

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100824\
 Data File : VX043311.D
 Acq On : 08 Oct 2024 09:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2024
 Supervised By : Mahesh Dadoda 10/09/2024

Quant Time: Oct 09 01:30:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	113353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78246	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	92253	49.833	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.660%
35) Dibromofluoromethane	5.379	113	67809	51.012	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.020%
50) Toluene-d8	8.647	98	231290	50.209	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.420%
62) 4-Bromofluorobenzene	11.079	95	86336	51.590	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.180%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	59320	44.990	ug/l	96
3) Chloromethane	1.294	50	56489	41.599	ug/l	97
4) Vinyl Chloride	1.374	62	59834	43.990	ug/l	99
5) Bromomethane	1.599	94	24754	44.545	ug/l	100
6) Chloroethane	1.666	64	24580	48.527	ug/l	99
7) Trichlorofluoromethane	1.873	101	90670	44.615	ug/l	99
8) Diethyl Ether	2.136	74	36445	46.082	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	61024	48.117	ug/l	99
10) Methyl Iodide	2.447	142	72141	45.288	ug/l	100
11) Tert butyl alcohol	2.989	59	89980	255.423	ug/l	99
12) 1,1-Dichloroethene	2.312	96	55433	44.015	ug/l	97
13) Acrolein	2.239	56	69612	209.217	ug/l	100
14) Allyl chloride	2.654	41	97449	47.098	ug/l	98
15) Acrylonitrile	3.068	53	171541	238.472	ug/l	100
16) Acetone	2.386	43	199950	258.638	ug/l	99
17) Carbon Disulfide	2.501	76	123039	40.166	ug/l	97
18) Methyl Acetate	2.703	43	104707	53.990	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	216883	48.135	ug/l	100
20) Methylene Chloride	2.782	84	63457	44.518	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	57943	46.229	ug/l	96
22) Diisopropyl ether	3.763	45	201067	48.314	ug/l	93
23) Vinyl Acetate	3.721	43	1215418	252.310	ug/l	100
24) 1,1-Dichloroethane	3.605	63	115713	47.727	ug/l	99
25) 2-Butanone	4.556	43	263301	248.395	ug/l	100
26) 2,2-Dichloropropane	4.465	77	115206	49.943	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	74082	47.392	ug/l	99
28) Bromochloromethane	4.897	49	41244	43.120	ug/l	100
29) Tetrahydrofuran	5.001	42	157565	233.335	ug/l	99
30) Chloroform	5.086	83	125361	47.084	ug/l	97
31) Cyclohexane	5.458	56	87057	43.582	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	115417	47.196	ug/l	100
36) 1,1-Dichloropropene	5.684	75	78121	46.520	ug/l	99
37) Ethyl Acetate	4.714	43	97347	48.272	ug/l	99
38) Carbon Tetrachloride	5.672	117	96814	48.700	ug/l	95
39) Methylcyclohexane	7.373	83	101423	48.021	ug/l	98
40) Benzene	6.031	78	241082	47.351	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	53434	50.902	ug/l	97
42) 1,2-Dichloroethane	6.080	62	102273	49.294	ug/l	99
43) Isopropyl Acetate	6.336	43	164850	49.491	ug/l	100
44) Trichloroethene	7.123	130	62914	46.588	ug/l	94
45) 1,2-Dichloropropane	7.427	63	61062	48.870	ug/l	96
46) Dibromomethane	7.580	93	48540	48.481	ug/l	99
47) Bromodichloromethane	7.818	83	98413	49.996	ug/l	98
48) Methyl methacrylate	7.690	41	79878	48.875	ug/l	100
49) 1,4-Dioxane	7.659	88	32992	1038.477	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	502184	248.235	ug/l	99
52) Toluene	8.714	92	152726	47.862	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	100287	51.271	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	105644	50.357	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	61573	48.553	ug/l	98
56) Ethyl methacrylate	9.116	69	104664	50.482	ug/l	100
57) 1,3-Dichloropropane	9.305	76	104610	48.433	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	244228	261.333	ug/l	100
59) 2-Hexanone	9.427	43	389590	254.661	ug/l	100
60) Dibromochloromethane	9.518	129	73138	49.713	ug/l	98
61) 1,2-Dibromoethane	9.610	107	66051	48.477	ug/l	99
64) Tetrachloroethene	9.269	164	54896	47.922	ug/l	96
65) Chlorobenzene	10.079	112	168557	47.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	62303	49.643	ug/l	98
67) Ethyl Benzene	10.189	91	298580	48.670	ug/l	99
68) m/p-Xylenes	10.299	106	222587	96.009	ug/l	99
69) o-Xylene	10.640	106	110755	48.075	ug/l	97
70) Styrene	10.652	104	186507	49.954	ug/l	100
71) Bromoform	10.799	173	49655	51.648	ug/l #	100
73) Isopropylbenzene	10.963	105	288584	47.438	ug/l	99
74) N-amyl acetate	10.841	43	136453	47.251	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	94824	47.848	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	82783m	47.698	ug/l	
77) Bromobenzene	11.195	156	69807	47.153	ug/l	100
78) n-propylbenzene	11.305	91	329477	49.335	ug/l	100
79) 2-Chlorotoluene	11.360	91	200205	46.630	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	242166	48.258	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33377	49.840	ug/l	97
82) 4-Chlorotoluene	11.451	91	235193	48.087	ug/l	100
83) tert-Butylbenzene	11.713	119	246971	47.770	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	243785	48.282	ug/l	98
85) sec-Butylbenzene	11.890	105	302555	49.366	ug/l	99
86) p-Isopropyltoluene	12.006	119	254257	49.725	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	127287	48.809	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	125203	46.567	ug/l	99
89) n-Butylbenzene	12.329	91	221252	51.684	ug/l	99
90) Hexachloroethane	12.536	117	47810	49.856	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	125424	47.028	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22843	47.210	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	77858	50.638	ug/l	100
94) Hexachlorobutadiene	13.725	225	31056	50.952	ug/l	96
95) Naphthalene	13.774	128	271522	48.038	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	78197	49.293	ug/l	98

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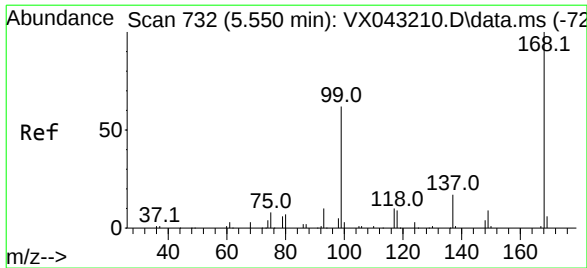
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/09/2024

Quant Time: Oct 09 01:30:59 2024
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Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

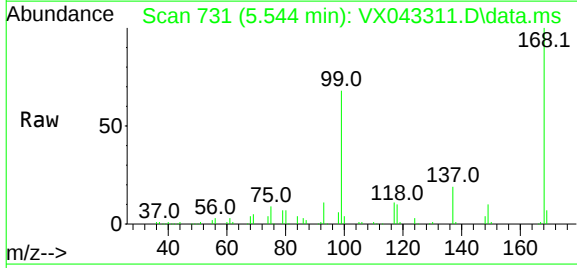
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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: VX043311.D
Acq: 08 Oct 2024 09:13

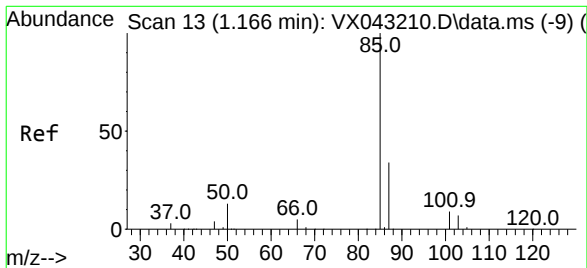
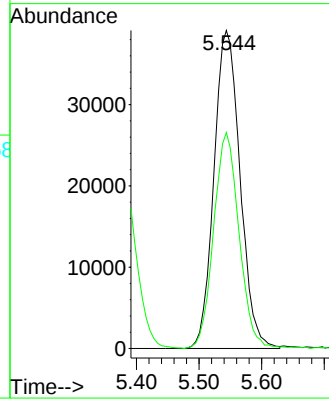
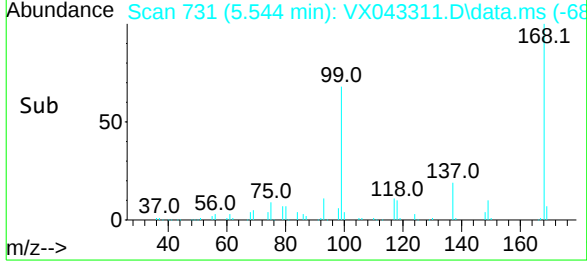
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 113353
Ion Ratio Lower Upper
168 100
99 67.7 49.7 74.5

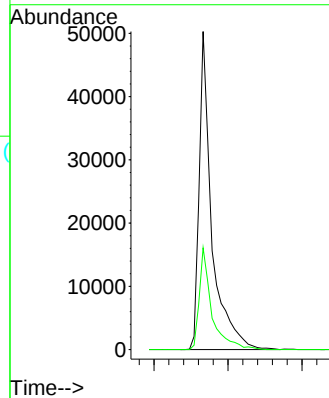
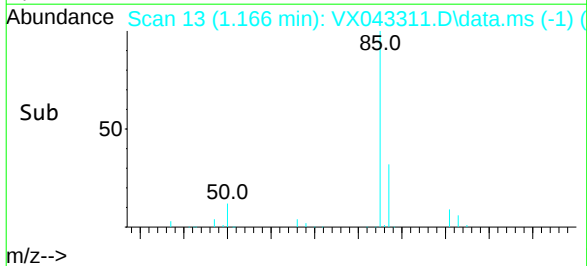
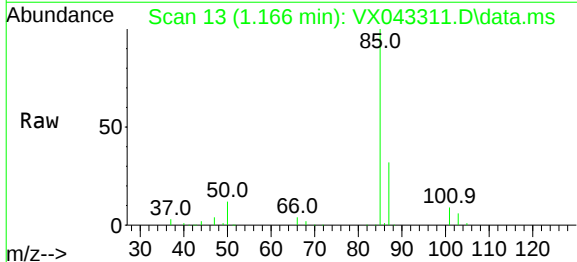
Manual Integrations
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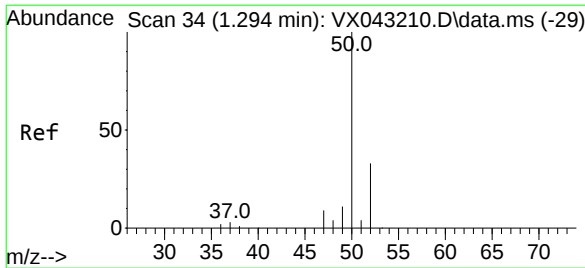
Reviewed By : John Carlone 10/09/2024
Supervised By : Mahesh Dadoda 10/09/2024



#2
Dichlorodifluoromethane
Concen: 44.990 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

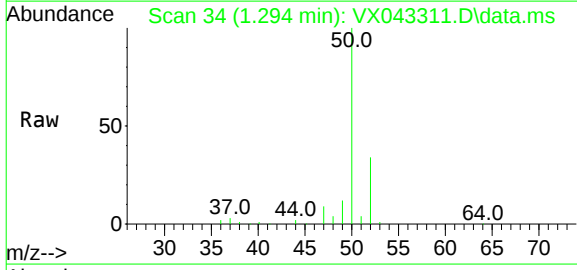
Tgt Ion: 85 Resp: 59320
Ion Ratio Lower Upper
85 100
87 32.0 17.1 51.2





#3
Chloromethane
Concen: 41.599 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

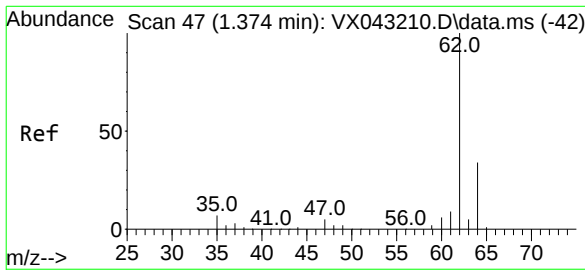
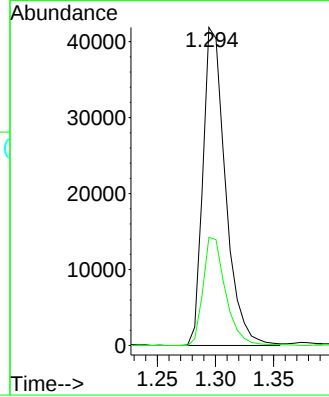
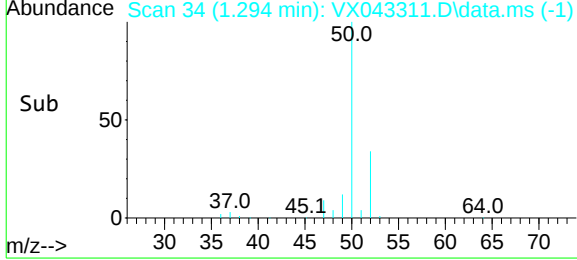
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



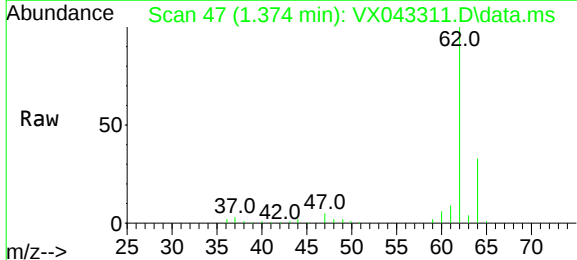
Tgt Ion: 50 Resp: 56489
Ion Ratio Lower Upper
50 100
52 34.0 26.1 39.1

Manual Integrations
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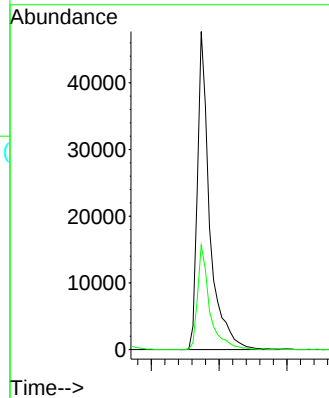
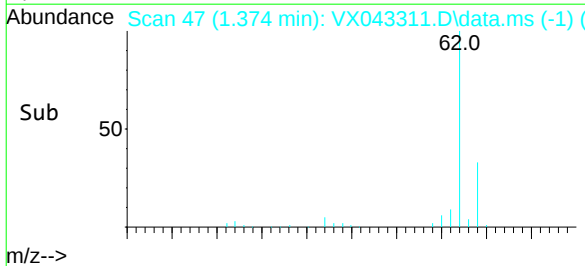
Reviewed By :John Carlone 10/09/2024
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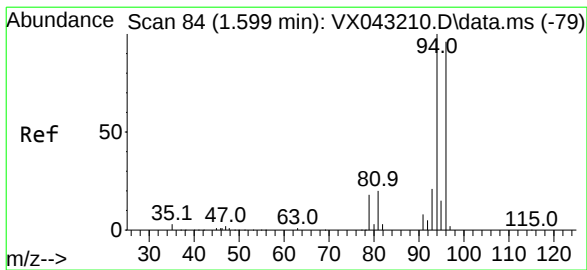


#4
Vinyl Chloride
Concen: 43.990 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13



Tgt Ion: 62 Resp: 59834
Ion Ratio Lower Upper
62 100
64 32.9 26.8 40.2





#5

Bromomethane

Concen: 44.545 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 24754

Ion Ratio Lower Upper

94 100

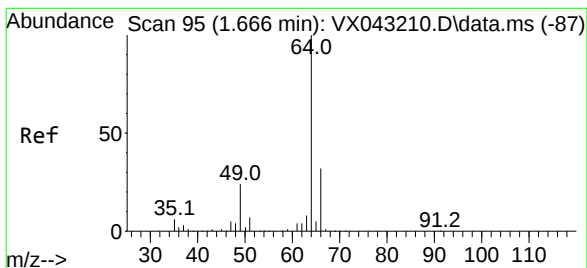
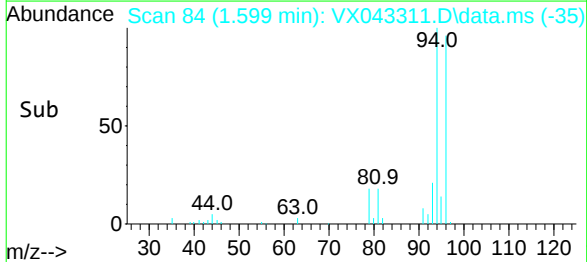
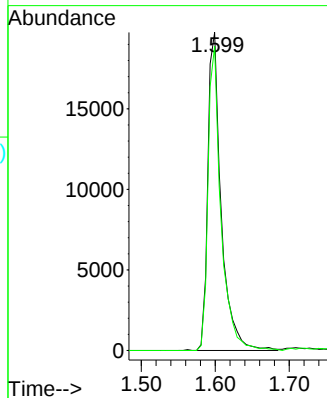
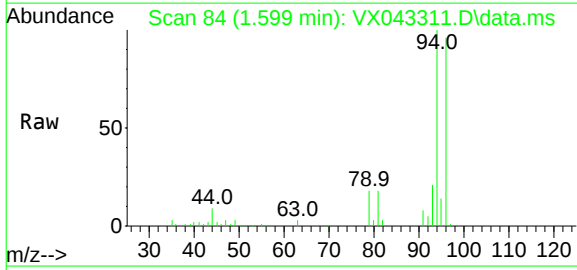
96 95.7 76.6 115.0

Manual Integrations

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Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#6

Chloroethane

Concen: 48.527 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX043311.D

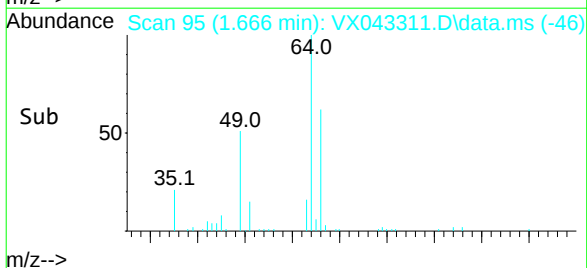
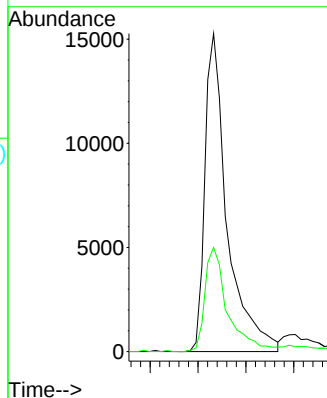
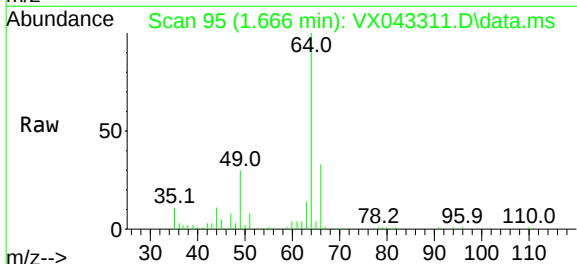
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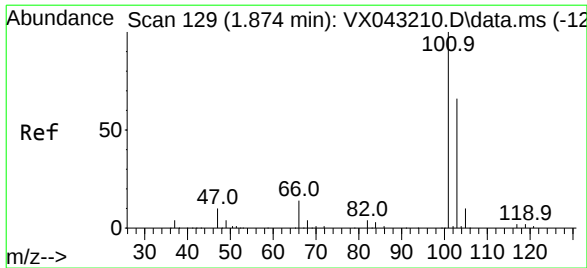
Tgt Ion: 64 Resp: 24580

Ion Ratio Lower Upper

64 100

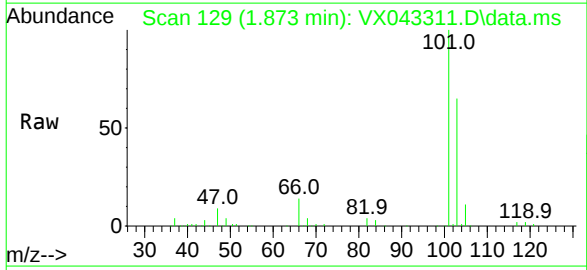
66 32.7 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 44.615 ug/l
 RT: 1.873 min Scan# 129
 Delta R.T. -0.000 min
 Lab File: VX043311.D
 Acq: 08 Oct 2024 09:13

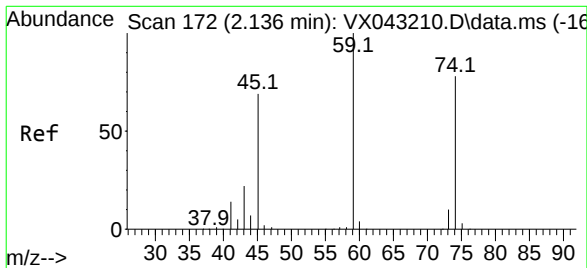
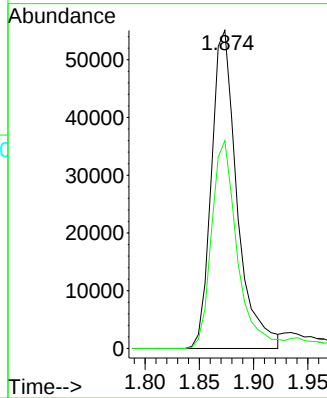
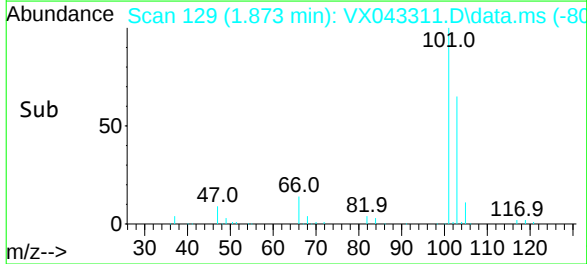
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 101 Resp: 90670
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.7 79.1

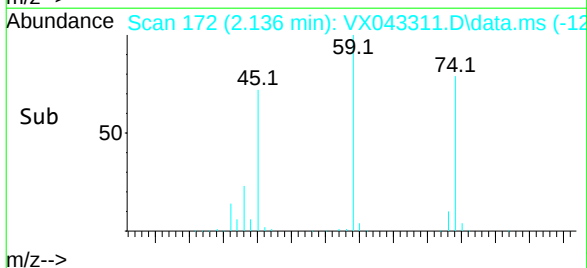
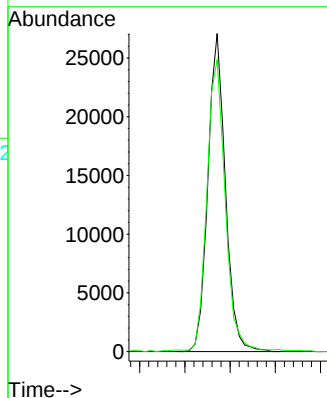
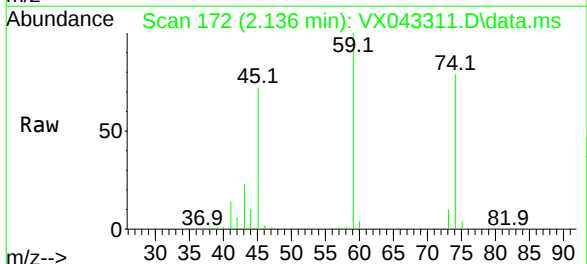
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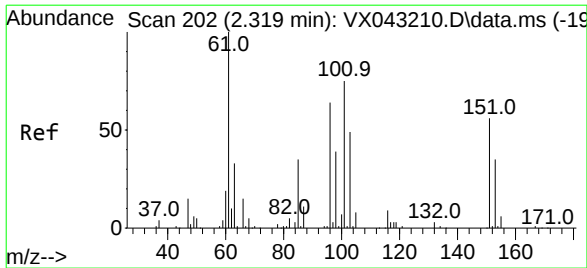
Reviewed By : John Carlone 10/09/2024
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#8
 Diethyl Ether
 Concen: 46.082 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX043311.D
 Acq: 08 Oct 2024 09:13

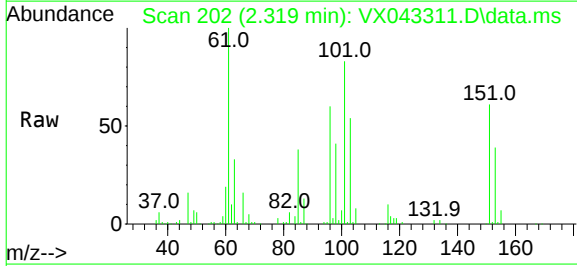
Tgt Ion: 74 Resp: 36445
 Ion Ratio Lower Upper
 74 100
 45 97.4 47.1 141.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.117 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX043311.D
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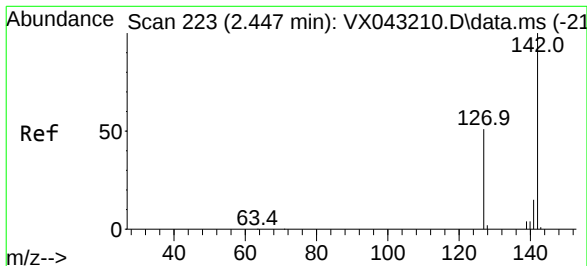
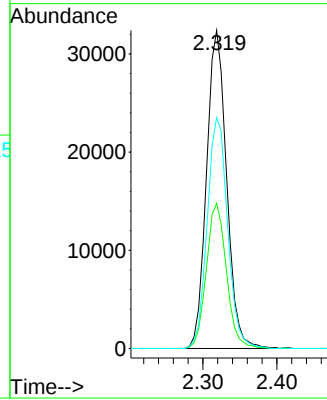
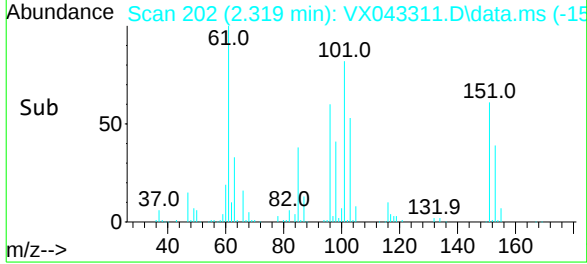
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 61024
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.6
151 74.0 60.0 90.0

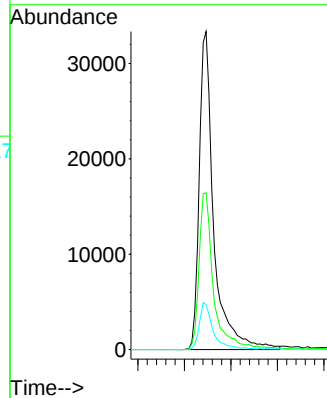
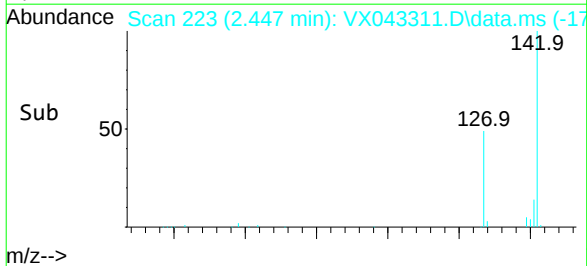
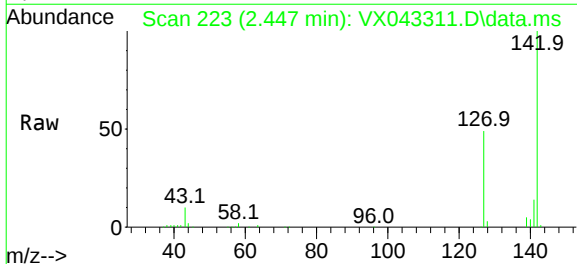
Manual Integrations
APPROVED

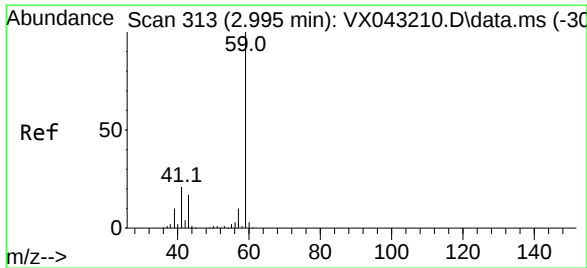
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#10
Methyl Iodide
Concen: 45.288 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

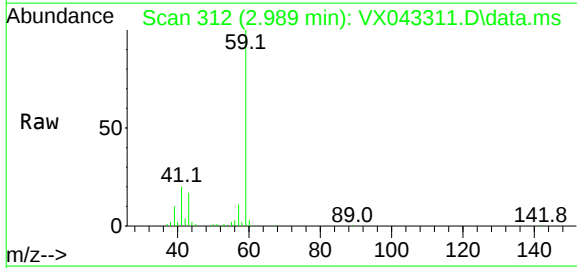
Tgt Ion:142 Resp: 72141
Ion Ratio Lower Upper
142 100
127 49.9 39.8 59.8
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 255.423 ug/l
RT: 2.989 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

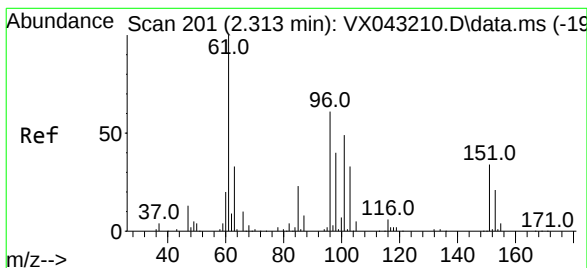
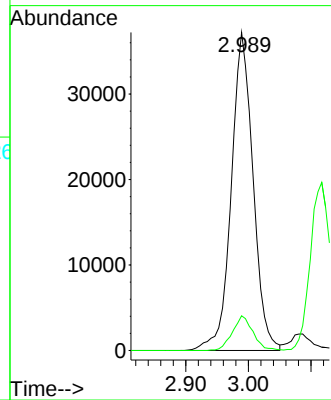
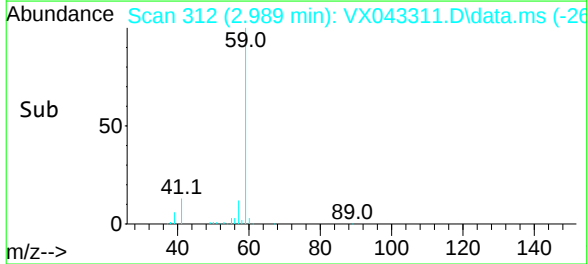
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



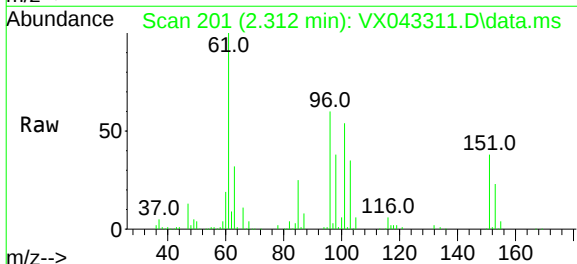
Tgt Ion: 59 Resp: 89980
Ion Ratio Lower Upper
59 100
57 10.3 8.6 13.0

Manual Integrations
APPROVED

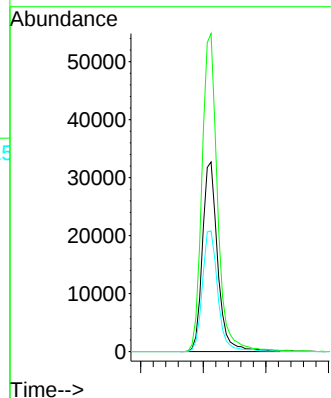
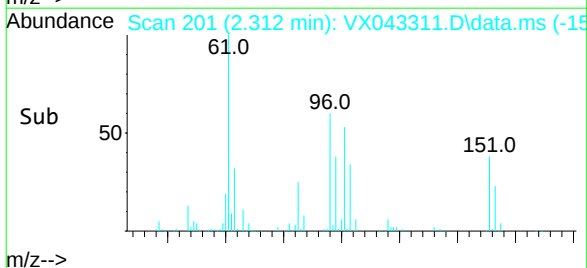
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

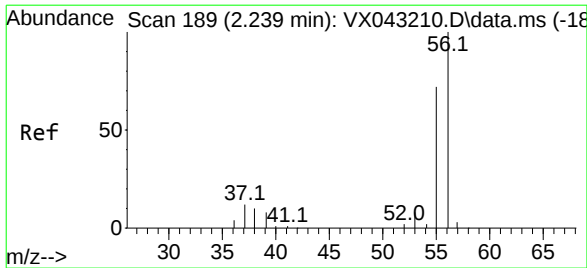


#12
1,1-Dichloroethene
Concen: 44.015 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13



Tgt Ion: 96 Resp: 55433
Ion Ratio Lower Upper
96 100
61 167.7 130.6 195.8
98 63.6 51.7 77.5





#13

Acrolein

Concen: 209.217 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 69612

Ion Ratio Lower Upper

56 100

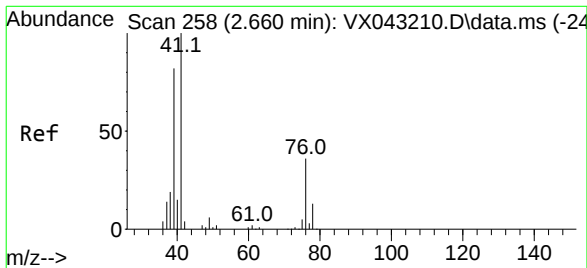
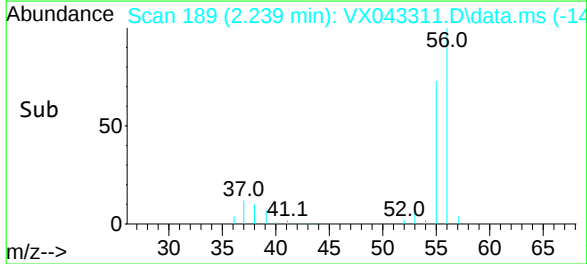
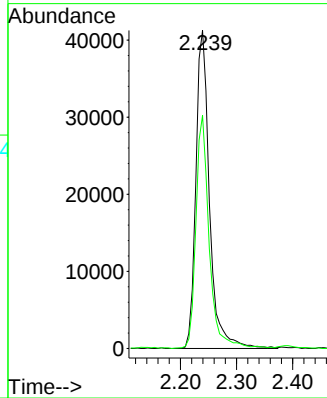
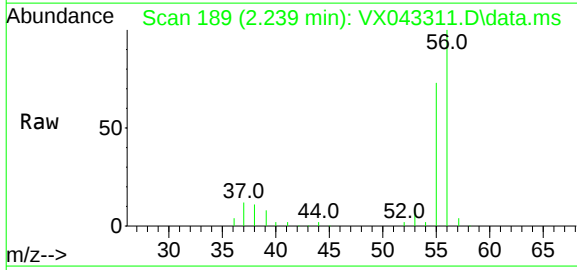
55 71.5 57.4 86.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#14

Allyl chloride

Concen: 47.098 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

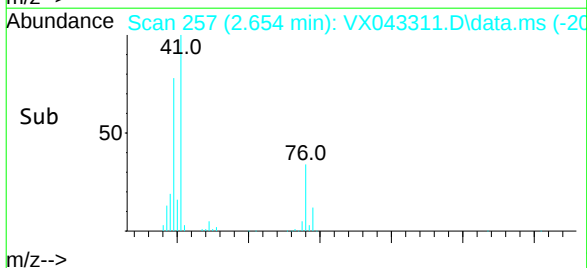
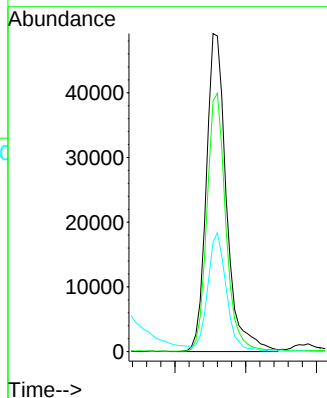
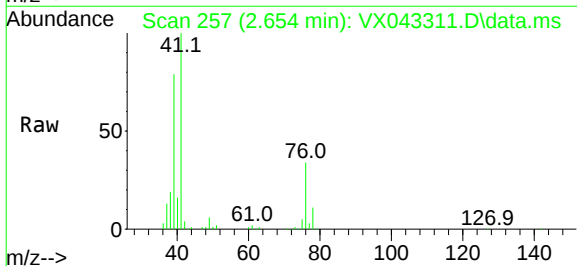
Tgt Ion: 41 Resp: 97449

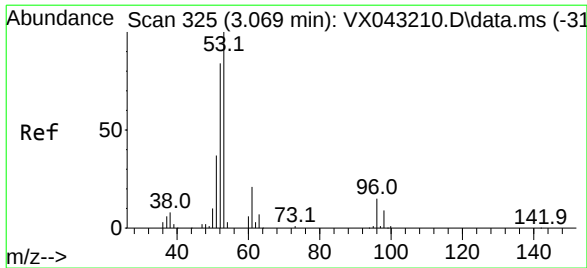
Ion Ratio Lower Upper

41 100

39 75.9 61.7 92.5

76 34.5 28.6 43.0





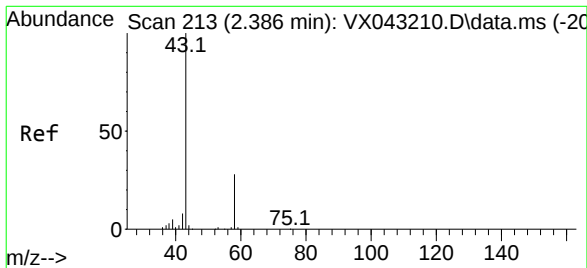
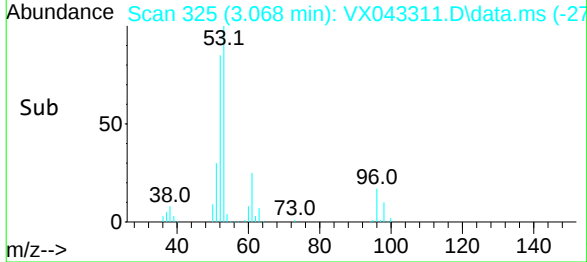
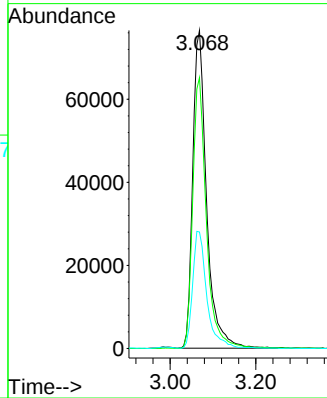
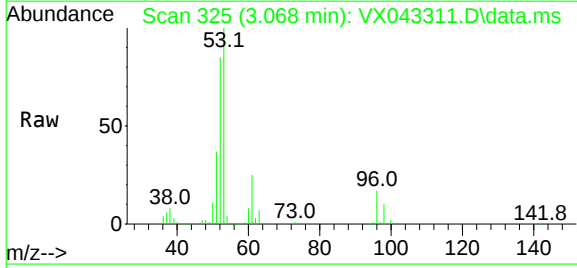
#15
Acrylonitrile
Concen: 238.472 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 171541
Ion Ratio Lower Upper
53 100
52 84.2 67.6 101.4
51 38.3 30.3 45.5

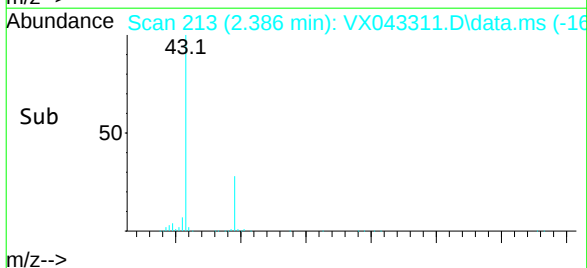
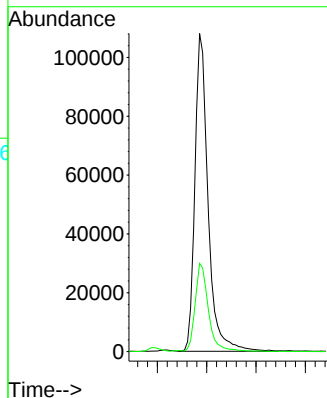
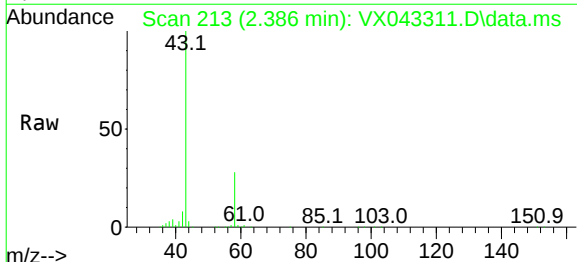
Manual Integrations
APPROVED

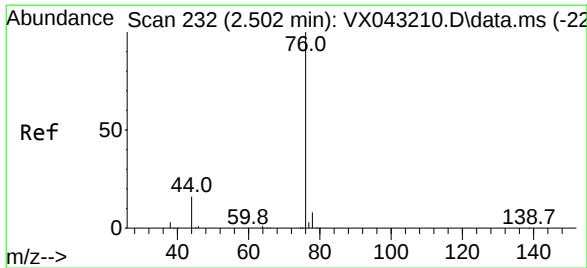
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#16
Acetone
Concen: 258.638 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion: 43 Resp: 199950
Ion Ratio Lower Upper
43 100
58 27.6 22.6 33.8





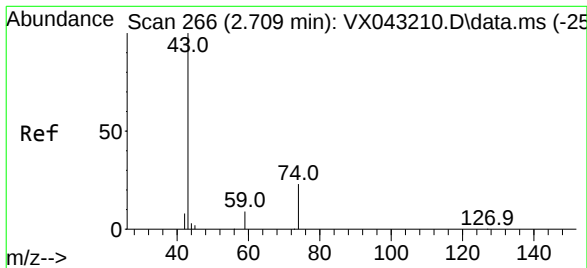
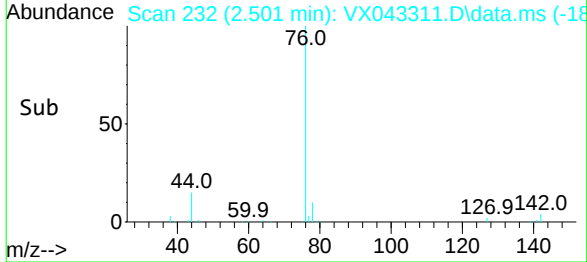
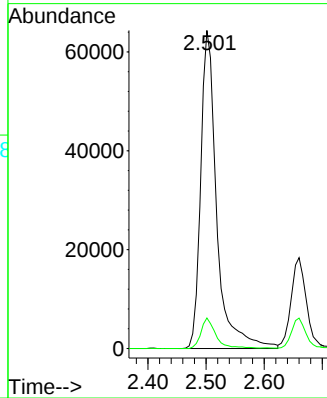
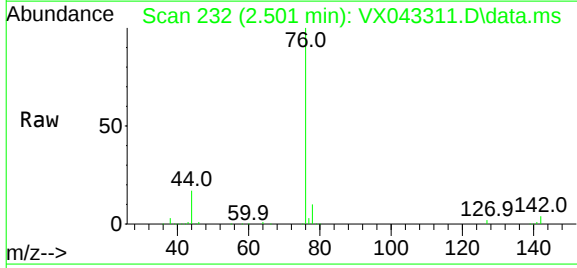
#17
Carbon Disulfide
Concen: 40.166 ug/l
RT: 2.501 min Scan# 231
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 123039
Ion Ratio Lower Upper
76 100
78 9.6 6.7 10.1

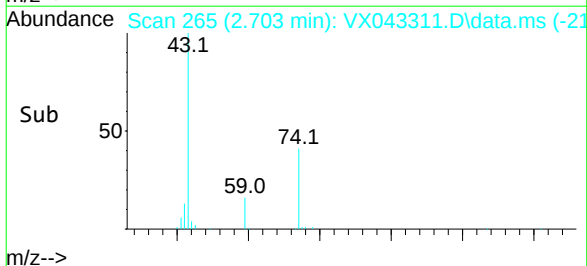
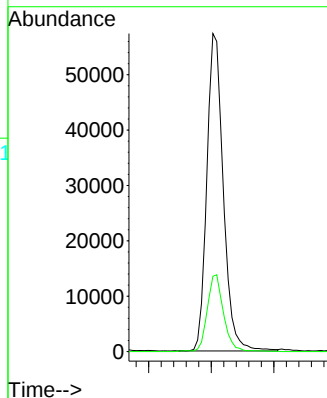
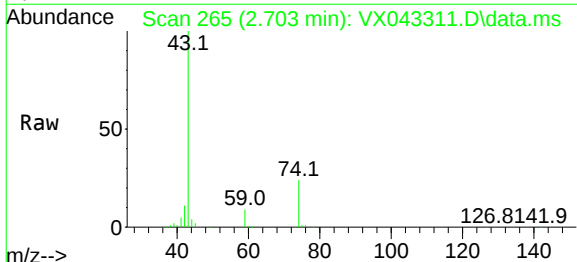
Manual Integrations
APPROVED

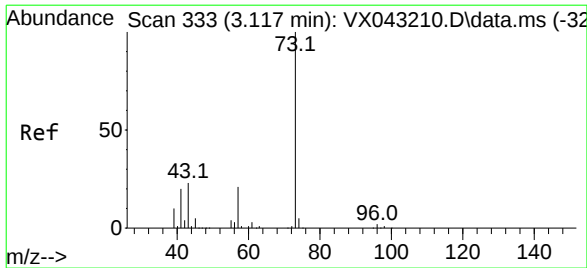
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#18
Methyl Acetate
Concen: 53.990 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion: 43 Resp: 104707
Ion Ratio Lower Upper
43 100
74 24.1 19.1 28.7





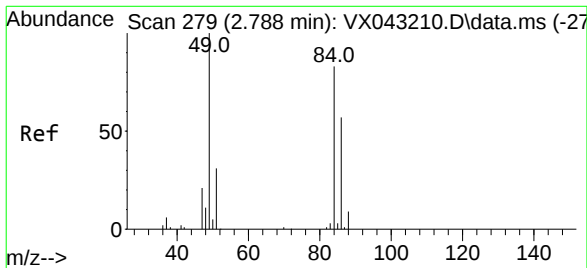
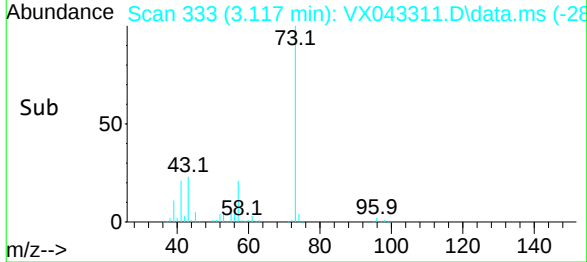
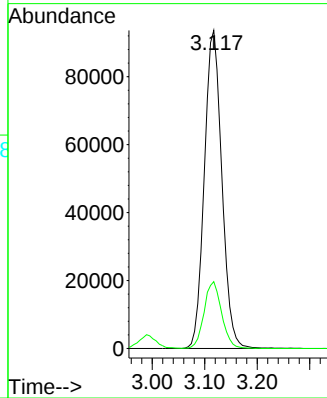
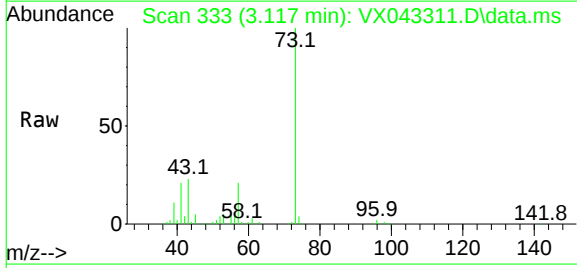
#19
Methyl tert-butyl Ether
Concen: 48.135 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 216883
Ion Ratio Lower Upper
73 100
57 21.0 16.7 25.1

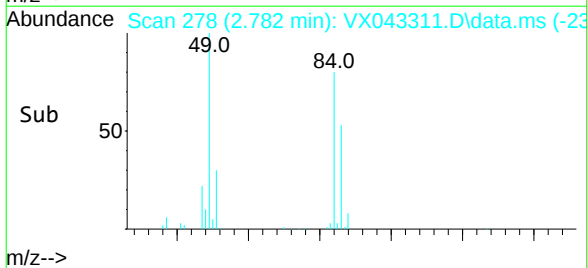
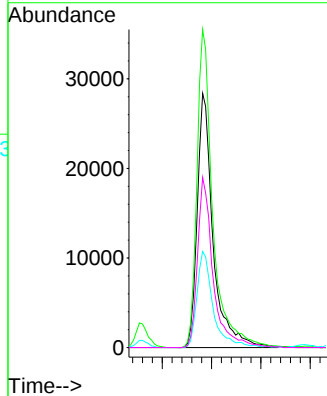
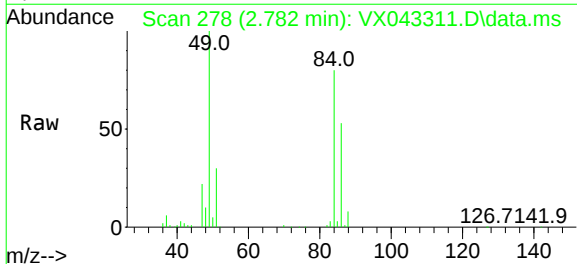
Manual Integrations
APPROVED

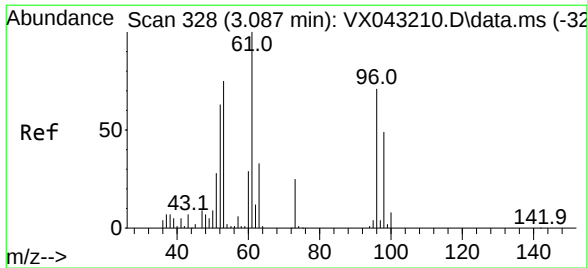
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#20
Methylene Chloride
Concen: 44.518 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion: 84 Resp: 63457
Ion Ratio Lower Upper
84 100
49 125.1 96.7 145.1
51 37.8 30.4 45.6
86 66.9 54.7 82.1





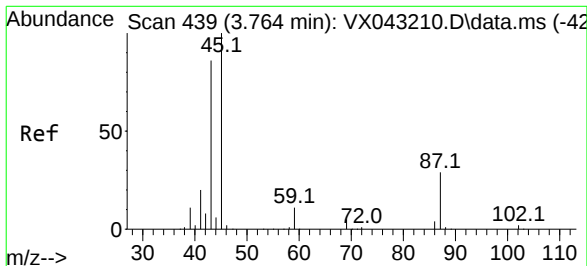
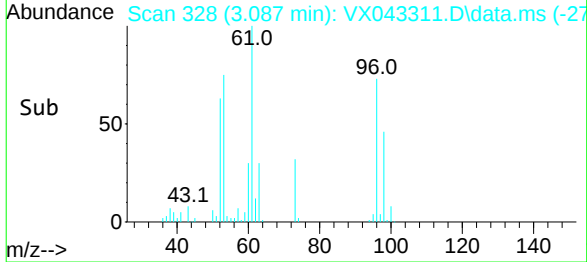
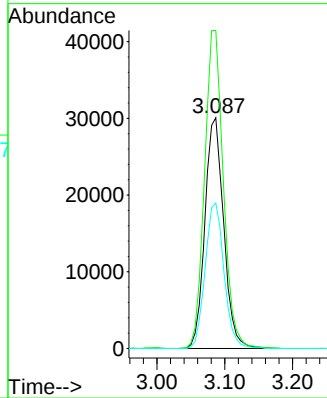
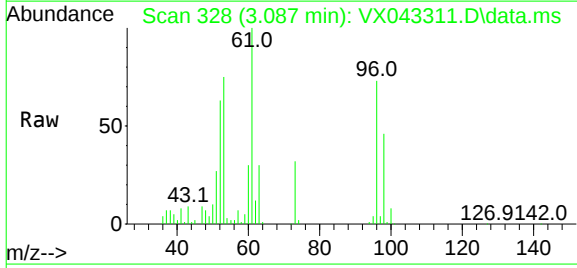
#21
trans-1,2-Dichloroethene
Concen: 46.229 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96	Resp: 57943
Ion Ratio	Lower Upper
96 100	
61 137.8	112.3 168.5
98 63.0	54.6 82.0

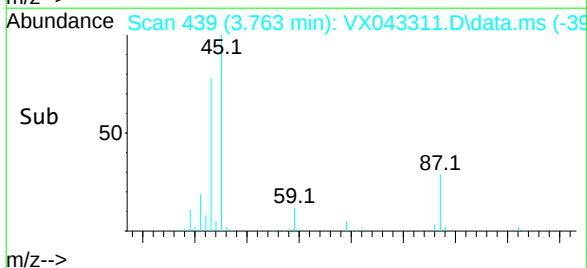
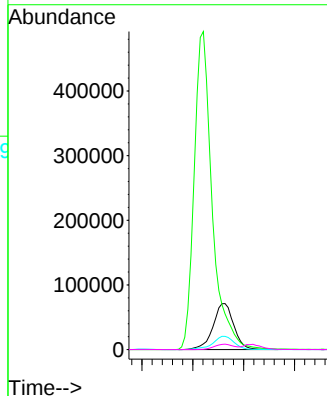
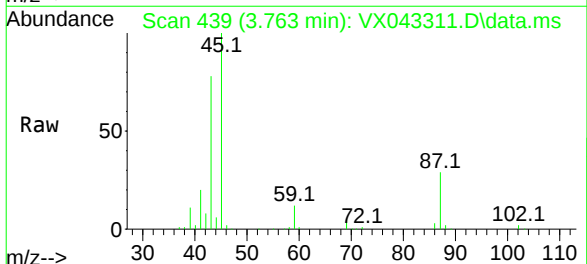
Manual Integrations
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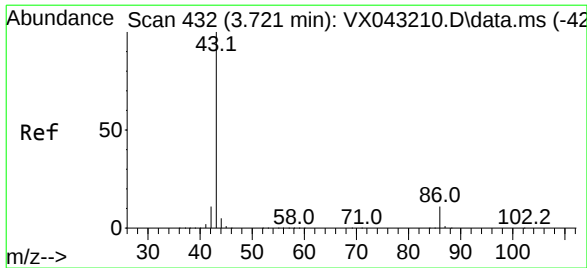
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#22
Diisopropyl ether
Concen: 48.314 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion: 45	Resp: 201067
Ion Ratio	Lower Upper
45 100	
43 76.8	68.5 102.7
87 28.7	23.0 34.4
59 11.8	8.8 13.2





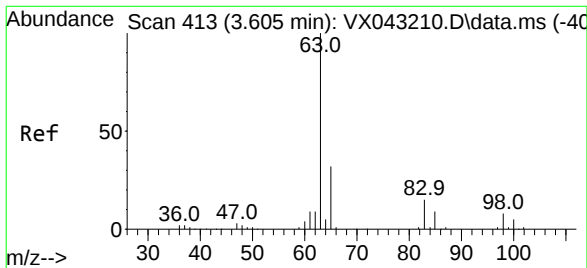
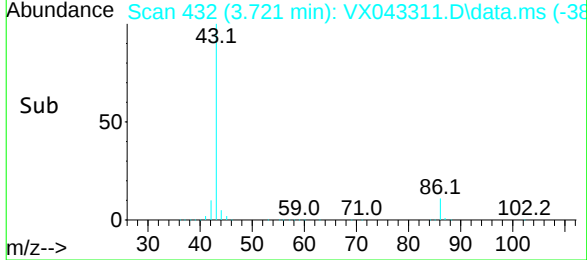
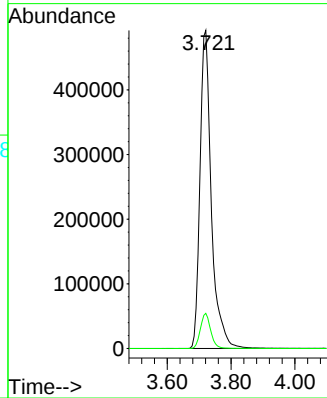
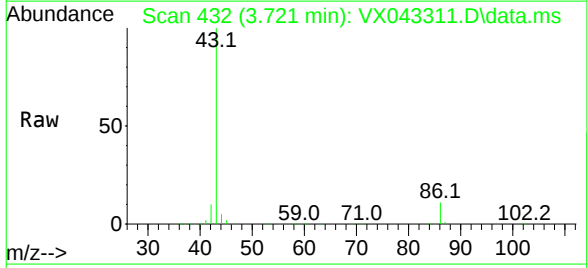
#23
 Vinyl Acetate
 Concen: 252.310 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VX043311.D
 Acq: 08 Oct 2024 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1215418
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.8 13.2

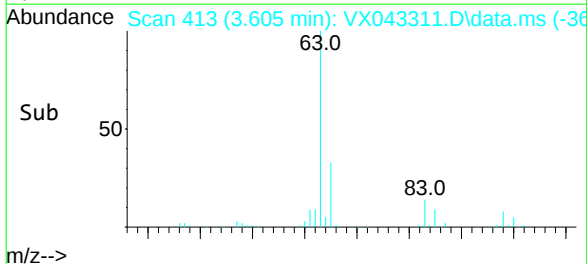
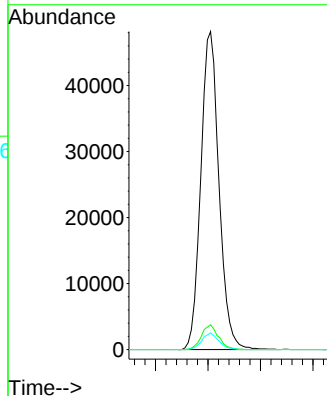
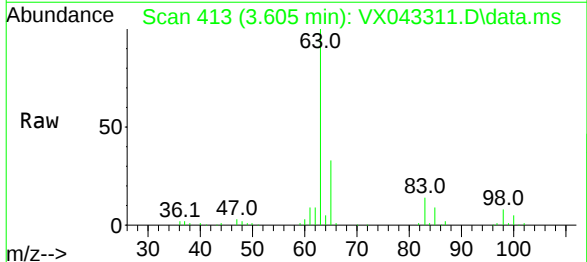
Manual Integrations
 APPROVED

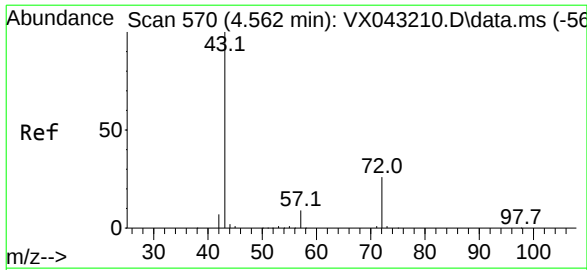
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024



#24
 1,1-Dichloroethane
 Concen: 47.727 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX043311.D
 Acq: 08 Oct 2024 09:13

Tgt Ion: 63 Resp: 115713
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.2
 100 5.2 2.5 7.4





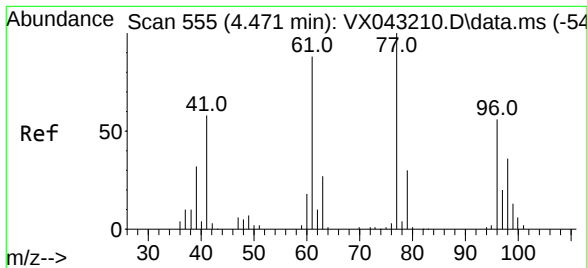
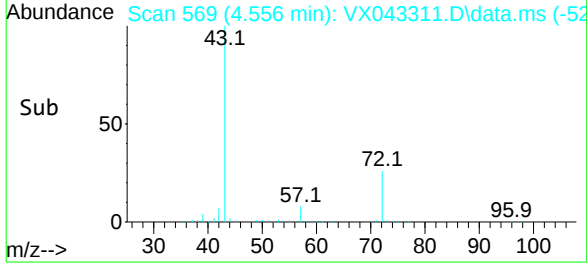
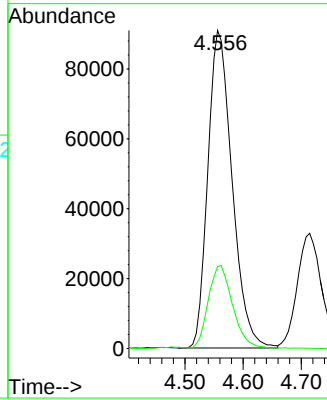
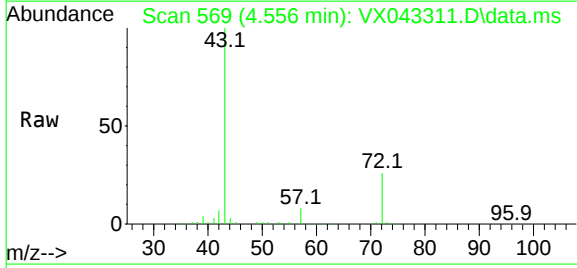
#25
2-Butanone
Concen: 248.395 ug/l
RT: 4.556 min Scan# 56
Delta R.T. -0.006 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 263301
Ion Ratio Lower Upper
43 100
72 25.6 20.6 31.0

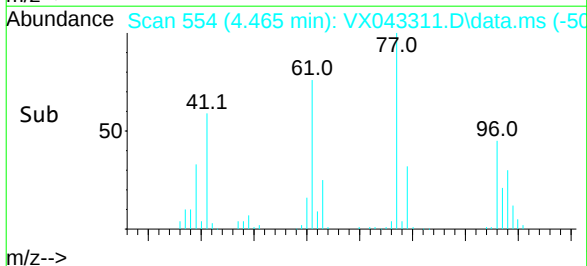
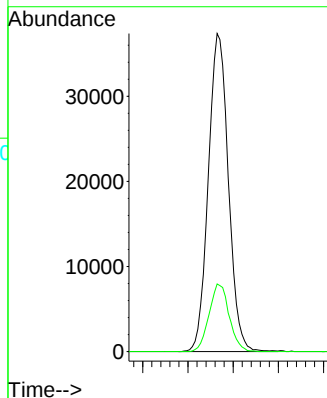
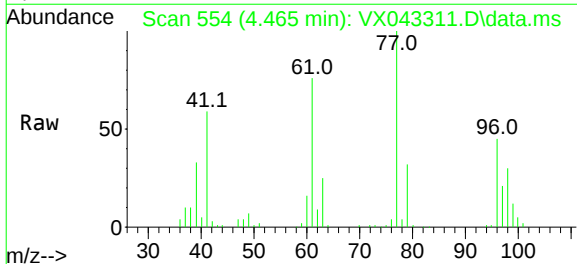
Manual Integrations
APPROVED

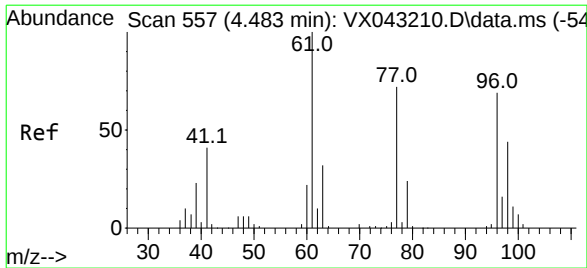
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#26
2,2-Dichloropropane
Concen: 49.943 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion: 77 Resp: 115206
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 47.392 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX043311.D
 Acq: 08 Oct 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

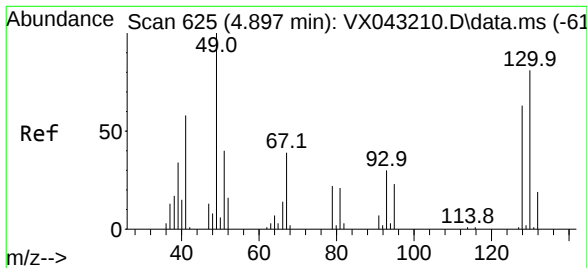
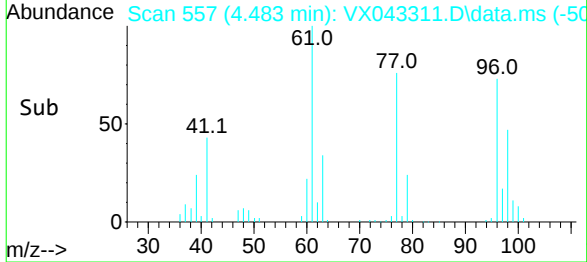
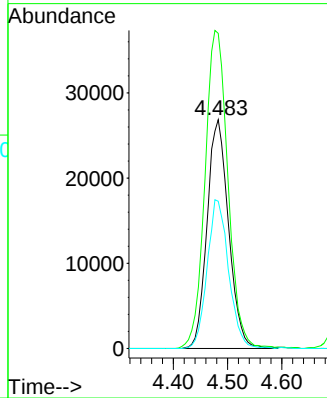
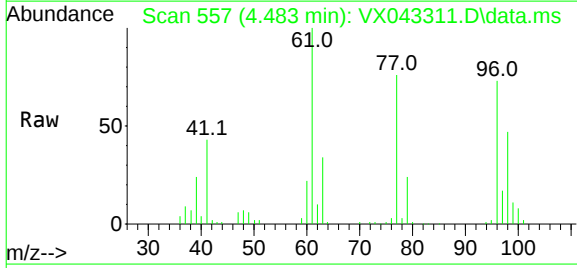
Tgt Ion: 96 Resp: 74082
 Ion Ratio Lower Upper
 96 100
 61 148.4 0.0 298.2
 98 64.6 0.0 128.6

Manual Integrations

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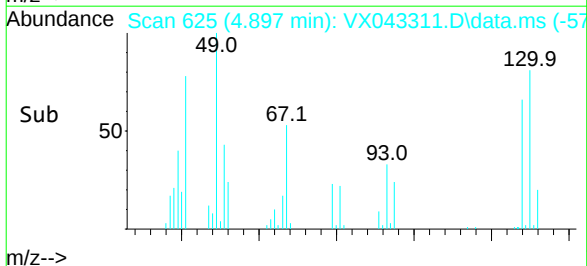
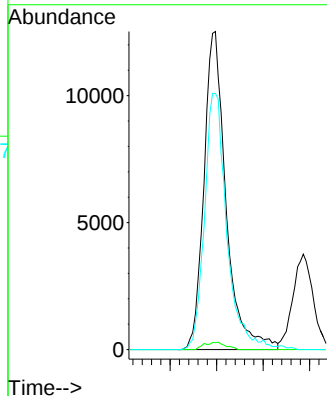
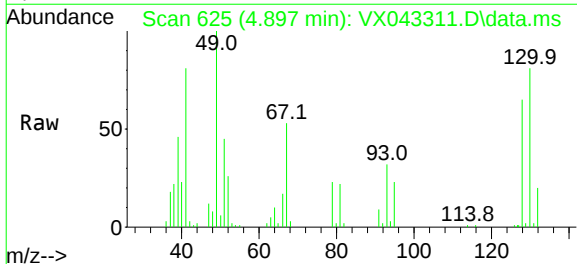
Reviewed By :John Carlone 10/09/2024

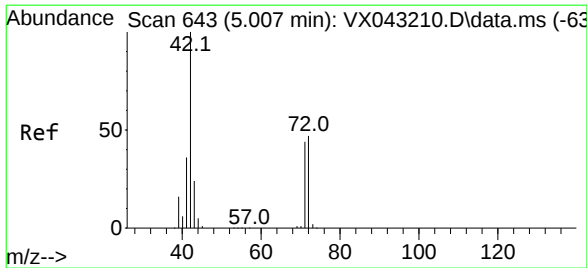
Supervised By :Mahesh Dadoda 10/09/2024



#28
 Bromochloromethane
 Concen: 43.120 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX043311.D
 Acq: 08 Oct 2024 09:13

Tgt Ion: 49 Resp: 41244
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 81.6 65.5 98.3





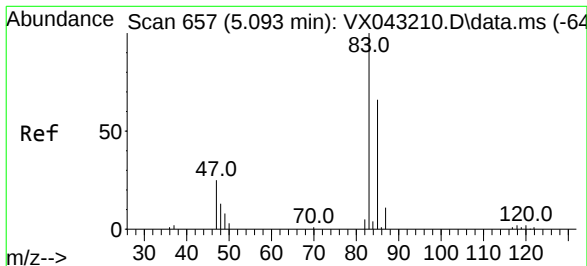
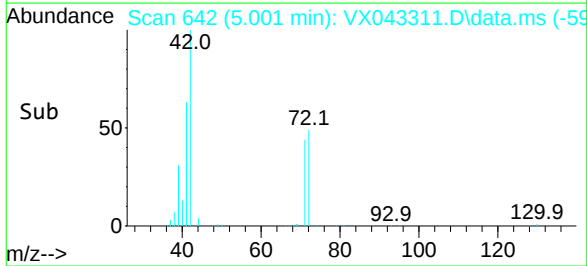
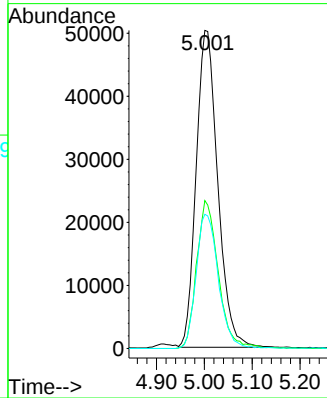
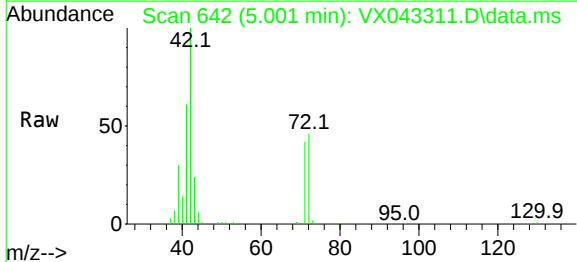
#29
Tetrahydrofuran
Concen: 233.335 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 157565
Ion Ratio Lower Upper
42 100
72 46.7 37.7 56.5
71 43.6 34.6 52.0

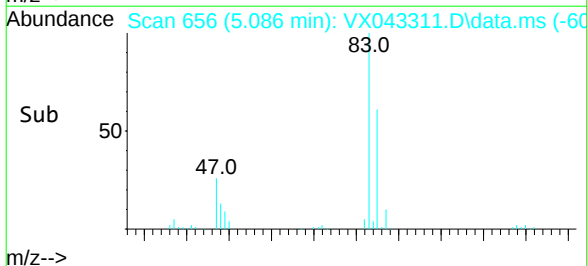
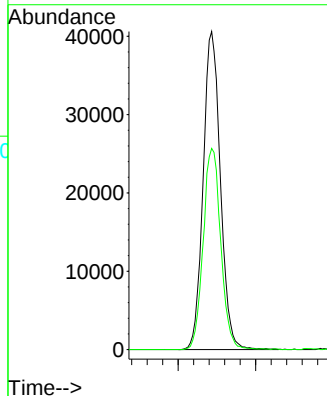
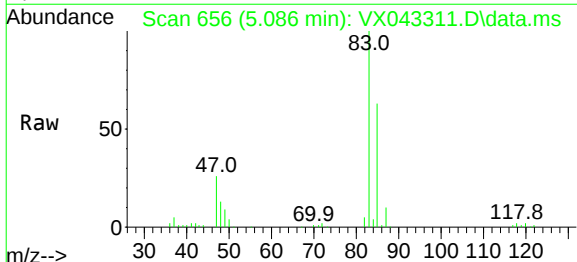
Manual Integrations
APPROVED

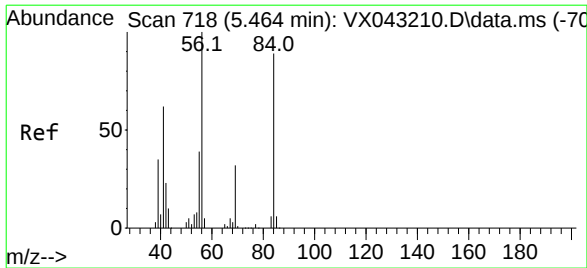
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#30
Chloroform
Concen: 47.084 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion: 83 Resp: 125361
Ion Ratio Lower Upper
83 100
85 63.3 52.5 78.7





#31

Cyclohexane

Concen: 43.582 ug/l

RT: 5.458 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 87057

Ion Ratio Lower Upper

56 100

69 32.6 25.8 38.6

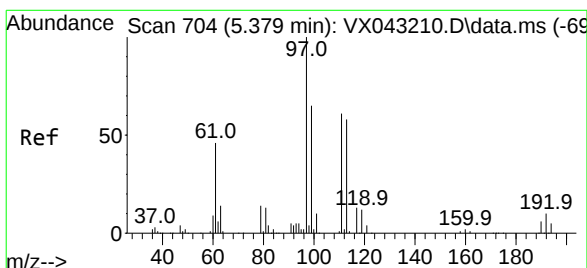
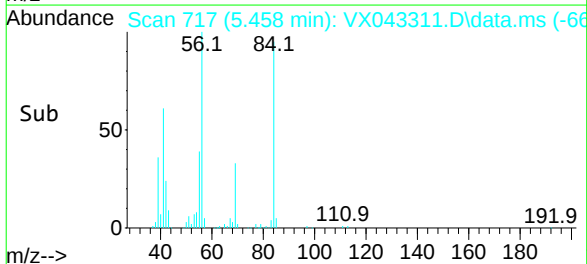
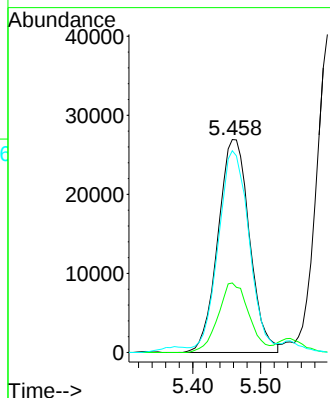
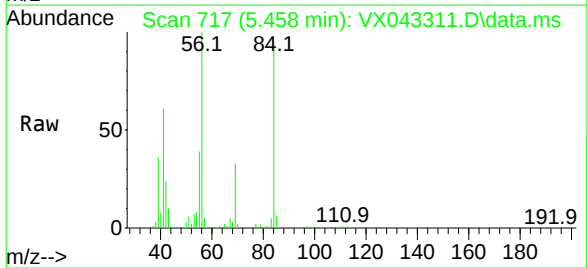
84 92.2 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#32

1,1,1-Trichloroethane

Concen: 47.196 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

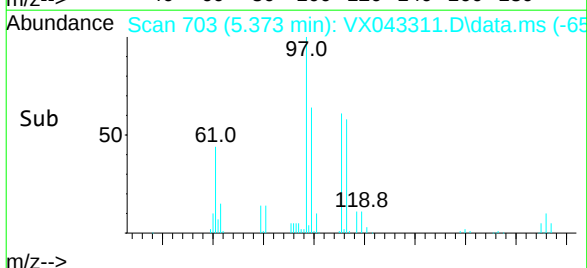
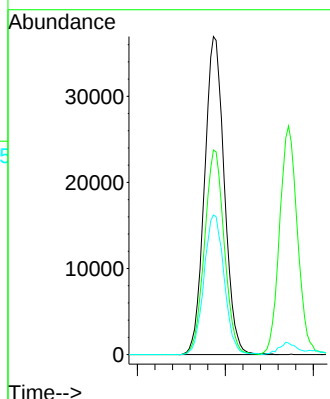
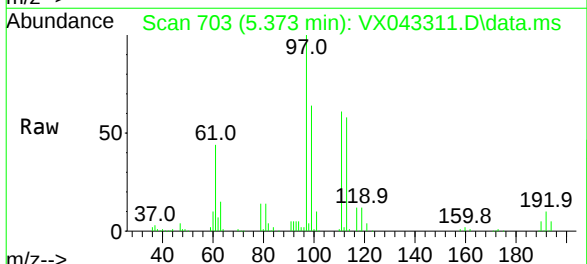
Tgt Ion: 97 Resp: 115417

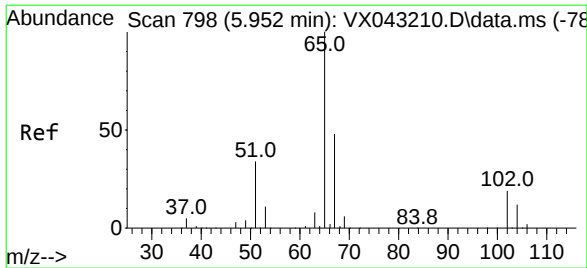
Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 44.7 35.6 53.4





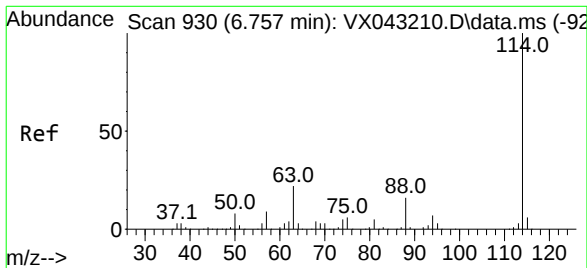
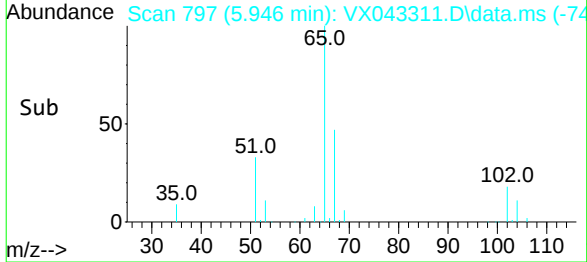
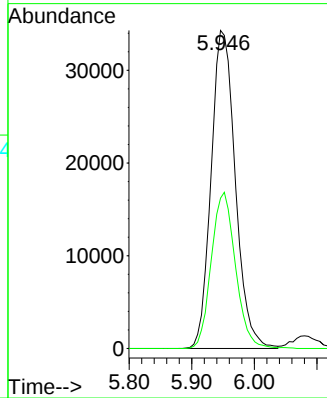
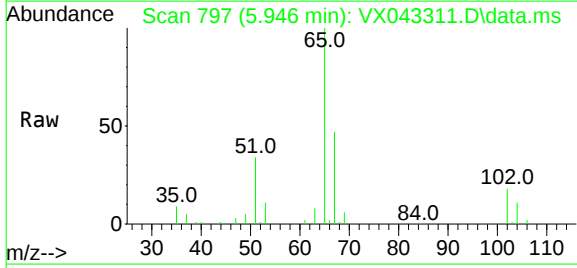
#33
1,2-Dichloroethane-d4
Concen: 49.833 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 92253
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.0

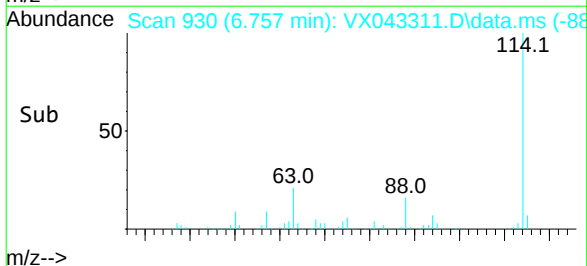
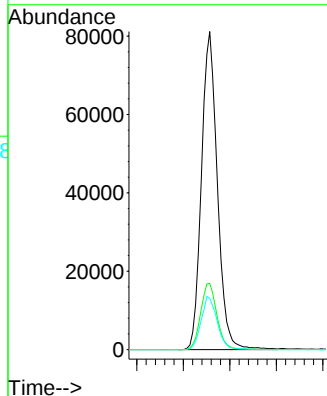
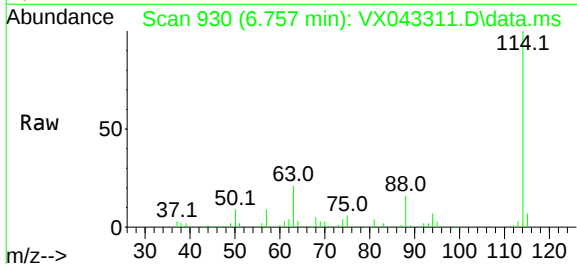
Manual Integrations
APPROVED

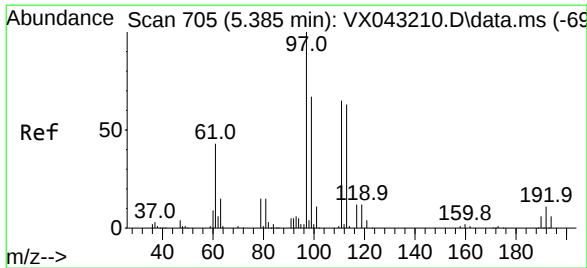
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion:114 Resp: 192748
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.0
88 16.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.012 ug/l

RT: 5.379 min Scan# 70

Delta R.T. -0.006 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

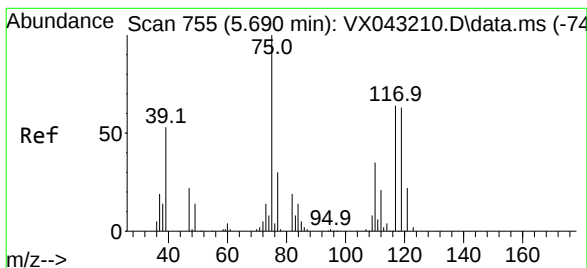
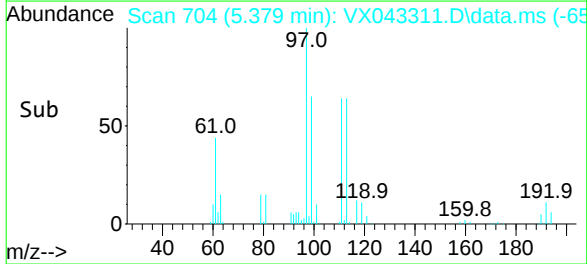
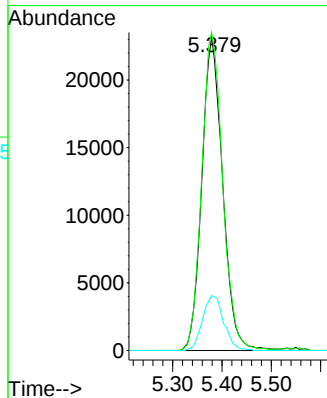
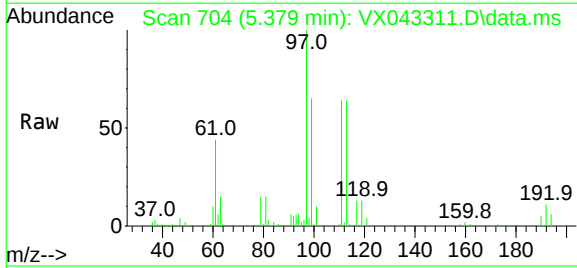
Tgt Ion:	113	Resp:	67809
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.0
192	17.8	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#36

1,1-Dichloropropene

Concen: 46.520 ug/l

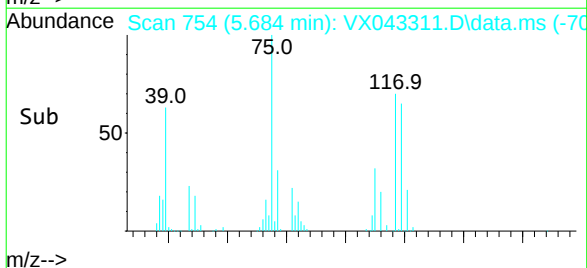
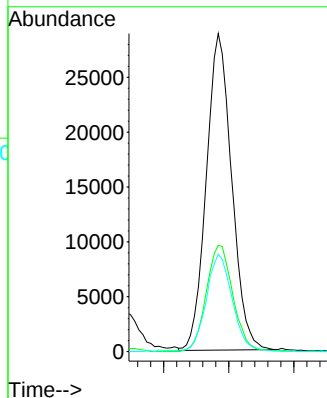
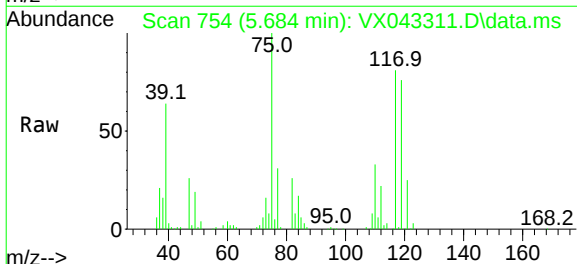
RT: 5.684 min Scan# 754

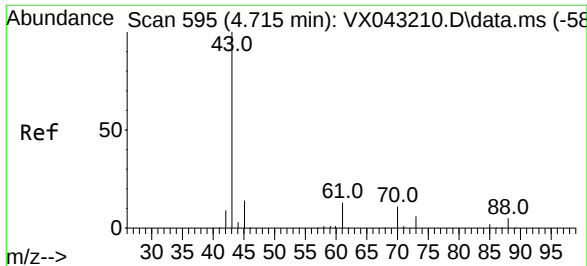
Delta R.T. -0.006 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Tgt Ion:	75	Resp:	78121
Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.8	53.3
77	31.6	24.9	37.3





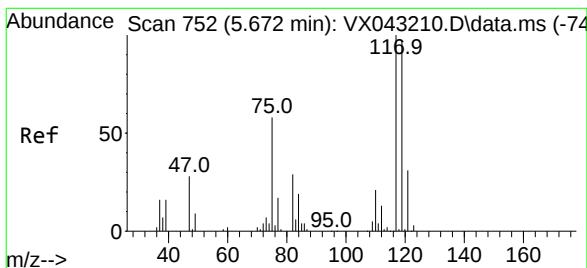
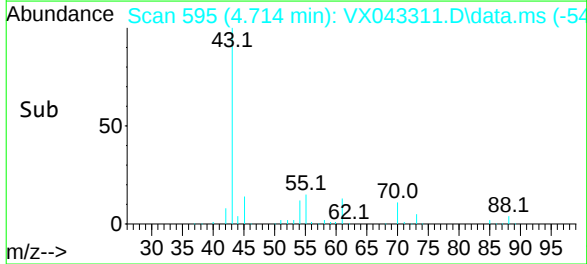
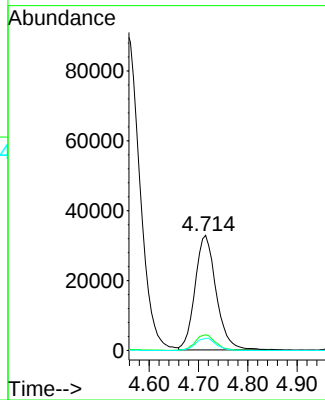
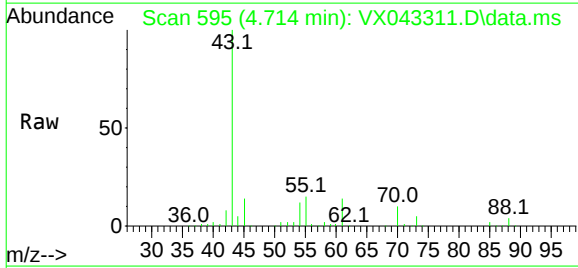
#37
Ethyl Acetate
Concen: 48.272 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	43	Resp:	97347
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	10.5	8.9	13.3

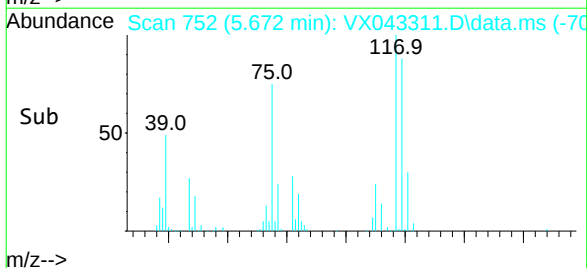
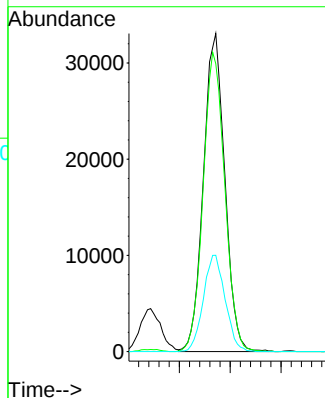
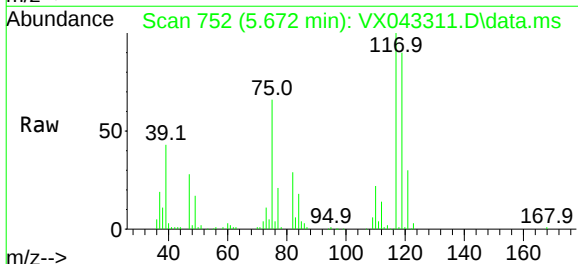
Manual Integrations
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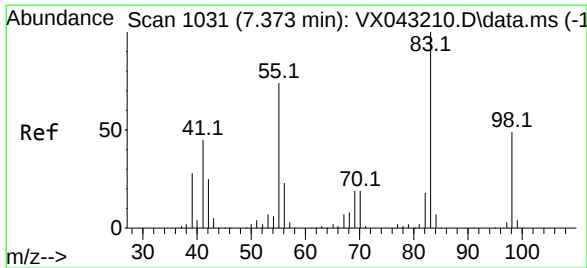
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#38
Carbon Tetrachloride
Concen: 48.700 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion:	117	Resp:	96814
Ion	Ratio	Lower	Upper
117	100		
119	90.5	77.7	116.5
121	30.3	24.3	36.5





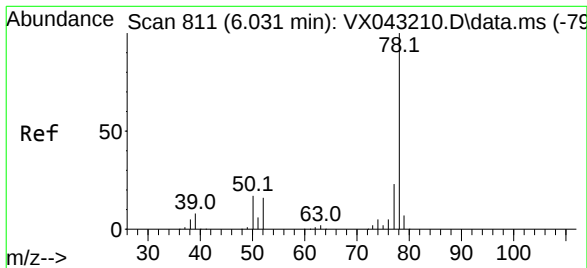
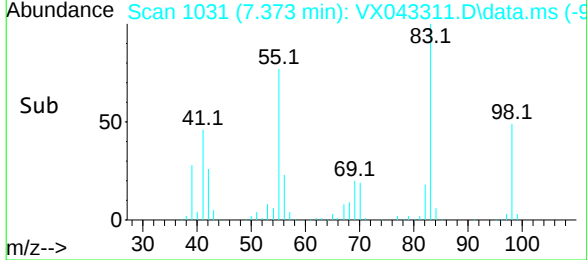
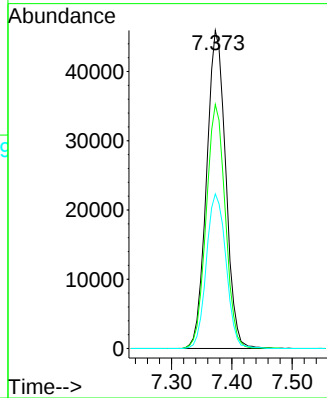
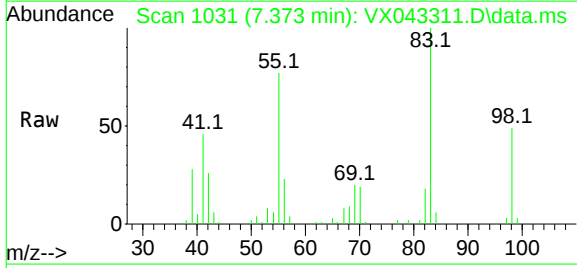
#39
Methylcyclohexane
Concen: 48.021 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 101423
Ion Ratio Lower Upper
83 100
55 76.7 59.4 89.2
98 48.6 39.3 58.9

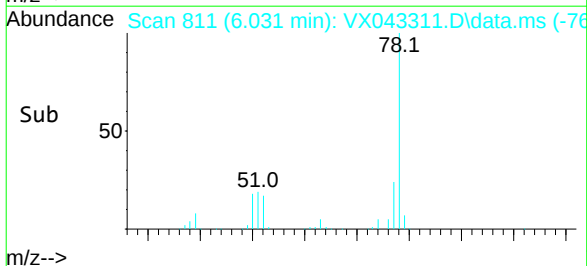
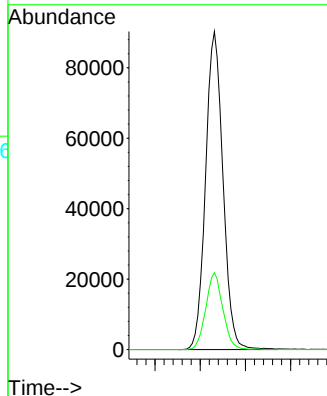
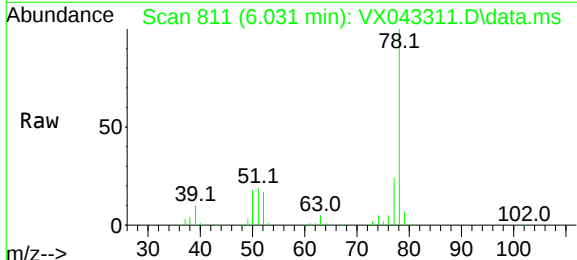
Manual Integrations
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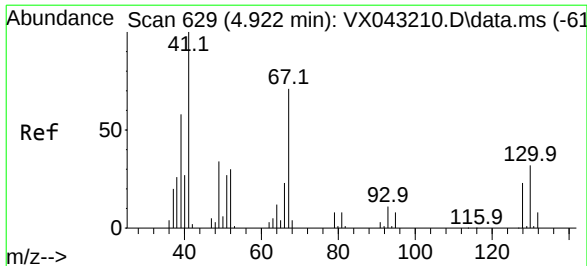
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#40
Benzene
Concen: 47.351 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion: 78 Resp: 241082
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2





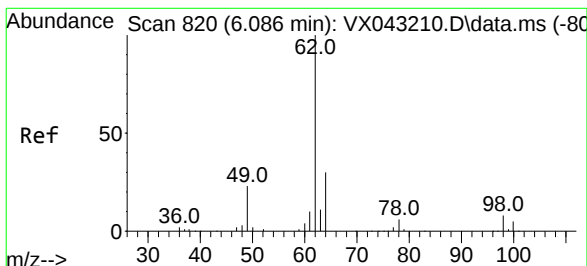
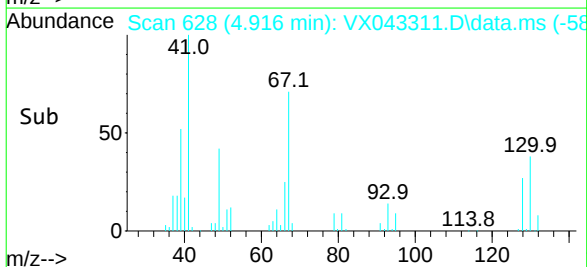
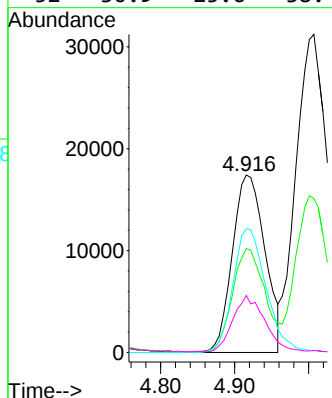
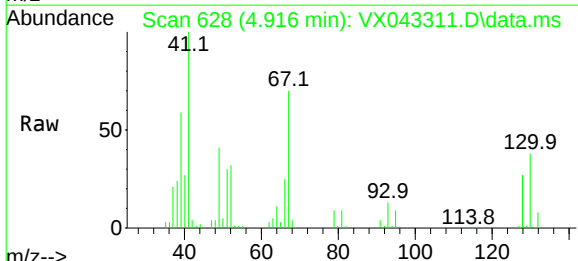
#41
Methacrylonitrile
Concen: 50.902 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	53434
Ion	Ratio	Lower	Upper
41	100		
39	60.4	45.0	67.4
67	70.9	56.0	84.0
52	30.9	25.6	38.4

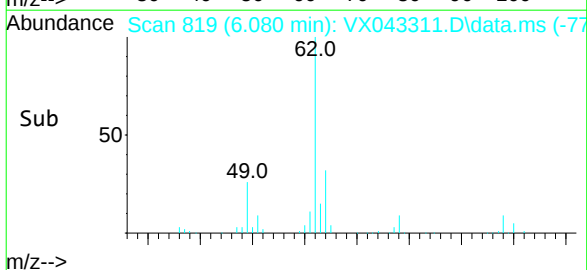
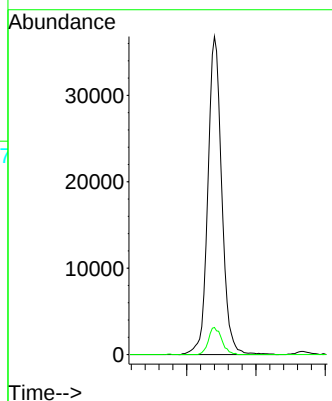
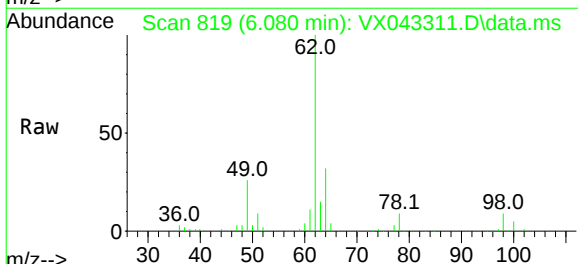
Manual Integrations
APPROVED

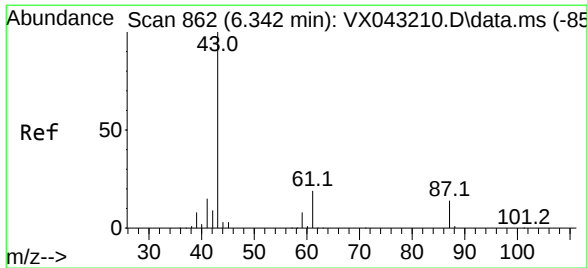
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#42
1,2-Dichloroethane
Concen: 49.294 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion:	62	Resp:	102273
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.0





#43

Isopropyl Acetate

Concen: 49.491 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

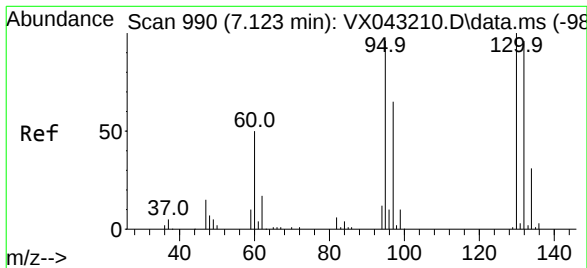
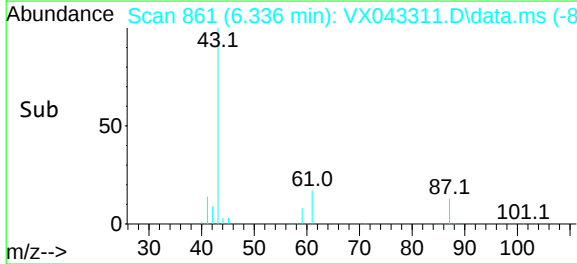
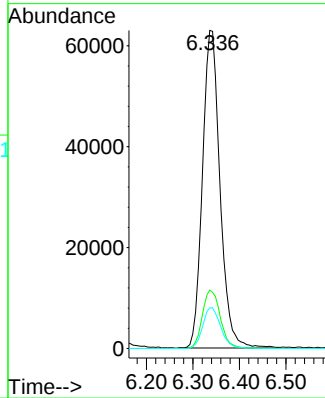
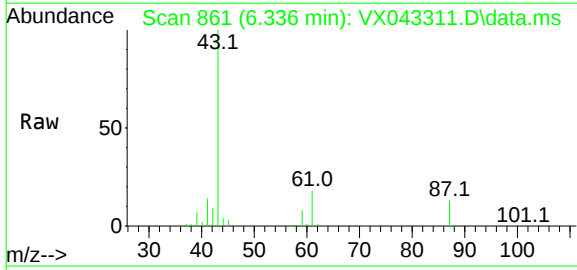
Tgt Ion:	43	Resp:	164850
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.1	22.7
87	13.2	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#44

Trichloroethene

Concen: 46.588 ug/l

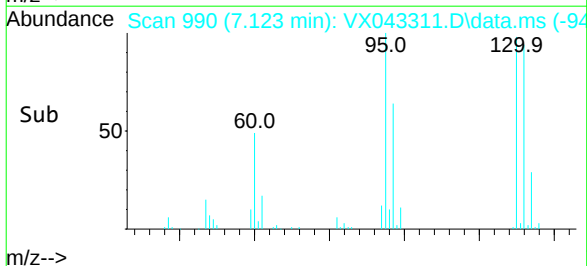
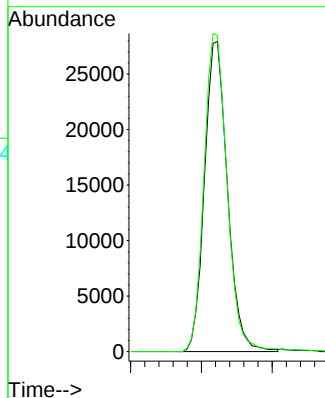
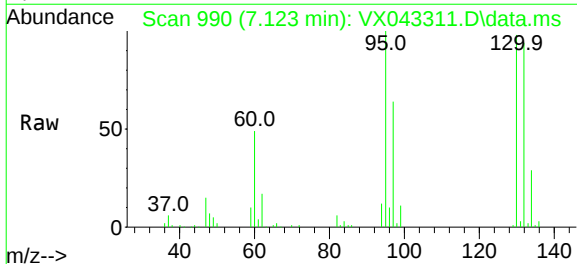
RT: 7.123 min Scan# 990

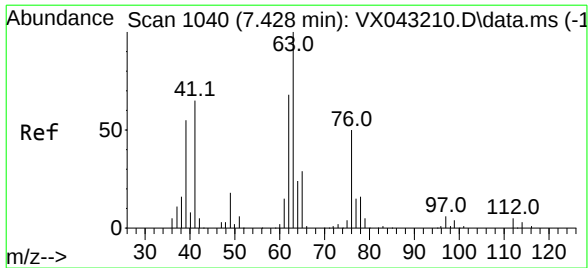
Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Tgt Ion:	130	Resp:	62914
Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	192.2





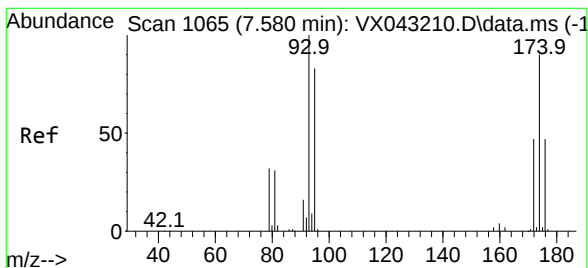
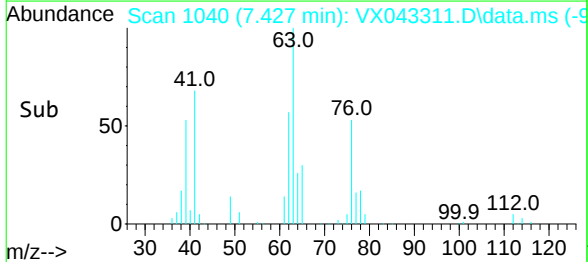
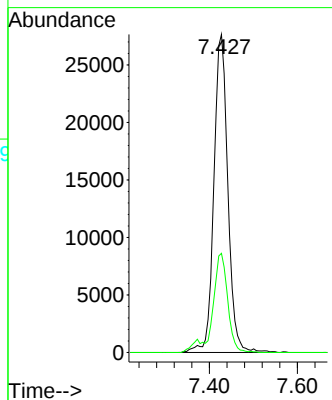
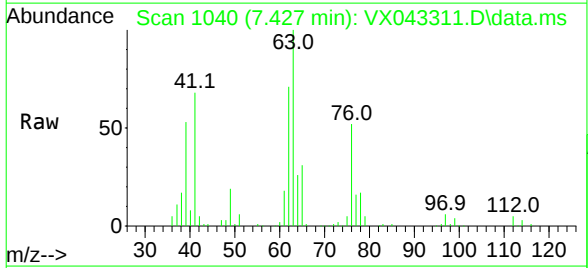
#45
1,2-Dichloropropane
Concen: 48.870 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 61062
Ion Ratio Lower Upper
63 100
65 31.2 23.2 34.8

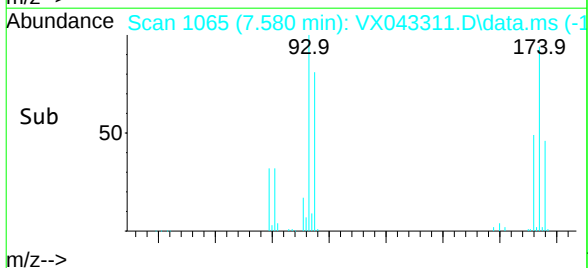
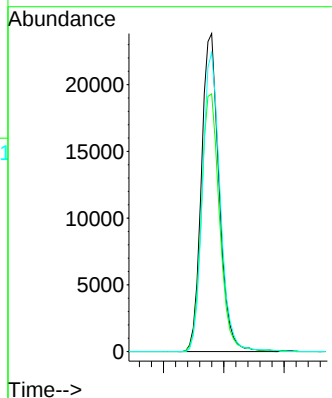
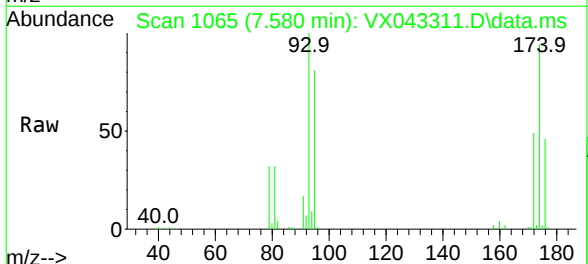
Manual Integrations
APPROVED

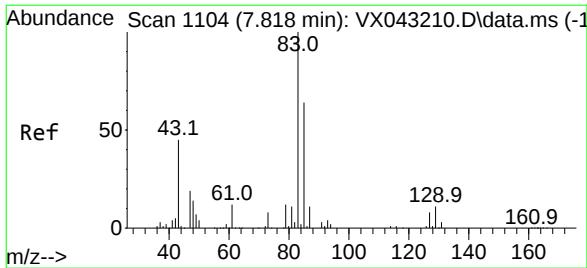
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#46
Dibromomethane
Concen: 48.481 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion: 93 Resp: 48540
Ion Ratio Lower Upper
93 100
95 83.3 65.8 98.8
174 93.5 74.5 111.7





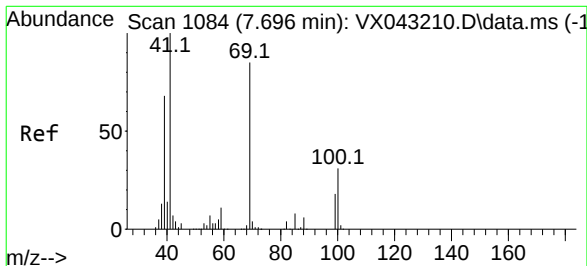
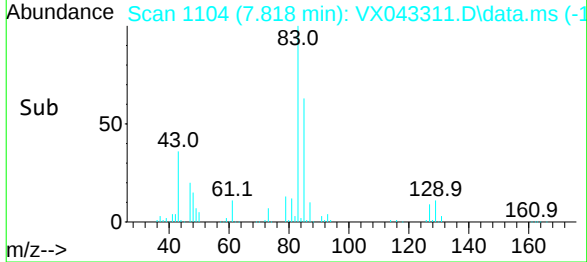
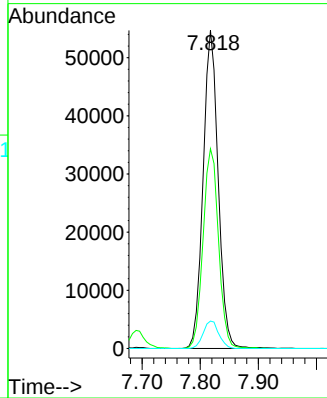
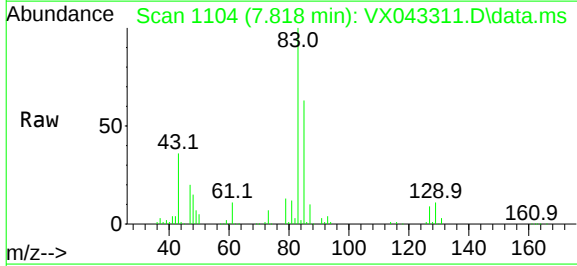
#47
Bromodichloromethane
Concen: 49.996 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 98413
Ion Ratio Lower Upper
83 100
85 62.8 51.4 77.2
127 8.6 6.2 9.4

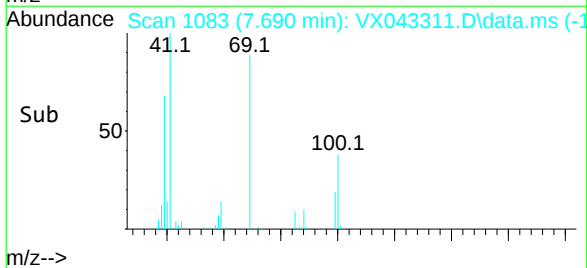
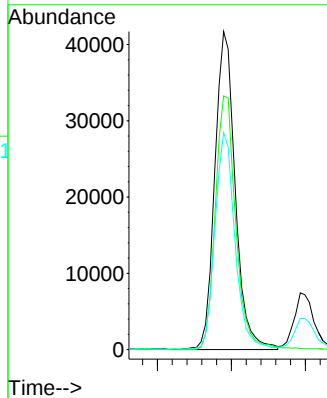
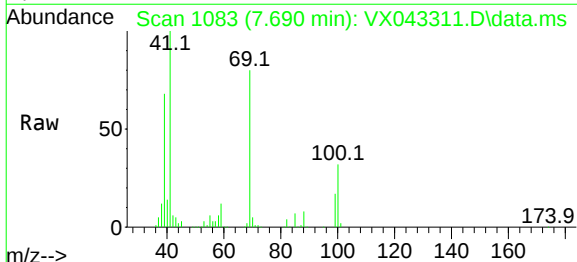
Manual Integrations
APPROVED

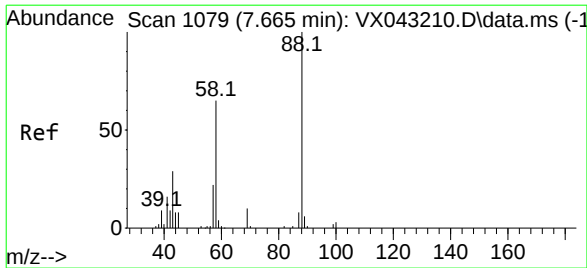
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#48
Methyl methacrylate
Concen: 48.875 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

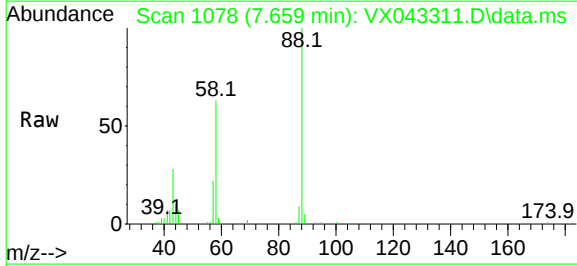
Tgt Ion: 41 Resp: 79878
Ion Ratio Lower Upper
41 100
69 80.3 64.1 96.1
39 66.4 52.8 79.2





#49
1,4-Dioxane
Concen: 1038.477 ug/l
RT: 7.659 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

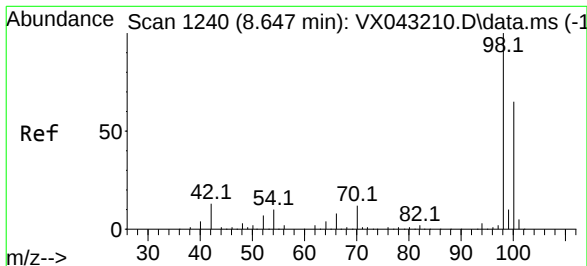
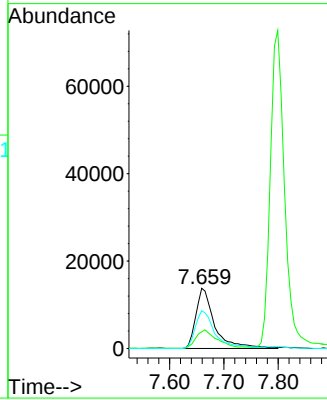
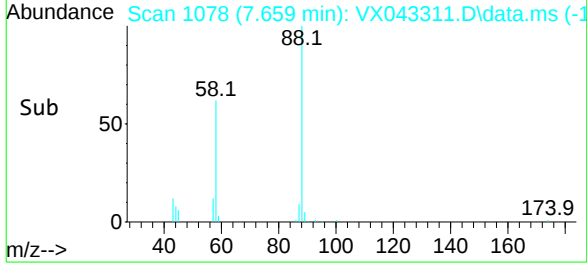
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 32992
Ion Ratio Lower Upper
88 100
43 36.1 29.5 44.3
58 65.7 55.2 82.8

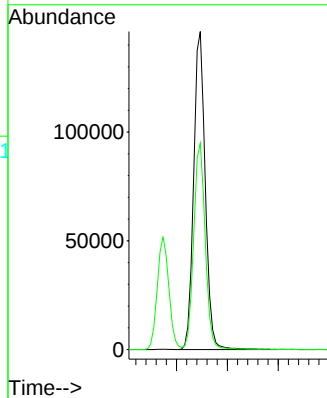
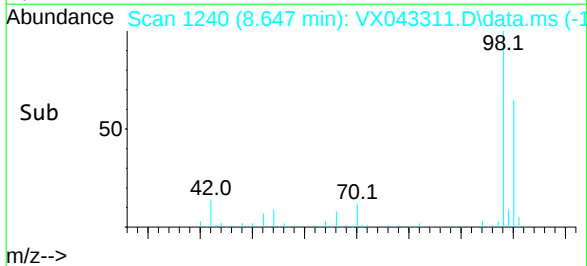
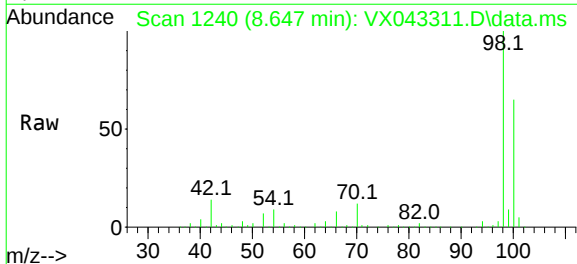
Manual Integrations
APPROVED

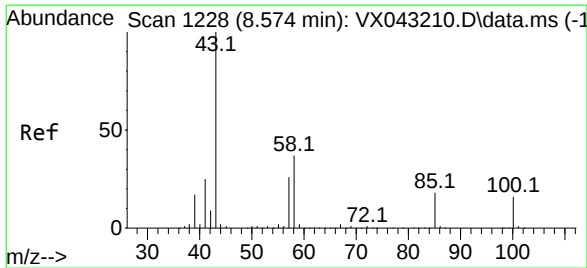
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#50
Toluene-d8
Concen: 50.209 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion: 98 Resp: 231290
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6





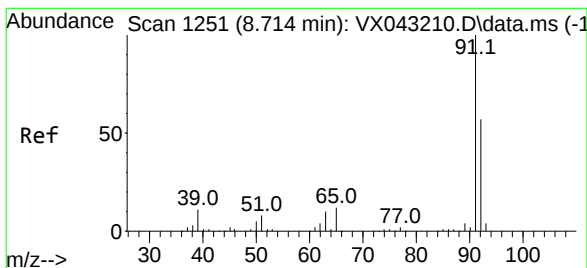
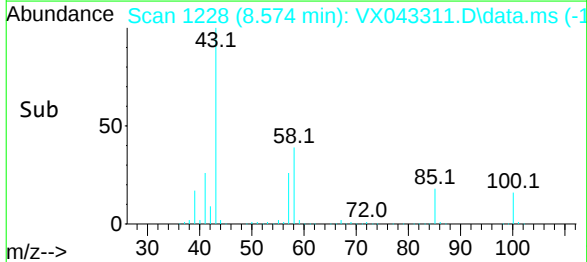
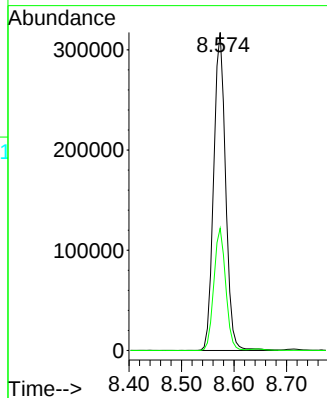
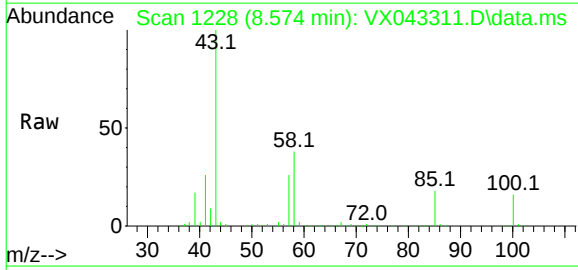
#51
4-Methyl-2-Pentanone
Concen: 248.235 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 502184
Ion Ratio Lower Upper
43 100
58 38.0 30.0 45.0

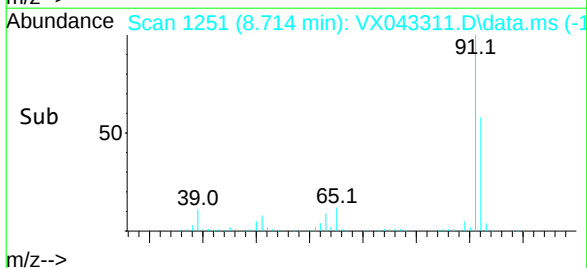
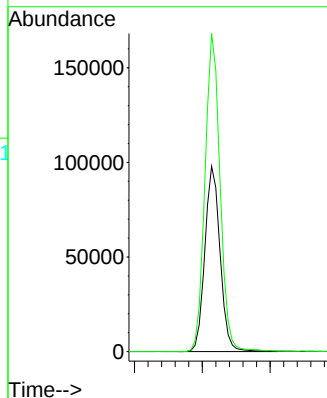
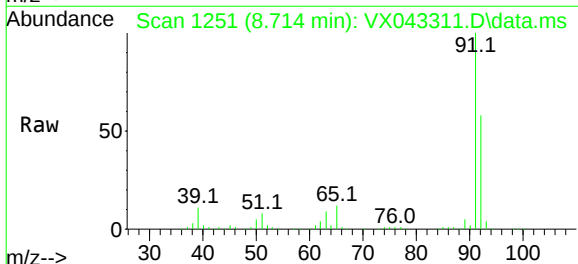
Manual Integrations
APPROVED

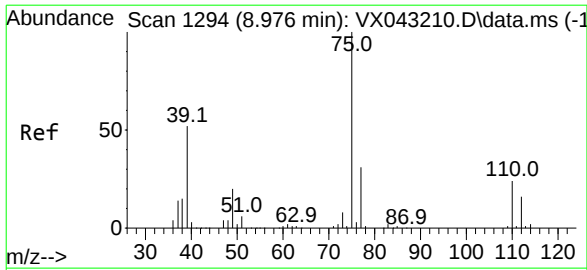
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#52
Toluene
Concen: 47.862 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

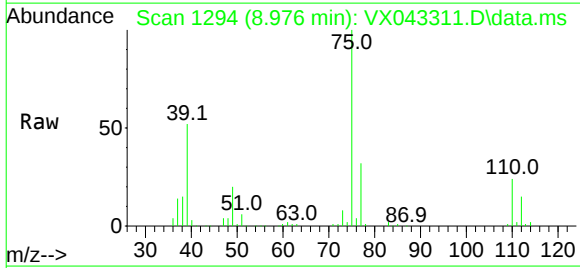
Tgt Ion: 92 Resp: 152726
Ion Ratio Lower Upper
92 100
91 170.7 137.0 205.4





#53
t-1,3-Dichloropropene
Concen: 51.271 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

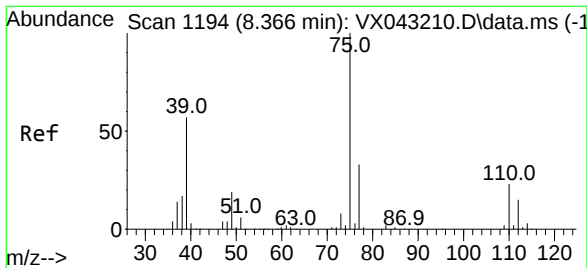
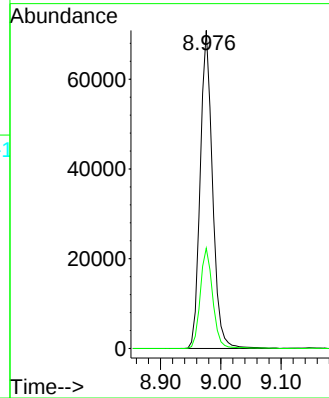
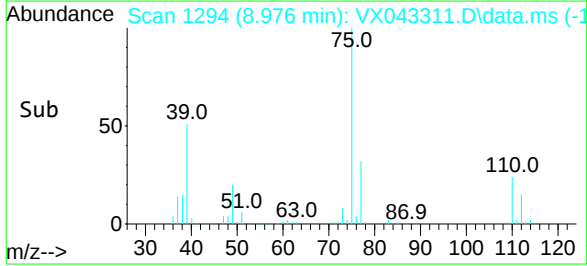
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



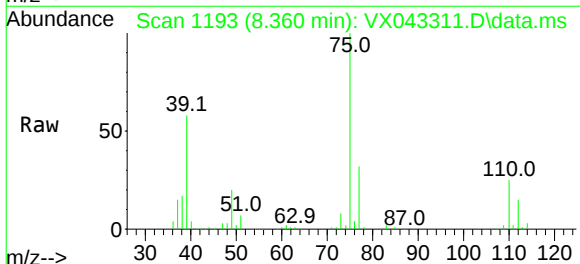
Tgt Ion: 75 Resp: 100287
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7

Manual Integrations
APPROVED

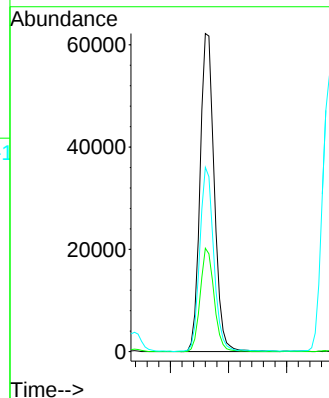
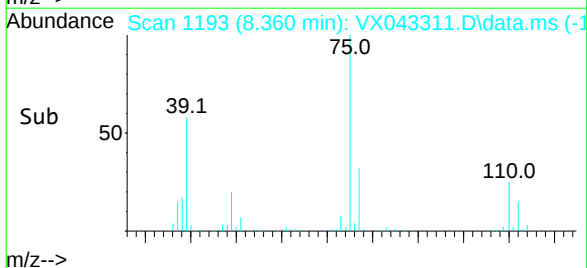
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

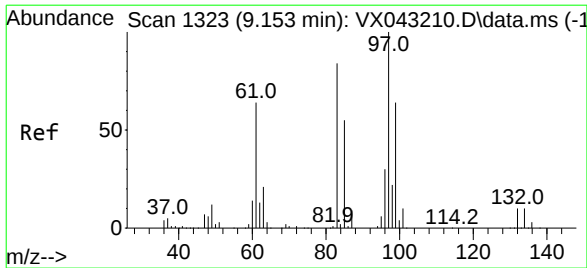


#54
cis-1,3-Dichloropropene
Concen: 50.357 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13



Tgt Ion: 75 Resp: 105644
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
39 57.8 45.8 68.8





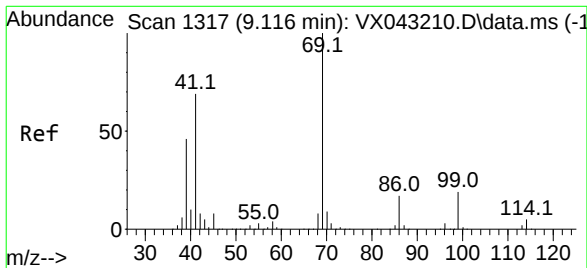
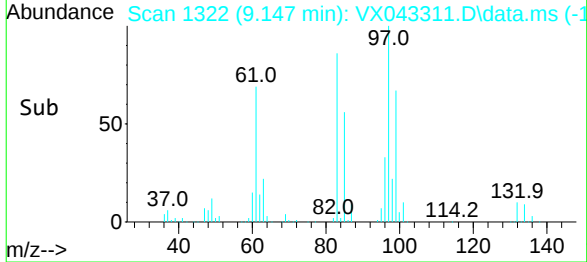
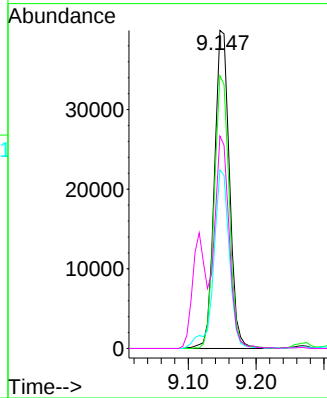
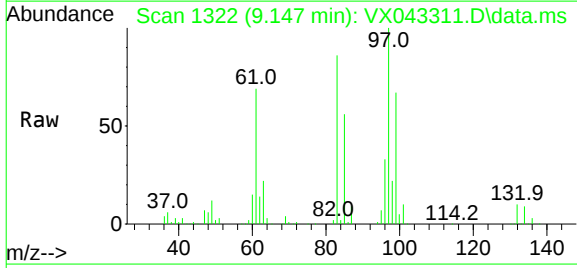
#55
1,1,2-Trichloroethane
Concen: 48.553 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	97	Resp:	61573
Ion	Ratio	Lower	Upper
97	100		
83	85.8	66.9	100.3
85	56.1	43.9	65.9
99	66.8	51.6	77.4

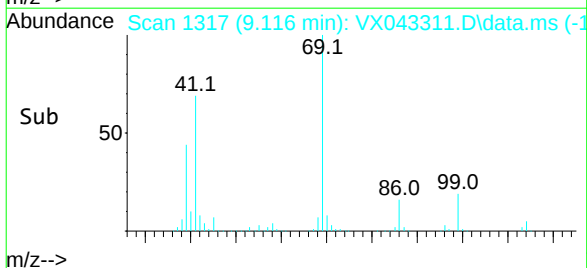
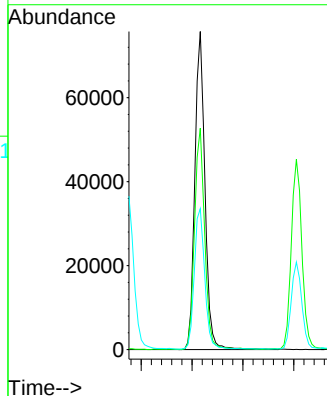
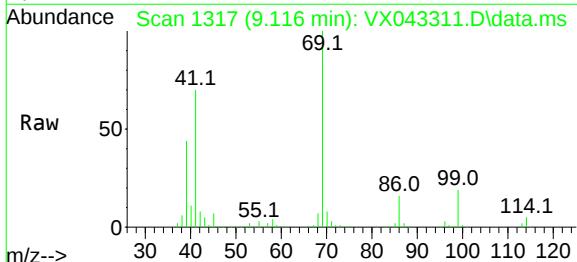
Manual Integrations
APPROVED

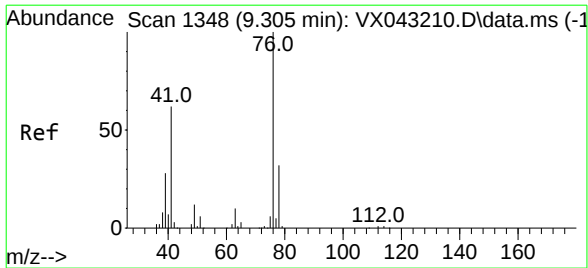
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#56
Ethyl methacrylate
Concen: 50.482 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion:	69	Resp:	104664
Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.1	84.1
39	45.5	36.4	54.6





#57
1,3-Dichloropropane
Concen: 48.433 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :

MSVOA_X

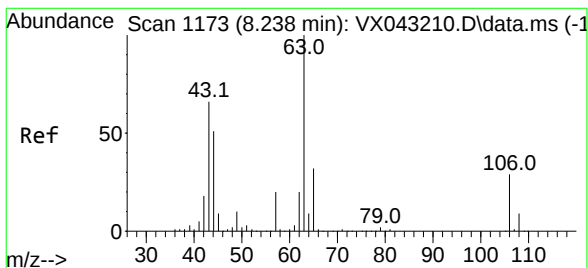
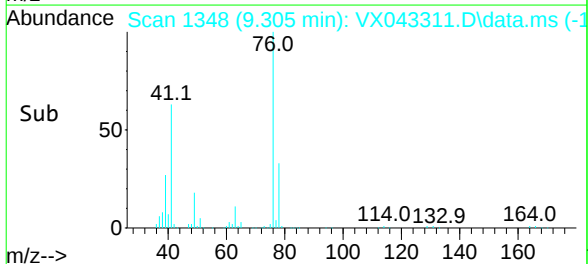
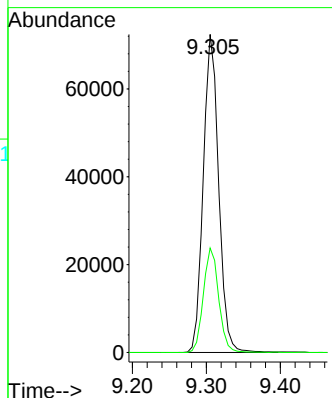
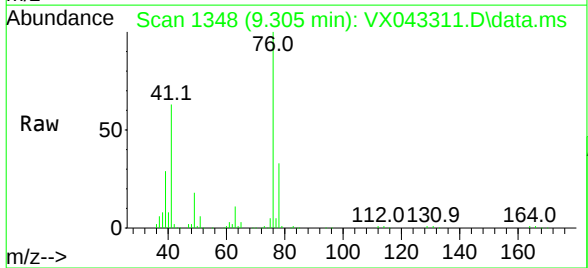
ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 104610
Ion Ratio Lower Upper
76 100
78 32.7 25.7 38.5

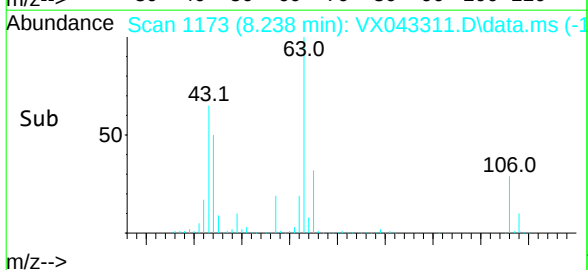
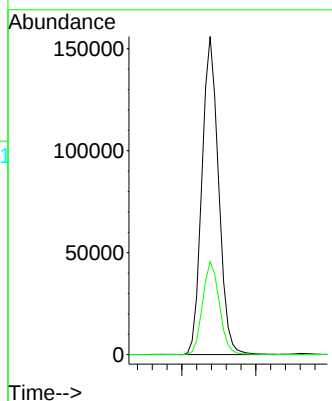
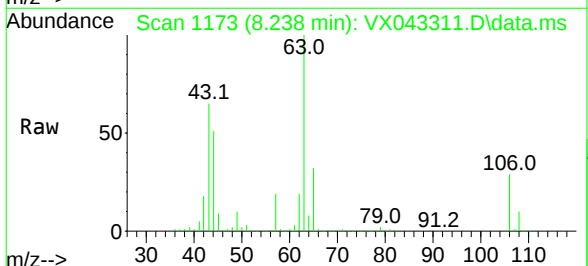
Manual Integrations
APPROVED

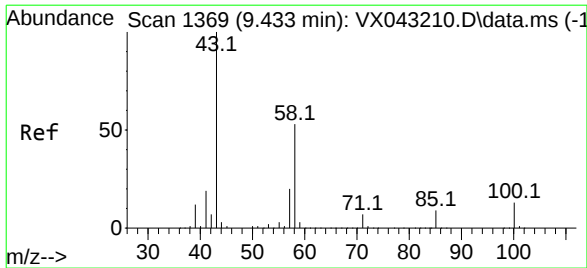
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#58
2-Chloroethyl Vinyl ether
Concen: 261.333 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion: 63 Resp: 244228
Ion Ratio Lower Upper
63 100
106 29.4 23.7 35.5





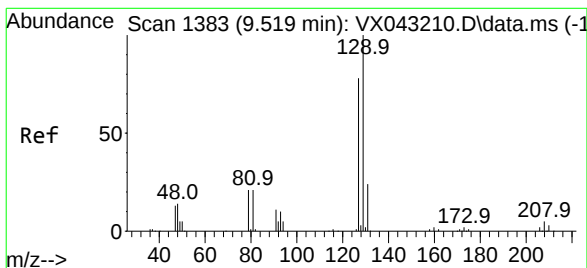
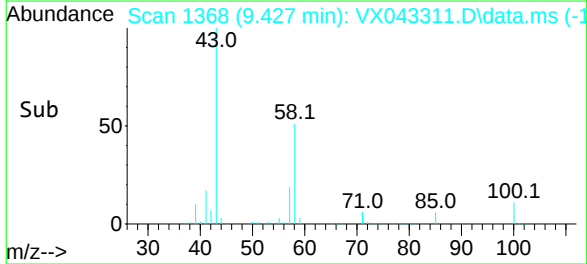
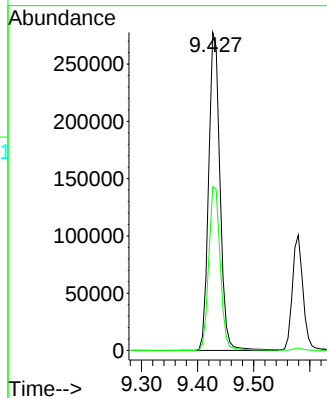
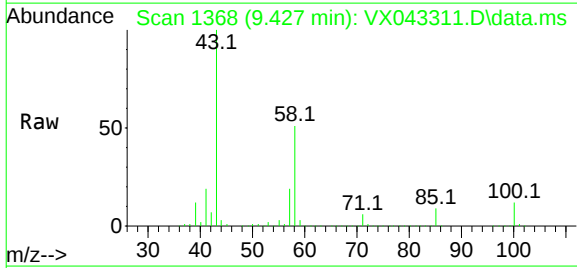
#59
2-Hexanone
Concen: 254.661 ug/l
RT: 9.427 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 389596
Ion Ratio Lower Upper
43 100
58 52.4 26.1 78.3

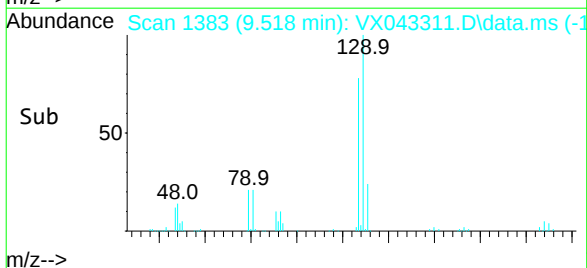
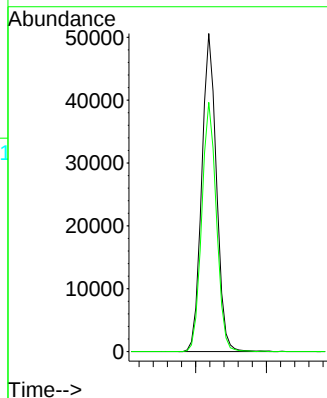
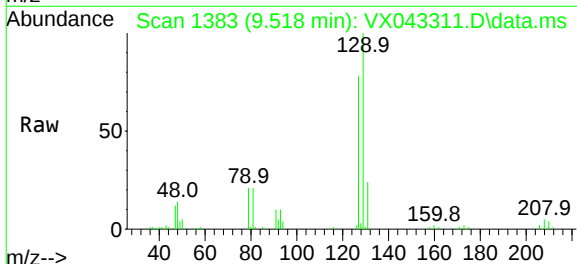
Manual Integrations
APPROVED

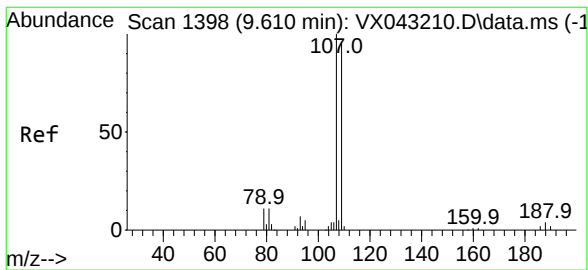
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#60
Dibromochloromethane
Concen: 49.713 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion:129 Resp: 73138
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.9





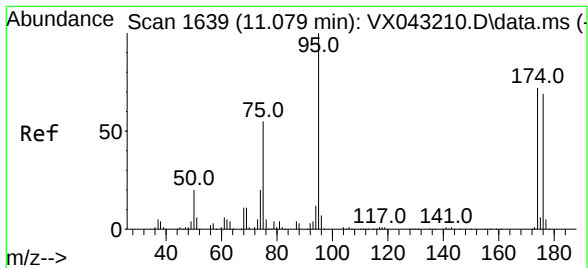
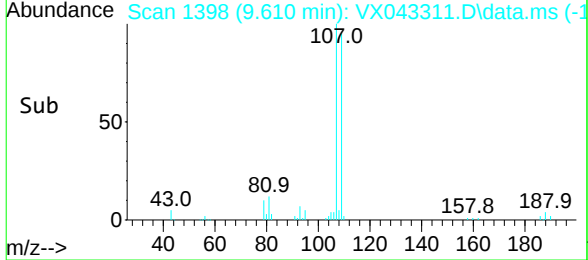
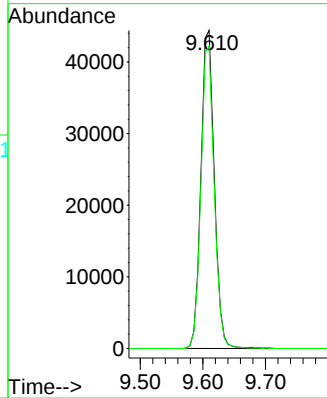
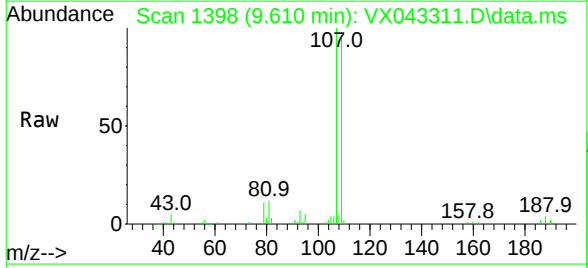
#61
1,2-Dibromoethane
Concen: 48.477 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Tgt Ion: 107 Resp: 66051
Ion Ratio Lower Upper
107 100
109 94.2 76.1 114.1

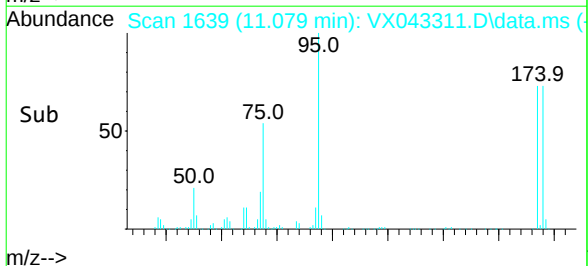
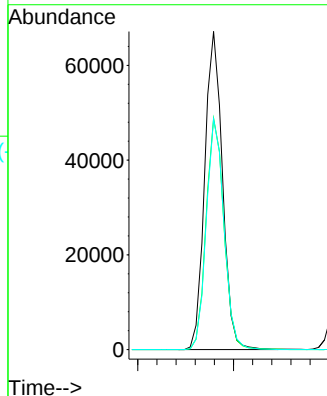
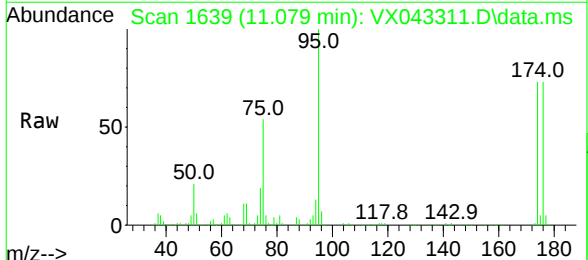
Manual Integrations
APPROVED

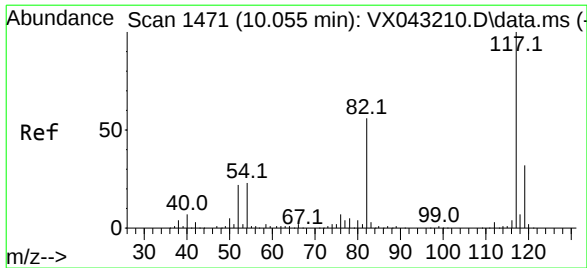
Reviewed By : John Carlone 10/09/2024
Supervised By : Mahesh Dadoda 10/09/2024



#62
4-Bromofluorobenzene
Concen: 51.590 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion: 95 Resp: 86336
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.0
176 72.3 0.0 143.0





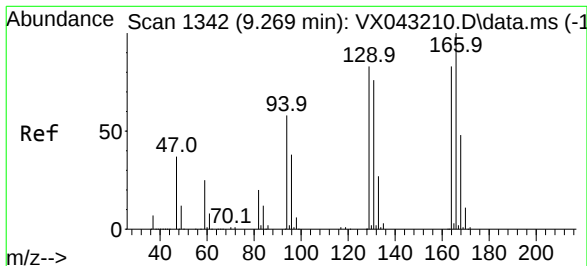
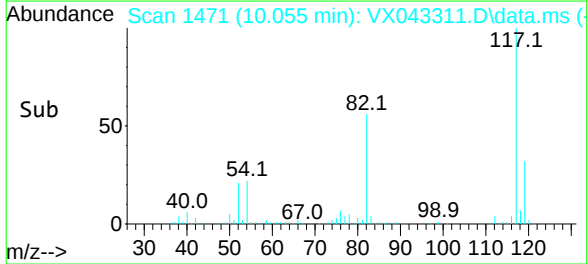
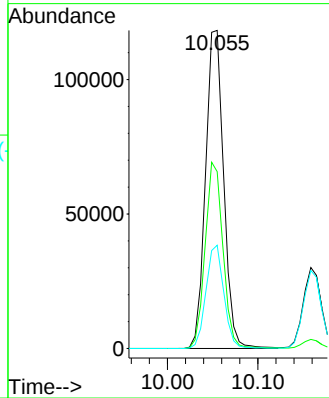
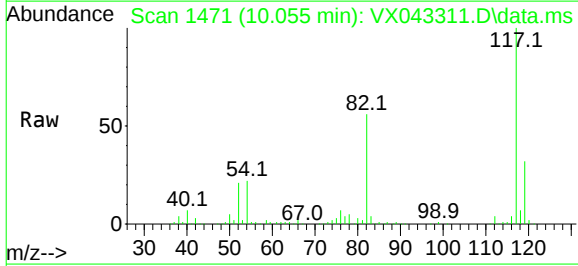
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Tgt Ion:117 Resp: 165091
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.6
119 32.5 25.3 37.9

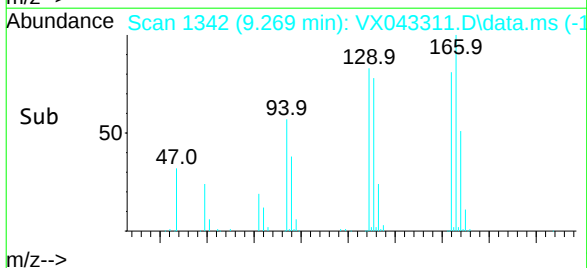
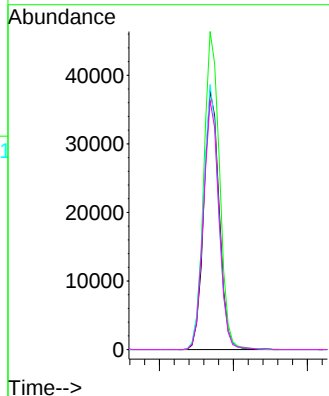
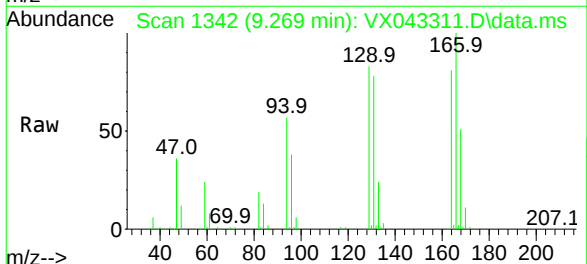
Manual Integrations
APPROVED

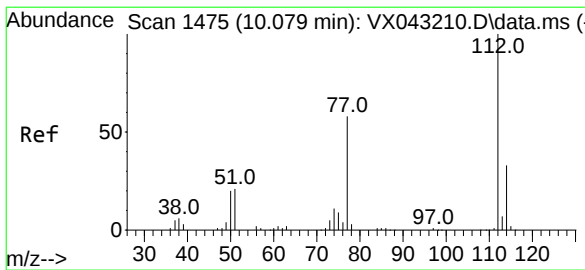
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#64
Tetrachloroethene
Concen: 47.922 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion:164 Resp: 54896
Ion Ratio Lower Upper
164 100
166 123.0 96.0 144.0
129 102.5 79.4 119.0
131 96.3 72.6 109.0





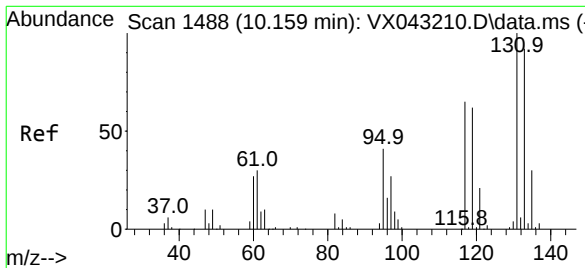
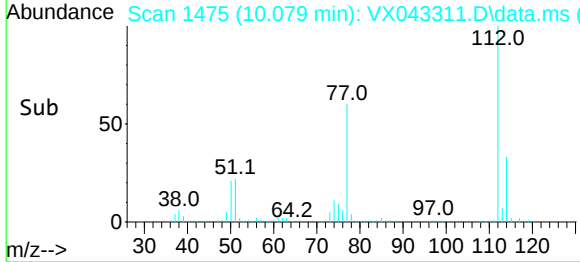
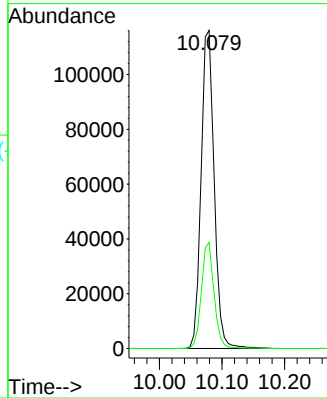
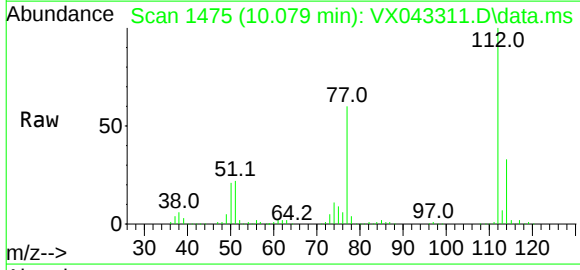
#65
Chlorobenzene
Concen: 47.491 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 168557
Ion Ratio Lower Upper
112 100
114 33.3 26.4 39.6

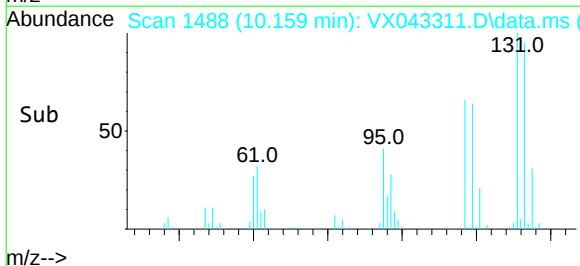
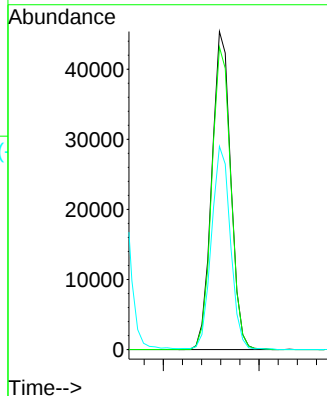
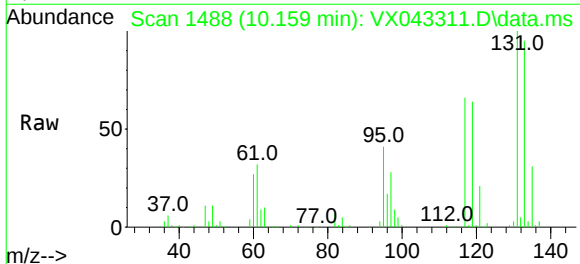
Manual Integrations
APPROVED

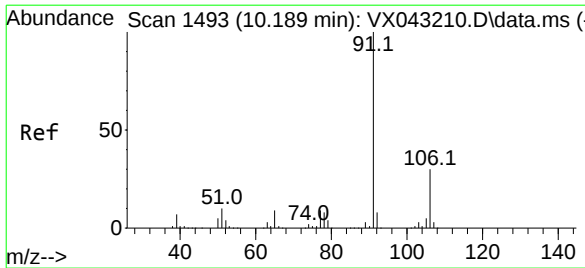
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 49.643 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion:131 Resp: 62303
Ion Ratio Lower Upper
131 100
133 95.8 46.9 140.8
119 64.2 31.7 95.1





#67

Ethyl Benzene

Concen: 48.670 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 298580

Ion Ratio Lower Upper

91 100

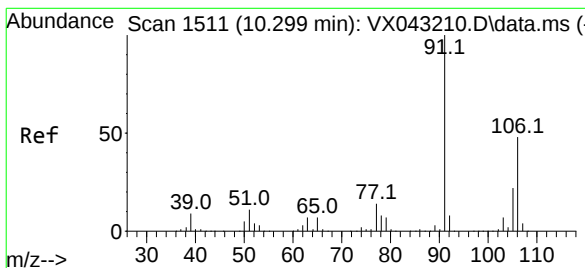
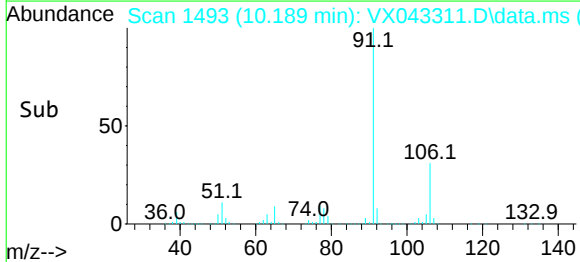
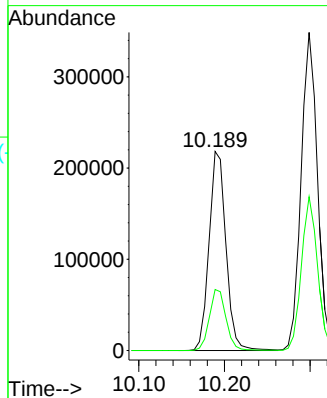
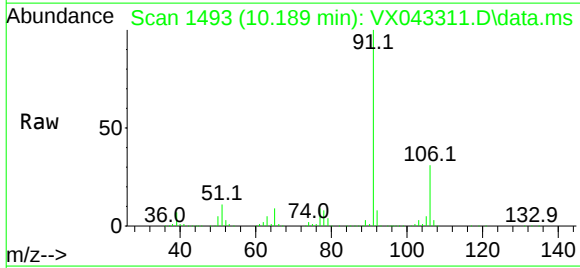
106 30.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#68

m/p-Xylenes

Concen: 96.009 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043311.D

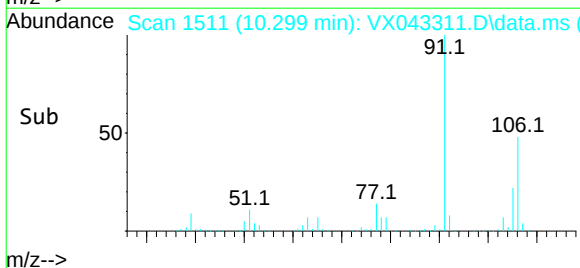
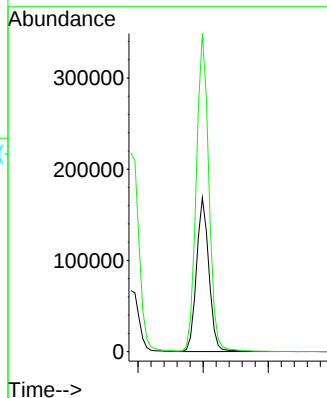
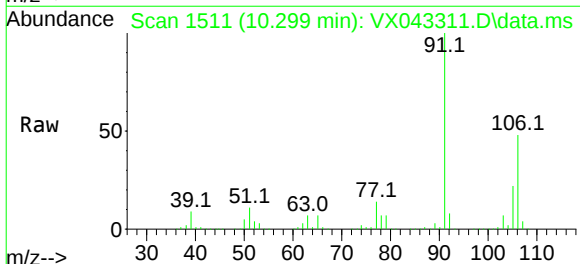
Acq: 08 Oct 2024 09:13

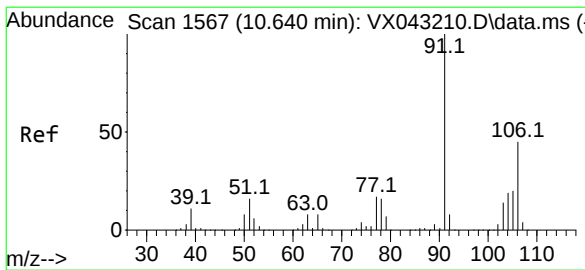
Tgt Ion:106 Resp: 222587

Ion Ratio Lower Upper

106 100

91 209.8 167.0 250.6





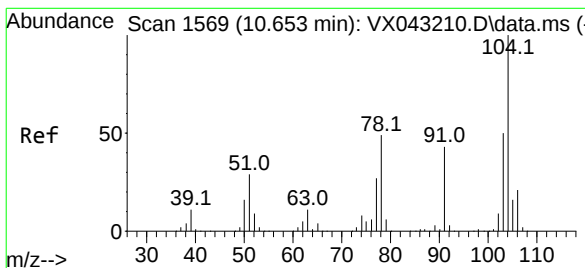
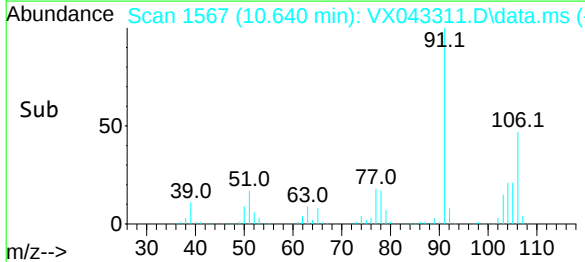
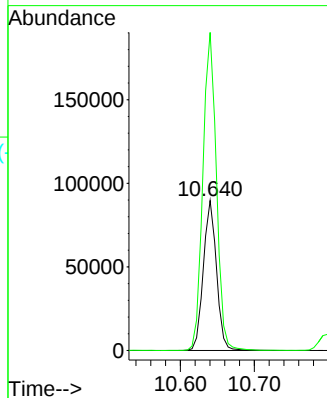
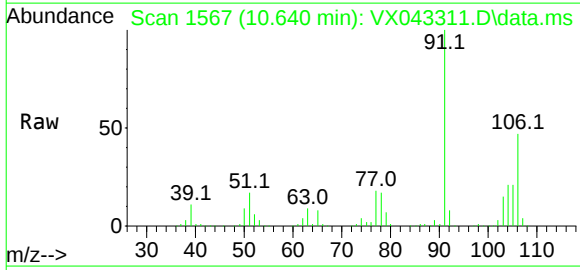
#69
o-Xylene
Concen: 48.075 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 110755
Ion Ratio Lower Upper
106 100
91 218.2 111.6 334.8

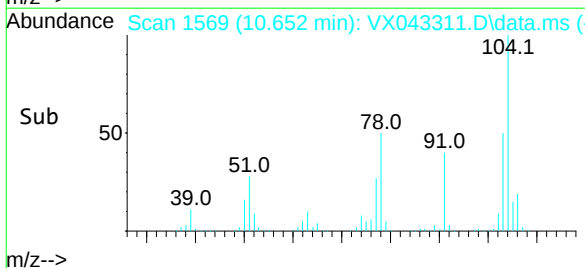
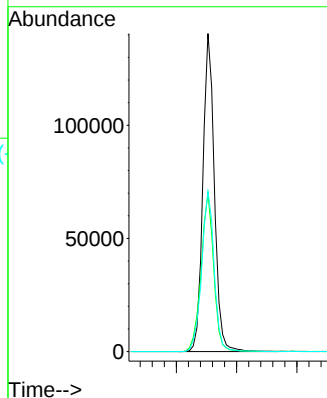
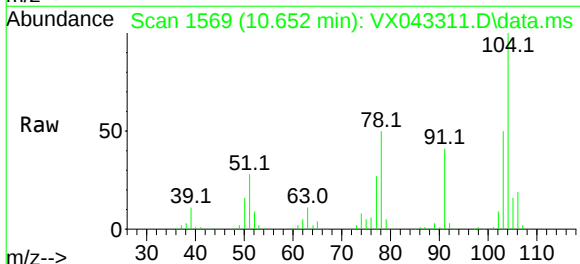
Manual Integrations
APPROVED

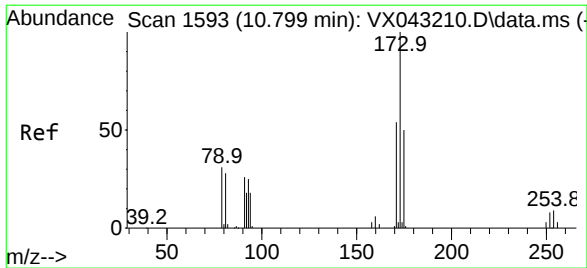
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#70
Styrene
Concen: 49.954 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion:104 Resp: 186507
Ion Ratio Lower Upper
104 100
78 54.4 43.5 65.3
103 54.8 43.9 65.9





#71

Bromoform

Concen: 51.648 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

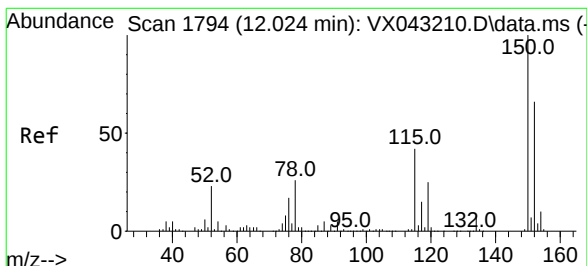
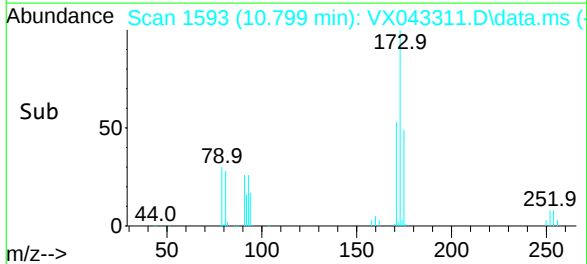
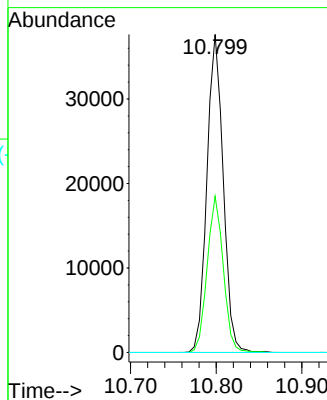
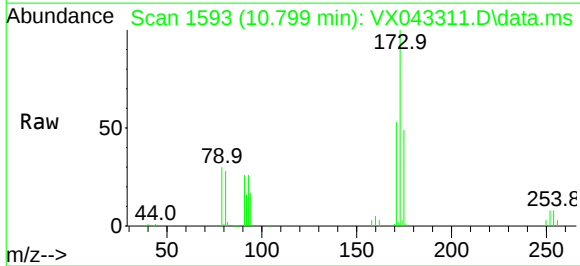
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.9
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

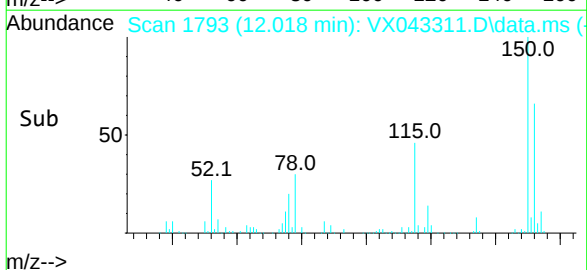
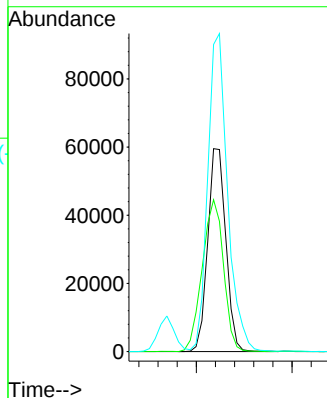
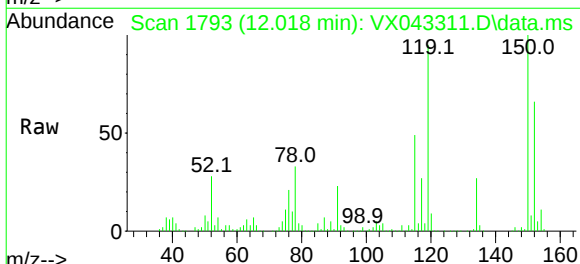
RT: 12.018 min Scan# 1793

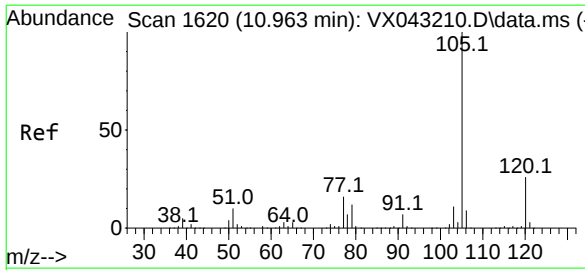
Delta R.T. -0.006 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	87.9	44.1	132.3
150	170.9	0.0	347.4





#73

Isopropylbenzene

Concen: 47.438 ug/l

RT: 10.963 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 288584

Ion Ratio Lower Upper

105 100

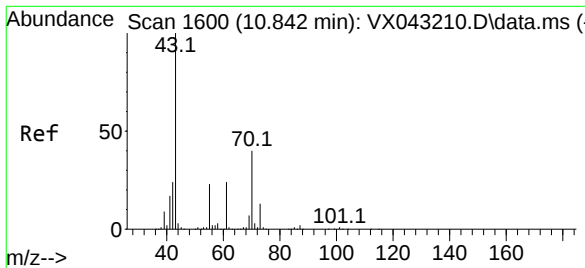
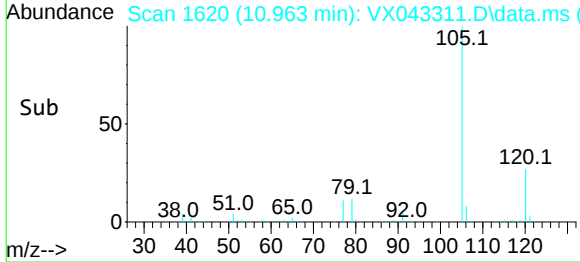
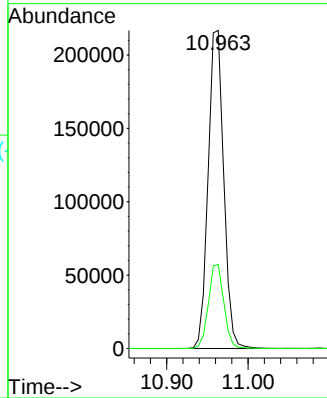
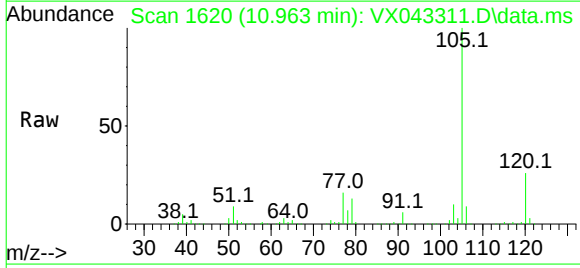
120 26.1 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#74

N-ethyl acetate

Concen: 47.251 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Tgt Ion: 43 Resp: 136453

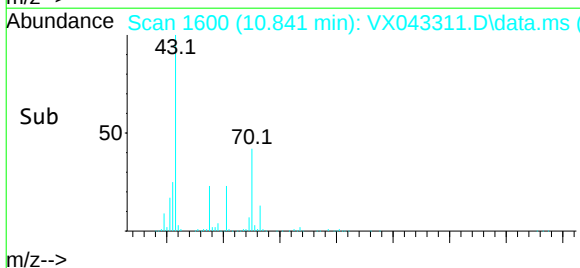
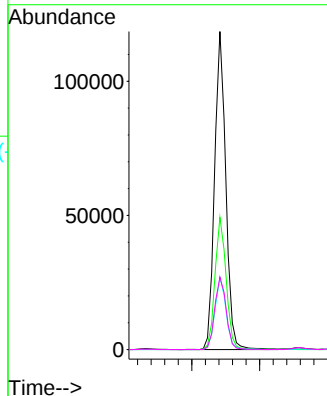
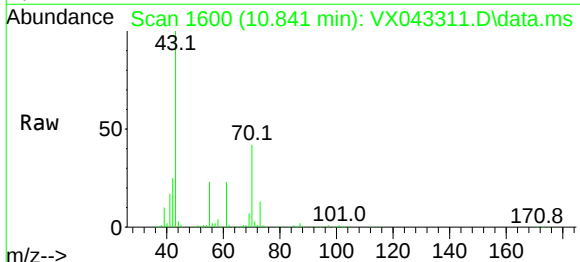
Ion Ratio Lower Upper

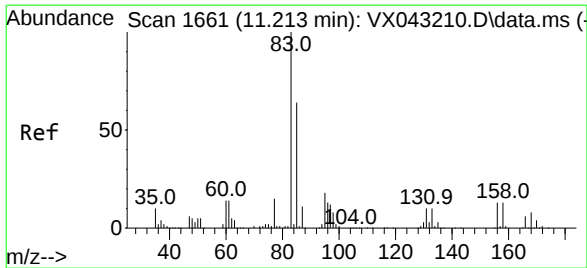
43 100

70 41.5 33.1 49.7

55 22.6 18.6 27.8

61 23.2 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.848 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

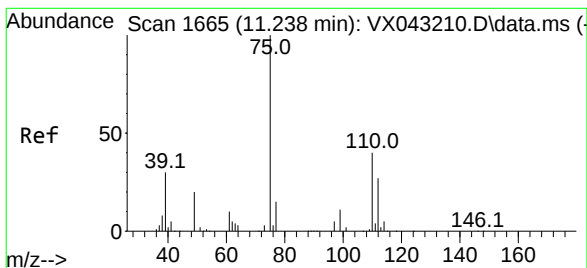
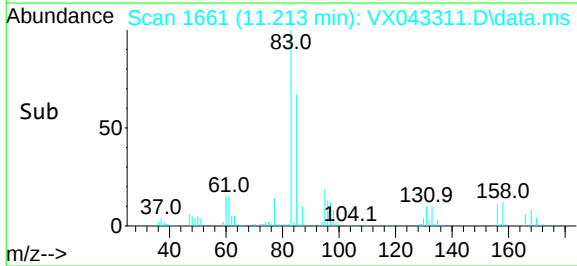
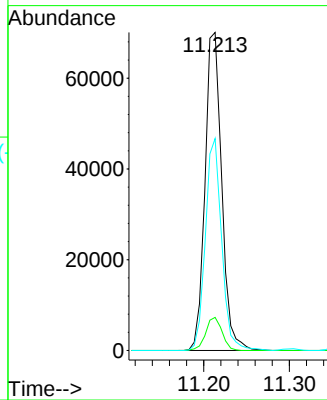
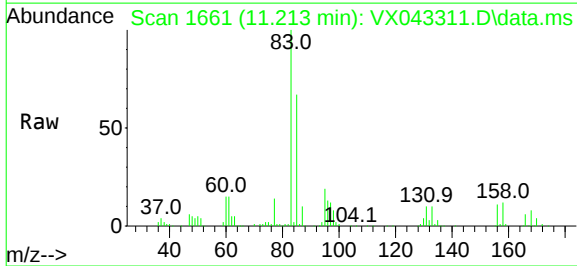
Tgt Ion:	83	Resp:	94824
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.2	15.6
85	65.1	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#76

1,2,3-Trichloropropane

Concen: 47.698 ug/l m

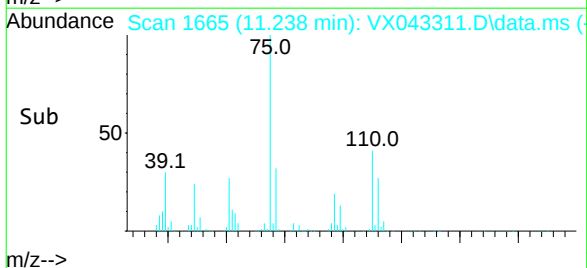
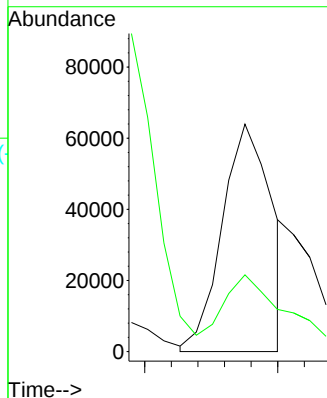
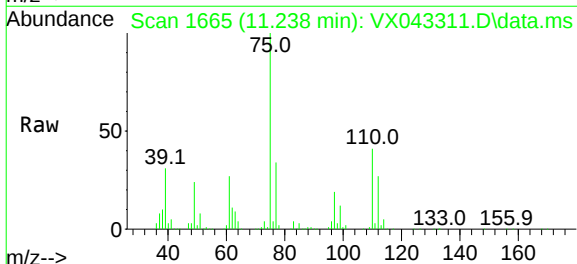
RT: 11.238 min Scan# 1665

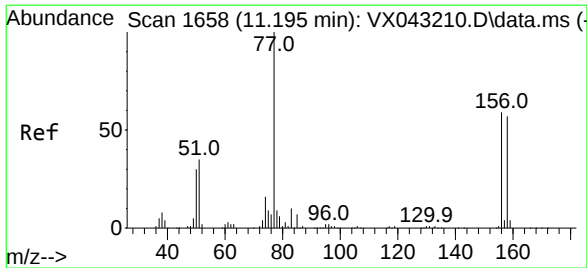
Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Tgt Ion:	75	Resp:	82783
Ion	Ratio	Lower	Upper
75	100		
77	44.0	22.0	66.0





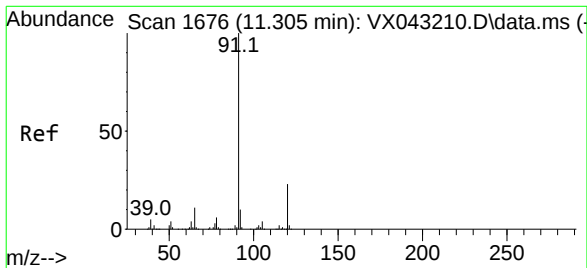
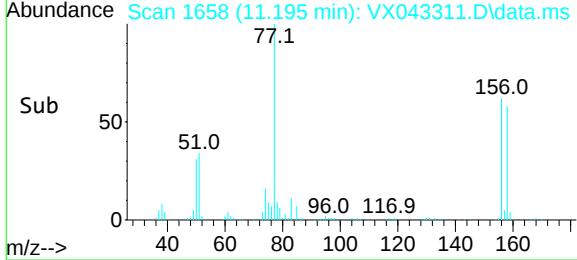
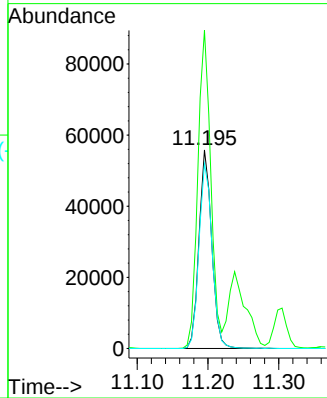
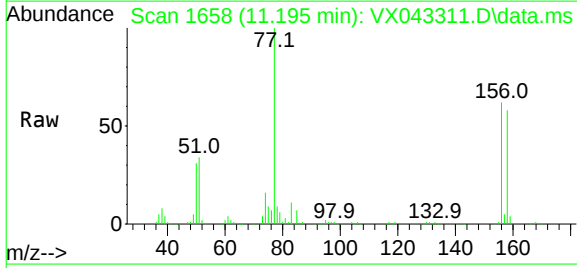
#77
Bromobenzene
Concen: 47.153 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 156 Resp: 69807
Ion Ratio Lower Upper
156 100
77 163.1 82.0 245.8
158 96.2 48.1 144.3

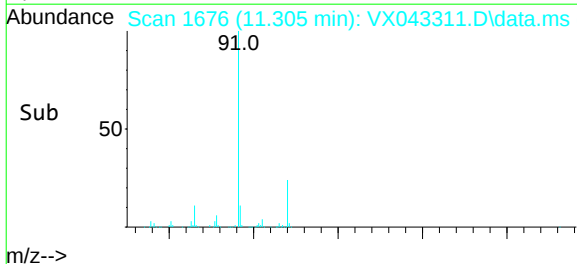
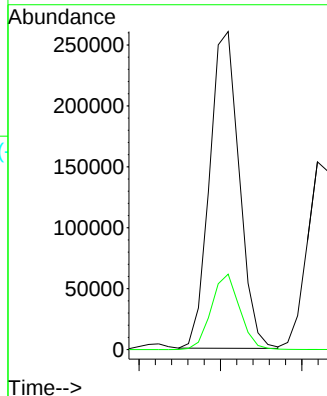
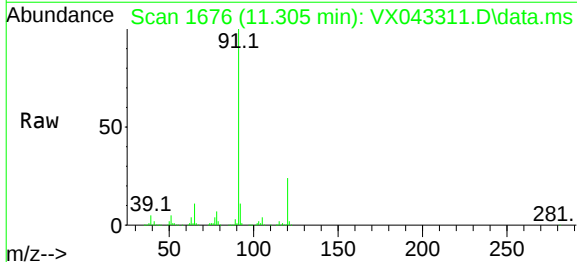
Manual Integrations
APPROVED

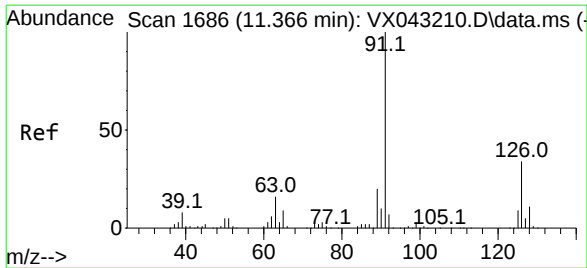
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#78
n-propylbenzene
Concen: 49.335 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

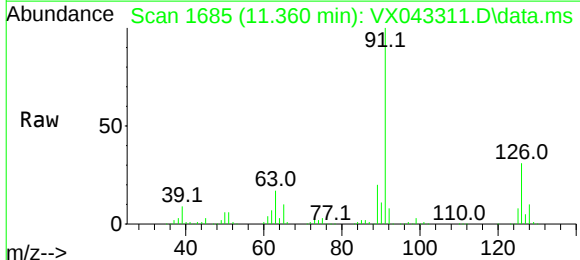
Tgt Ion: 91 Resp: 329477
Ion Ratio Lower Upper
91 100
120 22.9 11.4 34.1





#79
2-Chlorotoluene
Concen: 46.630 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

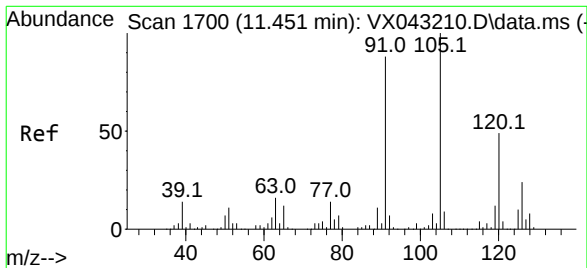
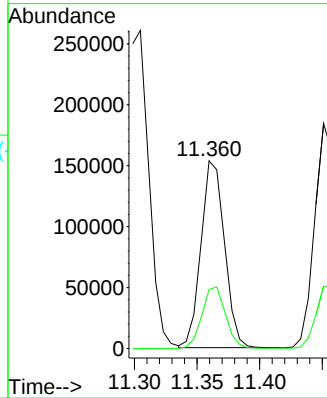
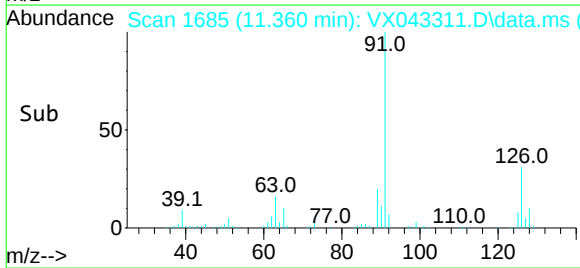
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



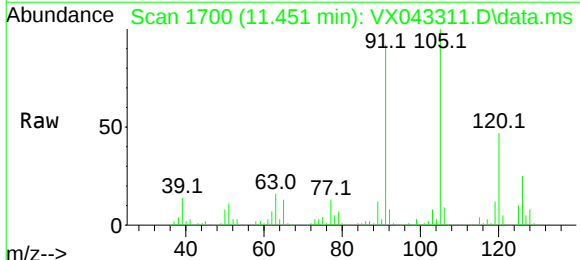
Tgt Ion: 91 Resp: 200205
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.7

Manual Integrations
APPROVED

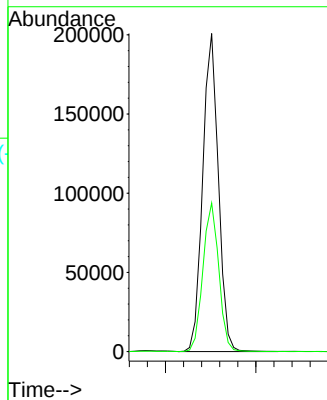
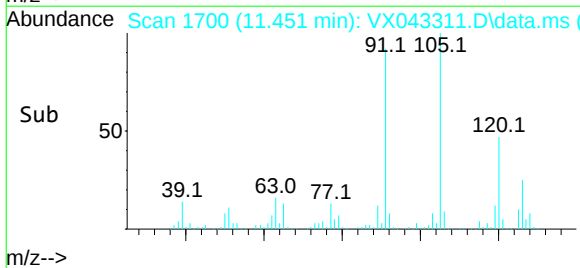
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

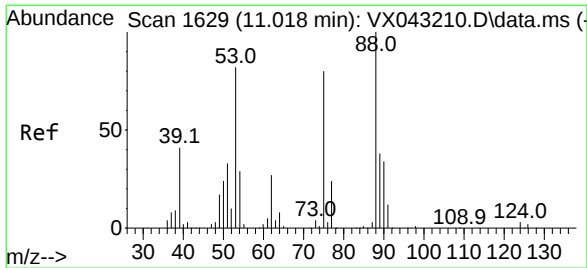


#80
1,3,5-Trimethylbenzene
Concen: 48.258 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13



Tgt Ion:105 Resp: 242166
Ion Ratio Lower Upper
105 100
120 47.3 23.9 71.8





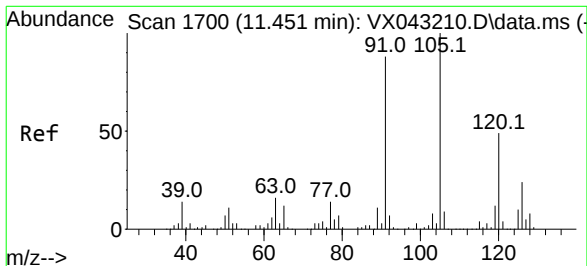
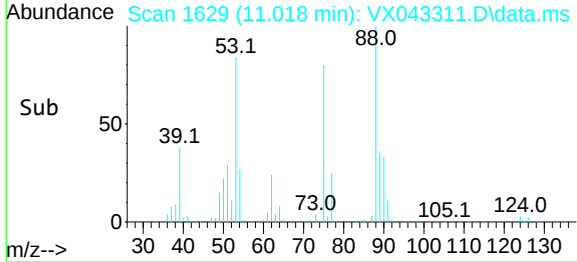
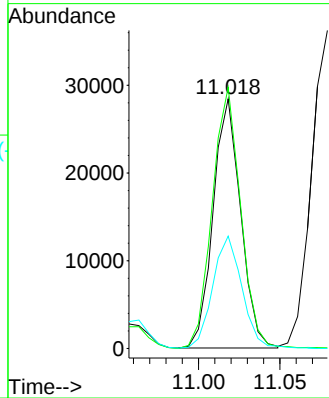
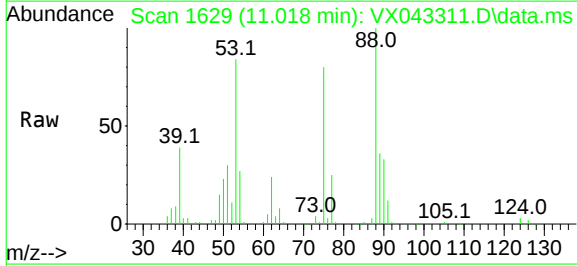
#81
trans-1,4-Dichloro-2-butene
Concen: 49.840 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Tgt Ion: 75 Resp: 33377
Ion Ratio Lower Upper
75 100
53 108.8 83.9 125.9
89 48.1 38.6 58.0

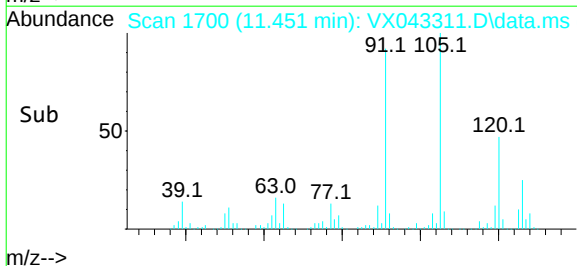
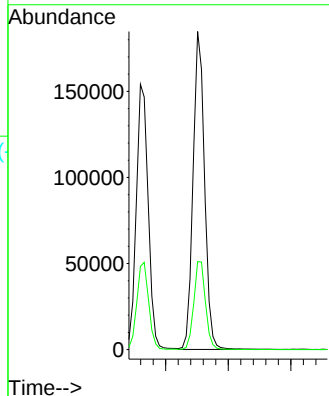
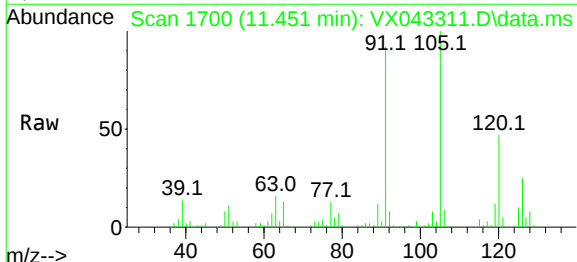
Manual Integrations
APPROVED

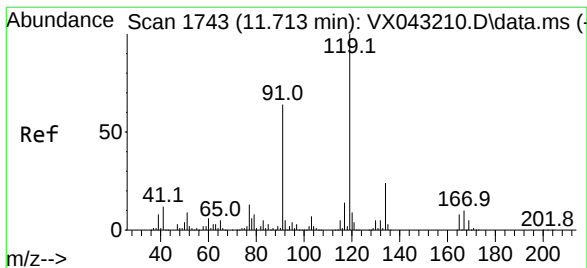
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#82
4-Chlorotoluene
Concen: 48.087 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion: 91 Resp: 235193
Ion Ratio Lower Upper
91 100
126 28.4 14.1 42.3





#83

tert-Butylbenzene

Concen: 47.770 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

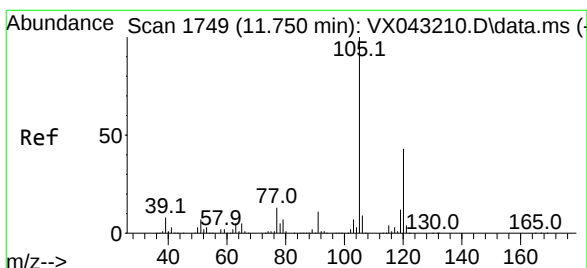
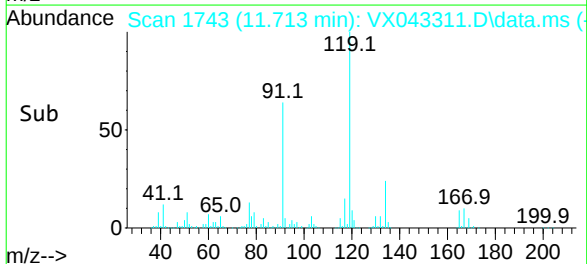
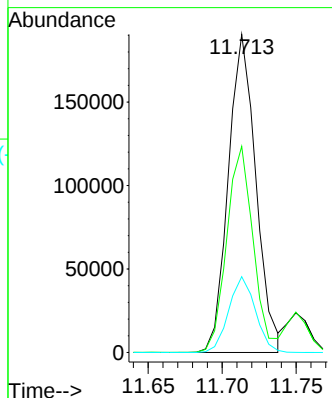
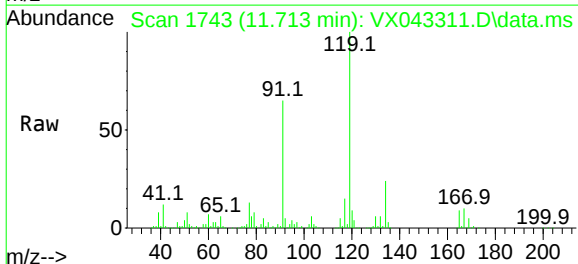
Tgt Ion:	119	Resp:	246971
Ion	Ratio	Lower	Upper
119	100		
91	62.4	31.0	93.0
134	23.1	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#84

1,2,4-Trimethylbenzene

Concen: 48.282 ug/l

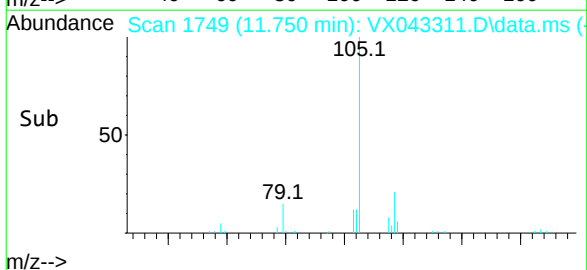
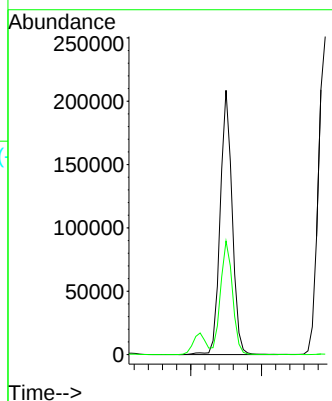
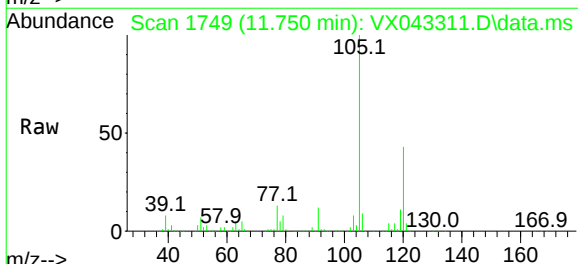
RT: 11.750 min Scan# 1749

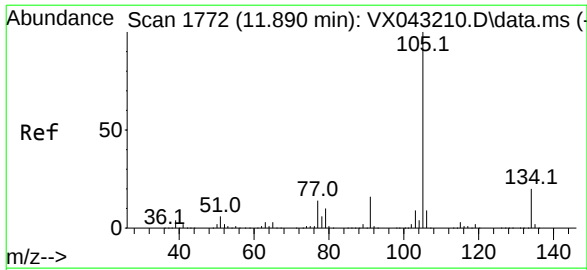
Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Tgt Ion:	105	Resp:	243785
Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.2	63.6





#85

sec-Butylbenzene

Concen: 49.366 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 302555

Ion Ratio Lower Upper

105 100

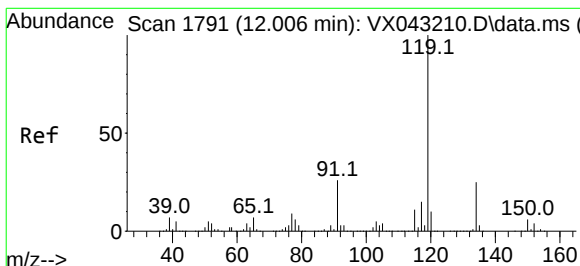
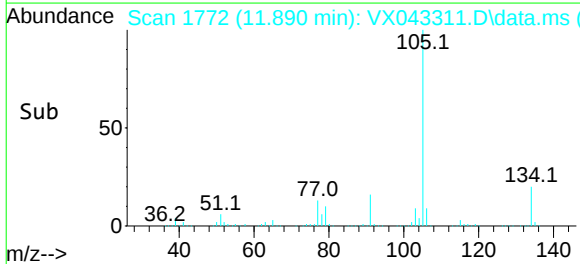
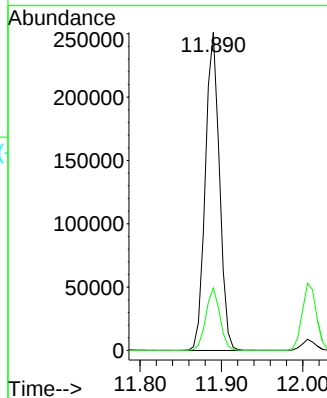
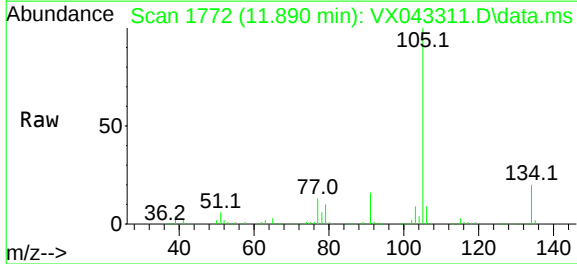
134 19.5 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#86

p-Isopropyltoluene

Concen: 49.725 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

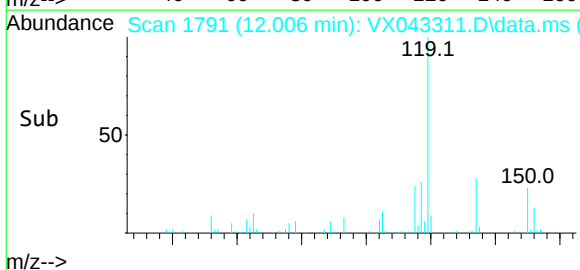
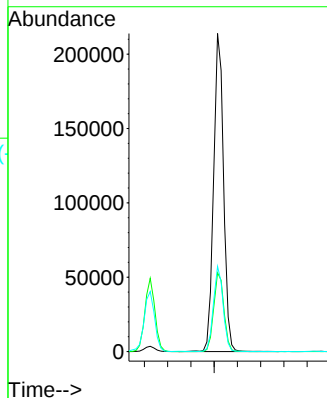
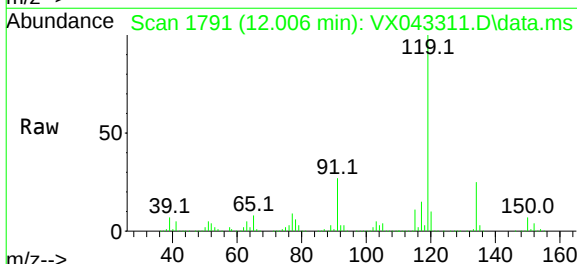
Tgt Ion:119 Resp: 254257

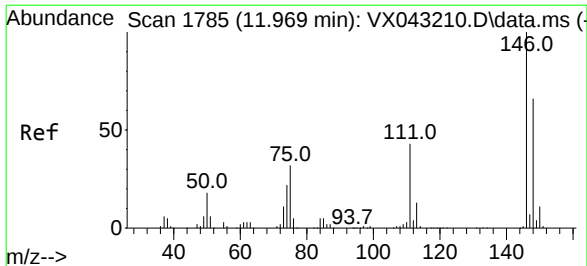
Ion Ratio Lower Upper

119 100

134 25.4 13.0 38.9

91 26.3 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 48.809 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

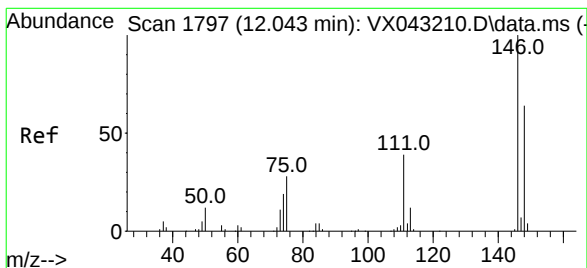
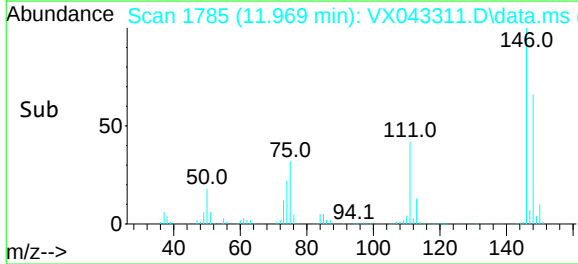
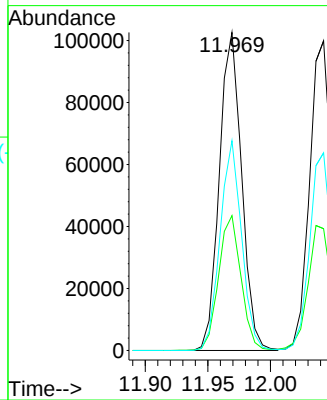
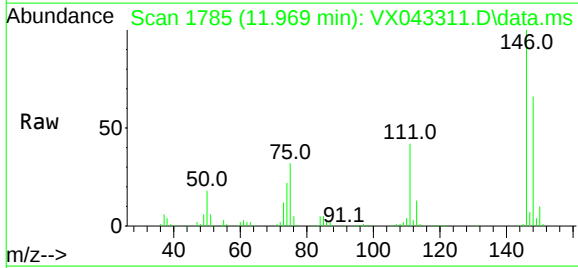
Tgt Ion:	146	Resp:	127287
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.8	65.3
148	63.7	32.4	97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#88

1,4-Dichlorobenzene

Concen: 46.567 ug/l

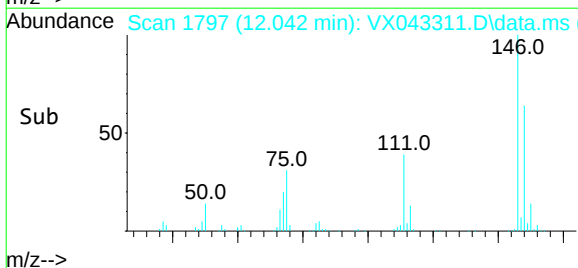
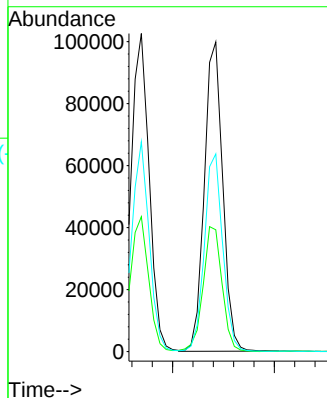
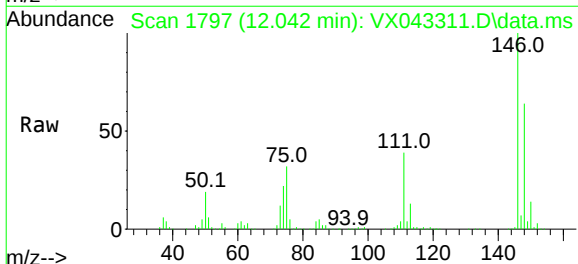
RT: 12.042 min Scan# 1797

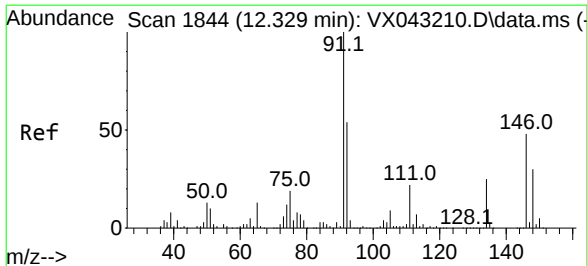
Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Tgt Ion:	146	Resp:	125203
Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.8	62.5
148	63.9	32.4	97.0





#89

n-Butylbenzene

Concen: 51.684 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

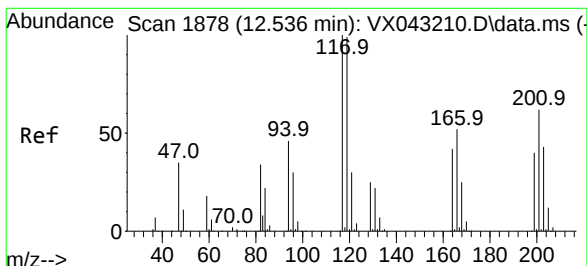
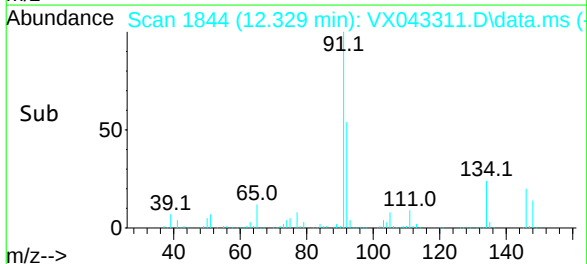
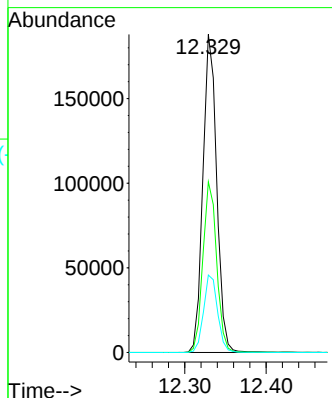
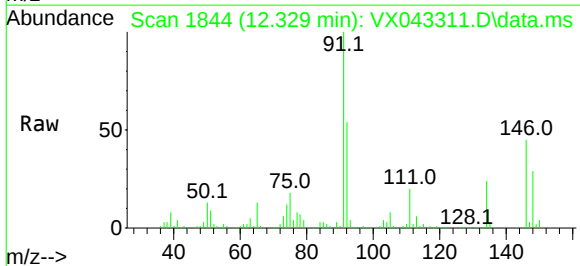
Tgt Ion:	91	Resp:	221252
Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.0	81.0
134	24.8	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#90

Hexachloroethane

Concen: 49.856 ug/l

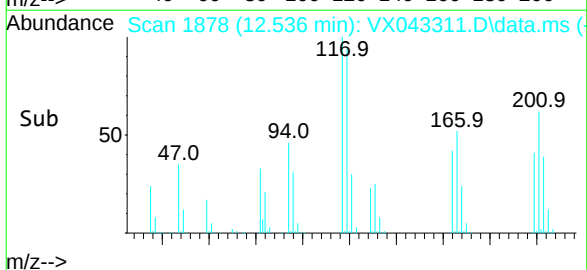
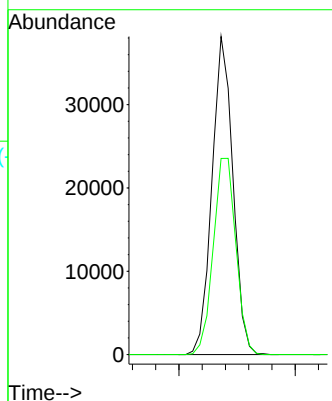
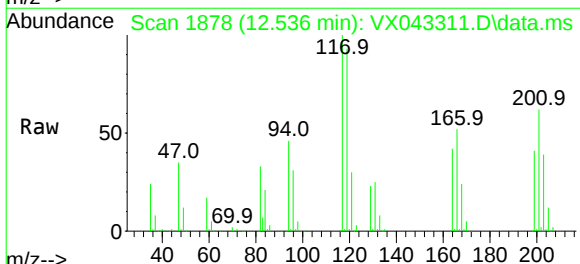
RT: 12.536 min Scan# 1878

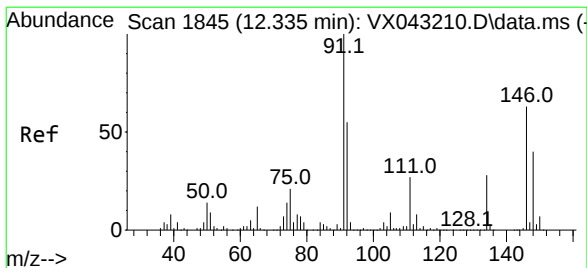
Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Tgt Ion:	117	Resp:	47810
Ion	Ratio	Lower	Upper
117	100		
201	66.8	34.0	101.8





#91

1,2-Dichlorobenzene

Concen: 47.028 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX043311.D

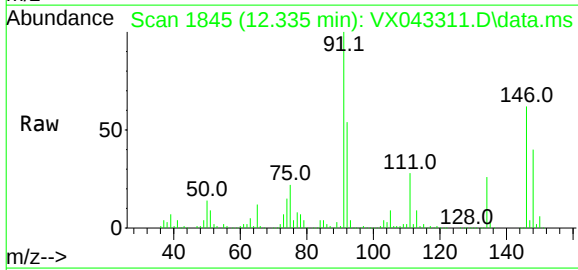
Acq: 08 Oct 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 146 Resp: 125424

Ion Ratio Lower Upper

146 100

111 43.8 21.9 65.5

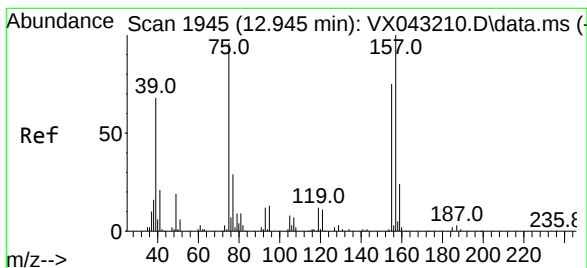
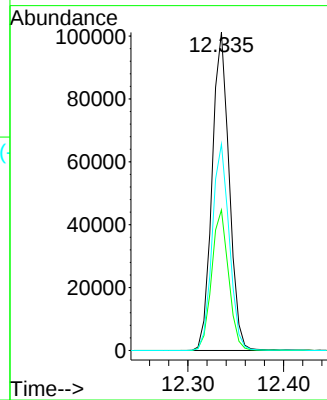
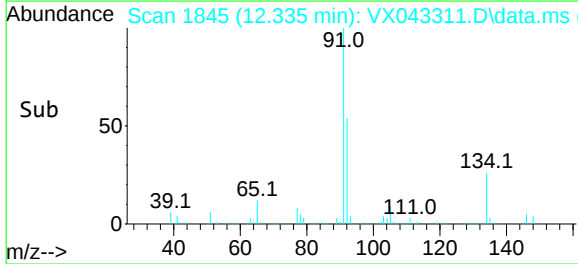
148 64.7 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.210 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

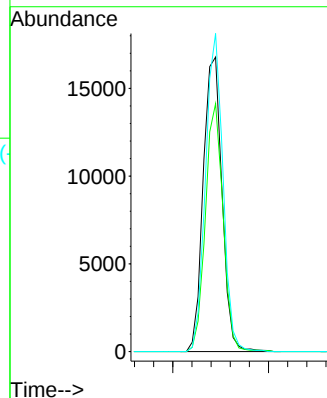
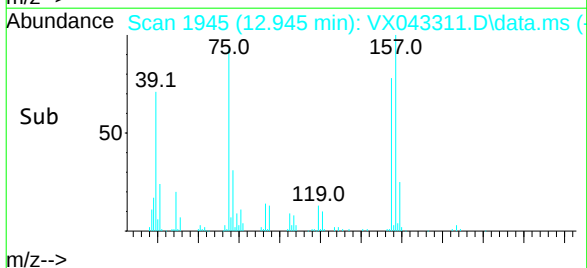
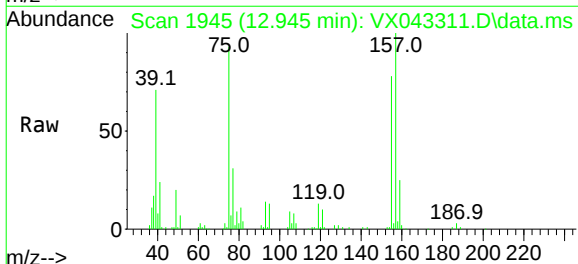
Tgt Ion: 75 Resp: 22843

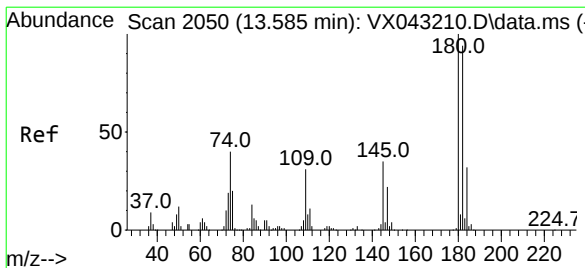
Ion Ratio Lower Upper

75 100

155 79.3 38.8 116.4

157 100.6 49.0 147.0





#93

1,2,4-Trichlorobenzene

Concen: 50.638 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 77858

Ion Ratio Lower Upper

180 100

182 94.5 47.1 141.3

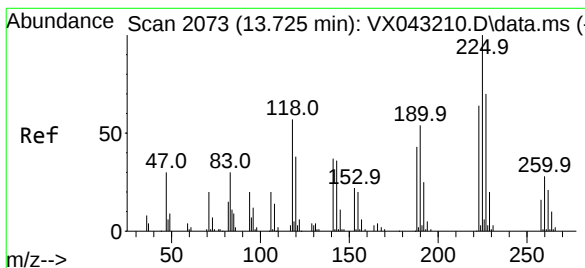
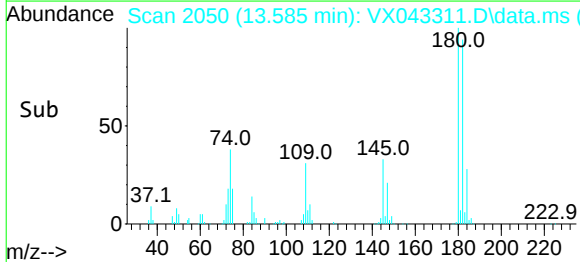
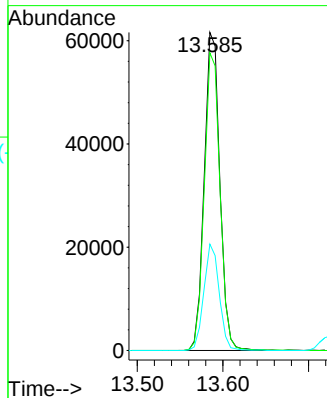
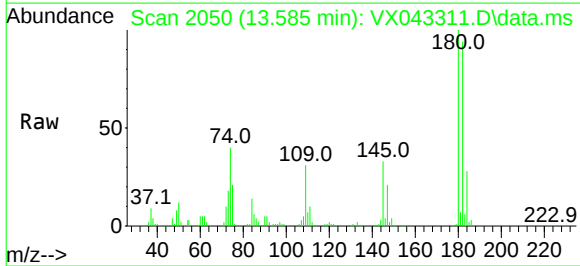
145 33.1 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#94

Hexachlorobutadiene

Concen: 50.952 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX043311.D

Acq: 08 Oct 2024 09:13

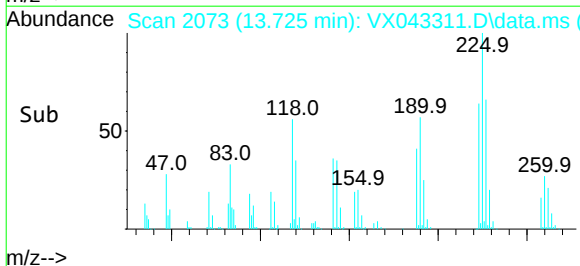
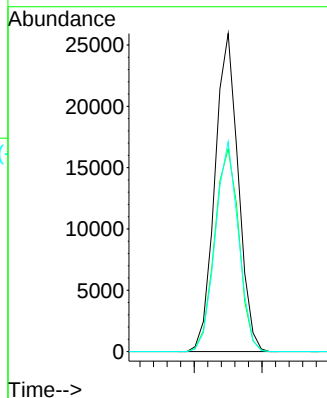
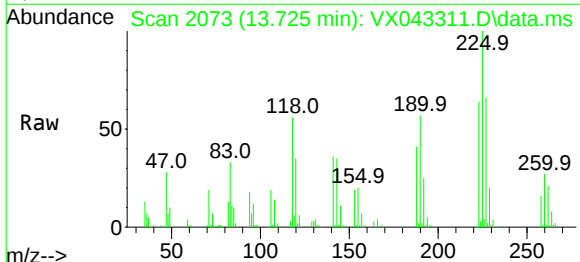
Tgt Ion:225 Resp: 31056

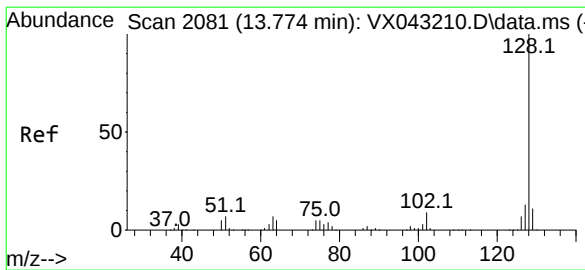
Ion Ratio Lower Upper

225 100

223 66.3 30.8 92.4

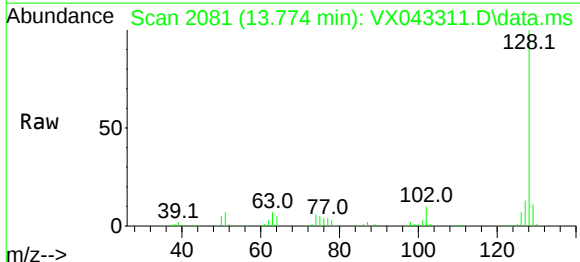
227 65.4 32.2 96.6





#95
Naphthalene
Concen: 48.038 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

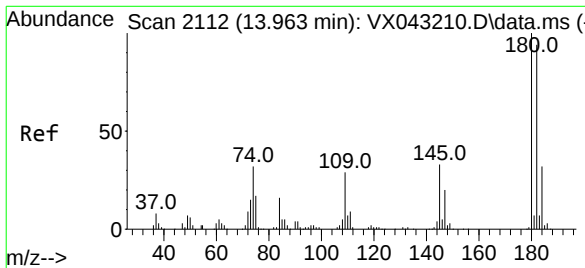
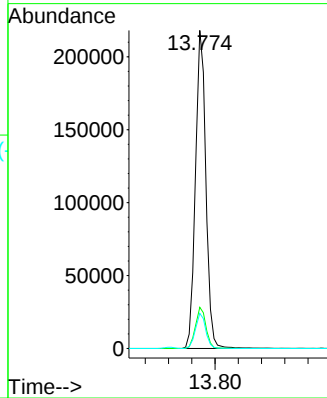
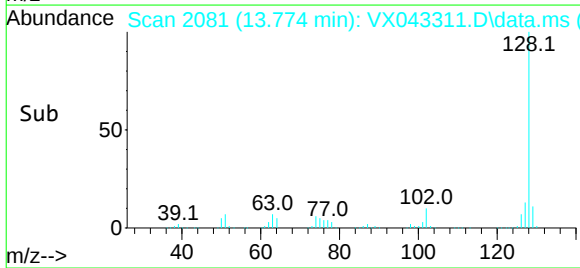
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 271522
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.293 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX043311.D
Acq: 08 Oct 2024 09:13

Tgt Ion:180 Resp: 78197
Ion Ratio Lower Upper
180 100
182 95.2 46.5 139.3
145 35.4 17.2 51.6

