

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
 Data File : VX043190.D
 Acq On : 30 Sep 2024 10:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 01 01:47:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	110130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82812	45.270	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.540%		
35) Dibromofluoromethane	5.379	113	63345	46.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.160%		
50) Toluene-d8	8.647	98	212129	46.107	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.220%		
62) 4-Bromofluorobenzene	11.079	95	81680	44.084	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51753	44.066	ug/l	100
3) Chloromethane	1.294	50	53069	44.259	ug/l	98
4) Vinyl Chloride	1.374	62	56528	46.411	ug/l	97
5) Bromomethane	1.599	94	21531	30.728	ug/l	94
6) Chloroethane	1.666	64	21964	28.165	ug/l	98
7) Trichlorofluoromethane	1.874	101	88569	40.968	ug/l	97
8) Diethyl Ether	2.136	74	35929	49.499	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	58398	47.857	ug/l	99
10) Methyl Iodide	2.447	142	73312	50.548	ug/l	100
11) Tert butyl alcohol	2.995	59	96886	237.210	ug/l	99
12) 1,1-Dichloroethene	2.312	96	53627	45.946	ug/l	96
13) Acrolein	2.239	56	12784	237.574	ug/l	100
14) Allyl chloride	2.660	41	96907	44.713	ug/l	98
15) Acrylonitrile	3.068	53	180321	254.513	ug/l	99
16) Acetone	2.386	43	187684	219.385	ug/l	99
17) Carbon Disulfide	2.501	76	109977	37.907	ug/l	100
18) Methyl Acetate	2.703	43	134162	58.265	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	221686	49.847	ug/l	99
20) Methylene Chloride	2.782	84	64081	47.081	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	54217	44.892	ug/l	97
22) Diisopropyl ether	3.763	45	203690	50.193	ug/l	96
23) Vinyl Acetate	3.721	43	1162042	243.418	ug/l	99
24) 1,1-Dichloroethane	3.605	63	115412	49.188	ug/l	98
25) 2-Butanone	4.556	43	268445	243.422	ug/l	98
26) 2,2-Dichloropropane	4.471	77	112368	47.317	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	73387	48.811	ug/l	99
28) Bromochloromethane	4.897	49	47298	45.794	ug/l	98
29) Tetrahydrofuran	5.007	42	163145	245.991	ug/l	100
30) Chloroform	5.086	83	125744	48.605	ug/l	100
31) Cyclohexane	5.458	56	81934	45.544	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	115528	47.143	ug/l	99
36) 1,1-Dichloropropene	5.684	75	77106	46.144	ug/l	100
37) Ethyl Acetate	4.714	43	98221	46.797	ug/l	100
38) Carbon Tetrachloride	5.672	117	96247	44.714	ug/l	99
39) Methylcyclohexane	7.373	83	93250	44.466	ug/l	95
40) Benzene	6.031	78	238324	48.335	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
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Manual Integrations
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Reviewed By : John Carlone 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	55069	52.776	ug/l	99
42) 1,2-Dichloroethane	6.080	62	100485	47.996	ug/l	99
43) Isopropyl Acetate	6.336	43	169048	48.221	ug/l	99
44) Trichloroethene	7.123	130	62862	46.596	ug/l	99
45) 1,2-Dichloropropane	7.427	63	61085	49.738	ug/l	100
46) Dibromomethane	7.580	93	49557	47.921	ug/l	99
47) Bromodichloromethane	7.818	83	102363	47.601	ug/l	97
48) Methyl methacrylate	7.690	41	83163	48.296	ug/l	98
49) 1,4-Dioxane	7.665	88	34380	1057.644	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	527602	244.977	ug/l	100
52) Toluene	8.714	92	153180	48.240	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	102307	46.345	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	107346	48.692	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	64648	49.447	ug/l	97
56) Ethyl methacrylate	9.116	69	111663	49.081	ug/l	99
57) 1,3-Dichloropropane	9.305	76	108501	48.793	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	247400	268.945	ug/l	100
59) 2-Hexanone	9.427	43	402051	238.746	ug/l	99
60) Dibromochloromethane	9.518	129	79917	46.807	ug/l	99
61) 1,2-Dibromoethane	9.610	107	68656	47.993	ug/l	99
64) Tetrachloroethene	9.269	164	55550	45.879	ug/l	96
65) Chlorobenzene	10.079	112	174563	48.423	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	65391	49.177	ug/l	99
67) Ethyl Benzene	10.189	91	305622	49.010	ug/l	99
68) m/p-Xylenes	10.299	106	225442	97.144	ug/l	100
69) o-Xylene	10.640	106	113926	48.945	ug/l	98
70) Styrene	10.652	104	191614	49.351	ug/l	99
71) Bromoform	10.799	173	55668	47.599	ug/l #	98
73) Isopropylbenzene	10.957	105	298969	50.365	ug/l	99
74) N-amyl acetate	10.841	43	142827	51.209	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	98343	51.485	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	87427m	51.953	ug/l	
77) Bromobenzene	11.195	156	71405	50.107	ug/l	99
78) n-propylbenzene	11.305	91	336065	49.900	ug/l	100
79) 2-Chlorotoluene	11.360	91	206077	48.785	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	245414	49.969	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34043	48.199	ug/l	100
82) 4-Chlorotoluene	11.451	91	240663	49.845	ug/l	99
83) tert-Butylbenzene	11.713	119	255914	50.567	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	249405	51.043	ug/l	99
85) sec-Butylbenzene	11.890	105	313440	50.392	ug/l	100
86) p-Isopropyltoluene	12.006	119	259093	50.173	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	130530	50.236	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	129083	49.541	ug/l	98
89) n-Butylbenzene	12.329	91	223271	49.611	ug/l	100
90) Hexachloroethane	12.536	117	51275	49.824	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	130014	50.809	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25342	49.071	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	80929	51.012	ug/l	98
94) Hexachlorobutadiene	13.725	225	32282	48.431	ug/l	99
95) Naphthalene	13.774	128	283702	51.448	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	82270	52.194	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDCCC050

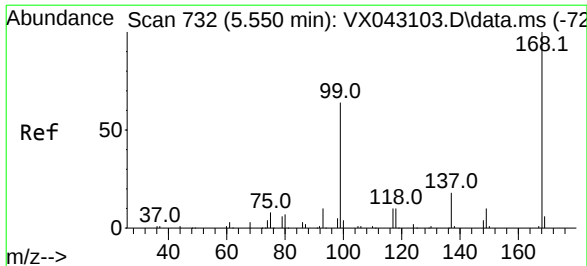
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

Quant Time: Oct 01 01:47:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed



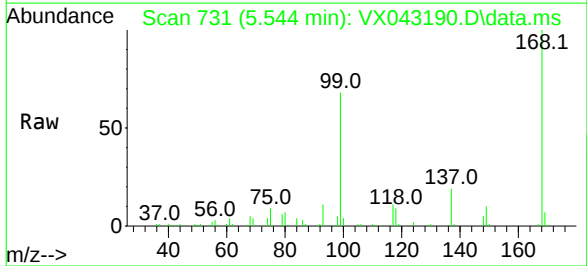
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



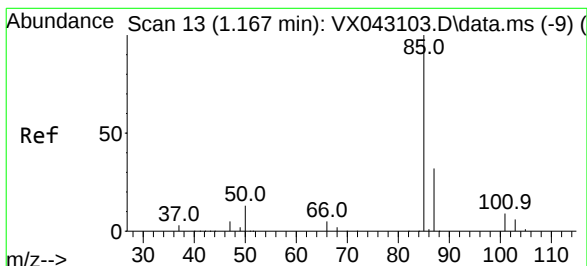
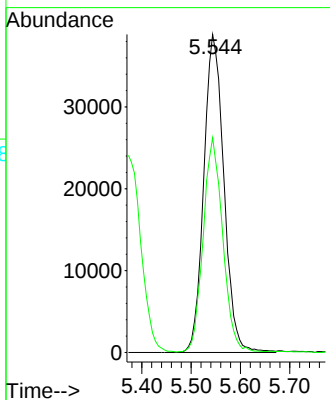
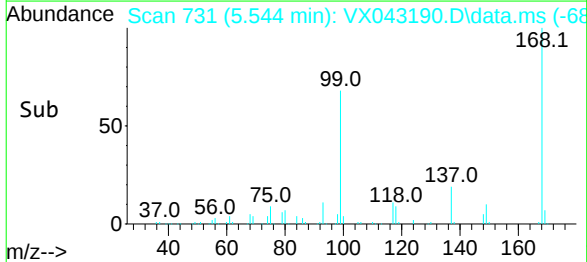
Tgt Ion:168 Resp: 110130
Ion Ratio Lower Upper
168 100
99 67.4 50.8 76.2

Manual Integrations

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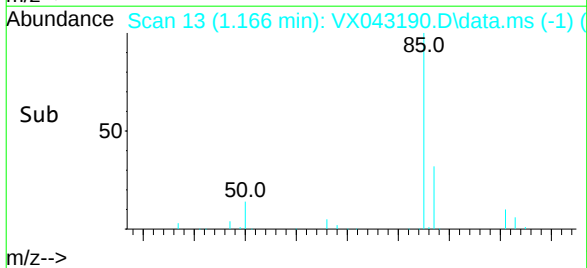
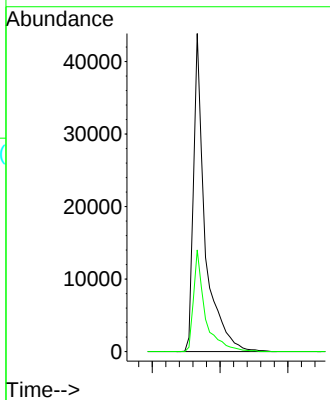
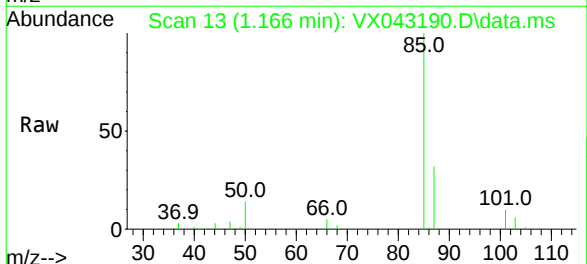
Reviewed By :John Carlone 10/01/2024

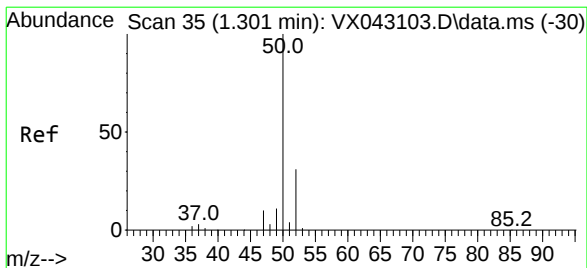
Supervised By :Mahesh Dadoda 10/01/2024



#2
Dichlorodifluoromethane
Concen: 44.066 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion: 85 Resp: 51753
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2





#3

Chloromethane

Concen: 44.259 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 53069

Ion Ratio Lower Upper

50 100

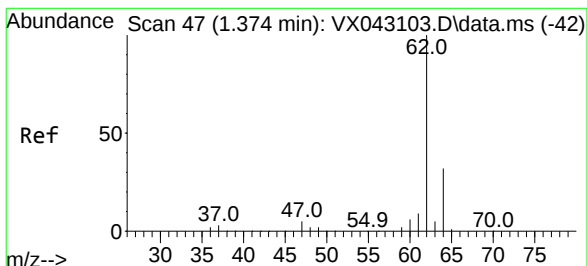
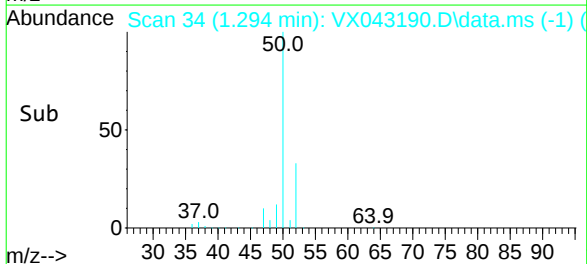
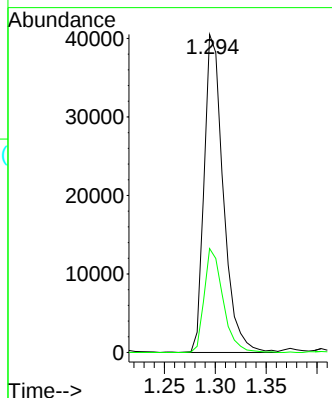
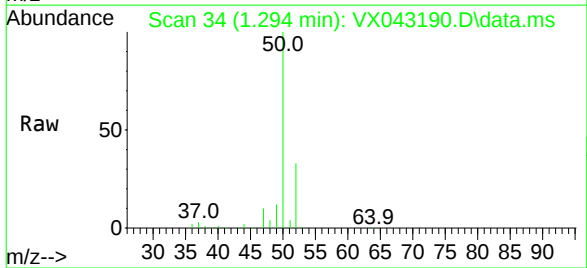
52 32.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#4

Vinyl Chloride

Concen: 46.411 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX043190.D

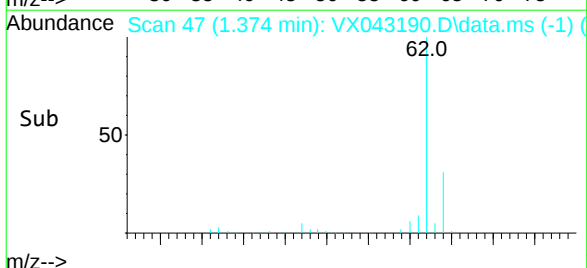
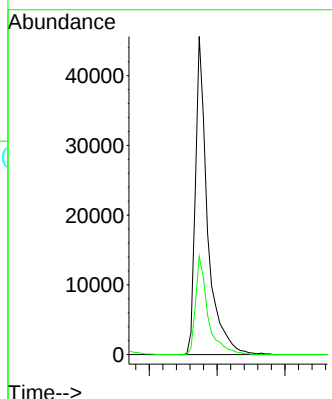
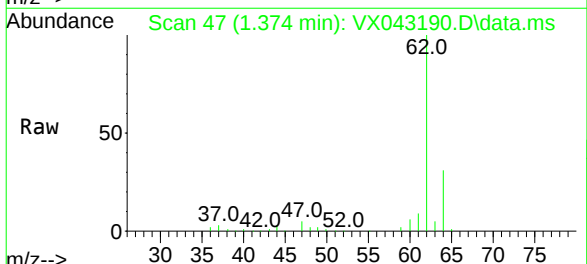
Acq: 30 Sep 2024 10:52

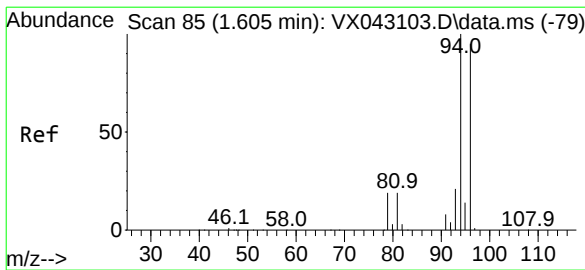
Tgt Ion: 62 Resp: 56528

Ion Ratio Lower Upper

62 100

64 30.9 26.0 39.0





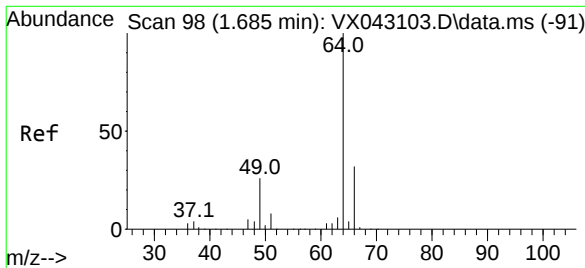
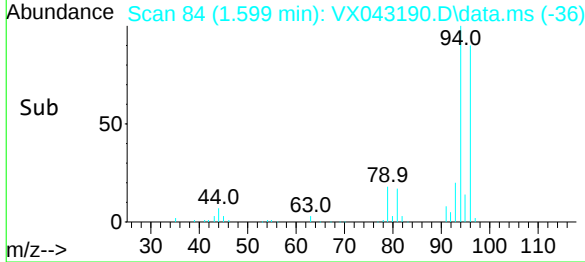
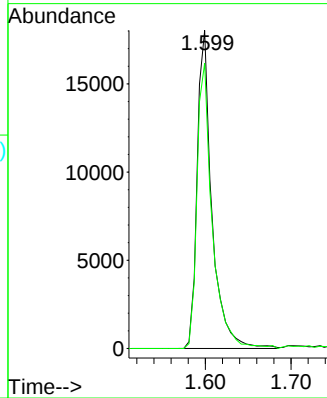
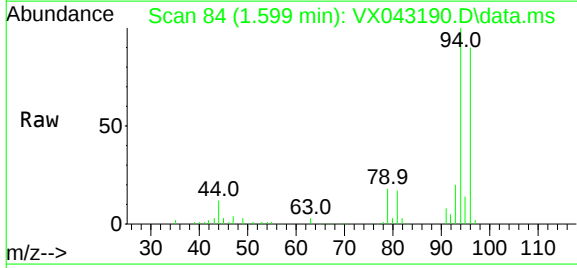
#5
Bromomethane
Concen: 30.728 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 21531
Ion Ratio Lower Upper
94 100
96 89.7 76.2 114.4

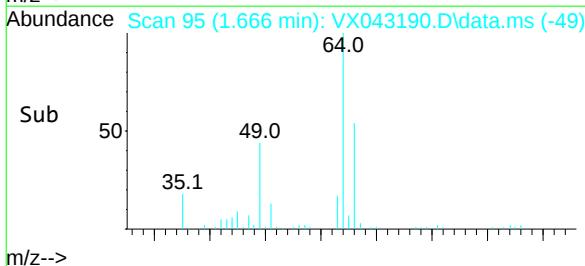
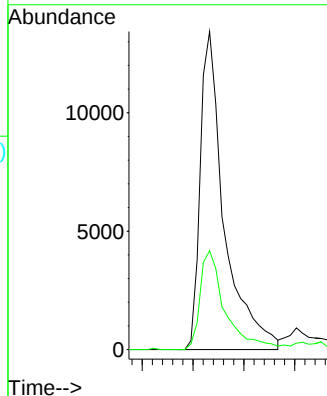
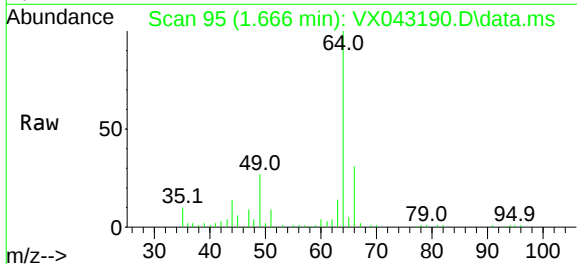
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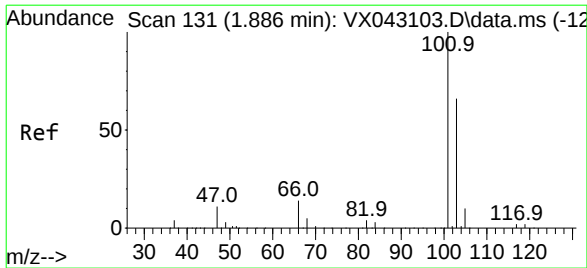
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#6
Chloroethane
Concen: 28.165 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.018 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion: 64 Resp: 21964
Ion Ratio Lower Upper
64 100
66 31.1 25.8 38.6





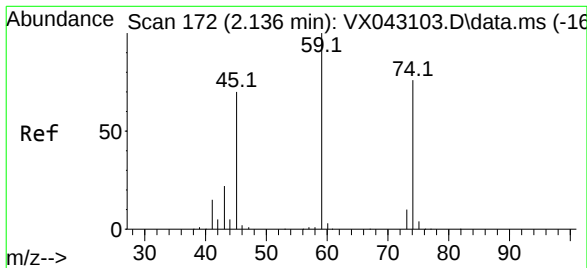
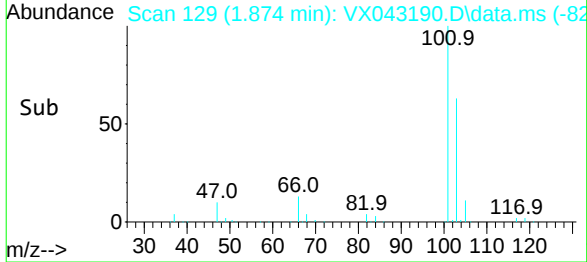
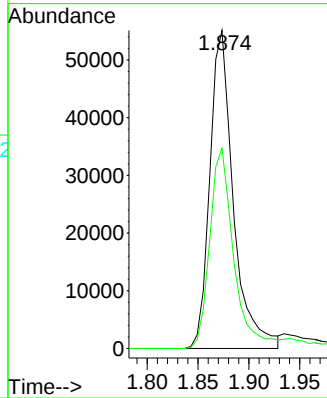
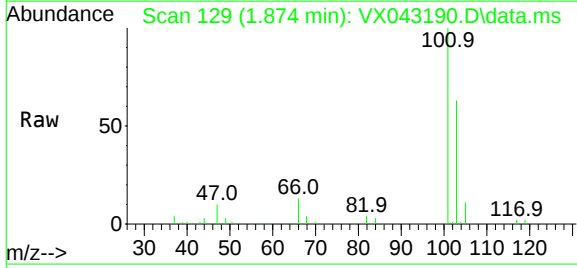
#7
 Trichlorofluoromethane
 Concen: 40.968 ug/l
 RT: 1.874 min Scan# 12
 Delta R.T. -0.012 min
 Lab File: VX043190.D
 Acq: 30 Sep 2024 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 88569
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.4 78.6

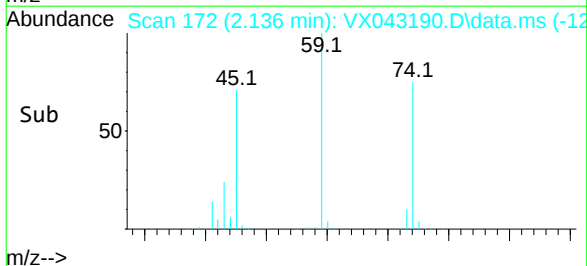
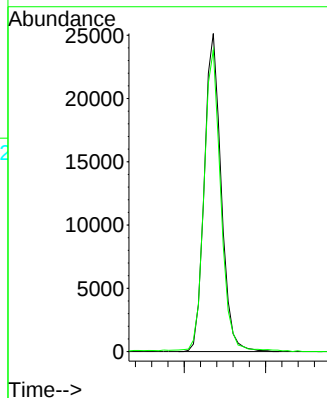
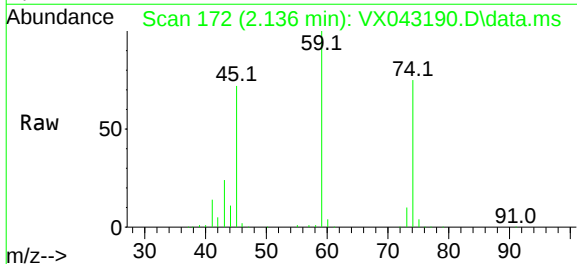
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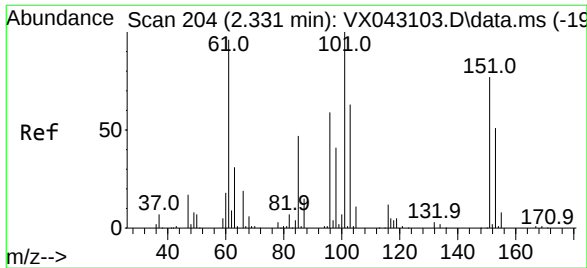
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#8
 Diethyl Ether
 Concen: 49.499 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX043190.D
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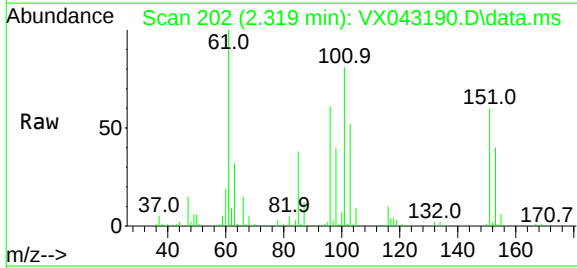
Tgt Ion: 74 Resp: 35929
 Ion Ratio Lower Upper
 74 100
 45 95.9 48.6 145.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.857 ug/l
RT: 2.319 min Scan# 204
Delta R.T. -0.012 min
Lab File: VX043190.D
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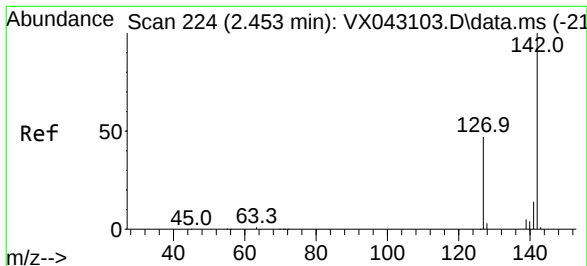
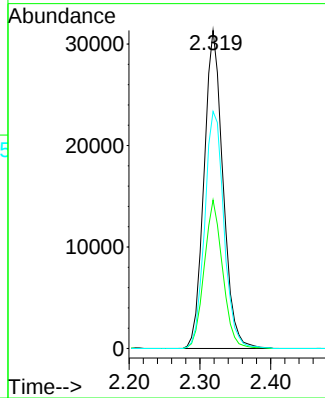
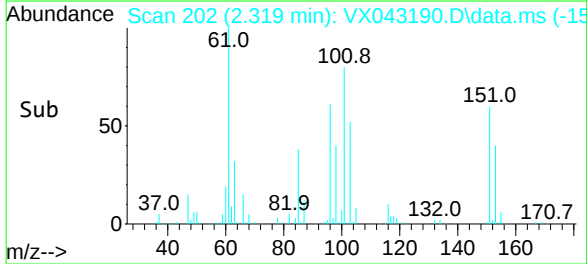
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 58398
Ion Ratio Lower Upper
101 100
85 45.4 37.0 55.4
151 75.7 60.2 90.4

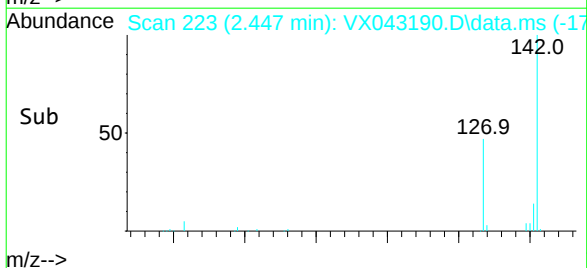
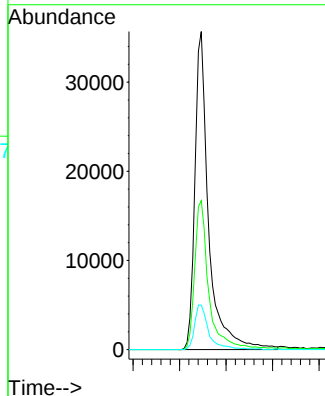
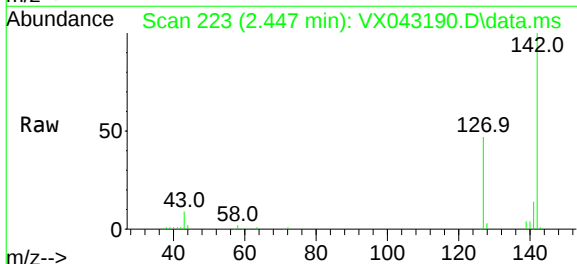
Manual Integrations
APPROVED

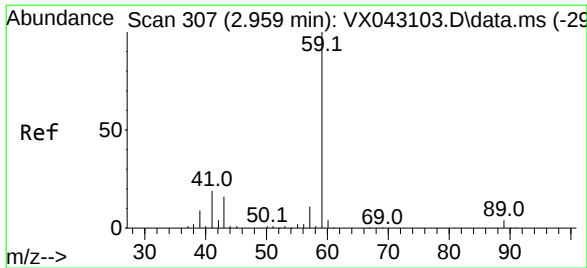
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#10
Methyl Iodide
Concen: 50.548 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion:142 Resp: 73312
Ion Ratio Lower Upper
142 100
127 48.3 38.9 58.3
141 14.6 11.4 17.2





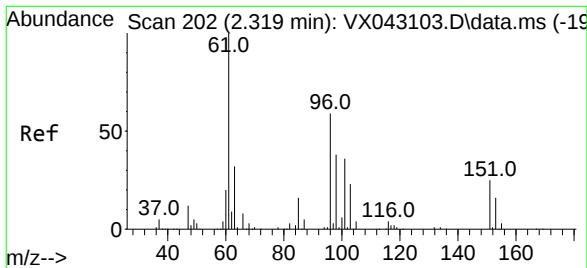
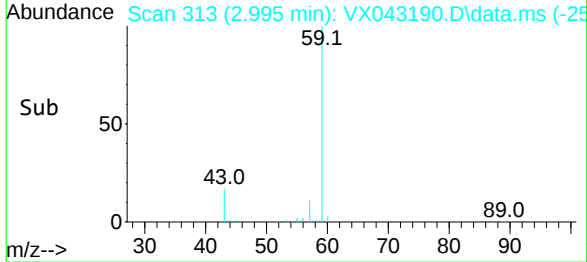
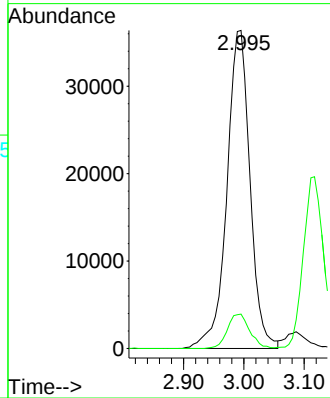
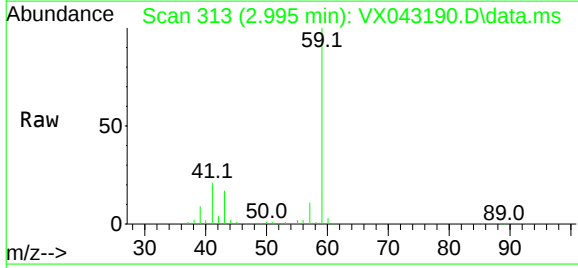
#11
Tert butyl alcohol
Concen: 237.210 ug/l
RT: 2.995 min Scan# 311
Delta R.T. 0.036 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 96886
Ion Ratio Lower Upper
59 100
57 10.5 8.6 13.0

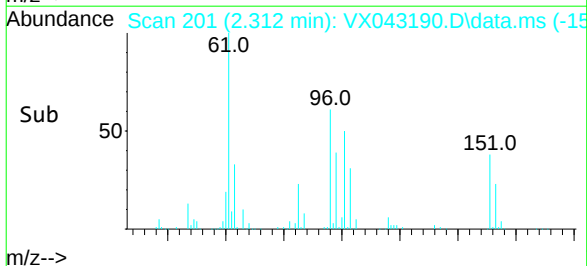
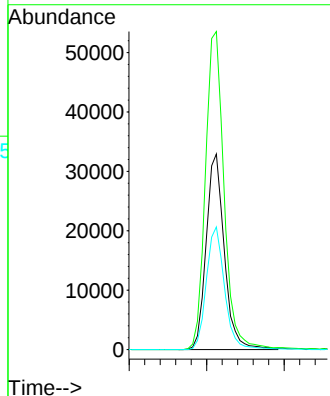
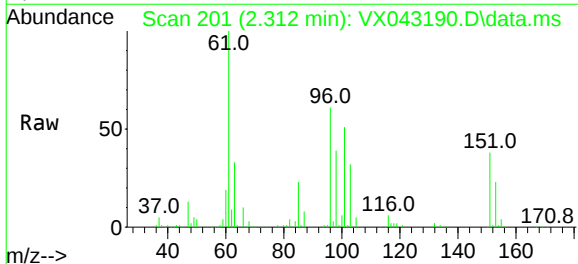
Manual Integrations
APPROVED

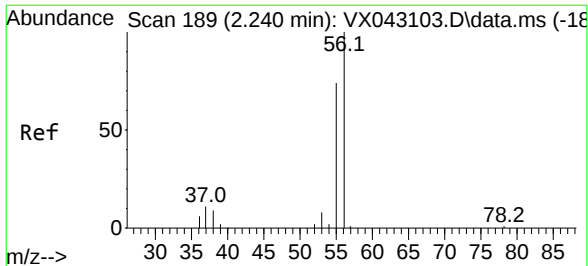
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#12
1,1-Dichloroethene
Concen: 45.946 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion: 96 Resp: 53627
Ion Ratio Lower Upper
96 100
61 162.6 134.7 202.1
98 62.7 51.6 77.4





#13

Acrolein

Concen: 237.574 ug/l

RT: 2.239 min Scan# 18

Delta R.T. -0.000 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 12784

Ion Ratio Lower Upper

56 100

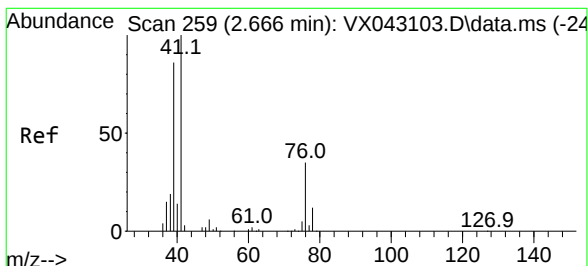
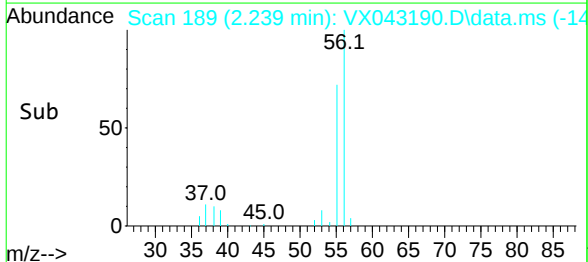
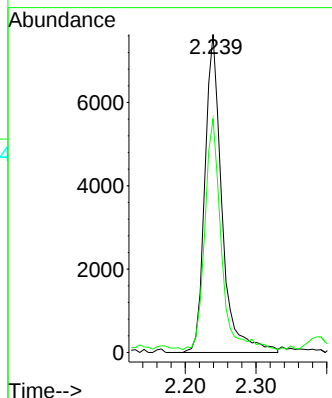
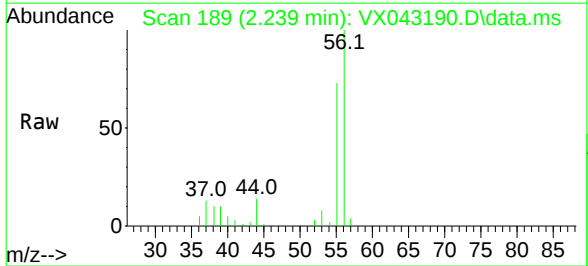
55 69.5 55.8 83.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#14

Allyl chloride

Concen: 44.713 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

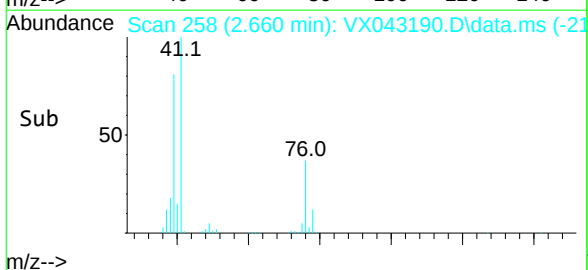
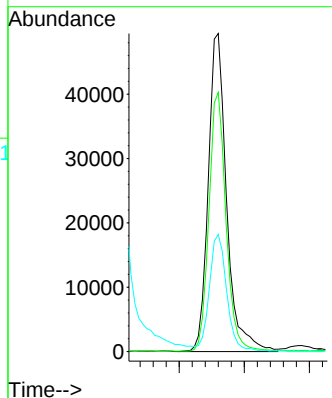
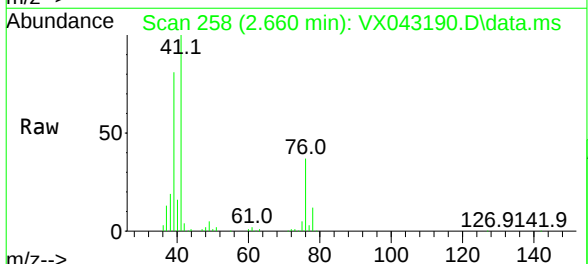
Tgt Ion: 41 Resp: 96907

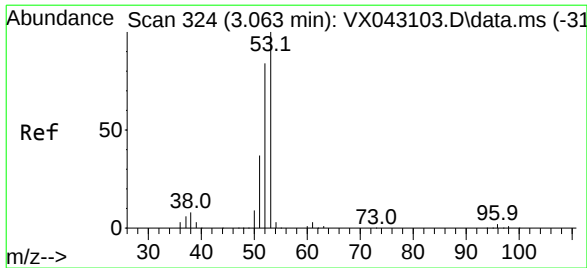
Ion Ratio Lower Upper

41 100

39 75.3 61.7 92.5

76 35.1 29.0 43.6





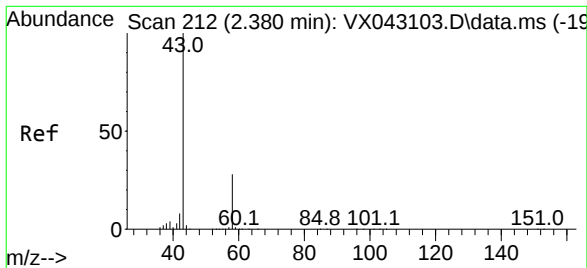
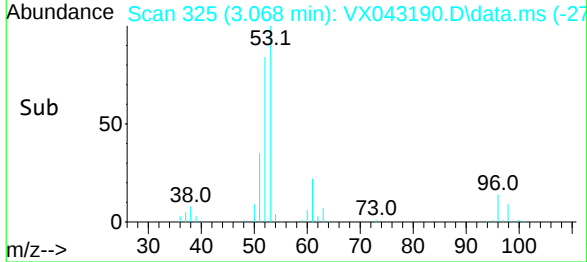
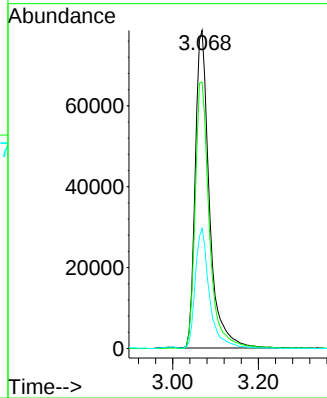
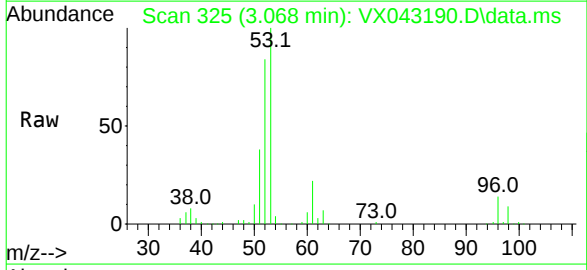
#15
Acrylonitrile
Concen: 254.513 ug/l
RT: 3.068 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 180321
Ion Ratio Lower Upper
53 100
52 84.4 67.8 101.6
51 37.7 30.6 45.8

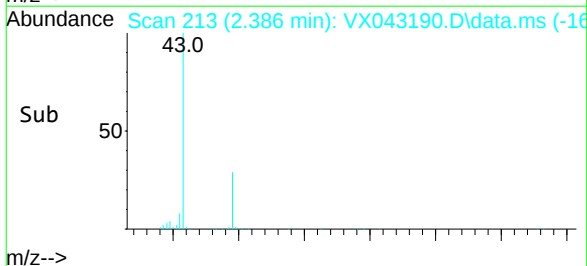
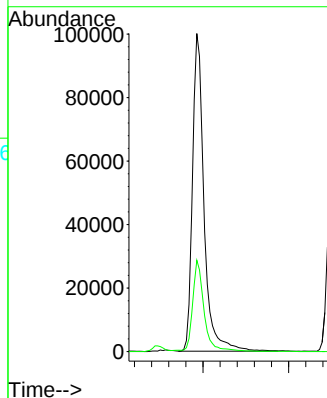
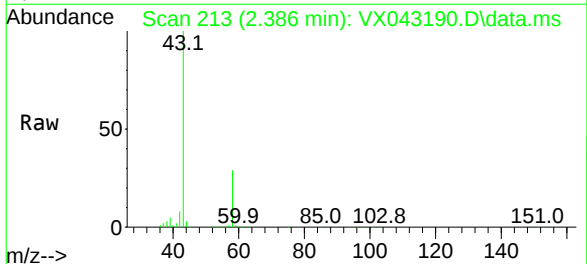
Manual Integrations
APPROVED

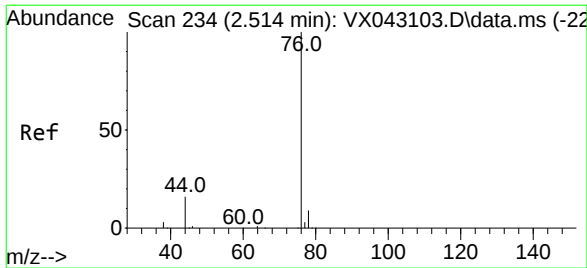
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#16
Acetone
Concen: 219.385 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

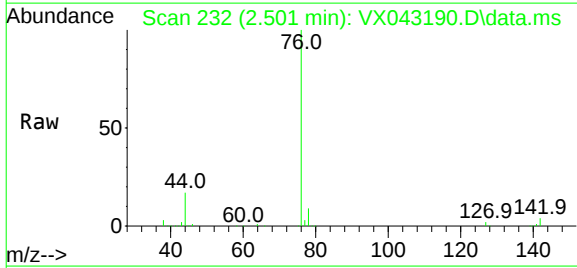
Tgt Ion: 43 Resp: 187684
Ion Ratio Lower Upper
43 100
58 28.7 22.6 34.0





#17
Carbon Disulfide
Concen: 37.907 ug/l
RT: 2.501 min Scan# 234
Delta R.T. -0.012 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

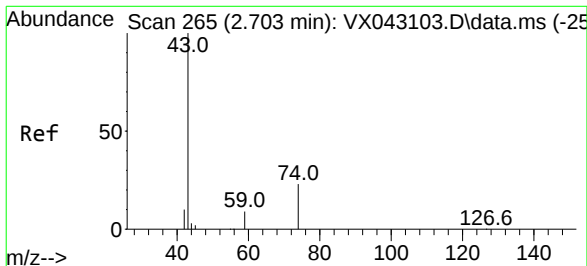
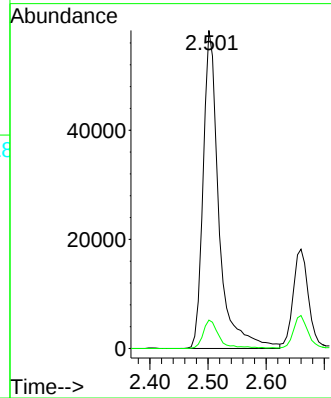
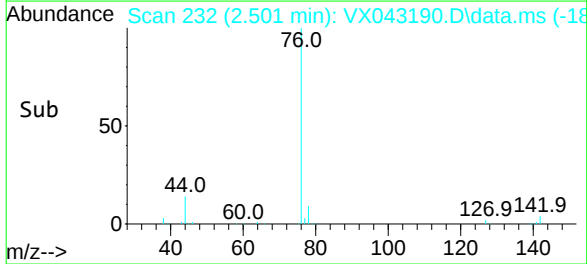
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 109977
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

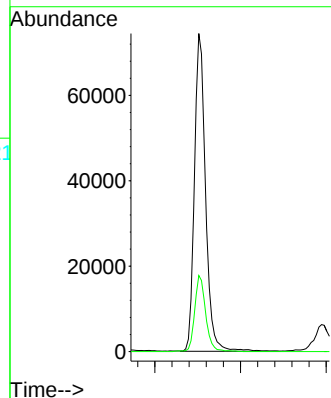
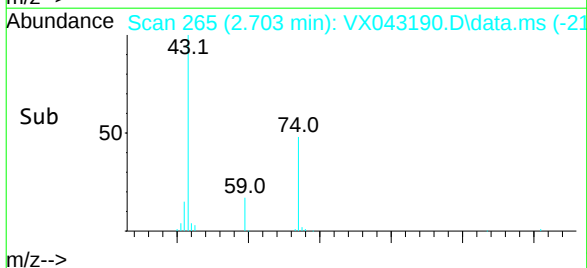
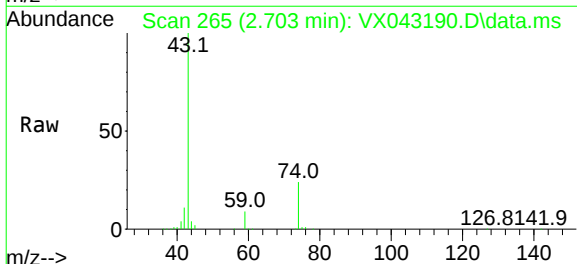
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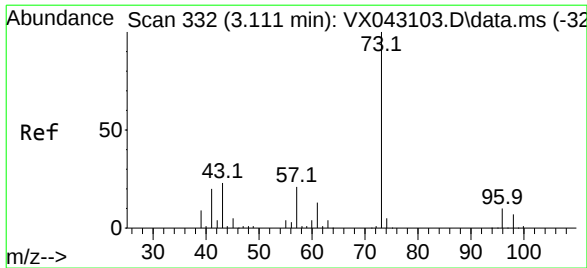
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#18
Methyl Acetate
Concen: 58.265 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion: 43 Resp: 134162
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8





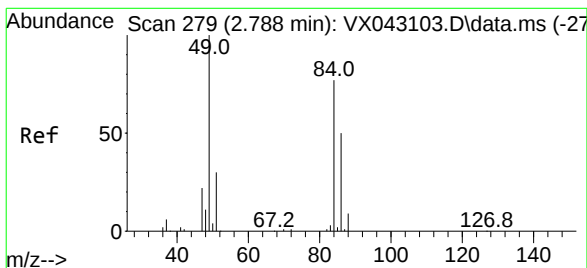
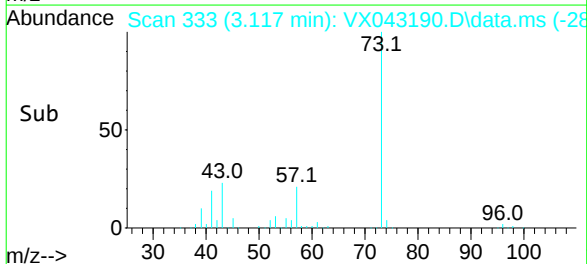
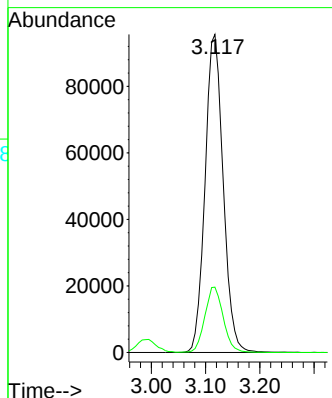
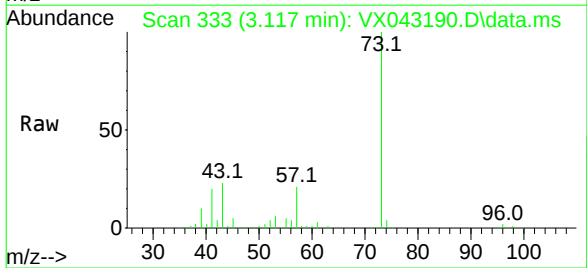
#19
Methyl tert-butyl Ether
Concen: 49.847 ug/l
RT: 3.117 min Scan# 33
Delta R.T. 0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 221686
Ion Ratio Lower Upper
73 100
57 20.6 17.0 25.4

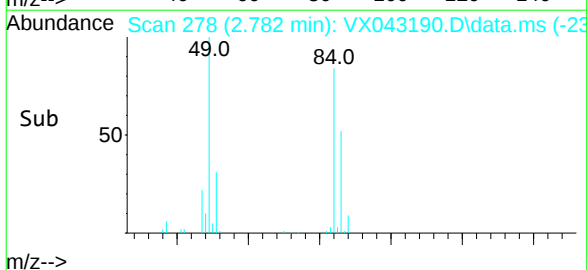
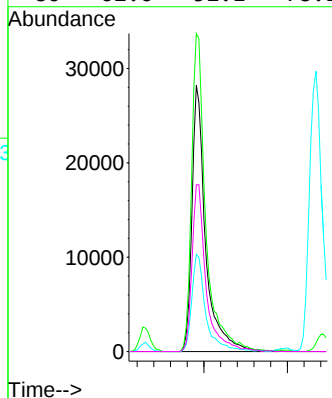
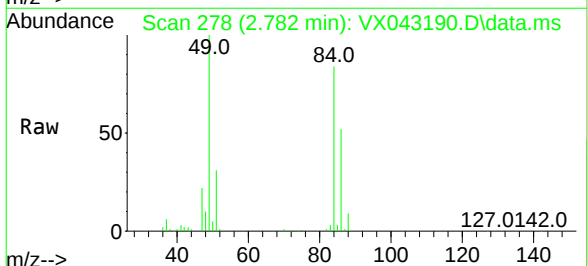
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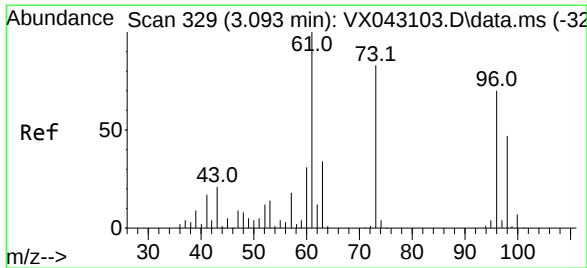
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#20
Methylene Chloride
Concen: 47.081 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion: 84 Resp: 64081
Ion Ratio Lower Upper
84 100
49 119.5 104.1 156.1
51 36.5 31.1 46.7
86 62.6 52.1 78.1





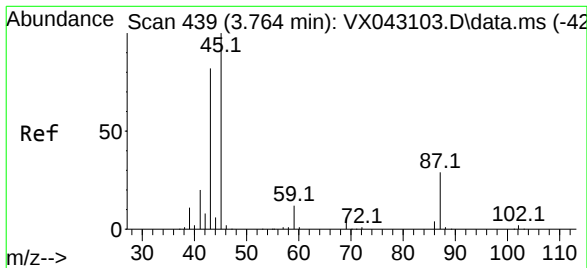
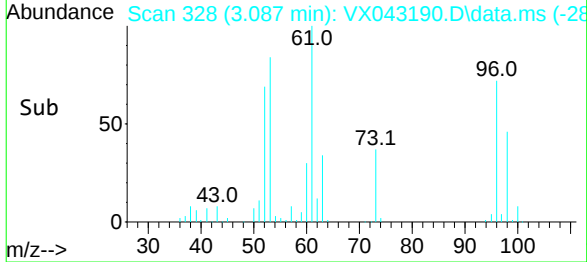
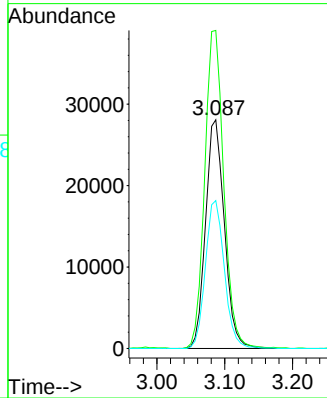
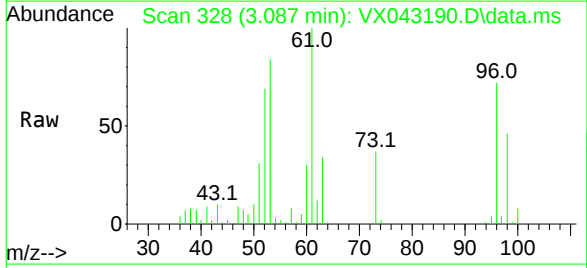
#21
trans-1,2-Dichloroethene
Concen: 44.892 ug/l
RT: 3.087 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 54217
Ion Ratio Lower Upper
96 100
61 139.1 114.5 171.7
98 64.7 53.8 80.6

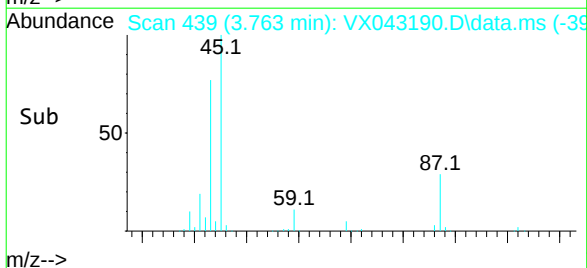
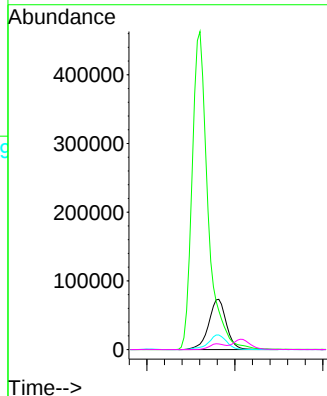
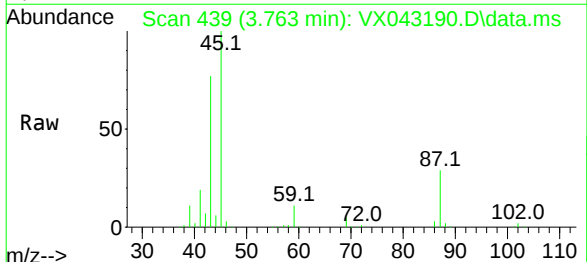
Manual Integrations
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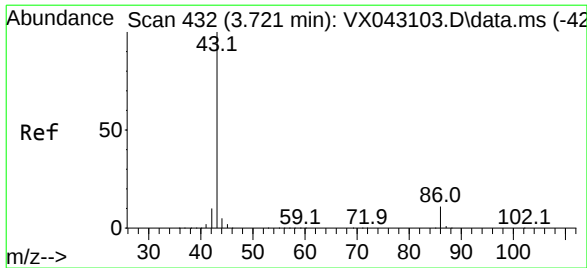
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#22
Diisopropyl ether
Concen: 50.193 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion: 45 Resp: 203690
Ion Ratio Lower Upper
45 100
43 76.6 65.8 98.6
87 29.1 23.1 34.7
59 11.2 9.4 14.0





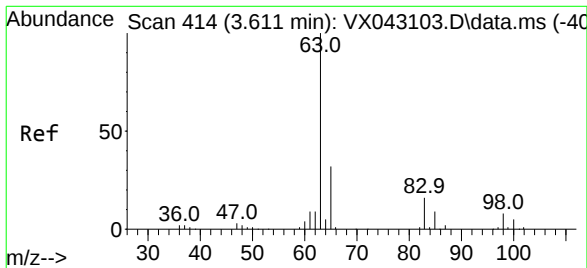
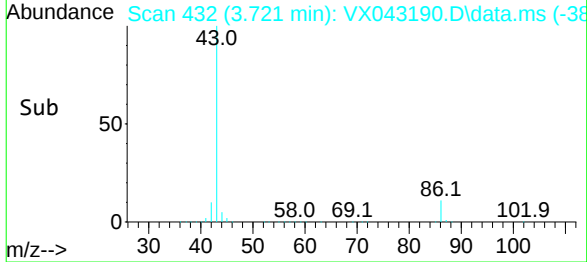
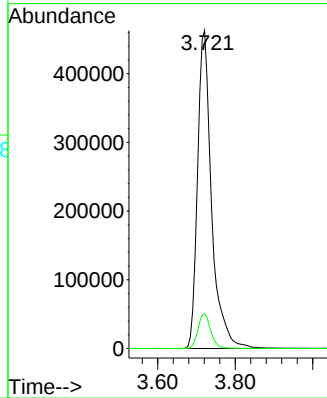
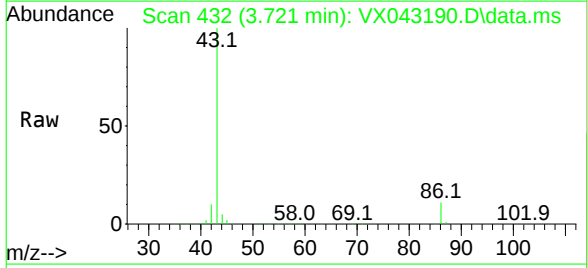
#23
 Vinyl Acetate
 Concen: 243.418 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VX043190.D
 Acq: 30 Sep 2024 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1162042
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8

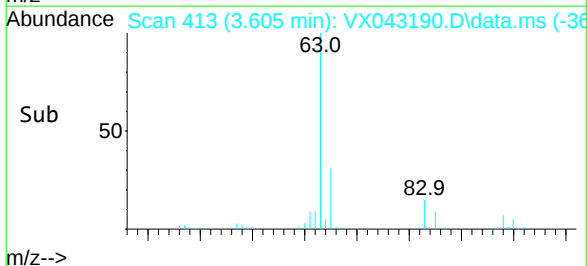
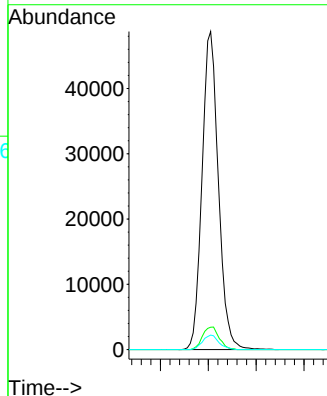
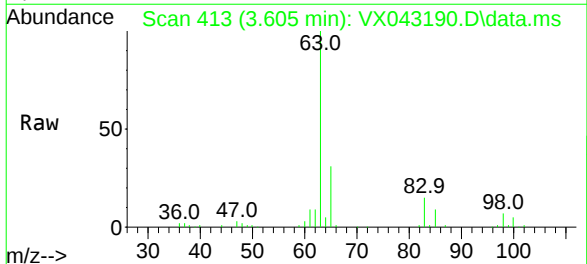
Manual Integrations
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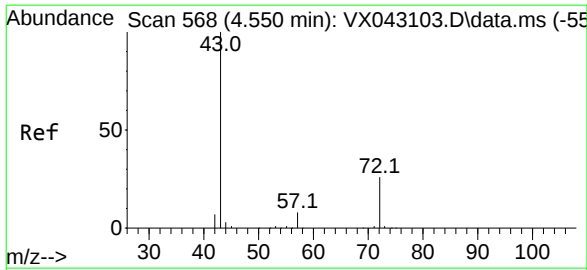
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#24
 1,1-Dichloroethane
 Concen: 49.188 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX043190.D
 Acq: 30 Sep 2024 10:52

Tgt Ion: 63 Resp: 115412
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.5
 100 4.6 2.5 7.6





#25

2-Butanone

Concen: 243.422 ug/l

RT: 4.556 min Scan# 568

Delta R.T. 0.006 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 268445

Ion Ratio Lower Upper

43 100

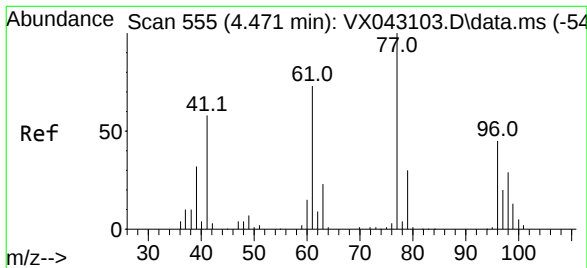
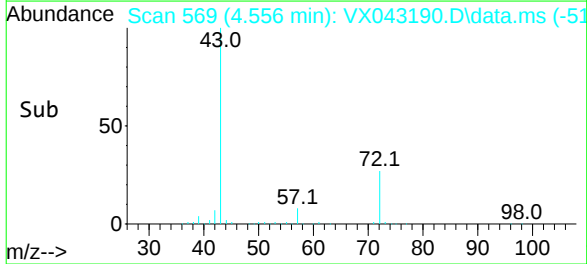
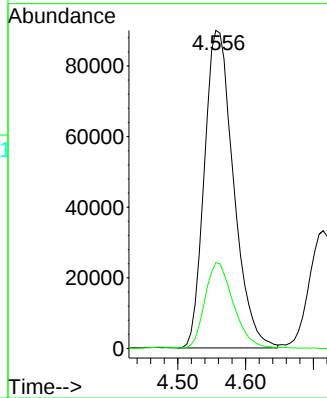
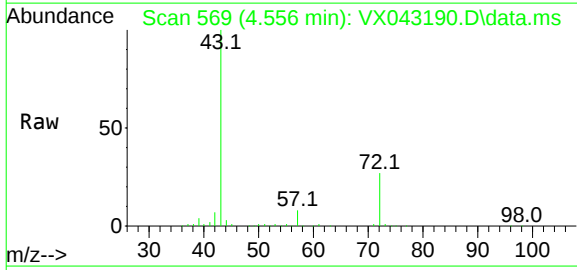
72 26.8 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#26

2,2-Dichloropropane

Concen: 47.317 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.000 min

Lab File: VX043190.D

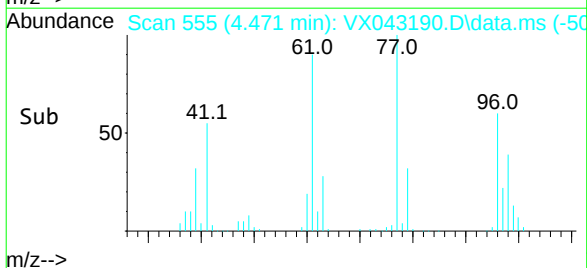
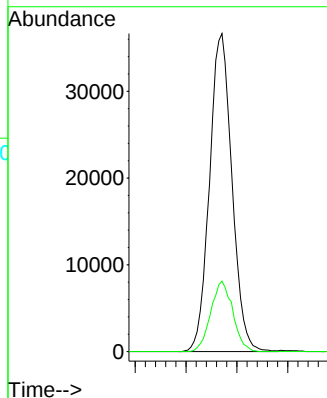
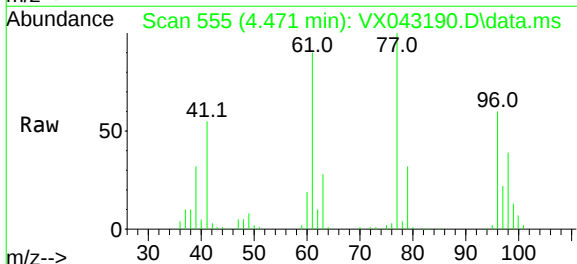
Acq: 30 Sep 2024 10:52

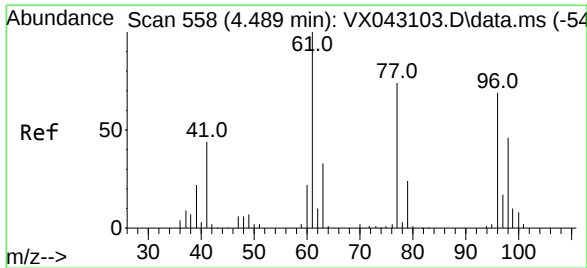
Tgt Ion: 77 Resp: 112368

Ion Ratio Lower Upper

77 100

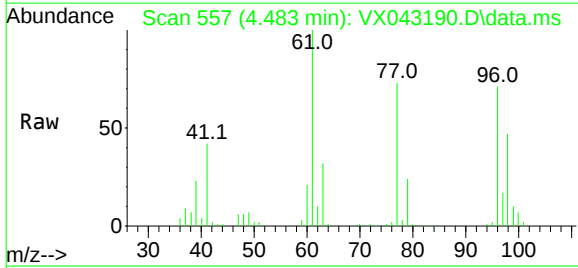
97 21.7 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 48.811 ug/l
 RT: 4.483 min Scan# 558
 Delta R.T. -0.006 min
 Lab File: VX043190.D
 Acq: 30 Sep 2024 10:52

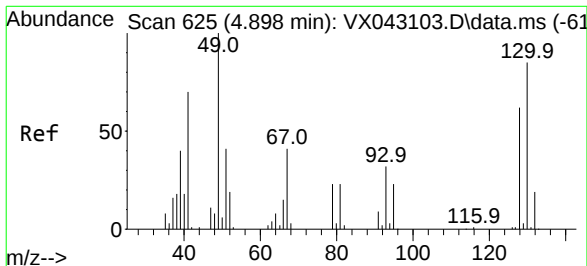
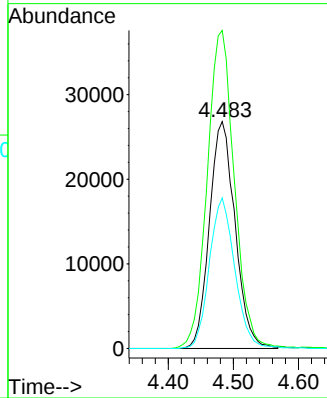
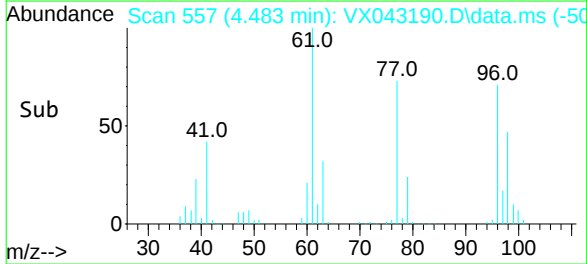
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 73387
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 297.8
 98 66.1 0.0 131.2

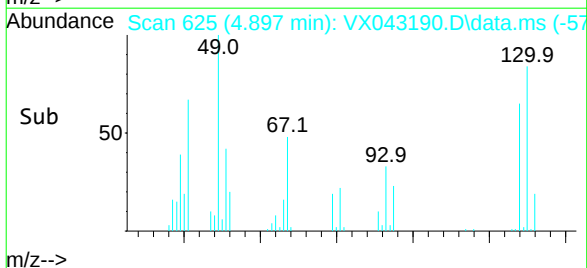
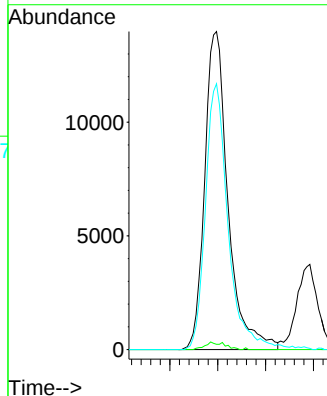
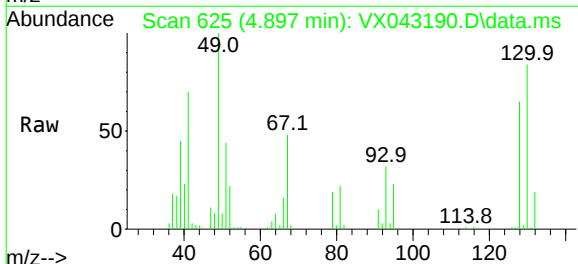
Manual Integrations
 APPROVED

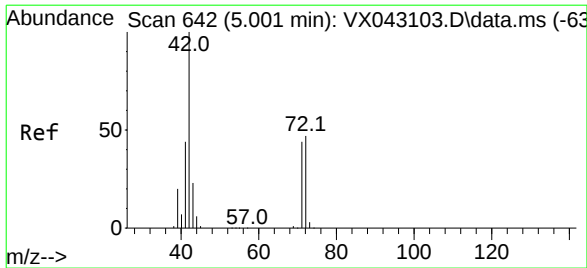
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#28
 Bromochloromethane
 Concen: 45.794 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX043190.D
 Acq: 30 Sep 2024 10:52

Tgt Ion: 49 Resp: 47298
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 81.1 66.6 100.0





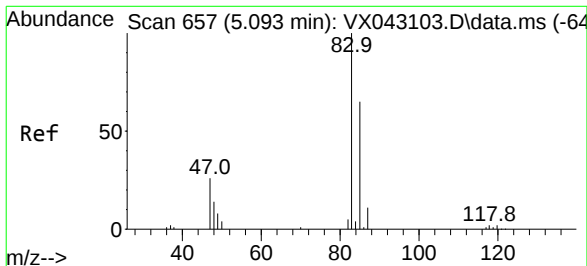
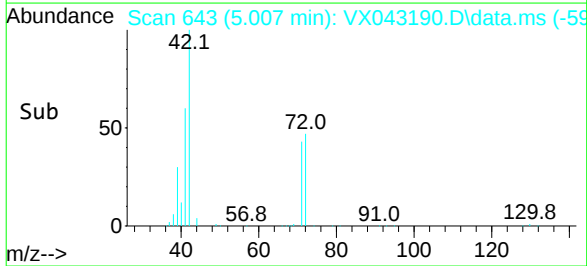
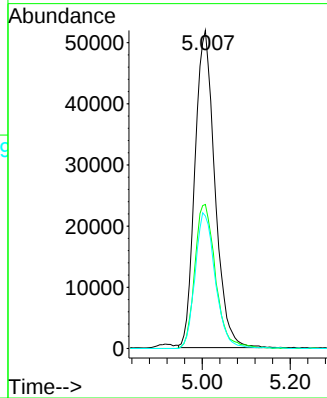
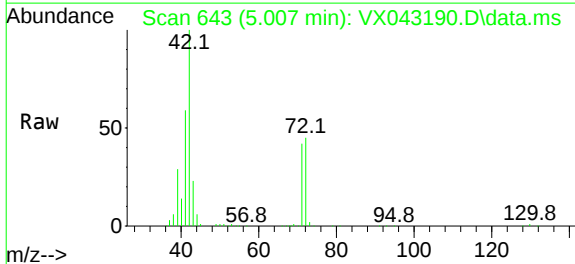
#29
Tetrahydrofuran
Concen: 245.991 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 163145
Ion Ratio Lower Upper
42 100
72 47.1 37.6 56.4
71 43.2 34.8 52.2

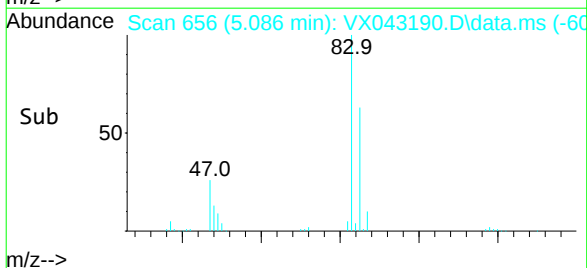
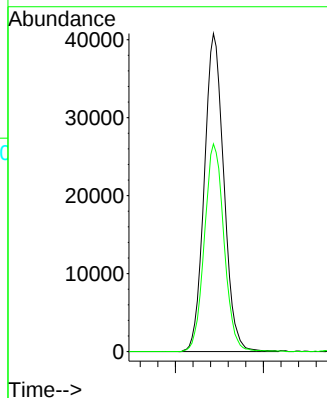
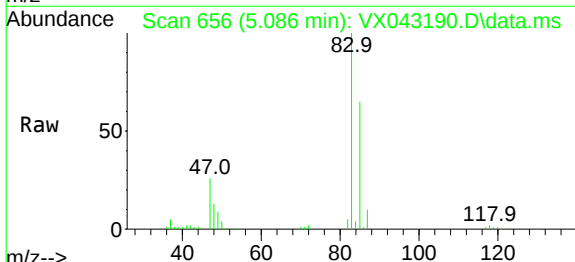
Manual Integrations
APPROVED

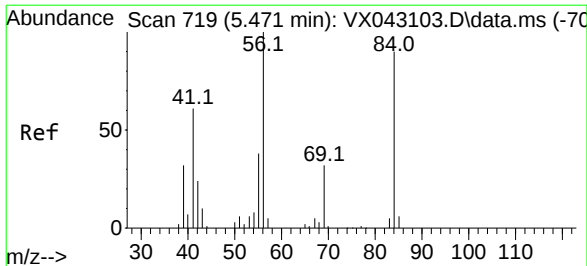
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#30
Chloroform
Concen: 48.605 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

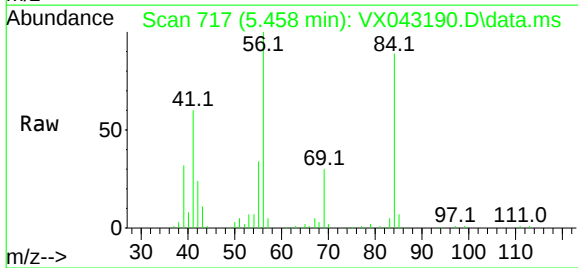
Tgt Ion: 83 Resp: 125744
Ion Ratio Lower Upper
83 100
85 65.3 52.4 78.6





#31
Cyclohexane
Concen: 45.544 ug/l
RT: 5.458 min Scan# 719
Delta R.T. -0.012 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

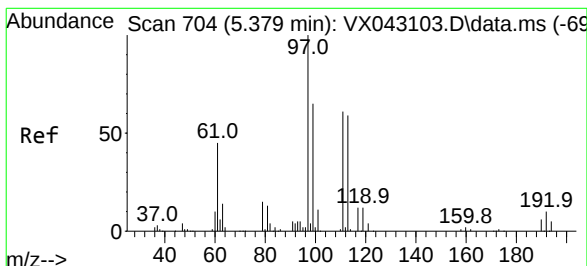
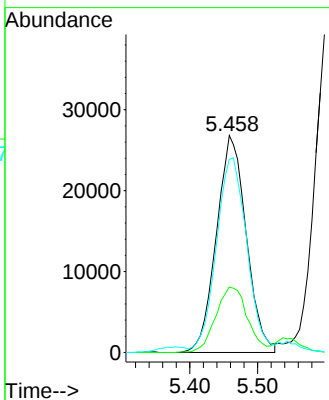
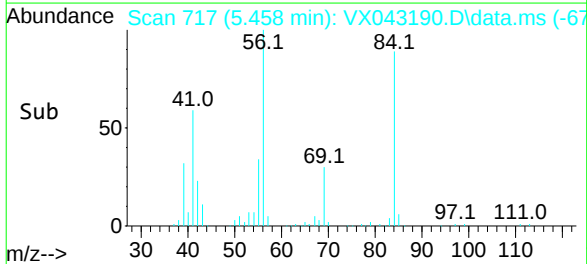
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



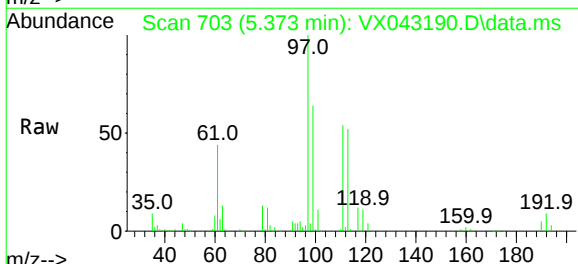
Tgt Ion: 56 Resp: 81934
Ion Ratio Lower Upper
56 100
69 30.2 25.8 38.6
84 86.4 72.4 108.6

Manual Integrations
APPROVED

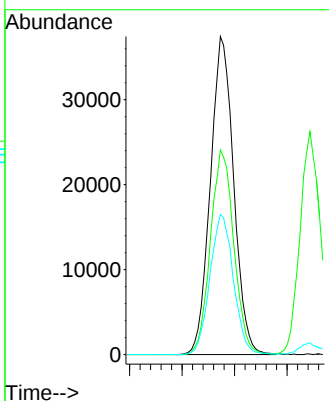
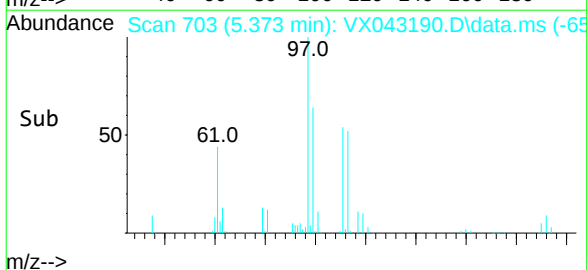
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

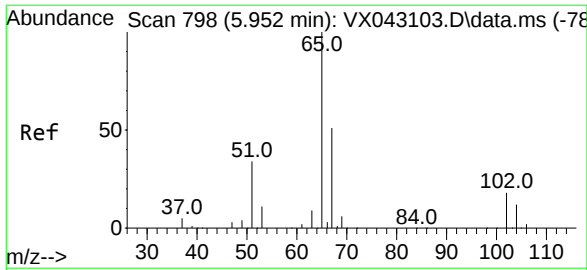


#32
1,1,1-Trichloroethane
Concen: 47.143 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52



Tgt Ion: 97 Resp: 115528
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 44.4 35.1 52.7





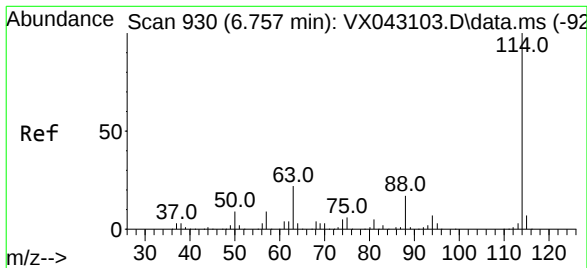
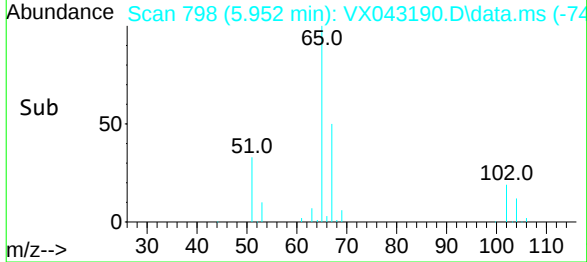
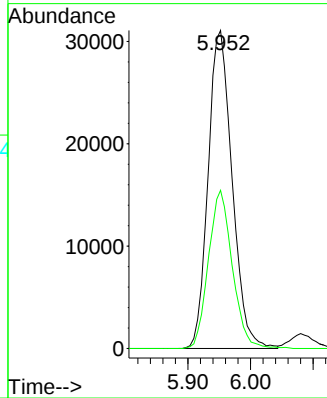
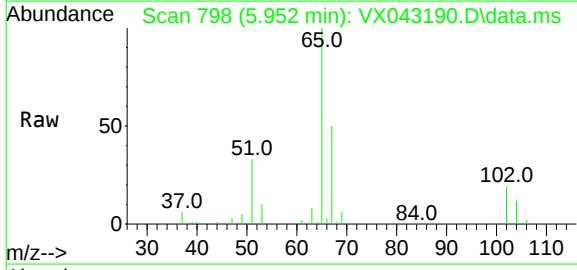
#33
1,2-Dichloroethane-d4
Concen: 45.270 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 82812
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

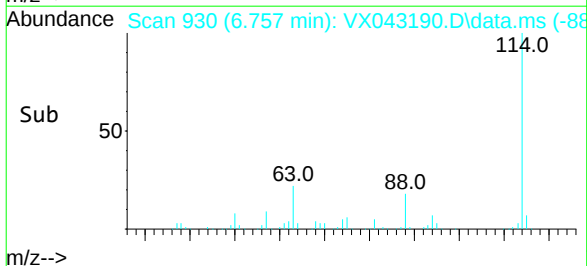
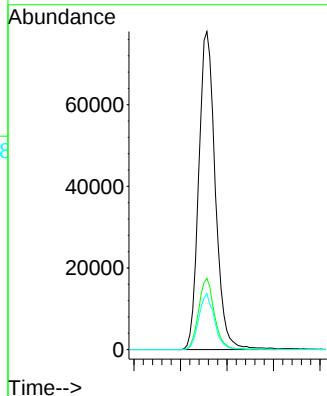
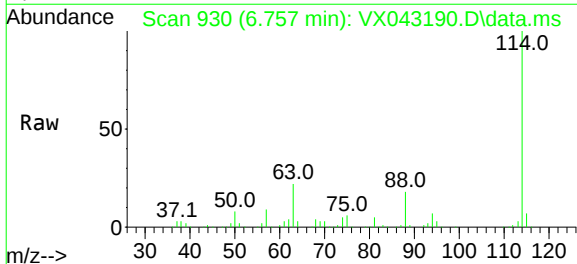
Manual Integrations
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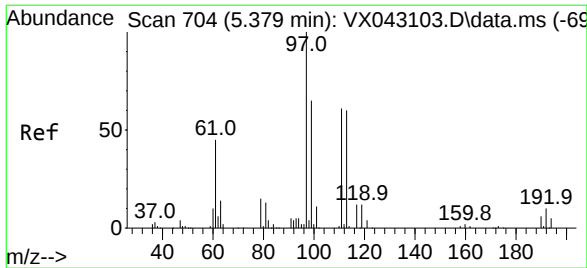
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion:114 Resp: 192774
Ion Ratio Lower Upper
114 100
63 22.4 0.0 43.2
88 17.6 0.0 33.4





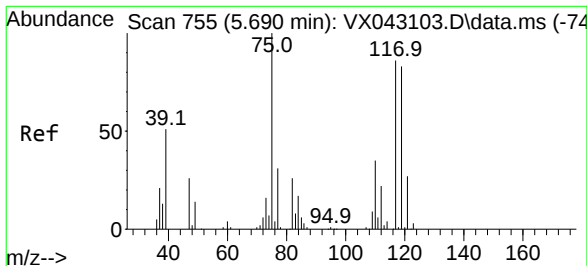
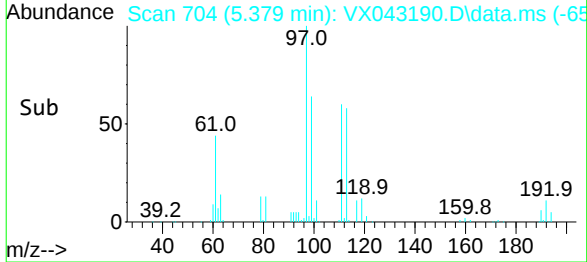
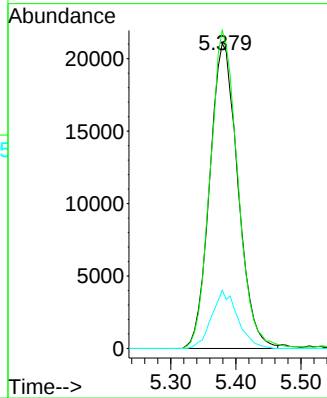
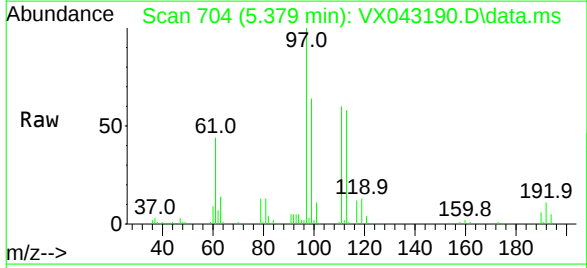
#35
Dibromofluoromethane
Concen: 46.581 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	17.6	14.6	22.0

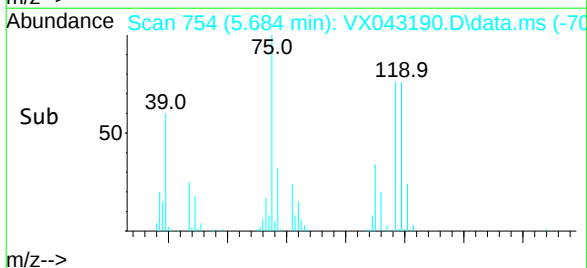
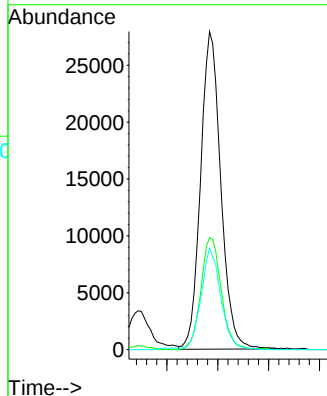
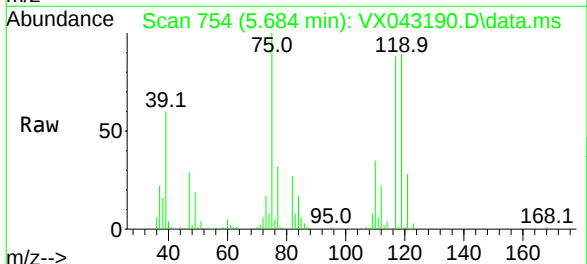
Manual Integrations
APPROVED

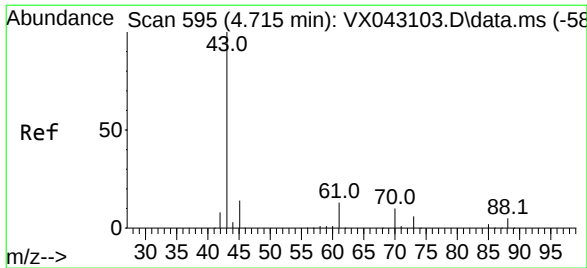
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#36
1,1-Dichloropropene
Concen: 46.144 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.8	53.4
77	31.0	25.2	37.8





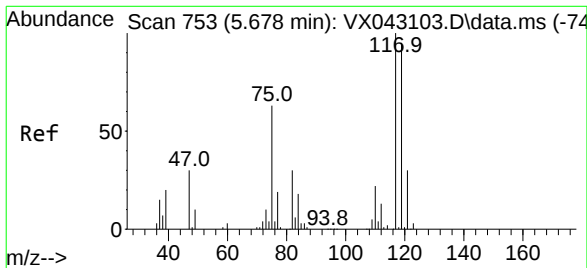
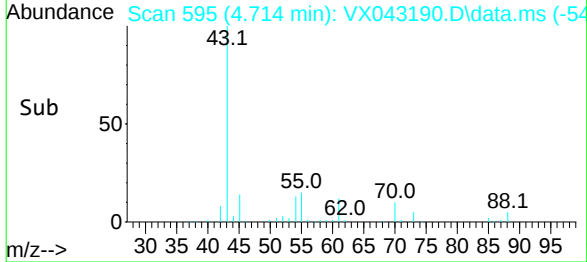
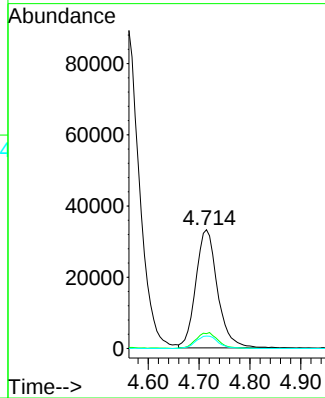
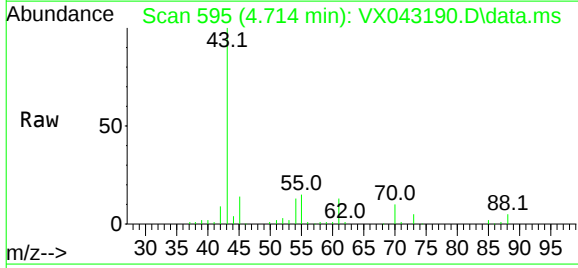
#37
Ethyl Acetate
Concen: 46.797 ug/l
RT: 4.714 min Scan# 59
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	43	Resp:	98221
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.9	16.3
70	10.8	8.6	13.0

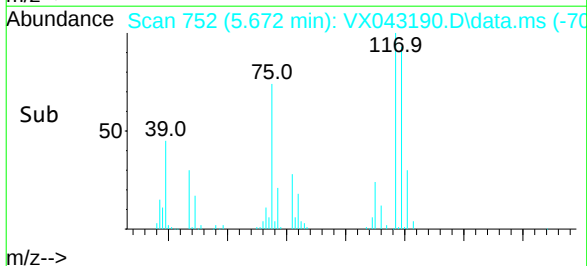
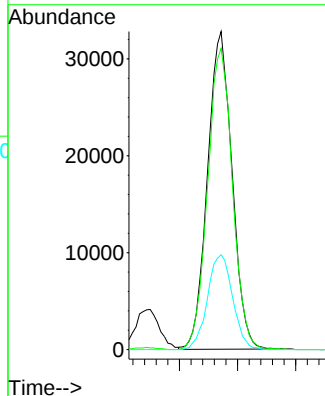
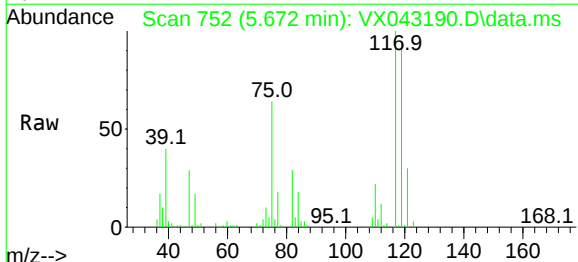
Manual Integrations
APPROVED

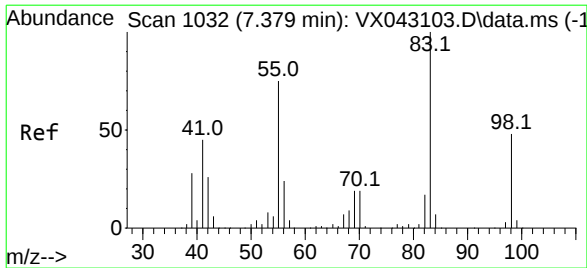
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#38
Carbon Tetrachloride
Concen: 44.714 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion:	117	Resp:	96247
Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.5	113.3
121	29.9	24.2	36.2





#39

Methylcyclohexane

Concen: 44.466 ug/l

RT: 7.373 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

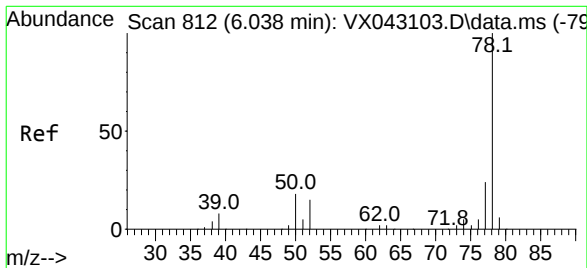
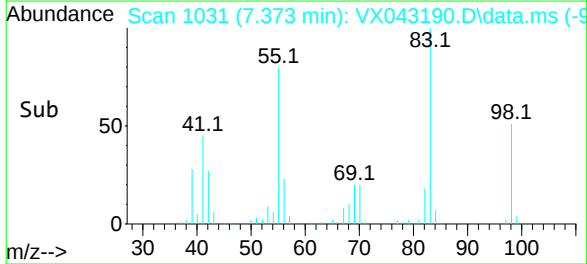
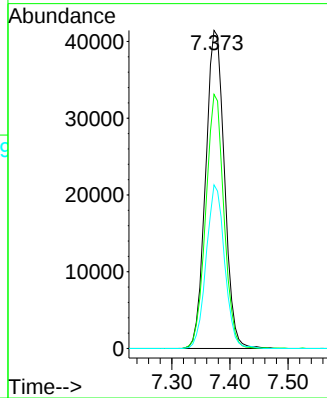
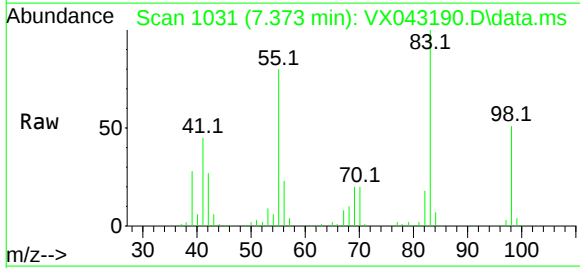
Tgt Ion:	83	Resp:	93250
Ion	Ratio	Lower	Upper
83	100		
55	79.9	60.2	90.4
98	51.4	38.6	58.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#40

Benzene

Concen: 48.335 ug/l

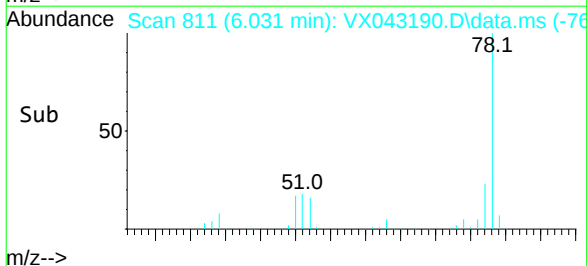
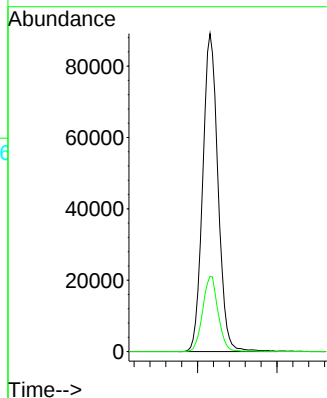
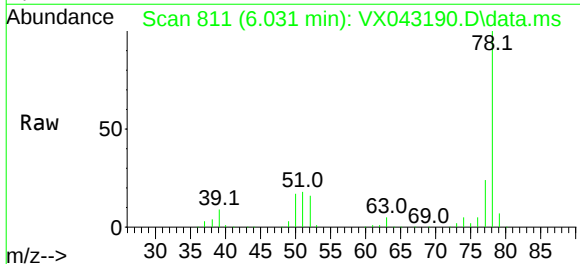
RT: 6.031 min Scan# 811

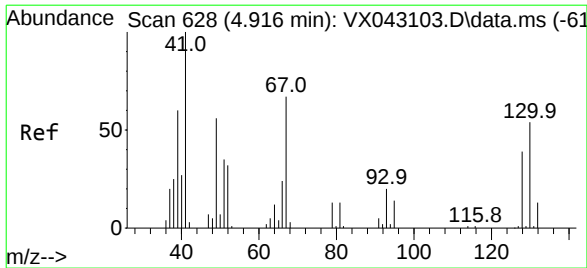
Delta R.T. -0.006 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Tgt Ion:	78	Resp:	238324
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9





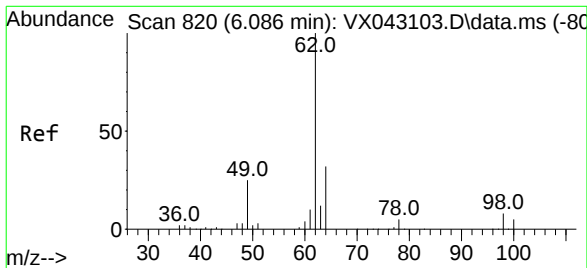
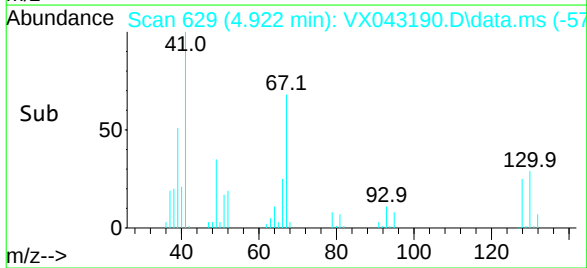
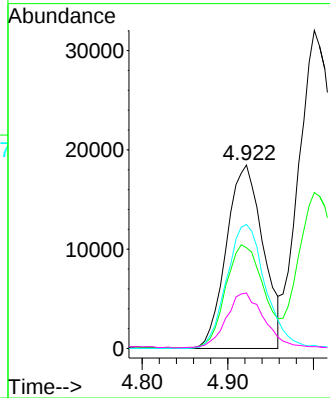
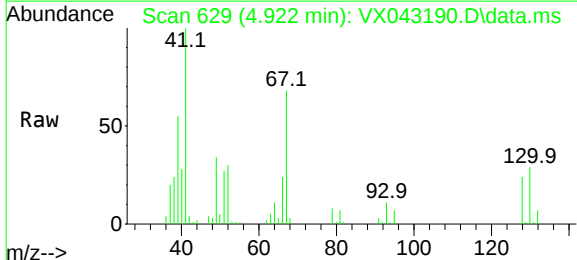
#41
Methacrylonitrile
Concen: 52.776 ug/l
RT: 4.922 min Scan# 62
Delta R.T. 0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	55069
Ion	Ratio	Lower	Upper
41	100		
39	57.9	46.8	70.2
67	71.9	57.0	85.6
52	32.2	27.0	40.6

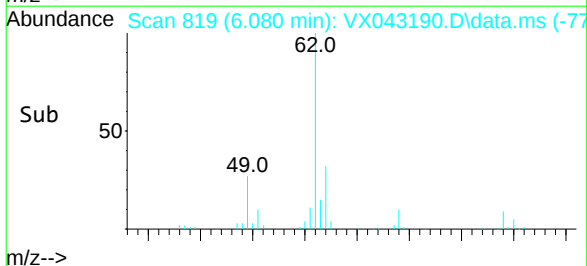
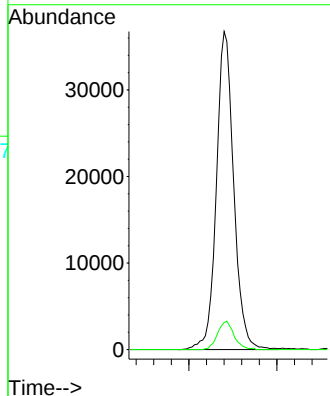
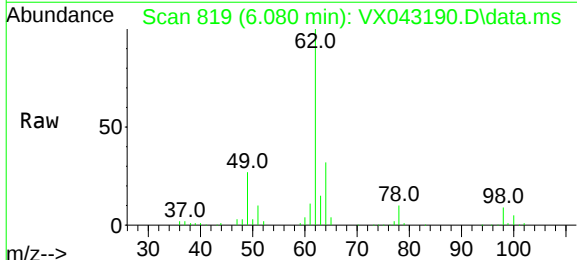
Manual Integrations
APPROVED

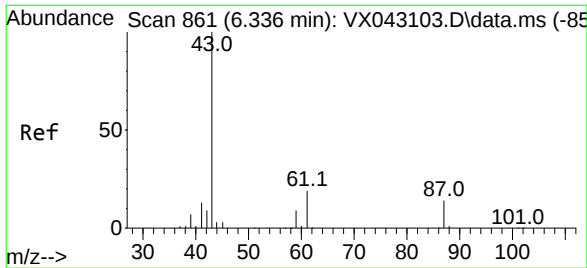
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#42
1,2-Dichloroethane
Concen: 47.996 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion:	62	Resp:	100485
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6





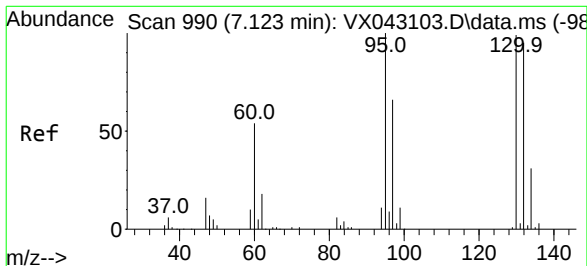
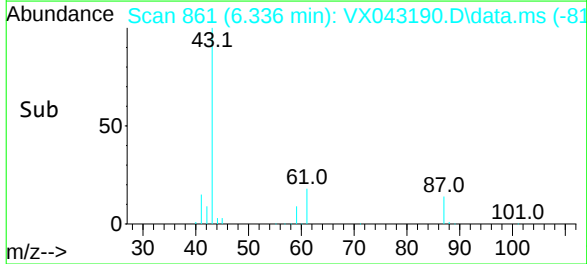
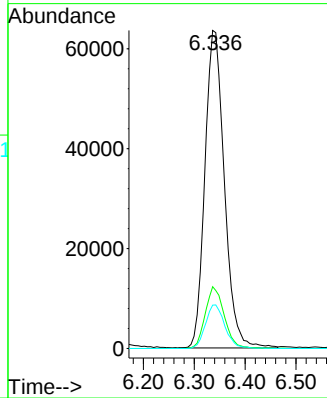
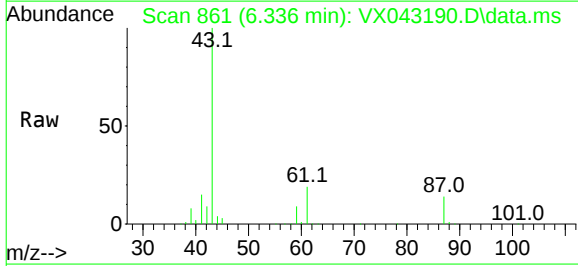
#43
Isopropyl Acetate
Concen: 48.221 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 169048
Ion Ratio Lower Upper
43 100
61 19.1 15.0 22.6
87 13.8 10.6 16.0

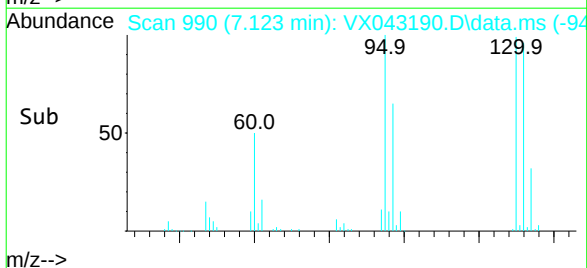
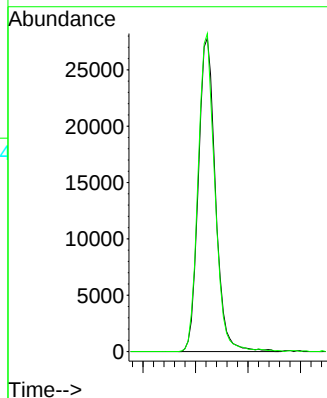
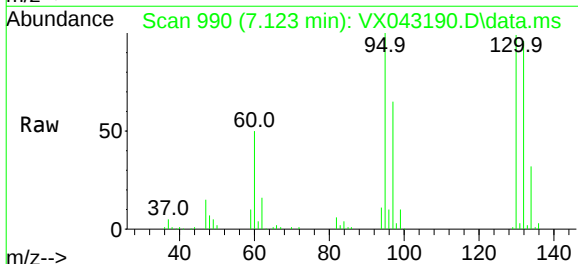
Manual Integrations
APPROVED

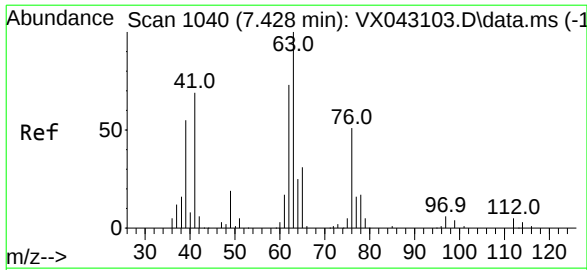
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#44
Trichloroethene
Concen: 46.596 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion:130 Resp: 62862
Ion Ratio Lower Upper
130 100
95 101.4 0.0 201.6





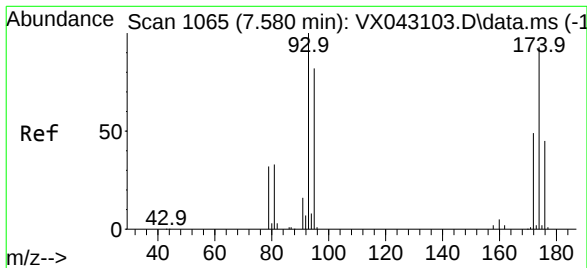
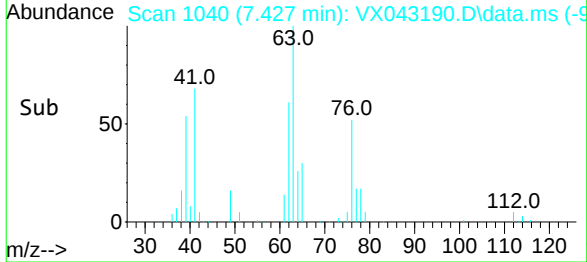
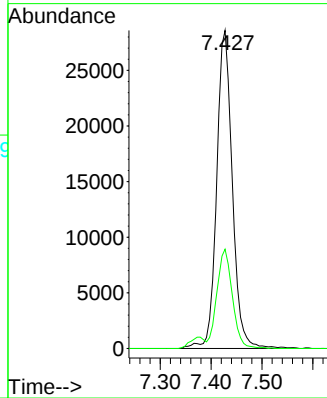
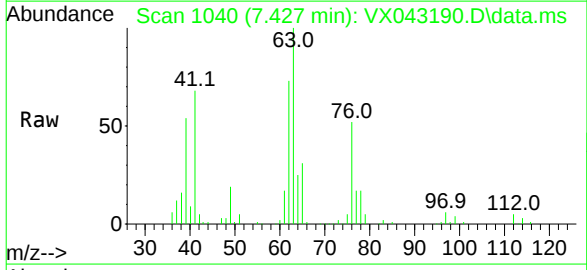
#45
1,2-Dichloropropane
Concen: 49.738 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 61085
Ion Ratio Lower Upper
63 100
65 31.2 25.0 37.6

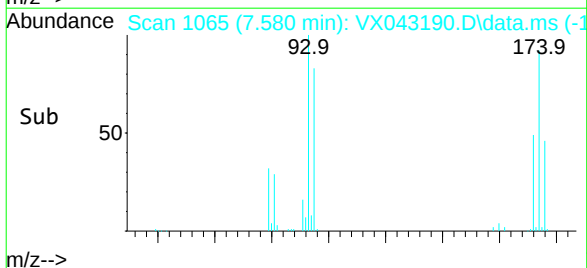
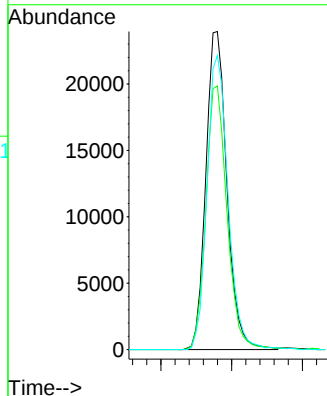
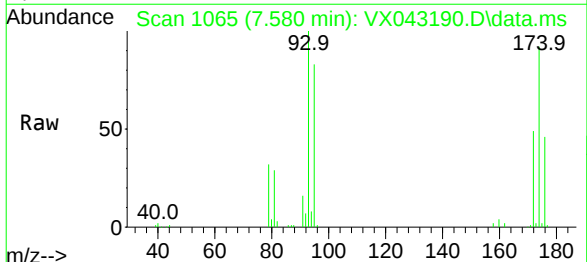
Manual Integrations
APPROVED

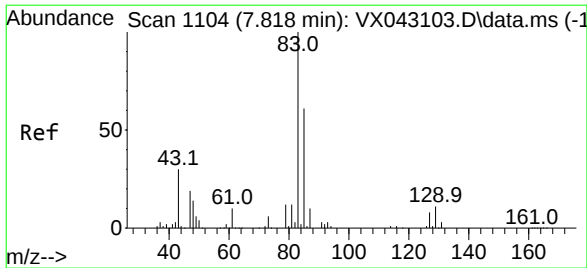
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#46
Dibromomethane
Concen: 47.921 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion: 93 Resp: 49557
Ion Ratio Lower Upper
93 100
95 83.2 67.1 100.7
174 92.5 75.4 113.2





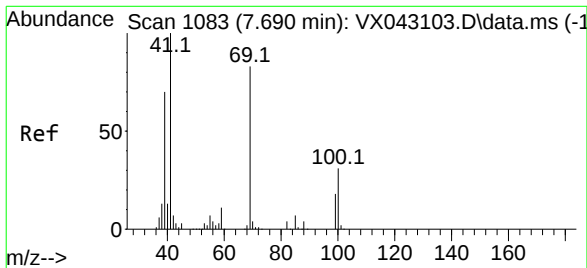
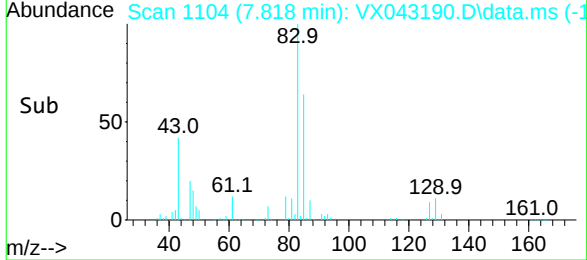
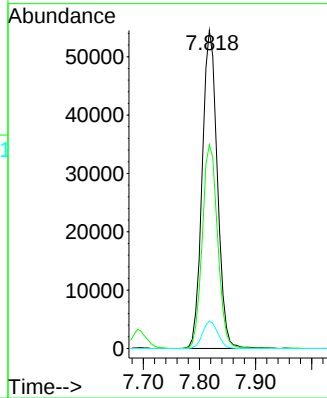
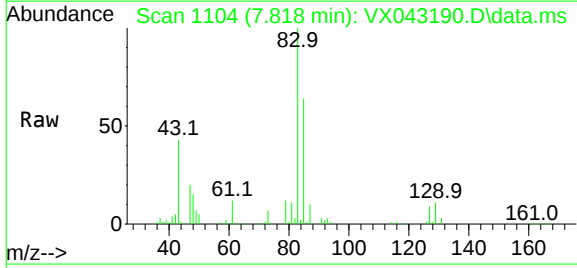
#47
Bromodichloromethane
Concen: 47.601 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 102363
Ion Ratio Lower Upper
83 100
85 64.1 49.1 73.7
127 8.6 6.6 9.8

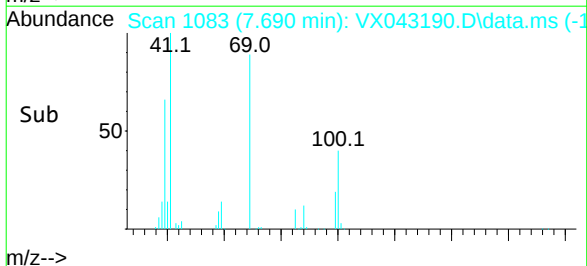
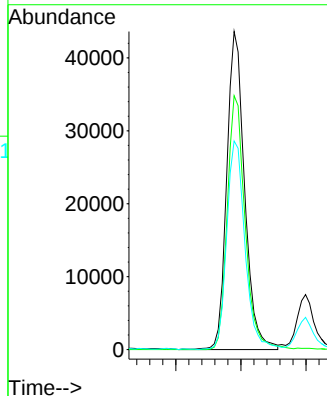
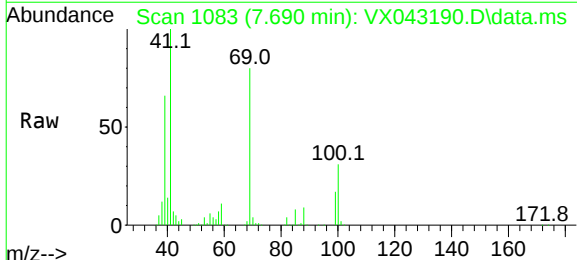
Manual Integrations
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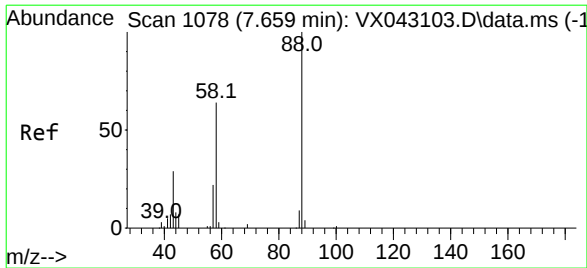
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#48
Methyl methacrylate
Concen: 48.296 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

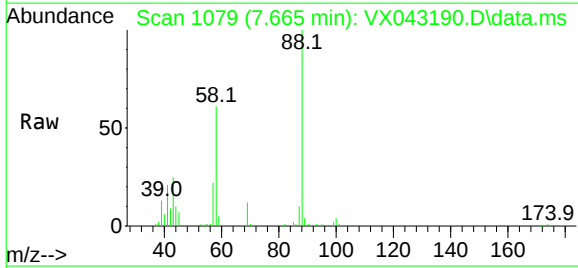
Tgt Ion: 41 Resp: 83163
Ion Ratio Lower Upper
41 100
69 79.3 65.0 97.6
39 67.0 55.0 82.6





#49
1,4-Dioxane
Concen: 1057.644 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

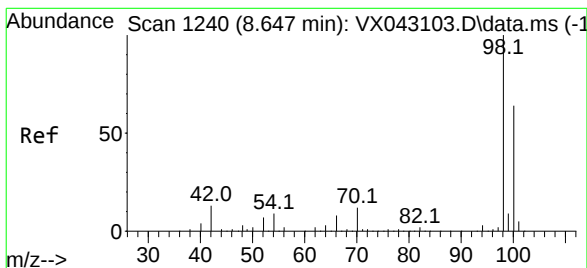
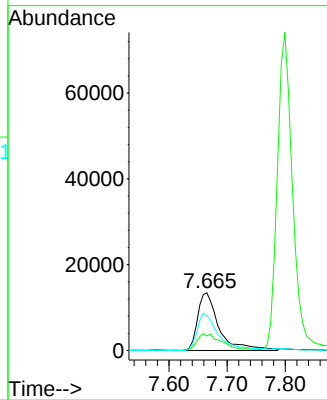
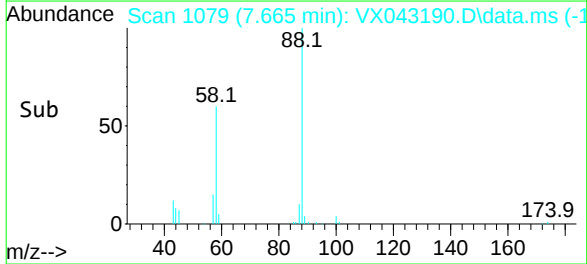
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 34380
Ion Ratio Lower Upper
88 100
43 33.2 29.5 44.3
58 64.9 52.5 78.7

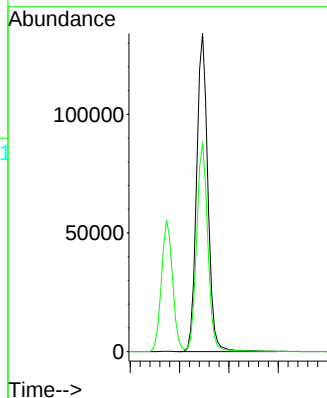
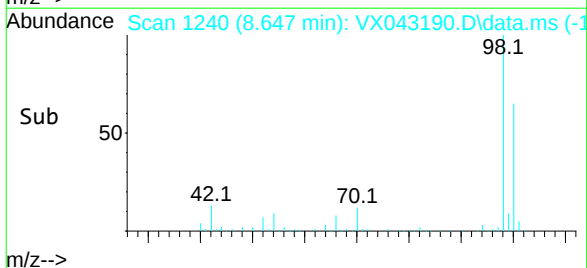
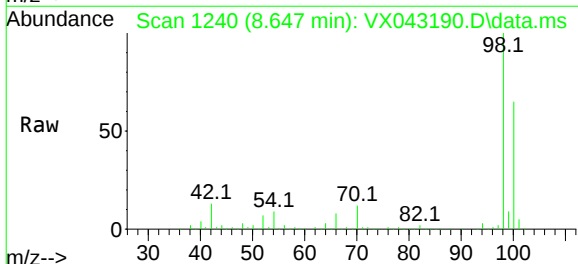
Manual Integrations
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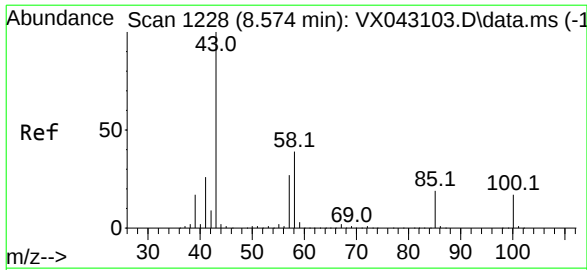
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#50
Toluene-d8
Concen: 46.107 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion: 98 Resp: 212129
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4





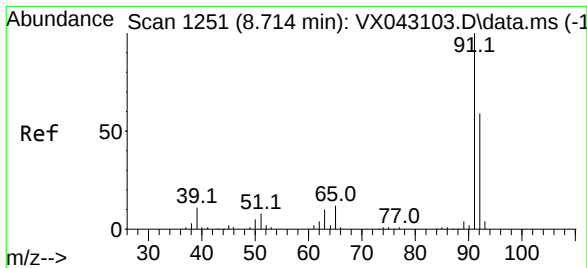
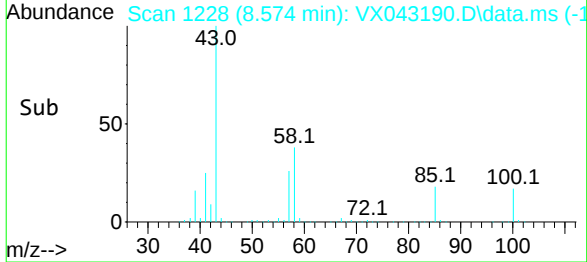
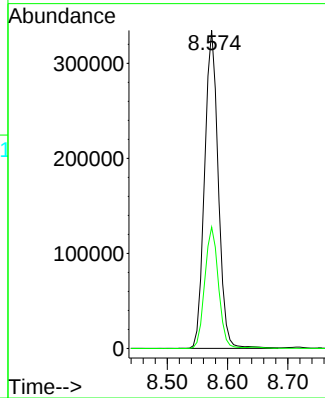
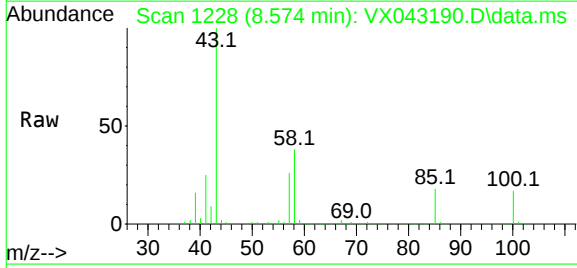
#51
4-Methyl-2-Pentanone
Concen: 244.977 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 527602
Ion Ratio Lower Upper
43 100
58 37.9 30.3 45.5

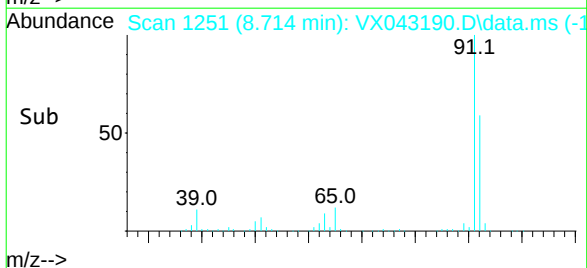
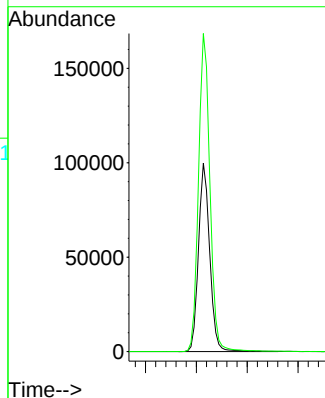
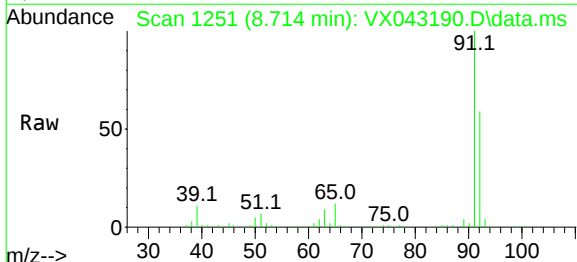
Manual Integrations
APPROVED

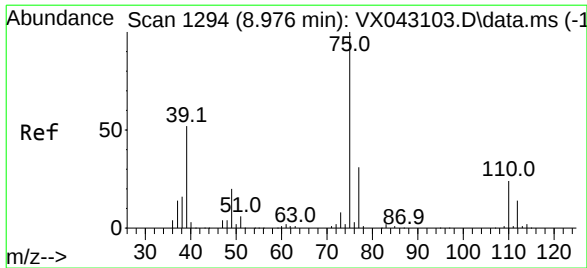
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#52
Toluene
Concen: 48.240 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion: 92 Resp: 153180
Ion Ratio Lower Upper
92 100
91 171.8 135.9 203.9





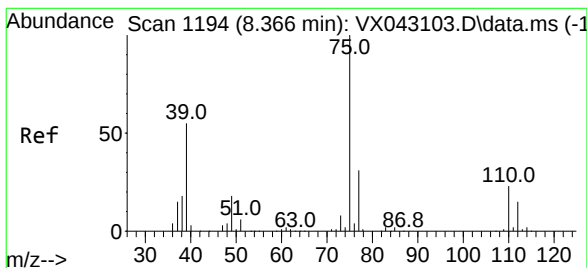
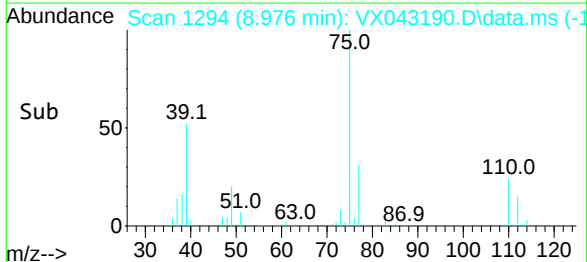
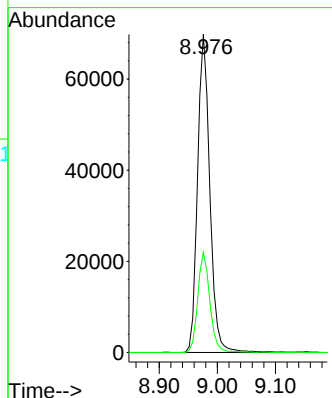
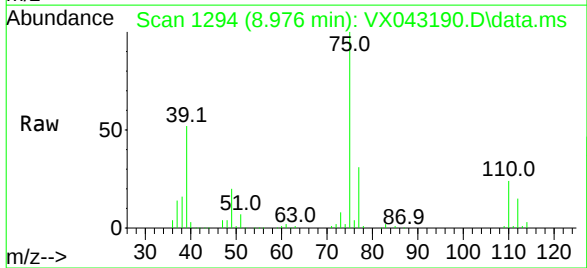
#53
t-1,3-Dichloropropene
Concen: 46.345 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 102307
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6

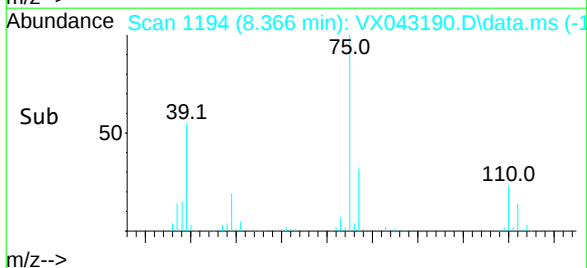
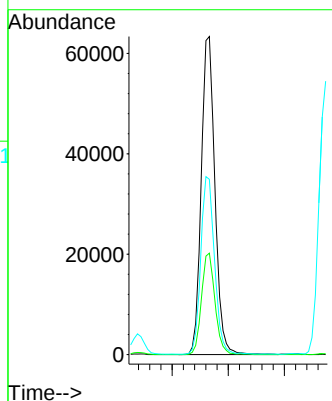
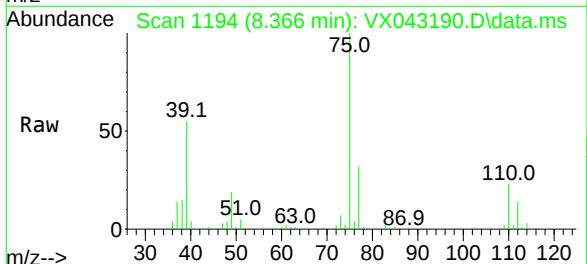
Manual Integrations
APPROVED

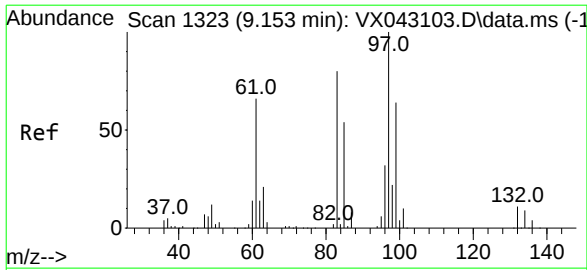
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#54
cis-1,3-Dichloropropene
Concen: 48.692 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion: 75 Resp: 107346
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 55.0 43.8 65.8





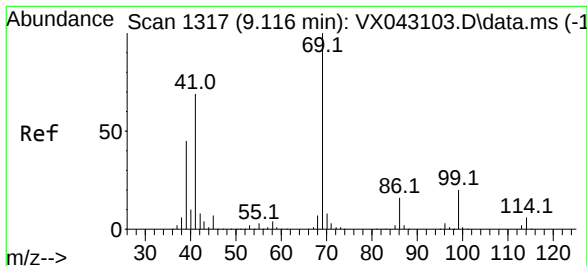
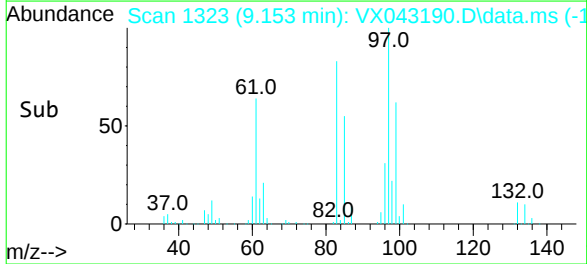
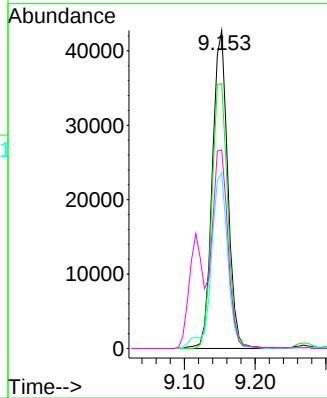
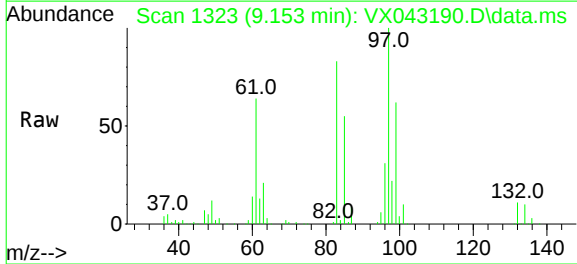
#55
1,1,2-Trichloroethane
Concen: 49.447 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.3	64.2	96.4
85	55.2	43.0	64.6
99	62.2	51.4	77.2

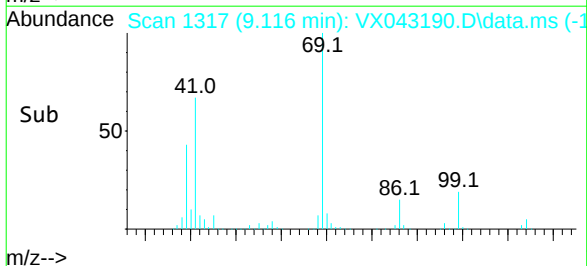
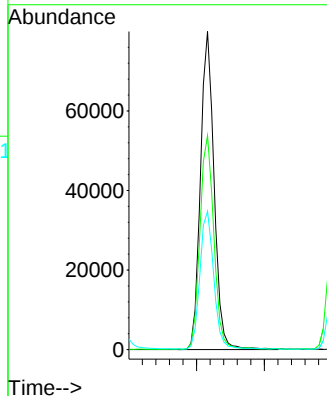
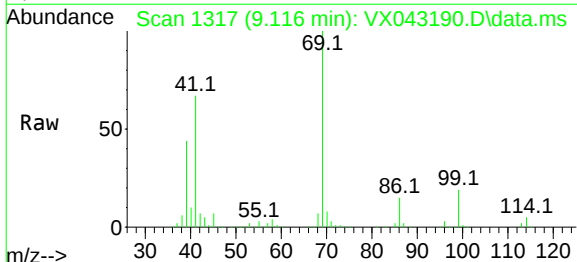
Manual Integrations
APPROVED

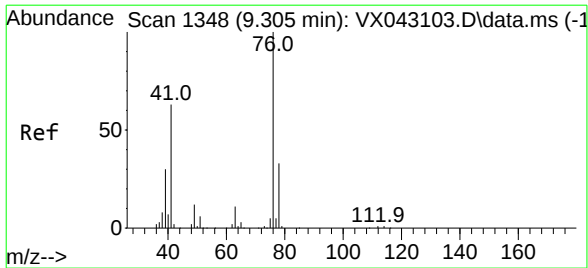
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#56
Ethyl methacrylate
Concen: 49.081 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.4	83.2
39	44.0	36.3	54.5





#57
 1,3-Dichloropropane
 Concen: 48.793 ug/l
 RT: 9.305 min Scan# 1348
 Delta R.T. -0.000 min
 Lab File: VX043190.D
 Acq: 30 Sep 2024 10:52

Instrument :

MSVOA_X

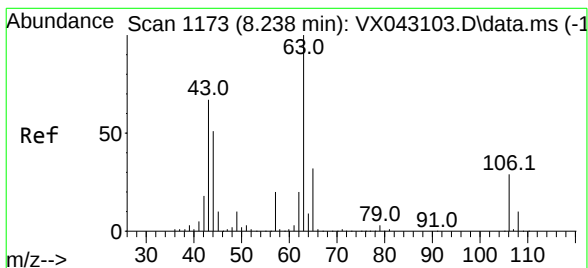
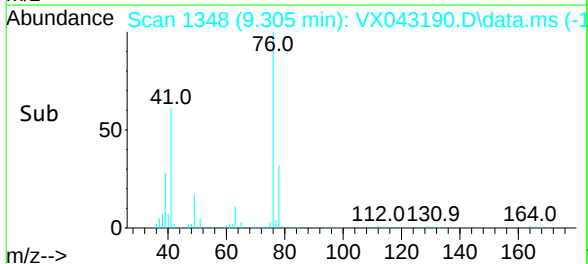
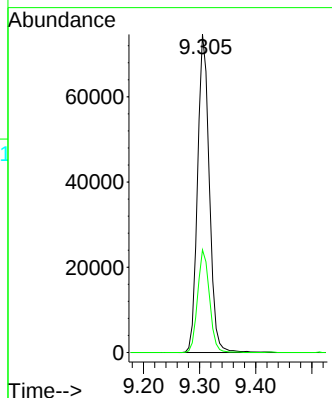
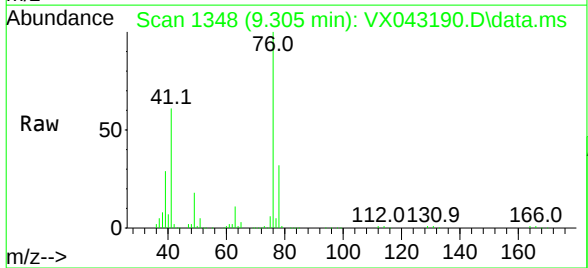
ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 108501
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.5 39.7

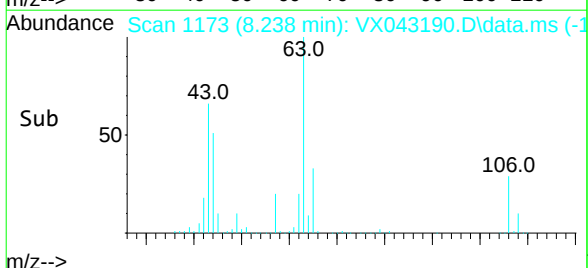
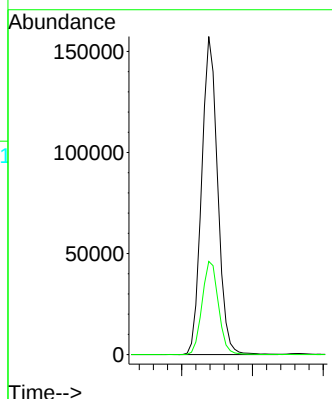
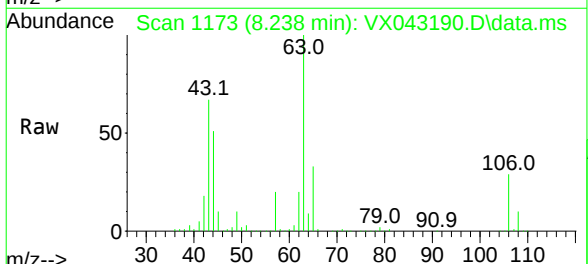
Manual Integrations
 APPROVED

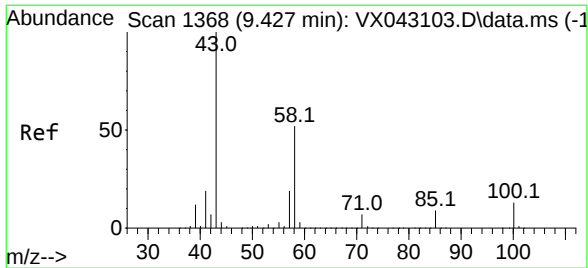
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#58
 2-Chloroethyl Vinyl ether
 Concen: 268.945 ug/l
 RT: 8.238 min Scan# 1173
 Delta R.T. -0.000 min
 Lab File: VX043190.D
 Acq: 30 Sep 2024 10:52

Tgt Ion: 63 Resp: 247400
 Ion Ratio Lower Upper
 63 100
 106 29.9 24.0 36.0





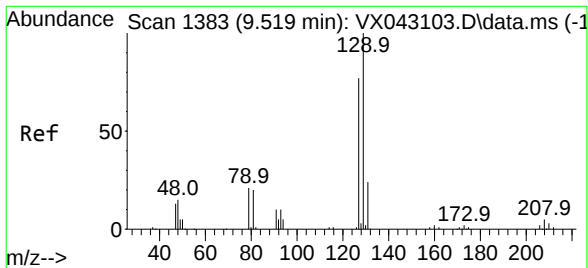
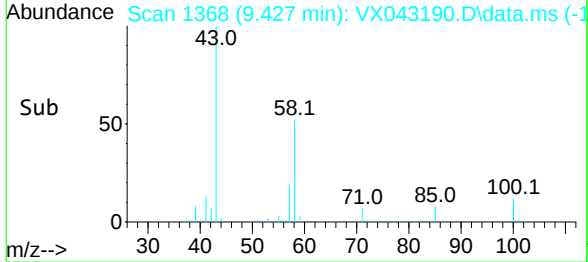
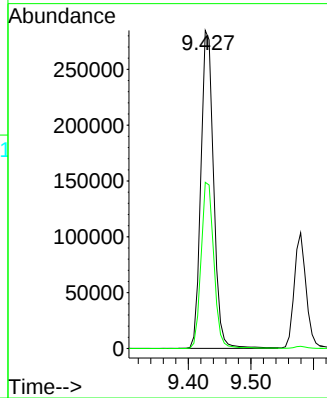
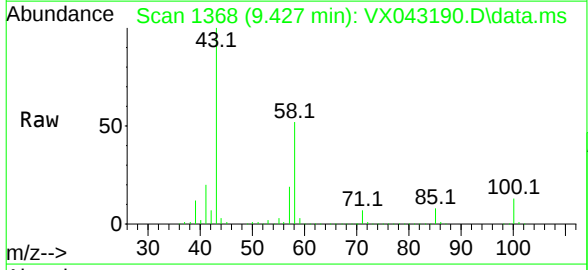
#59
2-Hexanone
Concen: 238.746 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 402051
Ion Ratio Lower Upper
43 100
58 52.7 26.1 78.2

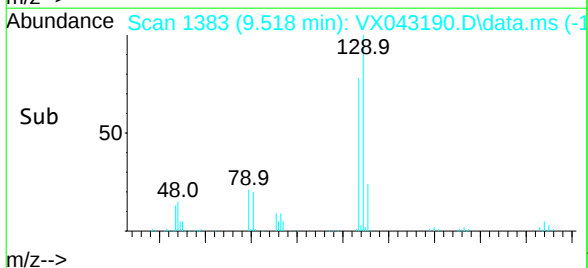
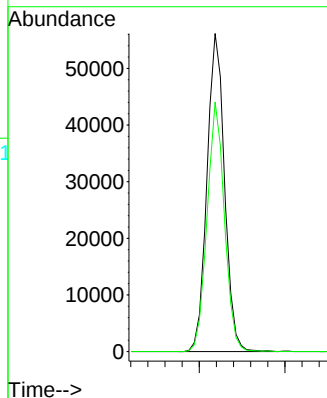
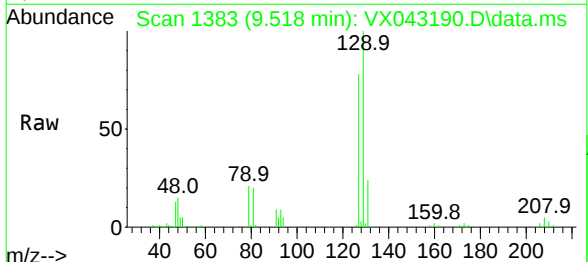
Manual Integrations
APPROVED

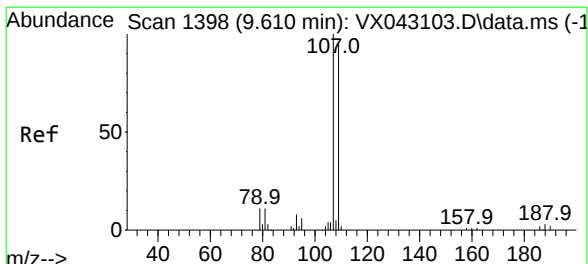
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#60
Dibromochloromethane
Concen: 46.807 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion:129 Resp: 79917
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.1





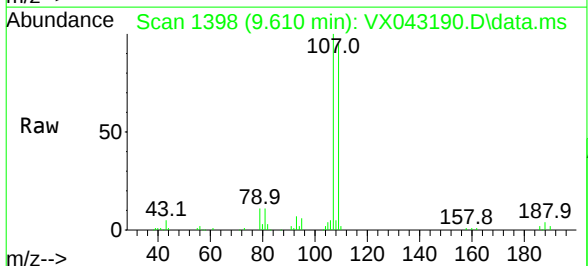
#61
 1,2-Dibromoethane
 Concen: 47.993 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. -0.000 min
 Lab File: VX043190.D
 Acq: 30 Sep 2024 10:52

Instrument :

MSVOA_X

ClientSampleId :

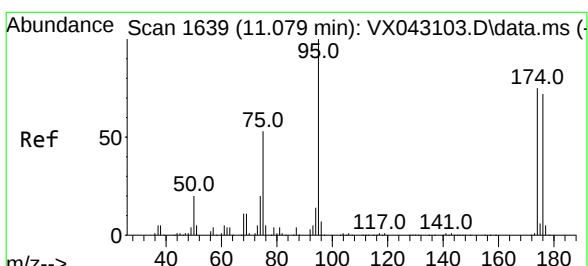
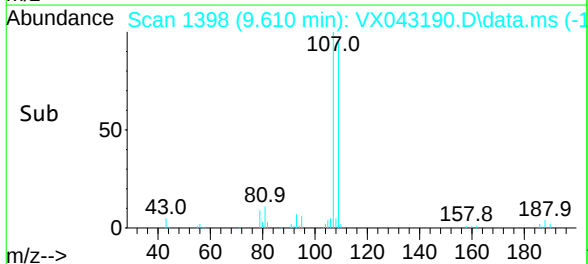
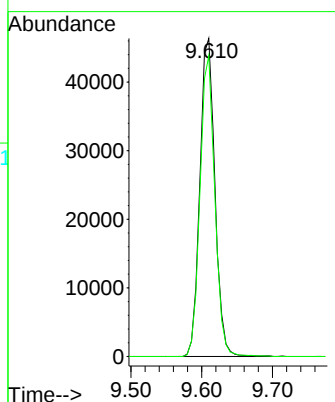
VSTDCCC050



Tgt Ion:	107	Resp:	68656
Ion	Ratio	Lower	Upper
107	100		
109	93.0	75.1	112.7

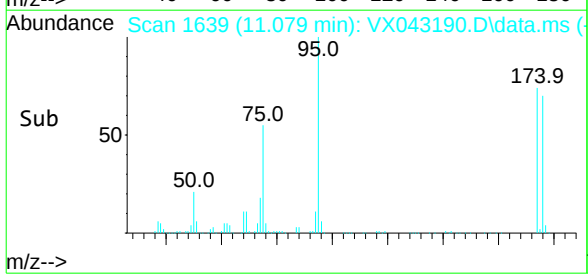
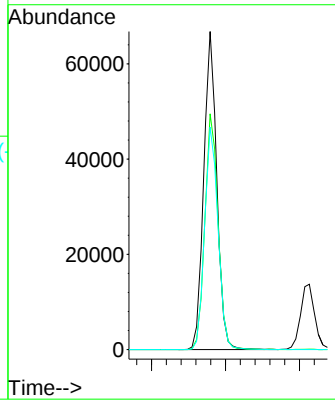
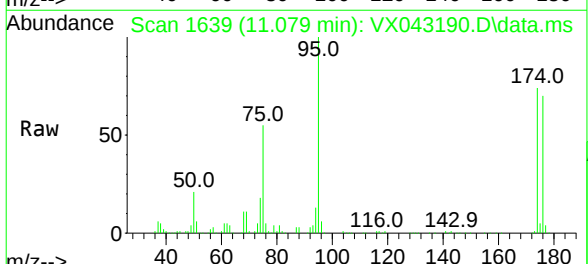
Manual Integrations
 APPROVED

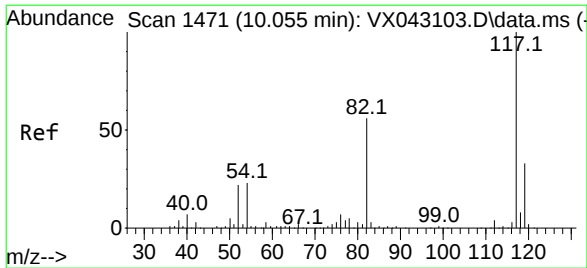
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#62
 4-Bromofluorobenzene
 Concen: 44.084 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX043190.D
 Acq: 30 Sep 2024 10:52

Tgt Ion:	95	Resp:	81680
Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	146.0
176	71.9	0.0	142.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

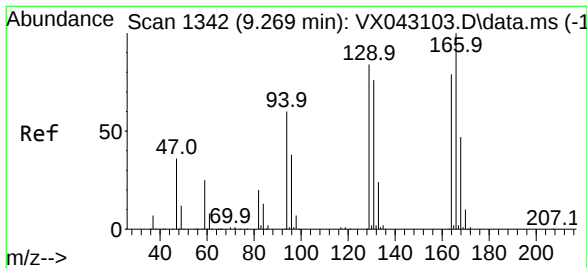
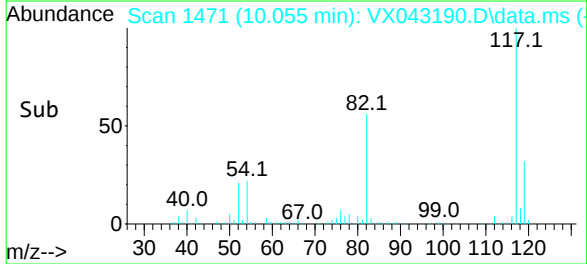
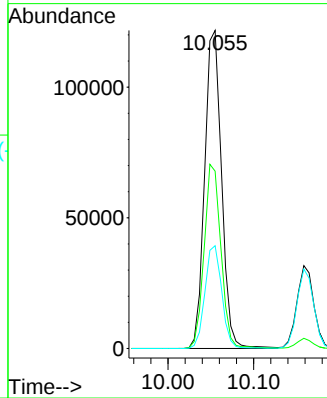
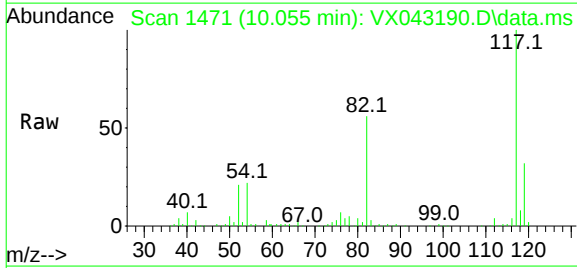
Tgt Ion:	117	Resp:	167112
Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.7	67.1
119	32.3	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#64

Tetrachloroethene

Concen: 45.879 ug/l

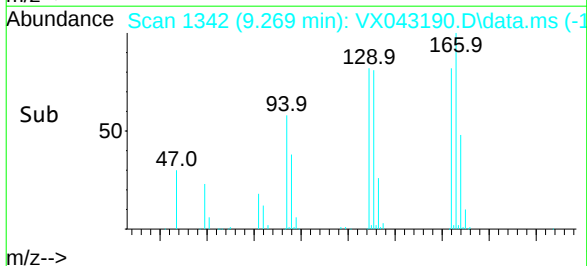
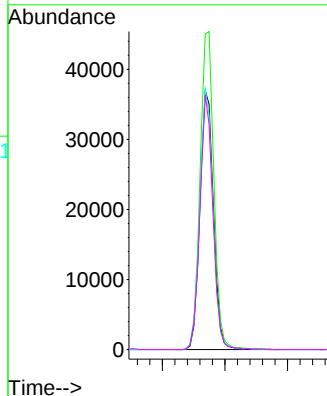
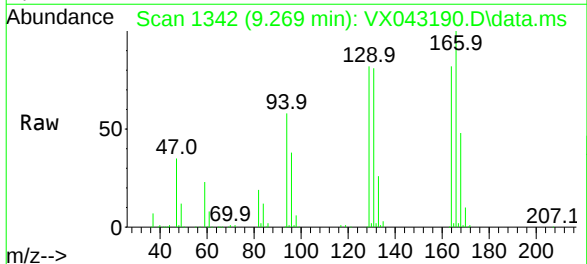
RT: 9.269 min Scan# 1342

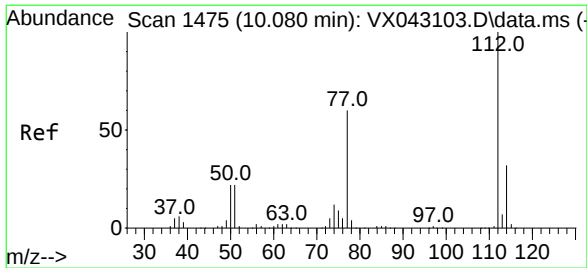
Delta R.T. -0.000 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Tgt Ion:	164	Resp:	55550
Ion	Ratio	Lower	Upper
164	100		
166	121.8	101.2	151.8
129	100.5	84.7	127.1
131	98.1	77.2	115.8





#65

Chlorobenzene

Concen: 48.423 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 174563

Ion Ratio Lower Upper

112 100

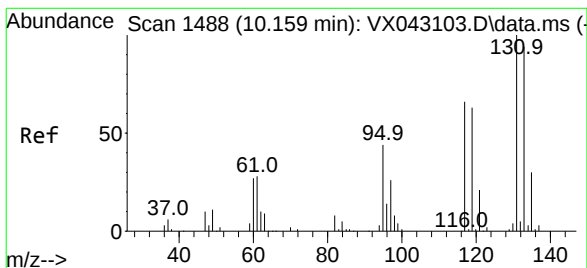
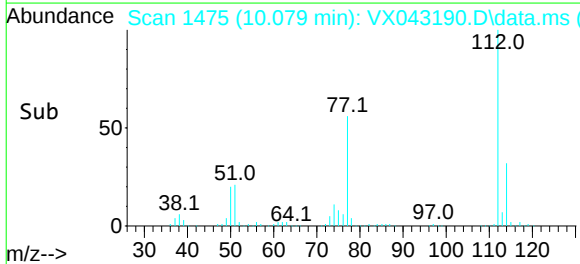
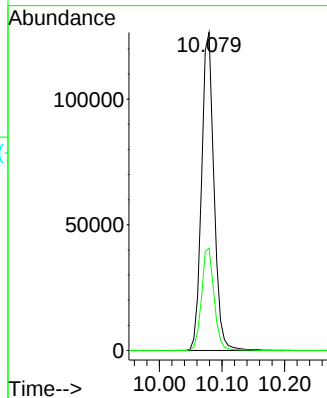
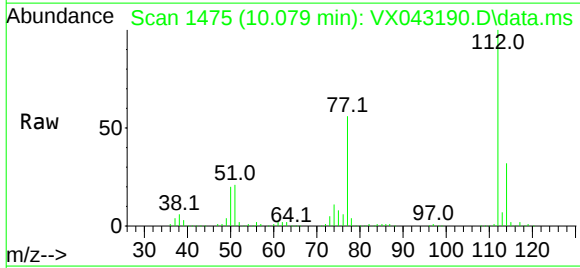
114 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 49.177 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

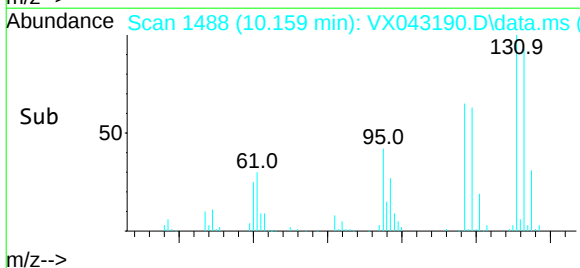
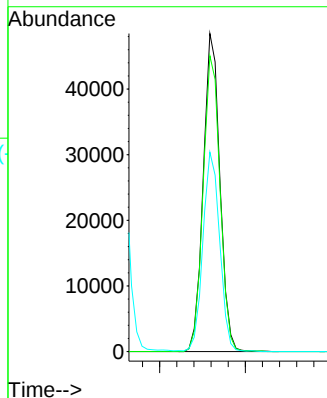
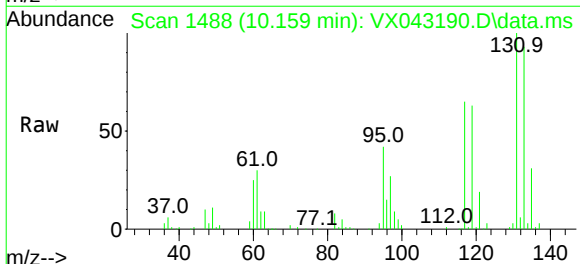
Tgt Ion:131 Resp: 65391

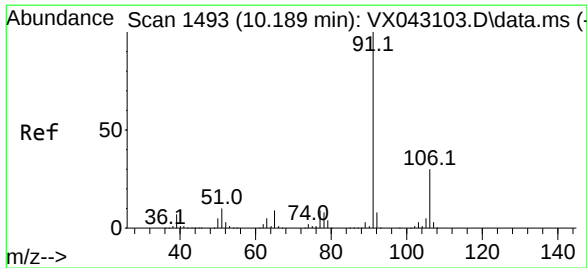
Ion Ratio Lower Upper

131 100

133 94.6 47.9 143.6

119 63.2 31.8 95.4





#67

Ethyl Benzene

Concen: 49.010 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 305622

Ion Ratio Lower Upper

91 100

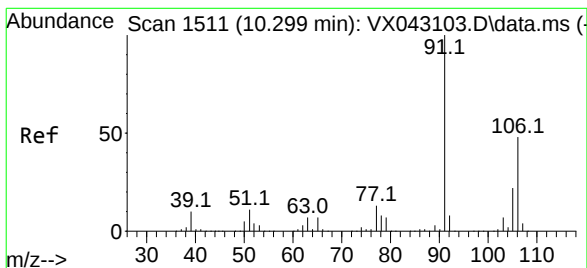
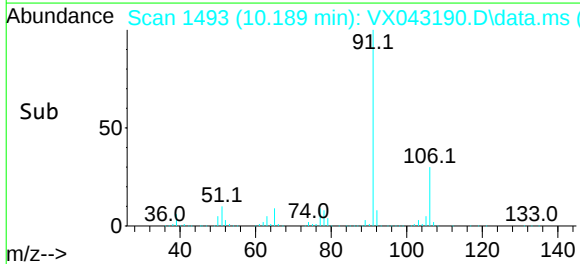
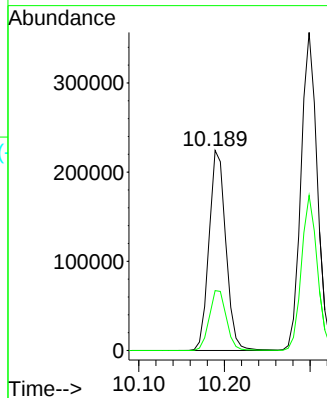
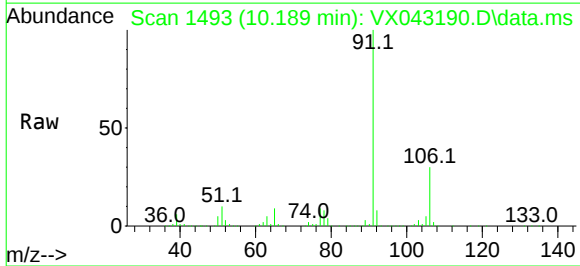
106 29.9 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#68

m/p-Xylenes

Concen: 97.144 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043190.D

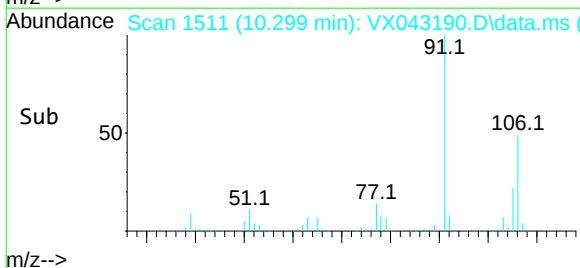
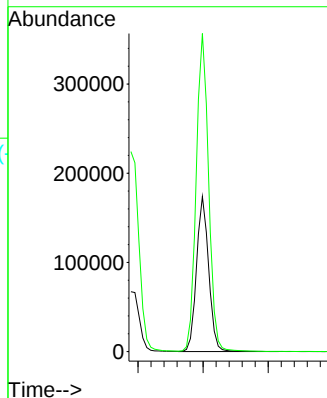
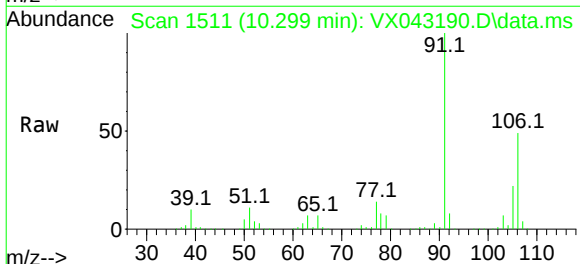
Acq: 30 Sep 2024 10:52

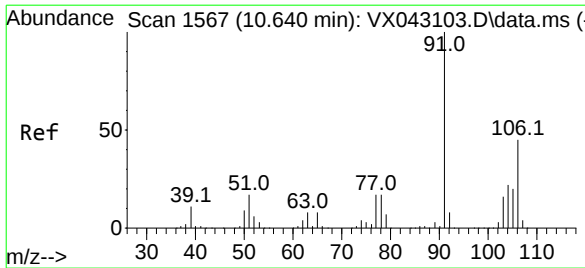
Tgt Ion:106 Resp: 225442

Ion Ratio Lower Upper

106 100

91 209.3 167.5 251.3





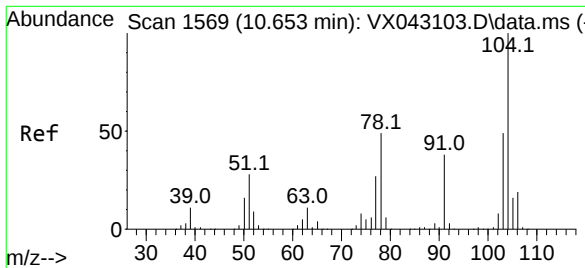
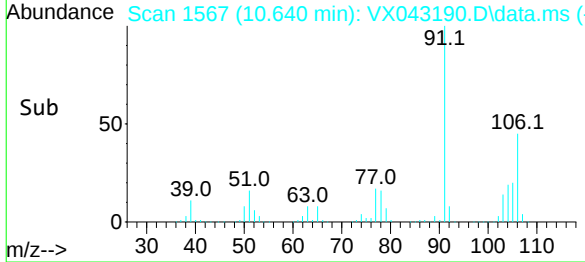
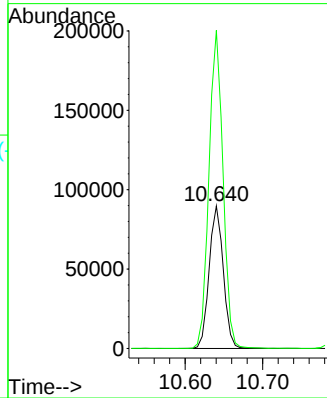
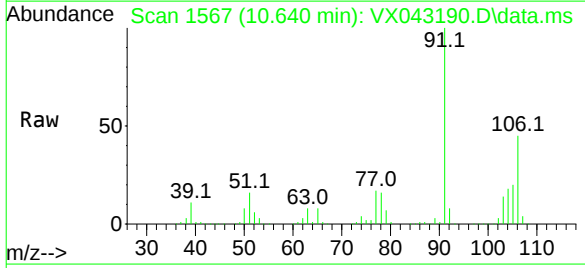
#69
o-Xylene
Concen: 48.945 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 113926
Ion Ratio Lower Upper
106 100
91 221.2 112.5 337.4

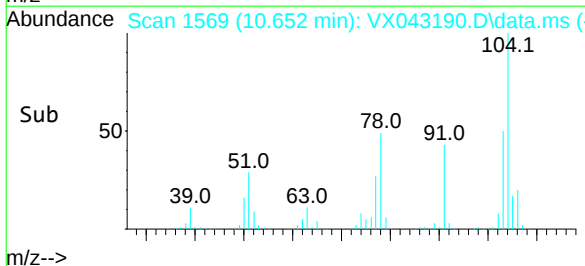
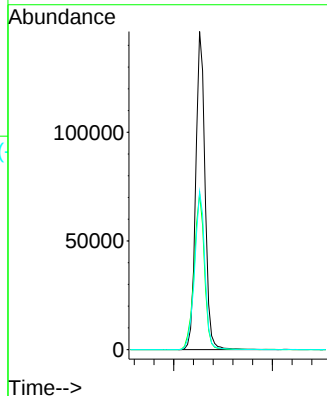
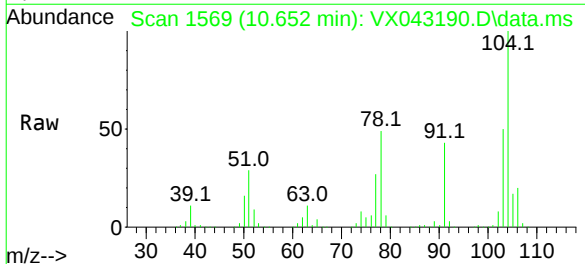
Manual Integrations
APPROVED

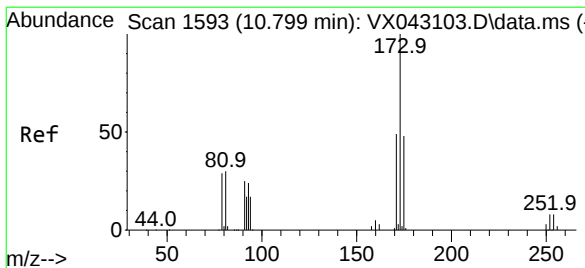
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#70
Styrene
Concen: 49.351 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion:104 Resp: 191614
Ion Ratio Lower Upper
104 100
78 54.4 44.3 66.5
103 54.6 43.4 65.0





#71

Bromoform

Concen: 47.599 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Instrument :

MSVOA_X

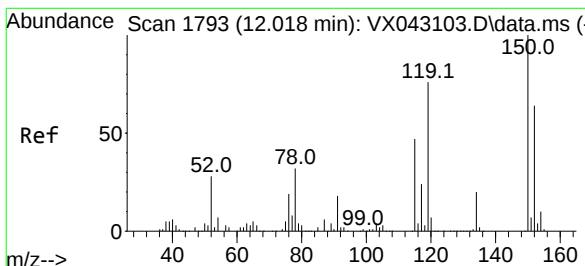
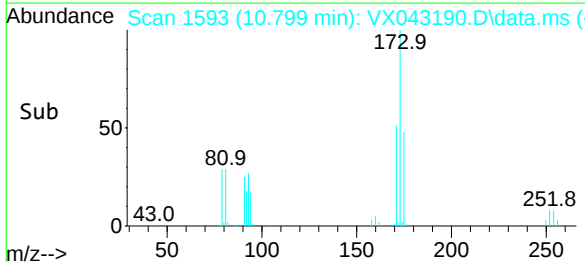
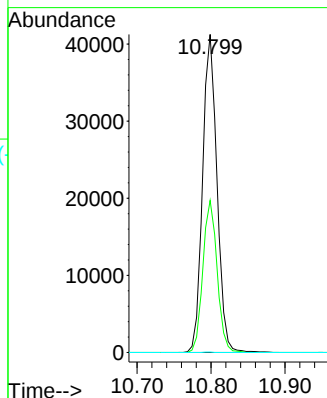
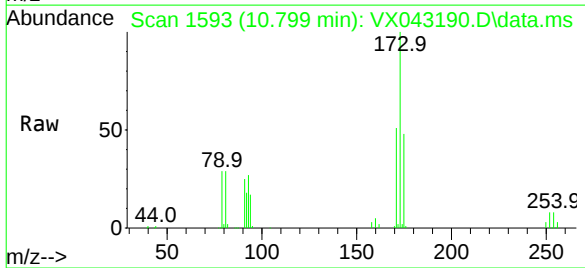
ClientSampleId :

VSTDCCC050

Tgt Ion:	173	Resp:	55668
Ion Ratio	Lower	Upper	
173	100		
175	47.4	24.6	73.6
254	0.1	0.0	0.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

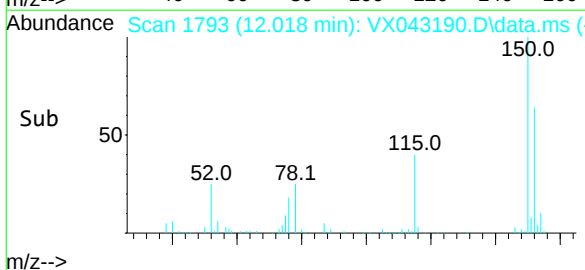
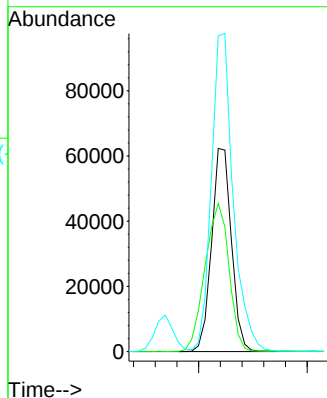
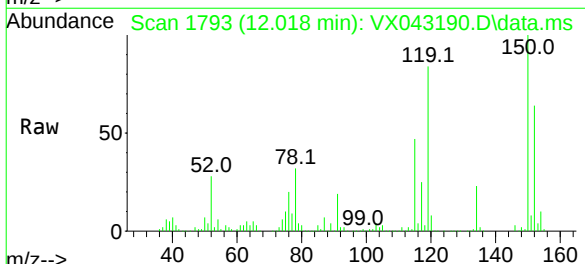
RT: 12.018 min Scan# 1793

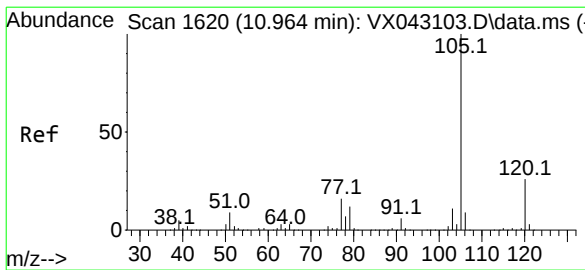
Delta R.T. -0.000 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Tgt Ion:	152	Resp:	79152
Ion Ratio	Lower	Upper	
152	100		
115	88.2	43.7	131.1
150	171.7	0.0	344.6





#73

Isopropylbenzene

Concen: 50.365 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 298969

Ion Ratio Lower Upper

105 100

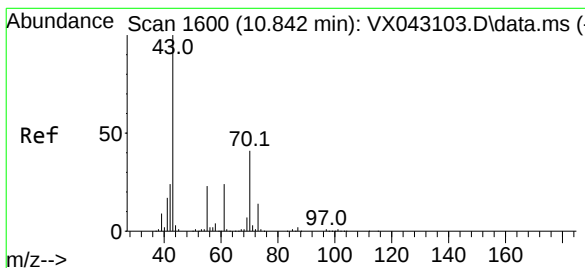
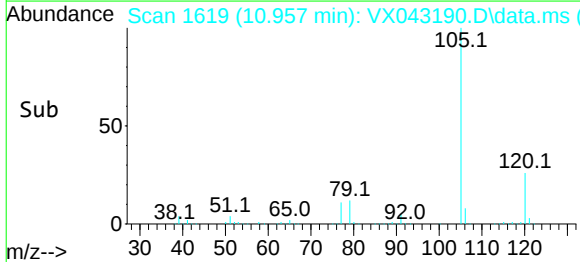
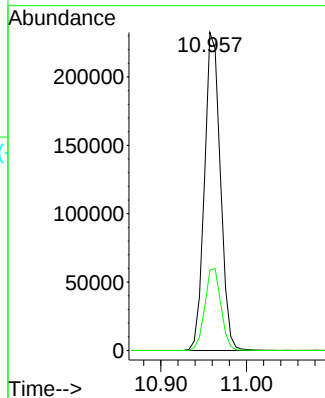
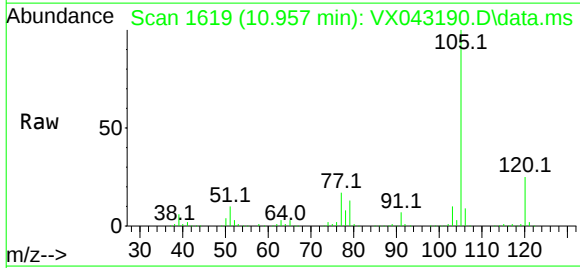
120 26.3 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#74

N-ethyl acetate

Concen: 51.209 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Tgt Ion: 43 Resp: 142827

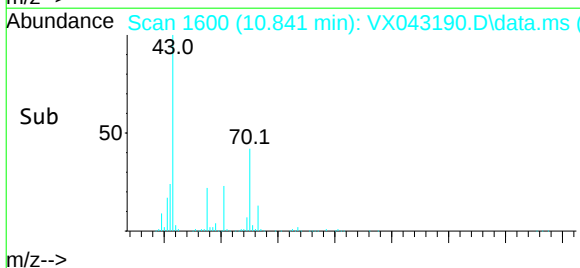
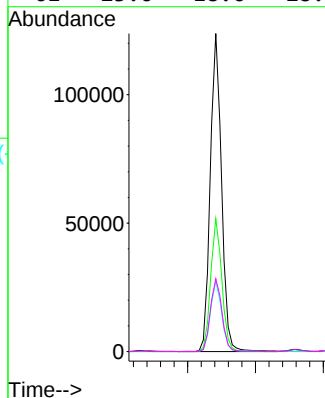
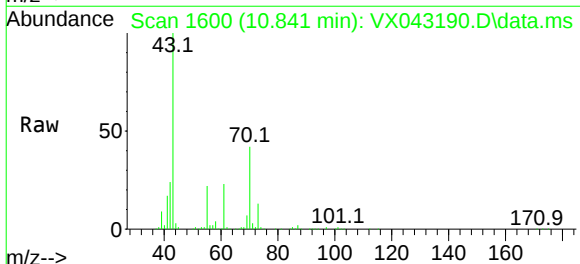
Ion Ratio Lower Upper

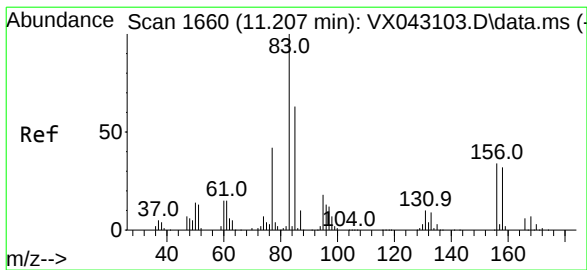
43 100

70 41.5 32.5 48.7

55 22.2 18.2 27.4

61 23.6 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.485 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

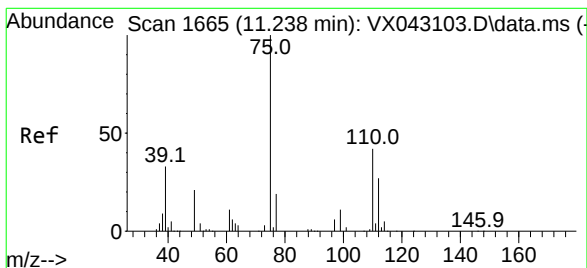
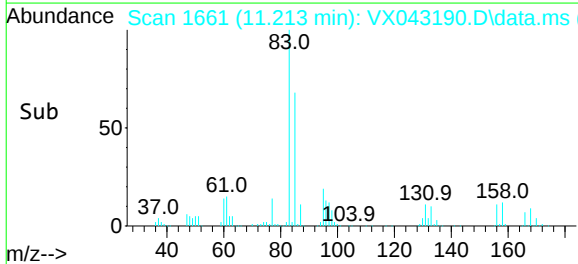
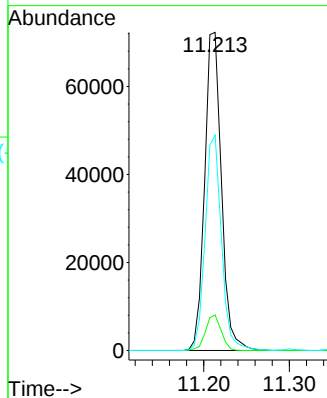
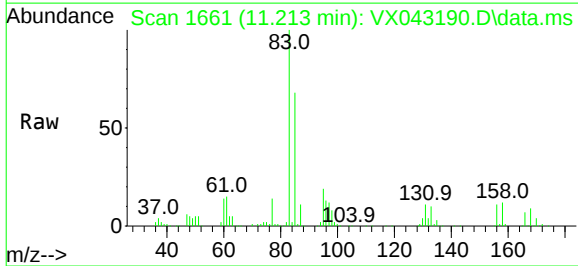
Tgt Ion:	83	Resp:	98343
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.3	15.8
85	66.0	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#76

1,2,3-Trichloropropane

Concen: 51.953 ug/l m

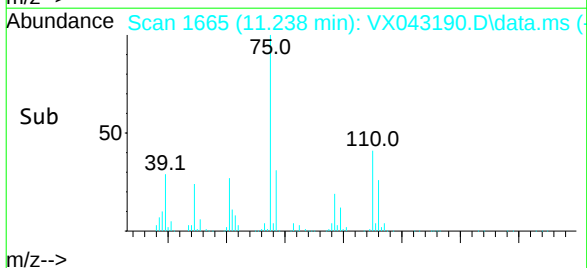
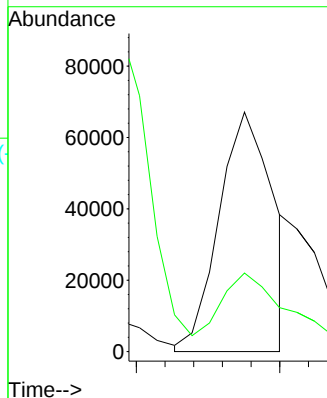
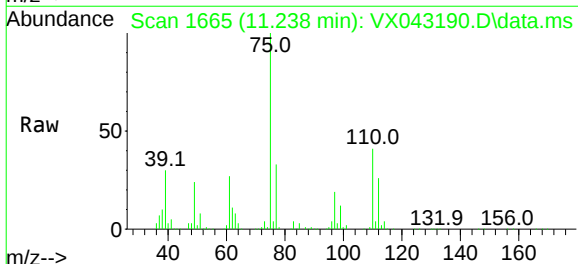
RT: 11.238 min Scan# 1665

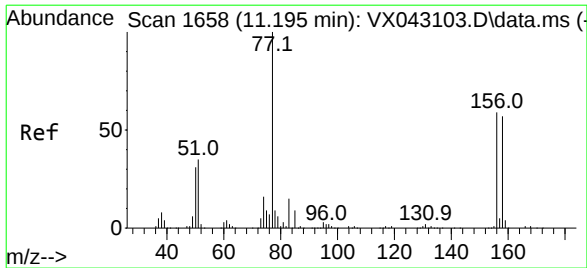
Delta R.T. -0.000 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Tgt Ion:	75	Resp:	87427
Ion	Ratio	Lower	Upper
75	100		
77	43.4	21.9	65.7





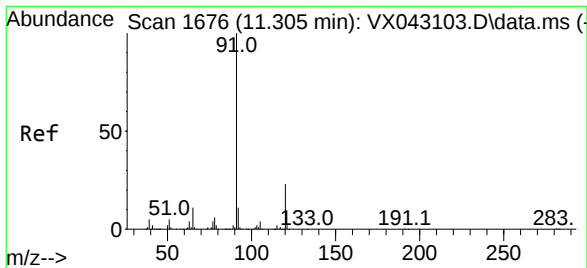
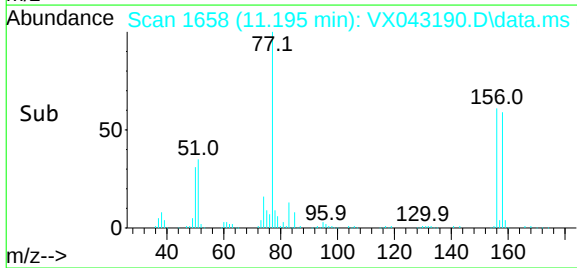
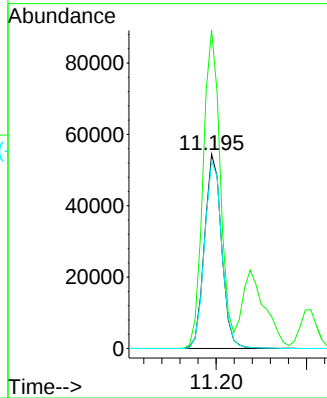
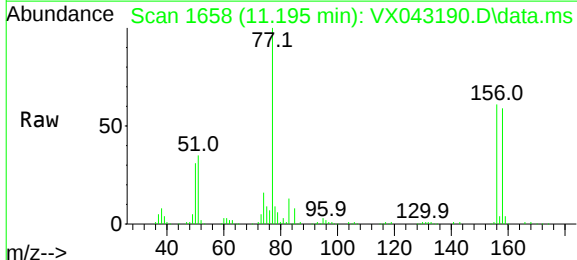
#77
Bromobenzene
Concen: 50.107 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 156 Resp: 71405
Ion Ratio Lower Upper
156 100
77 164.6 82.5 247.3
158 98.7 48.2 144.6

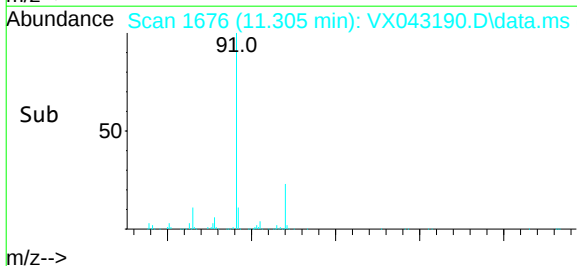
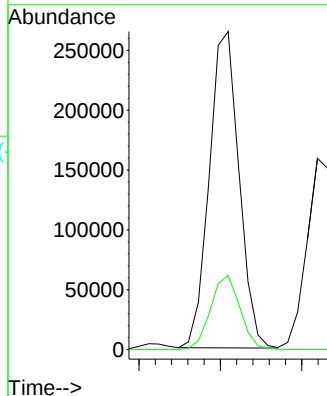
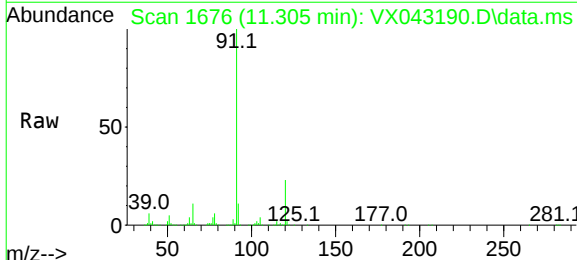
Manual Integrations
APPROVED

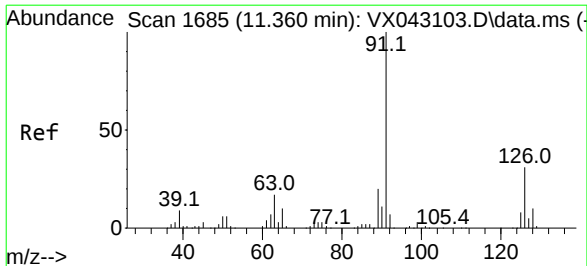
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#78
n-propylbenzene
Concen: 49.900 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion: 91 Resp: 336065
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5





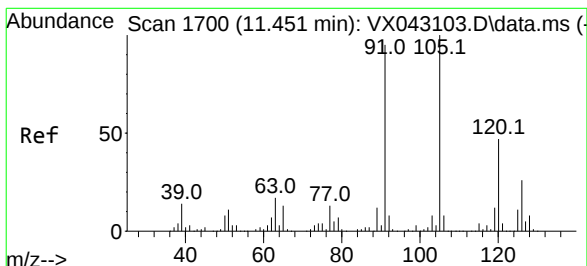
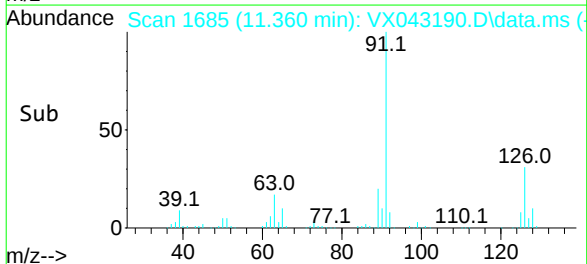
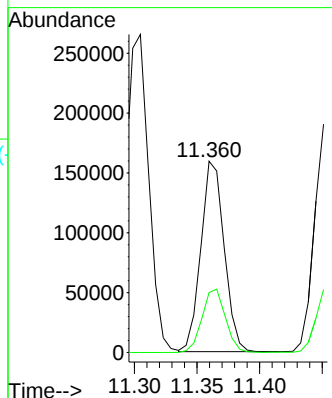
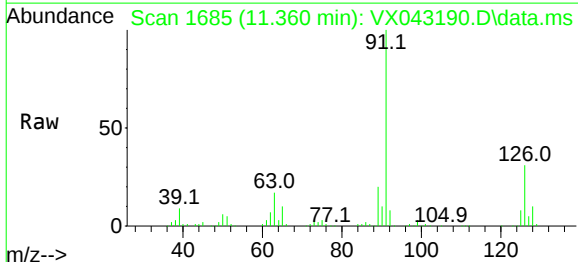
#79
2-Chlorotoluene
Concen: 48.785 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 206077
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.1

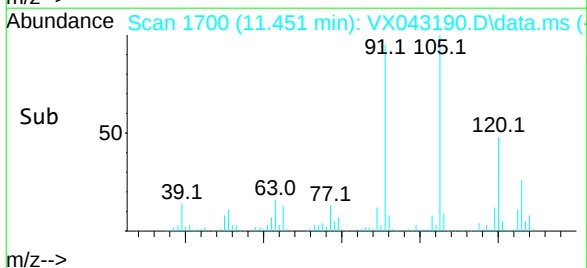
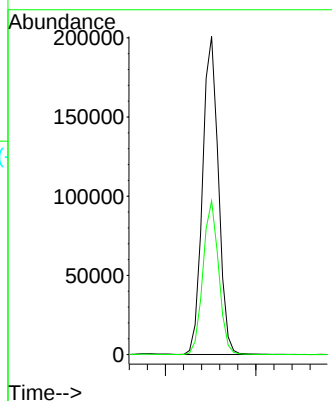
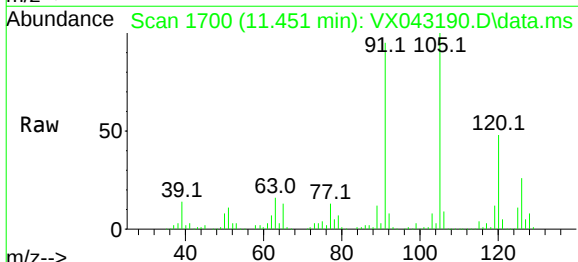
Manual Integrations
APPROVED

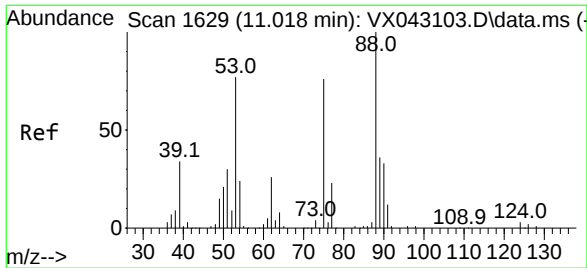
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.969 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion:105 Resp: 245414
Ion Ratio Lower Upper
105 100
120 47.7 23.5 70.5





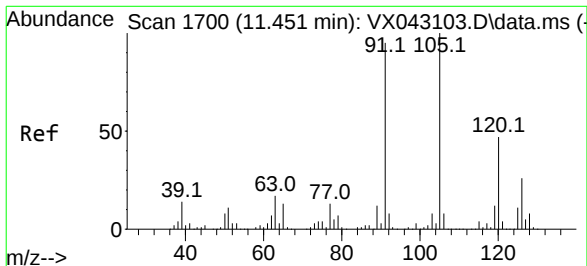
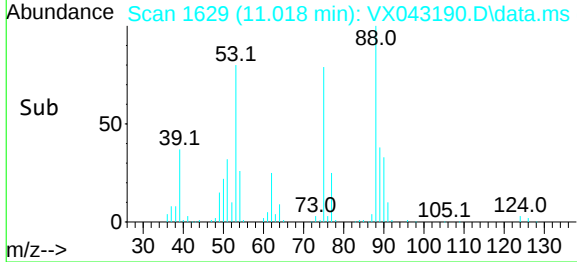
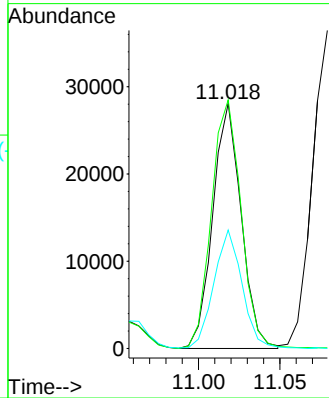
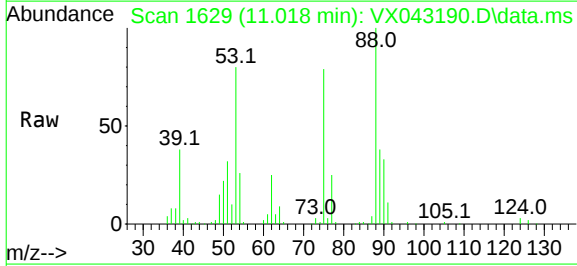
#81
trans-1,4-Dichloro-2-butene
Concen: 48.199 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Tgt Ion: 75 Resp: 34043
Ion Ratio Lower Upper
75 100
53 106.3 85.4 128.2
89 48.2 38.8 58.2

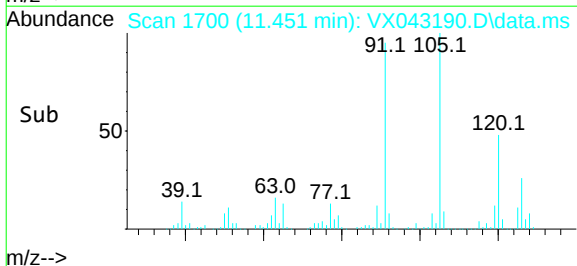
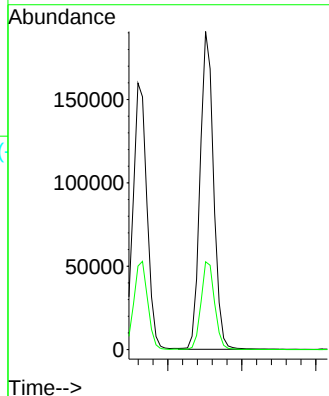
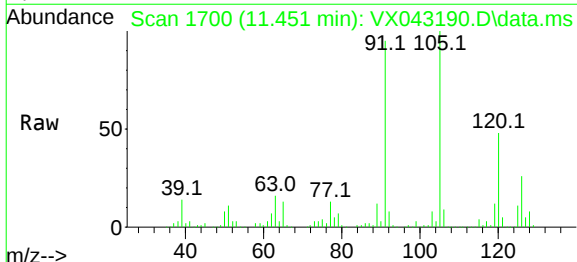
Manual Integrations
APPROVED

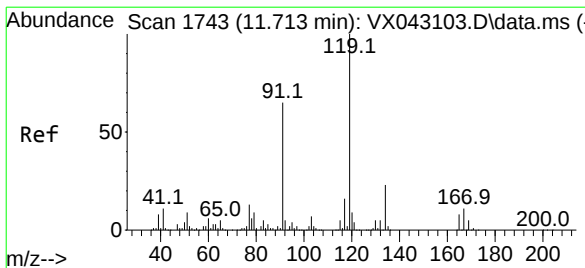
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#82
4-Chlorotoluene
Concen: 49.845 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

Tgt Ion: 91 Resp: 240663
Ion Ratio Lower Upper
91 100
126 28.0 14.1 42.4





#83

tert-Butylbenzene

Concen: 50.567 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

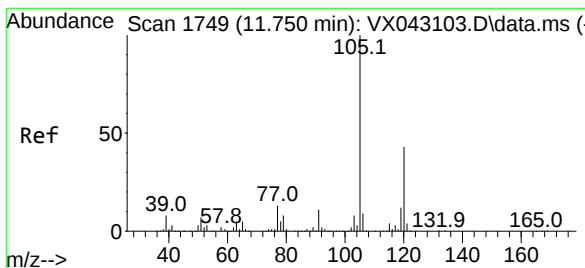
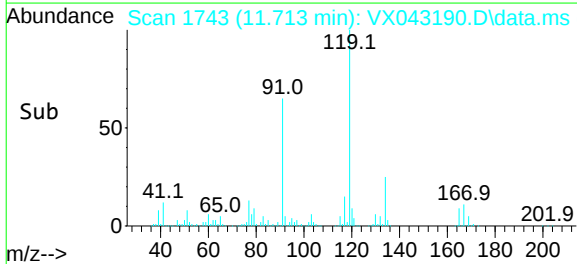
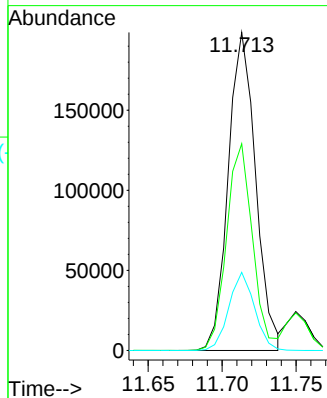
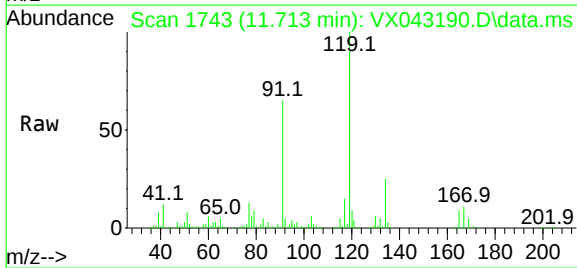
Tgt Ion:	119	Resp:	255914
Ion	Ratio	Lower	Upper
119	100		
91	62.0	31.8	95.3
134	23.0	11.6	34.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#84

1,2,4-Trimethylbenzene

Concen: 51.043 ug/l

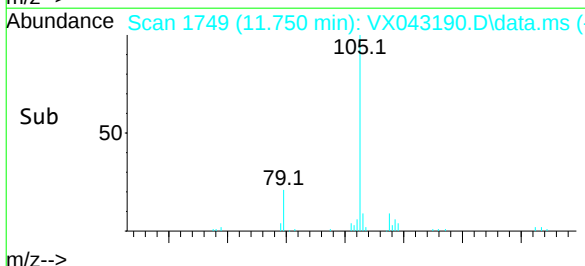
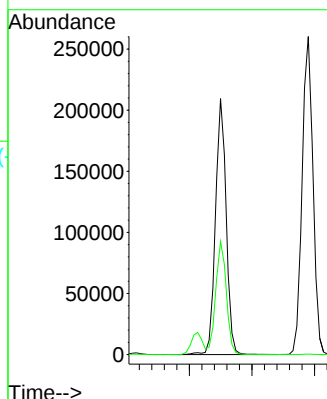
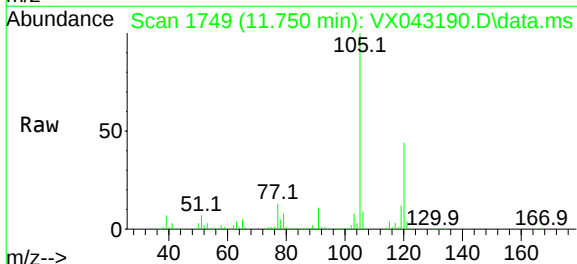
RT: 11.750 min Scan# 1749

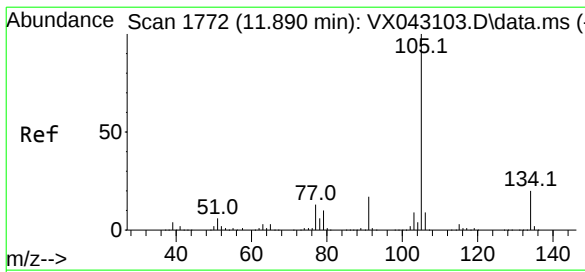
Delta R.T. -0.000 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

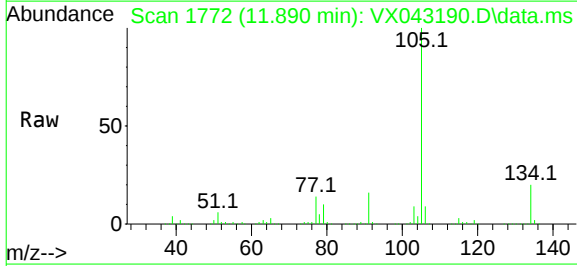
Tgt Ion:	105	Resp:	249405
Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.8	65.4





#85
sec-Butylbenzene
Concen: 50.392 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

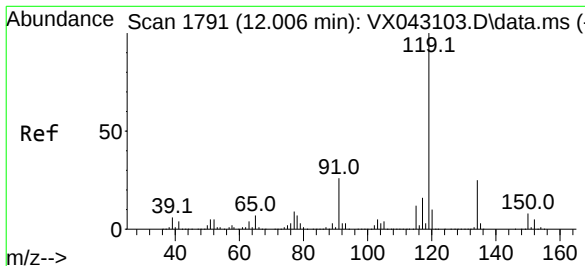
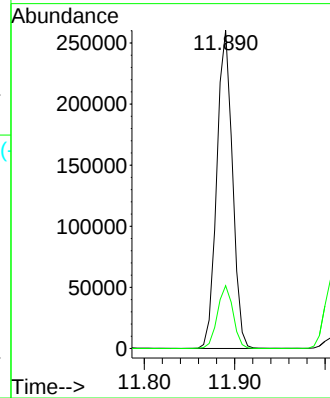
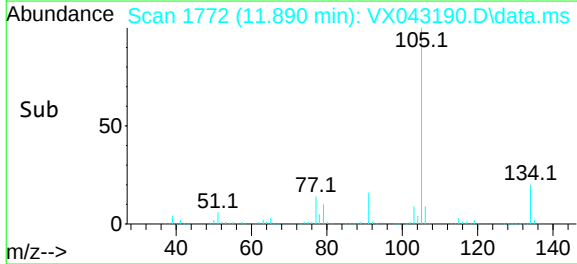
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 313440
Ion Ratio Lower Upper
105 100
134 19.8 10.0 29.8

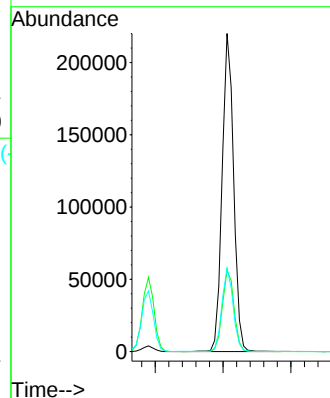
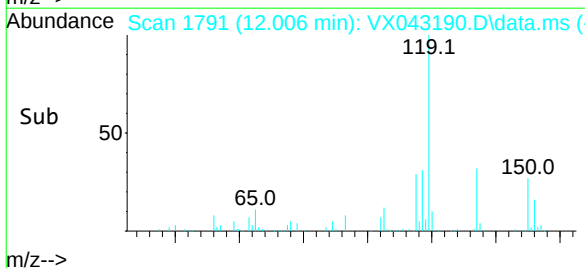
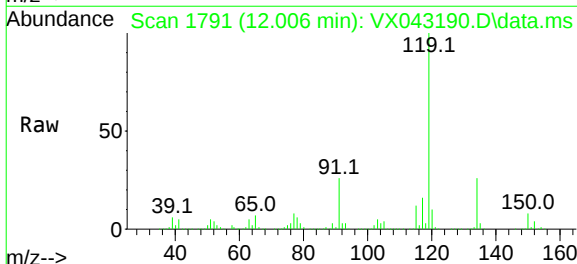
Manual Integrations
APPROVED

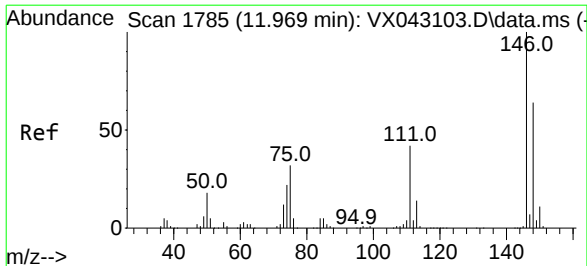
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#86
p-Isopropyltoluene
Concen: 50.173 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

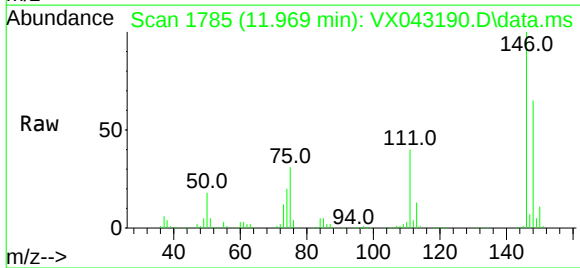
Tgt Ion:119 Resp: 259093
Ion Ratio Lower Upper
119 100
134 26.0 12.9 38.6
91 25.6 13.3 39.8





#87
1,3-Dichlorobenzene
Concen: 50.236 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

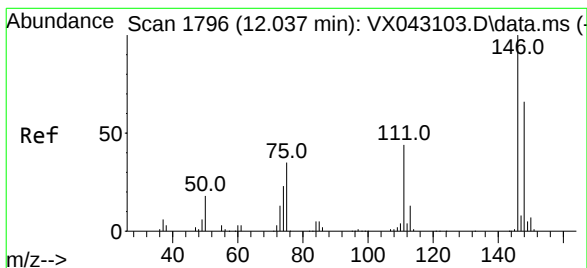
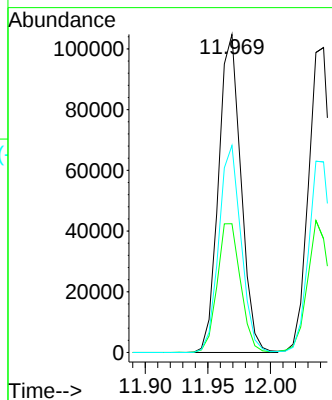
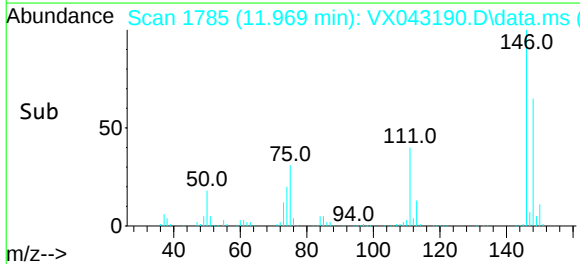
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 130530
Ion Ratio Lower Upper
146 100
111 42.2 21.6 64.6
148 64.5 31.9 95.5

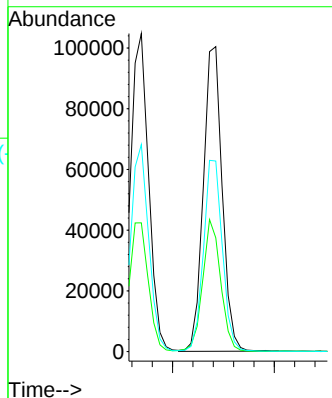
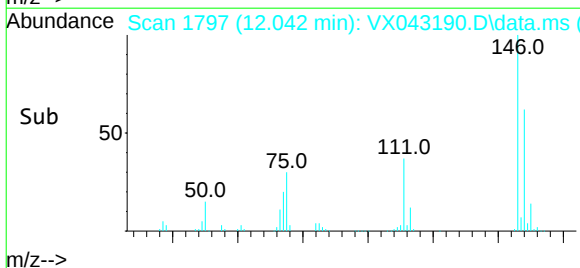
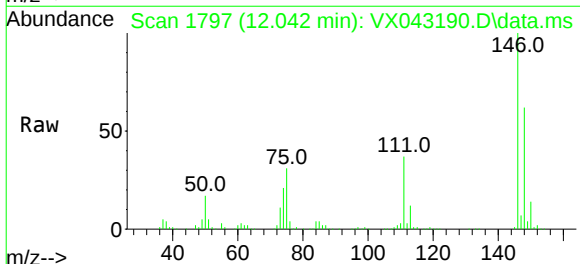
Manual Integrations
APPROVED

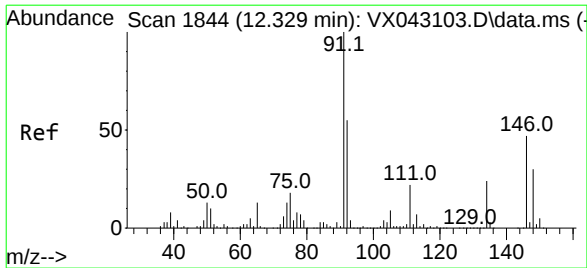
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#88
1,4-Dichlorobenzene
Concen: 49.541 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

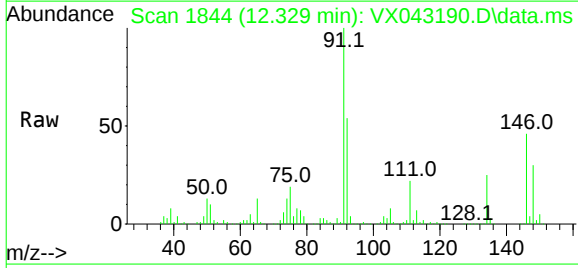
Tgt Ion:146 Resp: 129083
Ion Ratio Lower Upper
146 100
111 41.4 21.2 63.6
148 63.0 32.6 98.0





#89
n-Butylbenzene
Concen: 49.611 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

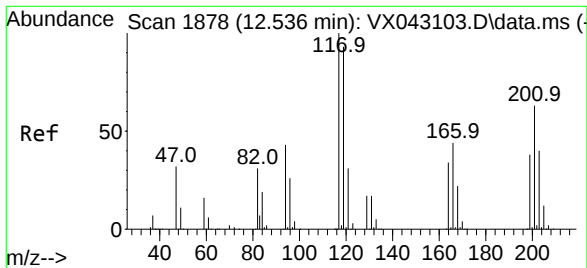
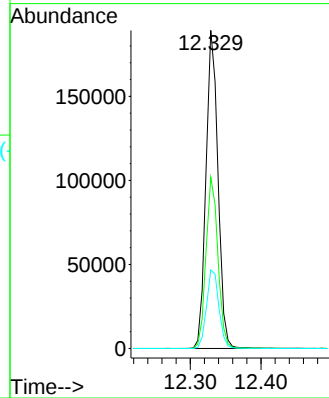
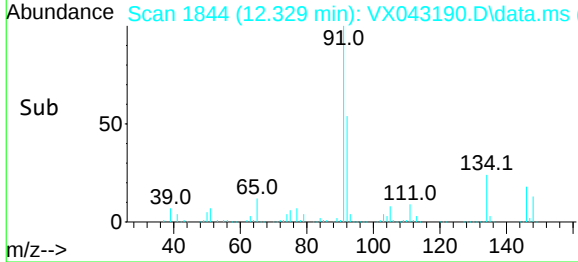
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 223271
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.7
134 25.4 12.6 37.6

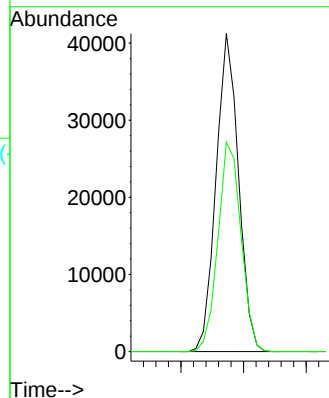
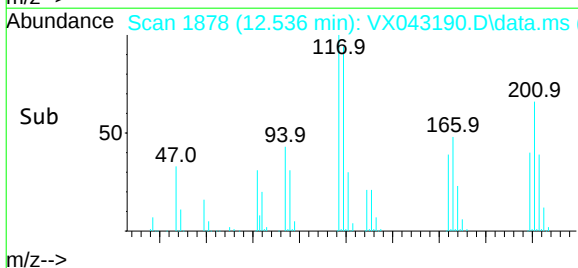
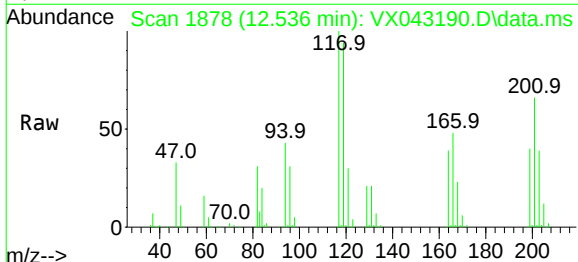
Manual Integrations
APPROVED

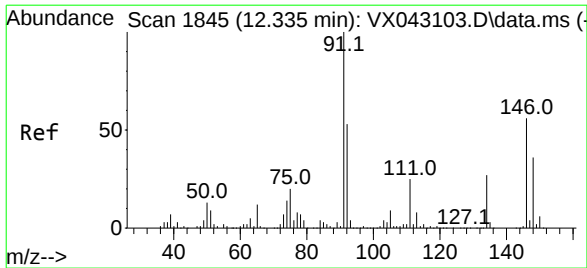
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#90
Hexachloroethane
Concen: 49.824 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

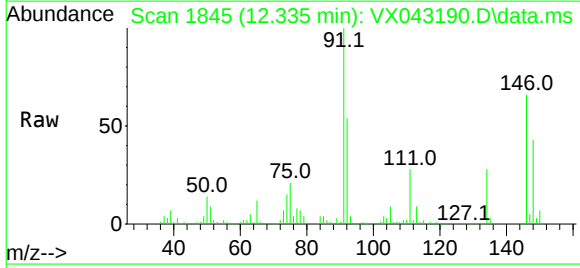
Tgt Ion:117 Resp: 51275
Ion Ratio Lower Upper
117 100
201 67.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.809 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52

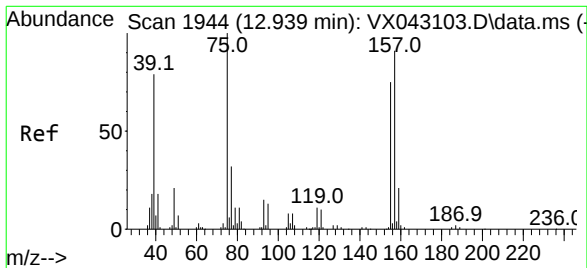
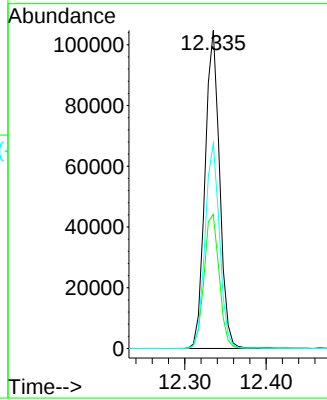
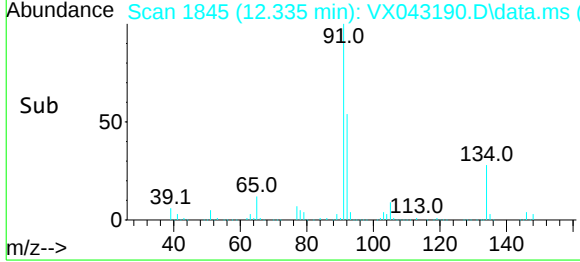
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



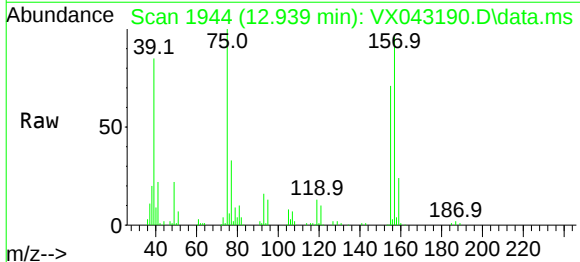
Tgt Ion: 146 Resp: 130014
Ion Ratio Lower Upper
146 100
111 43.8 22.6 67.8
148 63.9 32.0 96.2

Manual Integrations
APPROVED

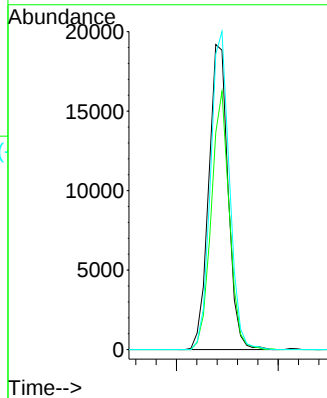
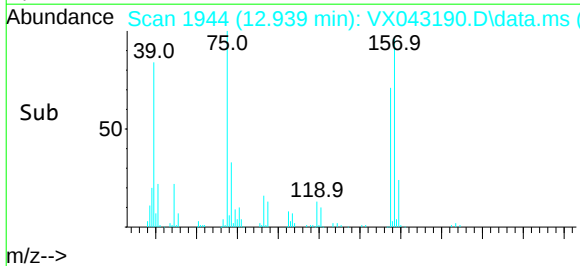
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

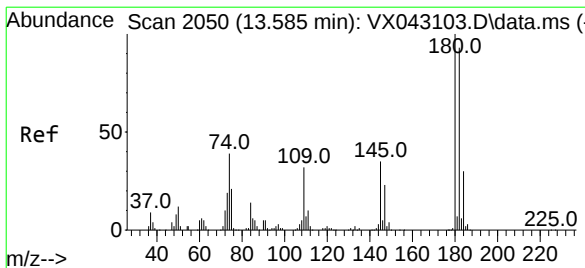


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.071 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX043190.D
Acq: 30 Sep 2024 10:52



Tgt Ion: 75 Resp: 25342
Ion Ratio Lower Upper
75 100
155 78.9 38.6 115.8
157 101.8 49.2 147.6





#93

1,2,4-Trichlorobenzene

Concen: 51.012 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

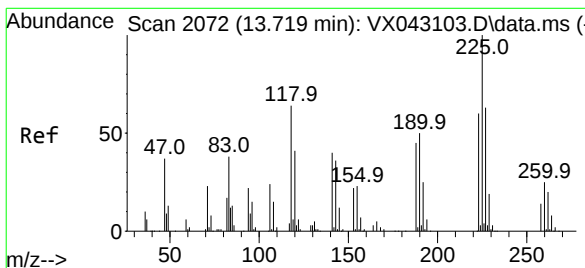
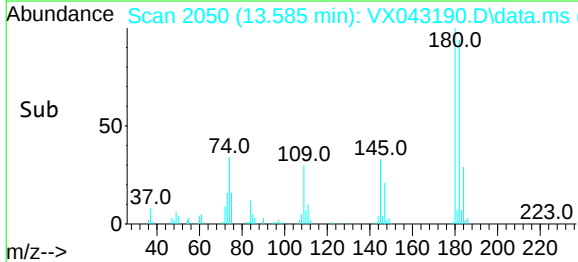
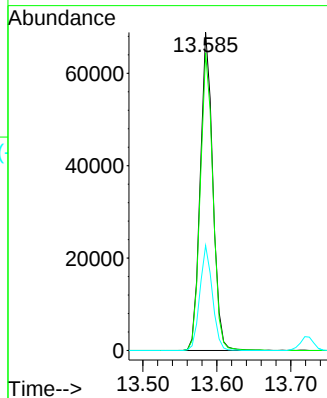
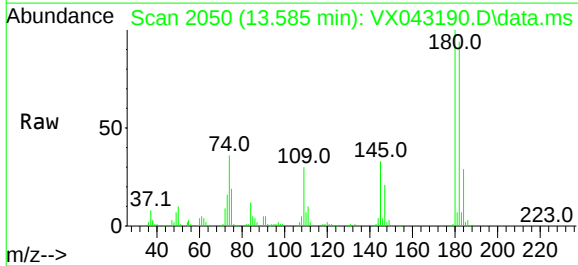
Tgt Ion:	180	Resp:	80929
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.7	140.0
145	32.9	17.0	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#94

Hexachlorobutadiene

Concen: 48.431 ug/l

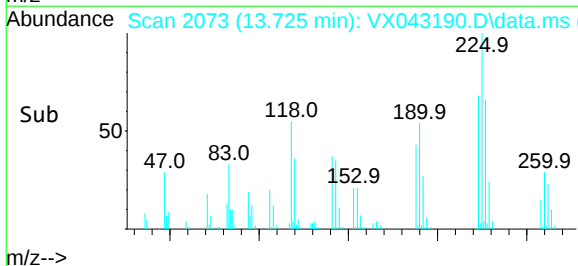
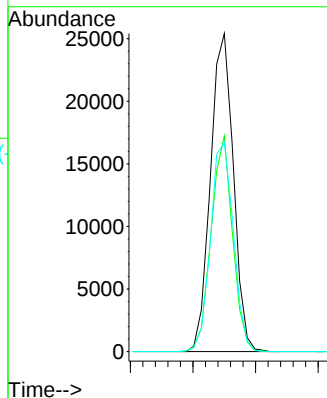
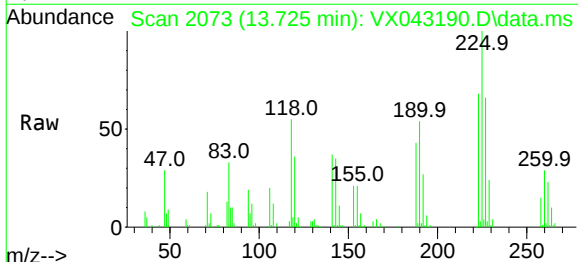
RT: 13.725 min Scan# 2073

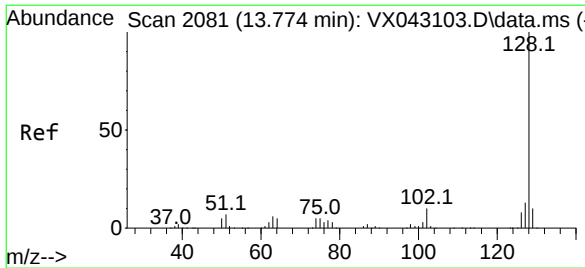
Delta R.T. 0.006 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Tgt Ion:	225	Resp:	32282
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.8	95.4
227	65.7	31.9	95.7





#95

Naphthalene

Concen: 51.448 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

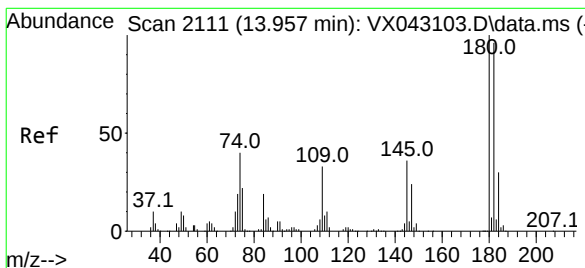
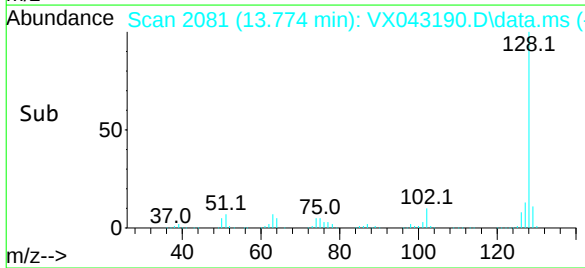
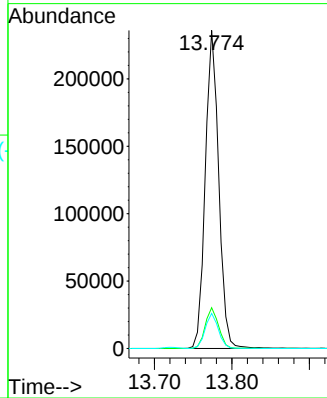
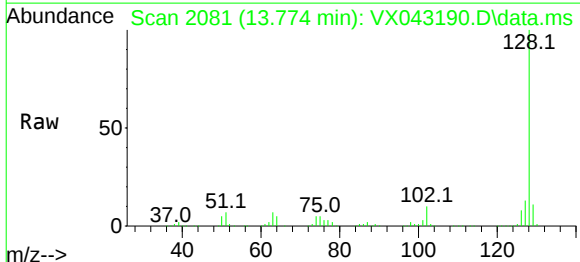
Tgt Ion:	128	Resp:	283702
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 52.194 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX043190.D

Acq: 30 Sep 2024 10:52

Tgt Ion:	180	Resp:	82270
Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.8	143.4
145	35.2	17.7	53.1

