

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044238.D
 Acq On : 11 Dec 2024 19:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 04:55:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	132705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	240331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100060	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115553	49.663	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.320%
35) Dibromofluoromethane	5.379	113	84801	50.947	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.900%
50) Toluene-d8	8.647	98	290464	51.725	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.440%
62) 4-Bromofluorobenzene	11.079	95	104597	53.305	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	98659	48.080	ug/l	98
3) Chloromethane	1.294	50	94952	48.390	ug/l	100
4) Vinyl Chloride	1.374	62	99869	48.853	ug/l	99
5) Bromomethane	1.593	94	67699	46.680	ug/l	94
6) Chloroethane	1.666	64	70047	55.028	ug/l	99
7) Trichlorofluoromethane	1.867	101	196352	49.063	ug/l	98
8) Diethyl Ether	2.136	74	64477	47.199	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	76497	47.237	ug/l	99
10) Methyl Iodide	2.441	142	103998	48.726	ug/l	99
11) Tert butyl alcohol	2.995	59	77333	235.827	ug/l	100
12) 1,1-Dichloroethene	2.306	96	73496	49.410	ug/l	95
13) Acrolein	2.239	56	109758	231.225	ug/l	99
14) Allyl chloride	2.654	41	125493	50.652	ug/l	99
15) Acrylonitrile	3.068	53	226062	248.868	ug/l	99
16) Acetone	2.386	43	217909	229.721	ug/l	98
17) Carbon Disulfide	2.502	76	141603	50.081	ug/l	99
18) Methyl Acetate	2.703	43	120659	49.333	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	287081	49.458	ug/l	98
20) Methylene Chloride	2.782	84	87298	48.998	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	79106	50.040	ug/l	94
22) Diisopropyl ether	3.763	45	275015	49.294	ug/l	97
23) Vinyl Acetate	3.721	43	1196335	263.756	ug/l	99
24) 1,1-Dichloroethane	3.605	63	155458	49.989	ug/l	99
25) 2-Butanone	4.562	43	333761	247.497	ug/l	100
26) 2,2-Dichloropropane	4.471	77	120679	47.766	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	98833	49.227	ug/l	96
28) Bromochloromethane	4.897	49	71730	47.037	ug/l	97
29) Tetrahydrofuran	5.007	42	213304	246.427	ug/l	98
30) Chloroform	5.086	83	170111	48.686	ug/l	100
31) Cyclohexane	5.464	56	120958	48.166	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	146489	50.507	ug/l	99
36) 1,1-Dichloropropene	5.684	75	107388	49.911	ug/l	98
37) Ethyl Acetate	4.721	43	136931	51.484	ug/l	99
38) Carbon Tetrachloride	5.672	117	116600	50.336	ug/l	99
39) Methylcyclohexane	7.373	83	128333	49.893	ug/l	99
40) Benzene	6.031	78	328638	50.307	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	70194	49.702	ug/l	97
42) 1,2-Dichloroethane	6.080	62	136153	50.595	ug/l	100
43) Isopropyl Acetate	6.342	43	213686	51.404	ug/l	100
44) Trichloroethene	7.123	130	78914	48.441	ug/l	98
45) 1,2-Dichloropropane	7.427	63	81204	48.655	ug/l	96
46) Dibromomethane	7.580	93	65596	50.661	ug/l	100
47) Bromodichloromethane	7.818	83	118093	52.810	ug/l	98
48) Methyl methacrylate	7.690	41	102002	50.548	ug/l	98
49) 1,4-Dioxane	7.665	88	26533	793.063	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	680603	254.635	ug/l	100
52) Toluene	8.714	92	203456	49.595	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	117827	49.148	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	128585	52.811	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	83551	51.267	ug/l	98
56) Ethyl methacrylate	9.116	69	136393	53.013	ug/l	97
57) 1,3-Dichloropropane	9.305	76	143157	50.466	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	334565	257.822	ug/l	99
59) 2-Hexanone	9.433	43	507668	262.404	ug/l	100
60) Dibromochloromethane	9.519	129	84143	48.834	ug/l	99
61) 1,2-Dibromoethane	9.610	107	88222	53.181	ug/l	95
64) Tetrachloroethene	9.269	164	66745	48.303	ug/l	92
65) Chlorobenzene	10.079	112	226567	50.787	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	75809	52.875	ug/l	99
67) Ethyl Benzene	10.189	91	393350	51.031	ug/l	100
68) m/p-Xylenes	10.299	106	294306	104.054	ug/l	98
69) o-Xylene	10.640	106	143314	50.079	ug/l	100
70) Styrene	10.653	104	243987	53.183	ug/l	98
71) Bromoform	10.799	173	50133	50.038	ug/l #	98
73) Isopropylbenzene	10.963	105	374918	48.945	ug/l	100
74) N-amyl acetate	10.841	43	180809	51.074	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	127605	47.962	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	106422m	47.635	ug/l	
77) Bromobenzene	11.195	156	89233	48.039	ug/l	99
78) n-propylbenzene	11.305	91	422140	49.861	ug/l	98
79) 2-Chlorotoluene	11.366	91	260441	47.566	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	313078	49.286	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34465	44.852	ug/l	99
82) 4-Chlorotoluene	11.451	91	296046	48.826	ug/l	100
83) tert-Butylbenzene	11.713	119	309021	49.224	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	313779	50.297	ug/l	100
85) sec-Butylbenzene	11.890	105	374108	49.088	ug/l	99
86) p-Isopropyltoluene	12.006	119	315922	49.805	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	158530	48.859	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	157773	47.302	ug/l	98
89) n-Butylbenzene	12.329	91	268700	50.376	ug/l	99
90) Hexachloroethane	12.536	117	47922	51.754	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	164754	48.903	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26522	51.352	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	93376	50.555	ug/l	97
94) Hexachlorobutadiene	13.725	225	34128	45.936	ug/l	97
95) Naphthalene	13.774	128	357288	49.557	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	95197	48.593	ug/l	99

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

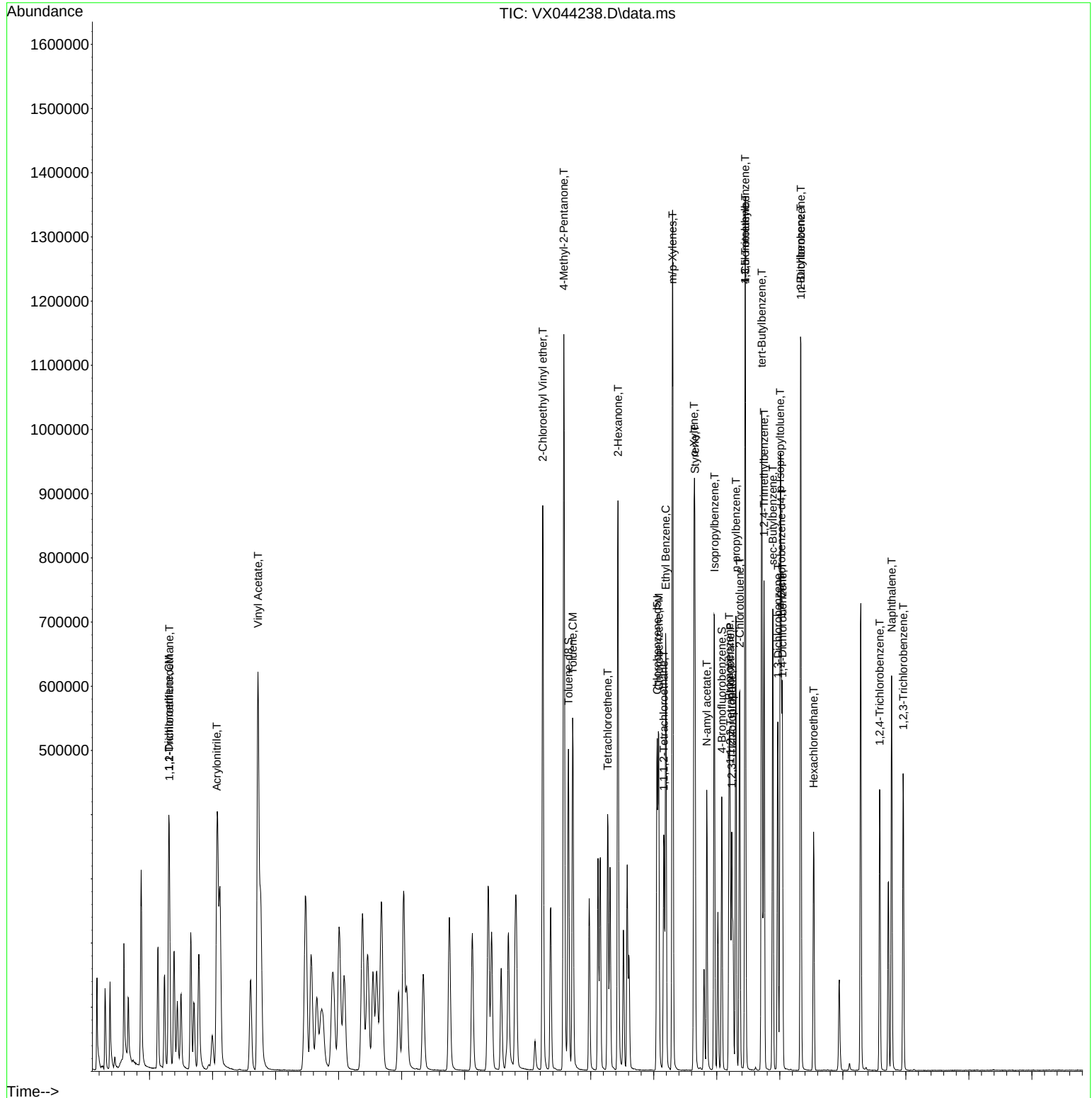
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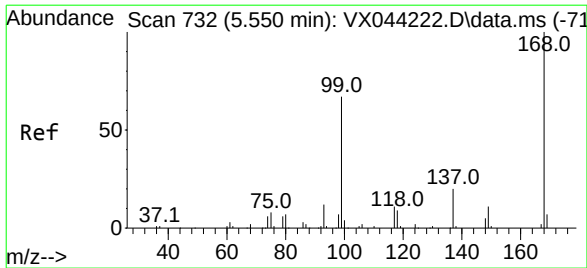
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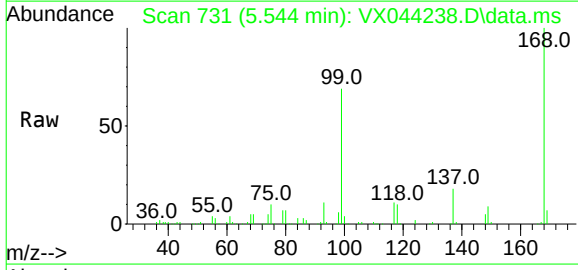
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044238.D
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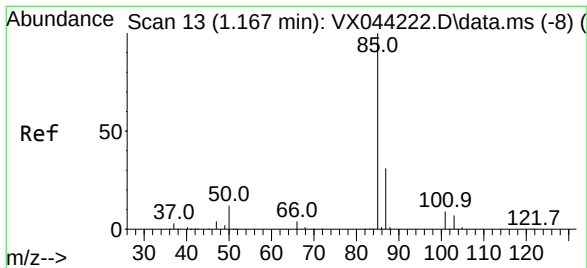
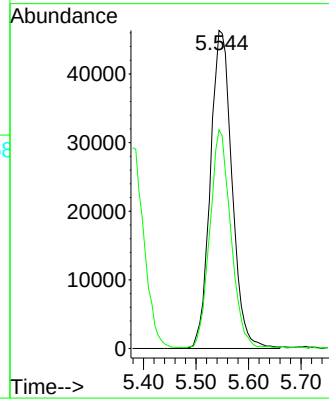
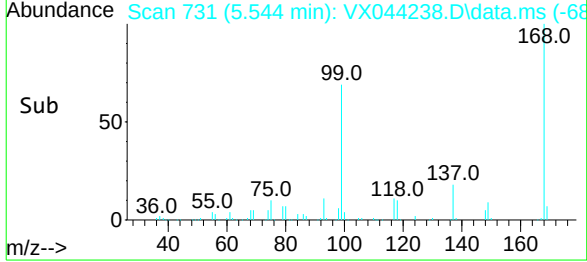
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



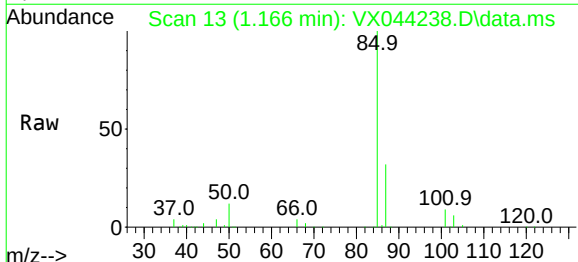
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Ion Ratio Lower Upper
168 100
99 68.4 53.4 80.0

Manual Integrations
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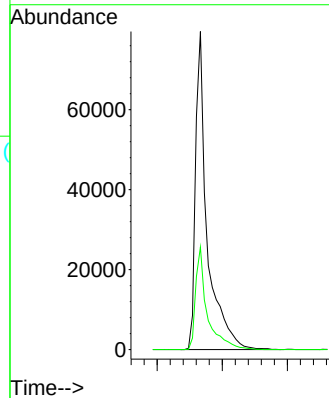
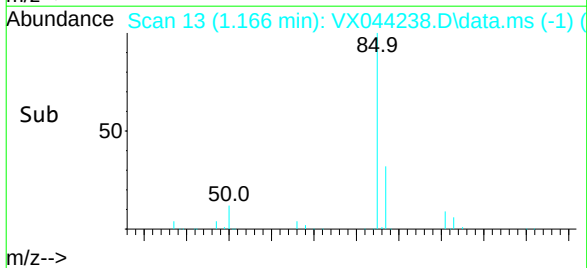
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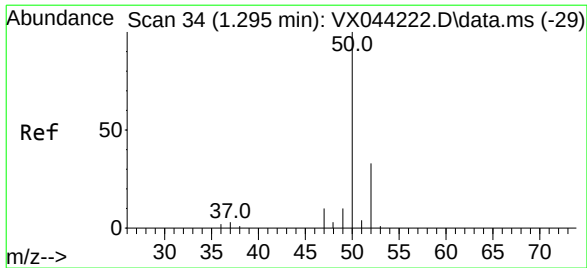


#2
Dichlorodifluoromethane
Concen: 48.080 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14



Tgt Ion: 85 Resp: 98659
Ion Ratio Lower Upper
85 100
87 32.2 15.4 46.4





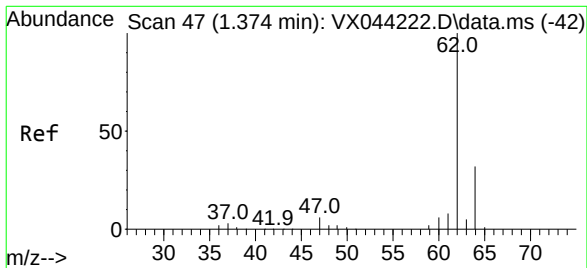
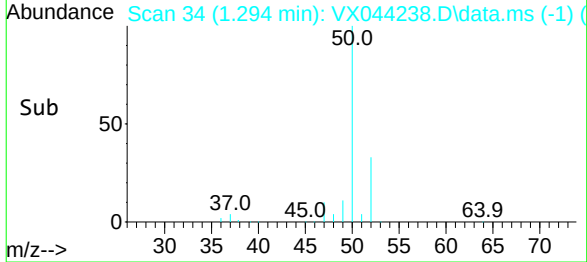
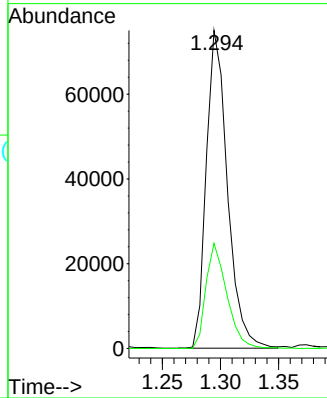
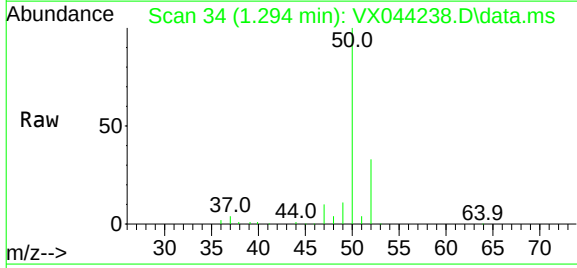
#3
Chloromethane
Concen: 48.390 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Instrument :
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Tgt Ion: 50 Resp: 94952
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

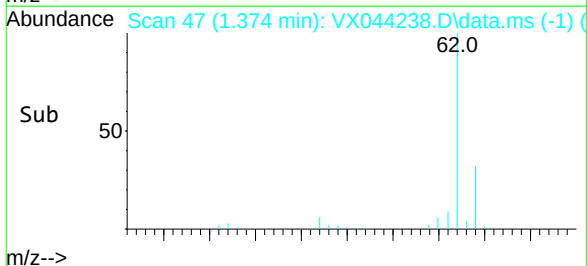
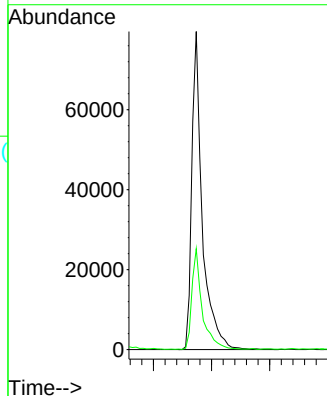
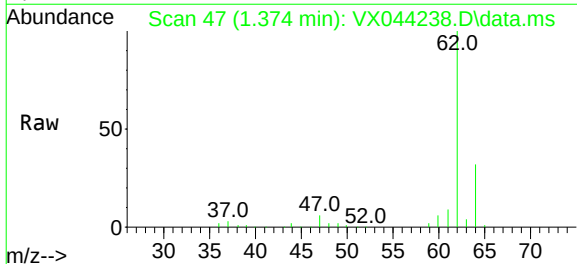
Manual Integrations
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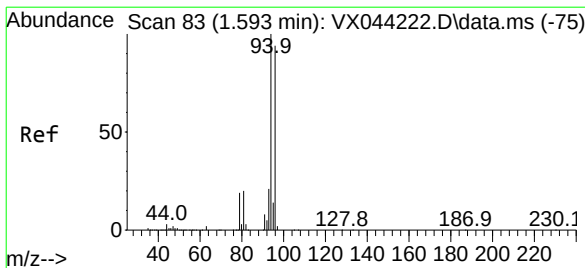
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#4
Vinyl Chloride
Concen: 48.853 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 62 Resp: 99869
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5





#5

Bromomethane

Concen: 46.680 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 67699

Ion Ratio Lower Upper

94 100

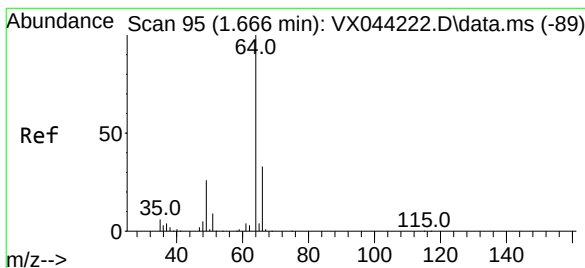
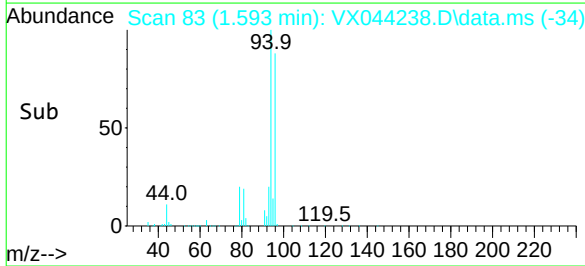
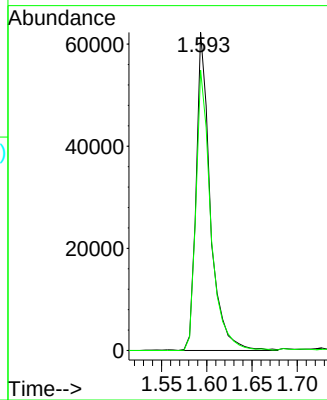
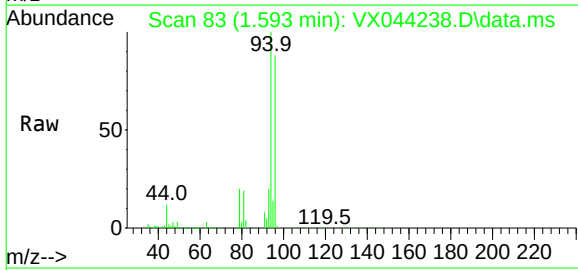
96 88.2 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 55.028 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX044238.D

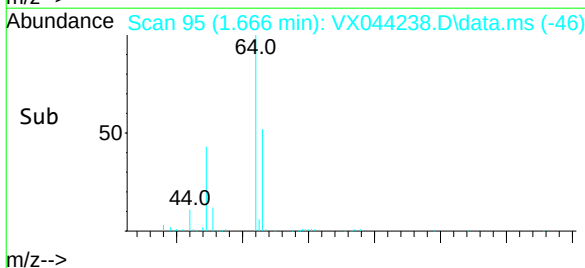
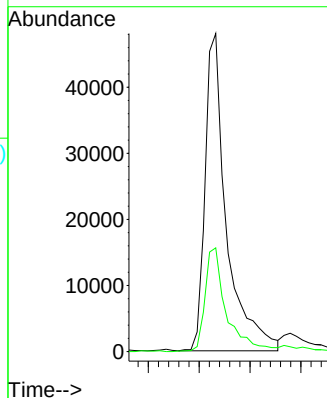
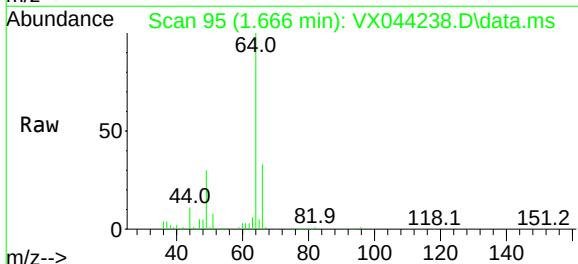
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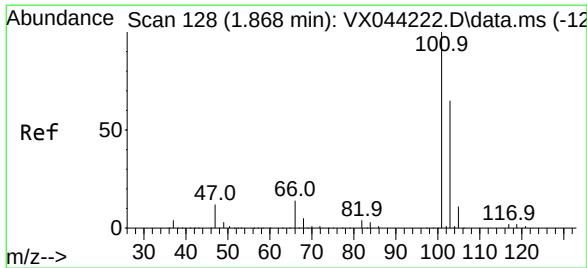
Tgt Ion: 64 Resp: 70047

Ion Ratio Lower Upper

64 100

66 32.5 26.6 39.8





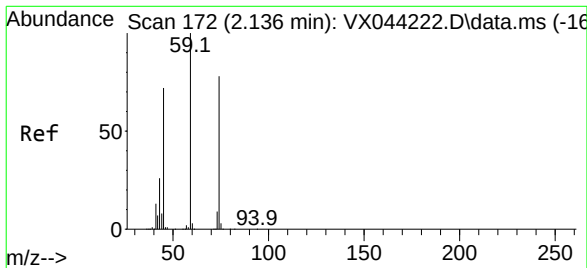
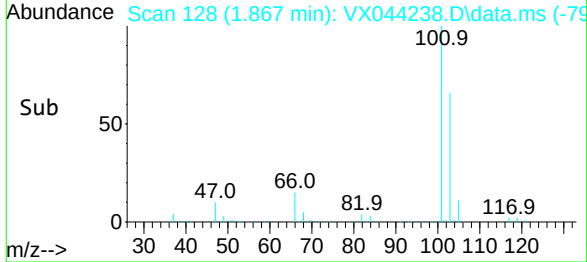
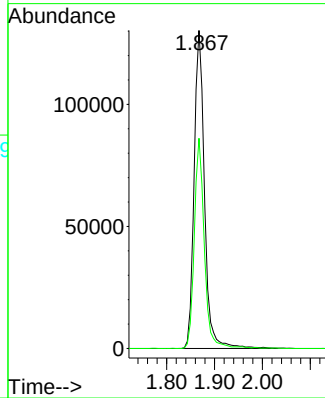
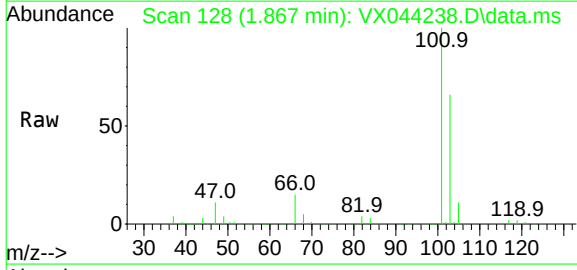
#7
Trichlorofluoromethane
Concen: 49.063 ug/l
RT: 1.867 min Scan# 128
Delta R.T. -0.000 min
Lab File: VX044238.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 196352
Ion Ratio Lower Upper
101 100
103 66.1 51.8 77.8

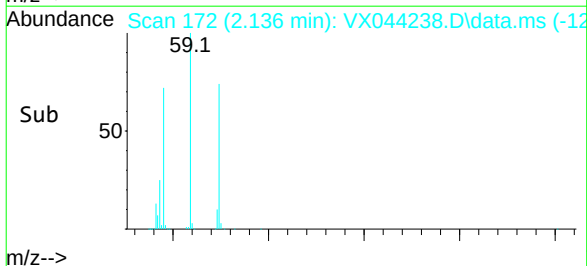
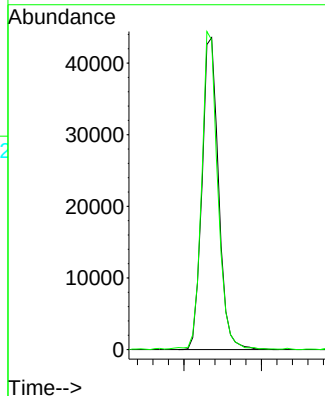
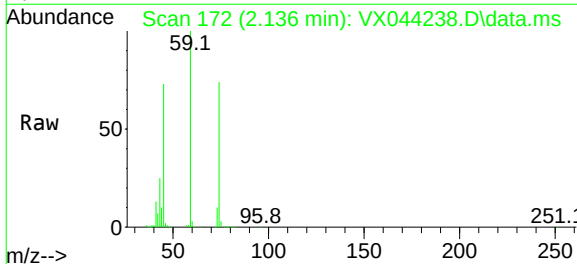
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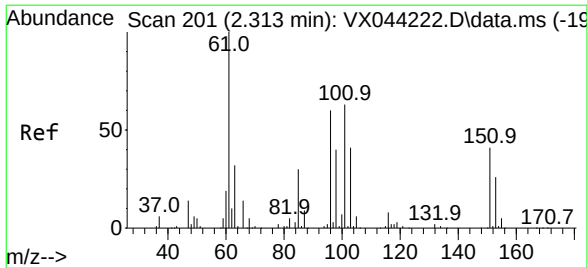
Reviewed By :John Carlone 12/12/2024
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#8
Diethyl Ether
Concen: 47.199 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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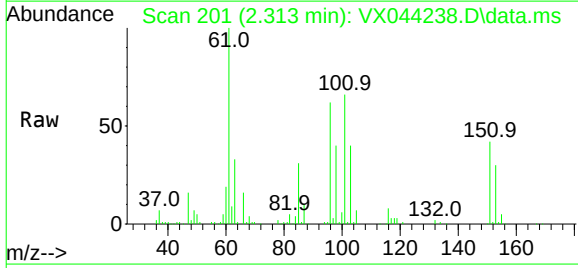
Tgt Ion: 74 Resp: 64477
Ion Ratio Lower Upper
74 100
45 98.7 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.237 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

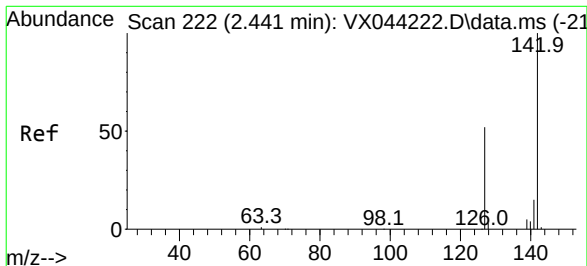
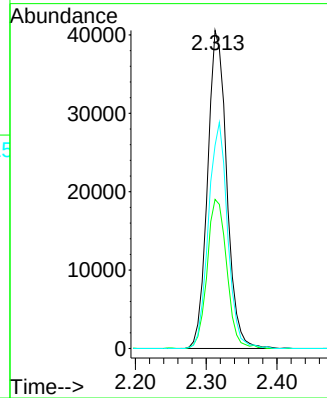
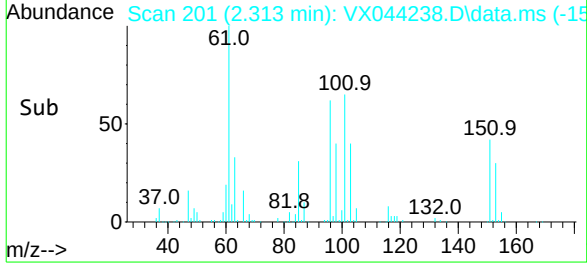
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 76497
Ion Ratio Lower Upper
101 100
85 48.0 38.5 57.7
151 70.9 55.8 83.6

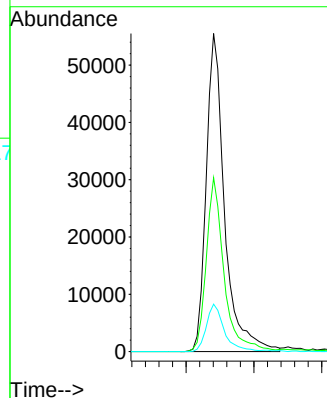
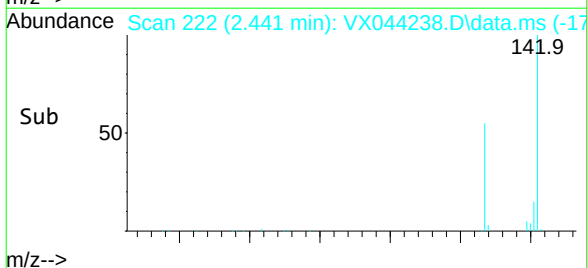
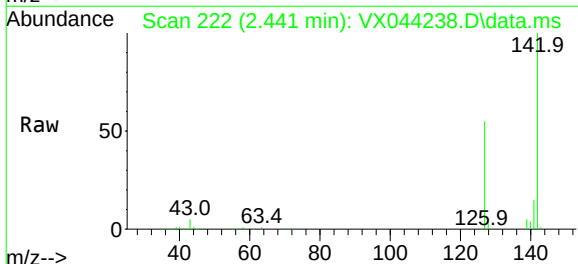
Manual Integrations
APPROVED

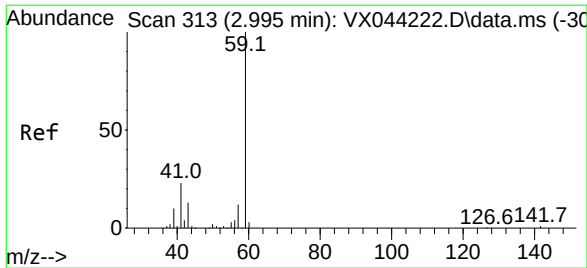
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#10
Methyl Iodide
Concen: 48.726 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

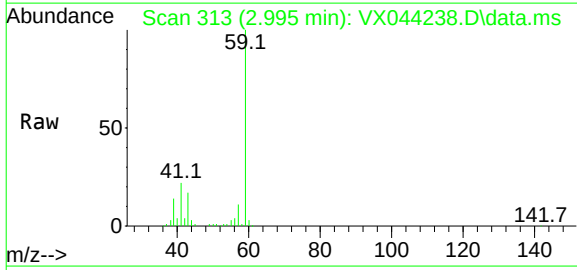
Tgt Ion:142 Resp: 103998
Ion Ratio Lower Upper
142 100
127 52.9 41.8 62.8
141 14.5 11.5 17.3





#11
Tert butyl alcohol
Concen: 235.827 ug/l
RT: 2.995 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

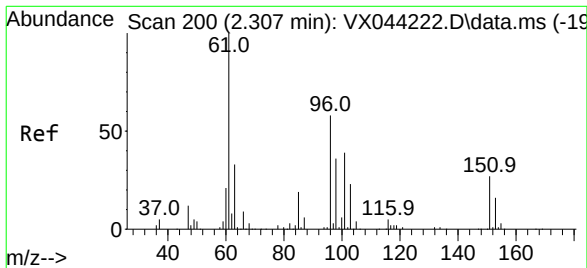
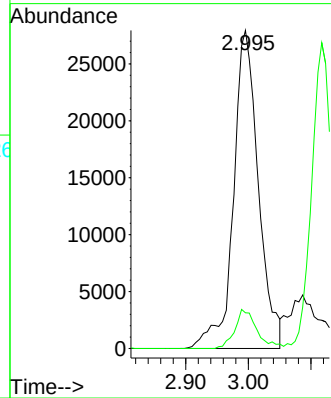
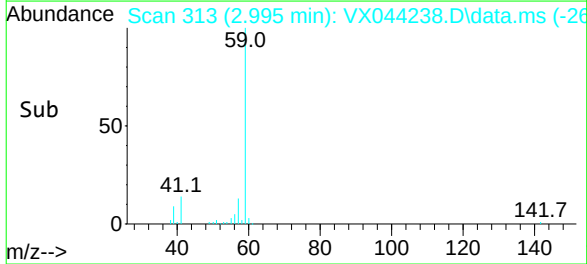
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 77333
Ion Ratio Lower Upper
59 100
57 10.8 8.8 13.2

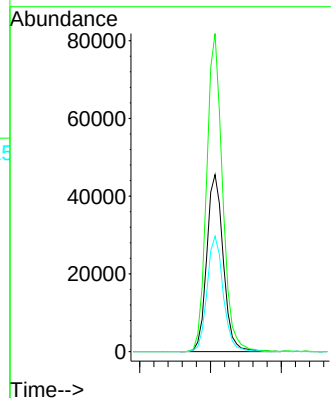
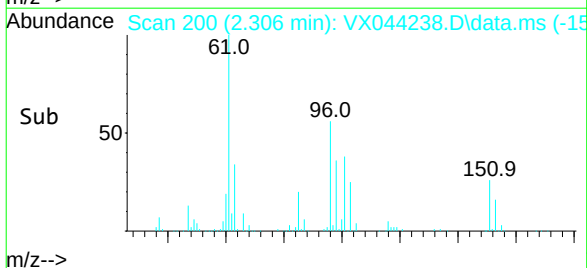
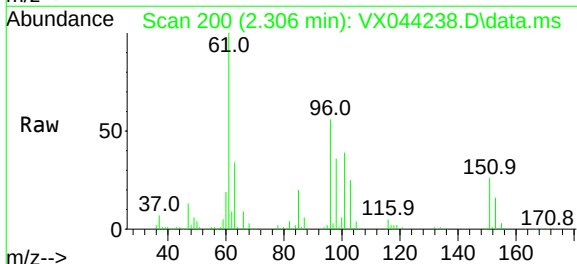
Manual Integrations
APPROVED

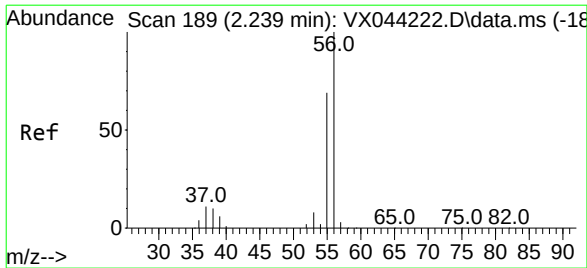
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#12
1,1-Dichloroethene
Concen: 49.410 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

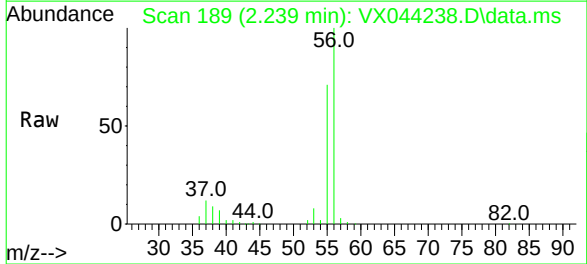
Tgt Ion: 96 Resp: 73496
Ion Ratio Lower Upper
96 100
61 179.7 138.0 207.0
98 65.2 50.0 75.0





#13
Acrolein
Concen: 231.225 ug/l
RT: 2.239 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

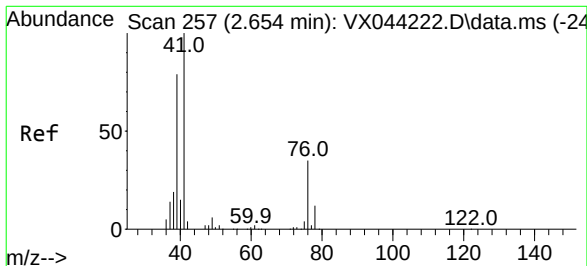
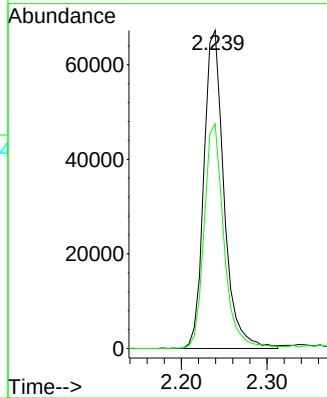
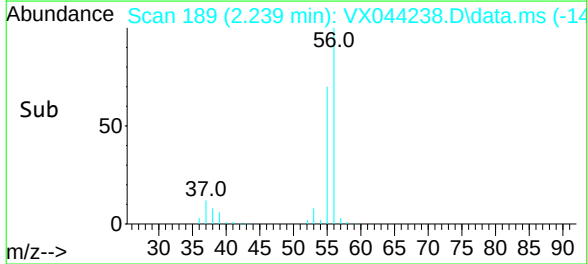
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 109758
Ion Ratio Lower Upper
56 100
55 69.7 56.6 84.8

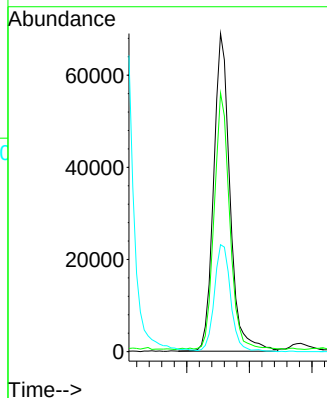
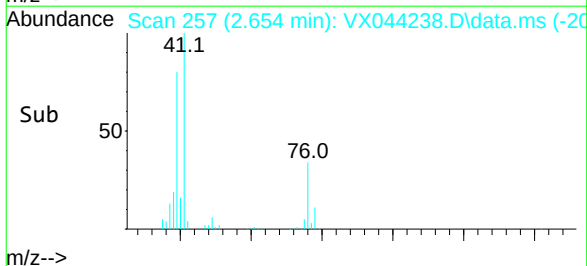
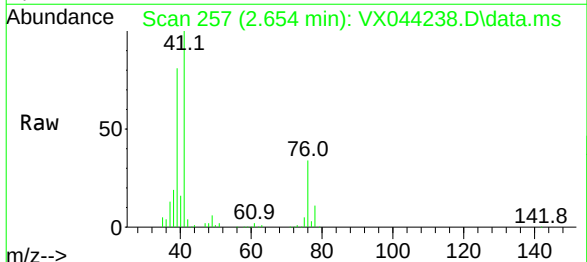
Manual Integrations
APPROVED

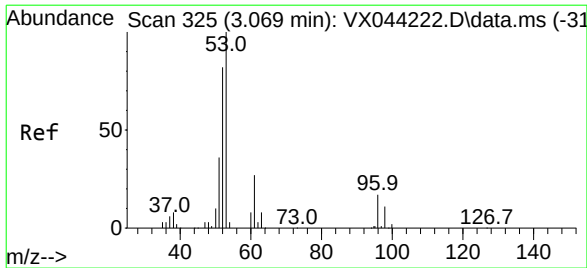
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#14
Allyl chloride
Concen: 50.652 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

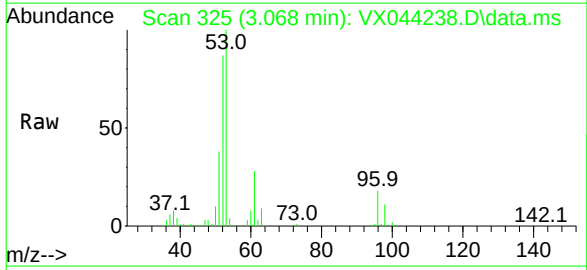
Tgt Ion: 41 Resp: 125493
Ion Ratio Lower Upper
41 100
39 76.4 61.9 92.9
76 33.6 27.4 41.2





#15
Acrylonitrile
Concen: 248.868 ug/l
RT: 3.068 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

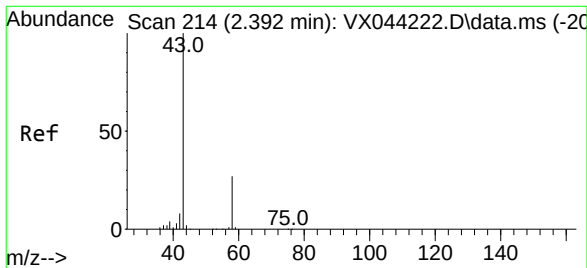
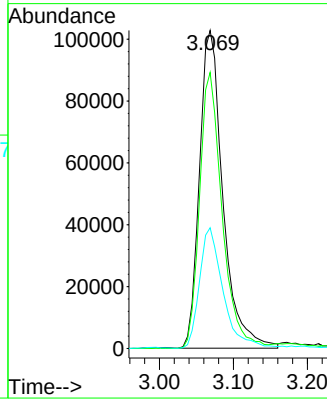
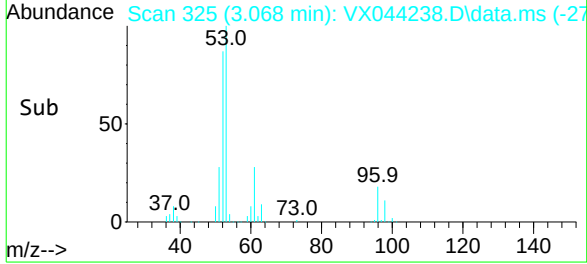
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 226062
Ion Ratio Lower Upper
53 100
52 83.5 67.4 101.0
51 38.1 30.3 45.5

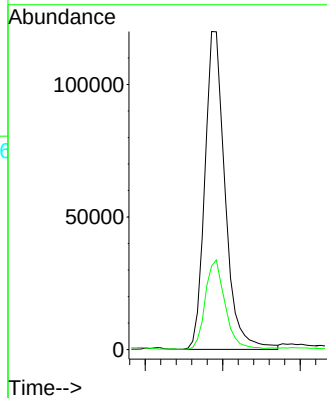
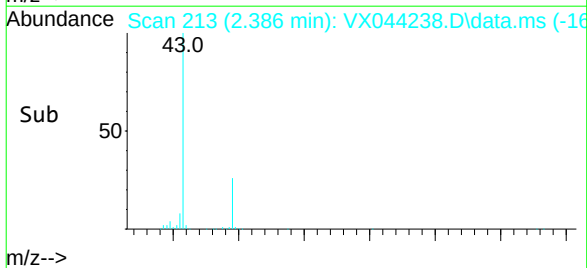
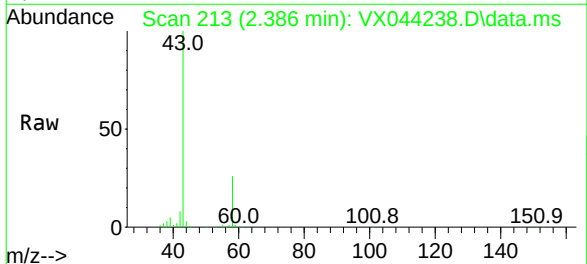
Manual Integrations
APPROVED

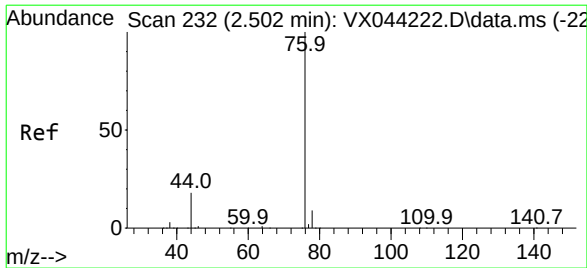
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#16
Acetone
Concen: 229.721 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 43 Resp: 217909
Ion Ratio Lower Upper
43 100
58 26.1 21.6 32.4





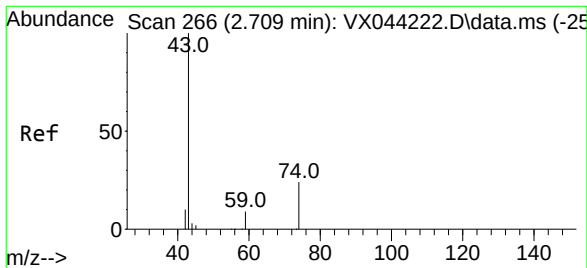
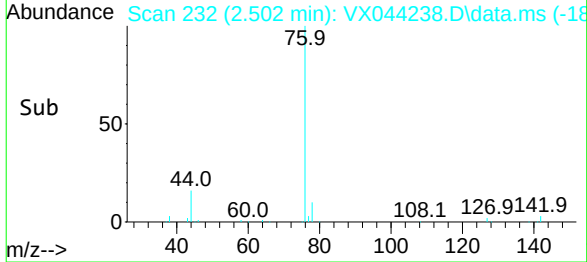
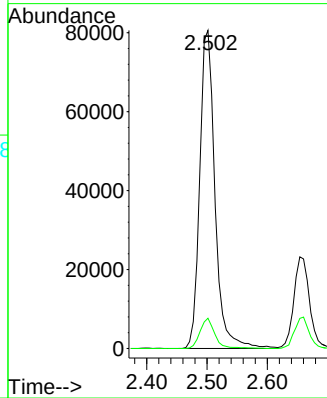
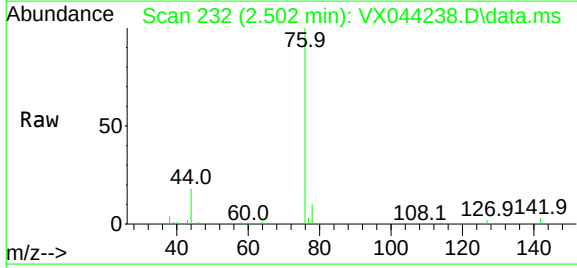
#17
Carbon Disulfide
Concen: 50.081 ug/l
RT: 2.502 min Scan# 231
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 141603
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

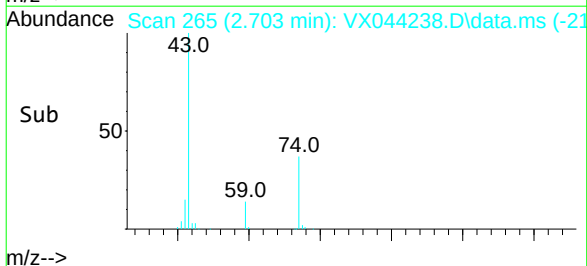
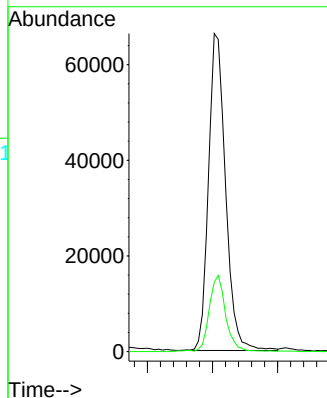
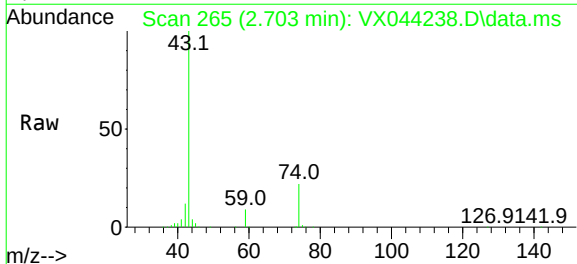
Manual Integrations
APPROVED

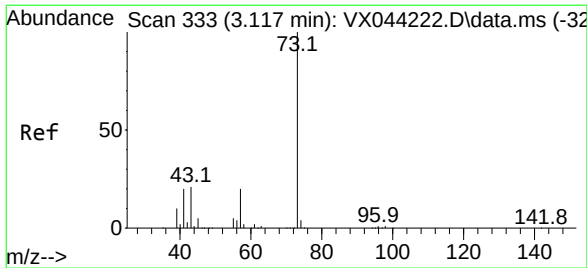
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#18
Methyl Acetate
Concen: 49.333 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 43 Resp: 120659
Ion Ratio Lower Upper
43 100
74 23.4 17.7 26.5





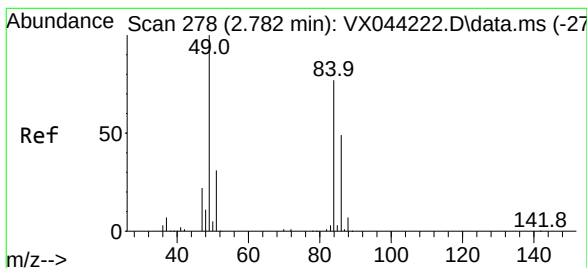
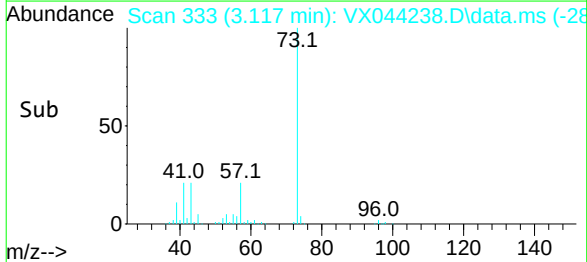
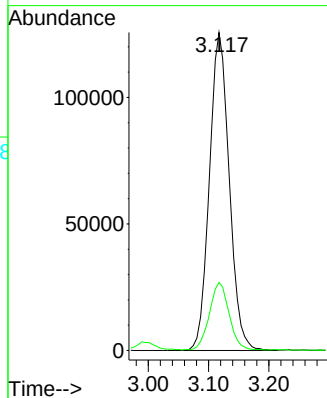
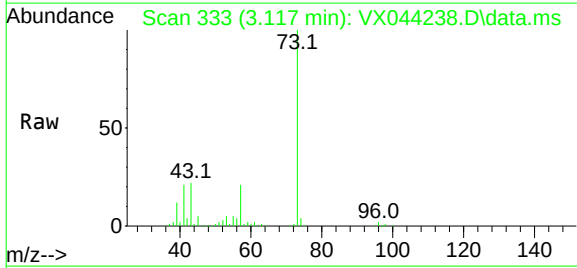
#19
Methyl tert-butyl Ether
Concen: 49.458 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 287081
Ion Ratio Lower Upper
73 100
57 21.2 16.2 24.4

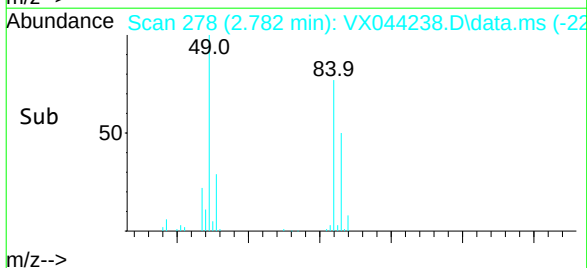
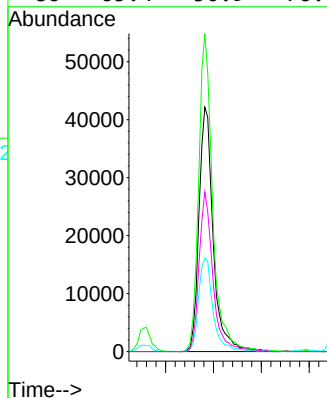
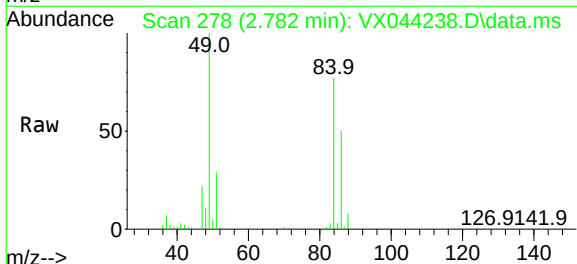
Manual Integrations
APPROVED

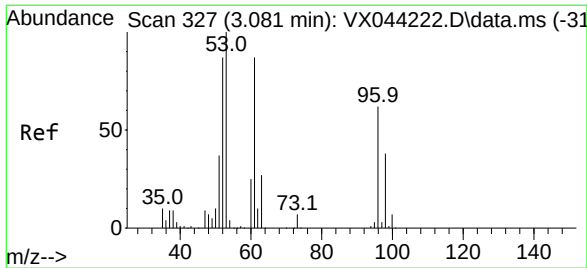
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#20
Methylene Chloride
Concen: 48.998 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

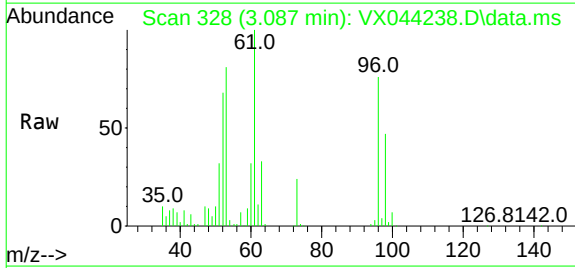
Tgt Ion: 84 Resp: 87298
Ion Ratio Lower Upper
84 100
49 130.2 104.2 156.4
51 38.4 32.2 48.4
86 65.4 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 50.040 ug/l
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

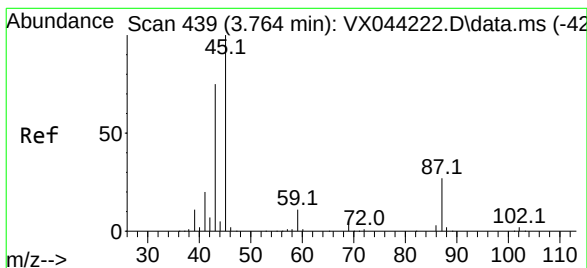
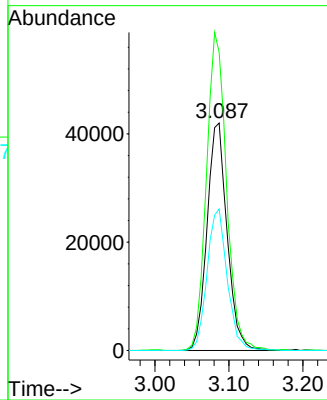
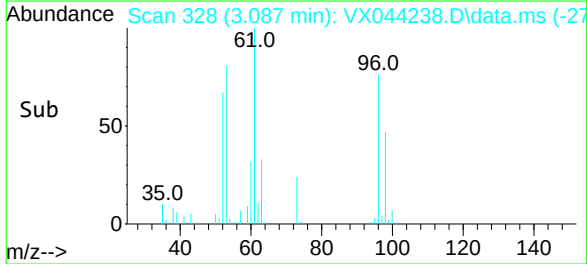
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 79106
Ion Ratio Lower Upper
96 100
61 131.1 112.0 168.0
98 62.2 48.8 73.2

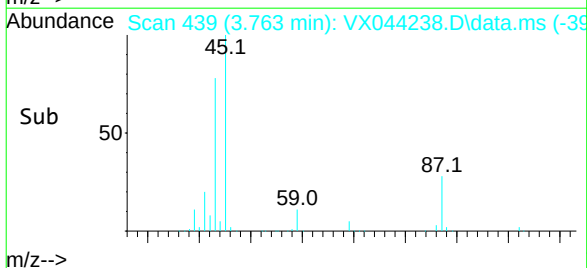
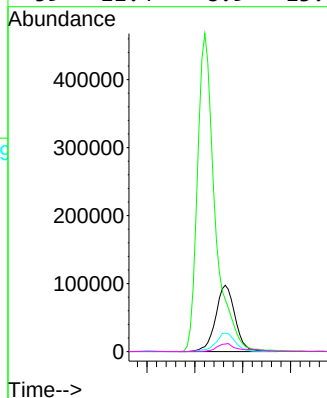
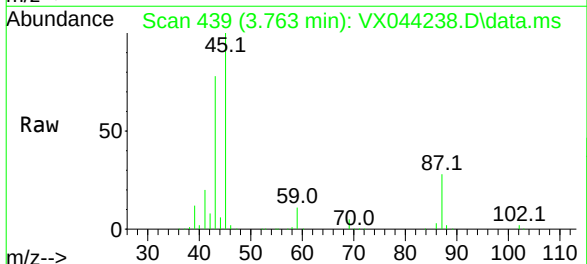
Manual Integrations
APPROVED

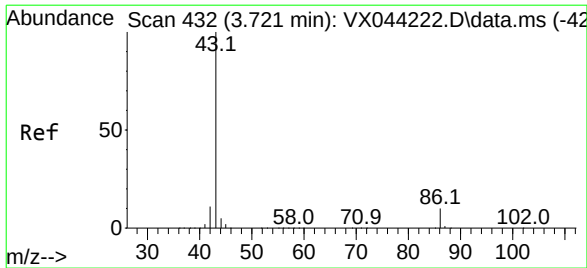
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#22
Diisopropyl ether
Concen: 49.294 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 45 Resp: 275015
Ion Ratio Lower Upper
45 100
43 78.4 60.2 90.2
87 27.7 21.2 31.8
59 11.4 8.9 13.3





#23

Vinyl Acetate

Concen: 263.756 ug/l

RT: 3.721 min Scan# 43

Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1196335

Ion Ratio Lower Upper

43 100

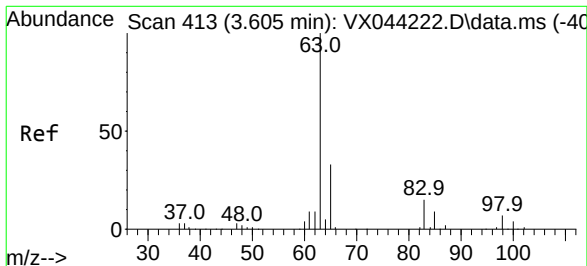
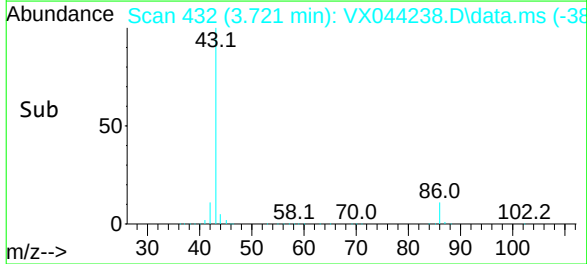
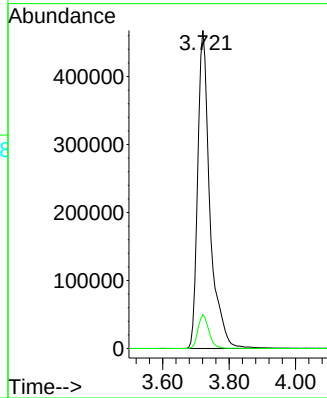
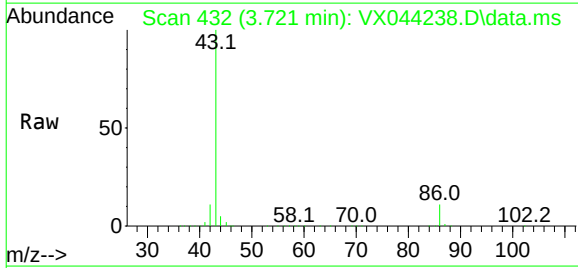
86 10.7 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#24

1,1-Dichloroethane

Concen: 49.989 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

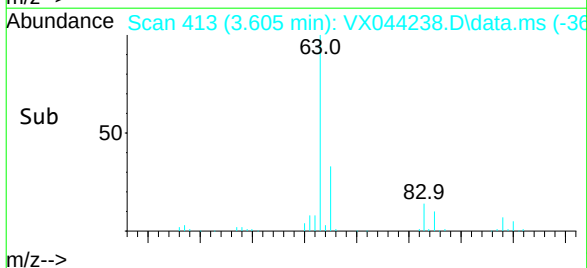
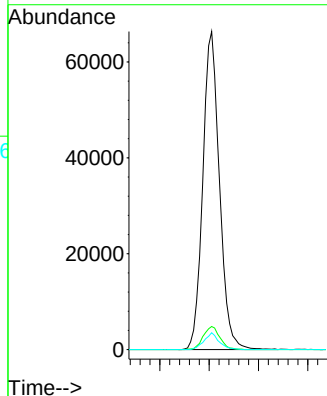
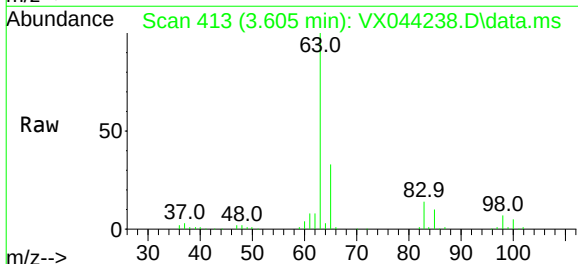
Tgt Ion: 63 Resp: 155458

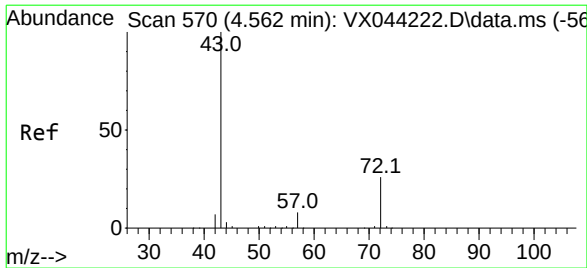
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 5.3 2.1 6.3





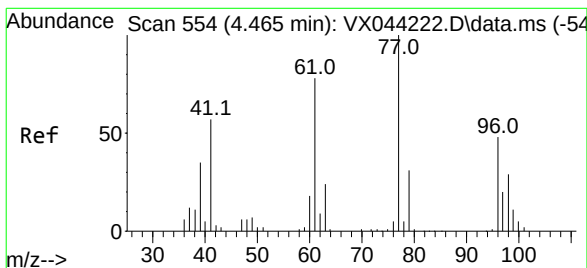
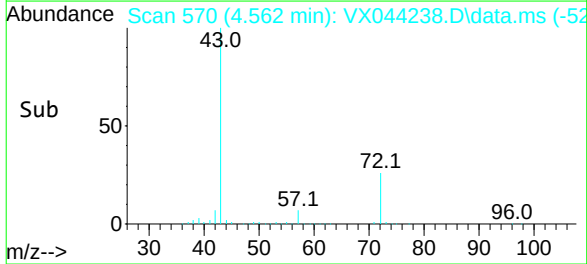
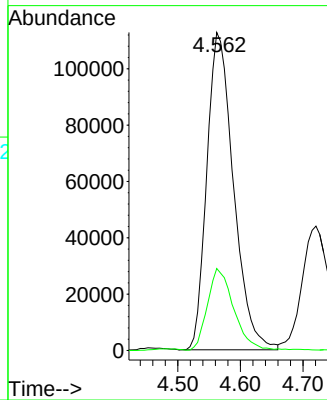
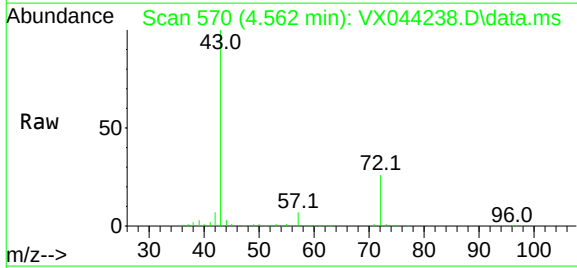
#25
2-Butanone
Concen: 247.497 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 333761
Ion Ratio Lower Upper
43 100
72 25.5 20.2 30.4

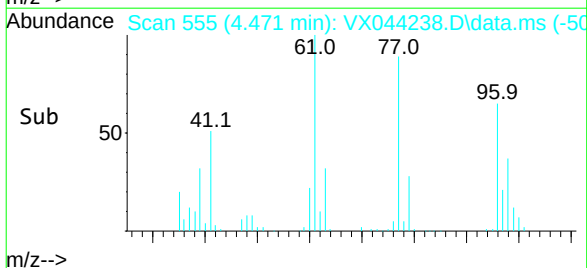
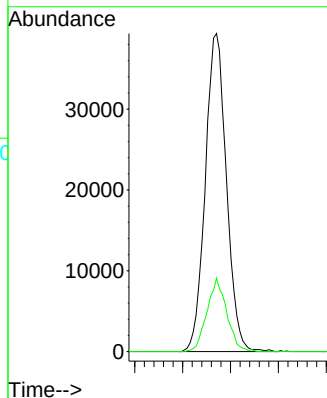
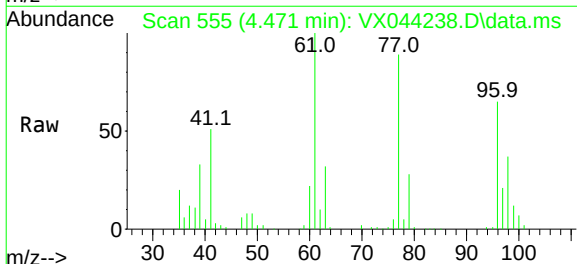
Manual Integrations
APPROVED

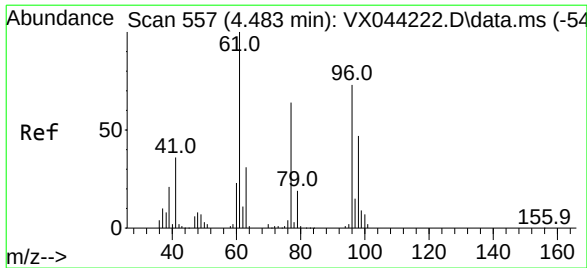
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#26
2,2-Dichloropropane
Concen: 47.766 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

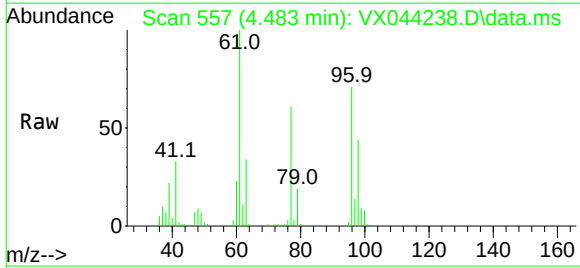
Tgt Ion: 77 Resp: 120679
Ion Ratio Lower Upper
77 100
97 21.6 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 49.227 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

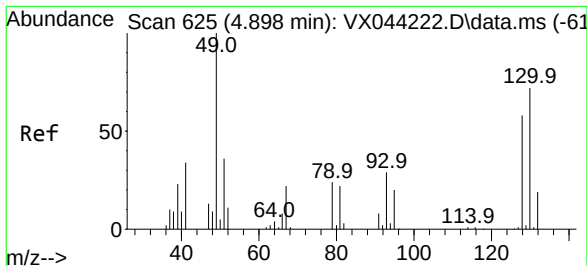
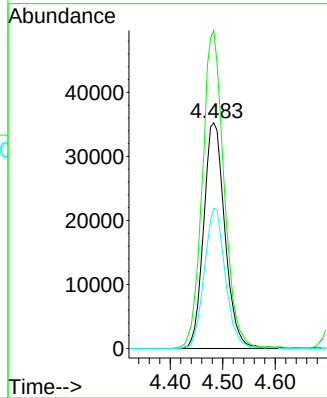
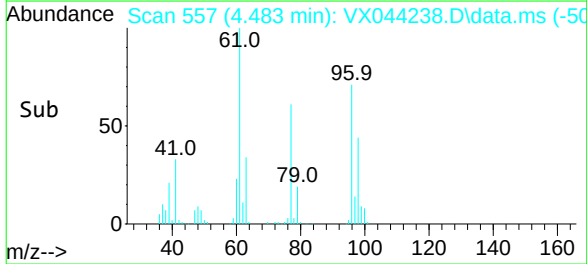
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



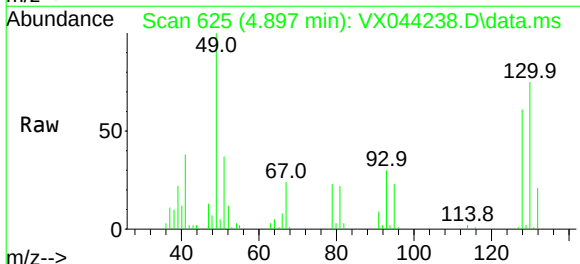
Tgt Ion: 96 Resp: 98833
Ion Ratio Lower Upper
96 100
61 144.0 0.0 299.0
98 61.6 0.0 129.0

Manual Integrations
APPROVED

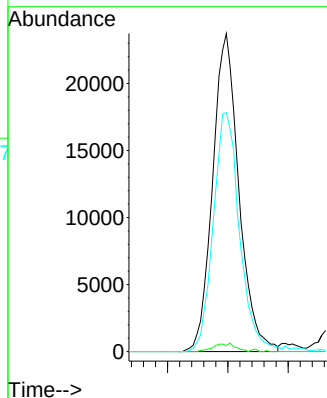
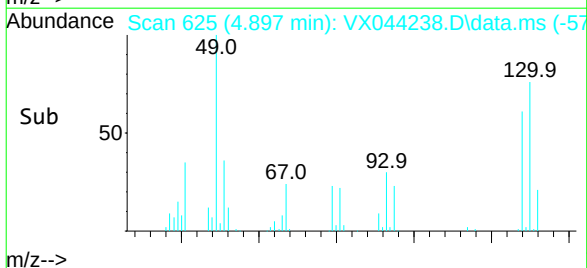
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

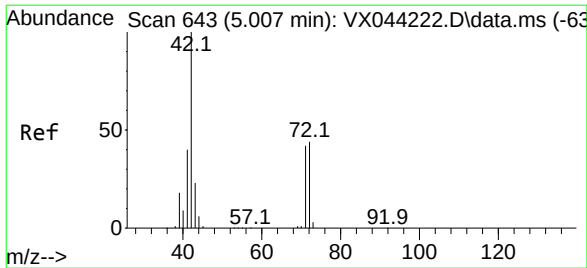


#28
Bromochloromethane
Concen: 47.037 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14



Tgt Ion: 49 Resp: 71730
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 75.1 62.1 93.1





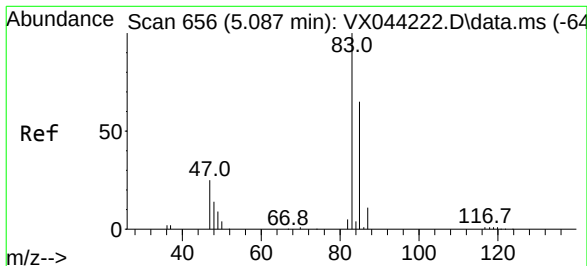
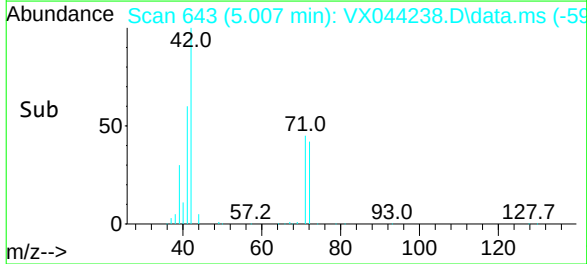
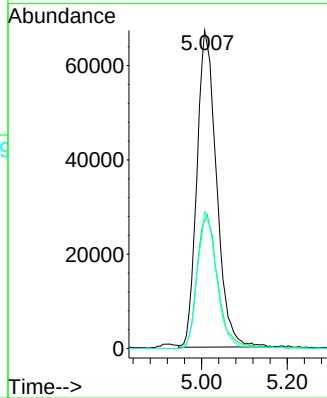
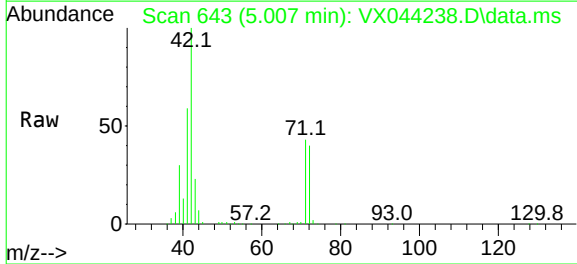
#29
Tetrahydrofuran
Concen: 246.427 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 213304
Ion Ratio Lower Upper
42 100
72 44.4 37.0 55.6
71 42.5 33.6 50.4

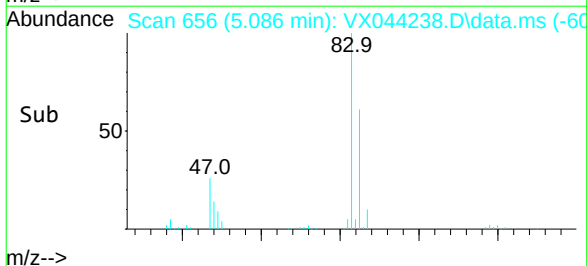
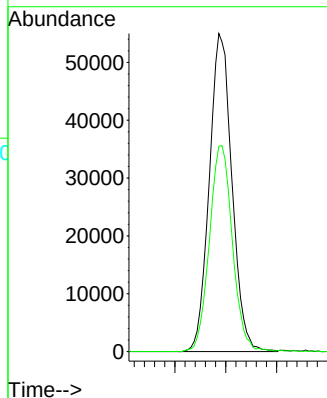
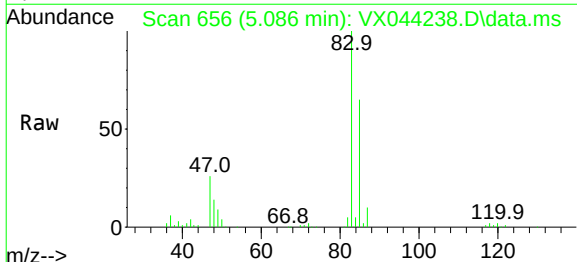
Manual Integrations
APPROVED

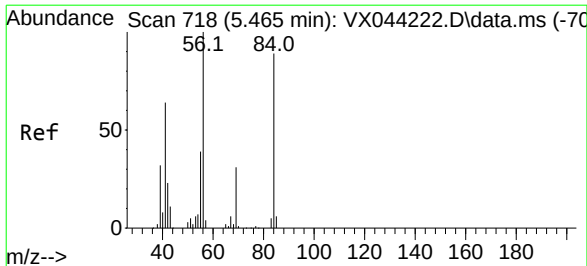
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#30
Chloroform
Concen: 48.686 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 83 Resp: 170111
Ion Ratio Lower Upper
83 100
85 64.6 51.6 77.4





#31

Cyclohexane

Concen: 48.166 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_X

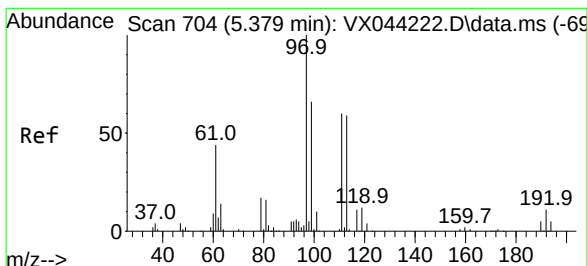
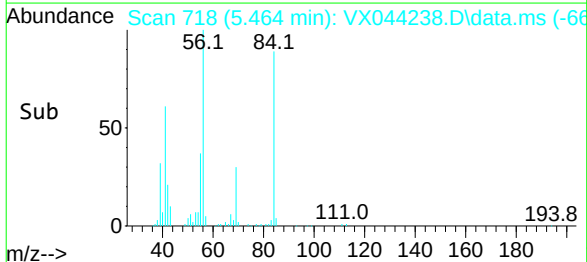
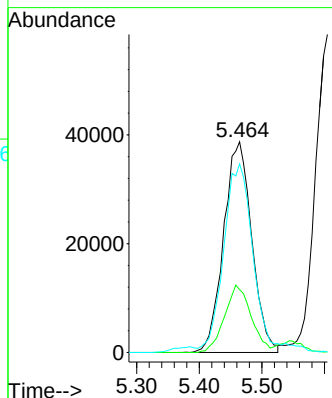
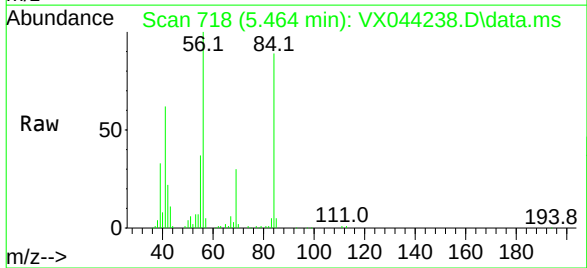
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	56	Resp:	120958
Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.7	37.1
84	87.5	71.0	106.6

Manual Integrations
APPROVED

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



#32

1,1,1-Trichloroethane

Concen: 50.507 ug/l

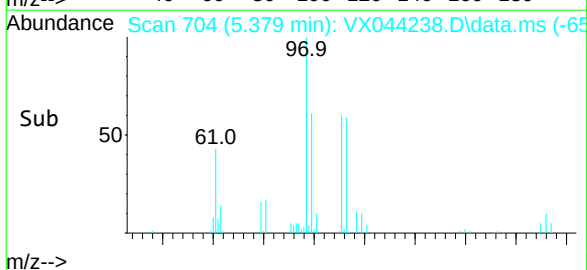
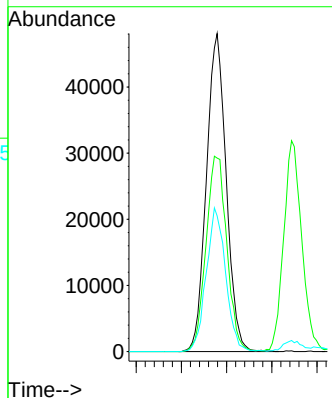
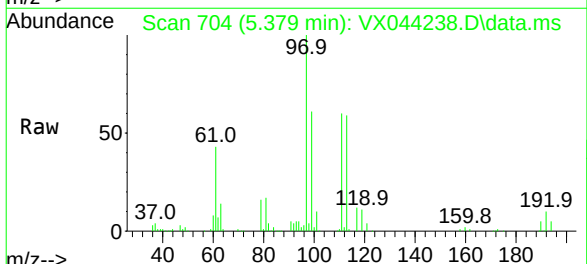
RT: 5.379 min Scan# 704

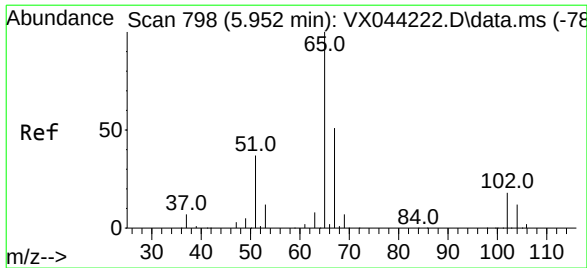
Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Tgt Ion:	97	Resp:	146489
Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.8	76.2
61	44.2	35.2	52.8





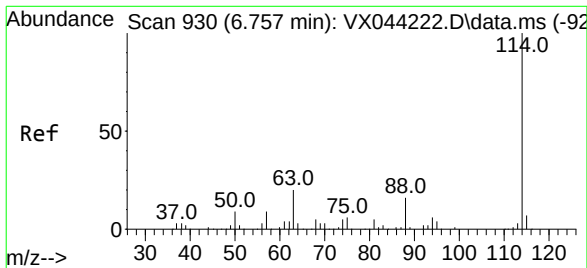
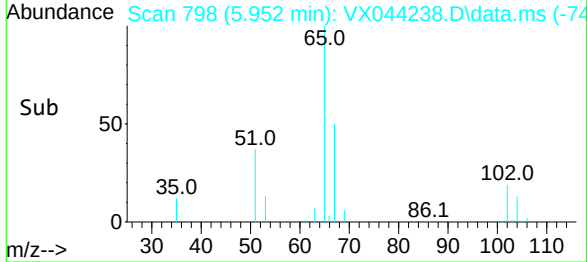
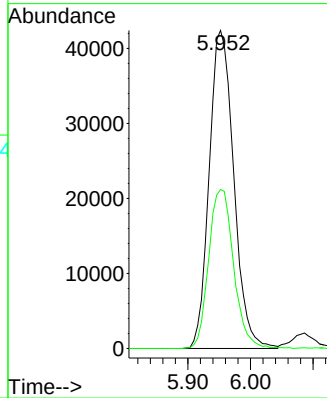
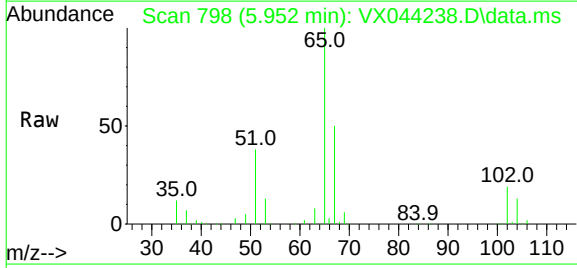
#33
1,2-Dichloroethane-d4
Concen: 49.663 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 115553
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.6

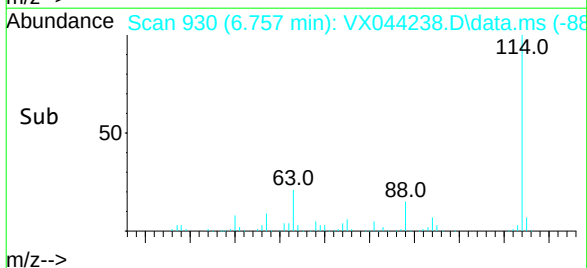
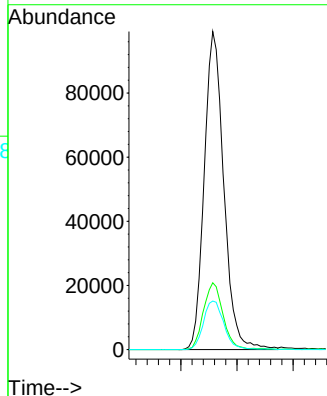
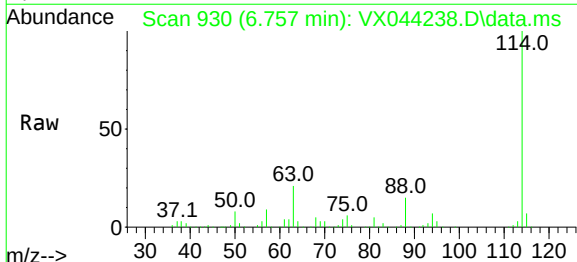
Manual Integrations
APPROVED

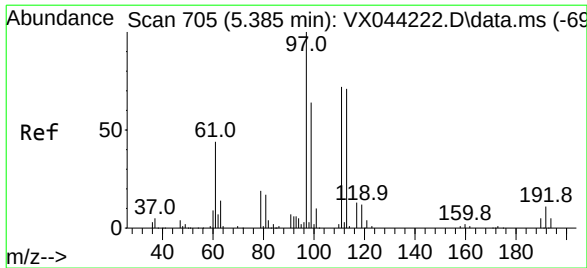
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion:114 Resp: 240331
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.6
88 15.3 0.0 31.8





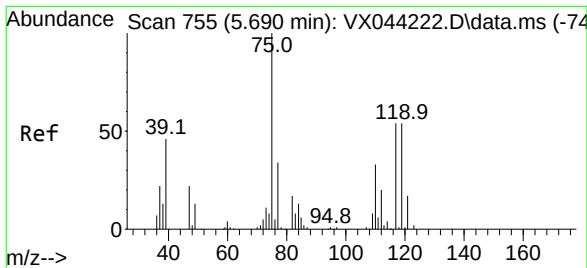
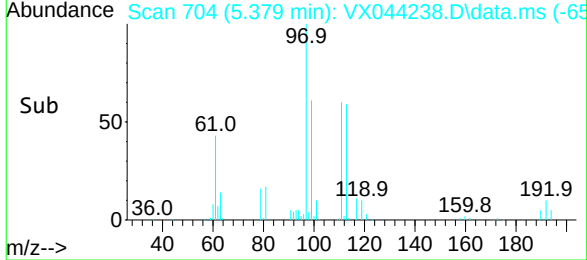
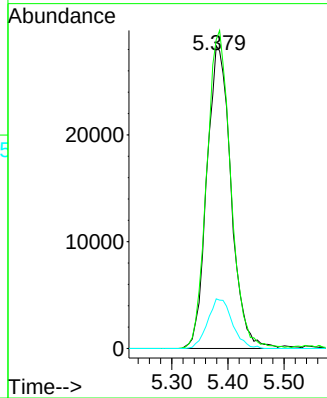
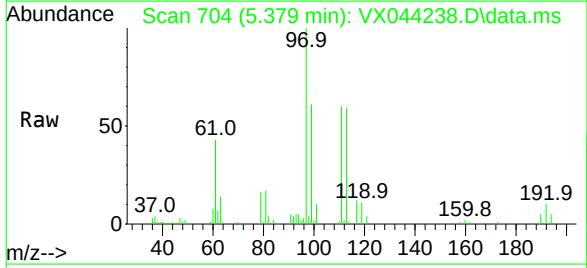
#35
Dibromofluoromethane
Concen: 50.947 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	113	Resp:	84801
Ion	Ratio	Lower	Upper
113	100		
111	104.3	80.4	120.6
192	16.6	13.3	19.9

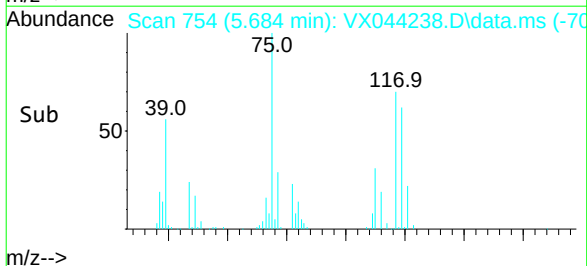
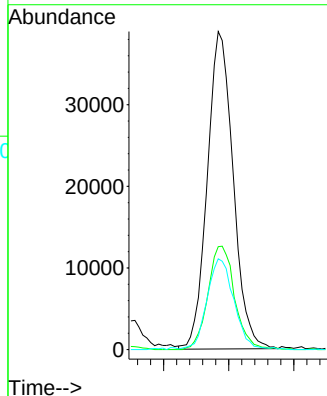
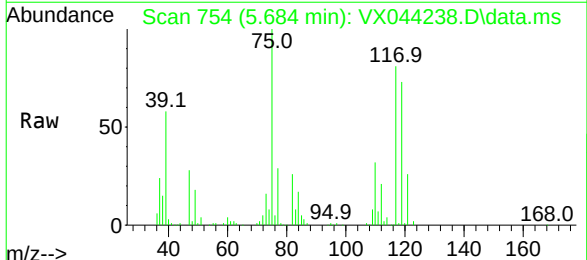
Manual Integrations
APPROVED

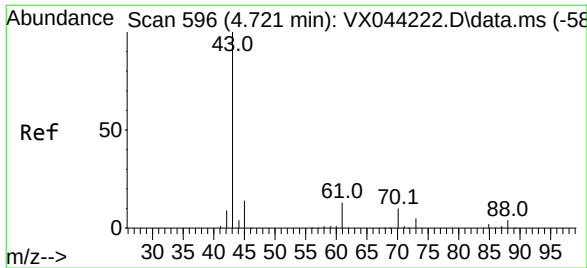
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#36
1,1-Dichloropropene
Concen: 49.911 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion:	75	Resp:	107388
Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.3	51.7
77	29.8	25.4	38.0





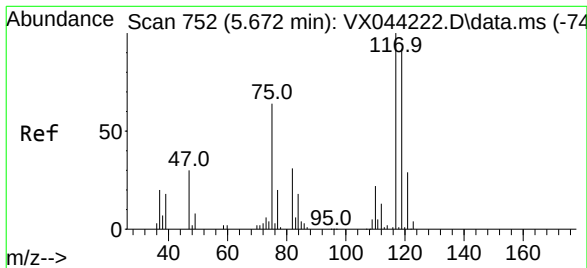
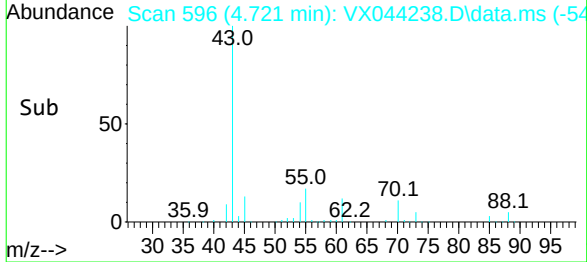
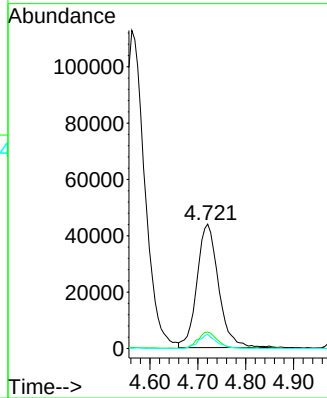
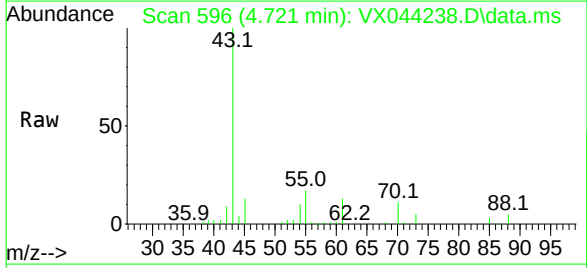
#37
Ethyl Acetate
Concen: 51.484 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43	Resp: 136931
Ion Ratio	Lower Upper
43 100	
61 11.8	9.8 14.8
70 9.5	7.7 11.5

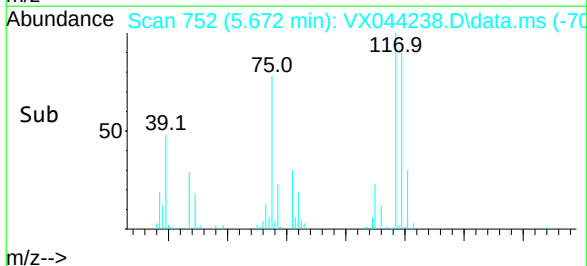
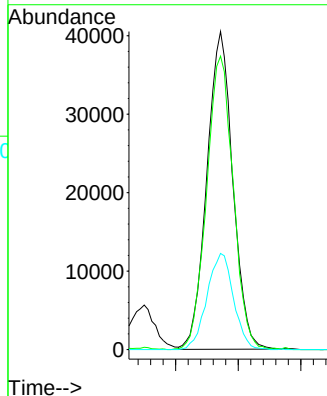
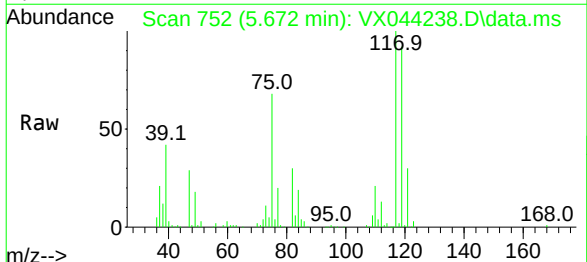
Manual Integrations
APPROVED

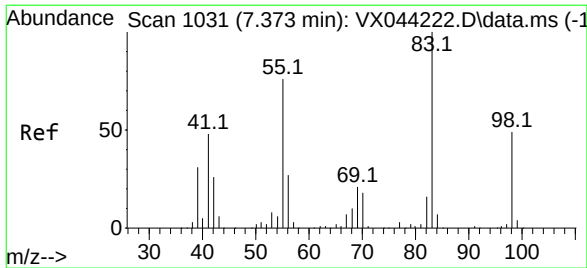
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#38
Carbon Tetrachloride
Concen: 50.336 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 117	Resp: 116600
Ion Ratio	Lower Upper
117 100	
119 92.1	74.2 111.4
121 30.3	23.0 34.6





#39
Methylcyclohexane
Concen: 49.893 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

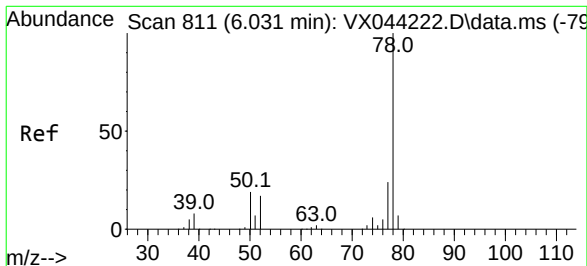
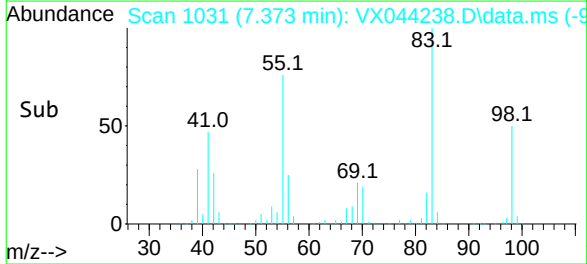
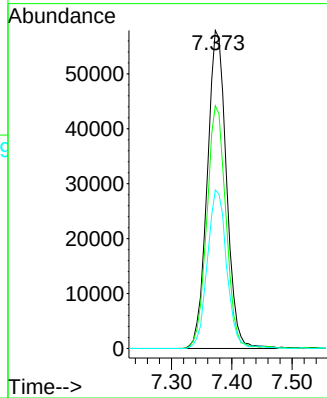
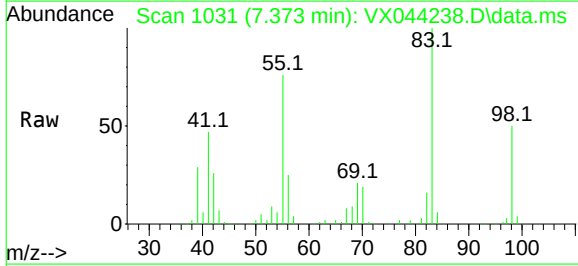
Tgt Ion: 83 Resp: 128333
Ion Ratio Lower Upper
83 100
55 76.3 60.7 91.1
98 49.8 38.9 58.3

Manual Integrations

APPROVED

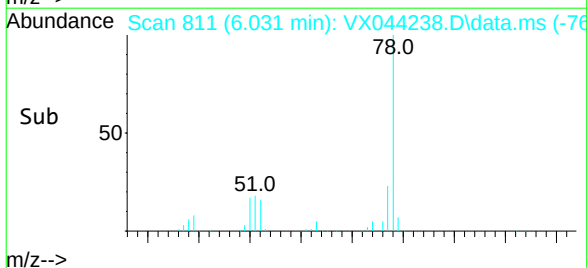
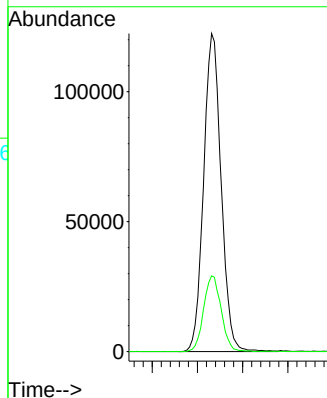
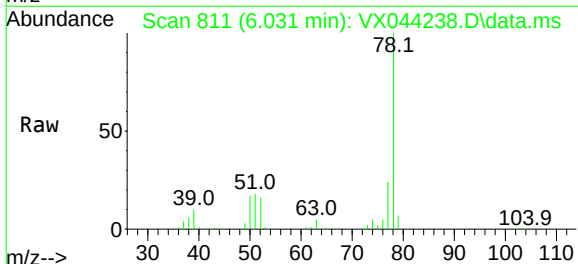
Reviewed By :John Carlone 12/12/2024

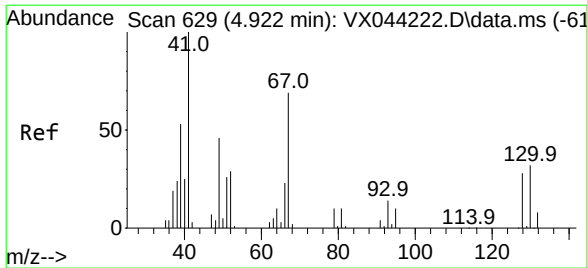
Supervised By :Mahesh Dadoda 12/12/2024



#40
Benzene
Concen: 50.307 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 78 Resp: 328638
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





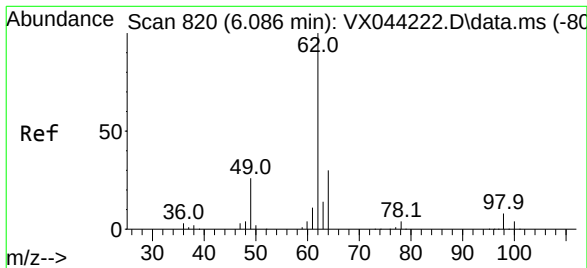
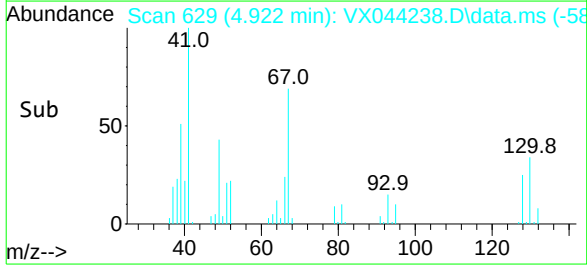
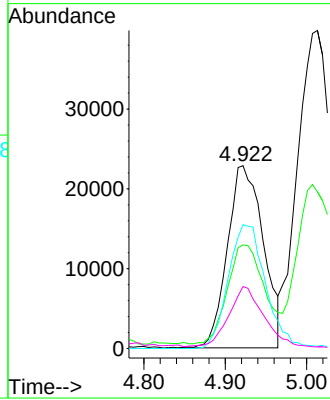
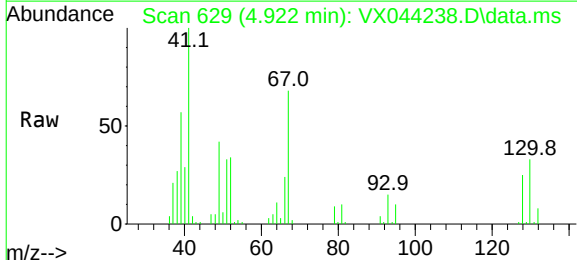
#41
Methacrylonitrile
Concen: 49.702 ug/l
RT: 4.922 min Scan# 629
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	70194
Ion	Ratio	Lower	Upper
41	100		
39	57.2	44.2	66.4
67	71.3	57.2	85.8
52	34.9	24.6	37.0

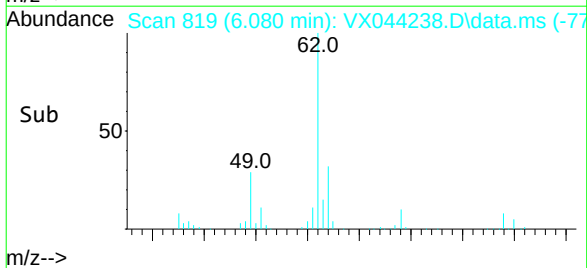
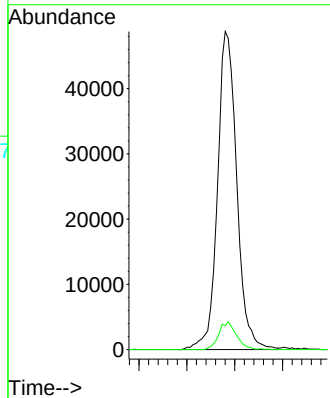
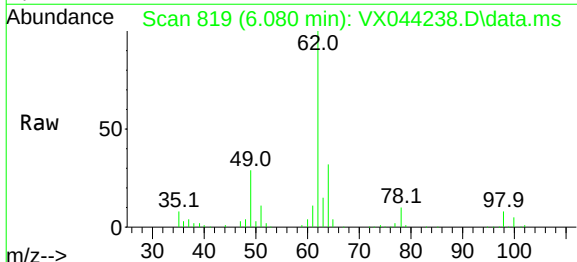
Manual Integrations
APPROVED

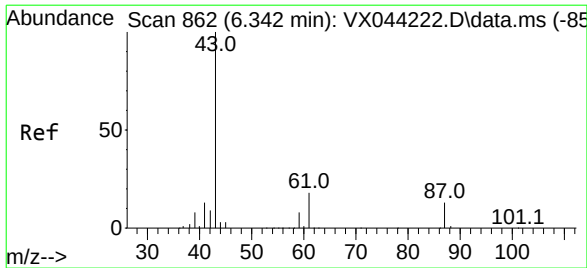
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#42
1,2-Dichloroethane
Concen: 50.595 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion:	62	Resp:	136153
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 51.404 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

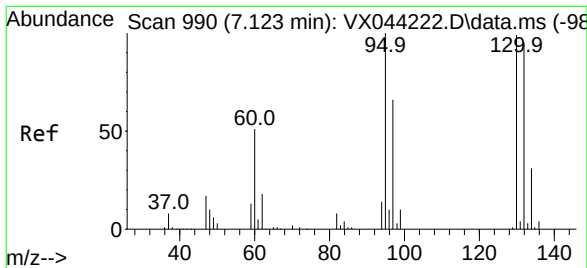
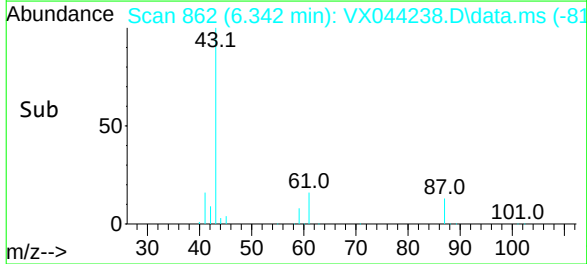
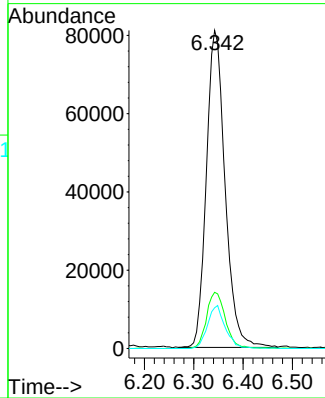
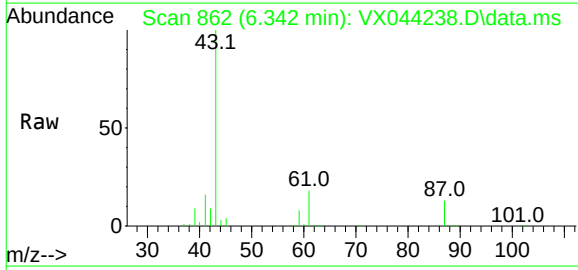
Tgt Ion:	43	Resp:	213686
Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.2	21.2
87	12.9	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#44

Trichloroethene

Concen: 48.441 ug/l

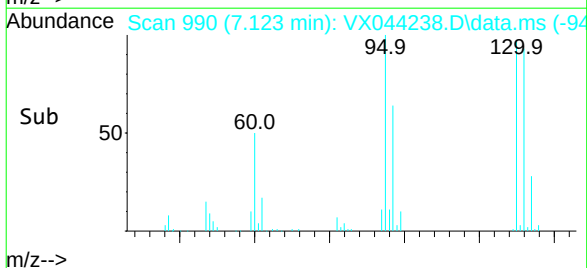
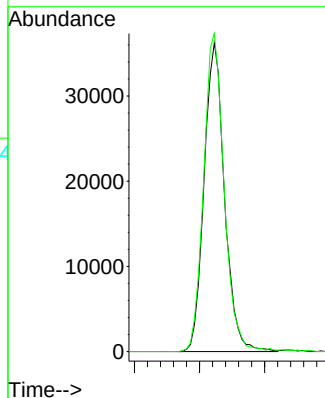
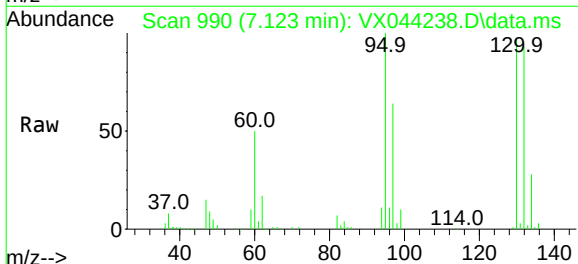
RT: 7.123 min Scan# 990

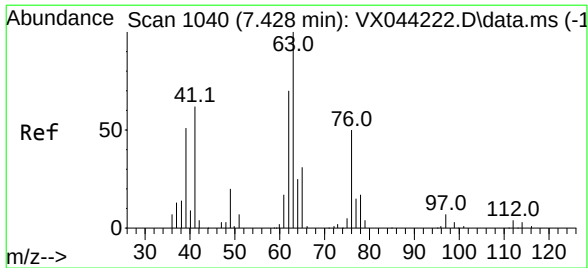
Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Tgt Ion:	130	Resp:	78914
Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	201.4





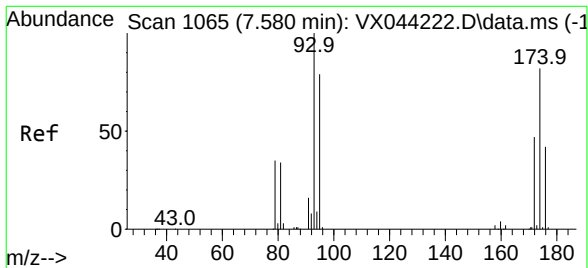
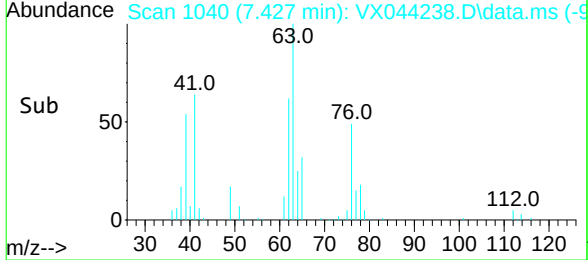
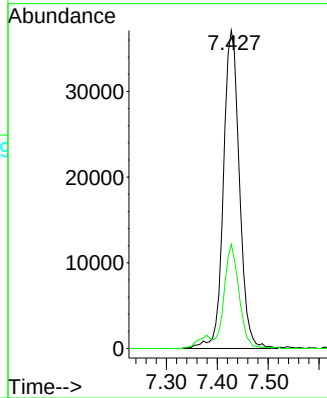
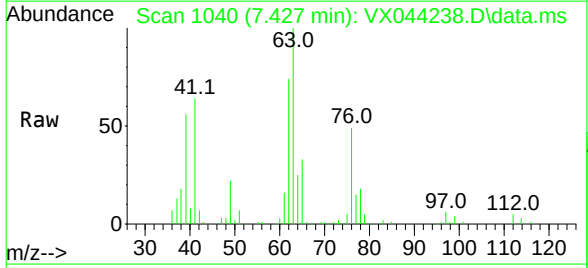
#45
1,2-Dichloropropane
Concen: 48.655 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 81204
Ion Ratio Lower Upper
63 100
65 32.8 24.6 37.0

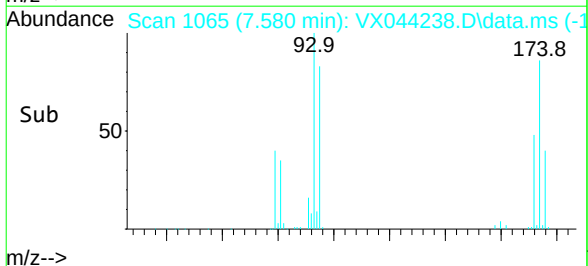
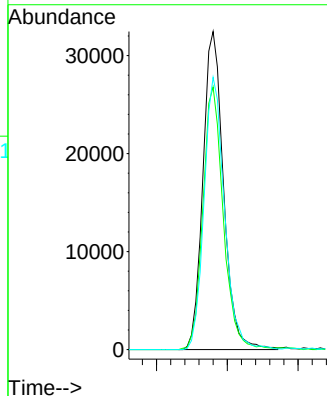
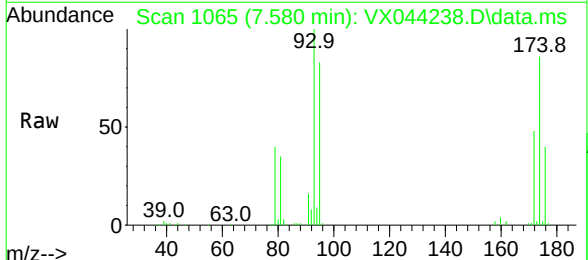
Manual Integrations
APPROVED

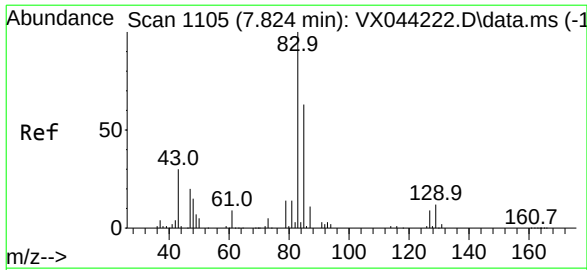
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#46
Dibromomethane
Concen: 50.661 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 93 Resp: 65596
Ion Ratio Lower Upper
93 100
95 81.6 65.4 98.2
174 85.3 67.9 101.9





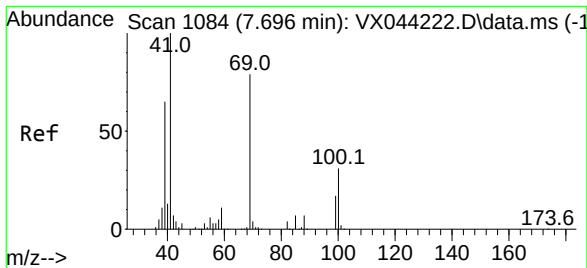
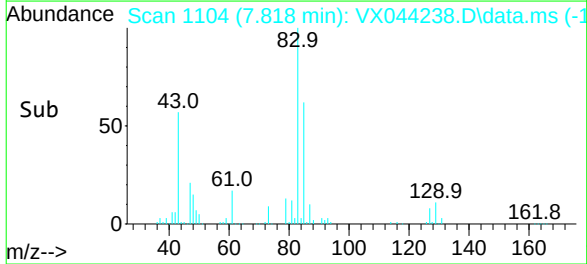
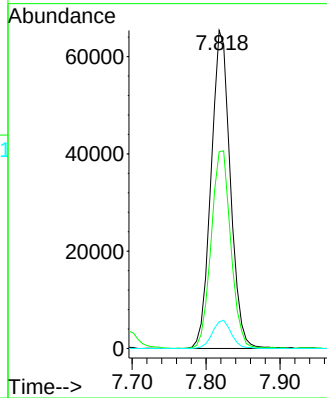
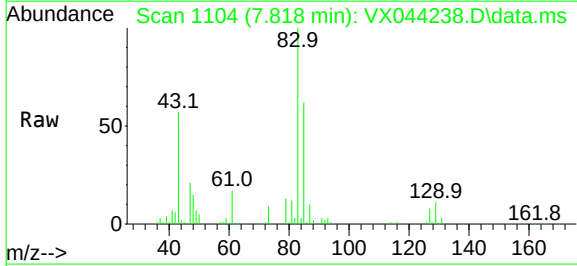
#47
Bromodichloromethane
Concen: 52.810 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 118093
Ion Ratio Lower Upper
83 100
85 61.7 50.6 75.8
127 8.4 7.3 10.9

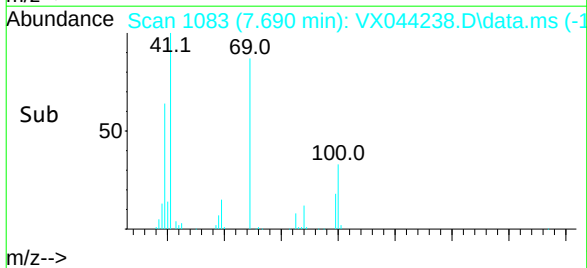
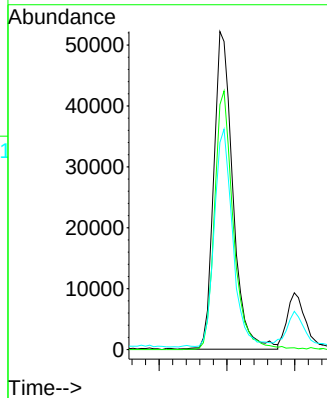
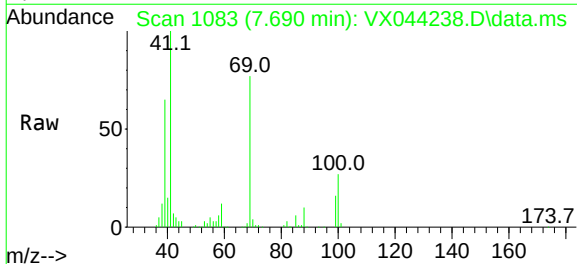
Manual Integrations
APPROVED

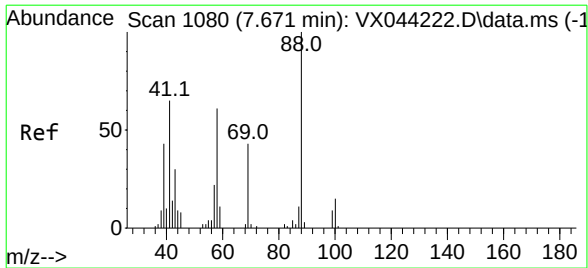
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#48
Methyl methacrylate
Concen: 50.548 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

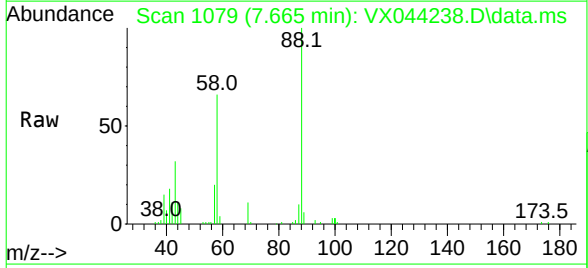
Tgt Ion: 41 Resp: 102002
Ion Ratio Lower Upper
41 100
69 80.3 62.4 93.6
39 66.0 53.3 79.9





#49
1,4-Dioxane
Concen: 793.063 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

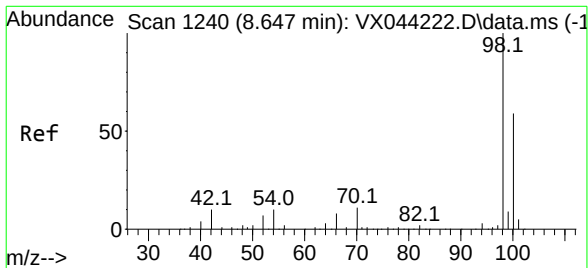
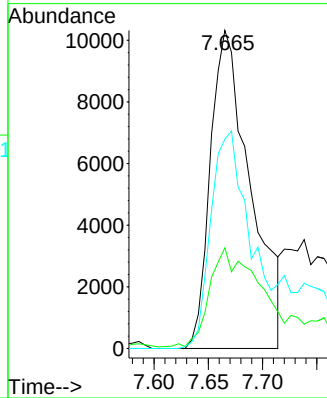
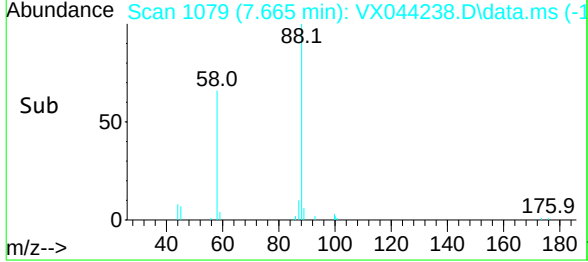
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 26533
Ion Ratio Lower Upper
88 100
43 38.4 27.1 40.7
58 66.7 41.0 61.4#

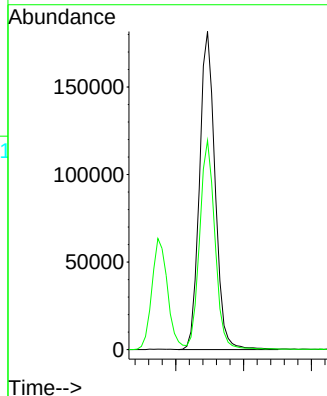
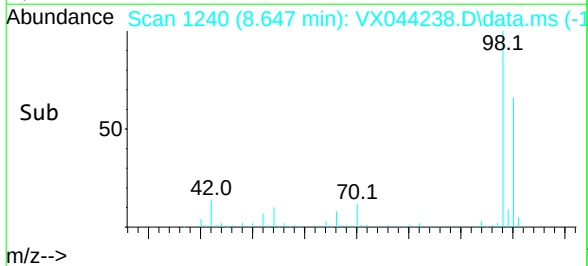
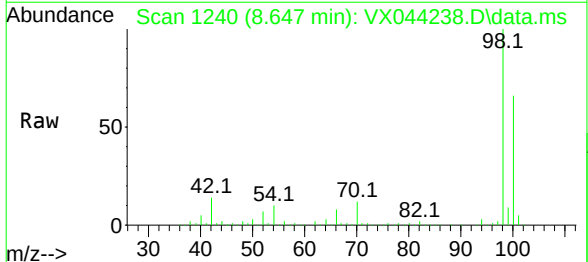
Manual Integrations
APPROVED

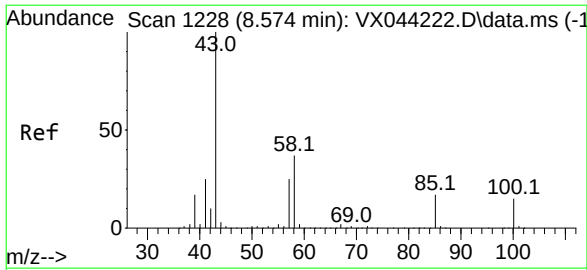
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#50
Toluene-d8
Concen: 51.725 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 98 Resp: 290464
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3





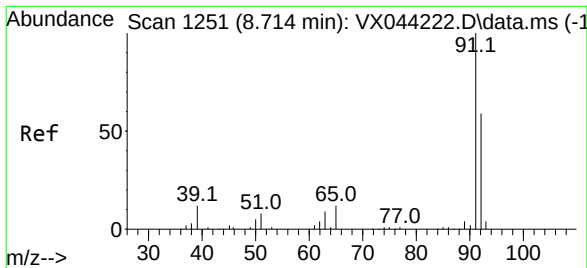
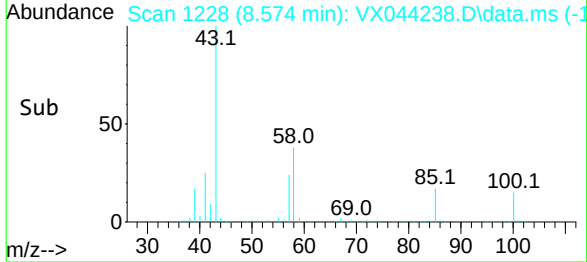
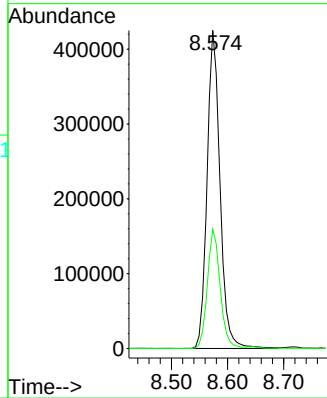
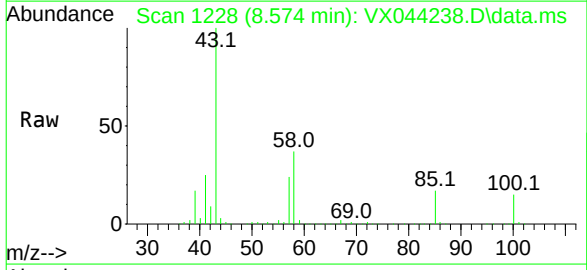
#51
4-Methyl-2-Pentanone
Concen: 254.635 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 680603
Ion Ratio Lower Upper
43 100
58 37.0 29.4 44.0

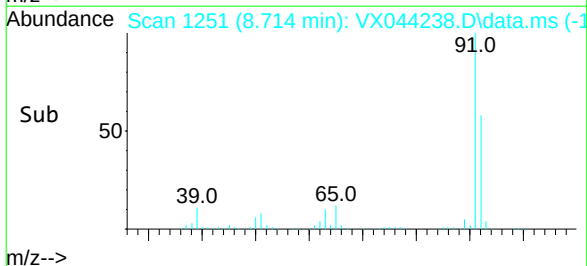
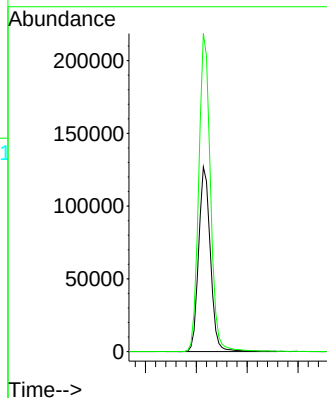
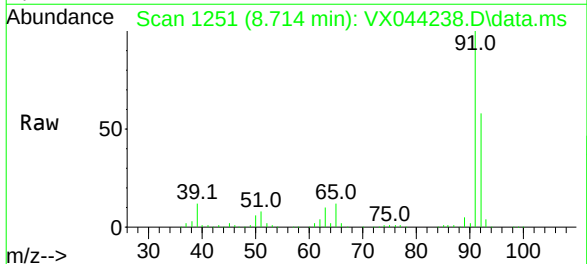
Manual Integrations
APPROVED

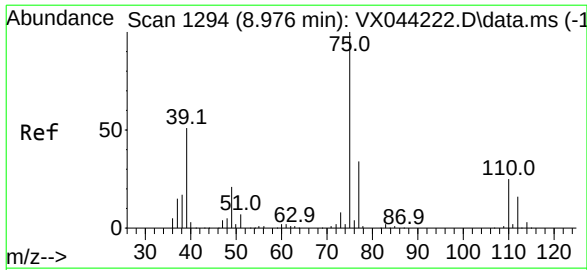
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#52
Toluene
Concen: 49.595 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

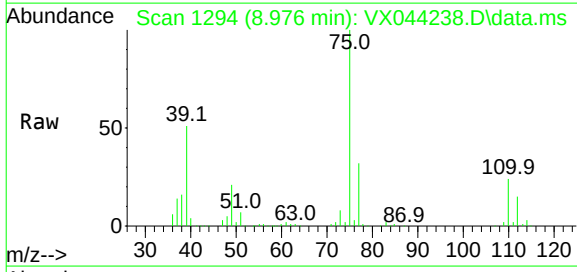
Tgt Ion: 92 Resp: 203456
Ion Ratio Lower Upper
92 100
91 171.8 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 49.148 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

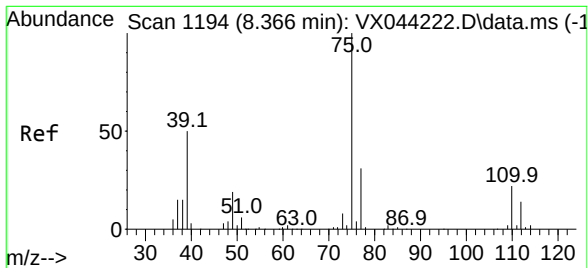
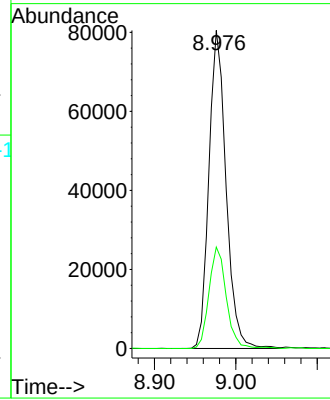
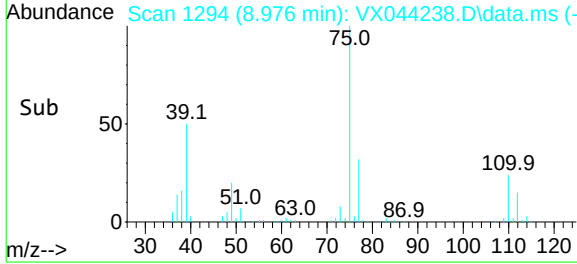
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



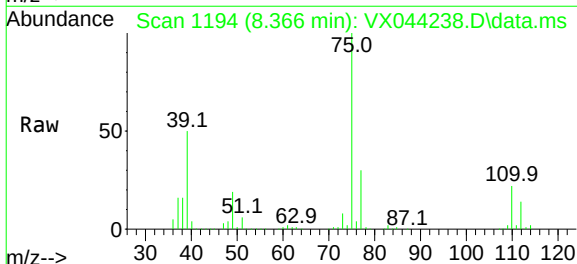
Tgt Ion: 75 Resp: 117827
Ion Ratio Lower Upper
75 100
77 31.9 27.2 40.8

Manual Integrations
APPROVED

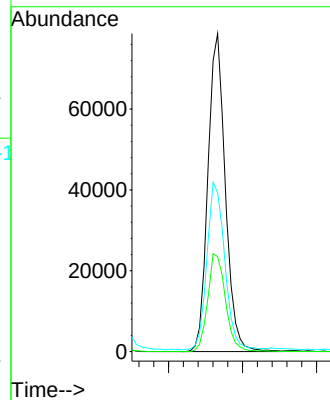
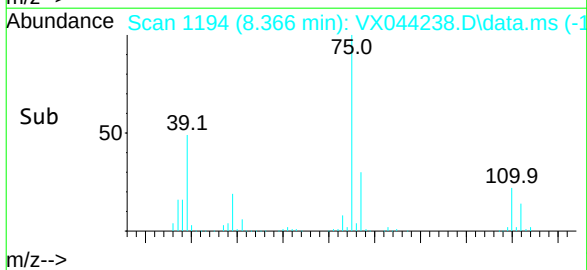
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

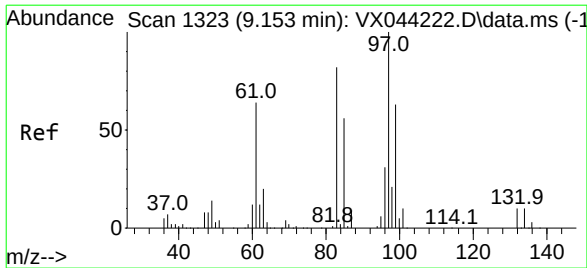


#54
cis-1,3-Dichloropropene
Concen: 52.811 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14



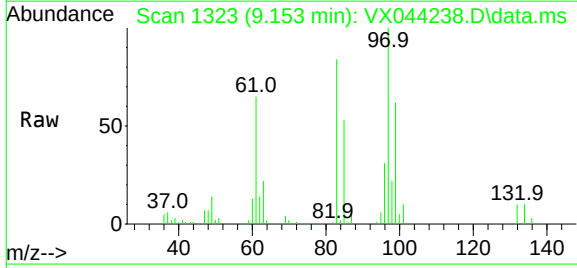
Tgt Ion: 75 Resp: 128585
Ion Ratio Lower Upper
75 100
77 29.9 24.7 37.1
39 49.4 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 51.267 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

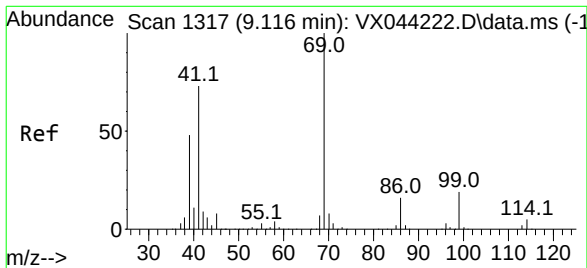
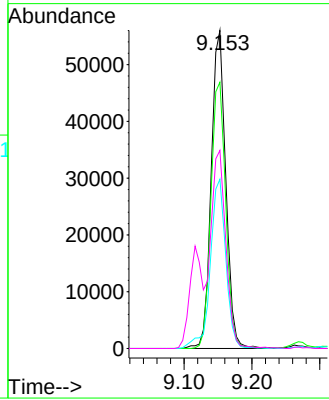
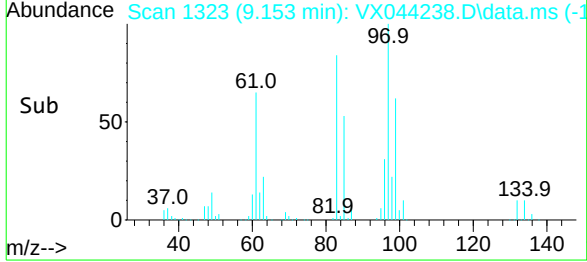
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



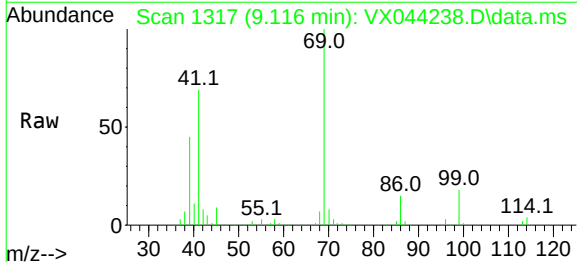
Tgt Ion:	97	Resp:	83551
Ion	Ratio	Lower	Upper
97	100		
83	83.7	65.3	97.9
85	53.2	44.6	67.0
99	62.1	50.2	75.2

Manual Integrations
APPROVED

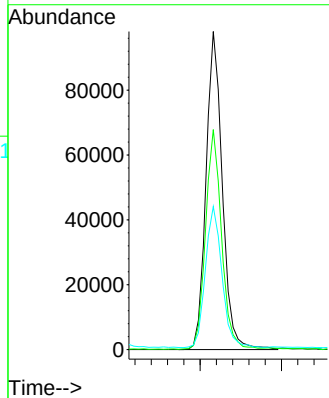
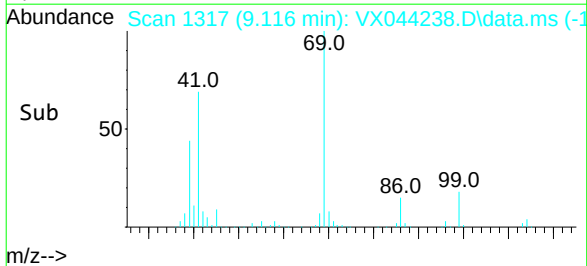
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

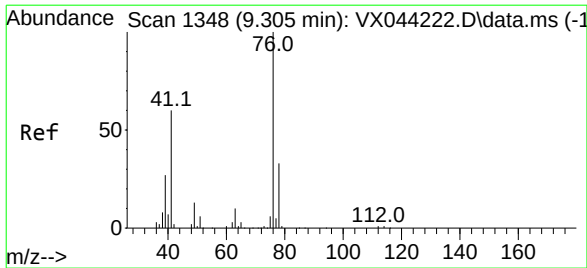


#56
Ethyl methacrylate
Concen: 53.013 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14



Tgt Ion:	69	Resp:	136393
Ion	Ratio	Lower	Upper
69	100		
41	67.8	56.6	85.0
39	45.2	37.4	56.0





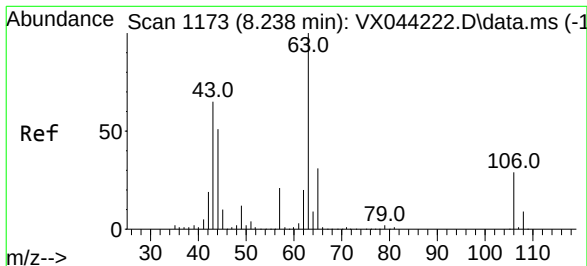
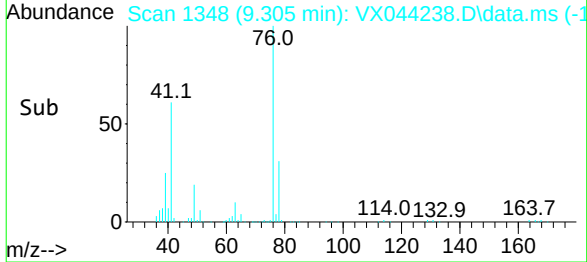
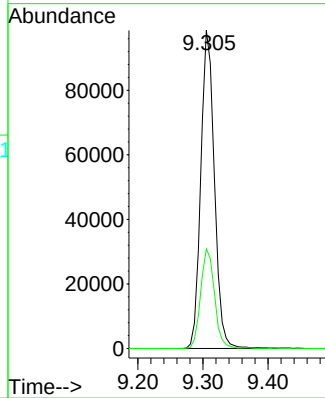
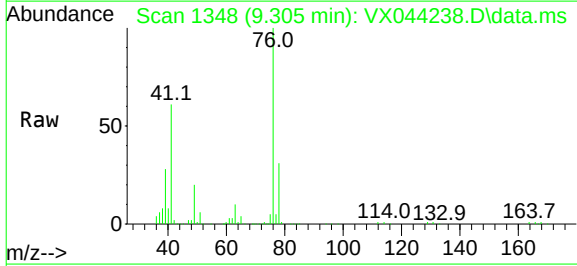
#57
1,3-Dichloropropane
Concen: 50.466 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 143157
Ion Ratio Lower Upper
76 100
78 31.9 26.5 39.7

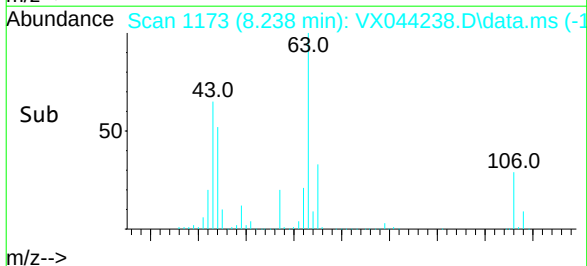
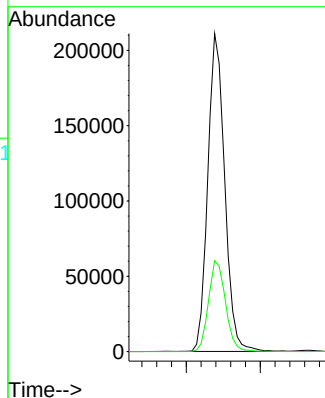
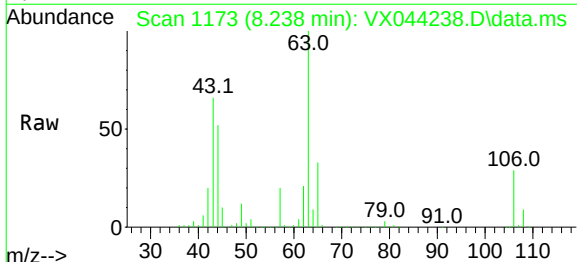
Manual Integrations
APPROVED

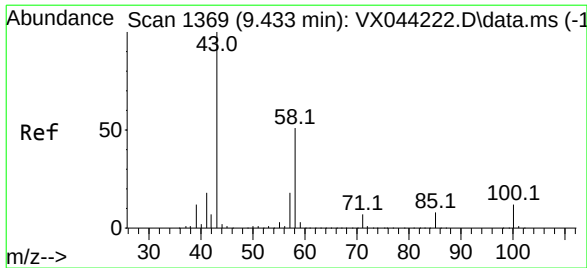
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 257.822 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 63 Resp: 334565
Ion Ratio Lower Upper
63 100
106 28.9 22.8 34.2





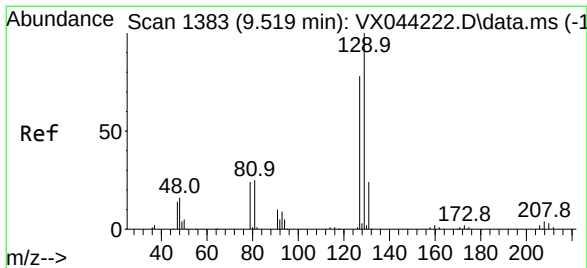
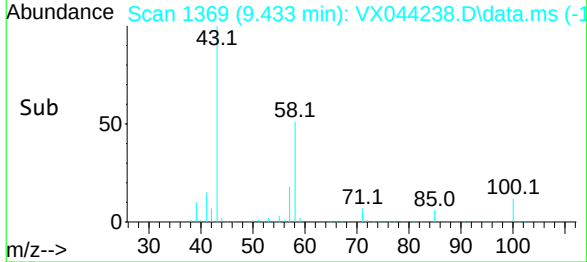
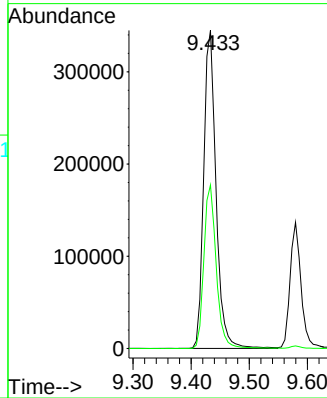
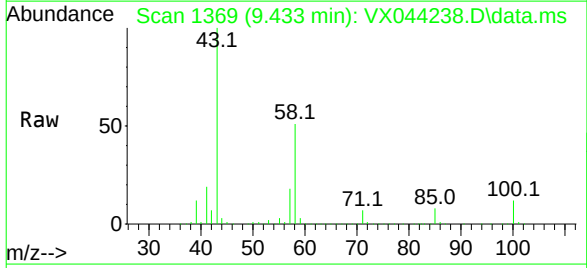
#59
2-Hexanone
Concen: 262.404 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 507668
Ion Ratio Lower Upper
43 100
58 51.5 25.7 77.0

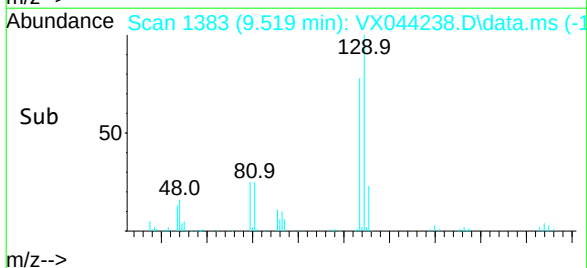
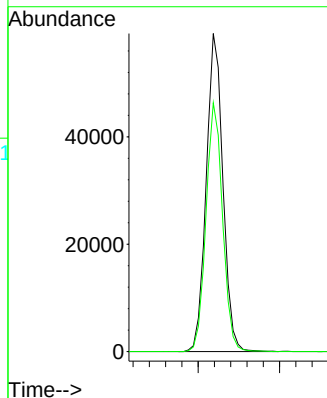
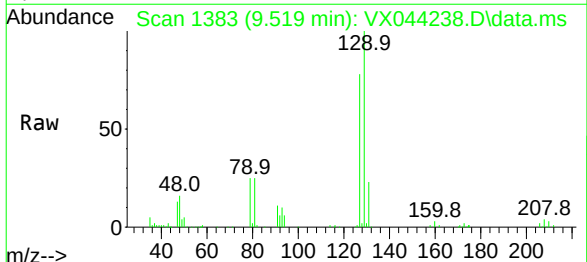
Manual Integrations
APPROVED

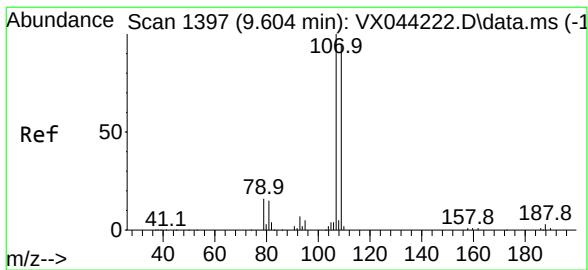
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#60
Dibromochloromethane
Concen: 48.834 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

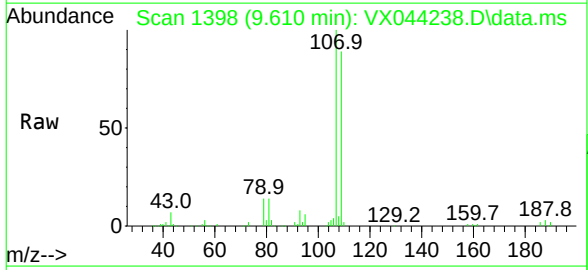
Tgt Ion:129 Resp: 84143
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3





#61
1,2-Dibromoethane
Concen: 53.181 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

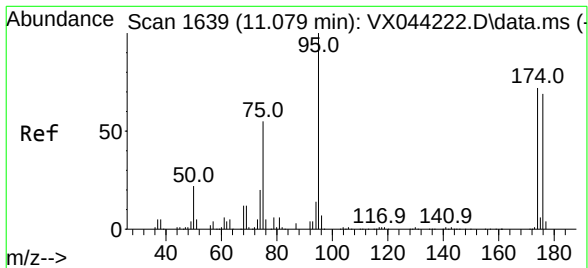
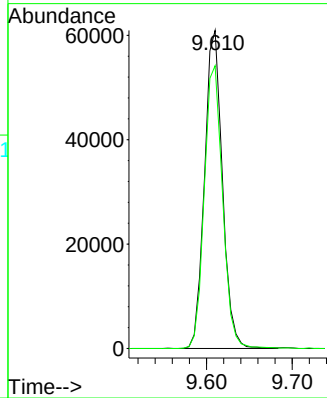
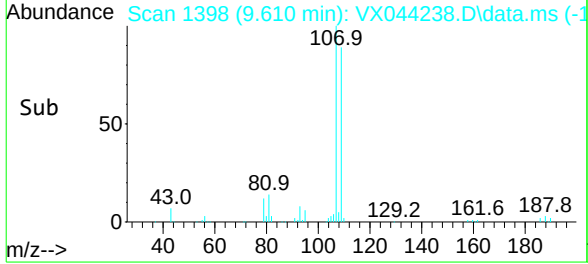
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



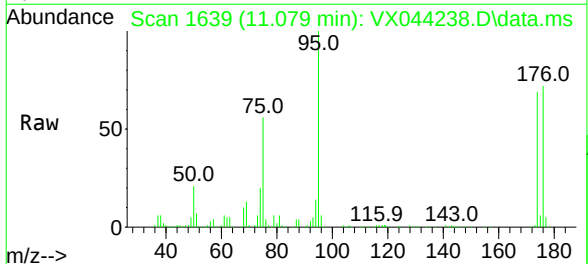
Tgt Ion: 107 Resp: 88222
Ion Ratio Lower Upper
107 100
109 91.3 77.0 115.4

Manual Integrations
APPROVED

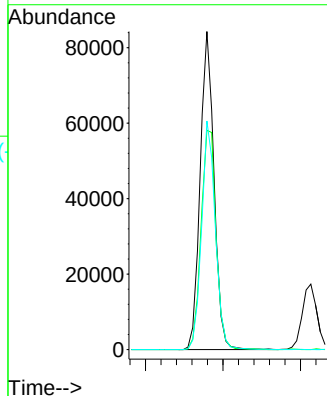
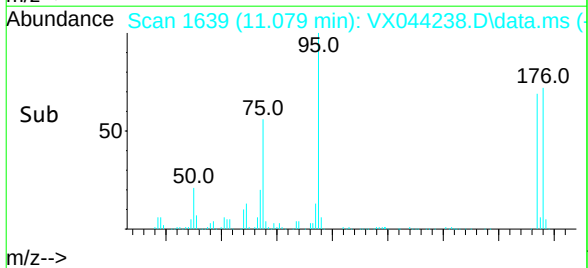
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024

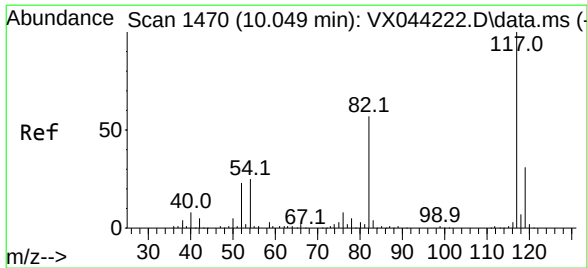


#62
4-Bromofluorobenzene
Concen: 53.305 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14



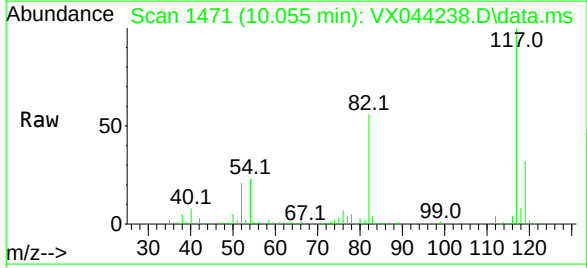
Tgt Ion: 95 Resp: 104597
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.8
176 71.3 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

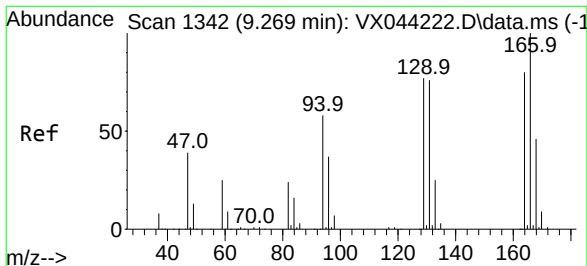
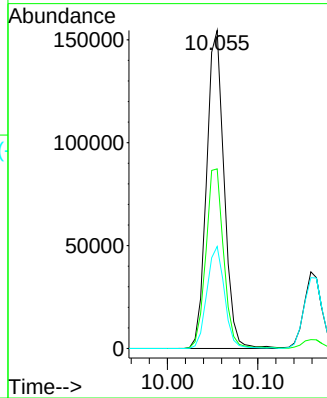
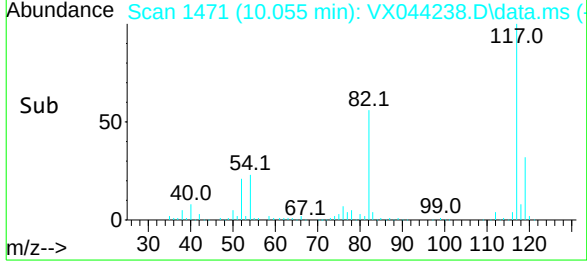
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 208193
Ion Ratio Lower Upper
117 100
82 56.5 45.8 68.8
119 32.1 25.0 37.4

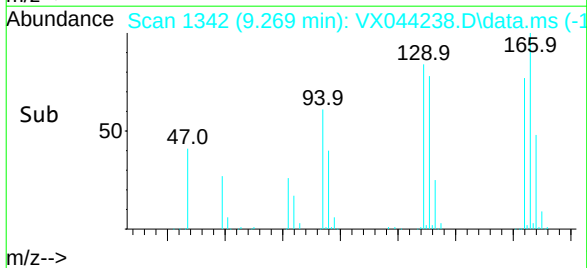
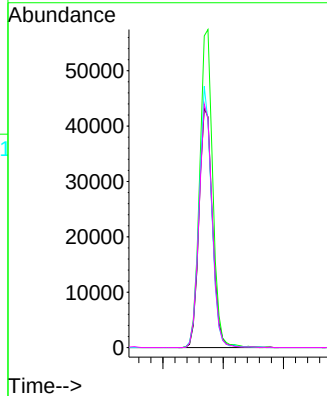
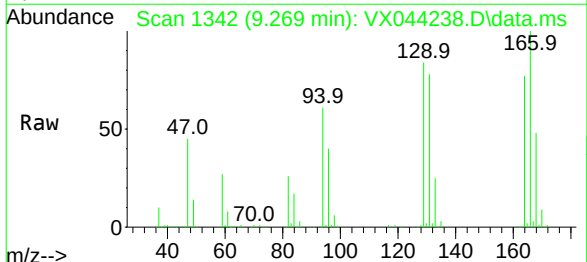
Manual Integrations
APPROVED

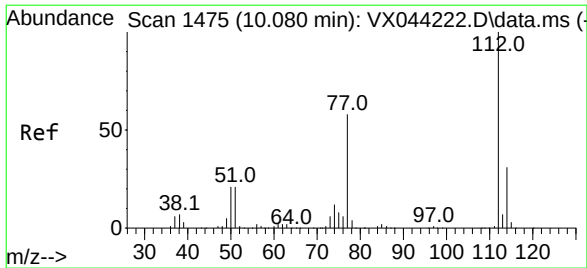
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#64
Tetrachloroethene
Concen: 48.303 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion:164 Resp: 66745
Ion Ratio Lower Upper
164 100
166 130.3 100.4 150.6
129 109.2 77.2 115.8
131 101.8 76.2 114.2





#65

Chlorobenzene

Concen: 50.787 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 226567

Ion Ratio Lower Upper

112 100

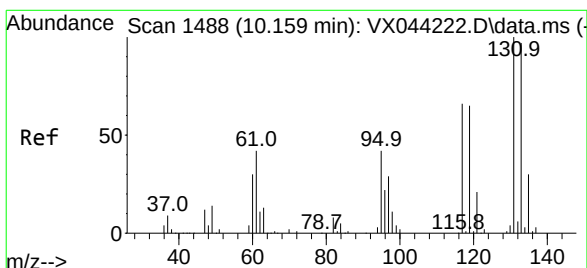
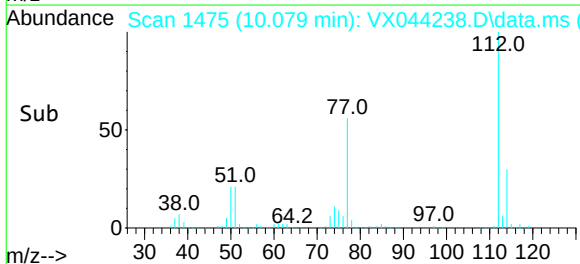
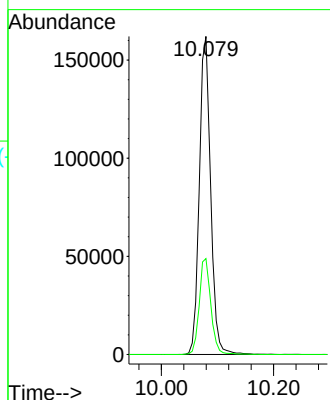
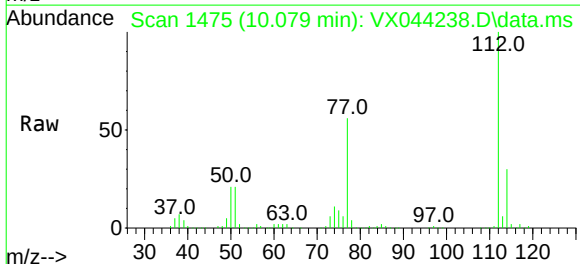
114 30.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 52.875 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

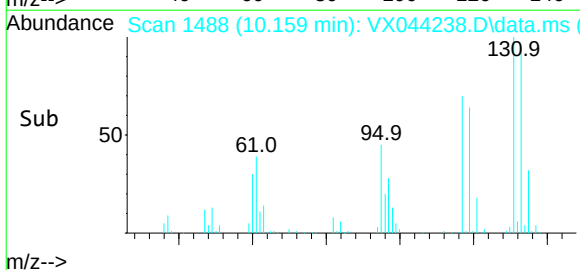
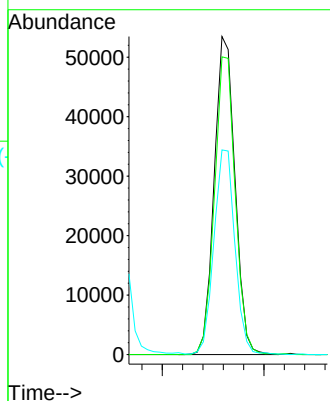
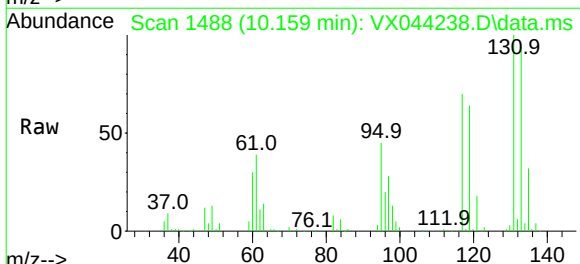
Tgt Ion:131 Resp: 75809

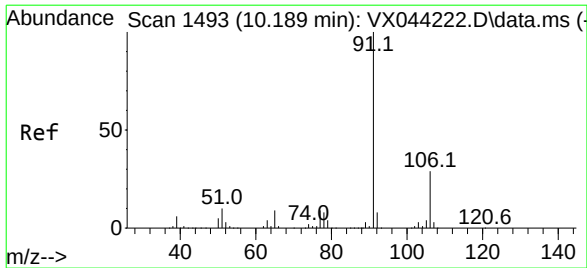
Ion Ratio Lower Upper

131 100

133 93.8 47.3 141.8

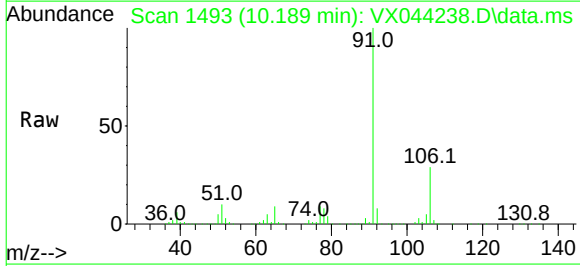
119 65.3 31.6 95.0





#67
Ethyl Benzene
Concen: 51.031 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

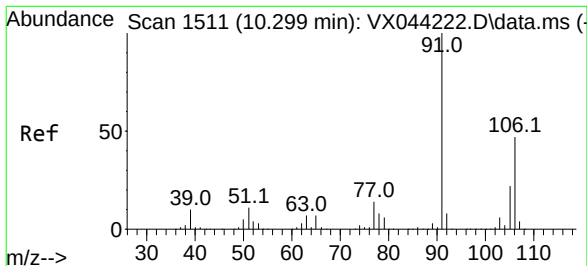
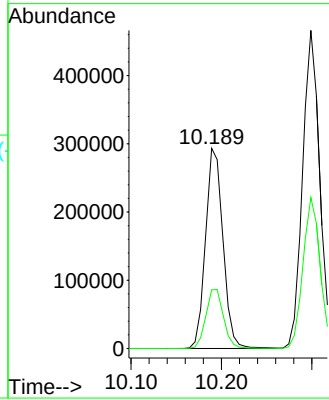
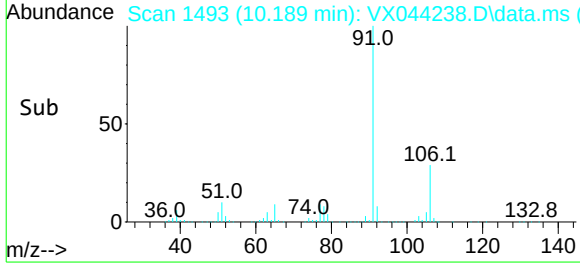
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



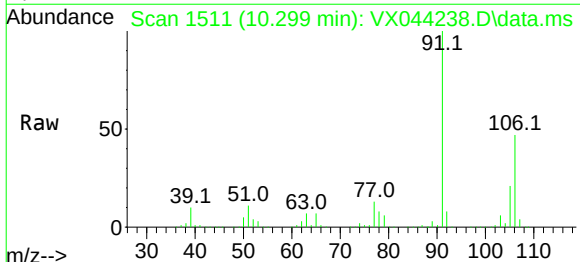
Tgt Ion: 91 Resp: 393350
Ion Ratio Lower Upper
91 100
106 29.3 23.5 35.3

Manual Integrations
APPROVED

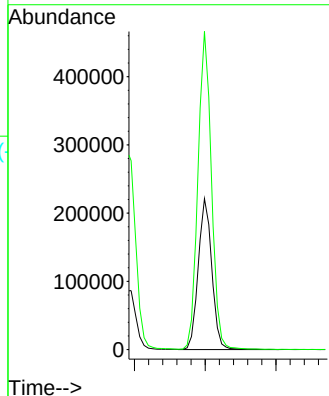
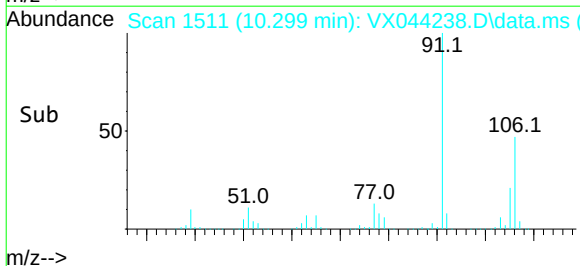
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

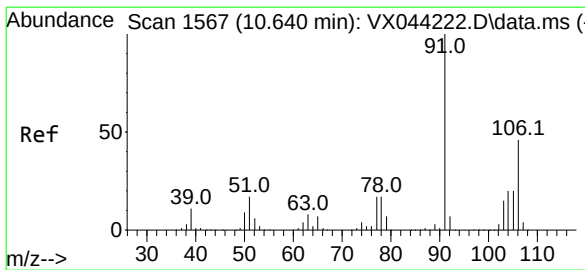


#68
m/p-Xylenes
Concen: 104.054 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14



Tgt Ion:106 Resp: 294306
Ion Ratio Lower Upper
106 100
91 209.4 170.2 255.2





#69

o-Xylene

Concen: 50.079 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 143314

Ion Ratio Lower Upper

106 100

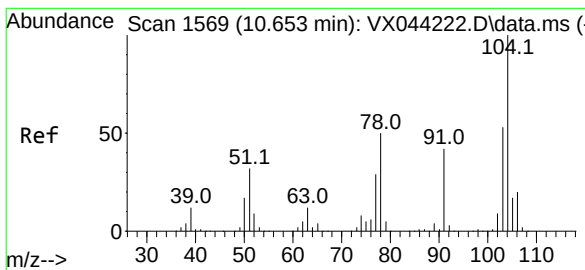
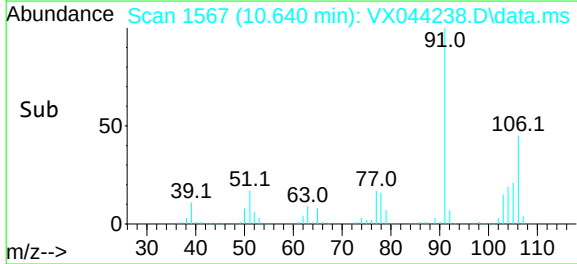
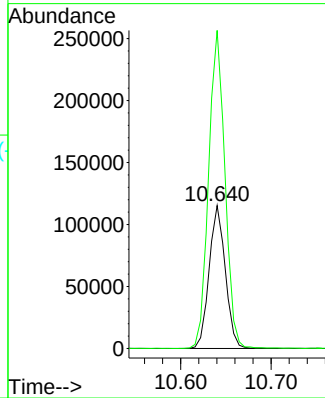
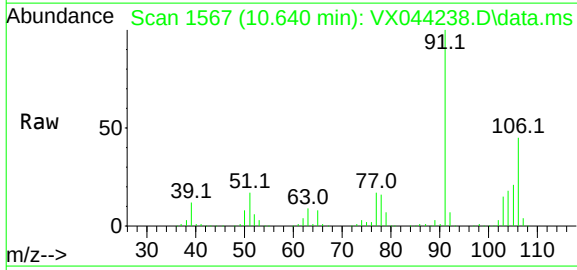
91 224.4 112.3 337.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#70

Styrene

Concen: 53.183 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

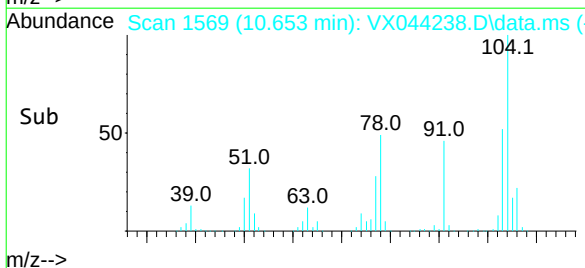
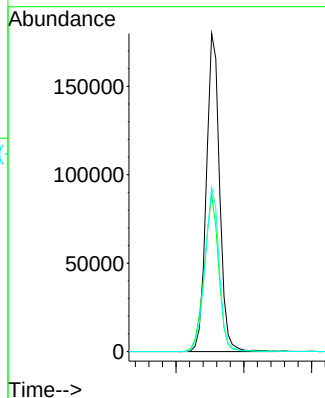
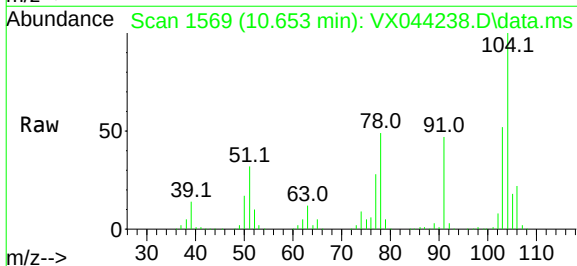
Tgt Ion:104 Resp: 243987

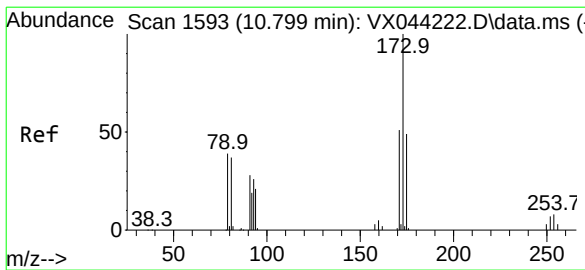
Ion Ratio Lower Upper

104 100

78 53.8 44.6 67.0

103 55.1 45.4 68.0





#71

Bromoform

Concen: 50.038 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

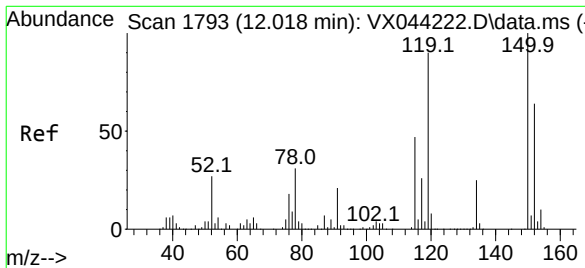
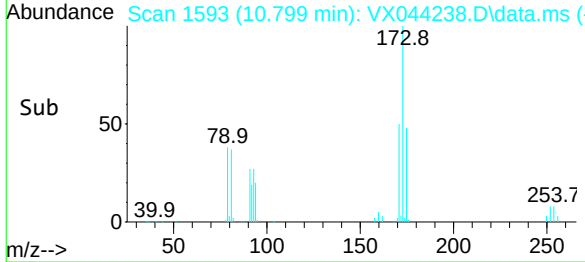
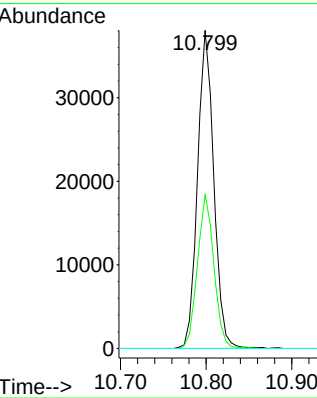
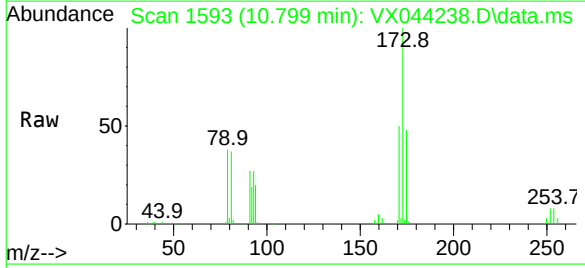
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

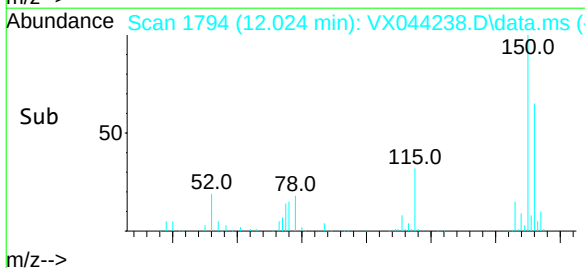
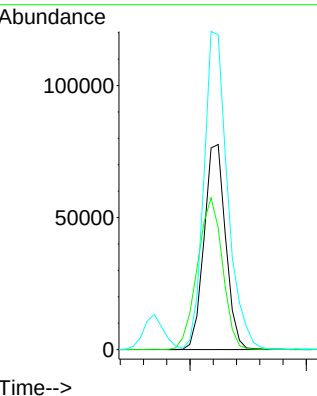
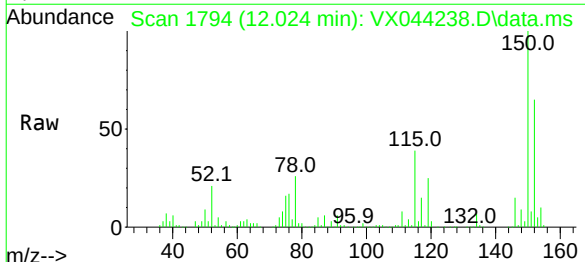
RT: 12.024 min Scan# 1794

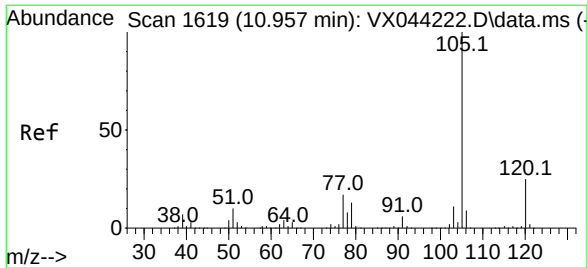
Delta R.T. 0.006 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	86.2	44.5	133.3
150	170.4	0.0	353.8





#73

Isopropylbenzene

Concen: 48.945 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 374918

Ion Ratio Lower Upper

105 100

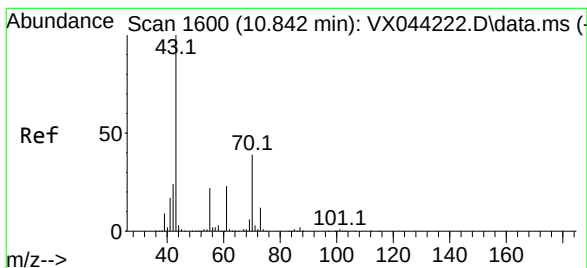
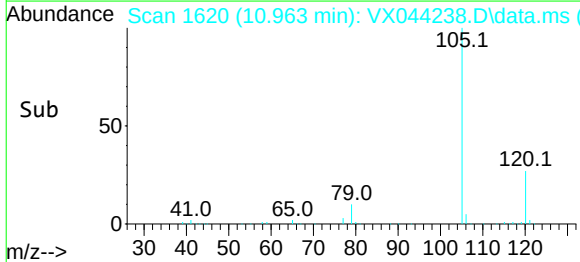
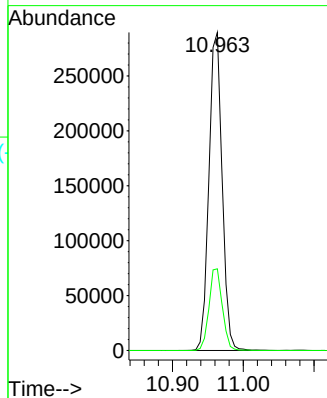
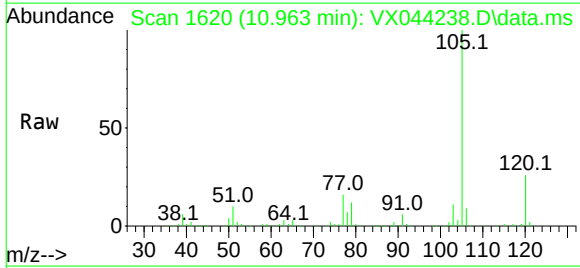
120 26.0 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#74

N-ethyl acetate

Concen: 51.074 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Tgt Ion: 43 Resp: 180809

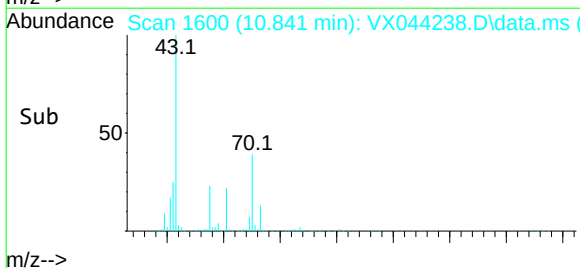
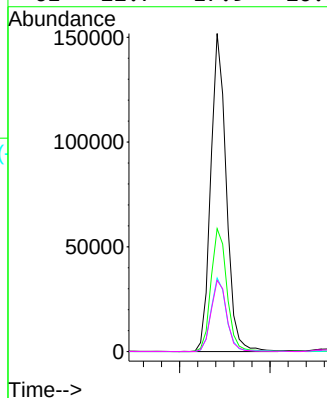
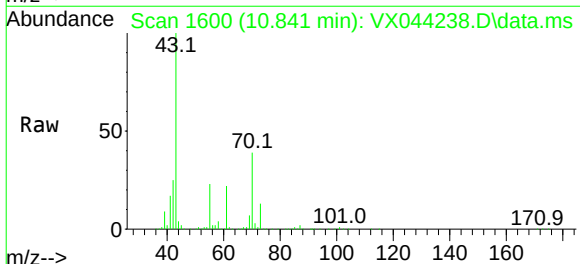
Ion Ratio Lower Upper

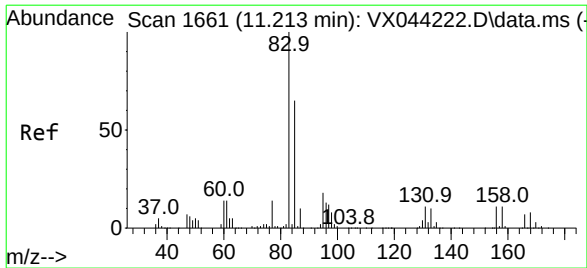
43 100

70 39.9 31.9 47.9

55 23.3 17.9 26.9

61 22.7 17.9 26.9





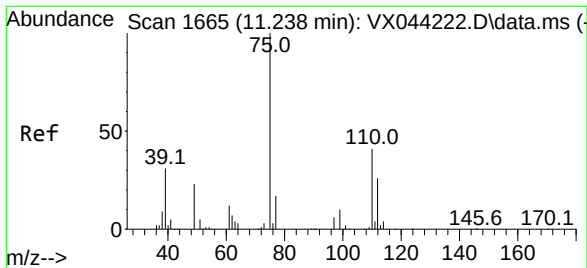
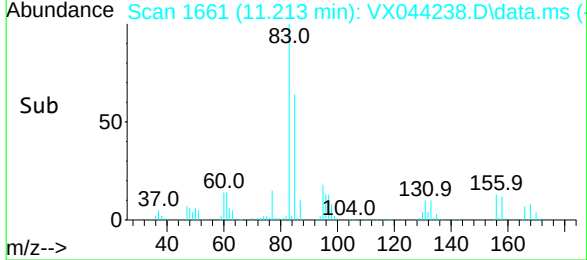
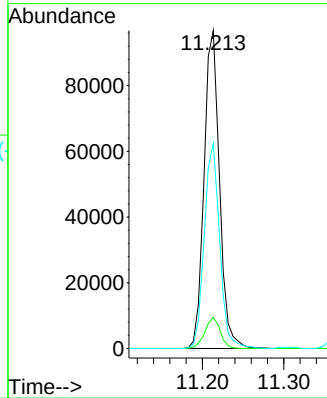
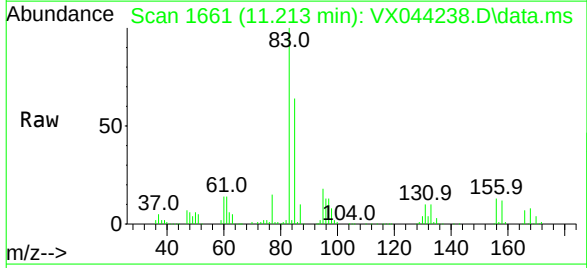
#75
1,1,2,2-Tetrachloroethane
Concen: 47.962 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 127605
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.4
85 64.4 32.5 97.4

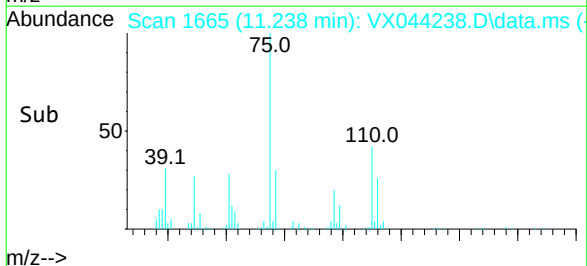
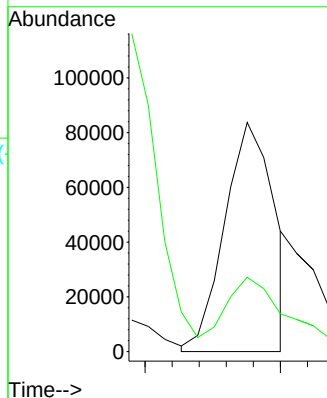
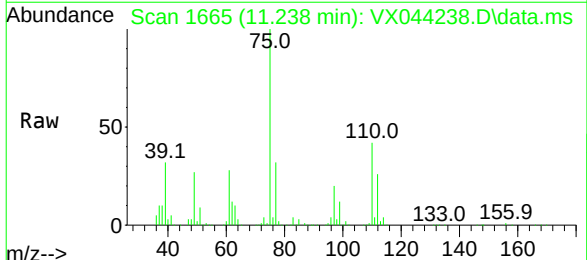
Manual Integrations
APPROVED

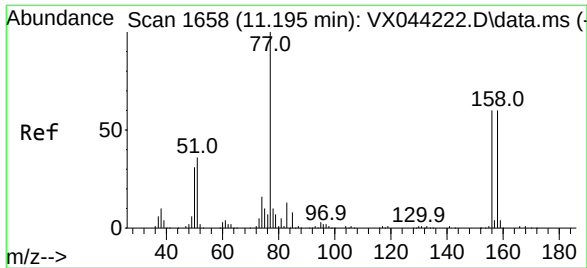
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#76
1,2,3-Trichloropropane
Concen: 47.635 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

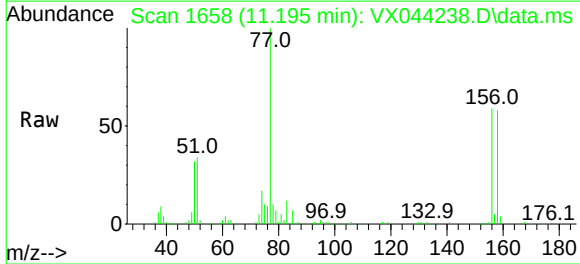
Tgt Ion: 75 Resp: 106422
Ion Ratio Lower Upper
75 100
77 41.3 20.9 62.7





#77
Bromobenzene
Concen: 48.039 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

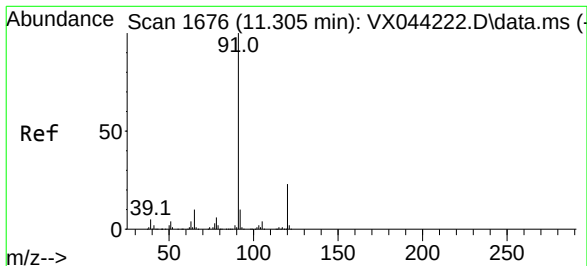
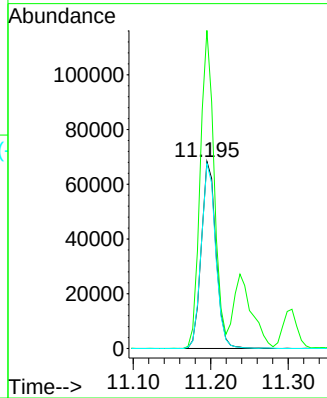
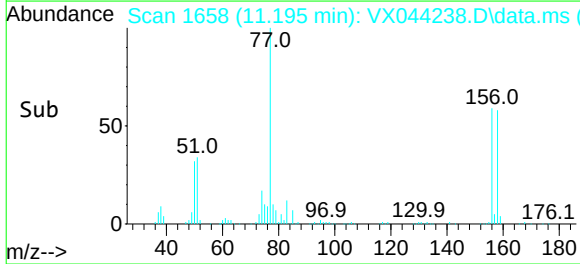
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 89233
Ion Ratio Lower Upper
156 100
77 162.7 82.6 247.8
158 98.0 48.8 146.4

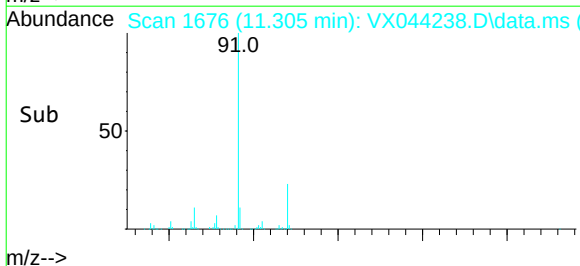
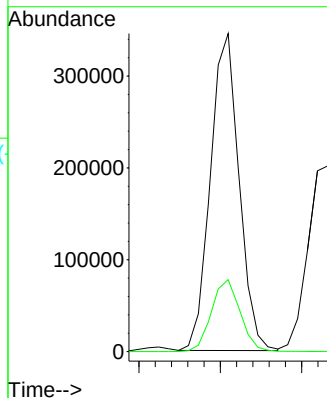
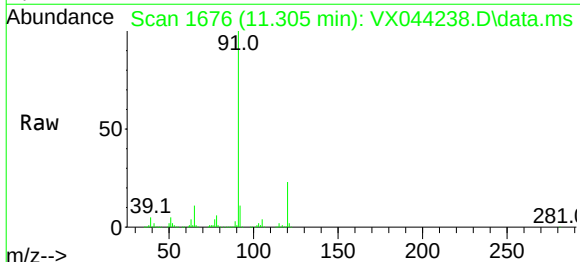
Manual Integrations
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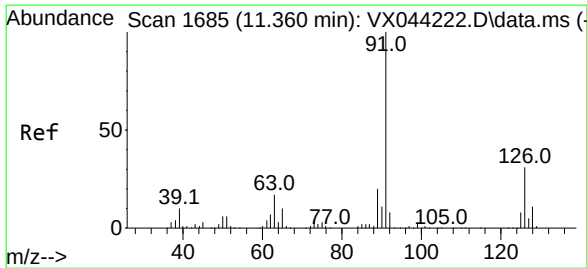
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#78
n-propylbenzene
Concen: 49.861 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 91 Resp: 422140
Ion Ratio Lower Upper
91 100
120 22.8 11.0 33.0





#79

2-Chlorotoluene

Concen: 47.566 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 260441

Ion Ratio Lower Upper

91 100

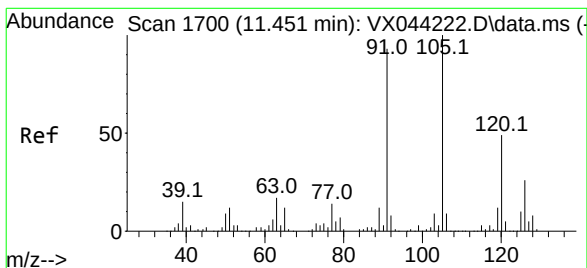
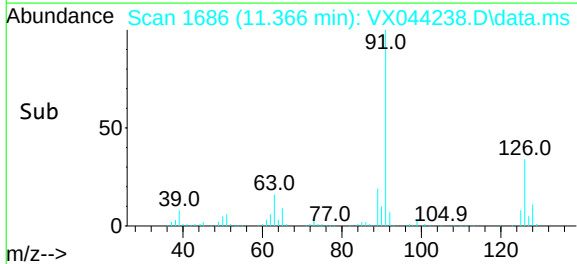
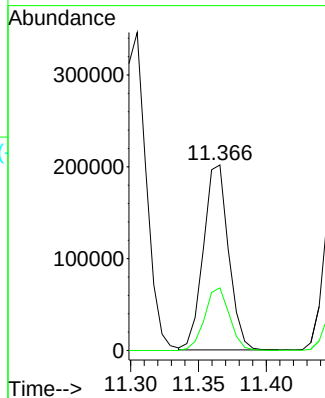
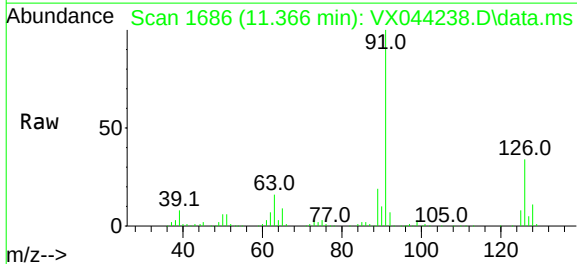
126 33.3 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#80

1,3,5-Trimethylbenzene

Concen: 49.286 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044238.D

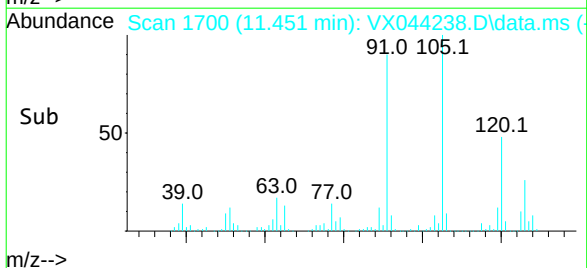
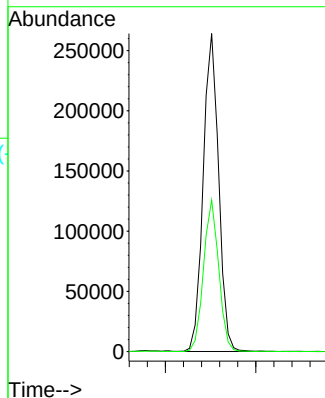
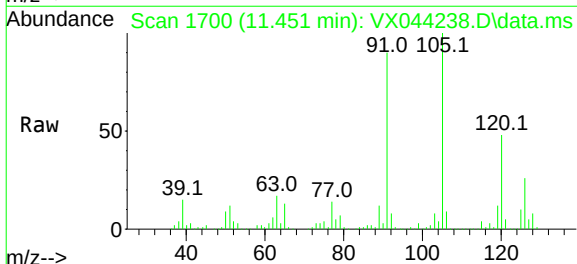
Acq: 11 Dec 2024 19:14

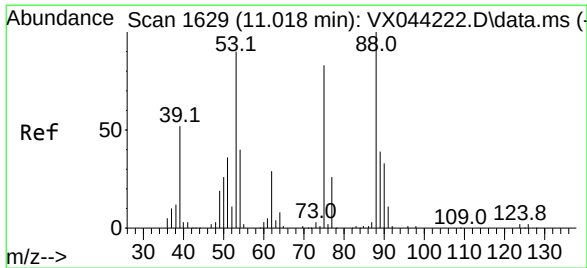
Tgt Ion:105 Resp: 313078

Ion Ratio Lower Upper

105 100

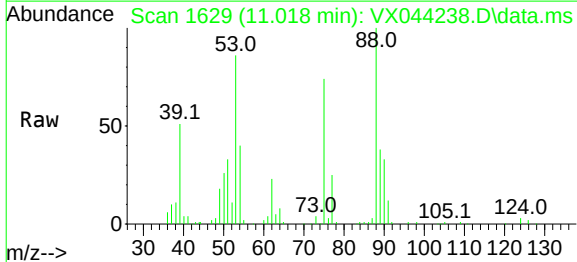
120 46.9 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 44.852 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

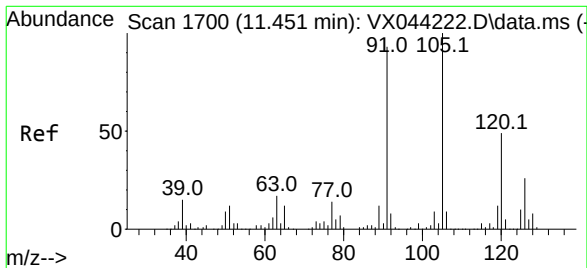
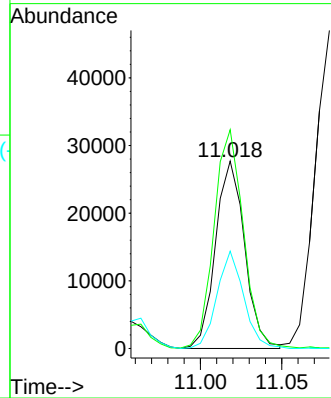
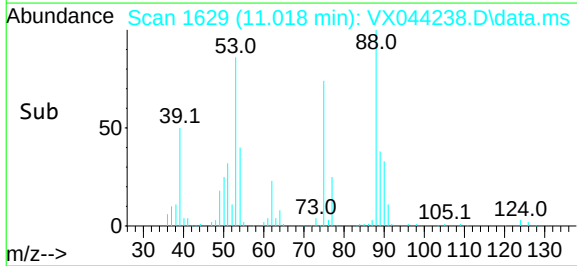
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 34465
Ion Ratio Lower Upper
75 100
53 117.5 93.6 140.4
89 47.7 37.3 55.9

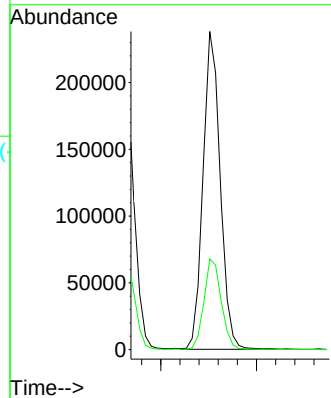
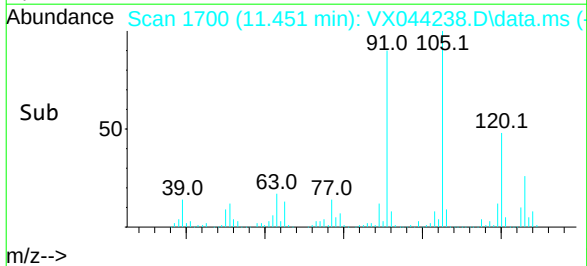
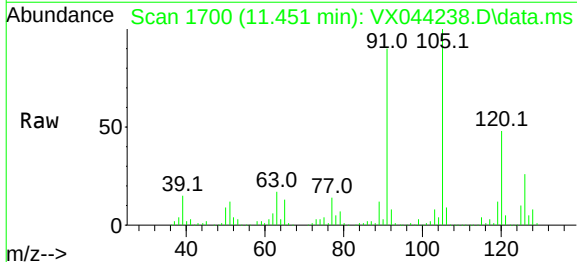
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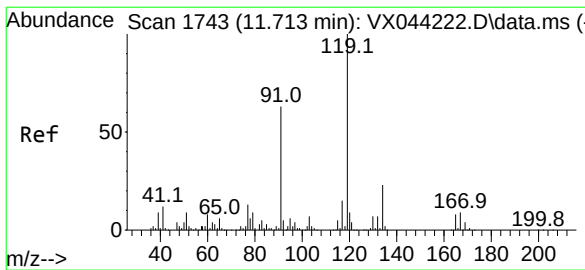
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#82
4-Chlorotoluene
Concen: 48.826 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 91 Resp: 296046
Ion Ratio Lower Upper
91 100
126 29.0 14.5 43.5





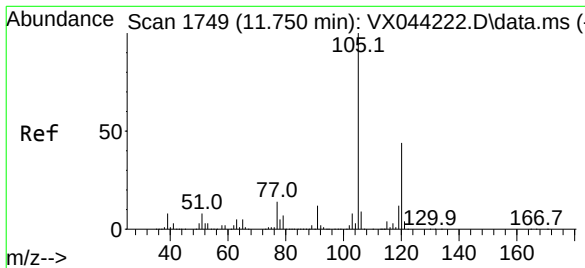
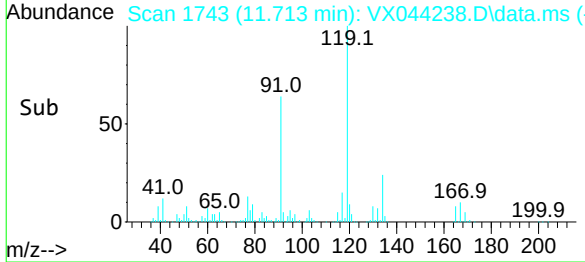
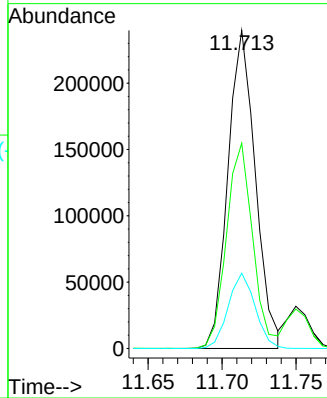
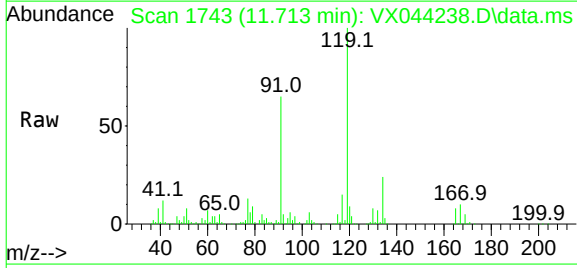
#83
tert-Butylbenzene
Concen: 49.224 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 309021
Ion Ratio Lower Upper
119 100
91 62.2 30.9 92.5
134 23.3 11.5 34.4

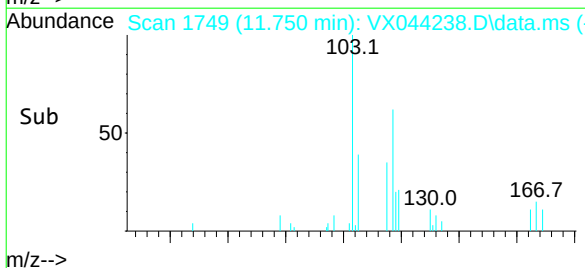
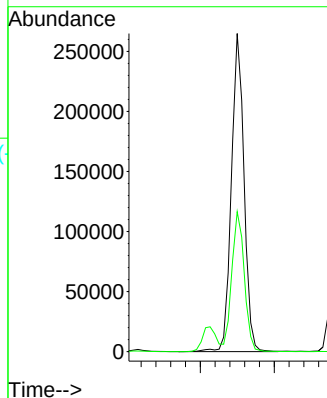
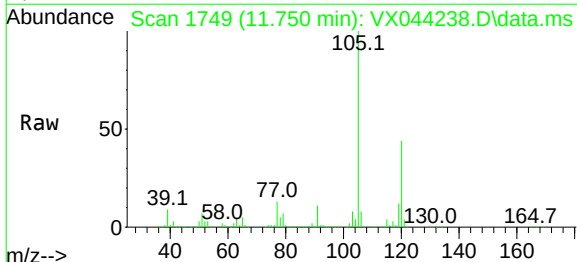
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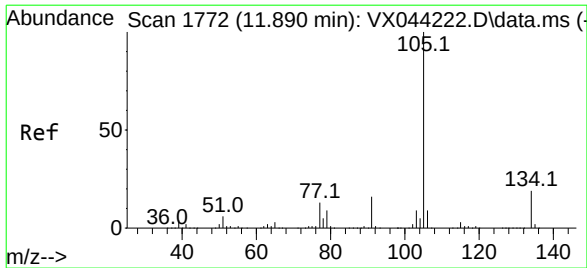
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#84
1,2,4-Trimethylbenzene
Concen: 50.297 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion:105 Resp: 313779
Ion Ratio Lower Upper
105 100
120 43.4 21.7 65.1





#85

sec-Butylbenzene

Concen: 49.088 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 374108

Ion Ratio Lower Upper

105 100

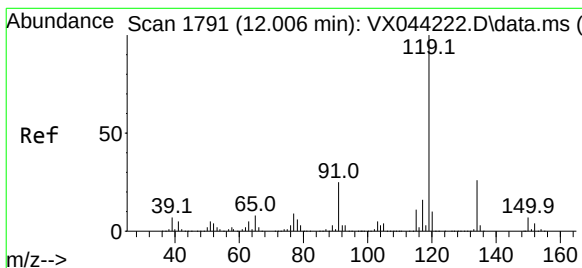
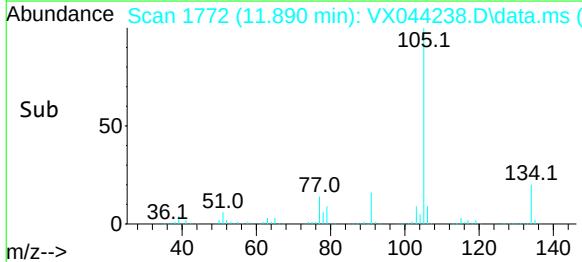
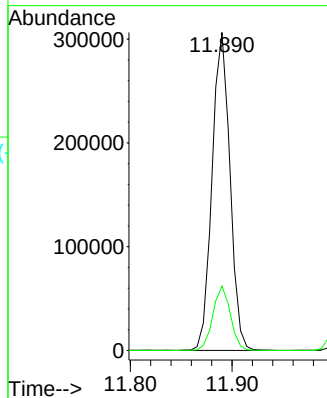
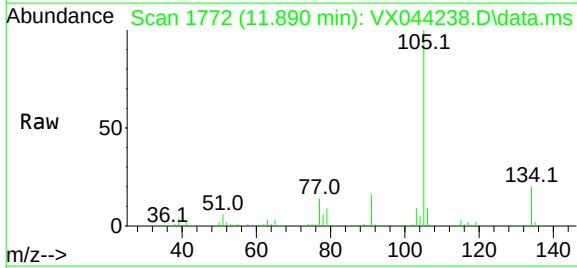
134 19.9 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#86

p-Isopropyltoluene

Concen: 49.805 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

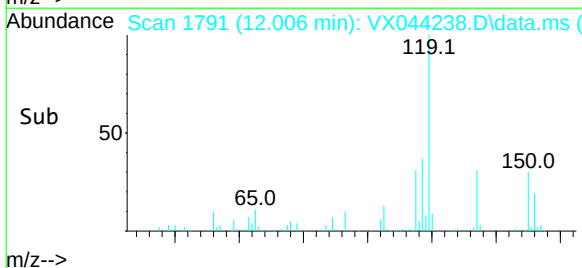
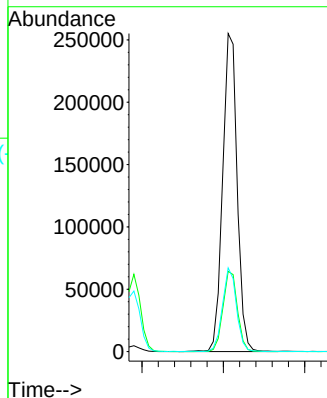
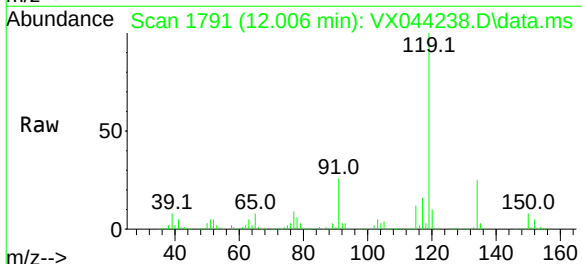
Tgt Ion:119 Resp: 315922

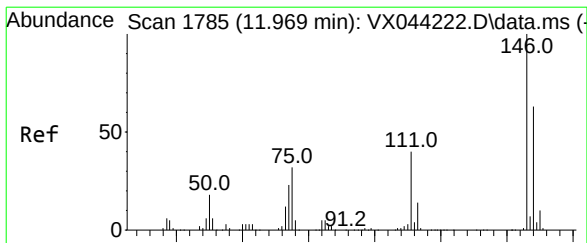
Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

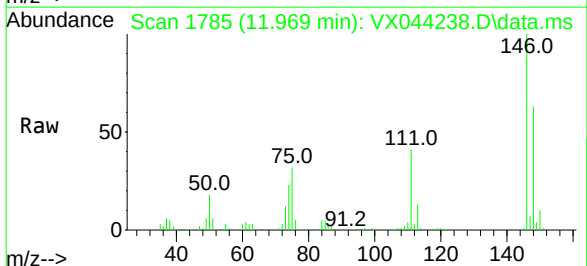
91 25.3 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 48.859 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

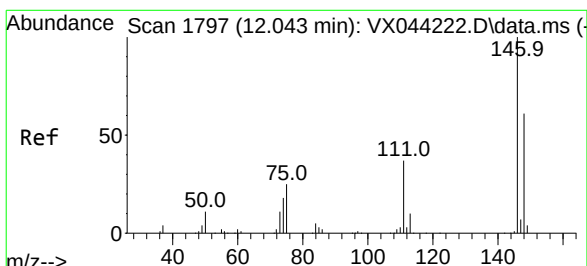
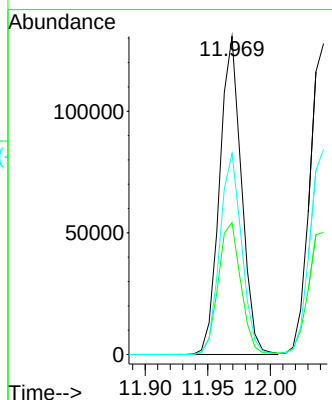
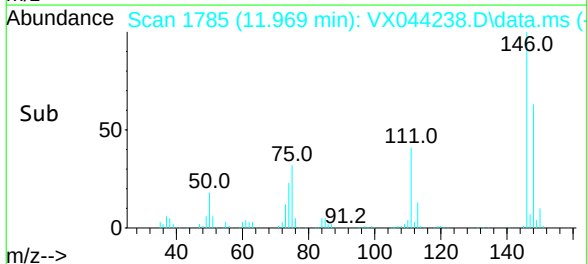
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 158536
Ion Ratio Lower Upper
146 100
111 43.2 21.4 64.2
148 63.3 31.7 95.1

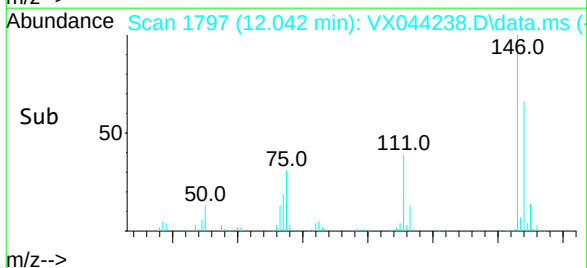
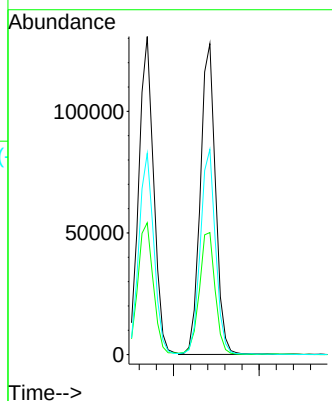
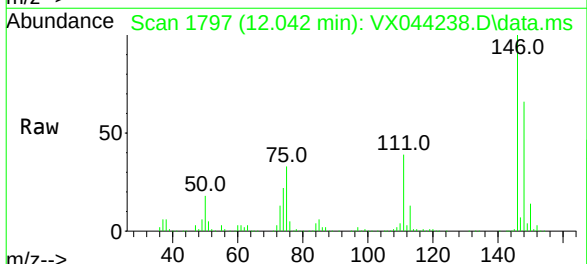
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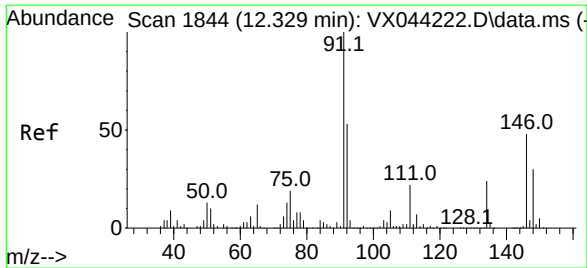
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#88
1,4-Dichlorobenzene
Concen: 47.302 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX044238.D
Acq: 11 Dec 2024 19:14

Tgt Ion:146 Resp: 157773
Ion Ratio Lower Upper
146 100
111 40.9 21.0 63.0
148 66.3 32.3 96.8





#89

n-Butylbenzene

Concen: 50.376 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 268700

Ion Ratio Lower Upper

91 100

92 53.9 26.6 79.7

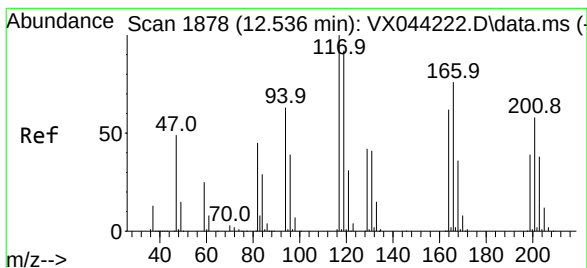
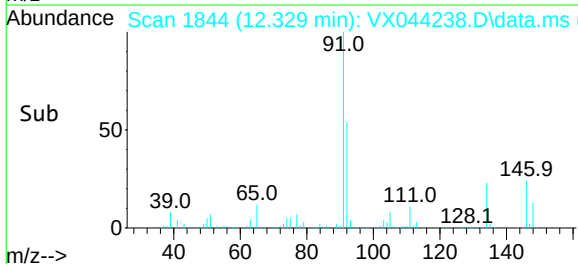
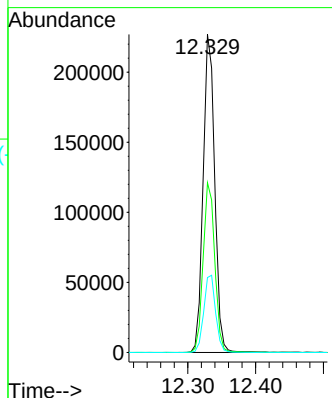
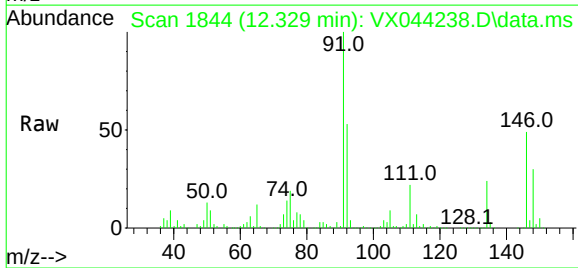
134 24.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#90

Hexachloroethane

Concen: 51.754 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044238.D

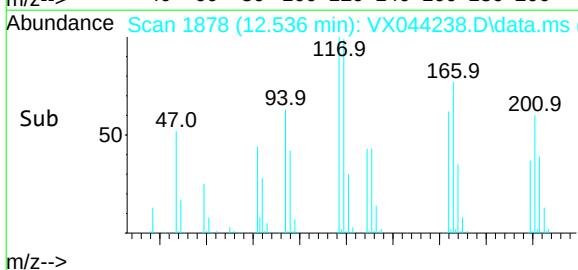
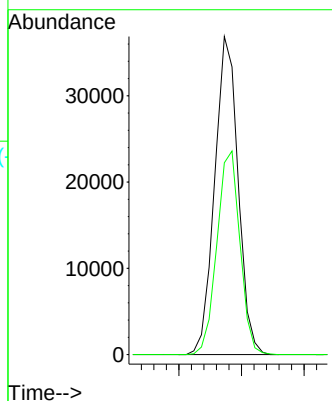
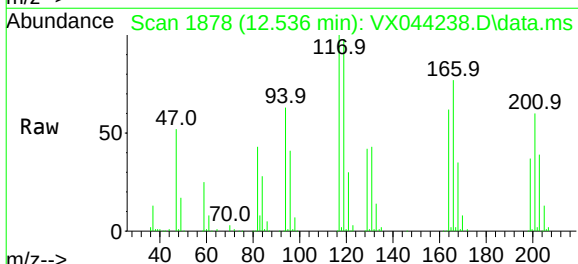
Acq: 11 Dec 2024 19:14

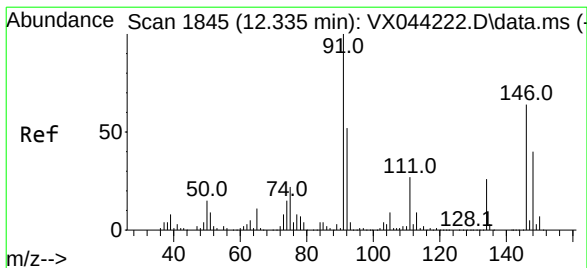
Tgt Ion:117 Resp: 47922

Ion Ratio Lower Upper

117 100

201 62.8 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 48.903 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044238.D

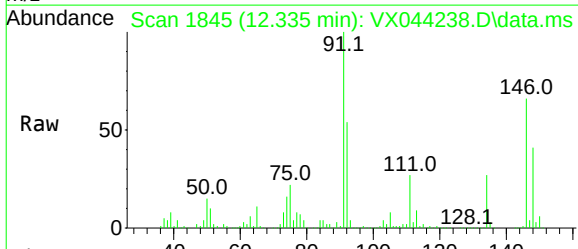
Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 164754

Ion Ratio Lower Upper

146 100

111 42.3 21.4 64.3

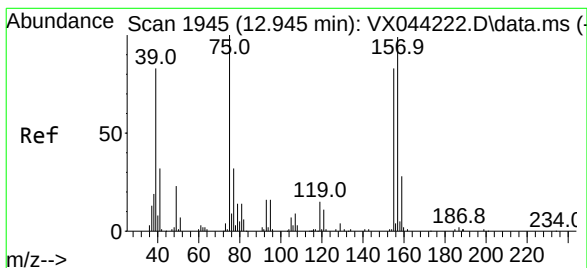
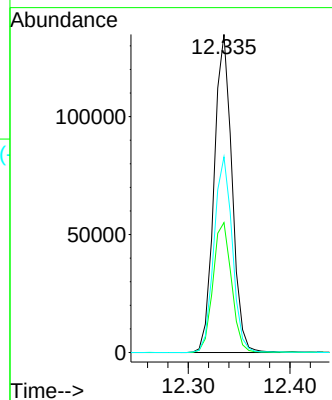
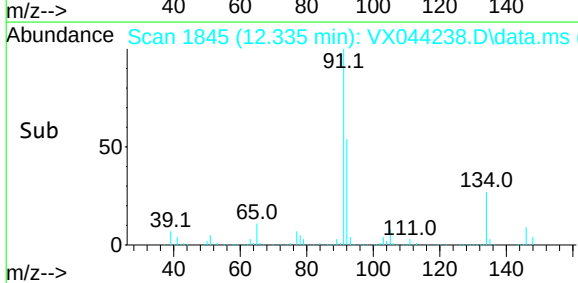
148 63.0 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.352 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

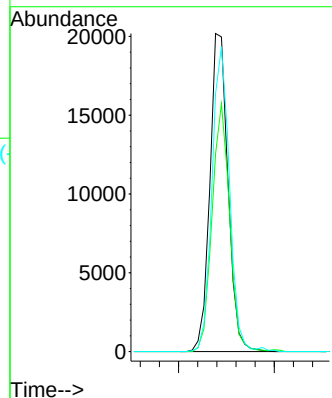
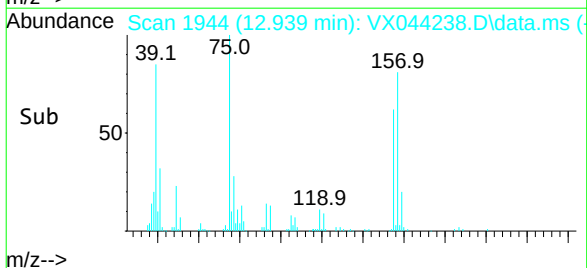
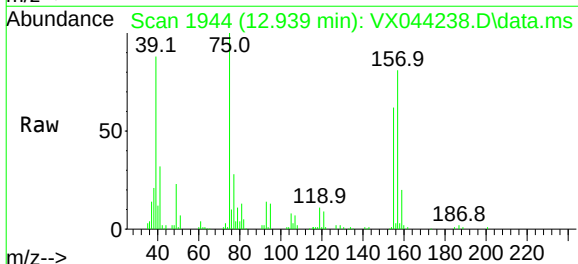
Tgt Ion: 75 Resp: 26522

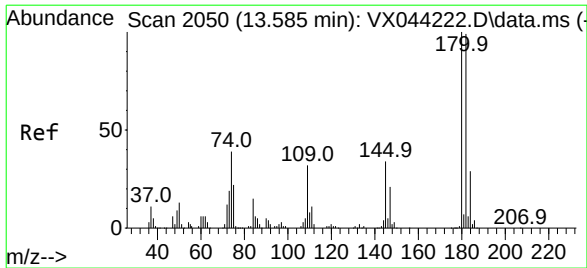
Ion Ratio Lower Upper

75 100

155 75.0 38.1 114.3

157 92.8 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 50.555 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

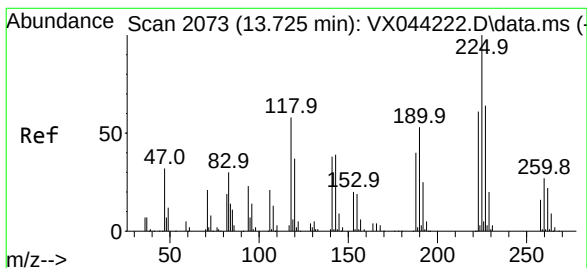
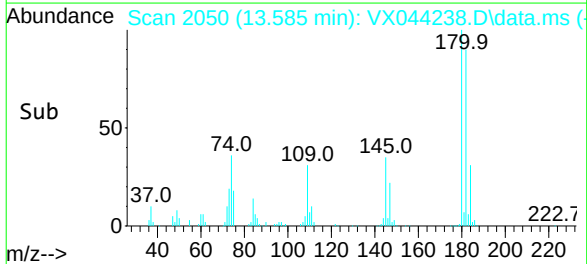
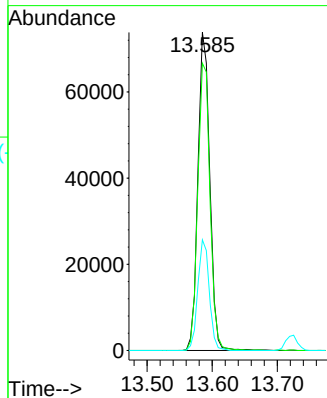
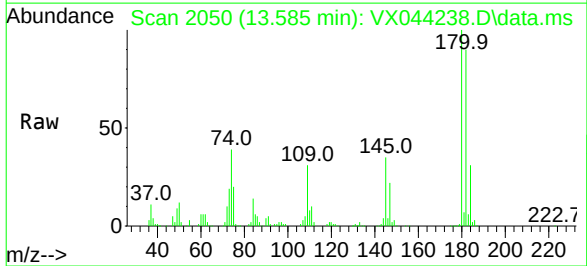
Tgt Ion:	180	Resp:	93376
Ion Ratio	Lower	Upper	
180	100		
182	93.2	48.0	144.2
145	33.7	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#94

Hexachlorobutadiene

Concen: 45.936 ug/l

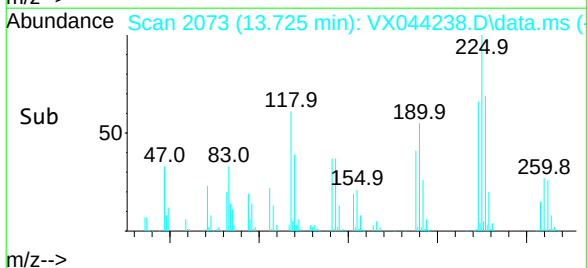
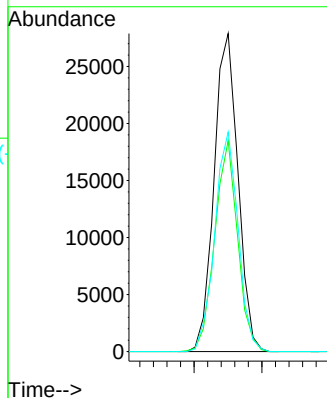
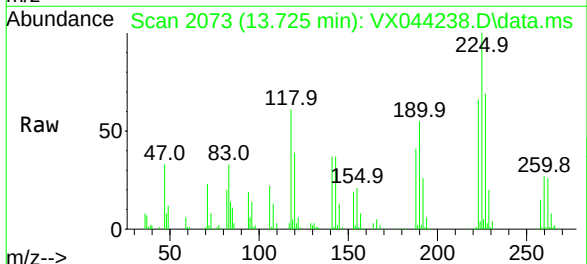
RT: 13.725 min Scan# 2073

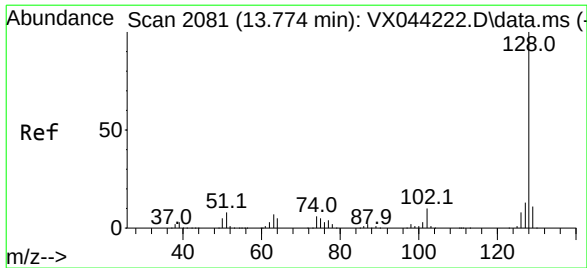
Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Tgt Ion:	225	Resp:	34128
Ion Ratio	Lower	Upper	
225	100		
223	63.3	30.8	92.4
227	67.7	32.1	96.3





#95

Naphthalene

Concen: 49.557 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

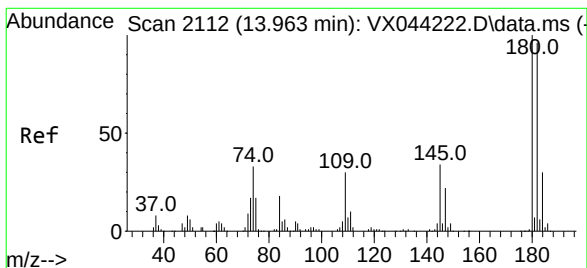
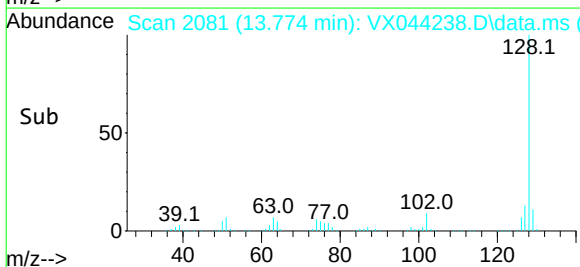
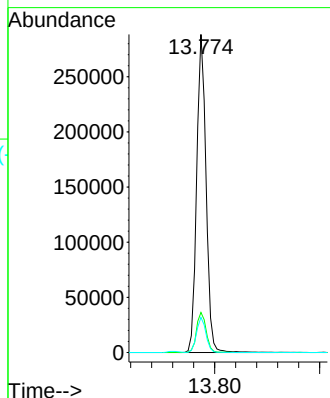
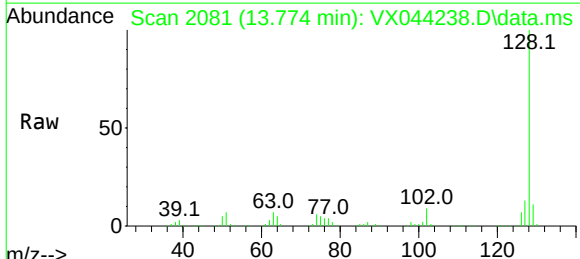
Tgt Ion:	128	Resp:	357288
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	11.0	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 48.593 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX044238.D

Acq: 11 Dec 2024 19:14

Tgt Ion:	180	Resp:	95197
Ion Ratio	Lower	Upper	
180	100		
182	97.1	48.0	144.0
145	36.8	17.7	53.1

