

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
 Data File : VX044174.D
 Acq On : 09 Dec 2024 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 10 01:35:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/10/2024
 Supervised By : Mahesh Dadoda 12/10/2024

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	128814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	227273	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	196952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97559	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	112526	50.931	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.860%
35) Dibromofluoromethane	5.379	113	83604	51.481	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.960%
50) Toluene-d8	8.647	98	273781	48.907	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.820%
62) 4-Bromofluorobenzene	11.079	95	102733	53.924	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.840%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	78580	48.153	ug/l	97
3) Chloromethane	1.294	50	83460	48.602	ug/l	96
4) Vinyl Chloride	1.374	62	93235	51.045	ug/l	99
5) Bromomethane	1.593	94	63602	56.604	ug/l	92
6) Chloroethane	1.666	64	64433	57.893	ug/l	99
7) Trichlorofluoromethane	1.867	101	209538	64.166	ug/l	96
8) Diethyl Ether	2.130	74	64292	54.017	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	86497	55.529	ug/l	98
10) Methyl Iodide	2.441	142	107473	55.244	ug/l	97
11) Tert butyl alcohol	2.995	59	88996	250.958	ug/l	97
12) 1,1-Dichloroethene	2.306	96	79228	53.377	ug/l	95
13) Acrolein	2.233	56	68156	182.338	ug/l	97
14) Allyl chloride	2.654	41	135908	56.036	ug/l	96
15) Acrylonitrile	3.062	53	235606	272.630	ug/l	100
16) Acetone	2.386	43	292184	287.937	ug/l	99
17) Carbon Disulfide	2.502	76	157658	51.493	ug/l	99
18) Methyl Acetate	2.703	43	127089	53.780	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	313920	58.247	ug/l	99
20) Methylene Chloride	2.782	84	90343	52.463	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	82587	53.892	ug/l	95
22) Diisopropyl ether	3.757	45	296776	57.225	ug/l	99
23) Vinyl Acetate	3.715	43	1293362	291.530	ug/l	99
24) 1,1-Dichloroethane	3.599	63	167492	55.983	ug/l	99
25) 2-Butanone	4.556	43	372003	284.114	ug/l	99
26) 2,2-Dichloropropane	4.465	77	154976	57.356	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	103955	54.879	ug/l	98
28) Bromochloromethane	4.891	49	61976	47.061	ug/l	97
29) Tetrahydrofuran	5.001	42	213725	266.254	ug/l	99
30) Chloroform	5.080	83	180181	55.994	ug/l	97
31) Cyclohexane	5.458	56	130877	53.150	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	165489	59.637	ug/l	99
36) 1,1-Dichloropropene	5.684	75	113848	56.258	ug/l	98
37) Ethyl Acetate	4.708	43	141102	56.170	ug/l	97
38) Carbon Tetrachloride	5.666	117	134573	59.182	ug/l	99
39) Methylcyclohexane	7.373	83	147558	56.127	ug/l	96
40) Benzene	6.025	78	344158	54.597	ug/l	99

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Quant Time: Dec 10 01:35:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	71068	55.276	ug/l	93
42) 1,2-Dichloroethane	6.074	62	144654	57.138	ug/l	100
43) Isopropyl Acetate	6.336	43	229745	57.468	ug/l	99
44) Trichloroethene	7.117	130	86553	48.503	ug/l	91
45) 1,2-Dichloropropane	7.421	63	88451	57.290	ug/l	96
46) Dibromomethane	7.574	93	70569	57.782	ug/l	99
47) Bromodichloromethane	7.818	83	136522	62.329	ug/l	100
48) Methyl methacrylate	7.690	41	108338	56.476	ug/l	99
49) 1,4-Dioxane	7.659	88	25573	748.393	ug/l #	74
51) 4-Methyl-2-Pentanone	8.574	43	711641	291.699	ug/l	99
52) Toluene	8.714	92	215112	57.015	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	135167	60.514	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	146180	59.699	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	88864	57.058	ug/l	98
56) Ethyl methacrylate	9.116	69	146127	60.237	ug/l	98
57) 1,3-Dichloropropane	9.305	76	153530	58.519	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	362299	272.768	ug/l	100
59) 2-Hexanone	9.427	43	543380	296.330	ug/l	99
60) Dibromochloromethane	9.519	129	98737	63.187	ug/l	97
61) 1,2-Dibromoethane	9.604	107	92681	58.852	ug/l	99
64) Tetrachloroethene	9.269	164	73287	56.432	ug/l	97
65) Chlorobenzene	10.073	112	237896	54.997	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	85186	60.723	ug/l	98
67) Ethyl Benzene	10.189	91	427705	58.352	ug/l	98
68) m/p-Xylenes	10.299	106	315039	115.254	ug/l	97
69) o-Xylene	10.640	106	158561	59.412	ug/l	98
70) Styrene	10.652	104	264223	59.859	ug/l	98
71) Bromoform	10.799	173	61264	56.868	ug/l #	97
73) Isopropylbenzene	10.957	105	413444	55.131	ug/l	100
74) N-amyl acetate	10.841	43	196483	56.557	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	136043	52.980	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	117911m	55.113	ug/l	
77) Bromobenzene	11.195	156	97626	54.572	ug/l	98
78) n-propylbenzene	11.299	91	481969	57.544	ug/l	98
79) 2-Chlorotoluene	11.360	91	288045	54.387	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	345791	56.047	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	42472	54.171	ug/l	95
82) 4-Chlorotoluene	11.451	91	333051	55.701	ug/l	100
83) tert-Butylbenzene	11.713	119	353753	57.848	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	351113	57.161	ug/l	99
85) sec-Butylbenzene	11.890	105	431266	57.559	ug/l	100
86) p-Isopropyltoluene	12.006	119	364608	59.908	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	178533	54.794	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	179485	54.031	ug/l	97
89) n-Butylbenzene	12.329	91	328165	61.157	ug/l	99
90) Hexachloroethane	12.536	117	60642	58.597	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	180867	55.006	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	30602	59.476	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	108534	55.987	ug/l	100
94) Hexachlorobutadiene	13.719	225	43419	56.671	ug/l	98
95) Naphthalene	13.774	128	405265	58.075	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	110149	56.138	ug/l	96

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VSTDCCC050

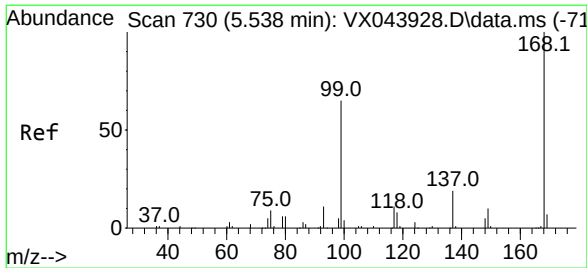
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/10/2024

Quant Time: Dec 10 01:35:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

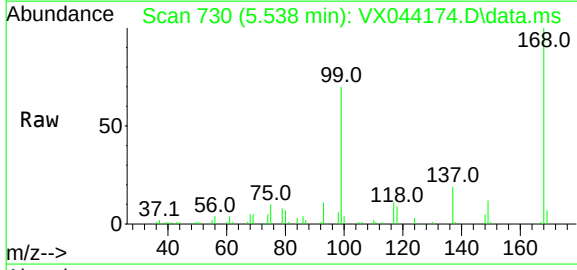
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.000 min
Lab File: VX044174.D
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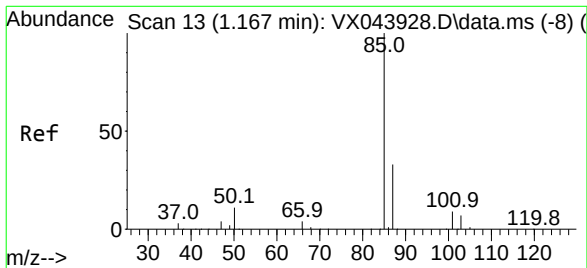
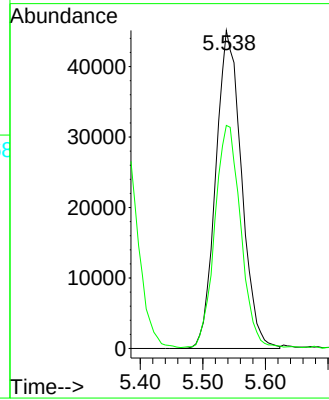
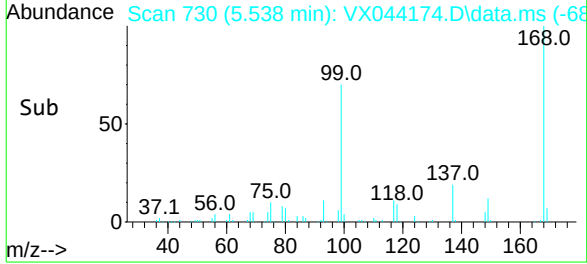
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 128814
Ion Ratio Lower Upper
168 100
99 69.8 51.8 77.8

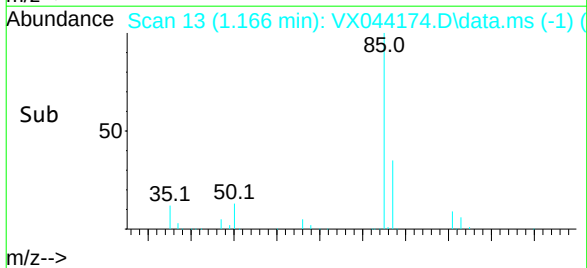
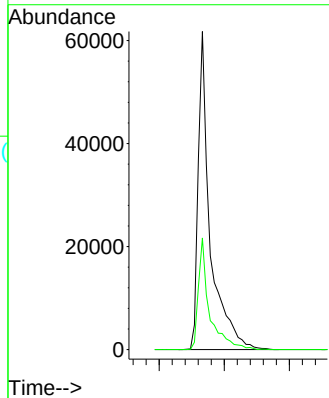
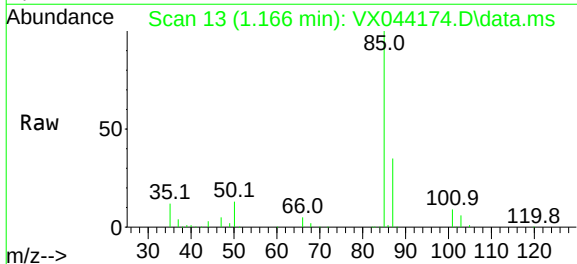
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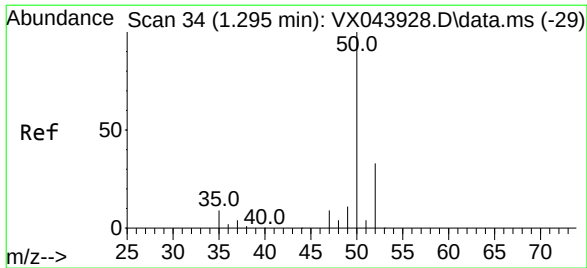
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#2
Dichlorodifluoromethane
Concen: 48.153 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion: 85 Resp: 78580
Ion Ratio Lower Upper
85 100
87 35.1 16.6 49.8





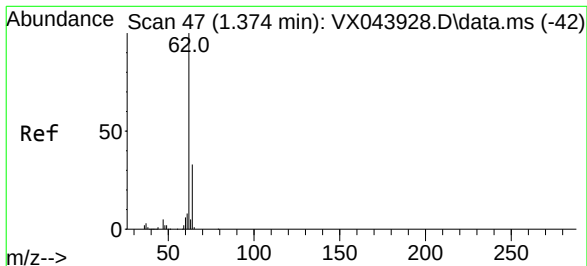
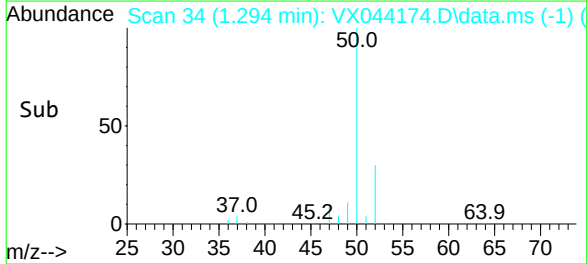
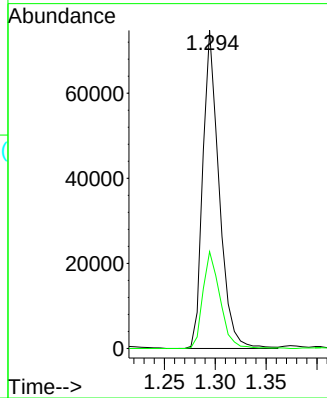
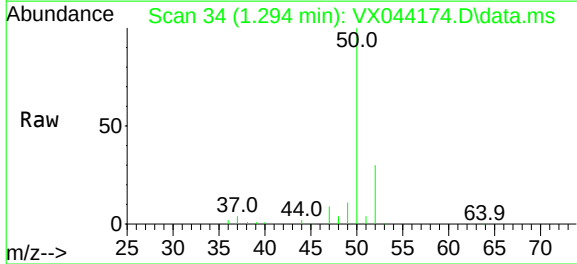
#3
Chloromethane
Concen: 48.602 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 83460
Ion Ratio Lower Upper
50 100
52 30.4 26.1 39.1

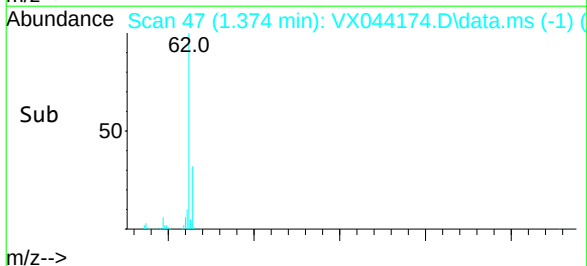
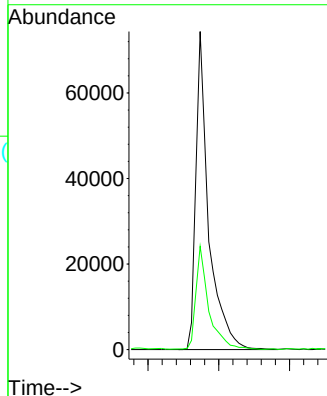
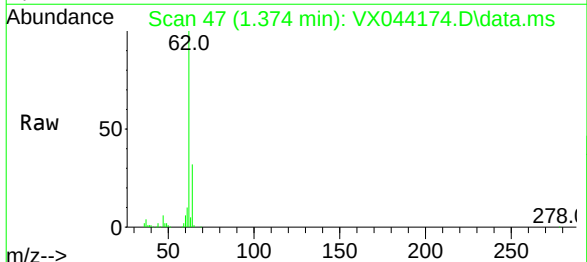
Manual Integrations
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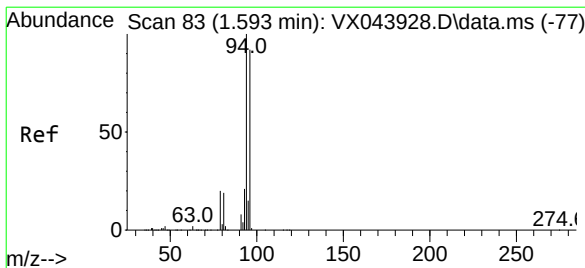
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#4
Vinyl Chloride
Concen: 51.045 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion: 62 Resp: 93235
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.4





#5

Bromomethane

Concen: 56.604 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 63602

Ion Ratio Lower Upper

94 100

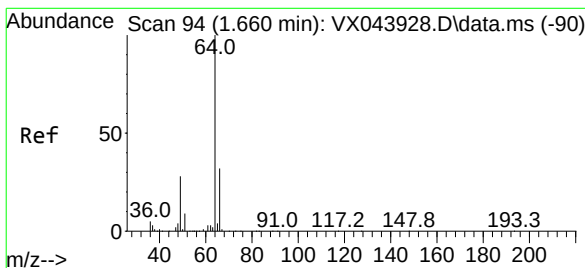
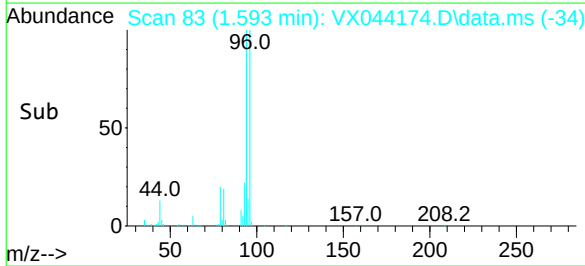
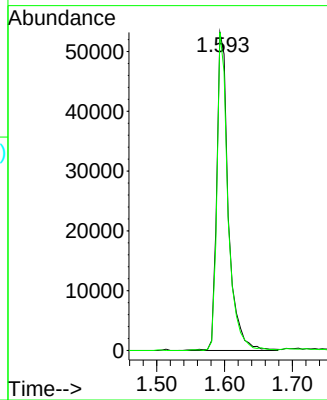
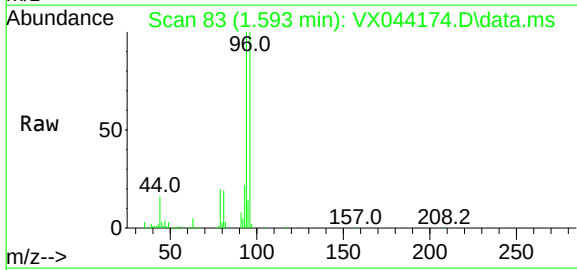
96 100.0 73.9 110.9

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 12/10/2024



#6

Chloroethane

Concen: 57.893 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.006 min

Lab File: VX044174.D

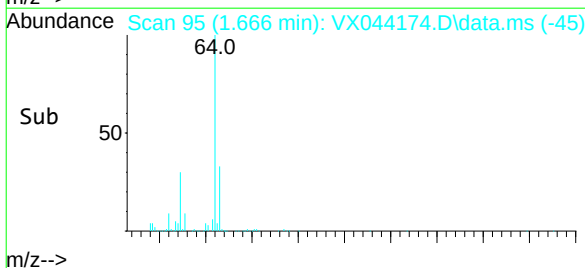
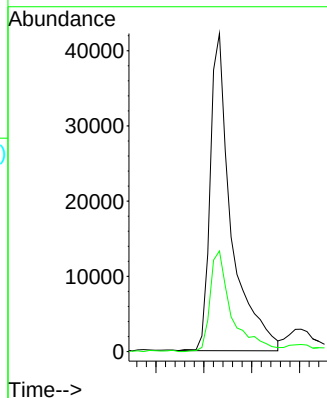
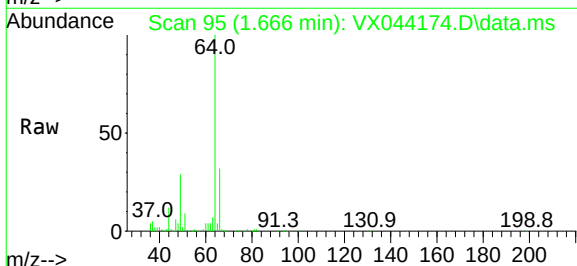
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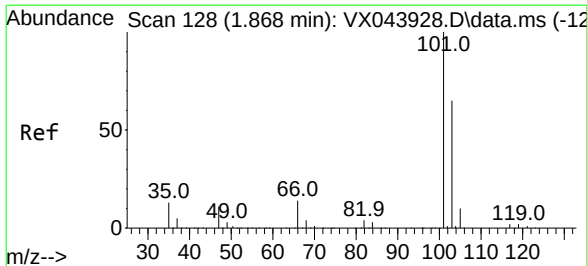
Tgt Ion: 64 Resp: 64433

Ion Ratio Lower Upper

64 100

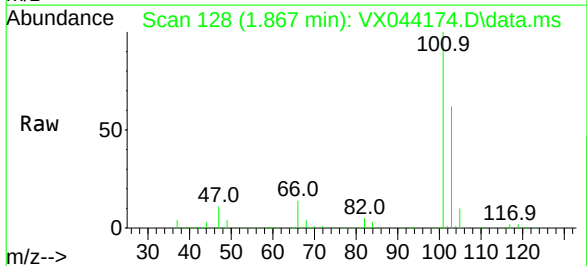
66 31.7 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 64.166 ug/l
 RT: 1.867 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX044174.D
 Acq: 09 Dec 2024 09:42

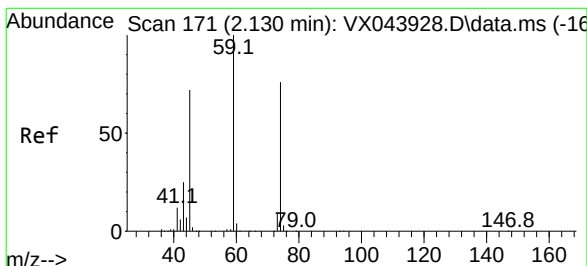
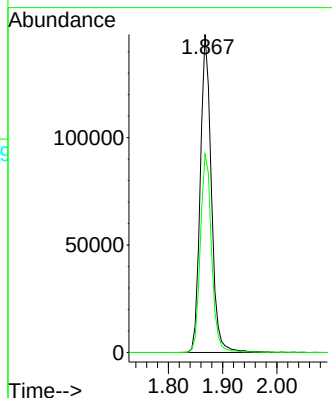
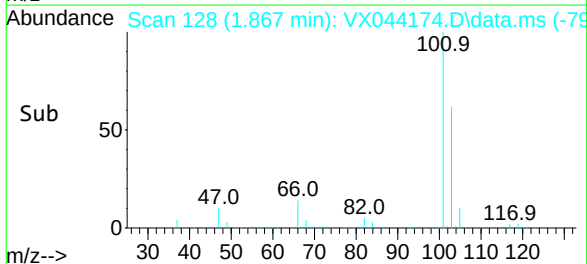
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 209538
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.2 78.2

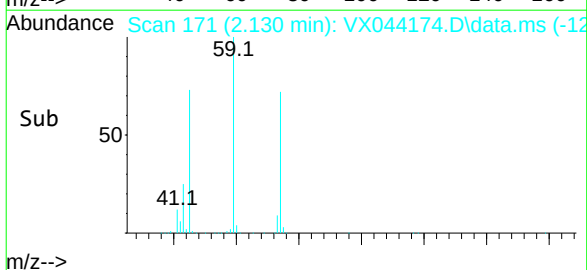
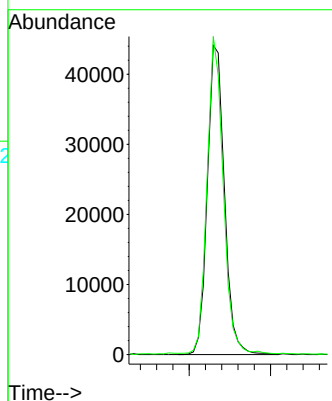
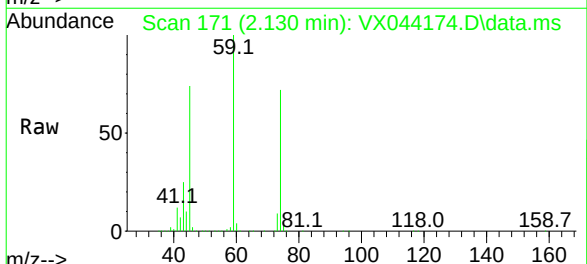
Manual Integrations
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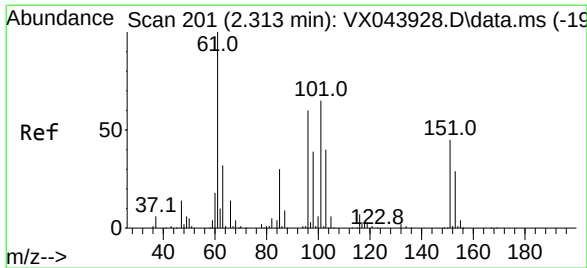
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#8
 Diethyl Ether
 Concen: 54.017 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX044174.D
 Acq: 09 Dec 2024 09:42

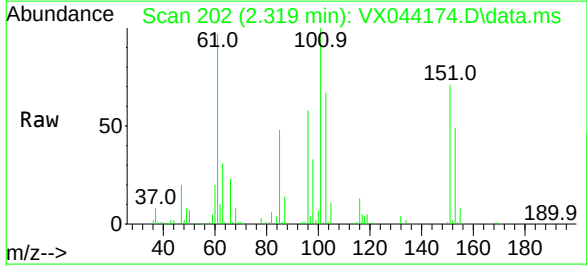
Tgt Ion: 74 Resp: 64292
 Ion Ratio Lower Upper
 74 100
 45 97.0 47.9 143.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.529 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

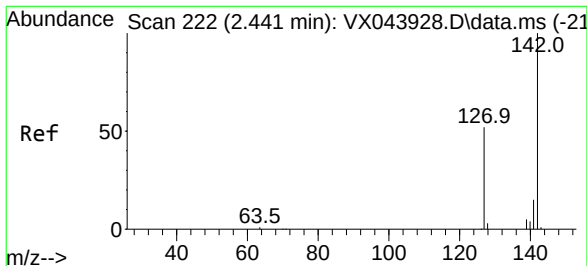
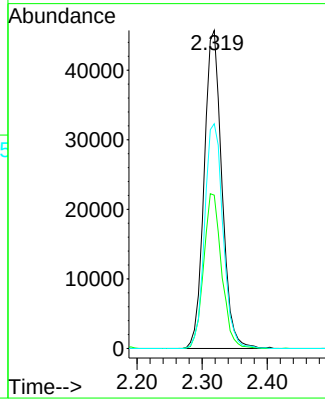
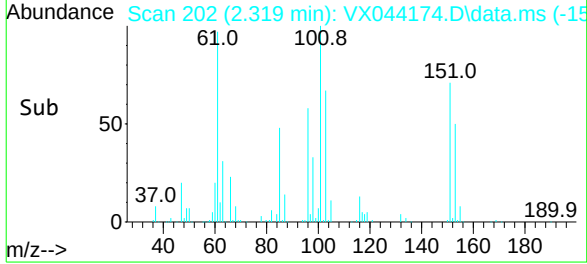
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion:101 Resp: 86497
Ion Ratio Lower Upper
101 100
85 49.2 37.9 56.9
151 73.3 57.5 86.3

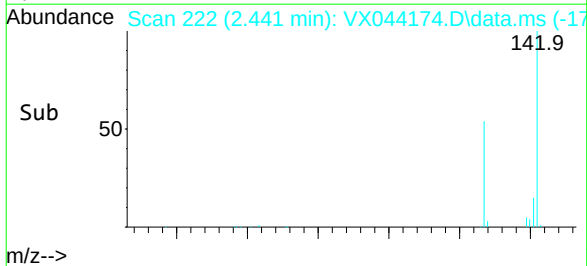
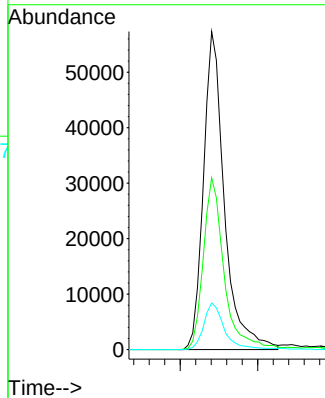
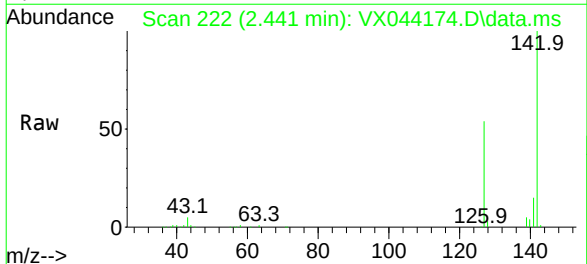
Manual Integrations
APPROVED

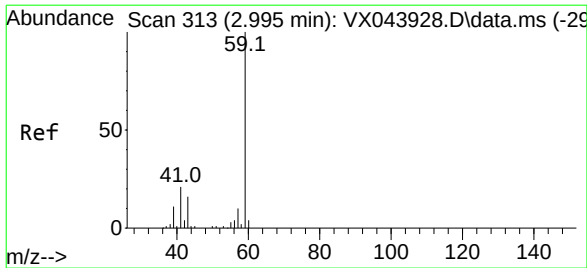
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#10
Methyl Iodide
Concen: 55.244 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion:142 Resp: 107473
Ion Ratio Lower Upper
142 100
127 53.5 40.7 61.1
141 14.8 12.0 18.0





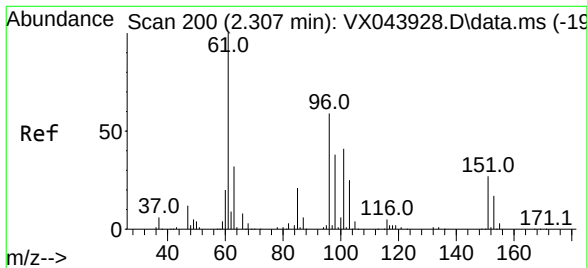
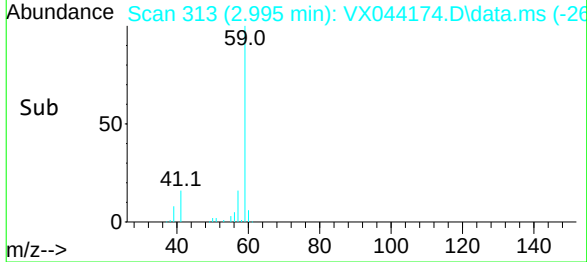
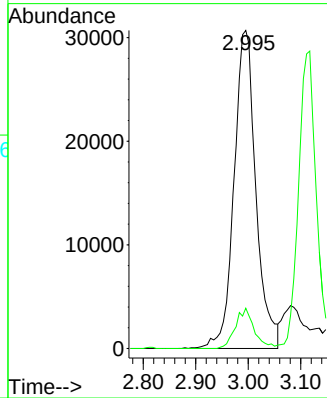
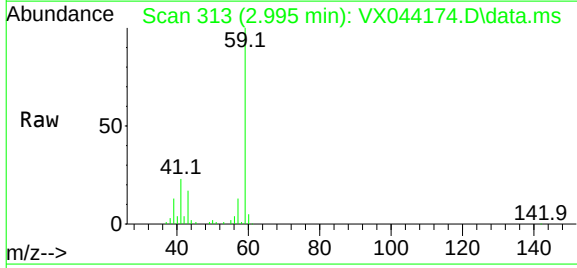
#11
Tert butyl alcohol
Concen: 250.958 ug/l
RT: 2.995 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 88996
Ion Ratio Lower Upper
59 100
57 10.8 7.9 11.9

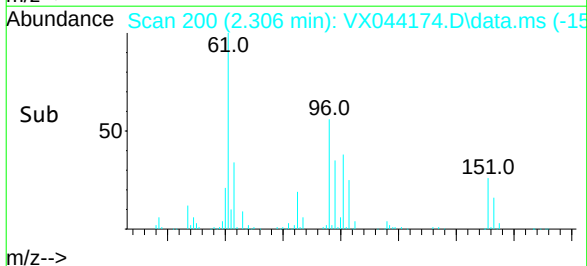
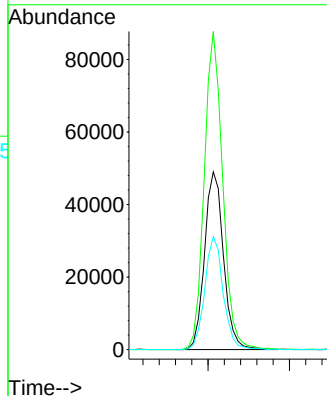
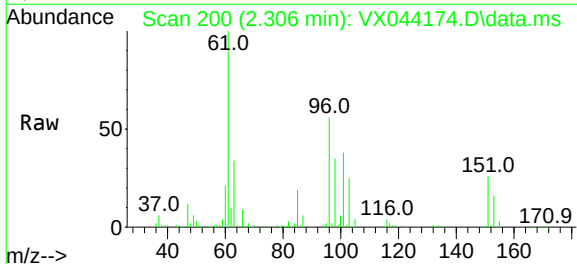
Manual Integrations
APPROVED

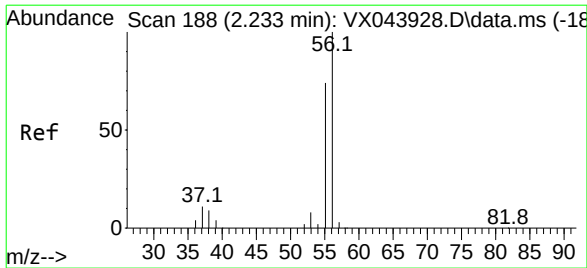
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#12
1,1-Dichloroethene
Concen: 53.377 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion: 96 Resp: 79228
Ion Ratio Lower Upper
96 100
61 178.9 135.5 203.3
98 63.5 50.8 76.2





#13

Acrolein

Concen: 182.338 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 68156

Ion Ratio Lower Upper

56 100

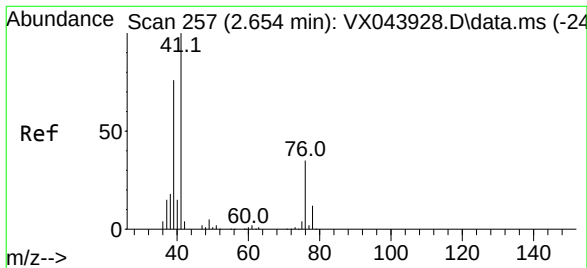
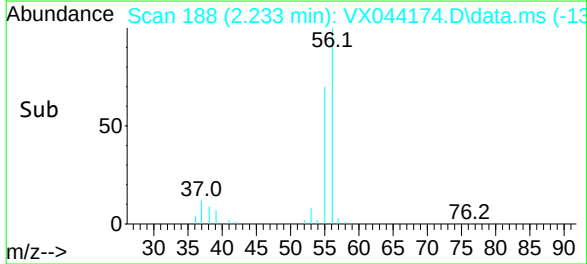
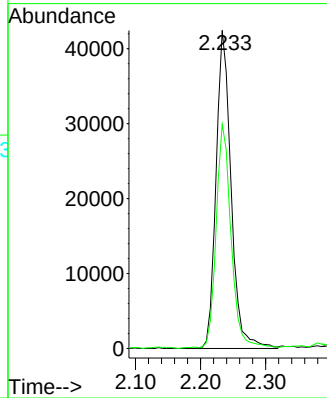
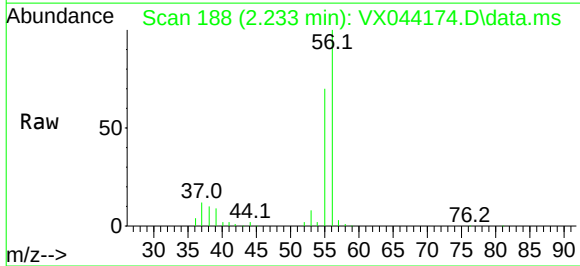
55 70.6 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#14

Allyl chloride

Concen: 56.036 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

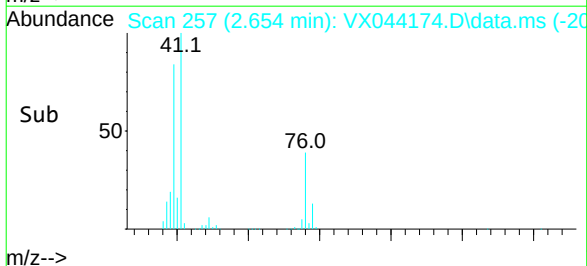
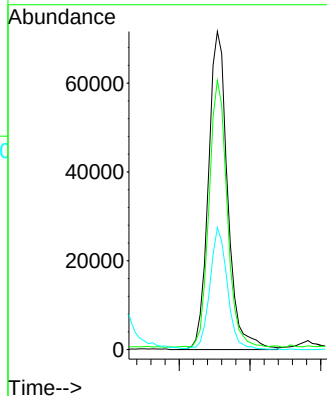
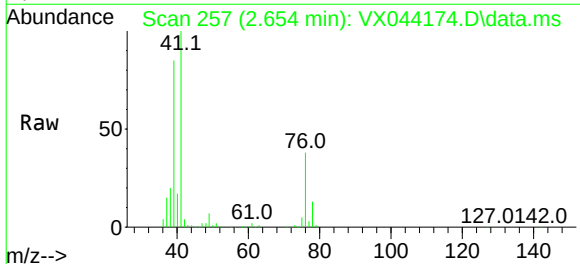
Tgt Ion: 41 Resp: 135908

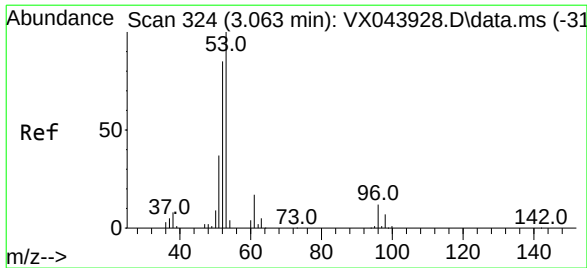
Ion Ratio Lower Upper

41 100

39 78.6 59.5 89.3

76 34.8 27.4 41.2





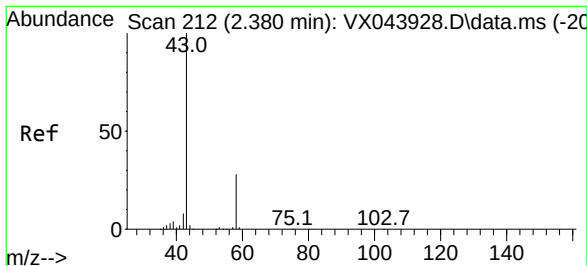
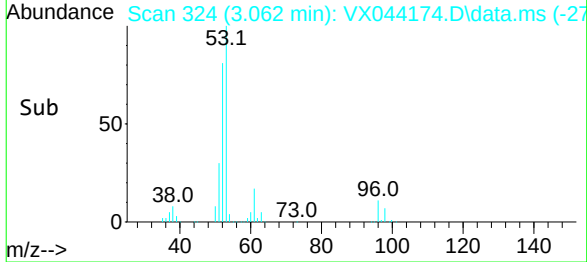
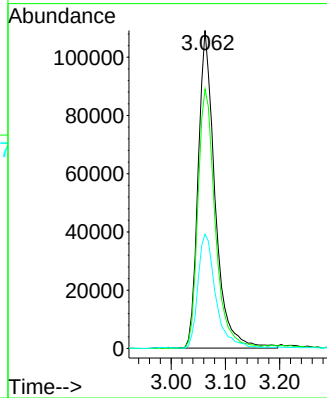
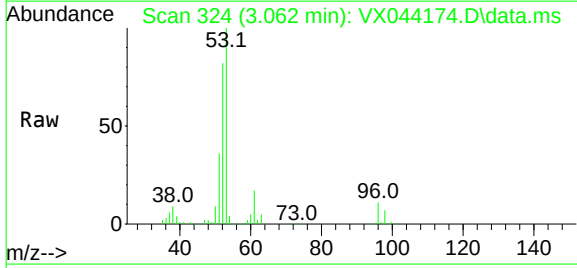
#15
Acrylonitrile
Concen: 272.630 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.5	99.7
51	37.8	30.2	45.4

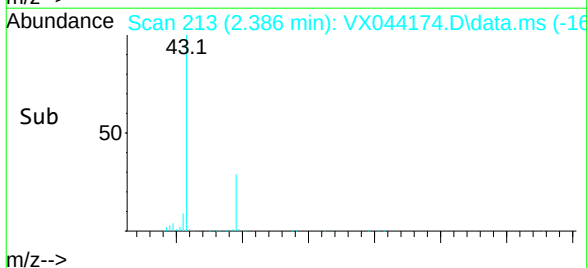
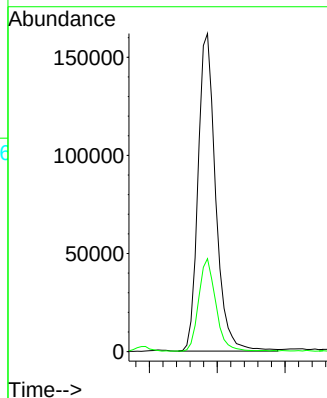
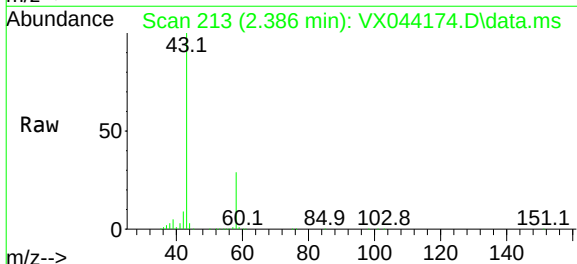
Manual Integrations
APPROVED

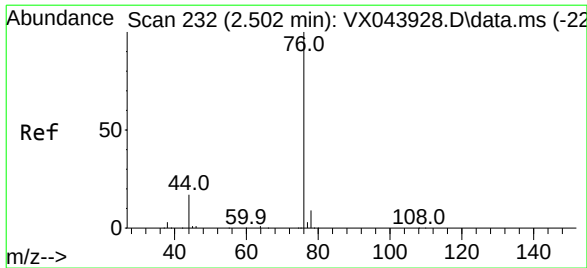
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#16
Acetone
Concen: 287.937 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.1	22.7	34.1





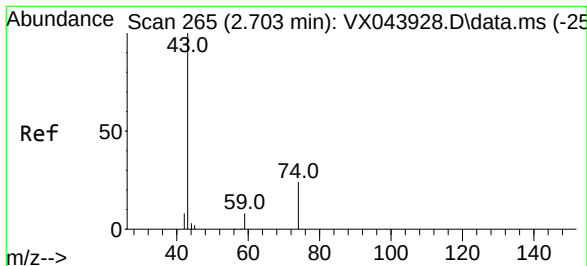
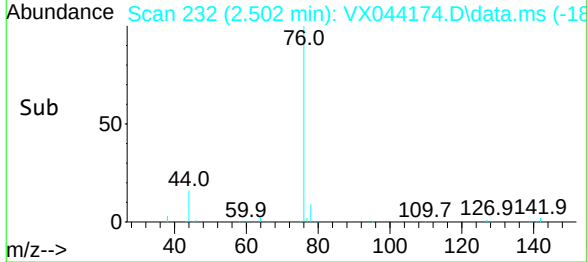
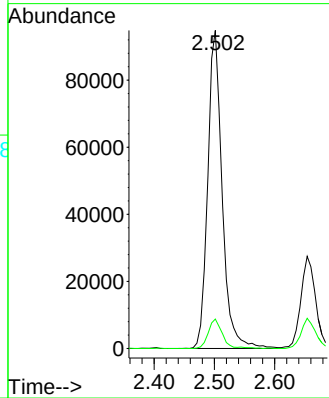
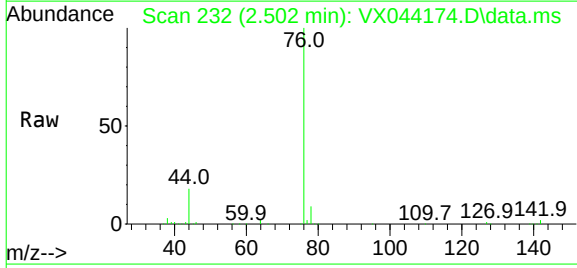
#17
Carbon Disulfide
Concen: 51.493 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 157658
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

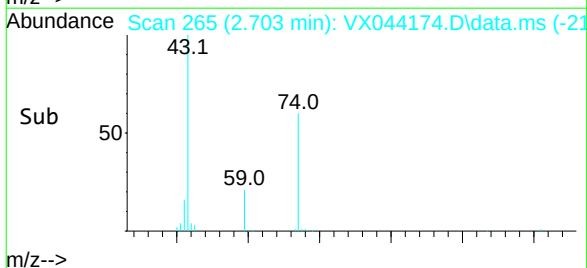
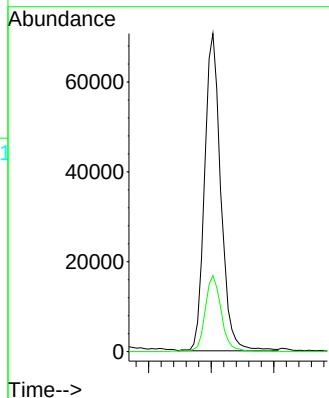
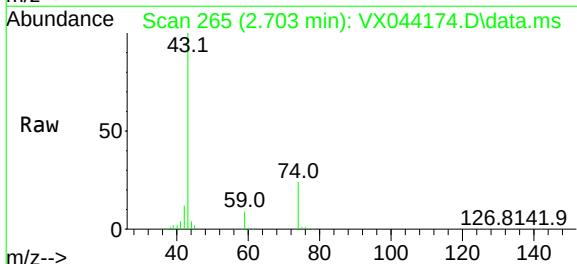
Manual Integrations
APPROVED

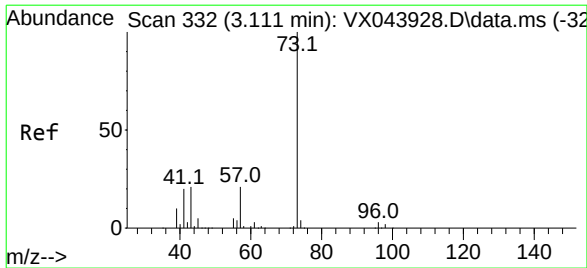
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#18
Methyl Acetate
Concen: 53.780 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion: 43 Resp: 127089
Ion Ratio Lower Upper
43 100
74 23.9 18.9 28.3





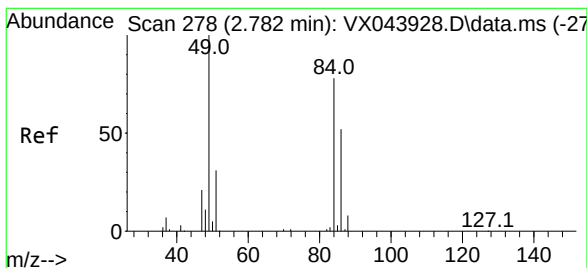
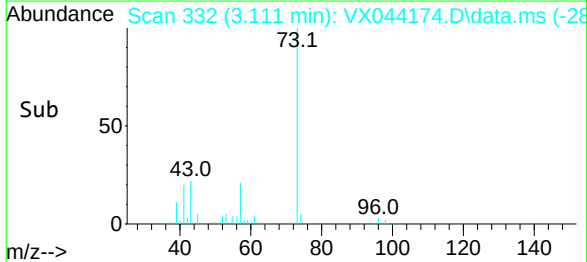
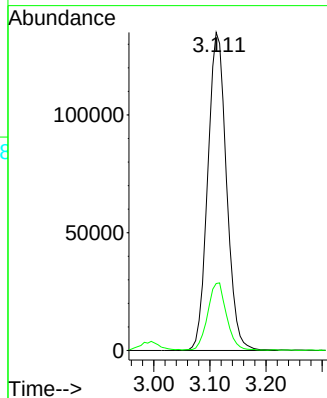
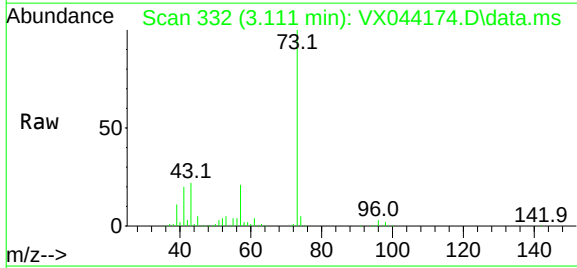
#19
Methyl tert-butyl Ether
Concen: 58.247 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 313920
Ion Ratio Lower Upper
73 100
57 20.9 17.0 25.6

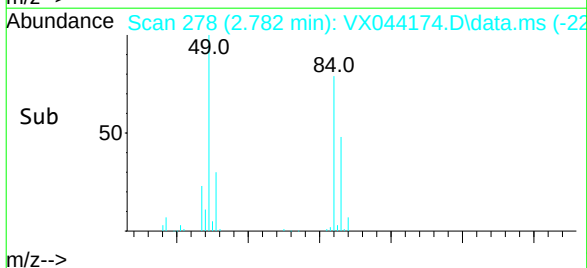
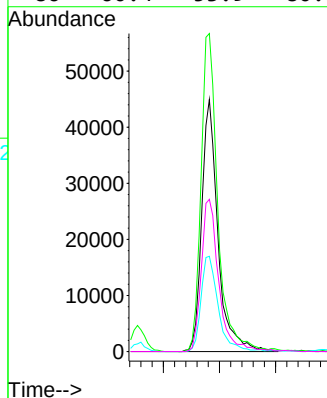
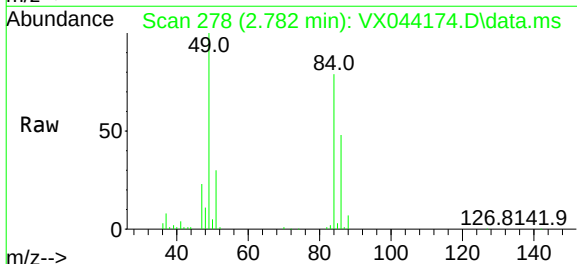
Manual Integrations
APPROVED

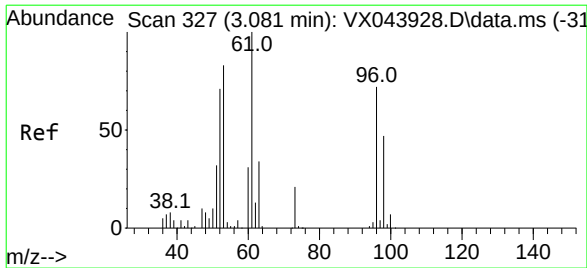
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#20
Methylene Chloride
Concen: 52.463 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

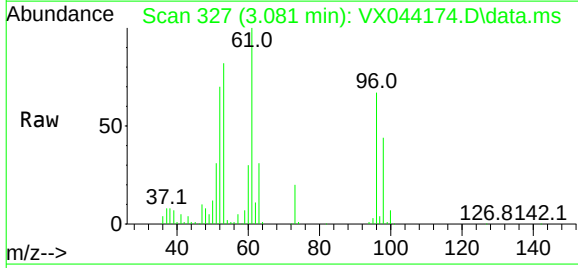
Tgt Ion: 84 Resp: 90343
Ion Ratio Lower Upper
84 100
49 126.2 102.7 154.1
51 37.8 31.7 47.5
86 60.4 53.9 80.9





#21
trans-1,2-Dichloroethene
Concen: 53.892 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

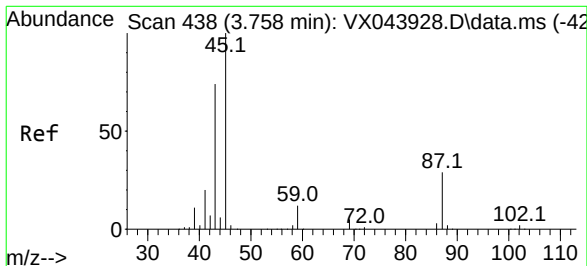
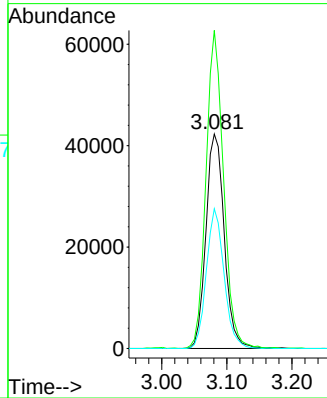
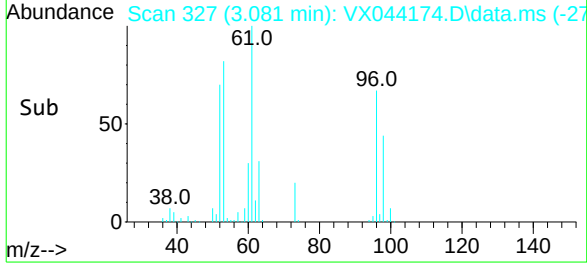
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



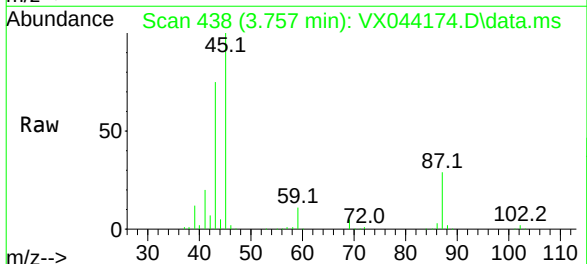
Tgt Ion: 96 Resp: 82587
Ion Ratio Lower Upper
96 100
61 148.3 111.8 167.6
98 65.2 52.7 79.1

Manual Integrations
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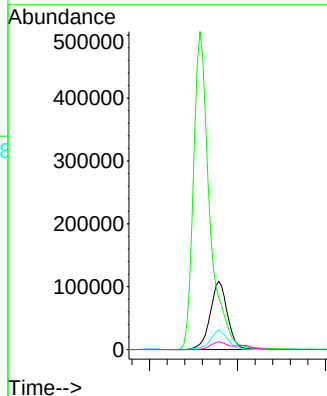
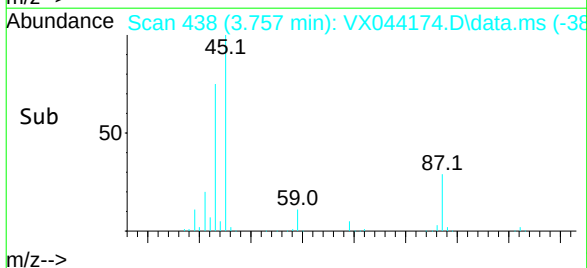
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

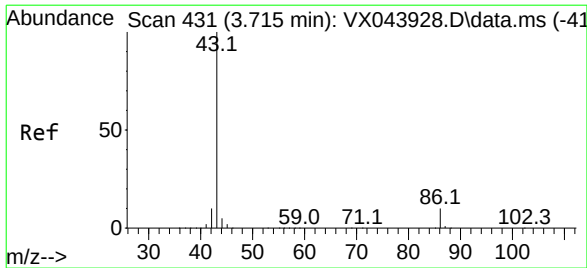


#22
Diisopropyl ether
Concen: 57.225 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42



Tgt Ion: 45 Resp: 296776
Ion Ratio Lower Upper
45 100
43 75.1 59.6 89.4
87 29.1 22.9 34.3
59 11.4 9.8 14.6





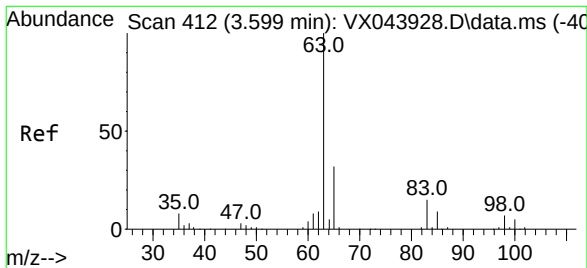
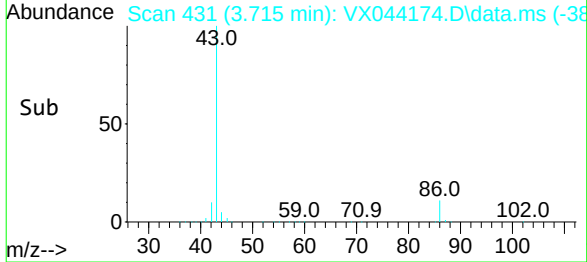
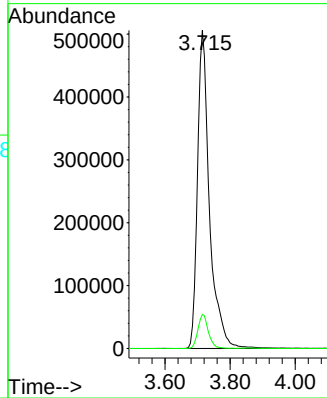
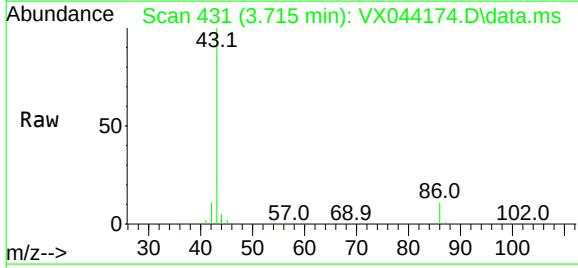
#23
 Vinyl Acetate
 Concen: 291.530 ug/l
 RT: 3.715 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VX044174.D
 Acq: 09 Dec 2024 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1293362
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.3 12.5

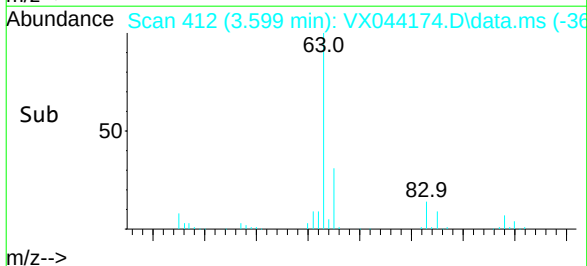
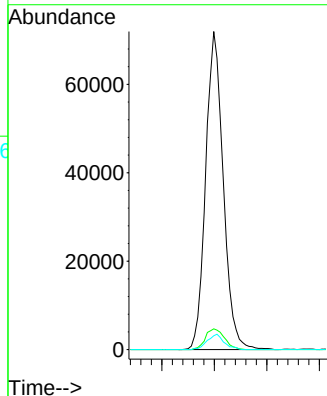
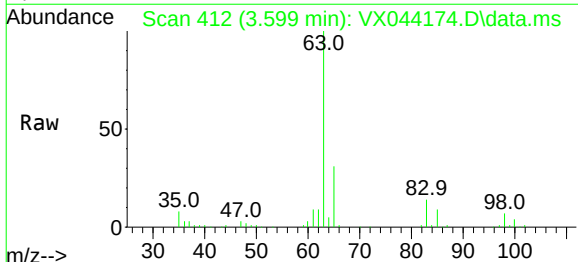
Manual Integrations
 APPROVED

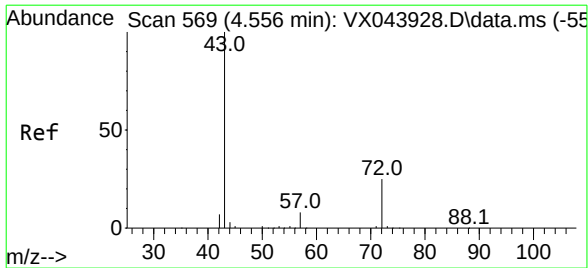
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#24
 1,1-Dichloroethane
 Concen: 55.983 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.000 min
 Lab File: VX044174.D
 Acq: 09 Dec 2024 09:42

Tgt Ion: 63 Resp: 167492
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.6
 100 4.4 2.4 7.1





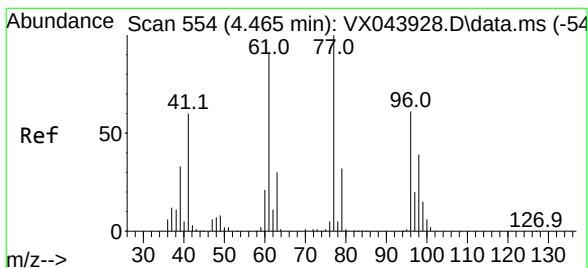
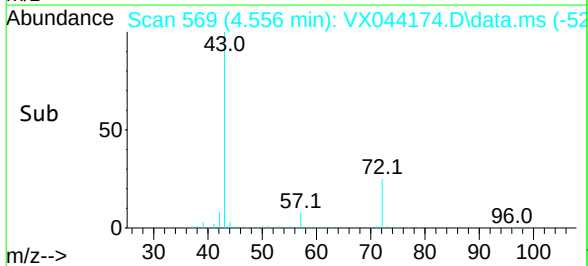
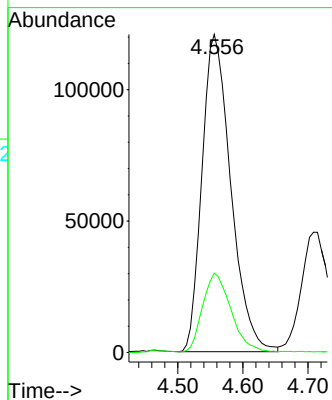
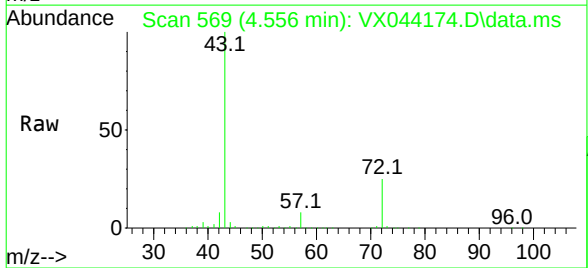
#25
2-Butanone
Concen: 284.114 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 372003
Ion Ratio Lower Upper
43 100
72 24.8 20.2 30.2

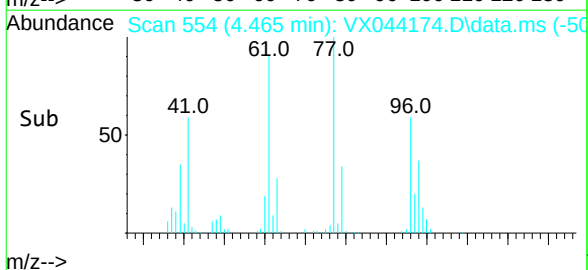
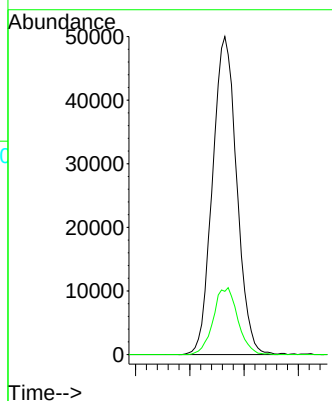
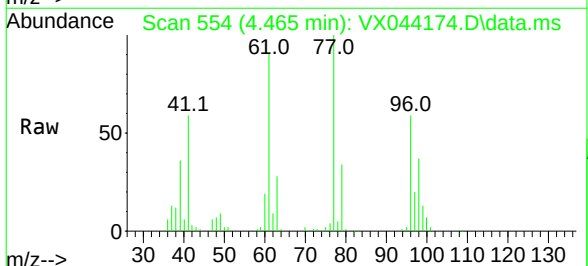
Manual Integrations
APPROVED

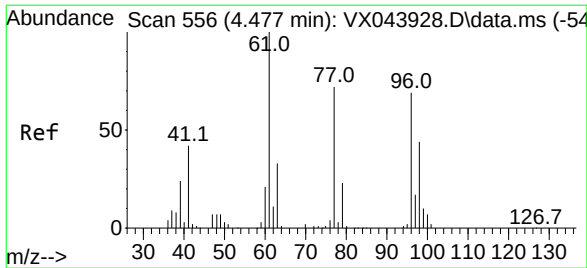
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#26
2,2-Dichloropropane
Concen: 57.356 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion: 77 Resp: 154976
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3





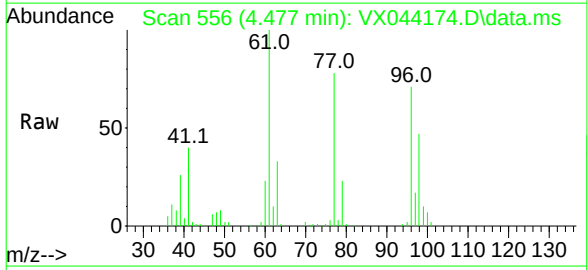
#27
 cis-1,2-Dichloroethene
 Concen: 54.879 ug/l
 RT: 4.477 min Scan# 556
 Delta R.T. -0.000 min
 Lab File: VX044174.D
 Acq: 09 Dec 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



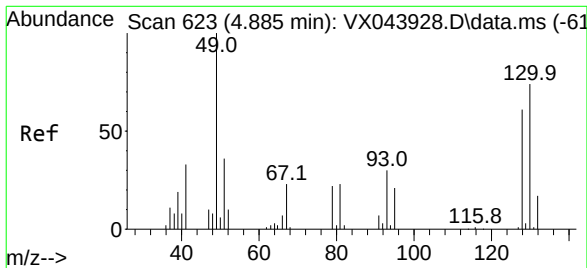
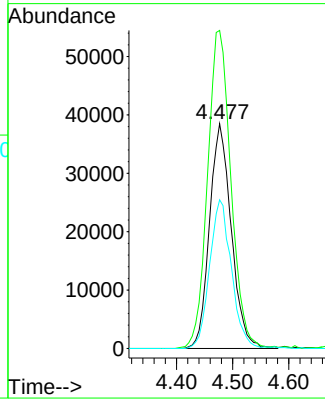
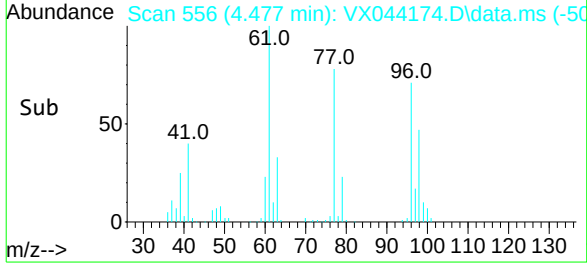
Tgt Ion: 96 Resp: 103955
 Ion Ratio Lower Upper
 96 100
 61 151.5 0.0 297.4
 98 66.0 0.0 127.8

Manual Integrations

APPROVED

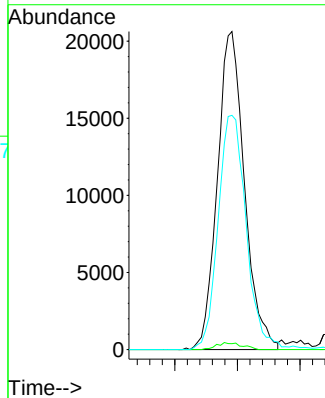
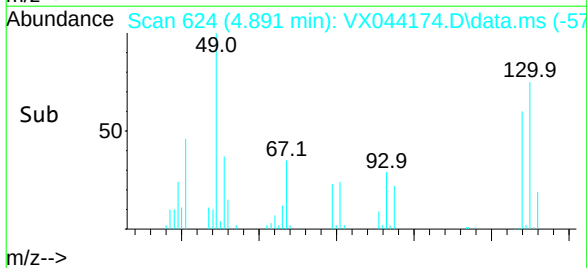
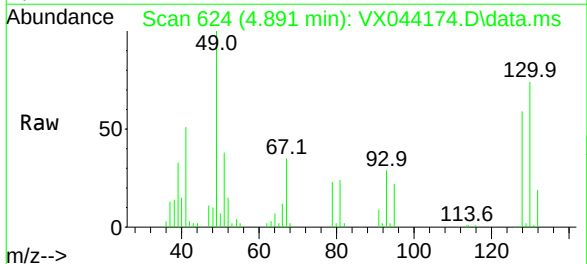
Reviewed By :John Carlone 12/10/2024

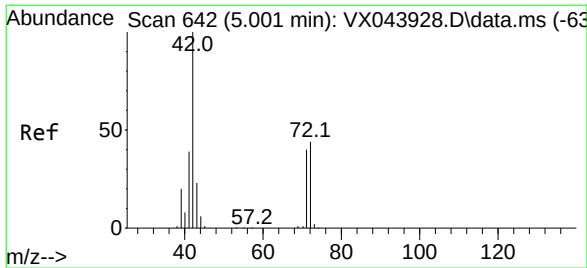
Supervised By :Mahesh Dadoda 12/10/2024



#28
 Bromochloromethane
 Concen: 47.061 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.006 min
 Lab File: VX044174.D
 Acq: 09 Dec 2024 09:42

Tgt Ion: 49 Resp: 61976
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 76.1 59.0 88.6





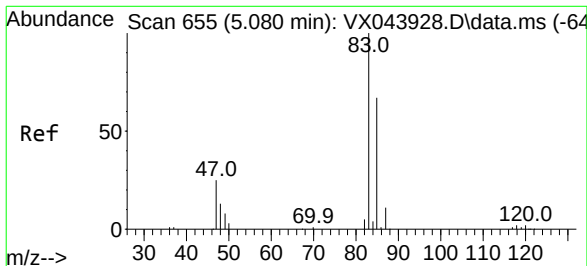
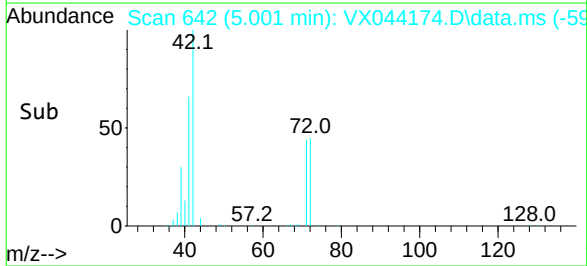
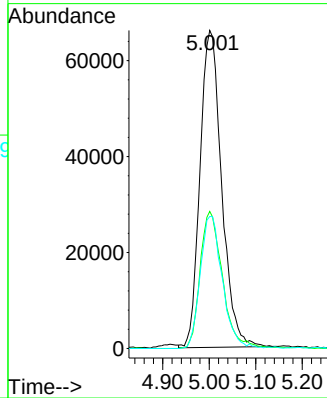
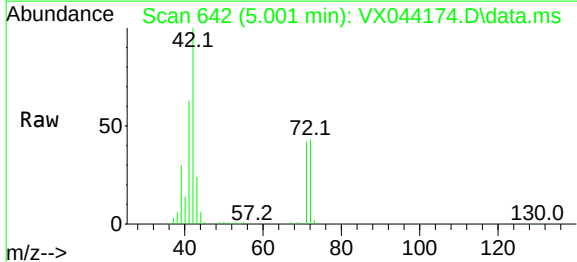
#29
Tetrahydrofuran
Concen: 266.254 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 213725
Ion Ratio Lower Upper
42 100
72 44.7 36.4 54.6
71 42.6 33.4 50.0

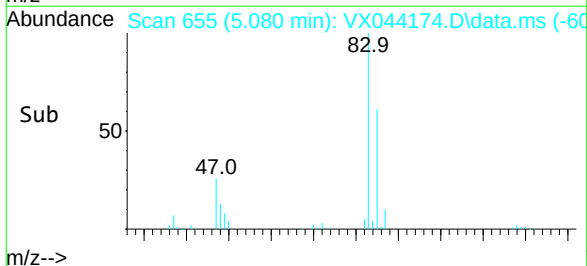
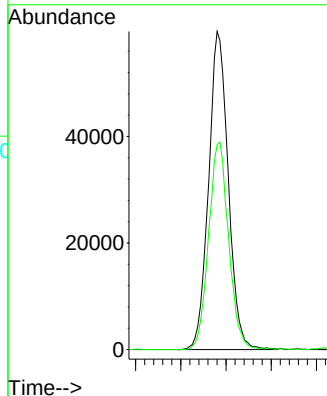
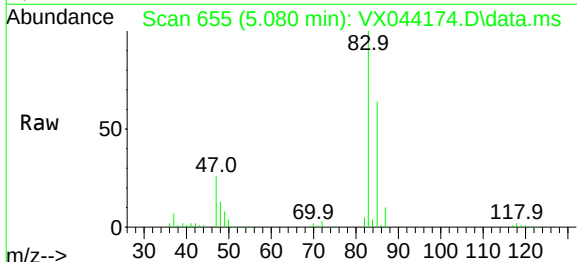
Manual Integrations
APPROVED

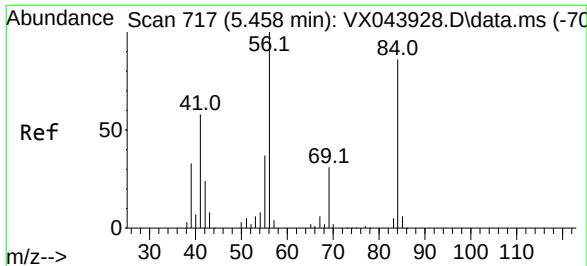
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#30
Chloroform
Concen: 55.994 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion: 83 Resp: 180181
Ion Ratio Lower Upper
83 100
85 64.4 53.5 80.3





#31

Cyclohexane

Concen: 53.150 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 130877

Ion Ratio Lower Upper

56 100

69 30.0 24.7 37.1

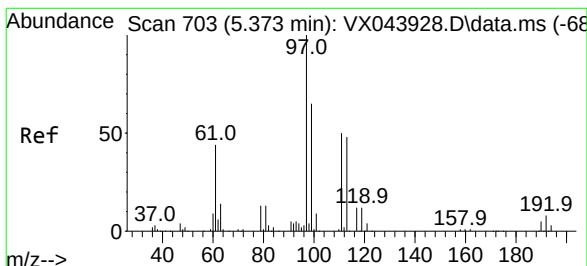
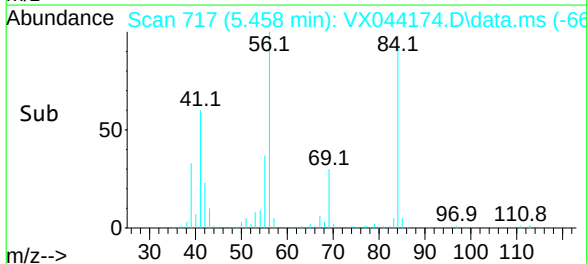
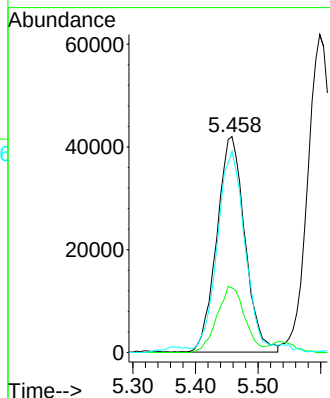
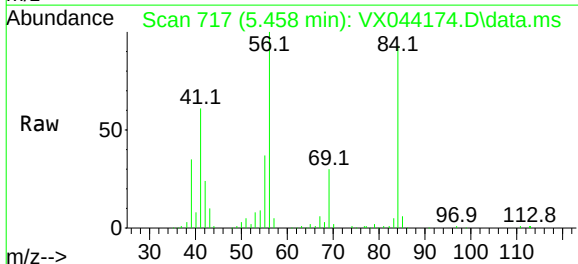
84 90.6 68.7 103.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#32

1,1,1-Trichloroethane

Concen: 59.637 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

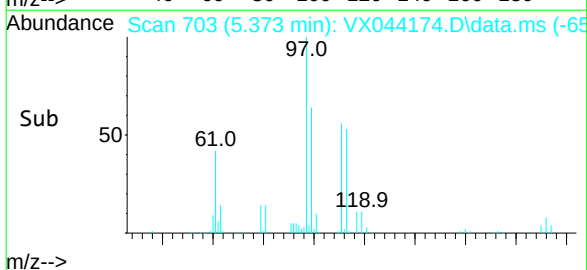
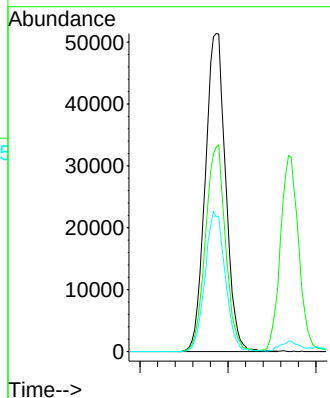
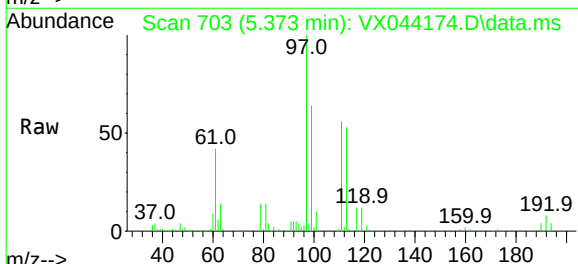
Tgt Ion: 97 Resp: 165489

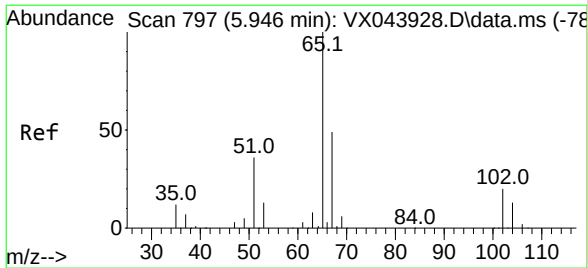
Ion Ratio Lower Upper

97 100

99 63.7 50.8 76.2

61 43.4 35.4 53.2





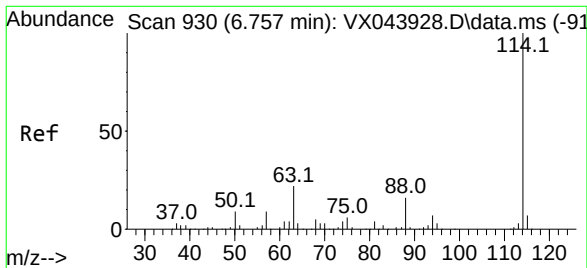
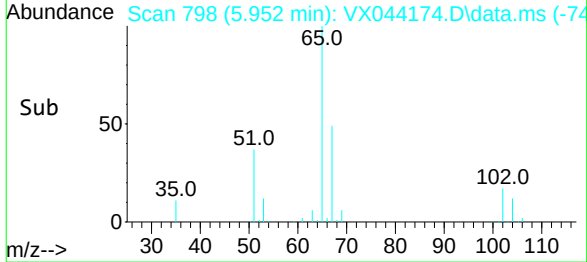
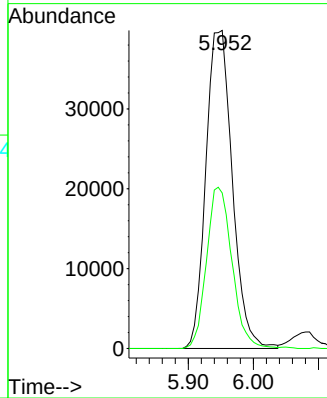
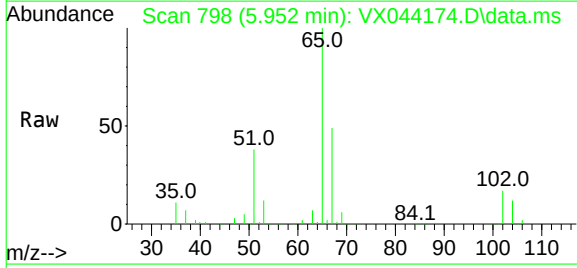
#33
1,2-Dichloroethane-d4
Concen: 50.931 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 112526
Ion Ratio Lower Upper
65 100
67 48.7 0.0 100.8

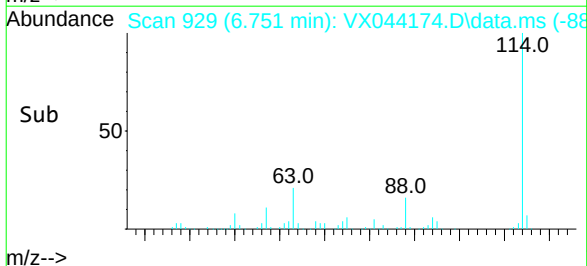
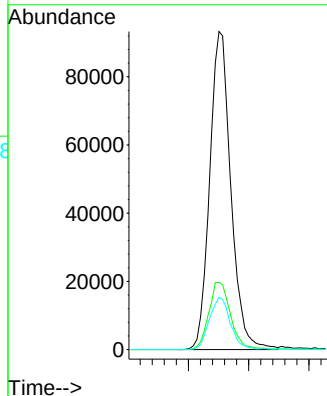
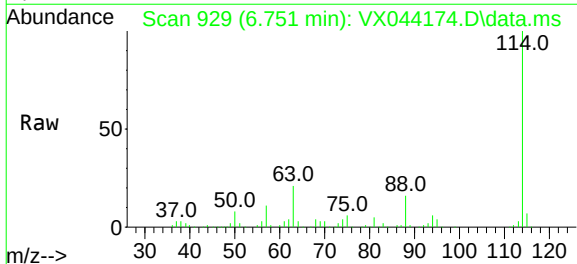
Manual Integrations
APPROVED

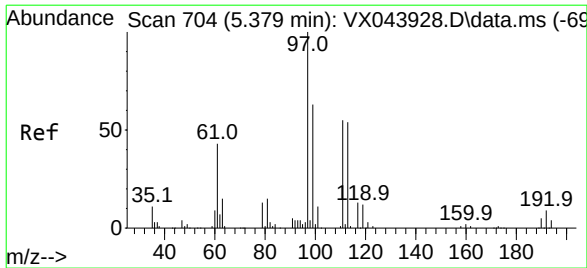
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

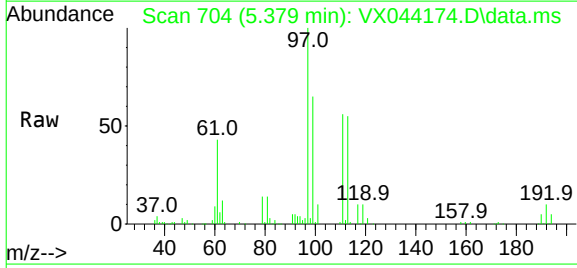
Tgt Ion:114 Resp: 227273
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.0
88 16.4 0.0 32.4





#35
Dibromofluoromethane
Concen: 51.481 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

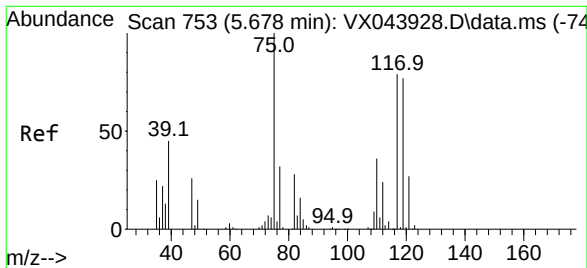
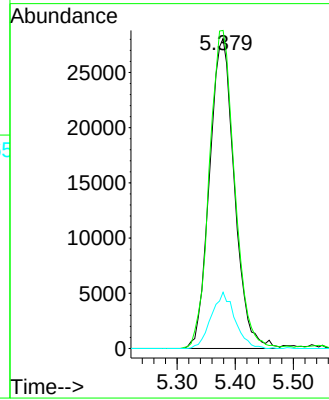
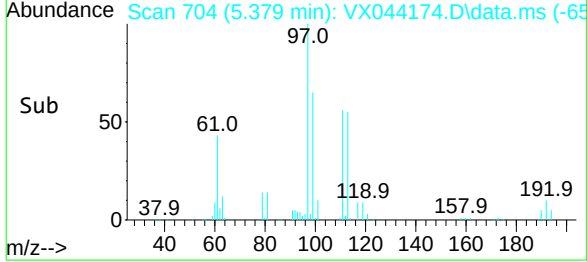
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 83604
Ion Ratio Lower Upper
113 100
111 103.8 81.0 121.4
192 17.2 13.0 19.6

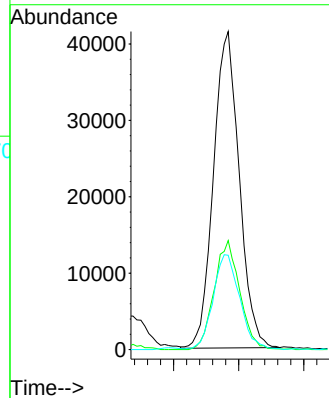
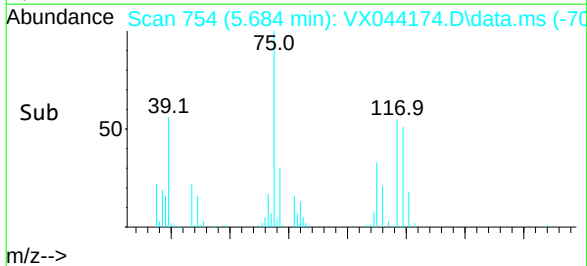
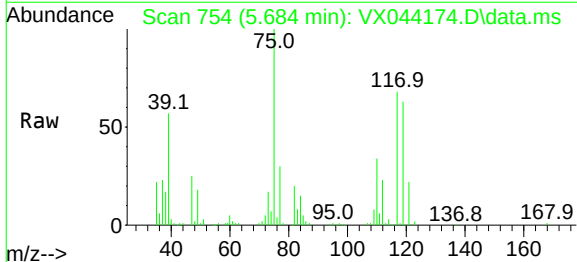
Manual Integrations
APPROVED

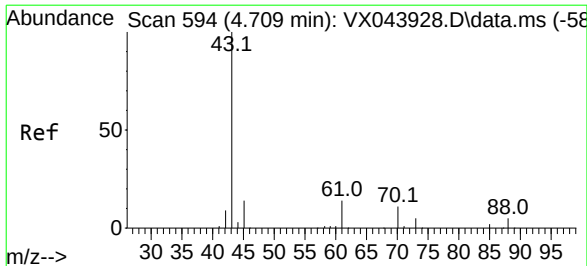
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#36
1,1-Dichloropropene
Concen: 56.258 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion: 75 Resp: 113848
Ion Ratio Lower Upper
75 100
110 34.1 17.4 52.2
77 31.1 25.8 38.8





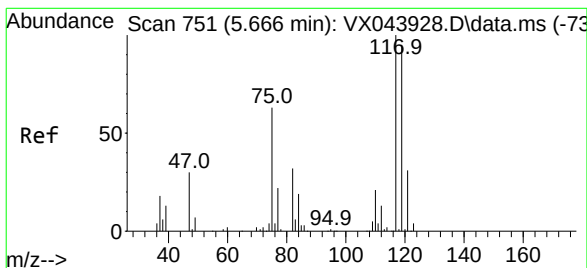
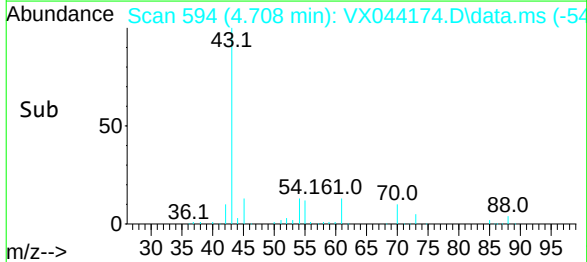
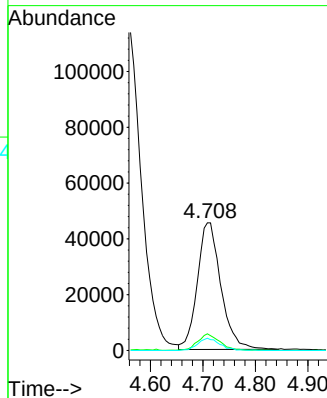
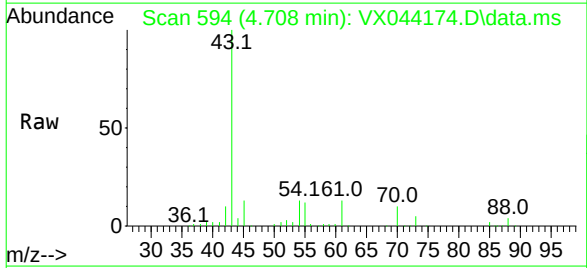
#37
Ethyl Acetate
Concen: 56.170 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 141102
Ion Ratio Lower Upper
43 100
61 11.9 10.7 16.1
70 9.0 8.0 12.0

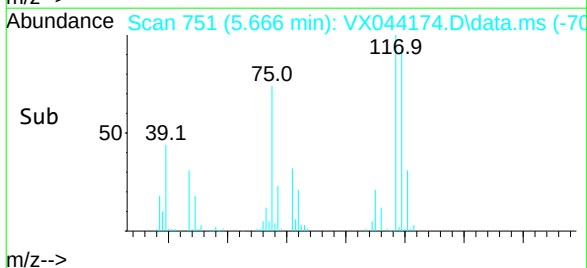
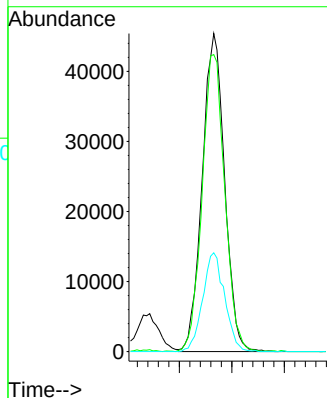
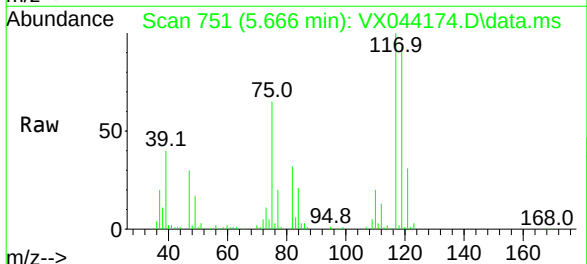
Manual Integrations
APPROVED

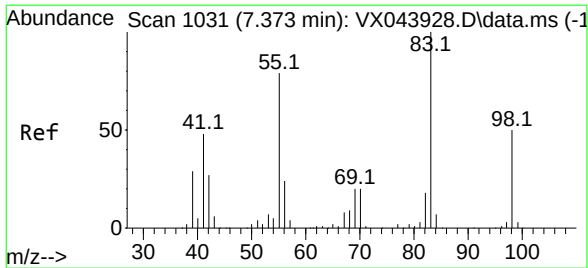
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#38
Carbon Tetrachloride
Concen: 59.182 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion:117 Resp: 134573
Ion Ratio Lower Upper
117 100
119 93.4 75.2 112.8
121 31.1 24.5 36.7





#39
Methylcyclohexane
Concen: 56.127 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

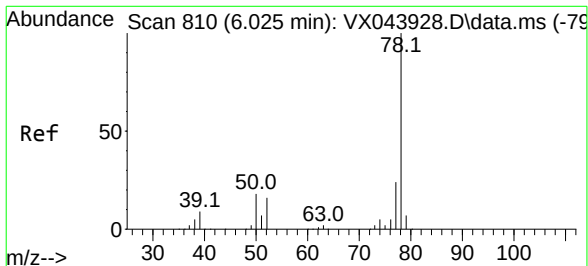
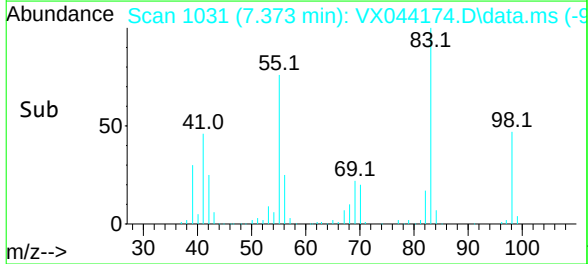
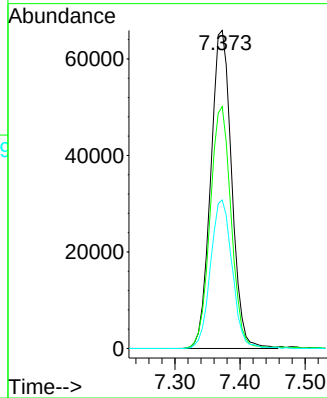
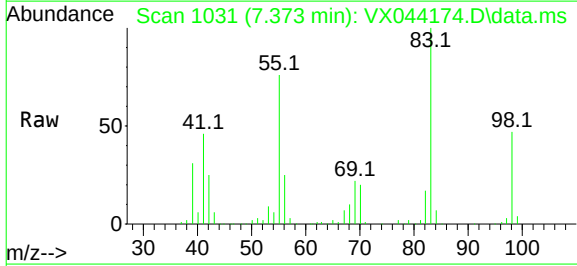
Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.1	63.1	94.7
98	46.7	40.0	60.0

Manual Integrations

APPROVED

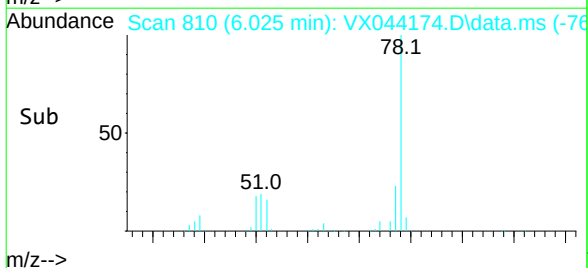
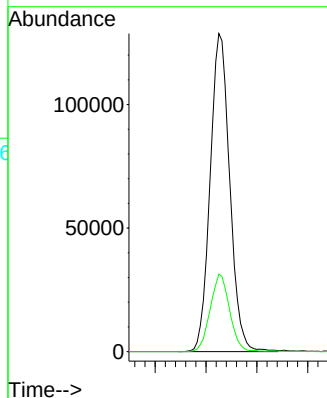
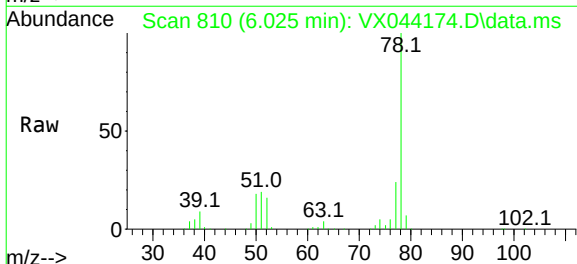
Reviewed By :John Carlone 12/10/2024

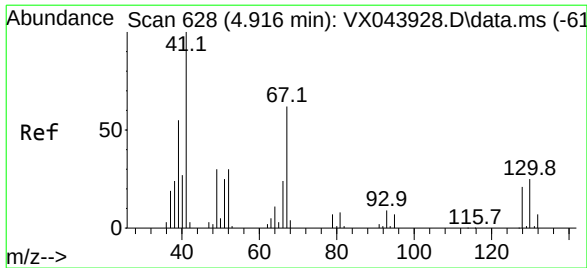
Supervised By :Mahesh Dadoda 12/10/2024



#40
Benzene
Concen: 54.597 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8





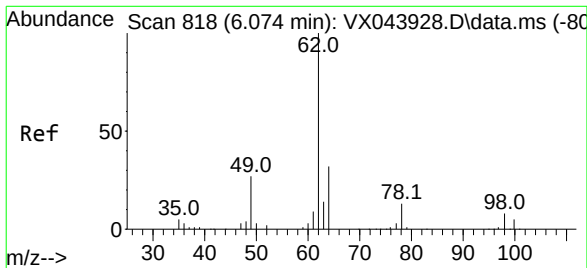
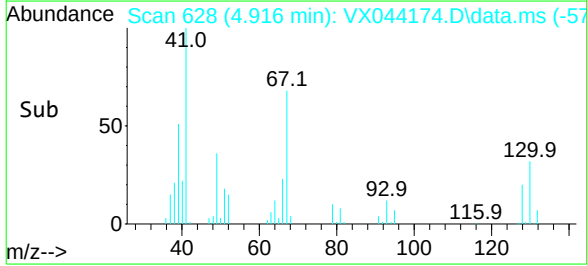
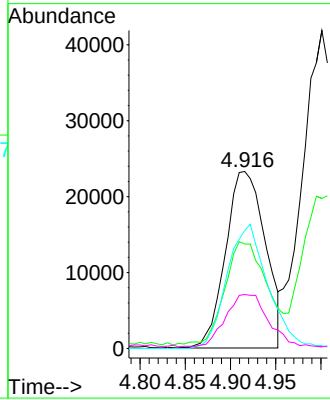
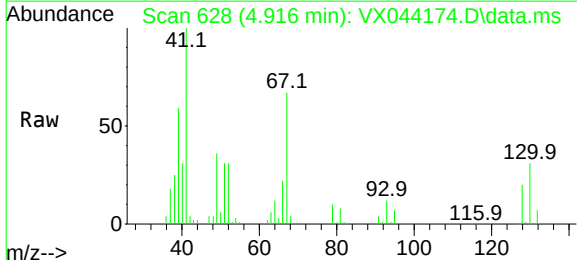
#41
Methacrylonitrile
Concen: 55.276 ug/l
RT: 4.916 min Scan# 628
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	71068
Ion	Ratio	Lower	Upper
41	100		
39	62.1	41.7	62.5
67	72.7	55.8	83.8
52	31.5	24.0	36.0

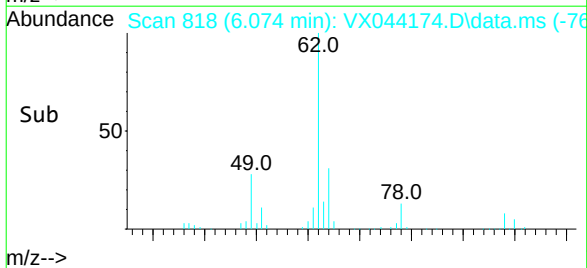
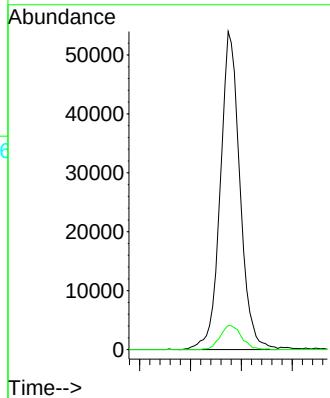
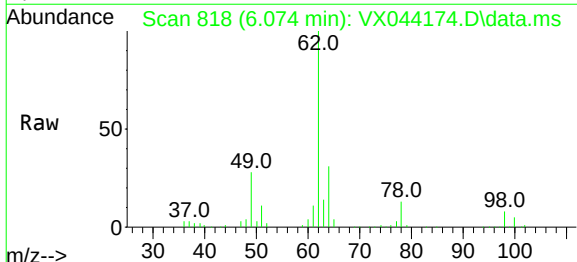
Manual Integrations
APPROVED

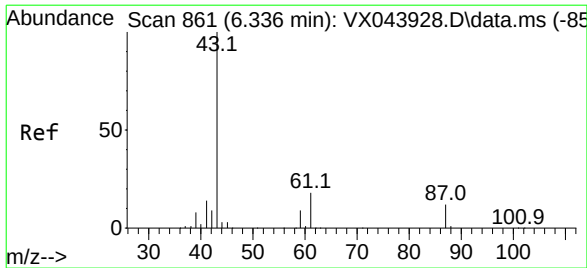
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#42
1,2-Dichloroethane
Concen: 57.138 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion:	62	Resp:	144654
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.4





#43

Isopropyl Acetate

Concen: 57.468 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

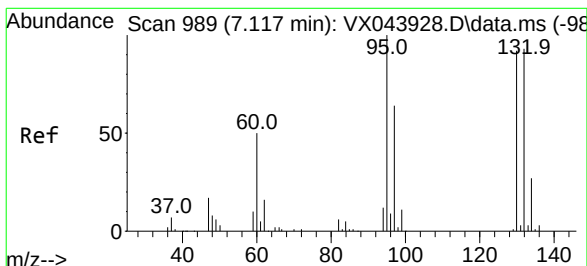
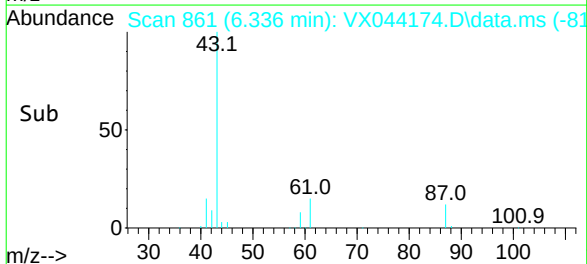
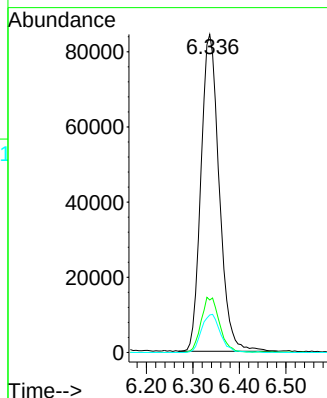
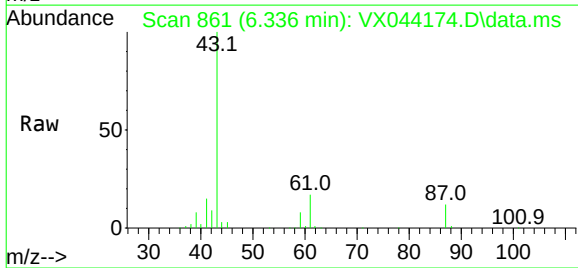
Tgt Ion:	43	Resp:	229745
Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.5	21.7
87	12.4	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#44

Trichloroethene

Concen: 48.503 ug/l

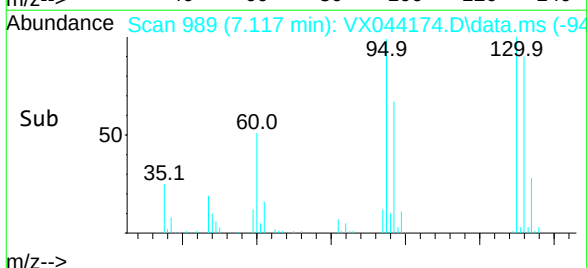
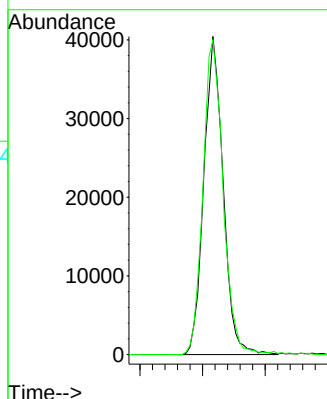
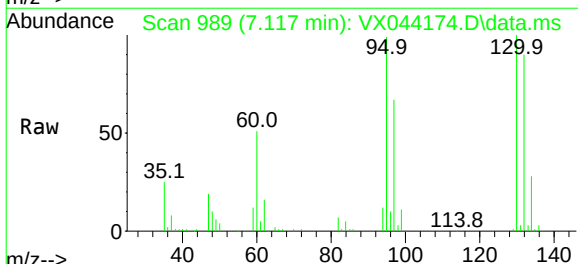
RT: 7.117 min Scan# 989

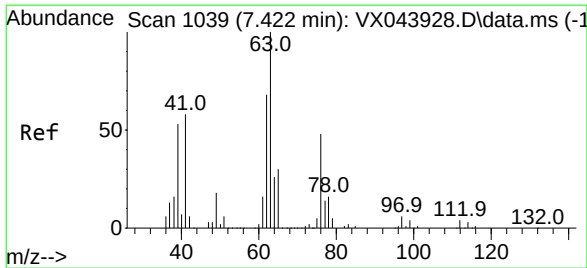
Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Tgt Ion:	130	Resp:	86553
Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	217.8





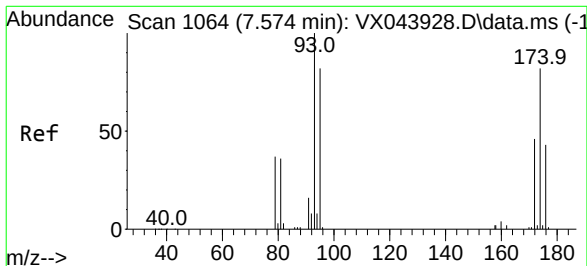
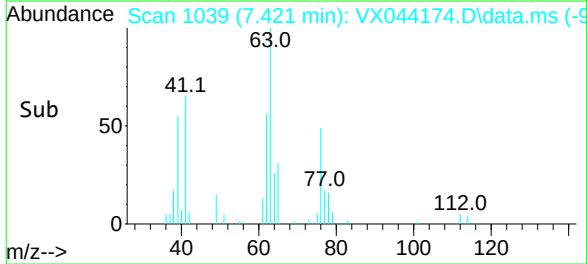
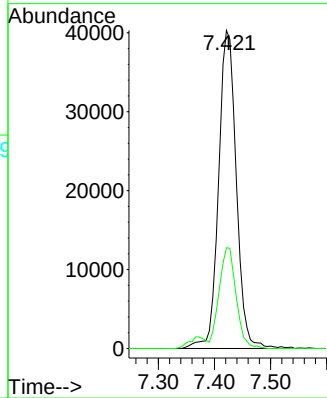
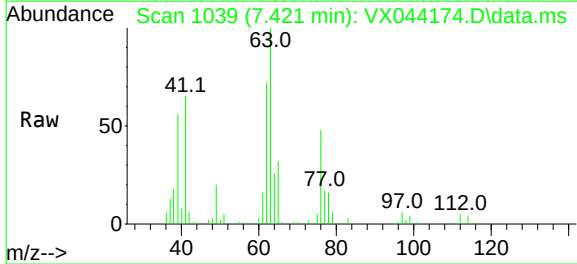
#45
1,2-Dichloropropane
Concen: 57.290 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 88451
Ion Ratio Lower Upper
63 100
65 31.7 23.8 35.6

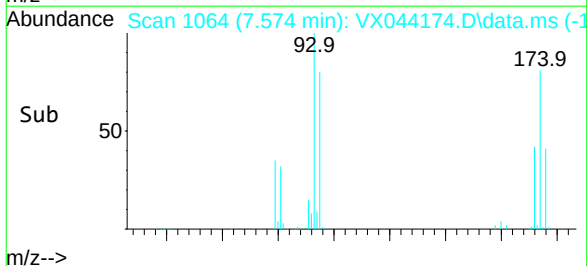
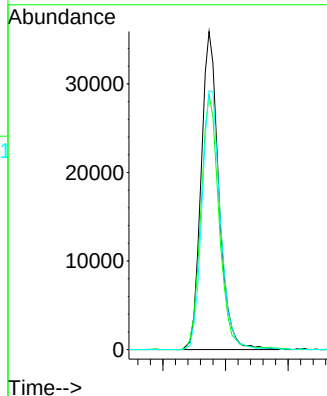
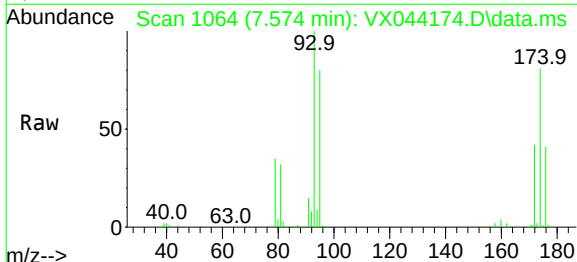
Manual Integrations
APPROVED

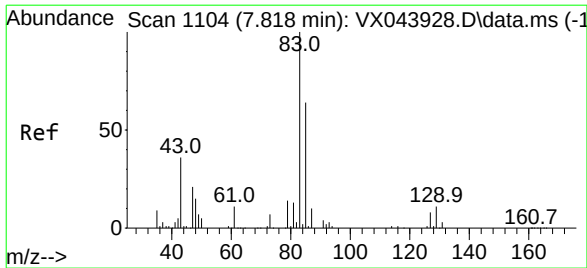
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#46
Dibromomethane
Concen: 57.782 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion: 93 Resp: 70569
Ion Ratio Lower Upper
93 100
95 82.8 66.2 99.4
174 84.8 69.6 104.4





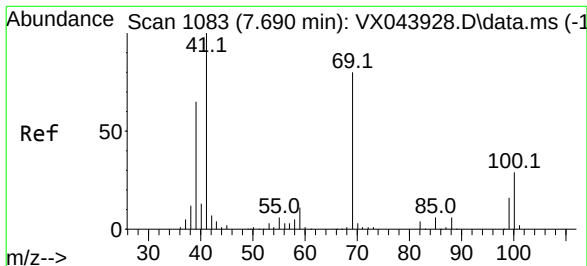
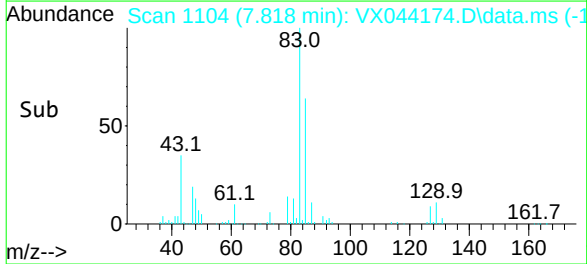
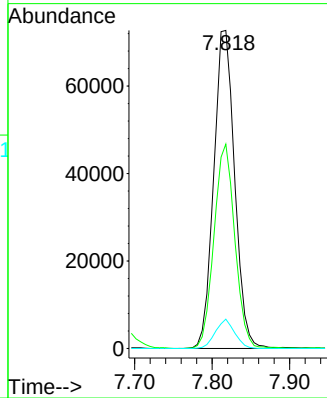
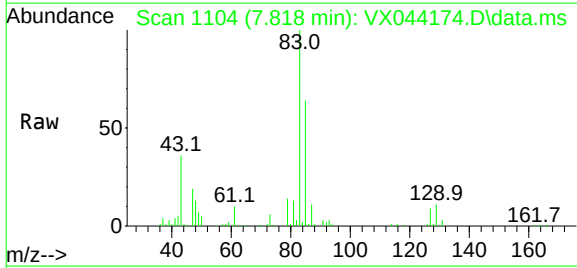
#47
Bromodichloromethane
Concen: 62.329 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 136522
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.0
127 9.2 6.6 10.0

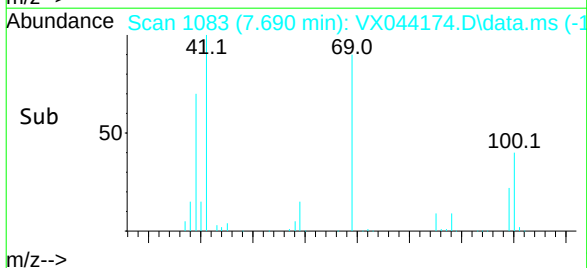
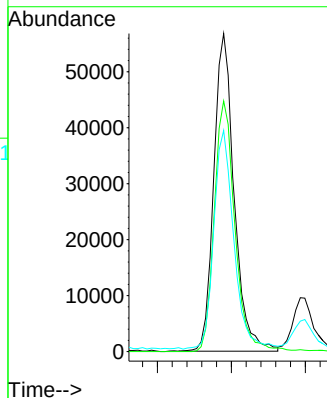
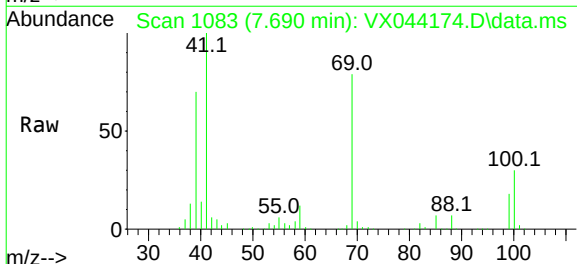
Manual Integrations
APPROVED

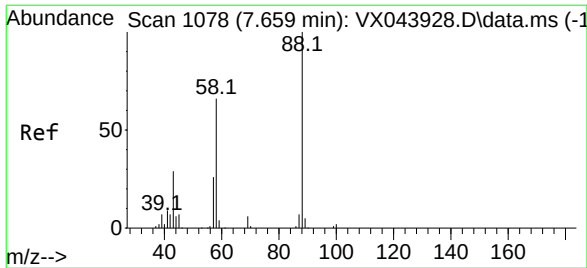
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#48
Methyl methacrylate
Concen: 56.476 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

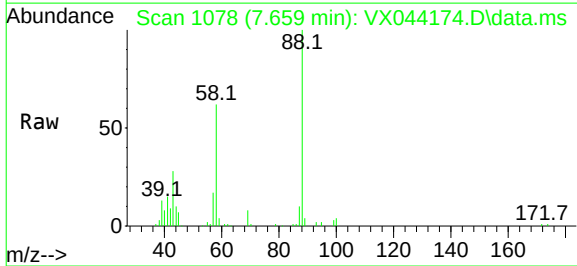
Tgt Ion: 41 Resp: 108338
Ion Ratio Lower Upper
41 100
69 80.2 64.6 97.0
39 67.7 53.3 79.9





#49
1,4-Dioxane
Concen: 748.393 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

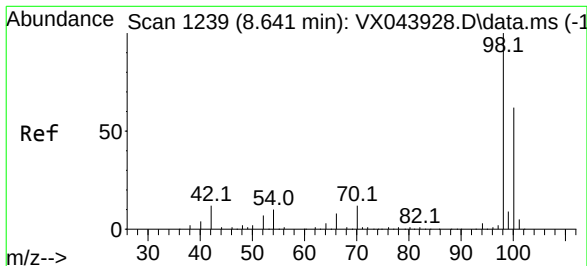
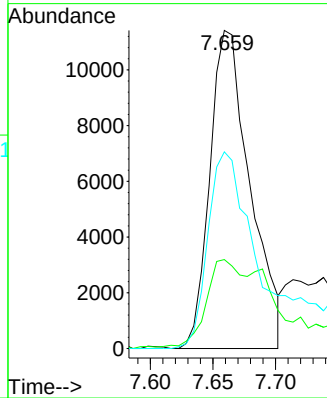
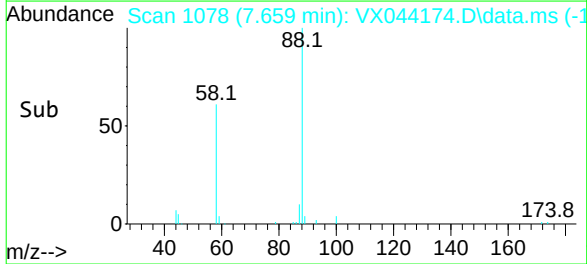
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



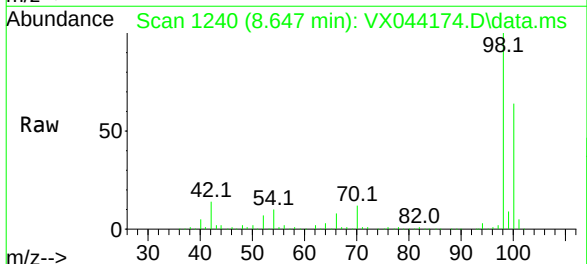
Tgt Ion: 88 Resp: 25573
Ion Ratio Lower Upper
88 100
43 26.9 26.8 40.2
58 81.6 45.4 68.2#

Manual Integrations
APPROVED

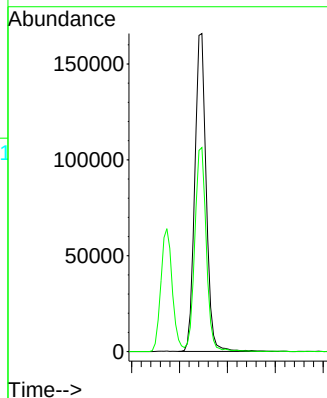
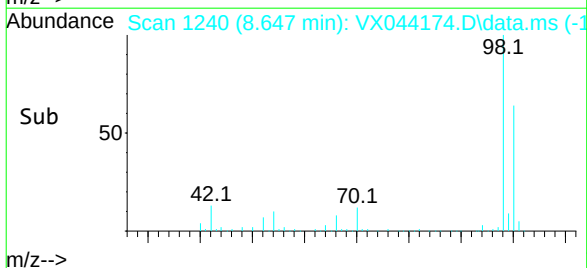
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

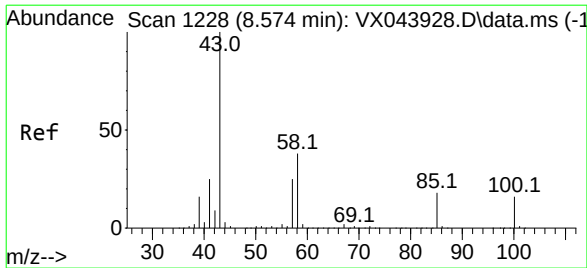


#50
Toluene-d8
Concen: 48.907 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42



Tgt Ion: 98 Resp: 273781
Ion Ratio Lower Upper
98 100
100 64.7 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 291.699 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 711641

Ion Ratio Lower Upper

43 100

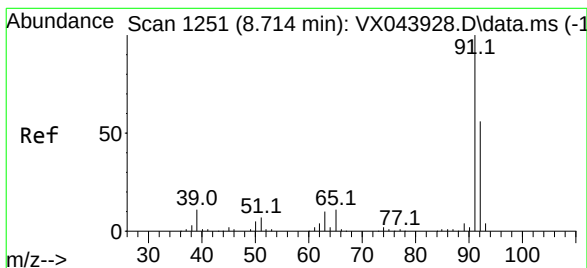
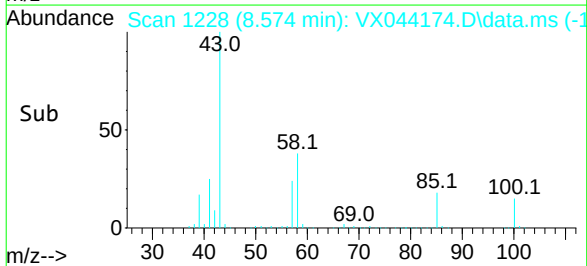
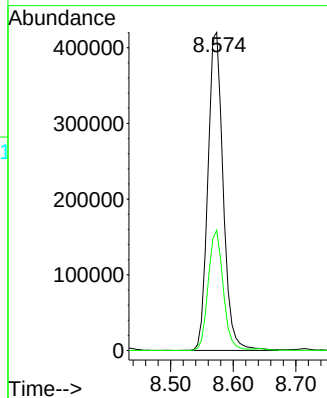
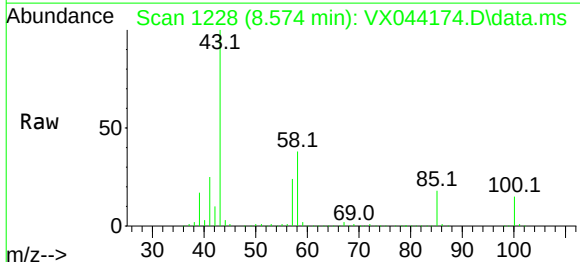
58 37.1 30.0 45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#52

Toluene

Concen: 57.015 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044174.D

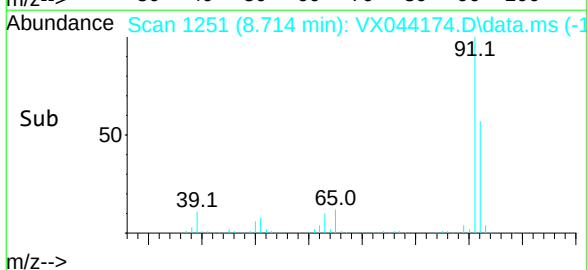
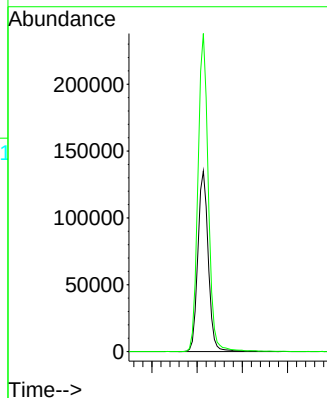
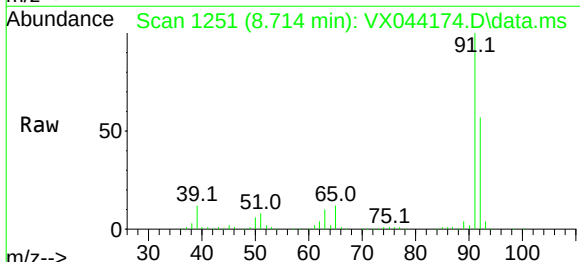
Acq: 09 Dec 2024 09:42

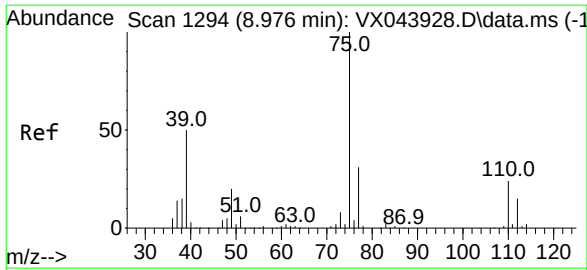
Tgt Ion: 92 Resp: 215112

Ion Ratio Lower Upper

92 100

91 174.8 139.7 209.5





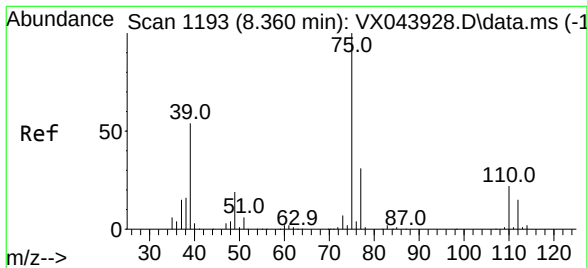
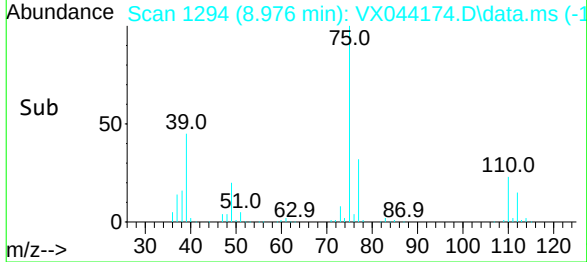
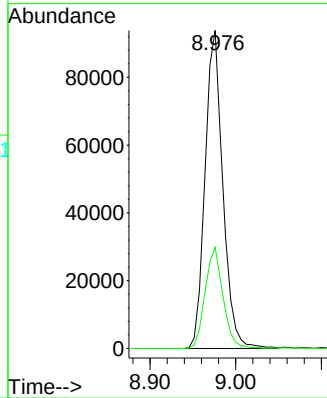
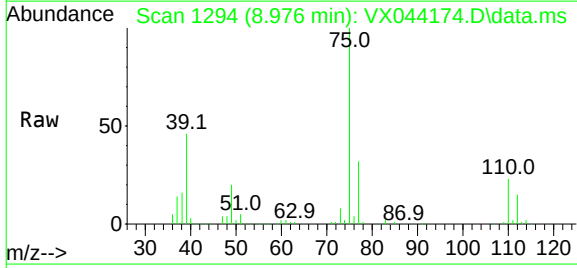
#53
t-1,3-Dichloropropene
Concen: 60.514 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 135167
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7

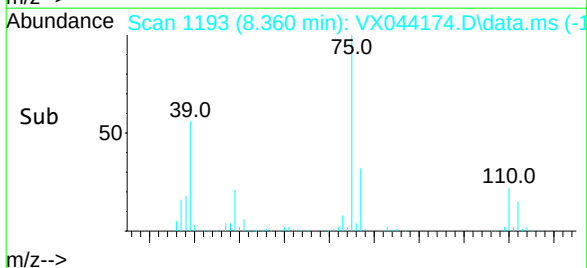
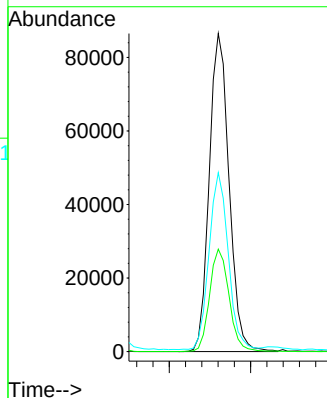
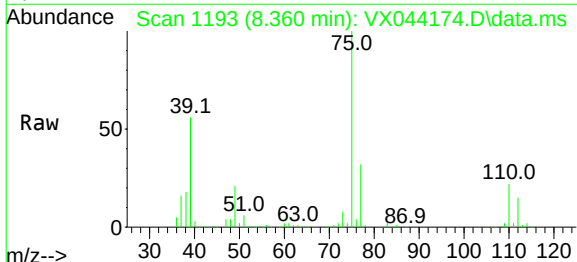
Manual Integrations
APPROVED

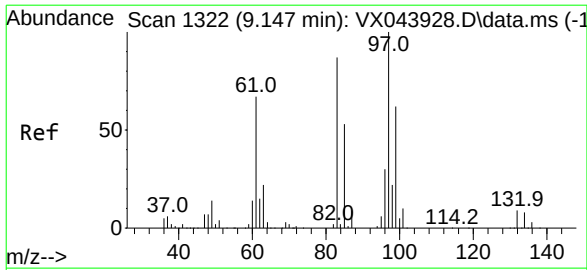
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#54
cis-1,3-Dichloropropene
Concen: 59.699 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

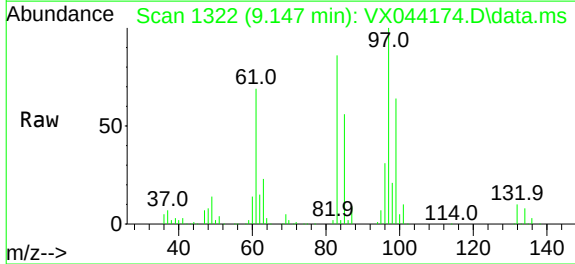
Tgt Ion: 75 Resp: 146180
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
39 55.6 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 57.058 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

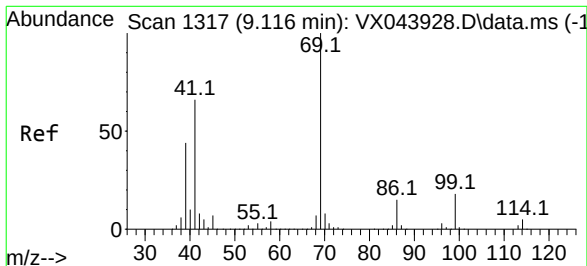
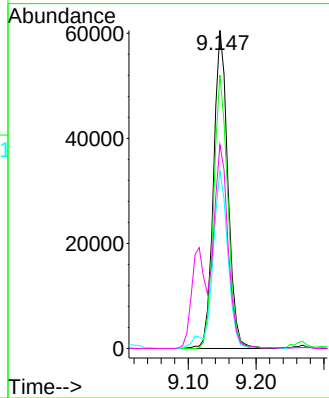
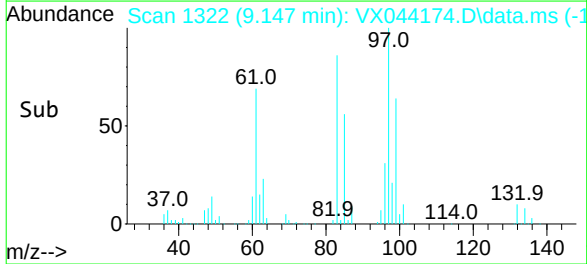
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



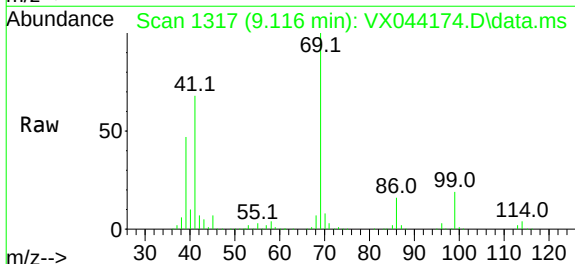
Tgt Ion:	97	Resp:	88864
Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.4	104.0
85	55.9	42.3	63.5
99	63.9	49.6	74.4

Manual Integrations
APPROVED

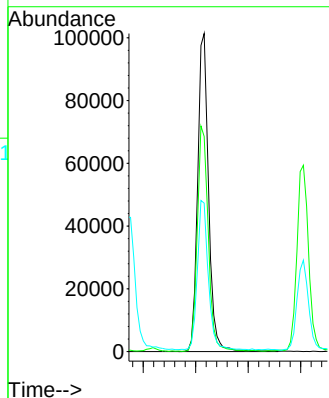
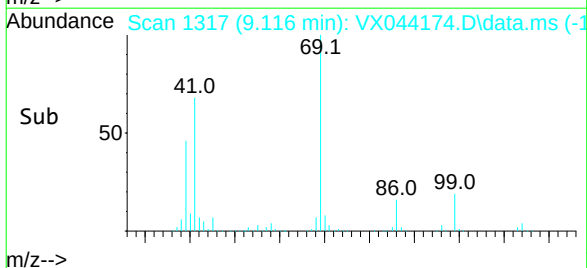
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

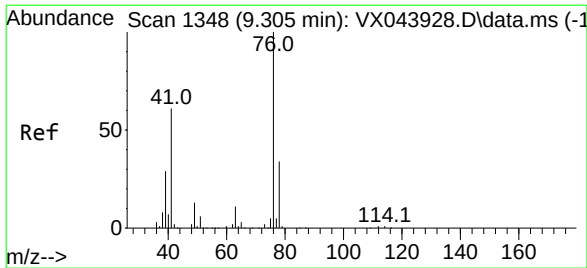


#56
Ethyl methacrylate
Concen: 60.237 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42



Tgt Ion:	69	Resp:	146127
Ion	Ratio	Lower	Upper
69	100		
41	71.2	55.8	83.8
39	47.0	36.7	55.1





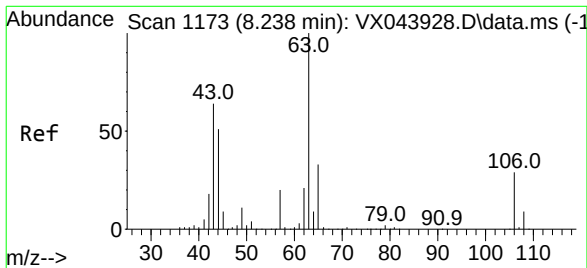
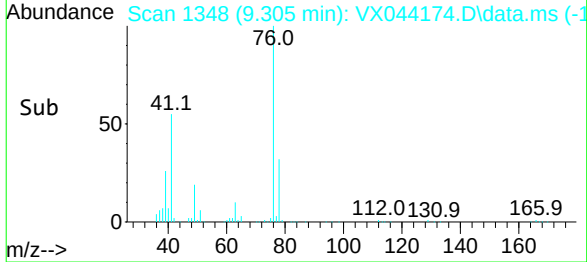
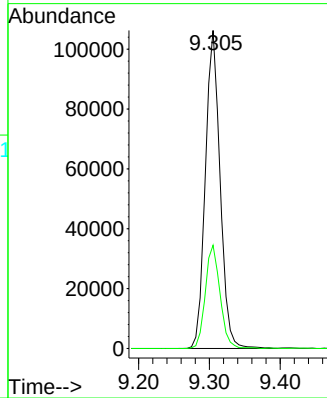
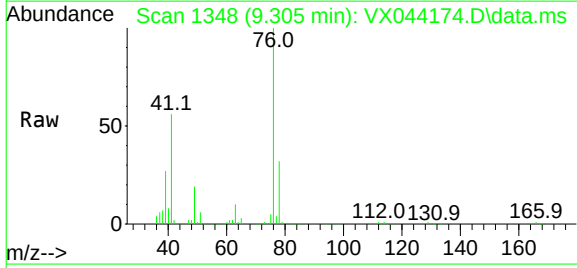
#57
1,3-Dichloropropane
Concen: 58.519 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 153530
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0

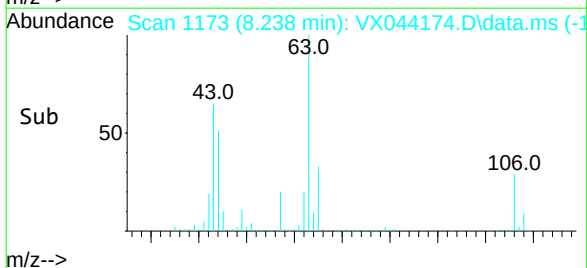
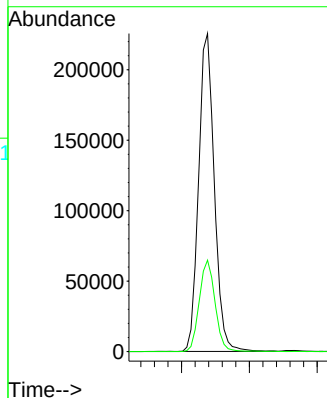
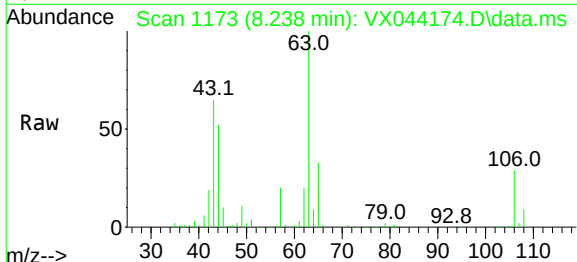
Manual Integrations
APPROVED

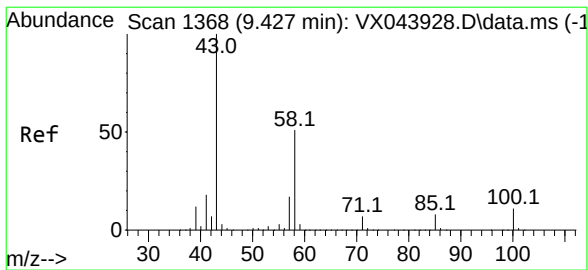
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#58
2-Chloroethyl Vinyl ether
Concen: 272.768 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion: 63 Resp: 362299
Ion Ratio Lower Upper
63 100
106 28.8 23.0 34.6





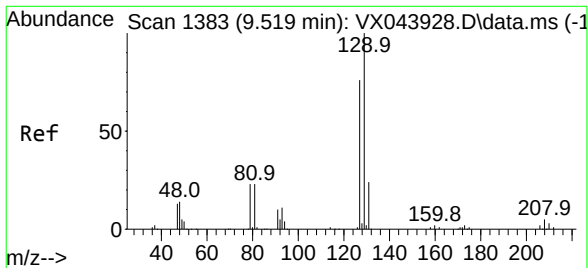
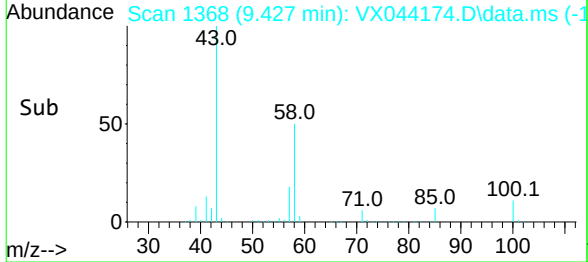
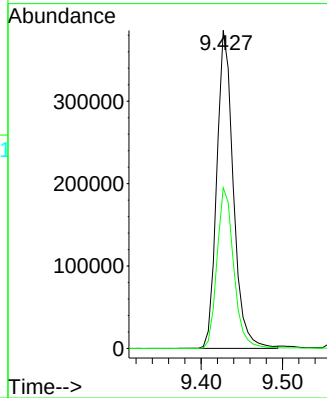
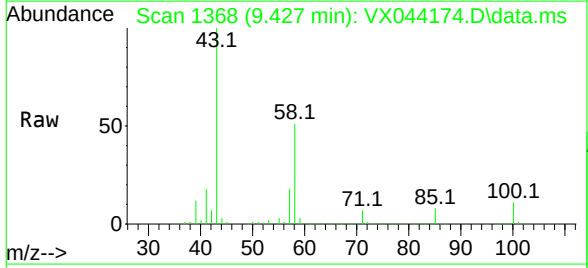
#59
2-Hexanone
Concen: 296.330 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Tgt Ion: 43 Resp: 543380
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.6

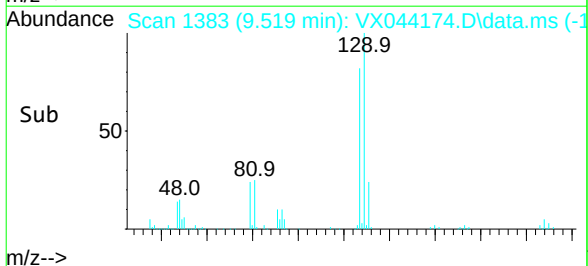
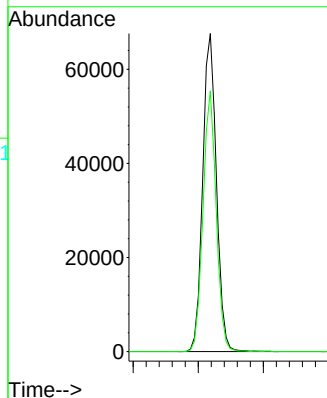
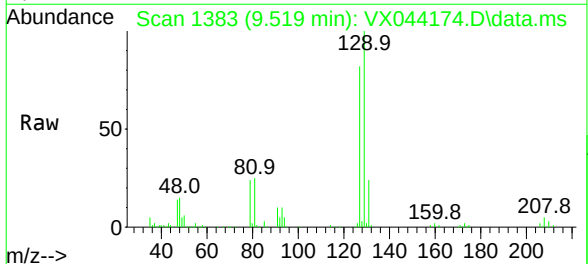
Manual Integrations
APPROVED

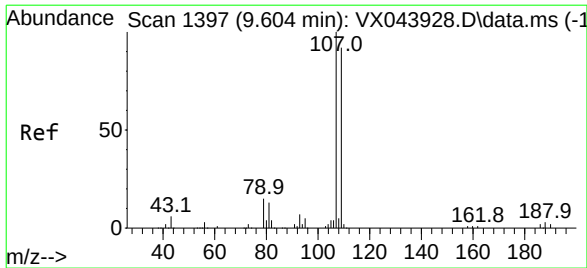
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#60
Dibromochloromethane
Concen: 63.187 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion:129 Resp: 98737
Ion Ratio Lower Upper
129 100
127 79.1 38.2 114.6





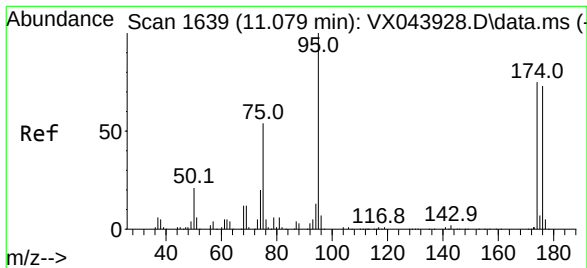
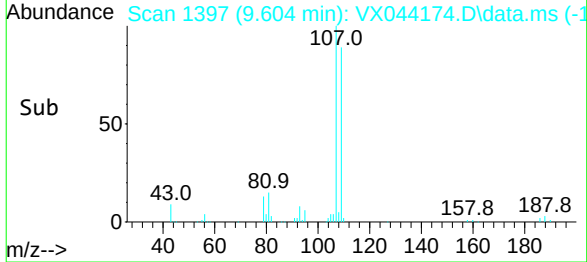
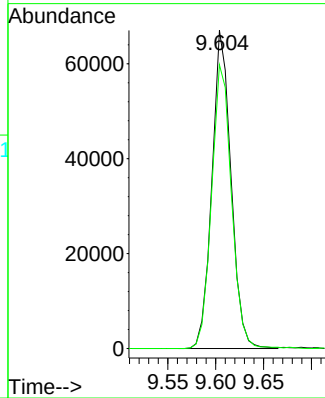
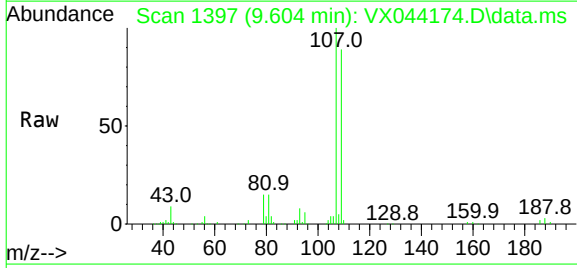
#61
1,2-Dibromoethane
Concen: 58.852 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Tgt Ion: 107 Resp: 92681
Ion Ratio Lower Upper
107 100
109 93.4 75.2 112.8

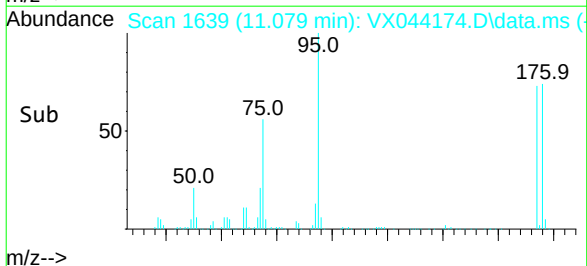
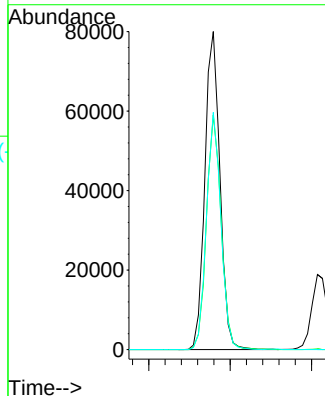
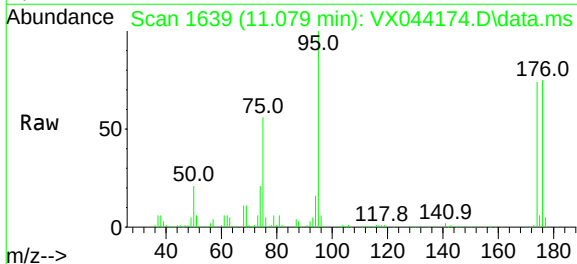
Manual Integrations
APPROVED

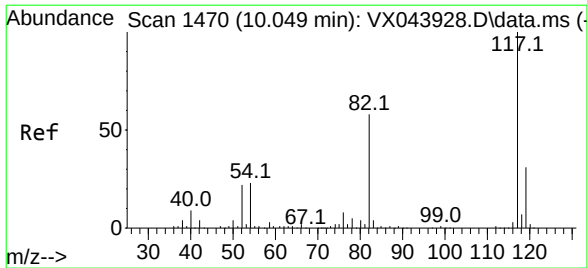
Reviewed By : John Carlone 12/10/2024
Supervised By : Mahesh Dadoda 12/10/2024



#62
4-Bromofluorobenzene
Concen: 53.924 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion: 95 Resp: 102733
Ion Ratio Lower Upper
95 100
174 72.1 0.0 150.4
176 71.8 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

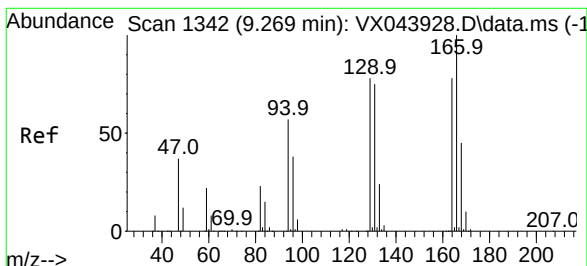
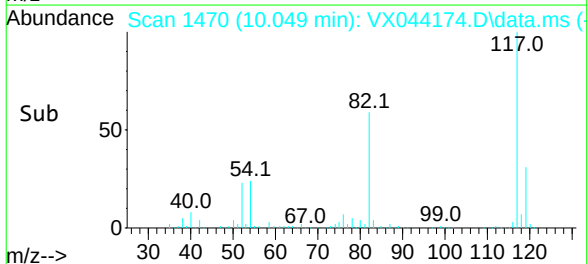
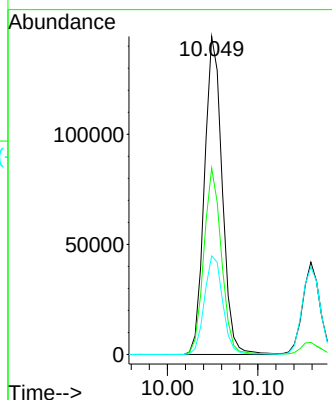
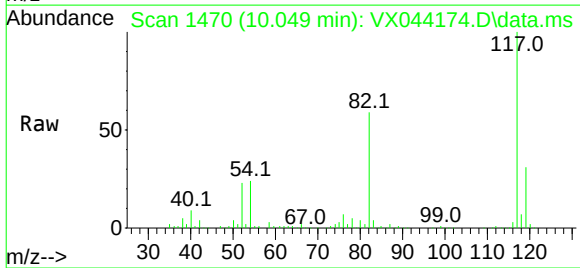
Tgt Ion:	117	Resp:	196952
Ion	Ratio	Lower	Upper
117	100		
82	58.6	46.4	69.6
119	31.0	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#64

Tetrachloroethene

Concen: 56.432 ug/l

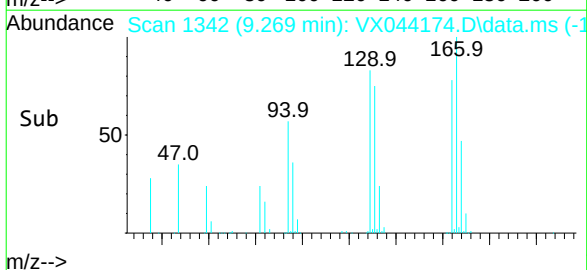
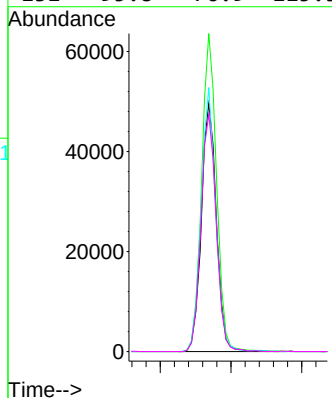
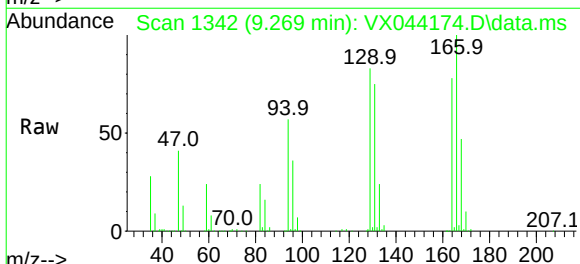
RT: 9.269 min Scan# 1342

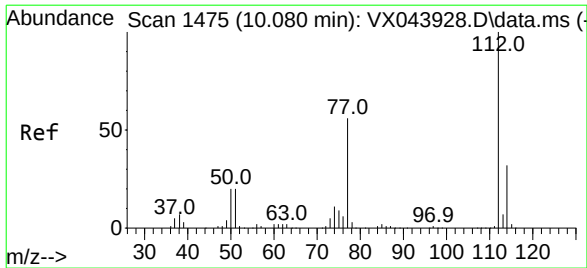
Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Tgt Ion:	164	Resp:	73287
Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.1	153.1
129	106.5	79.6	119.4
131	95.8	76.9	115.3





#65

Chlorobenzene

Concen: 54.997 ug/l

RT: 10.073 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 237896

Ion Ratio Lower Upper

112 100

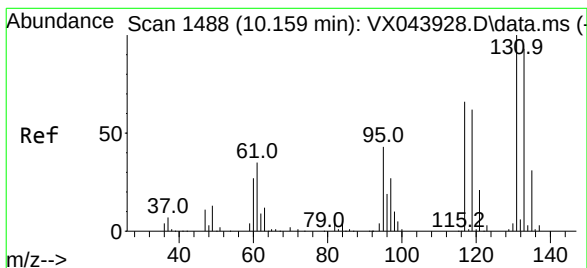
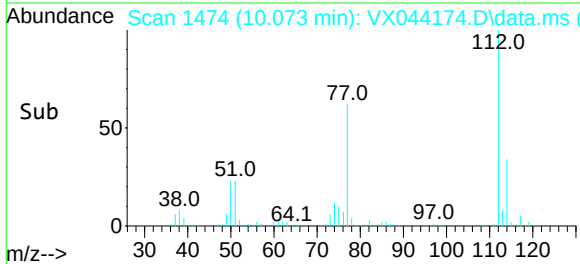
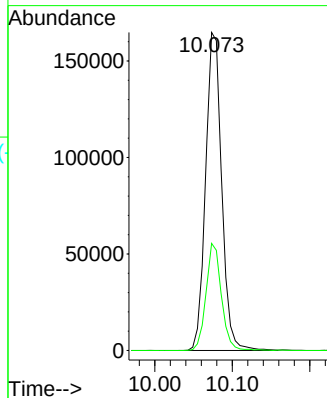
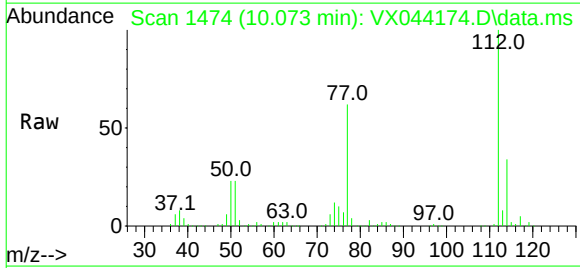
114 33.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 60.723 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

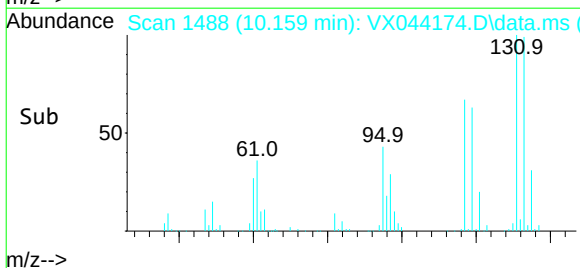
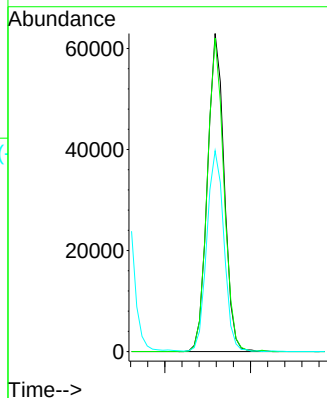
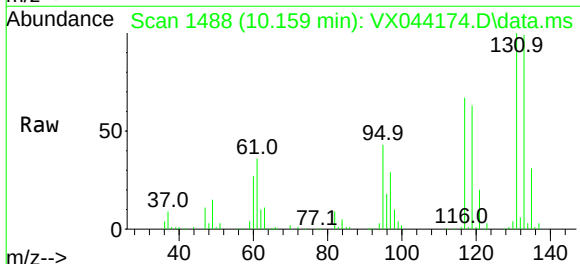
Tgt Ion:131 Resp: 85186

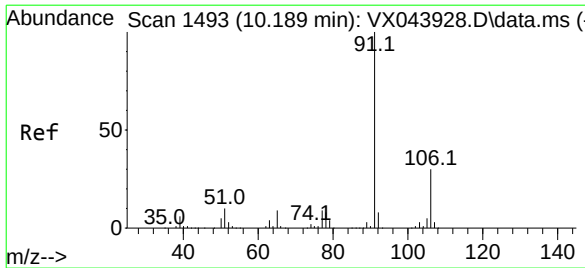
Ion Ratio Lower Upper

131 100

133 97.5 48.2 144.6

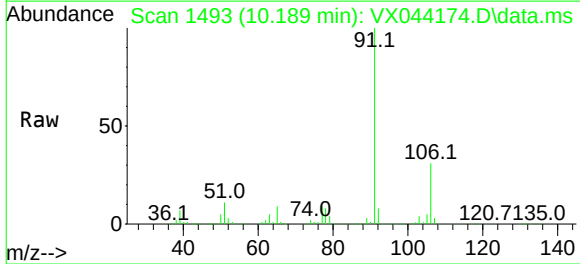
119 64.6 31.5 94.5





#67
Ethyl Benzene
Concen: 58.352 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

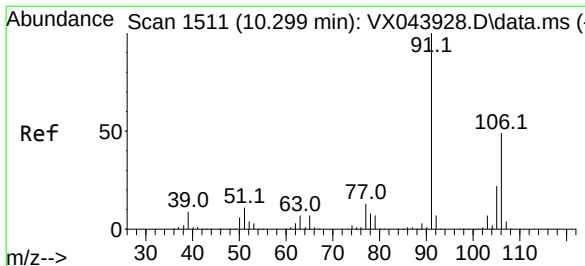
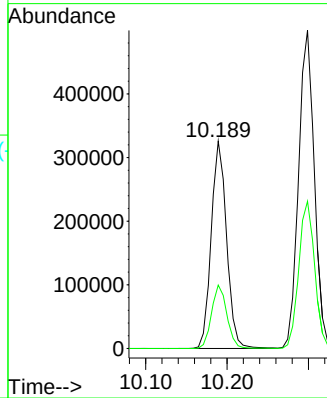
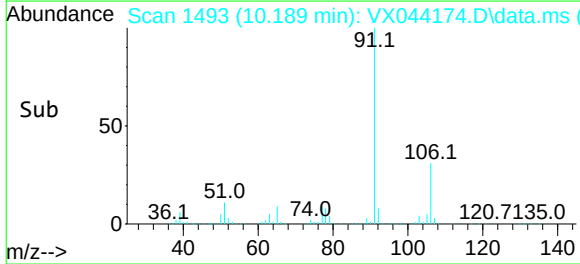
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 427705
Ion Ratio Lower Upper
91 100
106 30.6 23.6 35.4

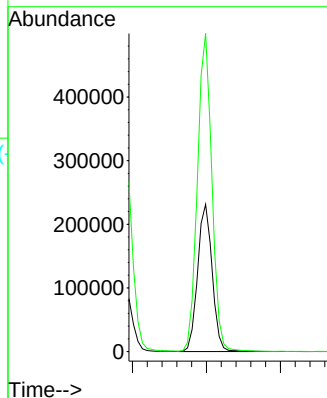
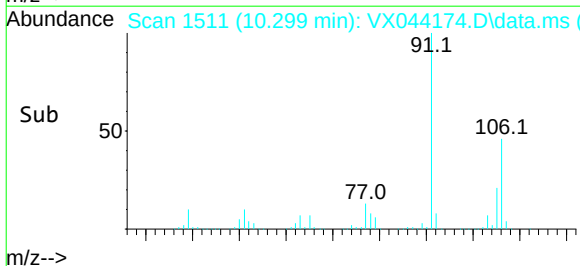
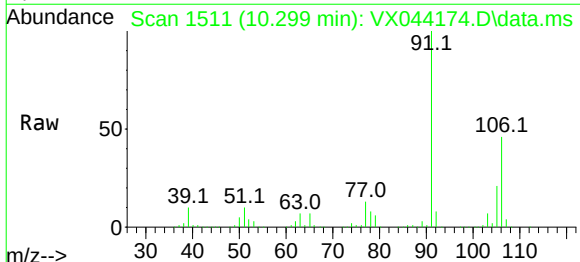
Manual Integrations
APPROVED

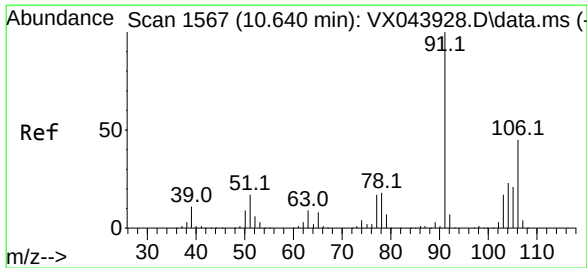
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#68
m/p-Xylenes
Concen: 115.254 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion:106 Resp: 315039
Ion Ratio Lower Upper
106 100
91 214.5 168.1 252.1





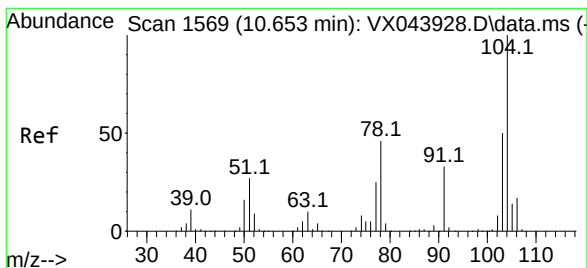
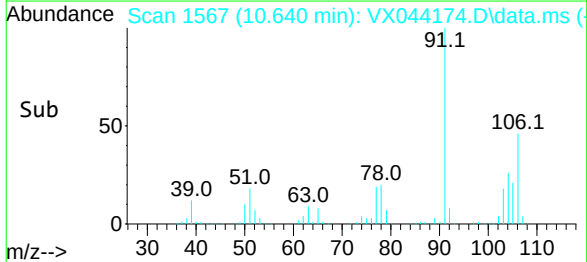
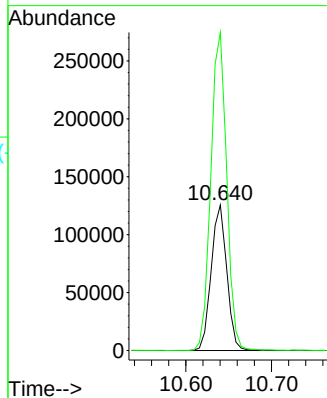
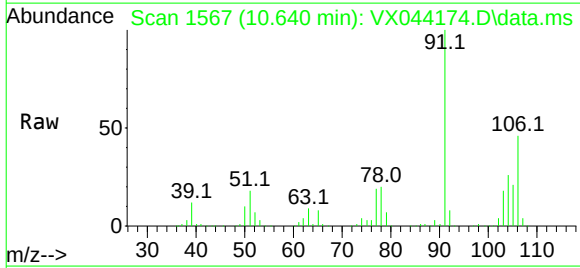
#69
o-Xylene
Concen: 59.412 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 158561
Ion Ratio Lower Upper
106 100
91 223.2 110.2 330.6

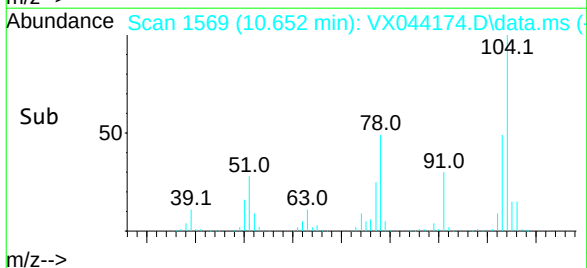
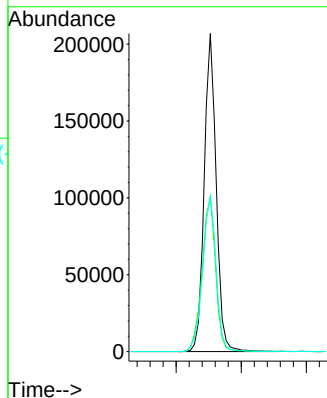
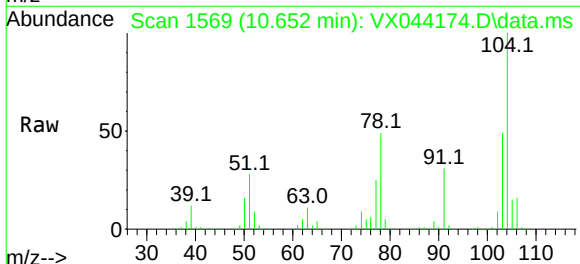
Manual Integrations
APPROVED

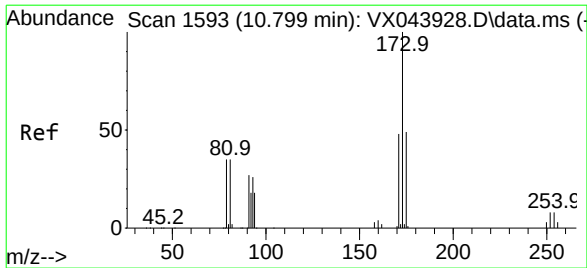
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#70
Styrene
Concen: 59.859 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion:104 Resp: 264223
Ion Ratio Lower Upper
104 100
78 55.3 42.2 63.2
103 55.0 44.7 67.1





#71

Bromoform

Concen: 56.868 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

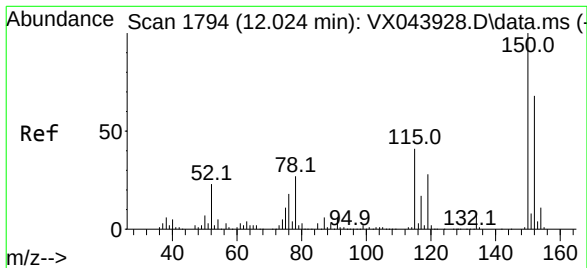
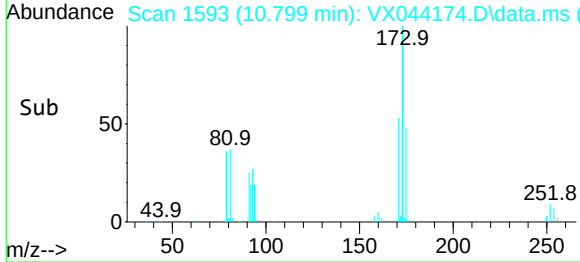
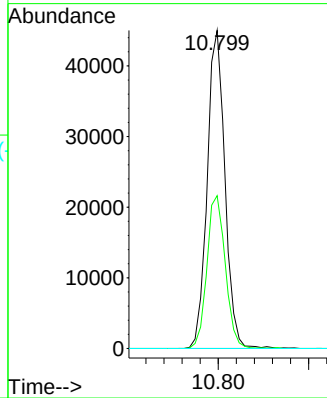
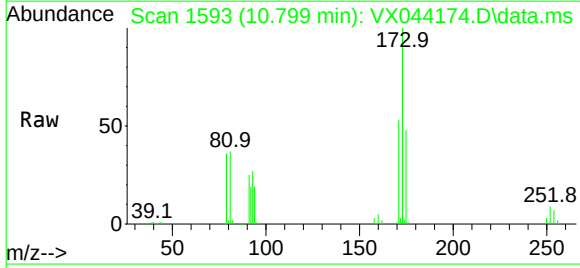
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

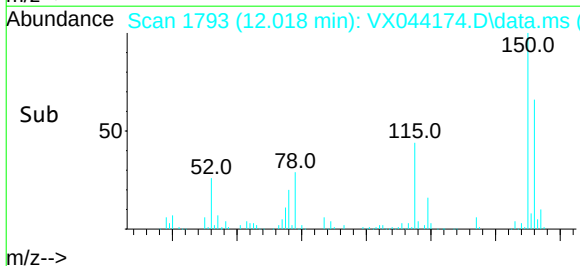
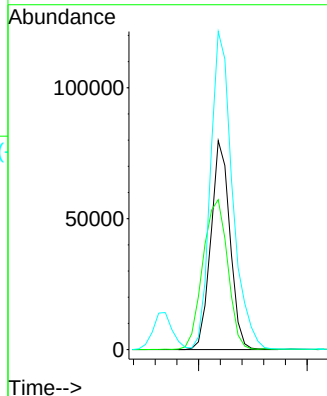
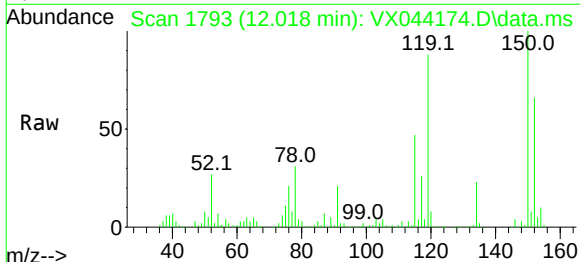
RT: 12.018 min Scan# 1793

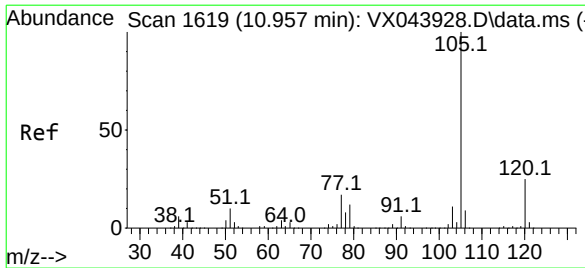
Delta R.T. -0.006 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	93.7	45.4	136.2
150	175.2	0.0	353.0





#73

Isopropylbenzene

Concen: 55.131 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 413444

Ion Ratio Lower Upper

105 100

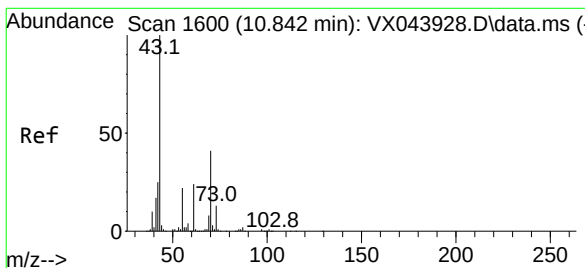
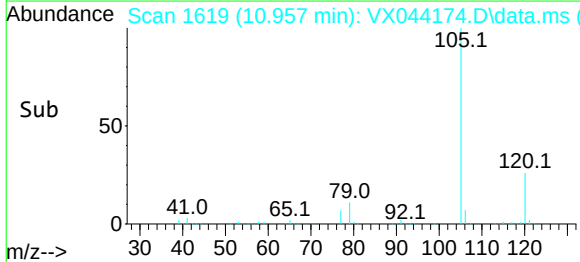
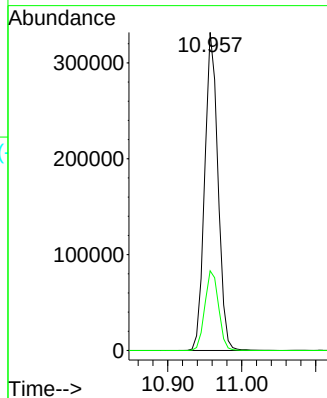
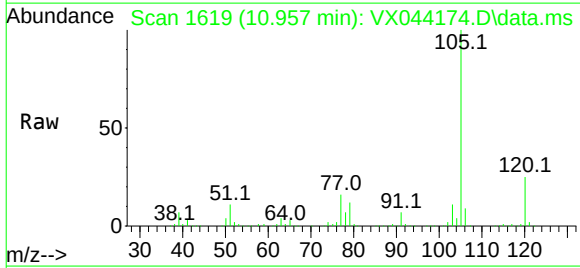
120 25.9 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#74

N-ethyl acetate

Concen: 56.557 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Tgt Ion: 43 Resp: 196483

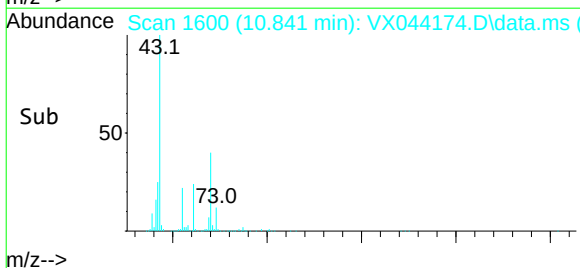
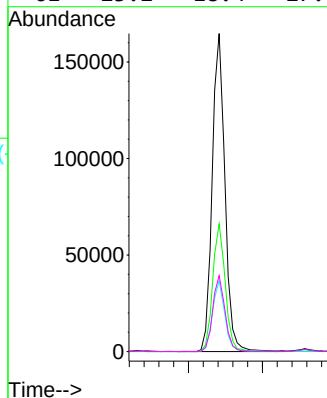
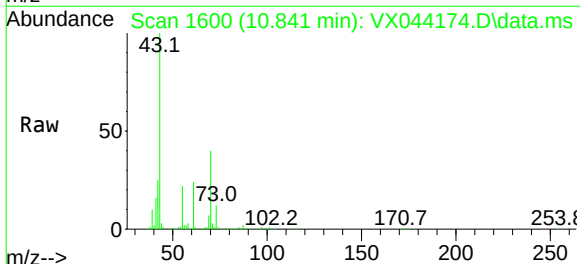
Ion Ratio Lower Upper

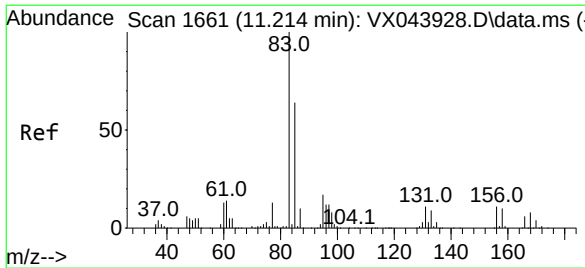
43 100

70 39.7 32.2 48.2

55 21.5 18.1 27.1

61 23.2 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.980 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

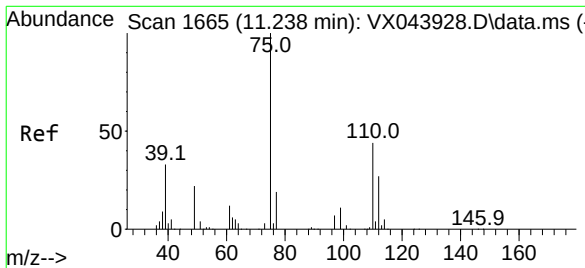
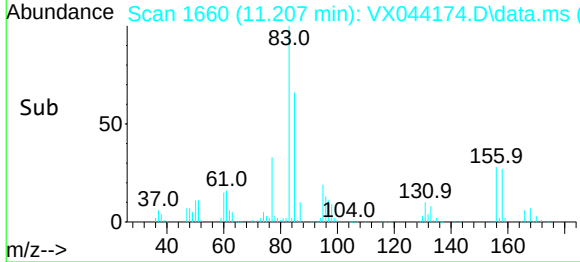
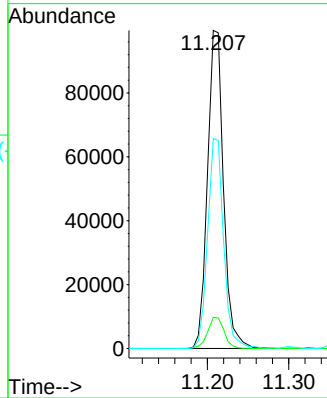
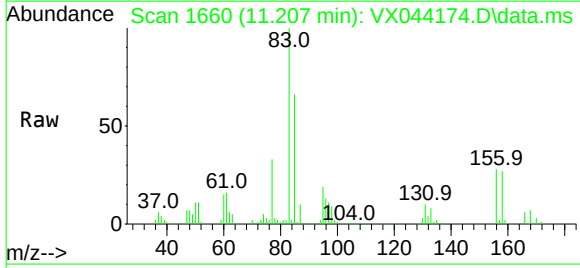
Tgt Ion:	83	Resp:	136043
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.2
85	66.0	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#76

1,2,3-Trichloropropane

Concen: 55.113 ug/l m

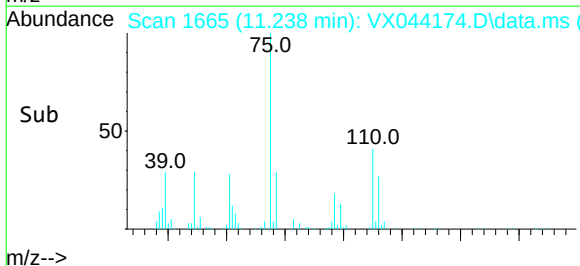
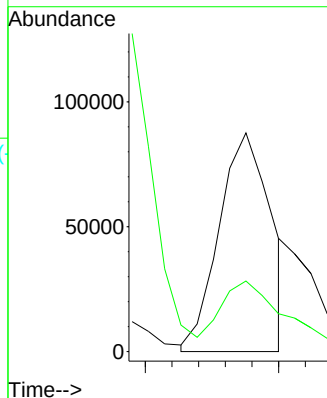
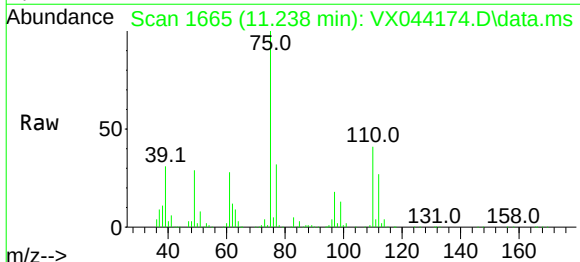
RT: 11.238 min Scan# 1665

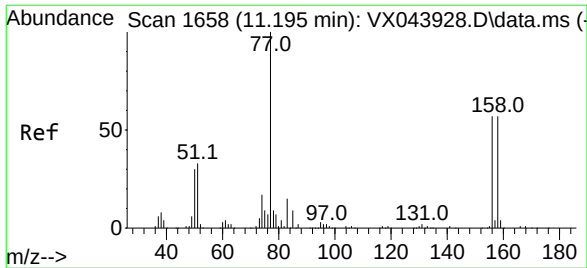
Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Tgt Ion:	75	Resp:	117911
Ion	Ratio	Lower	Upper
75	100		
77	41.4	21.8	65.3





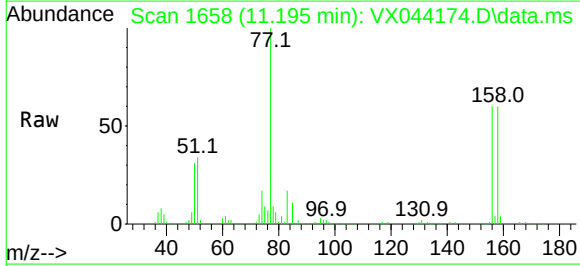
#77
Bromobenzene
Concen: 54.572 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



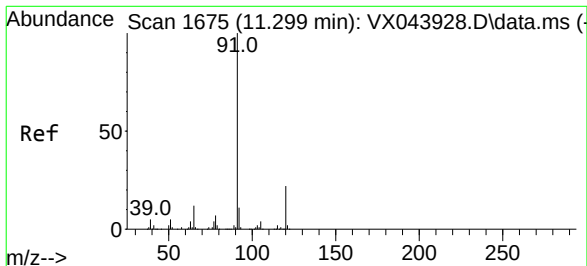
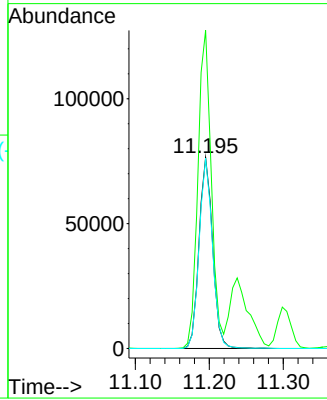
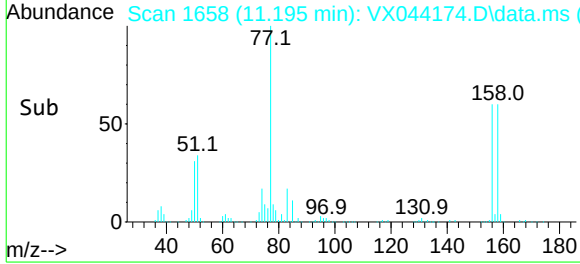
Tgt Ion:156 Resp: 97626
Ion Ratio Lower Upper
156 100
77 164.8 83.4 250.1
158 97.9 47.6 142.8

Manual Integrations

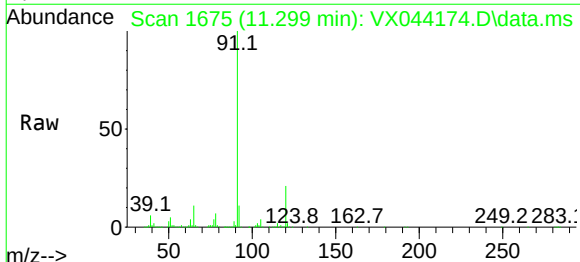
APPROVED

Reviewed By :John Carlone 12/10/2024

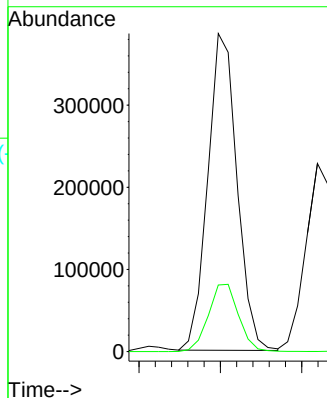
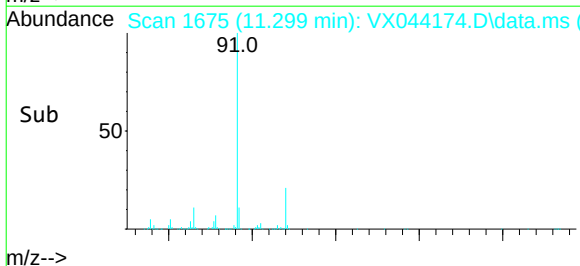
Supervised By :Mahesh Dadoda 12/10/2024

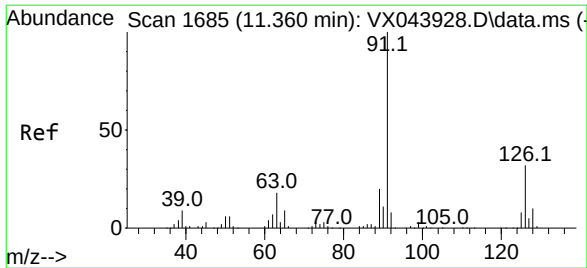


#78
n-propylbenzene
Concen: 57.544 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42



Tgt Ion: 91 Resp: 481969
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





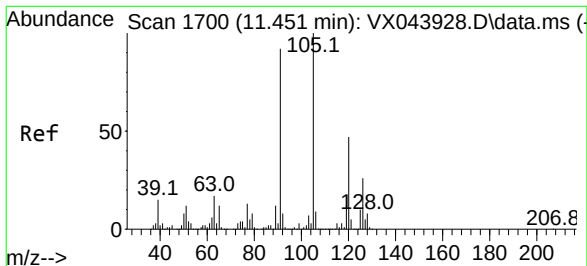
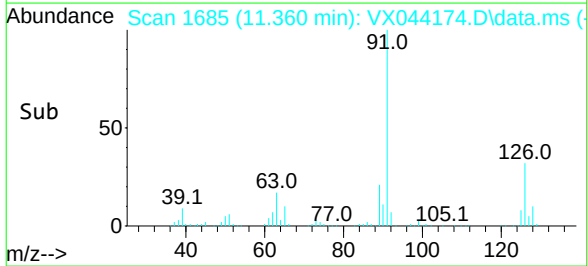
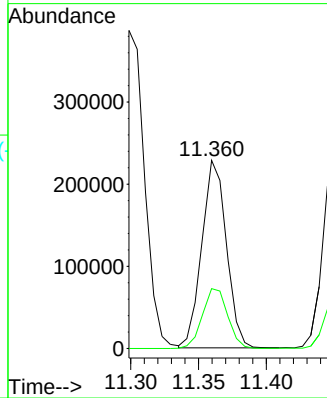
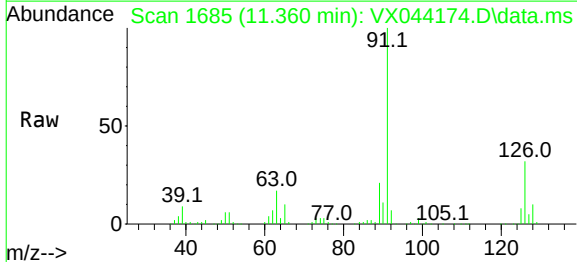
#79
2-Chlorotoluene
Concen: 54.387 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 288045
Ion Ratio Lower Upper
91 100
126 32.9 16.6 49.8

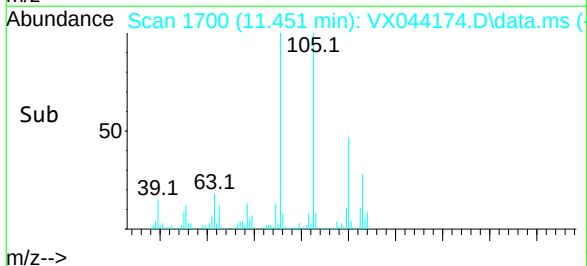
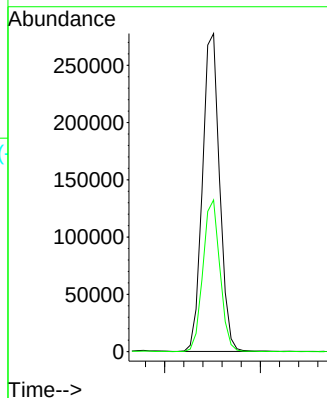
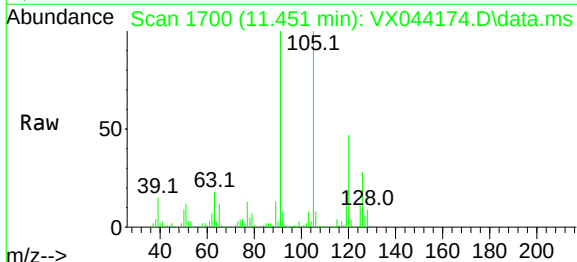
Manual Integrations
APPROVED

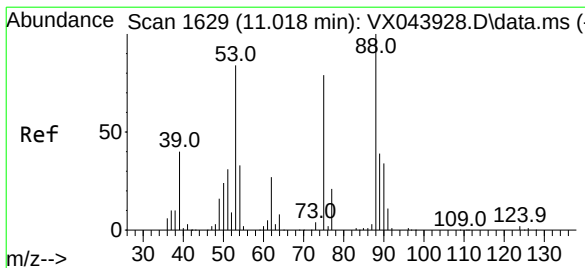
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#80
1,3,5-Trimethylbenzene
Concen: 56.047 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion:105 Resp: 345791
Ion Ratio Lower Upper
105 100
120 47.4 23.3 69.8





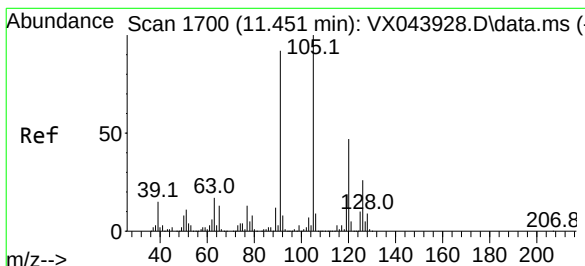
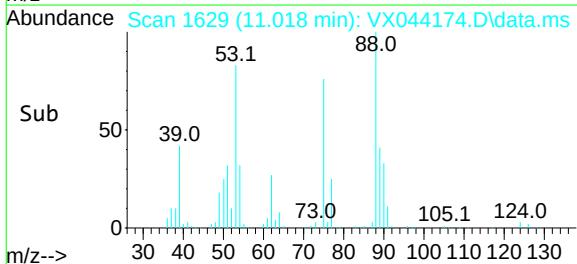
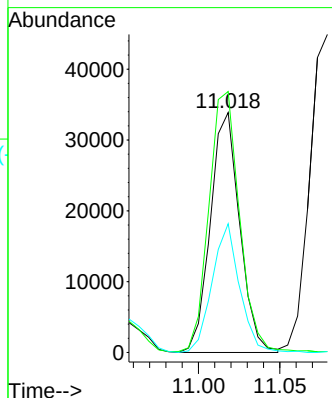
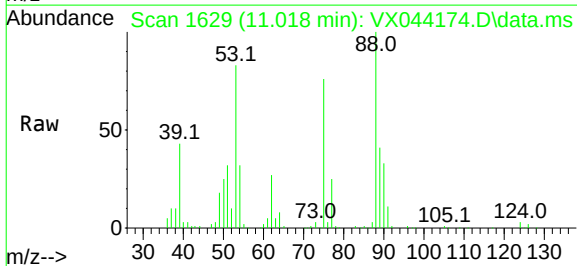
#81
trans-1,4-Dichloro-2-butene
Concen: 54.171 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 42472
Ion Ratio Lower Upper
75 100
53 114.4 86.7 130.1
89 50.5 38.2 57.2

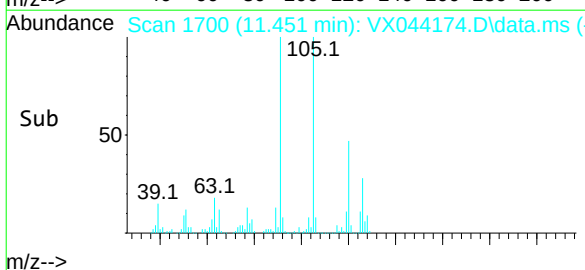
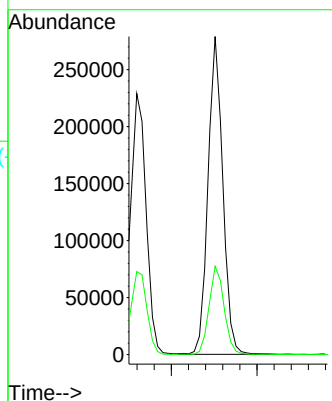
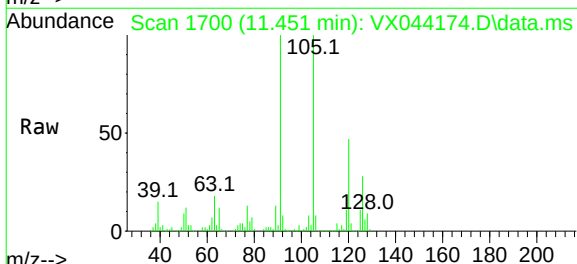
Manual Integrations
APPROVED

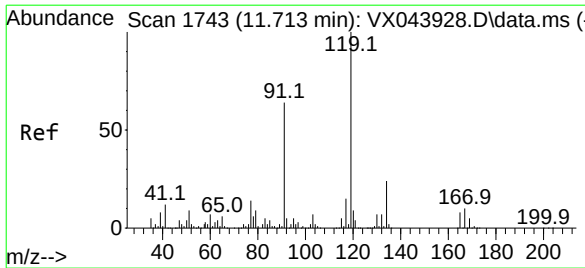
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#82
4-Chlorotoluene
Concen: 55.701 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion: 91 Resp: 333051
Ion Ratio Lower Upper
91 100
126 28.7 14.3 42.9





#83

tert-Butylbenzene

Concen: 57.848 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

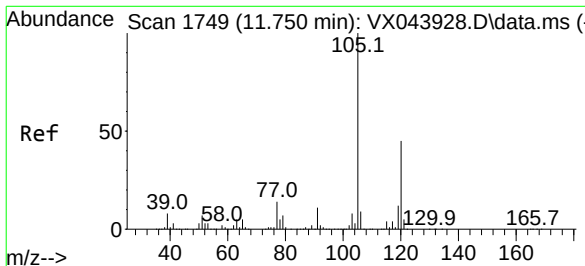
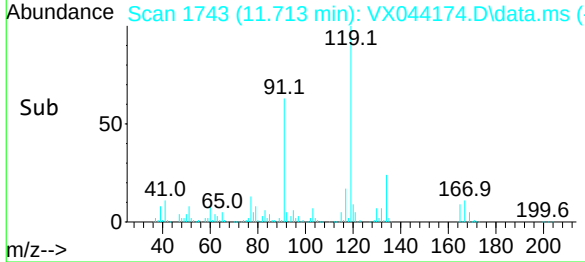
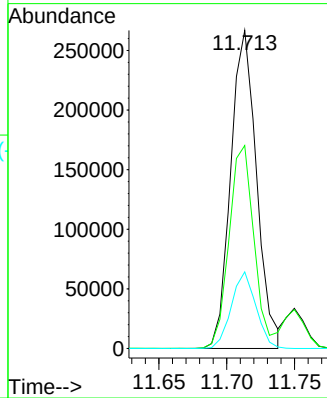
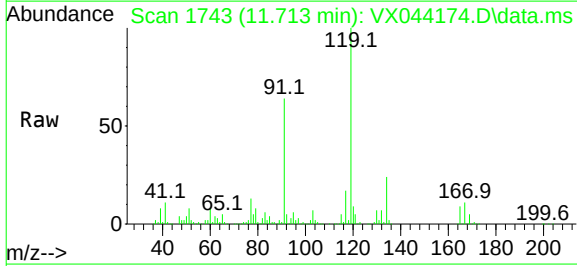
Tgt Ion:	119	Resp:	353753
Ion	Ratio	Lower	Upper
119	100		
91	60.8	31.0	93.0
134	22.9	11.6	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#84

1,2,4-Trimethylbenzene

Concen: 57.161 ug/l

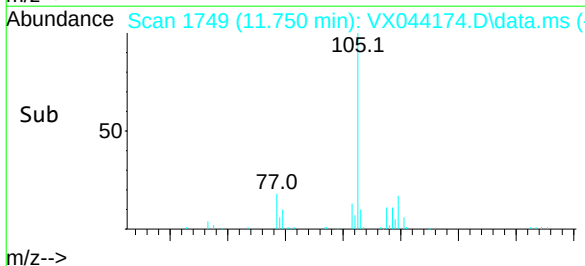
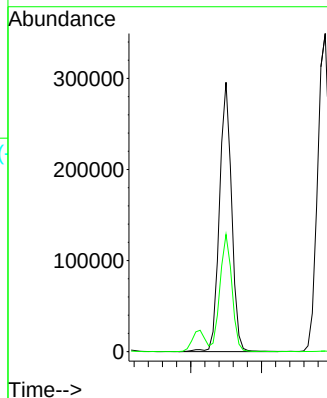
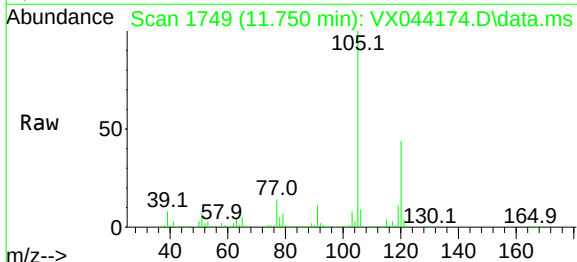
RT: 11.750 min Scan# 1749

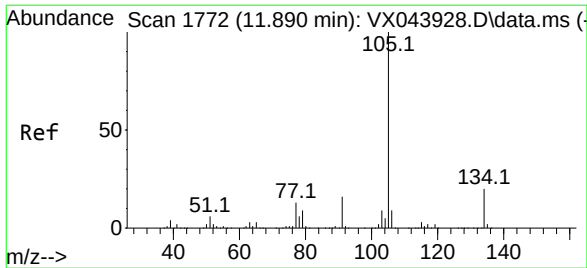
Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Tgt Ion:	105	Resp:	351113
Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.9	65.7





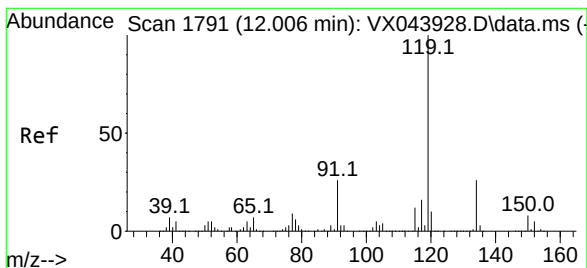
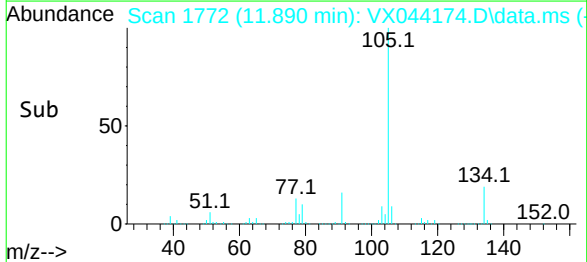
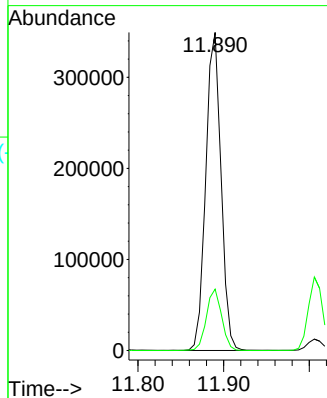
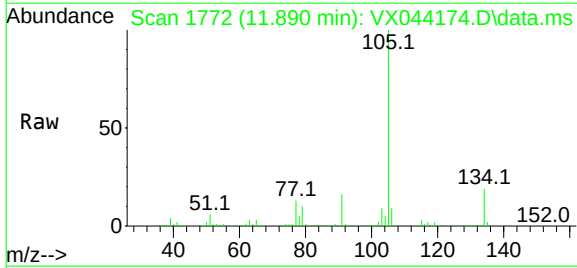
#85
 sec-Butylbenzene
 Concen: 57.559 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX044174.D
 Acq: 09 Dec 2024 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 431266
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1

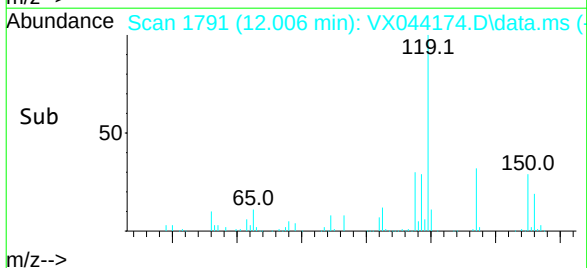
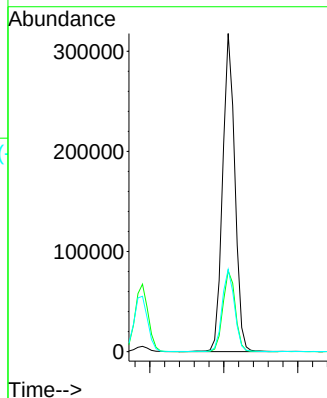
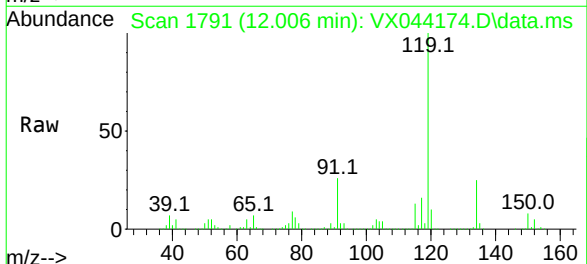
Manual Integrations
 APPROVED

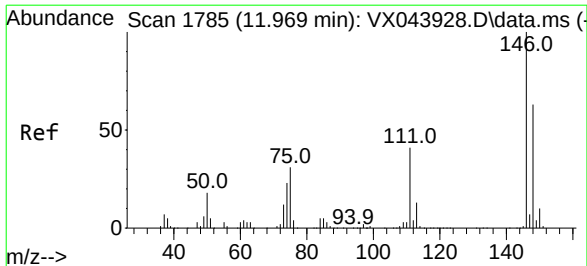
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#86
 p-Isopropyltoluene
 Concen: 59.908 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX044174.D
 Acq: 09 Dec 2024 09:42

Tgt Ion:119 Resp: 364608
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 26.2 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 54.794 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

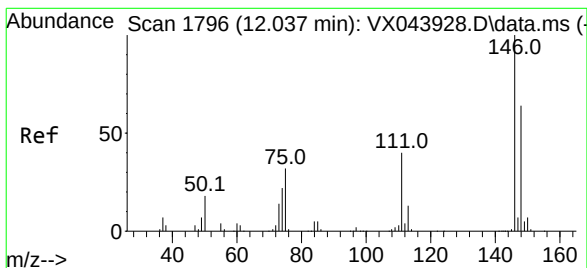
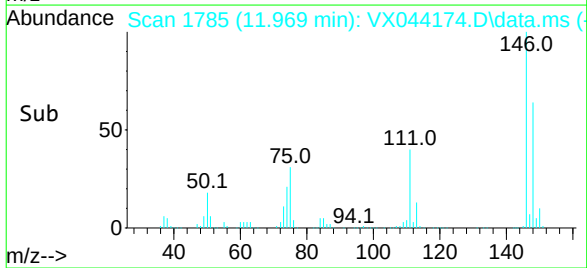
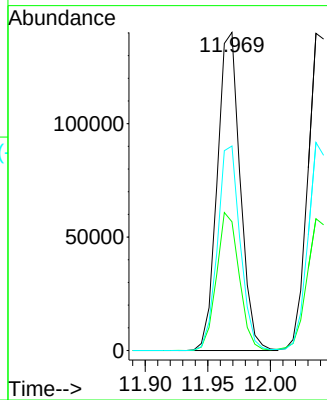
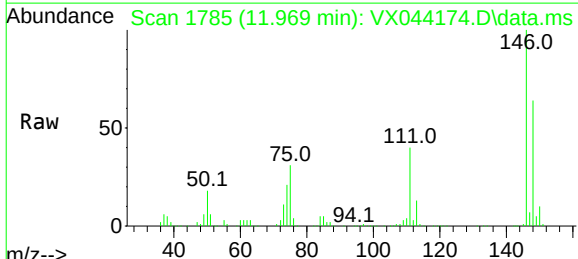
Tgt Ion:	146	Resp:	178533
Ion Ratio	Lower	Upper	
146	100		
111	42.8	21.1	63.3
148	63.6	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#88

1,4-Dichlorobenzene

Concen: 54.031 ug/l

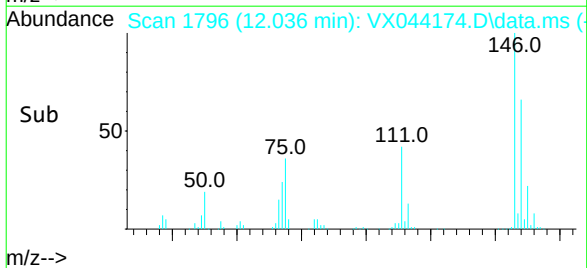
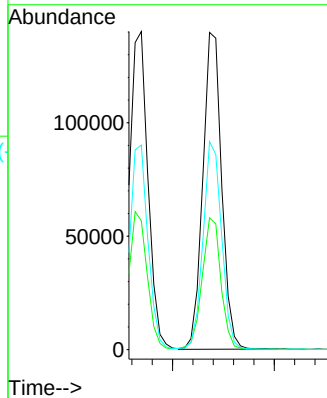
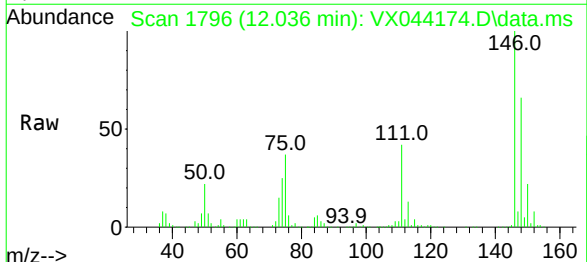
RT: 12.036 min Scan# 1796

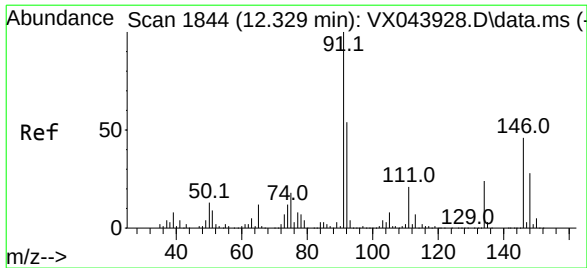
Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Tgt Ion:	146	Resp:	179485
Ion Ratio	Lower	Upper	
146	100		
111	41.3	20.1	60.3
148	64.8	30.9	92.8





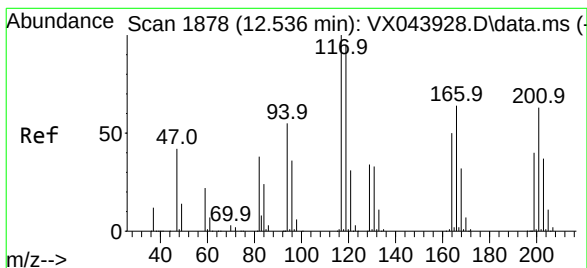
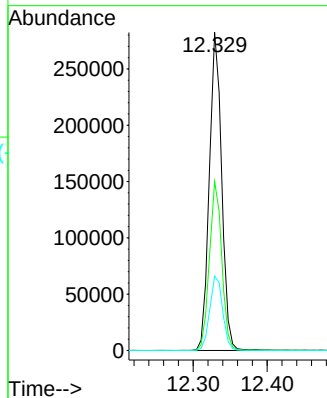
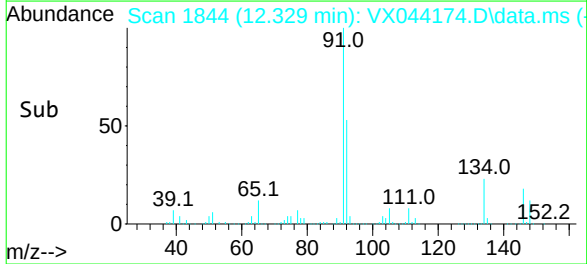
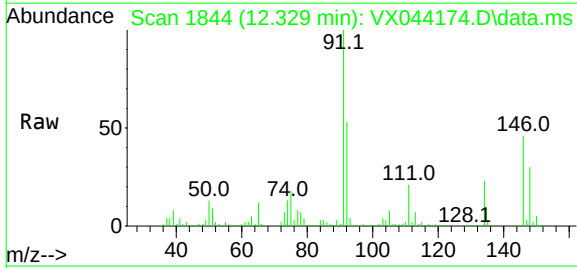
#89
n-Butylbenzene
Concen: 61.157 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 328165
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.8
134 24.4 12.4 37.2

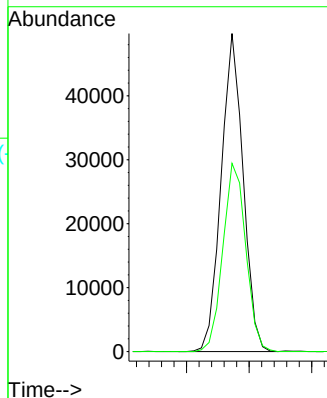
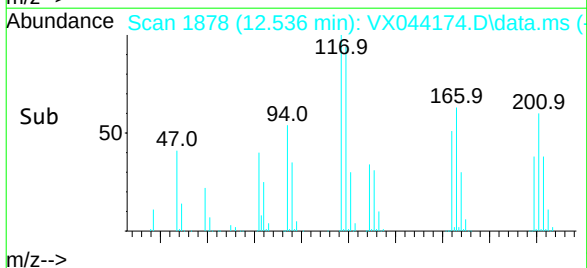
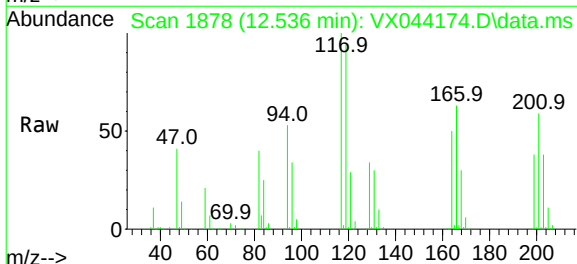
Manual Integrations
APPROVED

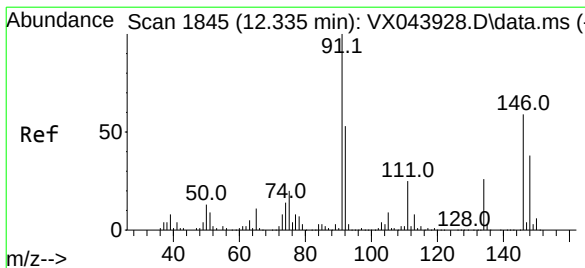
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#90
Hexachloroethane
Concen: 58.597 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

Tgt Ion:117 Resp: 60642
Ion Ratio Lower Upper
117 100
201 61.8 32.4 97.0





#91

1,2-Dichlorobenzene

Concen: 55.006 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 146 Resp: 180867

Ion Ratio Lower Upper

146 100

111 43.6 21.5 64.5

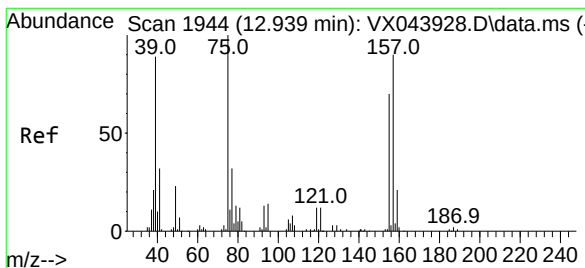
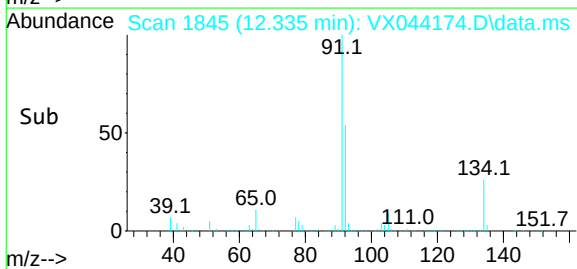
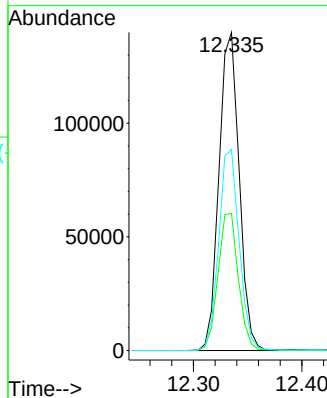
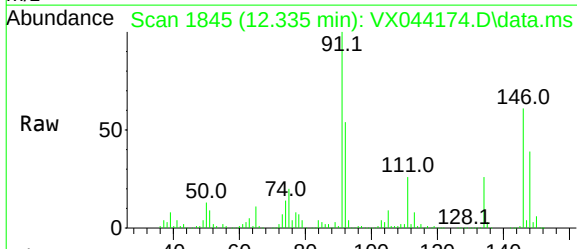
148 64.2 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.476 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

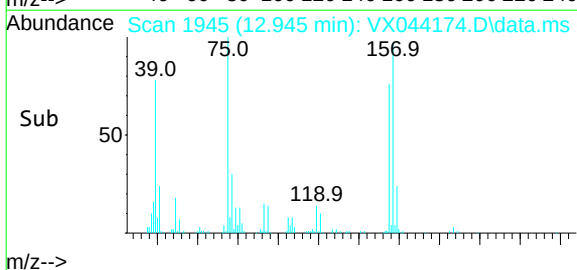
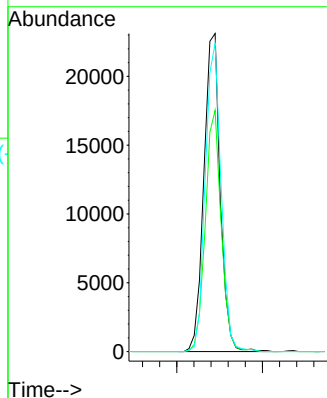
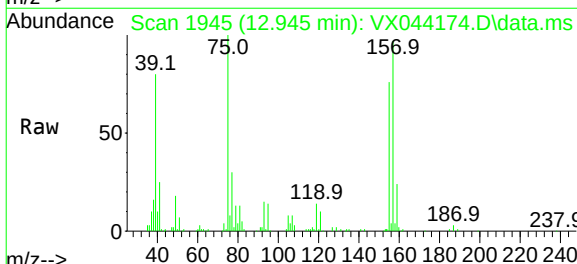
Tgt Ion: 75 Resp: 30602

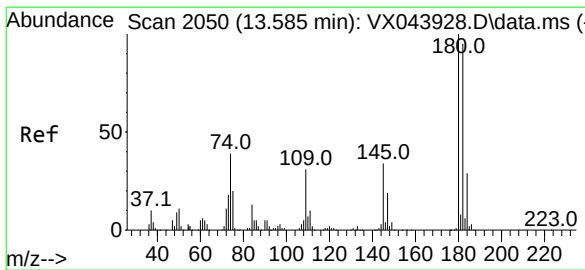
Ion Ratio Lower Upper

75 100

155 73.8 40.1 120.2

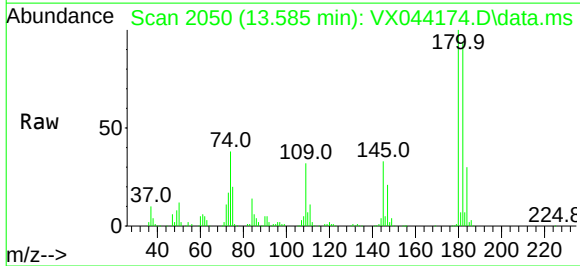
157 93.9 49.6 149.0





#93
1,2,4-Trichlorobenzene
Concen: 55.987 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42

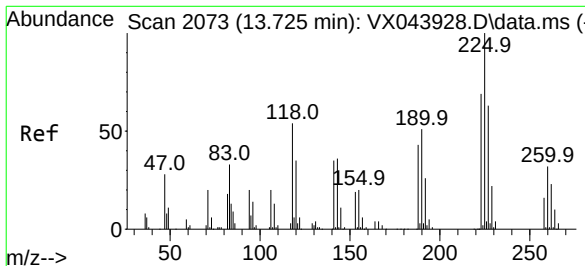
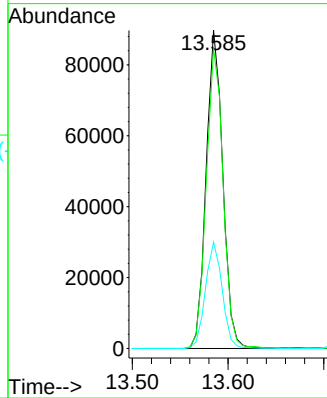
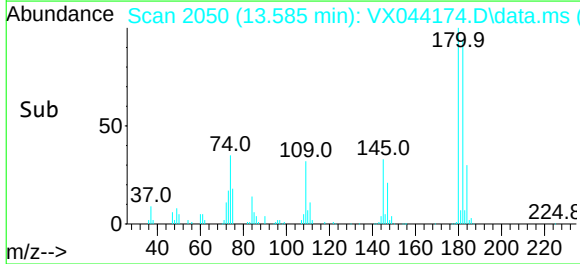
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



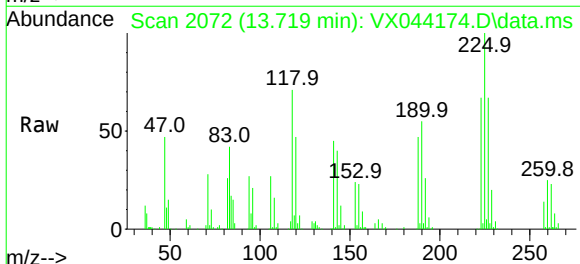
Tgt Ion:180 Resp: 108534
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.2
145 33.8 16.8 50.4

Manual Integrations
APPROVED

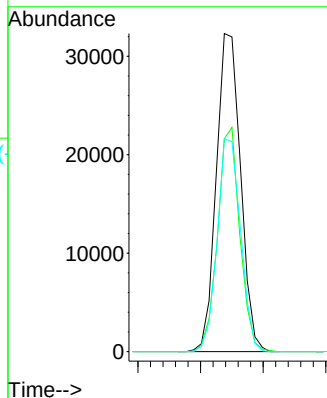
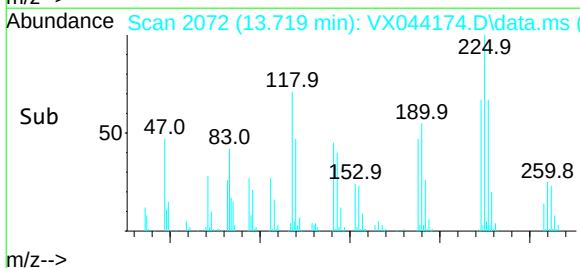
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

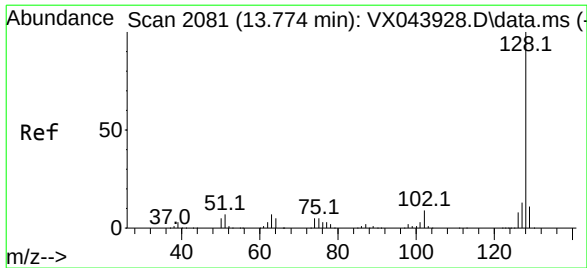


#94
Hexachlorobutadiene
Concen: 56.671 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX044174.D
Acq: 09 Dec 2024 09:42



Tgt Ion:225 Resp: 43419
Ion Ratio Lower Upper
225 100
223 64.8 32.9 98.6
227 64.7 31.6 94.8





#95

Naphthalene

Concen: 58.075 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

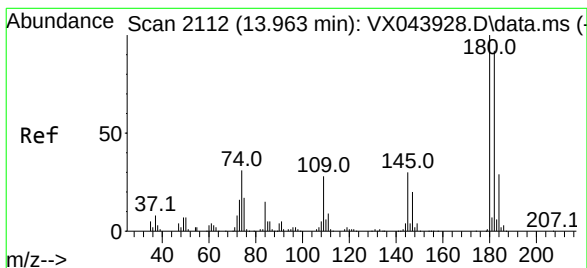
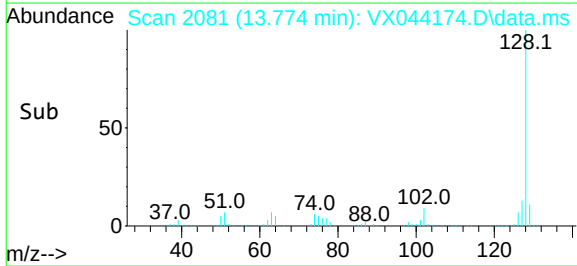
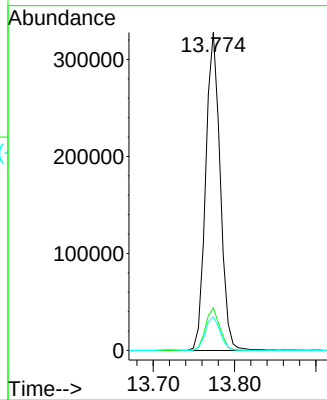
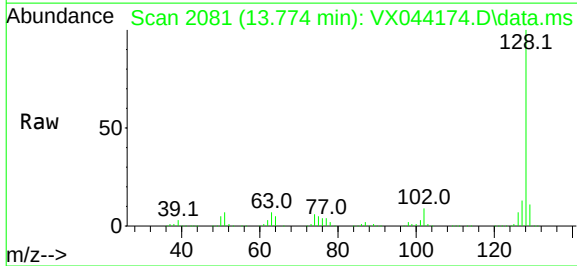
Tgt Ion:	128	Resp:	405265
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	10.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#96

1,2,3-Trichlorobenzene

Concen: 56.138 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044174.D

Acq: 09 Dec 2024 09:42

Tgt Ion:	180	Resp:	110149
Ion	Ratio	Lower	Upper
180	100		
182	94.8	45.6	136.8
145	35.4	16.4	49.4

