

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120621\
 Data File : VW023808.D
 Acq On : 06 Dec 2021 19:20
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 07 05:34:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	171447	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	159498	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	85791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69125	4.911	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.568	69	49008	4.430	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.108	63	108615	4.379	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.912	46	119904	70.867	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.740%#
24) Chloroform-d	4.349	84	122442	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.034	65	55716	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.050	84	241654	5.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.200%
36) 1,2-Dichloropropane-d6	6.069	67	68389	5.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.200%
41) Toluene-d8	7.317	98	231896	5.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.200%
43) trans-1,3-Dichloroprop...	7.622	79	27828	5.668	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.400%
46) 2-Hexanone-d5	8.091	63	113116	69.342	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	138.680%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47014	5.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	83647	5.515	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	66266	4.074	ug/L	99
3) Chloromethane	1.240	50	56252	3.978	ug/L	99
5) Vinyl chloride	1.310	62	59539	4.009	ug/L	97
6) Bromomethane	1.519	94	26916	3.196	ug/L	96
8) Chloroethane	1.584	64	37455	3.980	ug/L	99
9) Trichlorofluoromethane	1.751	101	97927	4.047	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	49235	4.060	ug/L	99
12) 1,1-Dichloroethene	2.117	96	46815	4.076	ug/L	90
13) Acetone	2.204	43	69596	45.712	ug/L	83
14) Carbon disulfide	2.291	76	151775	3.931	ug/L	99
15) Methyl Acetate	2.445	43	16597	4.803	ug/L	99
16) Methylene chloride	2.506	84	59534	3.632	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	124865	5.304	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	58542	4.475	ug/L	99
19) 1,1-Dichloroethane	3.188	63	103405	4.700	ug/L	97
21) 2-Butanone	3.992	43	99431	51.598	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	63443	5.056	ug/L	98
23) Bromochloromethane	4.252	128	27675	4.700	ug/L	93
25) Chloroform	4.375	83	110323	4.501	ug/L	100

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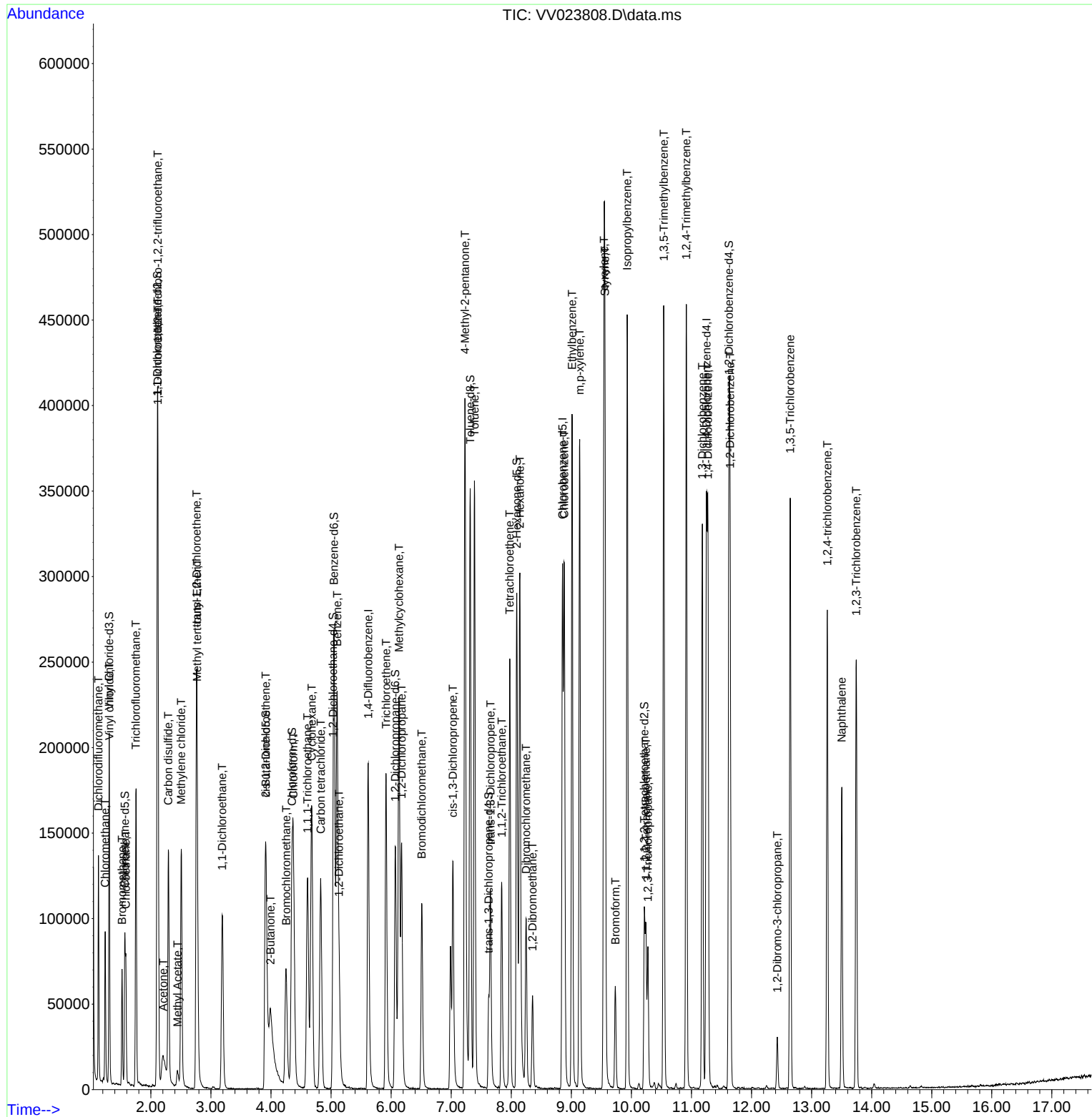
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	60315	4.629	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	101154	4.853	ug/L	99
30) Cyclohexane	4.677	56	92086	5.294	ug/L	97
31) Carbon tetrachloride	4.828	117	91720	4.804	ug/L	98
33) Benzene	5.101	78	233831	5.142	ug/L	100
34) Trichloroethene	5.915	95	61953	5.086	ug/L	97
35) Methylcyclohexane	6.130	83	96714	5.093	ug/L	98
37) 1,2-Dichloropropane	6.175	63	54822	5.072	ug/L	99
38) Bromodichloromethane	6.509	83	74327	5.067	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	82612	5.371	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	288151	55.847	ug/L	99
42) Toluene	7.387	91	256886	5.209	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	67982	5.259	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	39081	5.222	ug/L	99
47) Tetrachloroethene	7.976	164	58213	5.251	ug/L	99
48) 2-Hexanone	8.143	43	202328	53.055	ug/L	98
49) Dibromochloromethane	8.246	129	51541	5.025	ug/L	99
50) 1,2-Dibromoethane	8.355	107	37132	5.088	ug/L	94
51) Chlorobenzene	8.882	112	166042	5.079	ug/L	100
52) Ethylbenzene	9.011	91	275342	5.342	ug/L	99
53) m,p-xylene	9.140	106	109022	5.314	ug/L	99
54) o-xylene	9.545	106	104013	5.331	ug/L	100
55) Styrene	9.561	104	176038	5.355	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	43046	5.169	ug/L	99
59) Bromoform	9.734	173	28134	4.966	ug/L	100
60) Isopropylbenzene	9.931	105	286089	5.585	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	31305	5.145	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	236384	5.546	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	242698	5.758	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	135332	5.167	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	131857	5.009	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	122036	5.091	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6994	5.789	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	107674	5.266	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	85239	5.372	ug/L	97
71) Naphthalene	13.503	128	134495	6.299	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	75963	5.525	ug/L	98

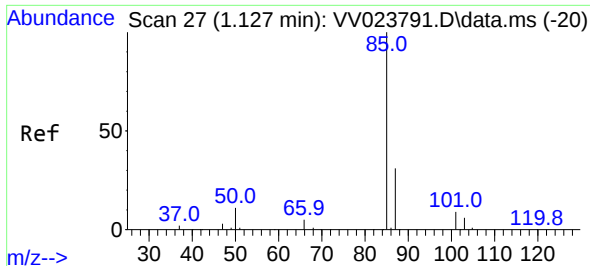
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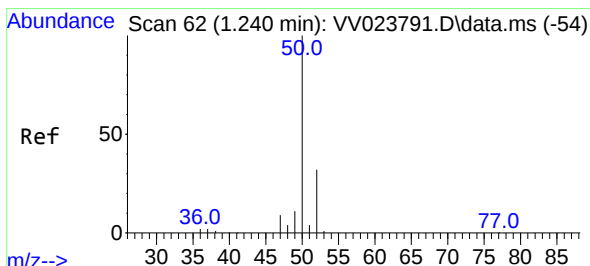
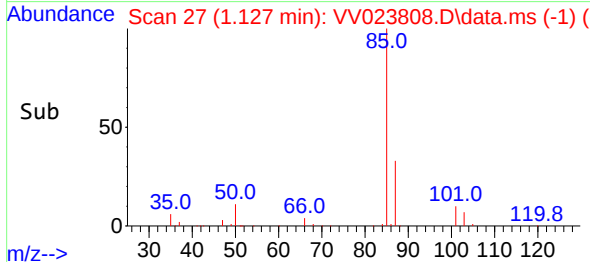
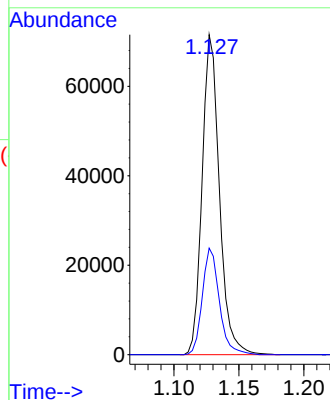
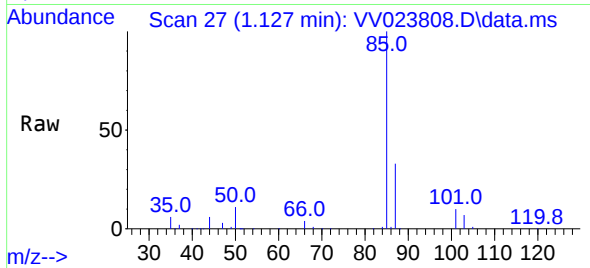




#2
Dichlorodifluoromethane
Concen: 4.074 ug/L
RT: 1.127 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

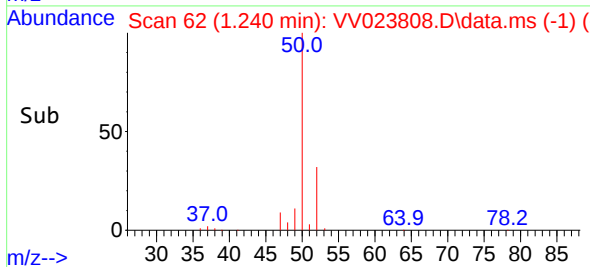
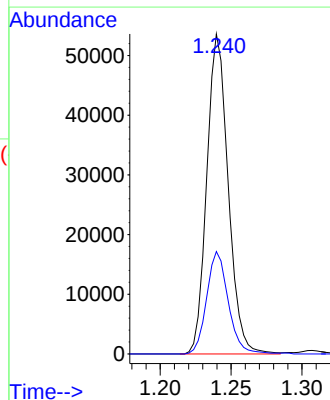
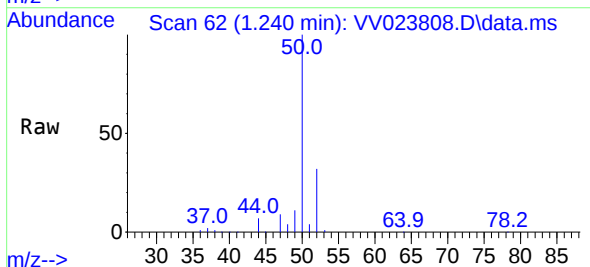
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MSVOA_V
ClientSampleId :

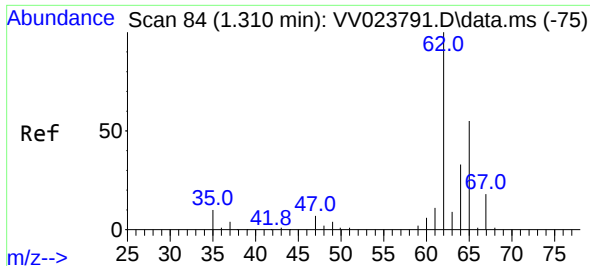
Tgt Ion: 85 Resp: 66266
Ion Ratio Lower Upper
85 100
87 32.8 26.0 39.0



#3
Chloromethane
Concen: 3.978 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Tgt Ion: 50 Resp: 56252
Ion Ratio Lower Upper
50 100
52 32.0 22.0 41.0

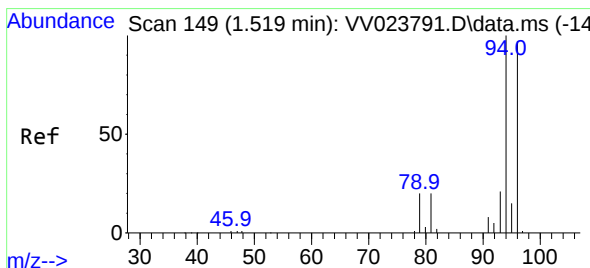
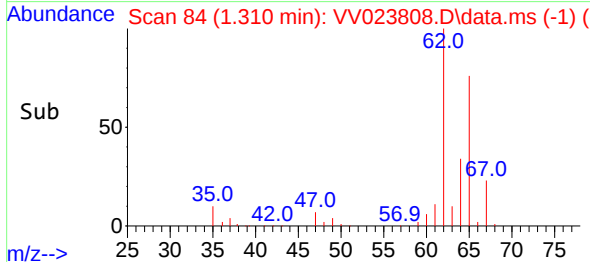
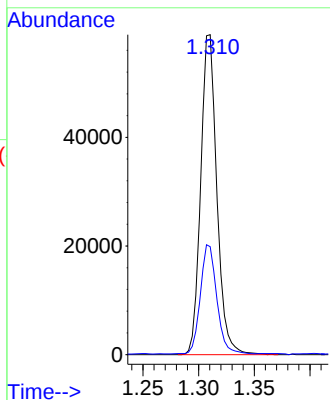
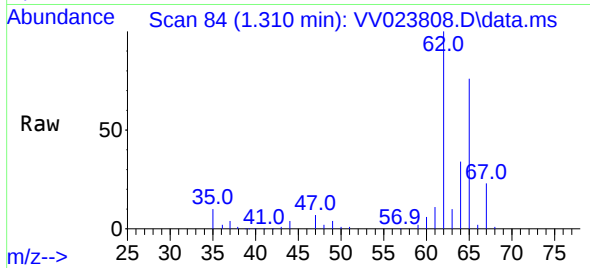




#5
 Vinyl chloride
 Concen: 4.009 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023808.D
 Acq: 06 Dec 2021 19:20

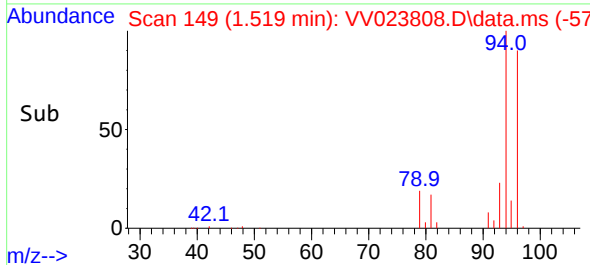
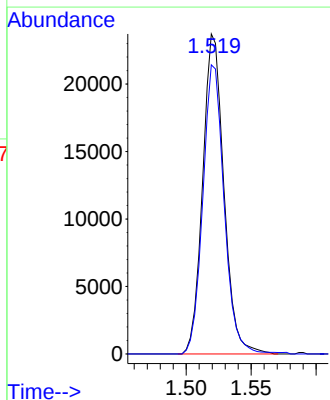
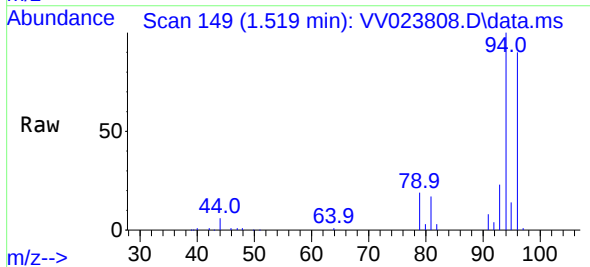
Instrument :
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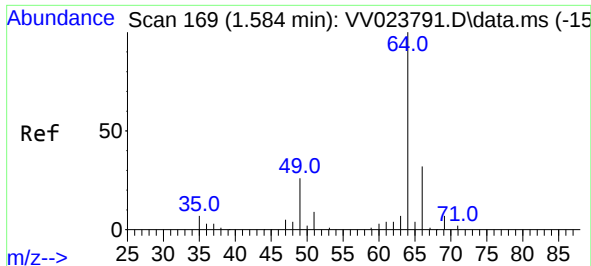
Tgt Ion: 62 Resp: 59539
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.4 41.6



#6
 Bromomethane
 Concen: 3.196 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023808.D
 Acq: 06 Dec 2021 19:20

Tgt Ion: 94 Resp: 26916
 Ion Ratio Lower Upper
 94 100
 96 90.4 66.2 123.0

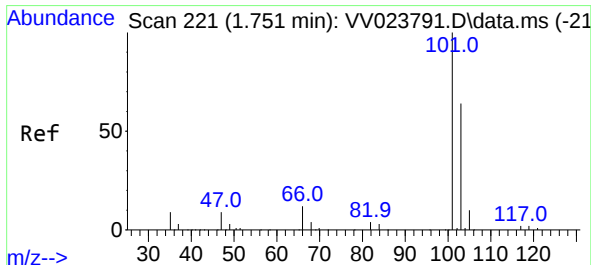
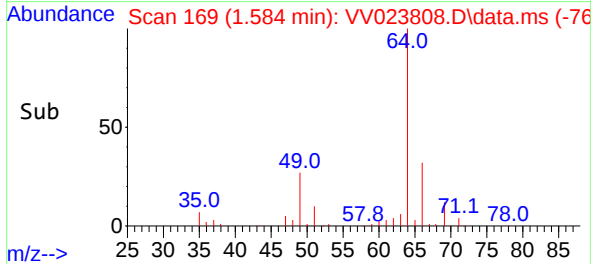
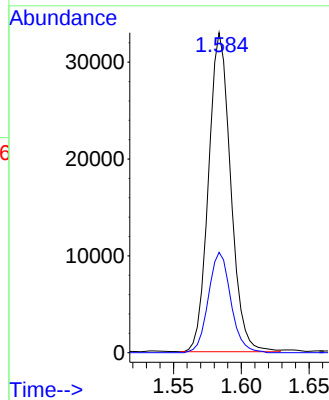
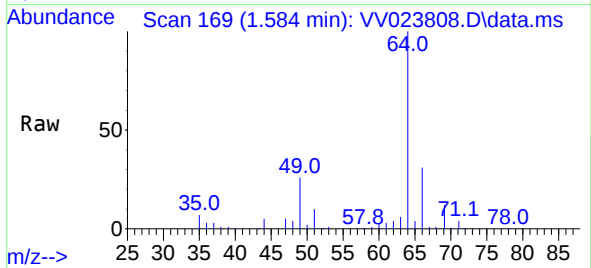




#8
Chloroethane
Concen: 3.980 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

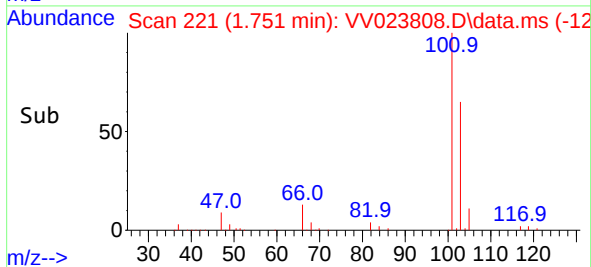
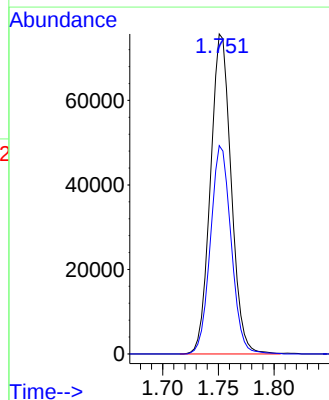
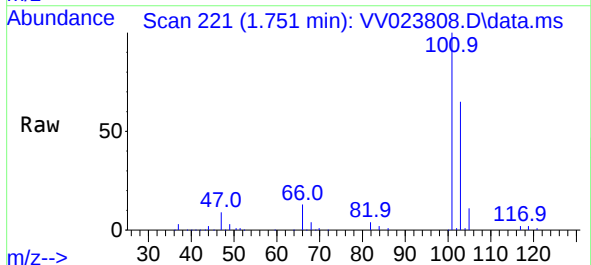
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ClientSampleId :

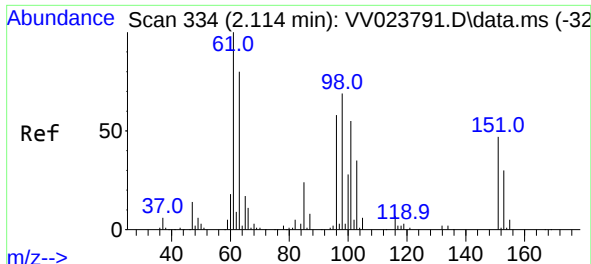
Tgt Ion: 64 Resp: 37455
Ion Ratio Lower Upper
64 100
66 31.3 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.047 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Tgt Ion:101 Resp: 97927
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

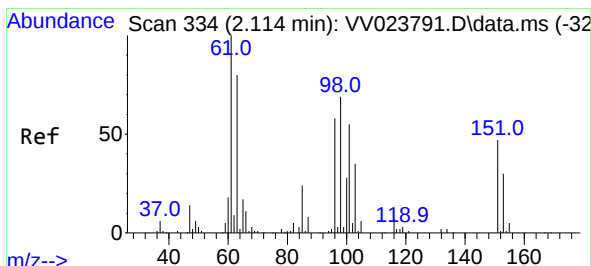
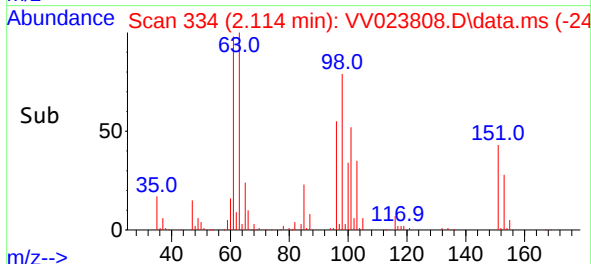
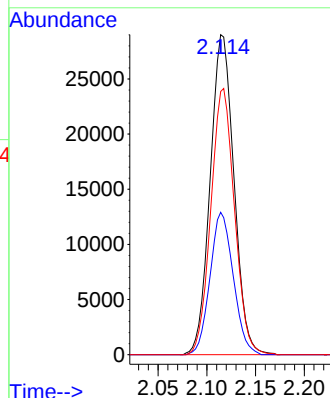
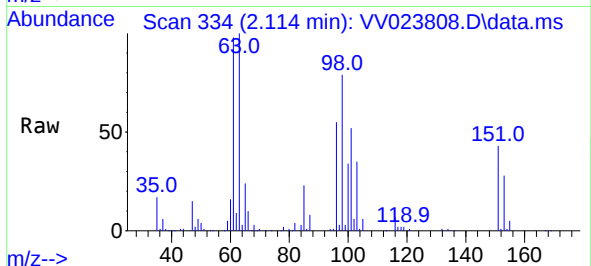




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.060 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV023808.D
 Acq: 06 Dec 2021 19:20

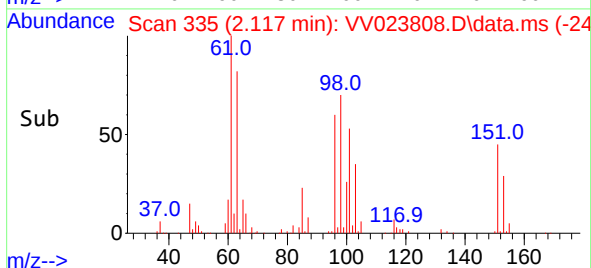
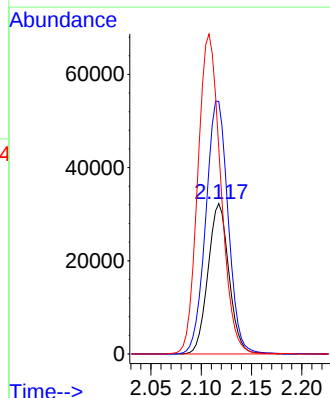
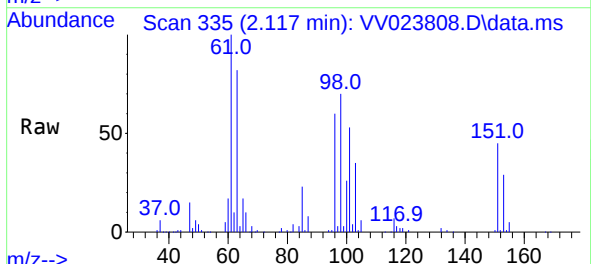
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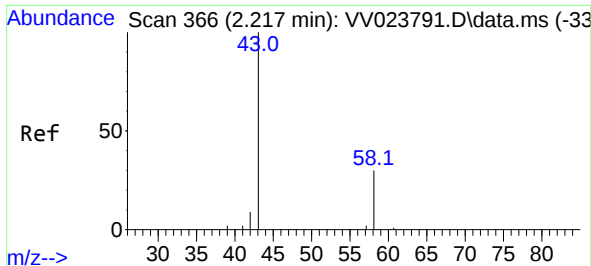
Tgt Ion:101 Resp: 49235
 Ion Ratio Lower Upper
 101 100
 85 43.5 36.0 54.0
 151 82.9 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 4.076 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV023808.D
 Acq: 06 Dec 2021 19:20

Tgt Ion: 96 Resp: 46815
 Ion Ratio Lower Upper
 96 100
 61 167.8 116.1 215.5
 63 137.0 79.4 147.4





#13

Acetone

Concen: 45.712 ug/L

RT: 2.204 min Scan# 3

Delta R.T. -0.019 min

Lab File: VV023808.D

Acq: 06 Dec 2021 19:20

Instrument :

MSVOA_V

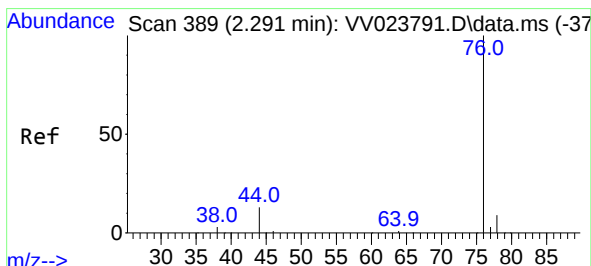
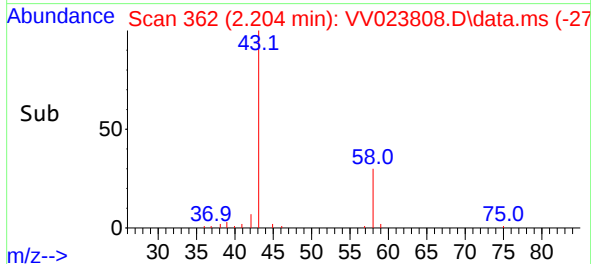
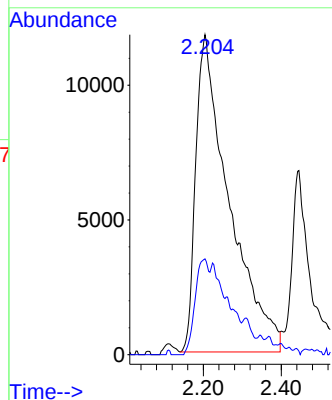
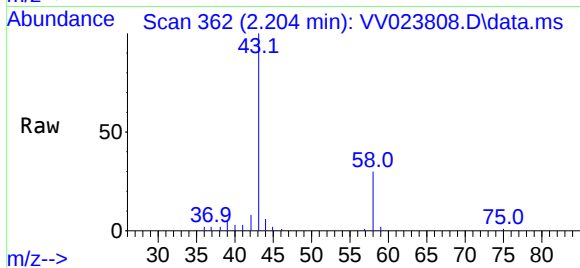
ClientSampleId :

Tgt Ion: 43 Resp: 69596

Ion Ratio Lower Upper

43 100

58 12.8 0.0 41.4



#14

Carbon disulfide

Concen: 3.931 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV023808.D

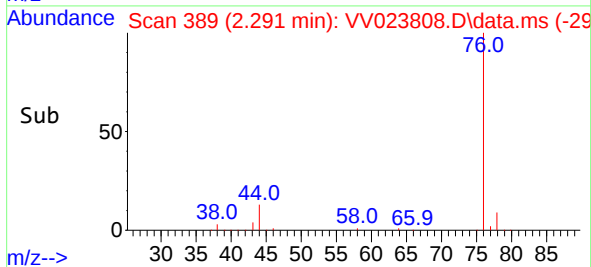
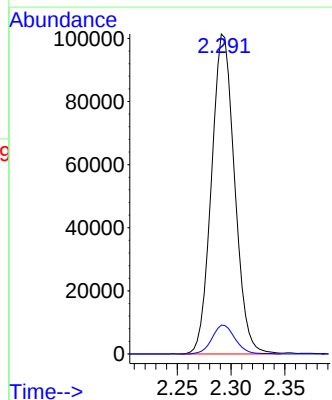
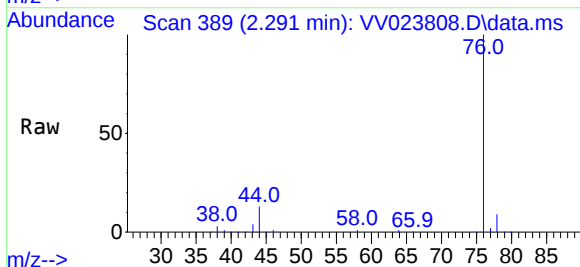
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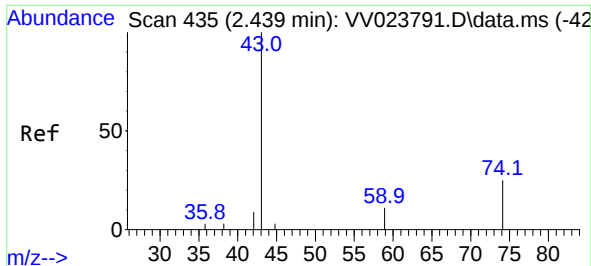
Tgt Ion: 76 Resp: 151775

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

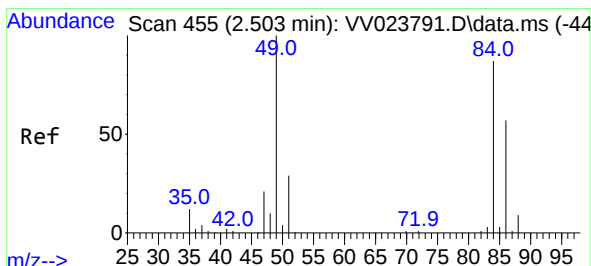
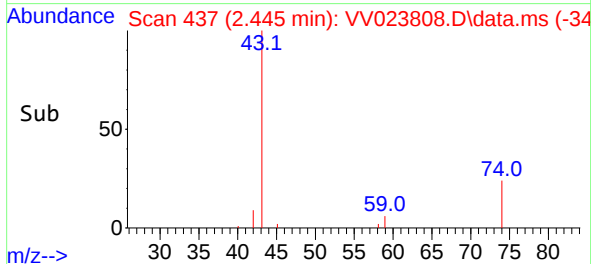
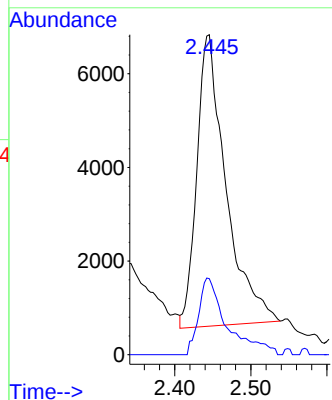
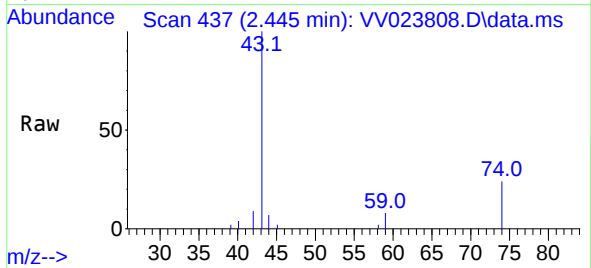




#15
Methyl Acetate
Concen: 4.803 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

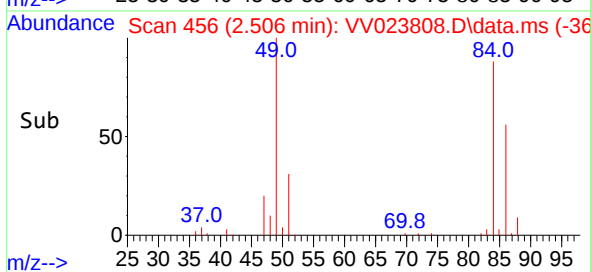
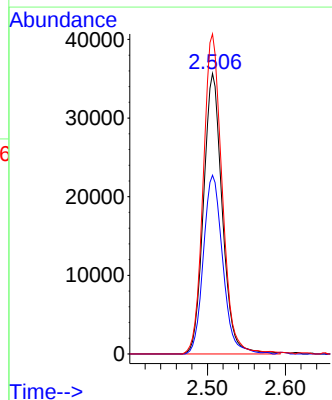
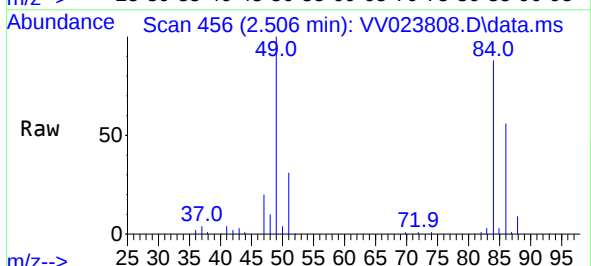
Instrument :
MSVOA_V
ClientSampleId :

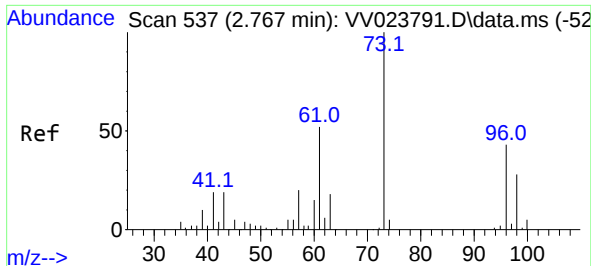
Tgt Ion: 43 Resp: 16597
Ion Ratio Lower Upper
43 100
74 25.5 20.2 30.2



#16
Methylene chloride
Concen: 3.632 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

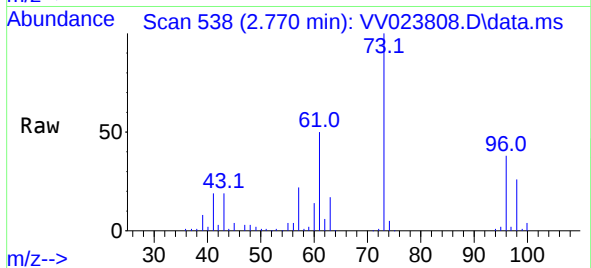
Tgt Ion: 84 Resp: 59534
Ion Ratio Lower Upper
84 100
86 63.7 42.6 79.0
49 114.1 79.7 147.9



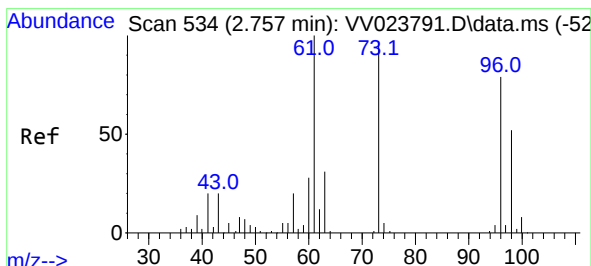
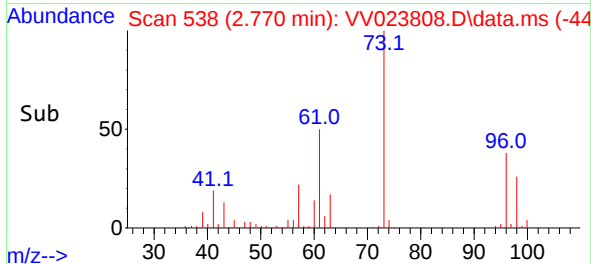
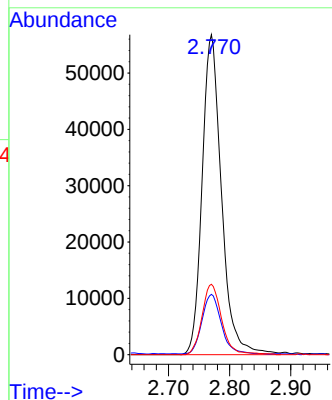


#17
Methyl tert-butyl Ether
Concen: 5.304 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Instrument :
MSVOA_V
ClientSampleId :

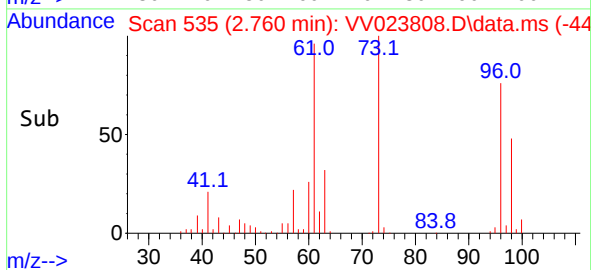
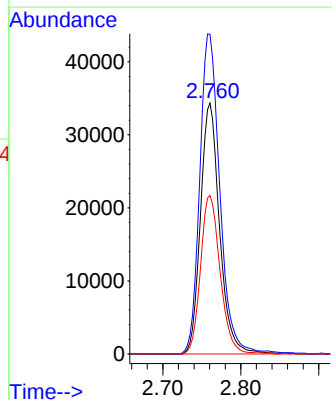
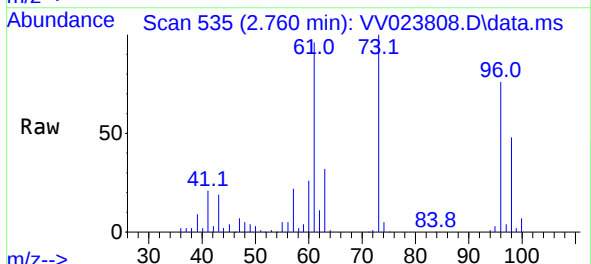


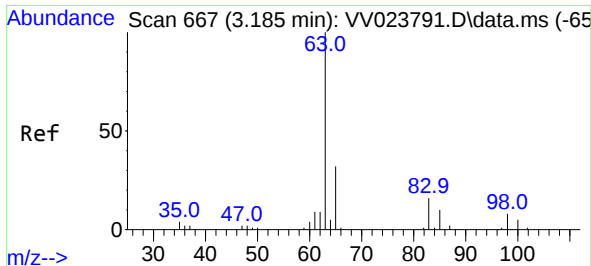
Tgt Ion: 73 Resp: 124865
Ion Ratio Lower Upper
73 100
43 18.7 15.5 23.3
57 22.4 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.475 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Tgt Ion: 96 Resp: 58542
Ion Ratio Lower Upper
96 100
61 127.4 88.2 163.8
98 63.2 44.9 83.5

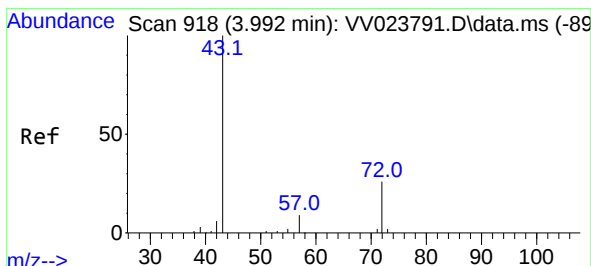
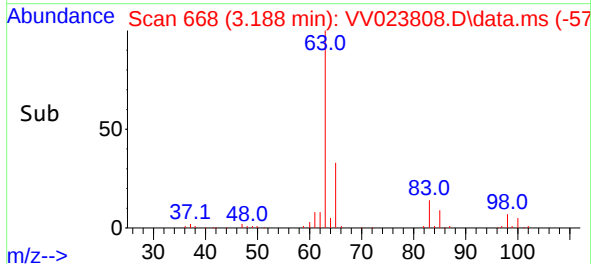
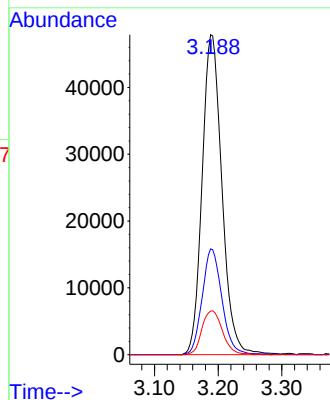
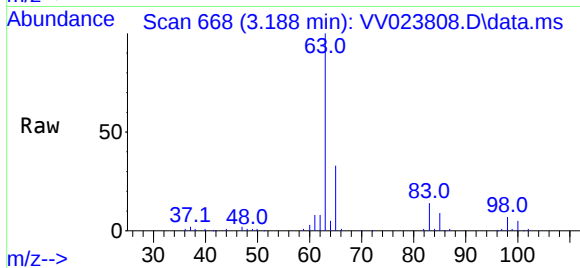




#19
1,1-Dichloroethane
Concen: 4.700 ug/L
RT: 3.188 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

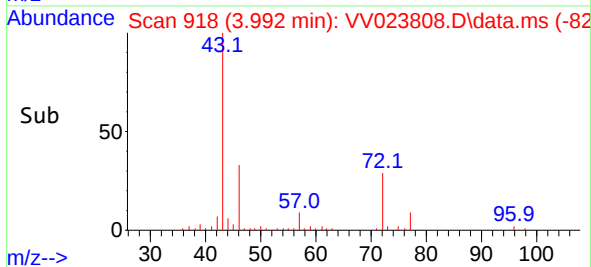
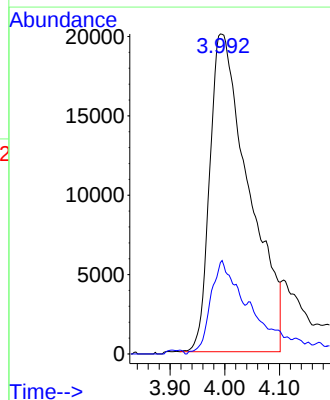
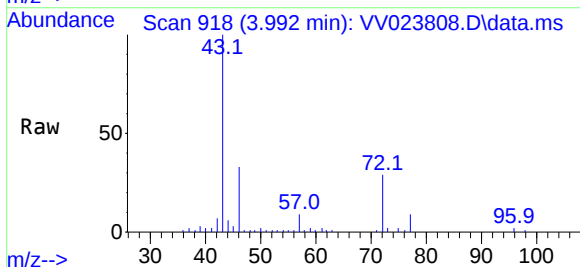
Instrument :
MSVOA_V
ClientSampleId :

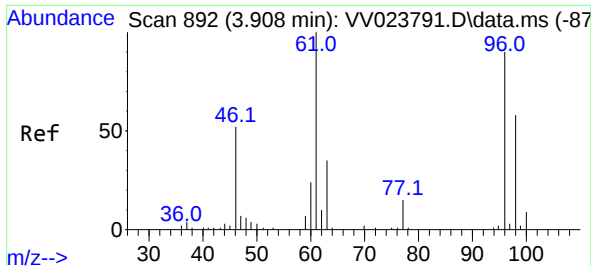
Tgt Ion: 63 Resp: 103405
Ion Ratio Lower Upper
63 100
65 33.0 22.3 41.3
83 13.6 10.7 19.9



#21
2-Butanone
Concen: 51.598 ug/L
RT: 3.992 min Scan# 918
Delta R.T. -0.010 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Tgt Ion: 43 Resp: 99431
Ion Ratio Lower Upper
43 100
72 20.0 11.1 33.1

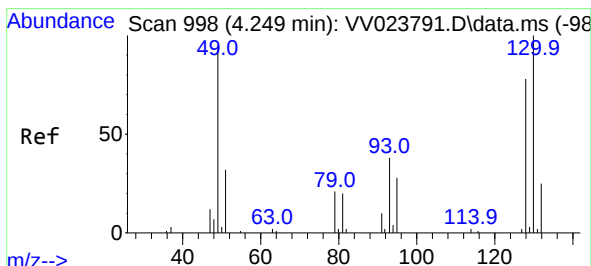
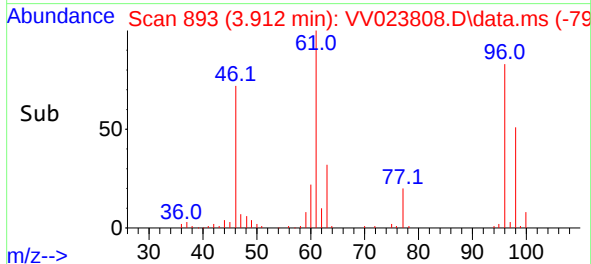
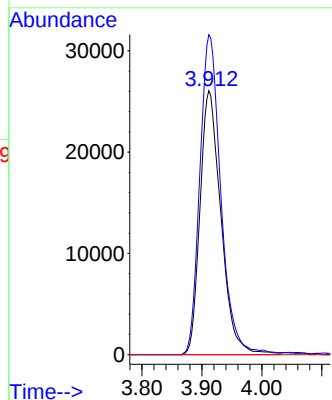
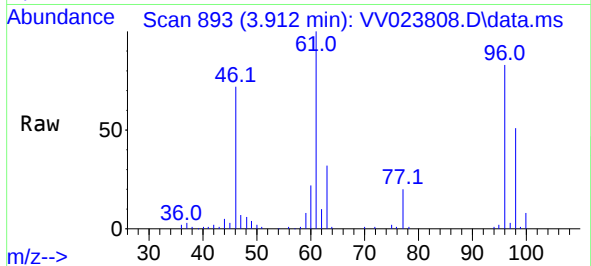




#22
cis-1,2-Dichloroethene
Concen: 5.056 ug/L
RT: 3.912 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

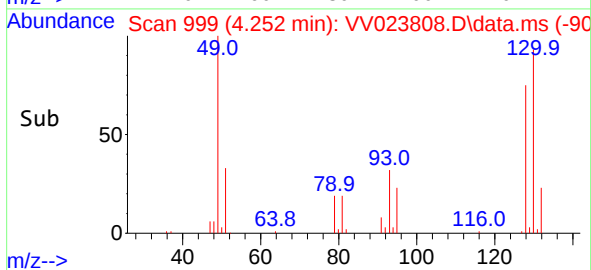
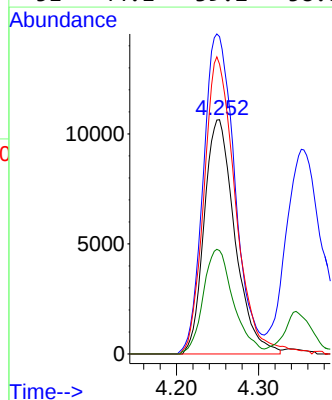
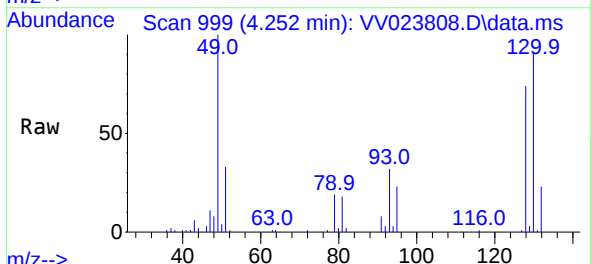
Instrument :
MSVOA_V
ClientSampleId :

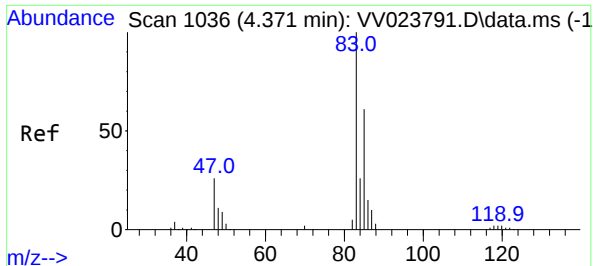
Tgt Ion: 96 Resp: 63443
Ion Ratio Lower Upper
96 100
61 121.2 83.4 154.8
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.700 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Tgt Ion: 128 Resp: 27675
Ion Ratio Lower Upper
128 100
49 135.5 100.2 186.2
130 123.7 92.5 171.7
51 44.1 39.2 58.8





#25

Chloroform

Concen: 4.501 ug/L

RT: 4.375 min Scan# 110

Delta R.T. 0.003 min

Lab File: VV023808.D

Acq: 06 Dec 2021 19:20

Instrument :

MSVOA_V

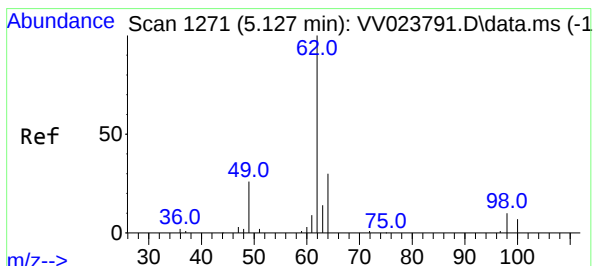
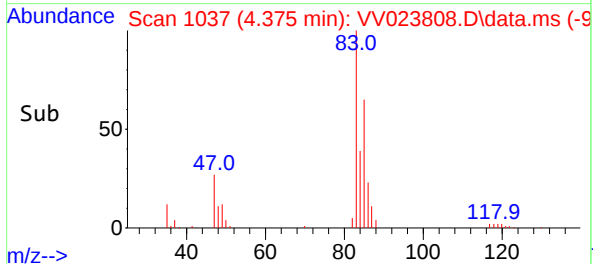
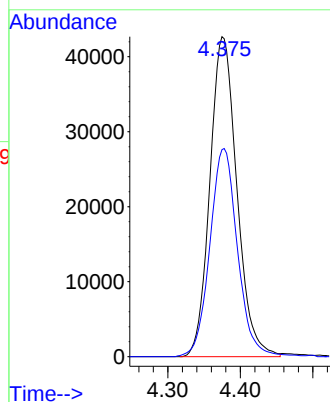
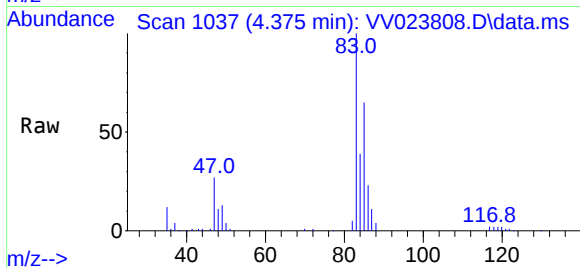
ClientSampleId :

Tgt Ion: 83 Resp: 110323

Ion Ratio Lower Upper

83 100

85 64.7 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.629 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV023808.D

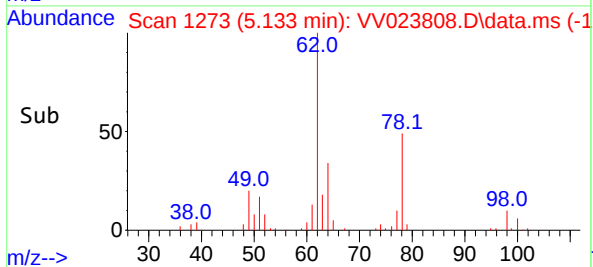
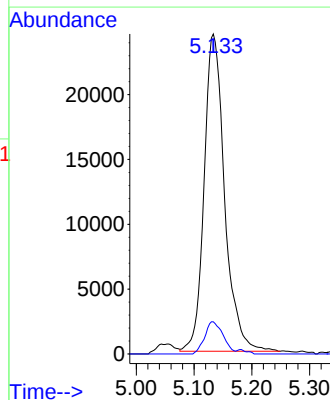
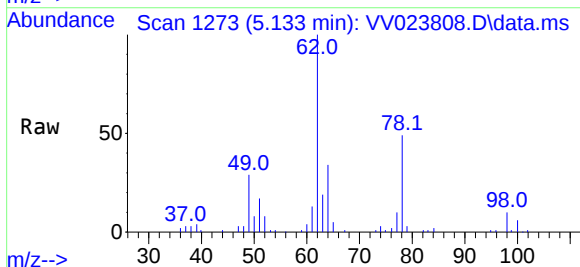
Acq: 06 Dec 2021 19:20

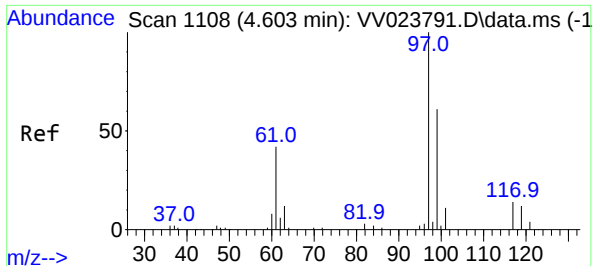
Tgt Ion: 62 Resp: 60315

Ion Ratio Lower Upper

62 100

98 10.1 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 4.853 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV023808.D

Acq: 06 Dec 2021 19:20

Instrument :

MSVOA_V

ClientSampleId :

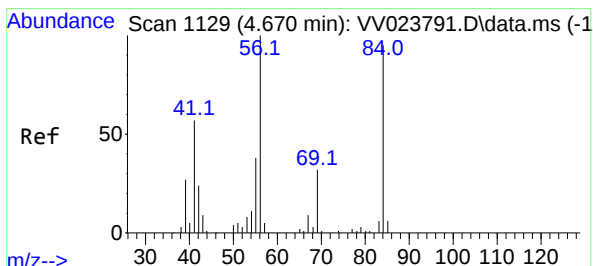
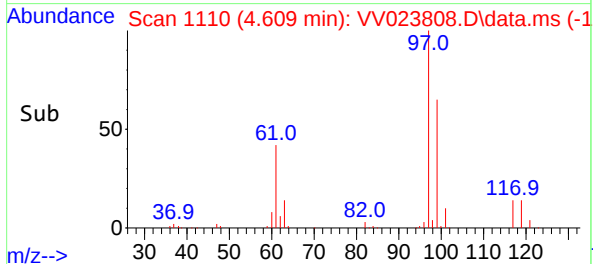
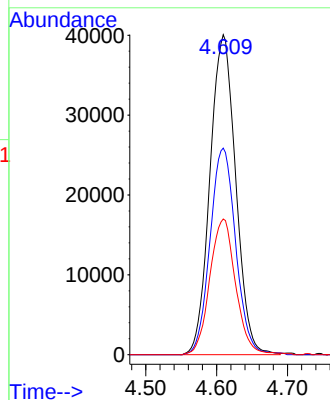
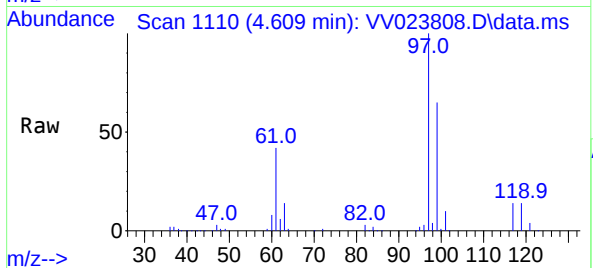
Tgt Ion: 97 Resp: 101154

Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

61 42.7 33.2 49.8



#30

Cyclohexane

Concen: 5.294 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV023808.D

Acq: 06 Dec 2021 19:20

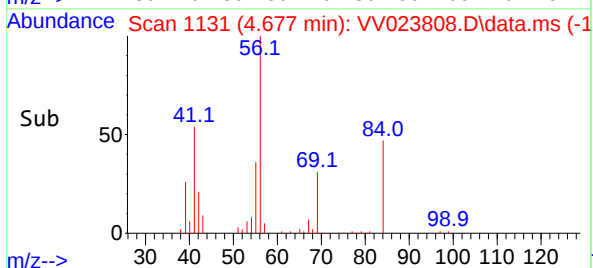
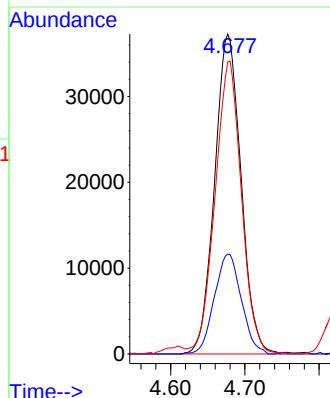
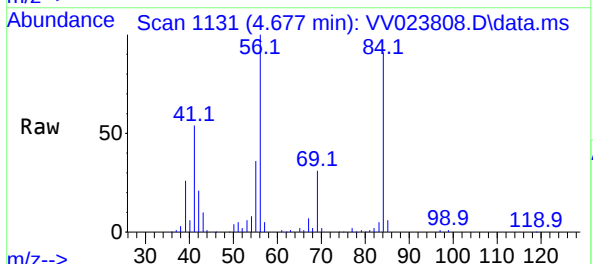
Tgt Ion: 56 Resp: 92086

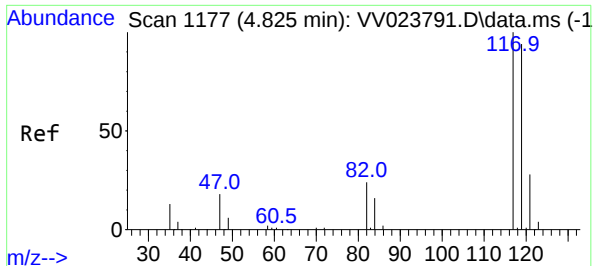
Ion Ratio Lower Upper

56 100

69 31.9 24.8 37.2

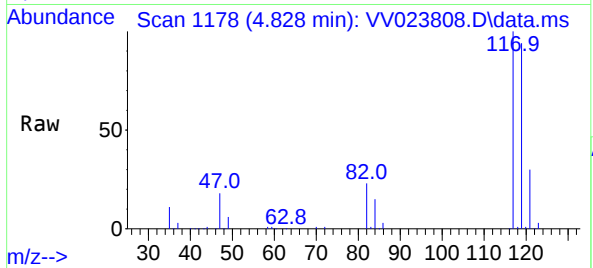
84 91.7 75.9 113.9



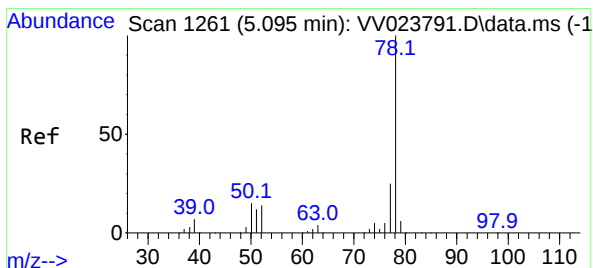
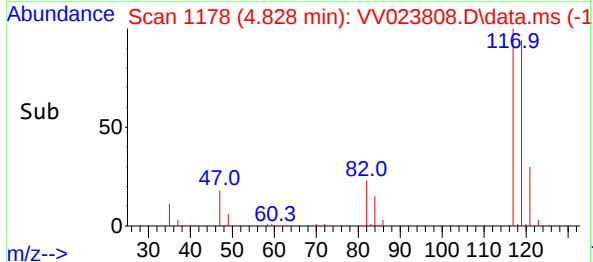
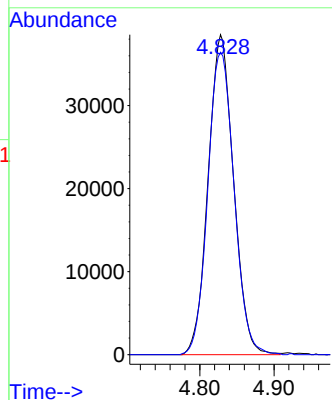


#31
Carbon tetrachloride
Concen: 4.804 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Instrument :
MSVOA_V
ClientSampleId :

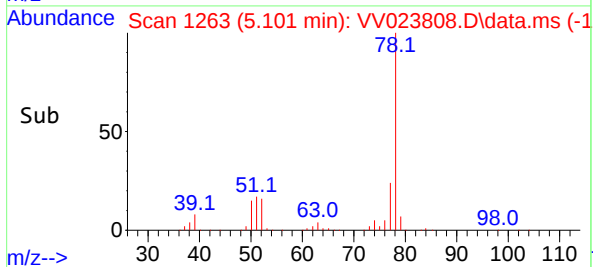
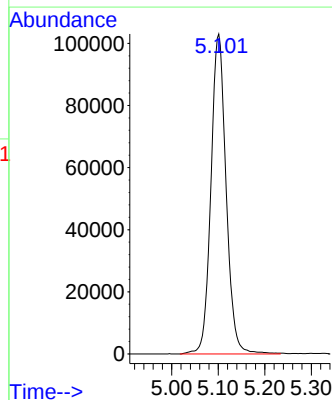
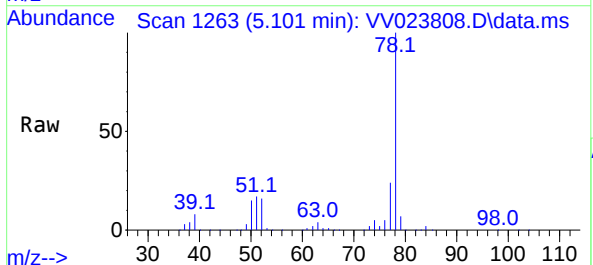


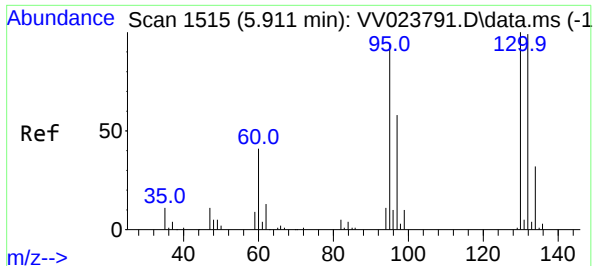
Tgt Ion:117 Resp: 91720
Ion Ratio Lower Upper
117 100
119 97.7 76.6 114.8



#33
Benzene
Concen: 5.142 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Tgt Ion: 78 Resp: 233831





#34

Trichloroethene

Concen: 5.086 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023808.D

Acq: 06 Dec 2021 19:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 61953

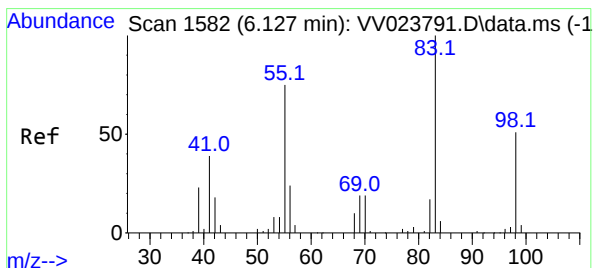
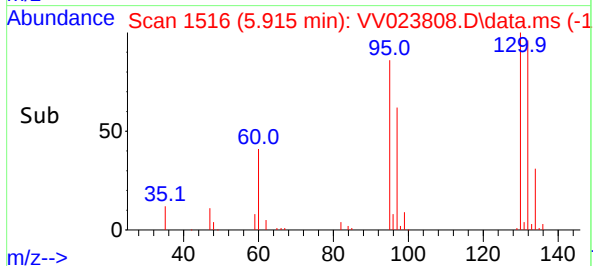
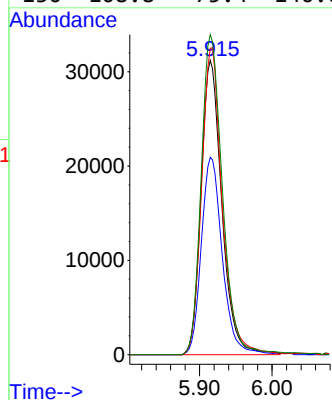
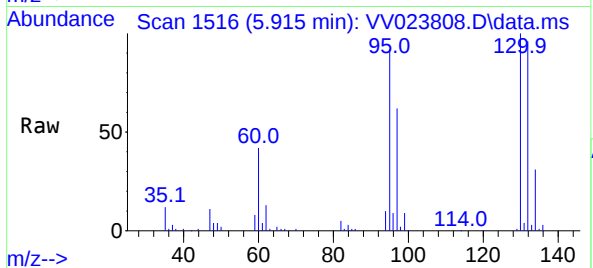
Ion Ratio Lower Upper

95 100

97 67.1 45.2 84.0

132 104.2 76.1 141.3

130 108.8 75.4 140.0



#35

Methylcyclohexane

Concen: 5.093 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV023808.D

Acq: 06 Dec 2021 19:20

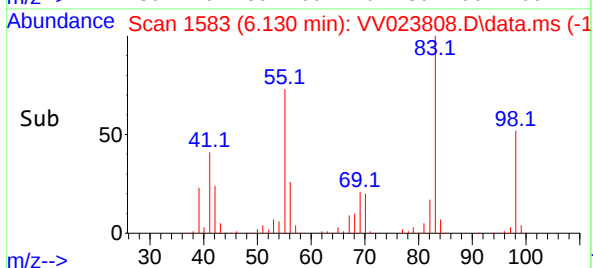
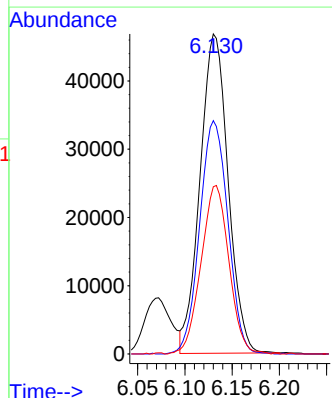
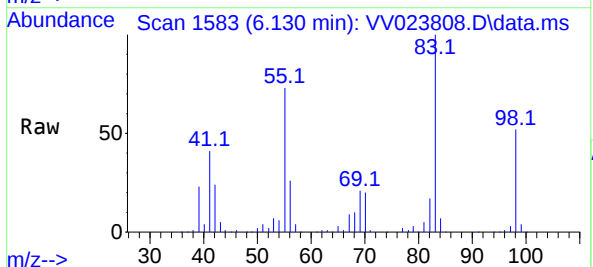
Tgt Ion: 83 Resp: 96714

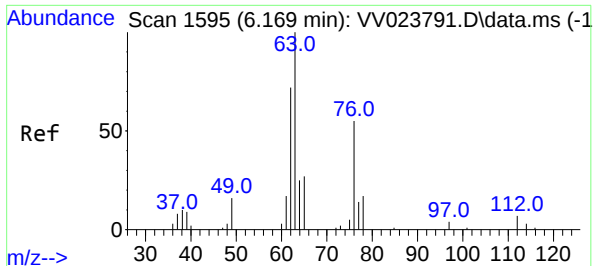
Ion Ratio Lower Upper

83 100

55 73.6 60.2 90.2

98 52.4 41.0 61.4

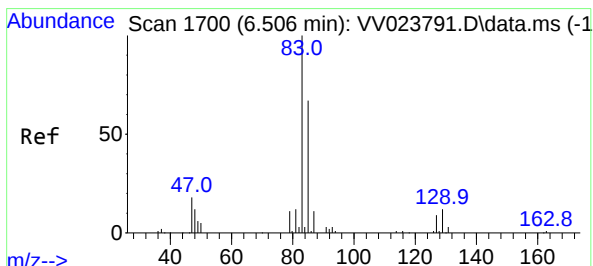
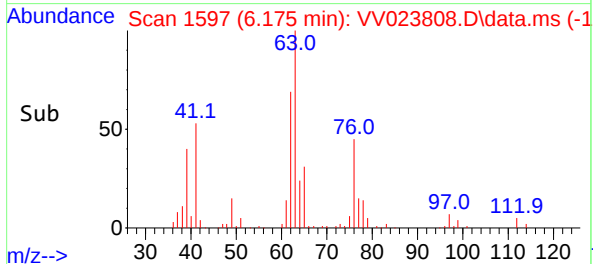
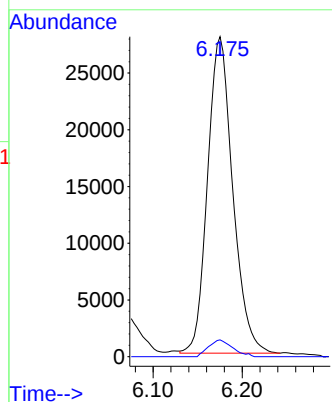
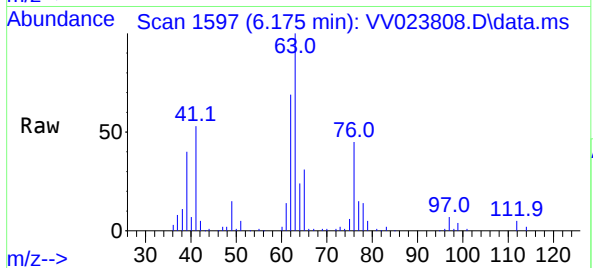




#37
1,2-Dichloropropane
Concen: 5.072 ug/L
RT: 6.175 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

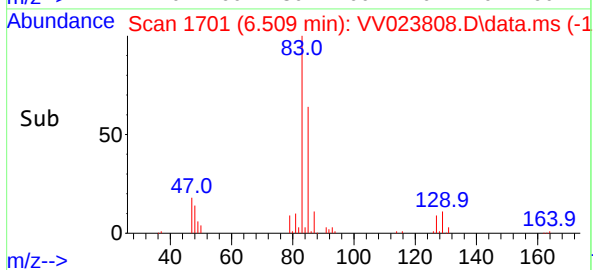
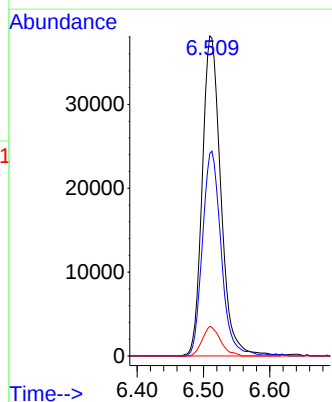
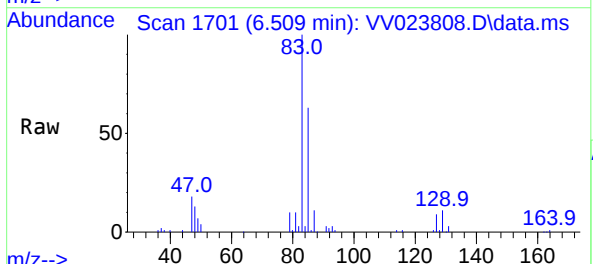
Instrument :
MSVOA_V
ClientSampleId :

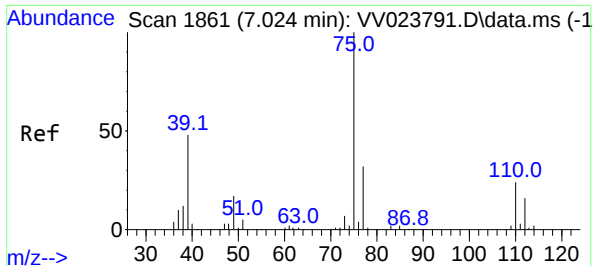
Tgt Ion: 63 Resp: 54822
Ion Ratio Lower Upper
63 100
112 5.0 4.3 6.5



#38
Bromodichloromethane
Concen: 5.067 ug/L
RT: 6.509 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Tgt Ion: 83 Resp: 74327
Ion Ratio Lower Upper
83 100
85 63.2 44.0 81.8
127 9.3 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.371 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV023808.D

Acq: 06 Dec 2021 19:20

Instrument :

MSVOA_V

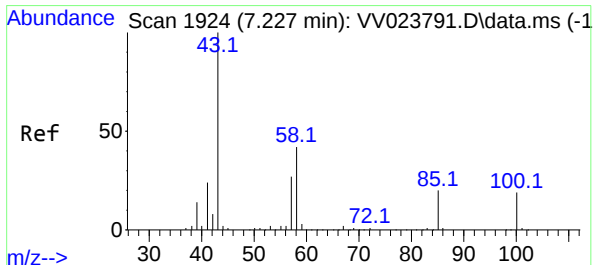
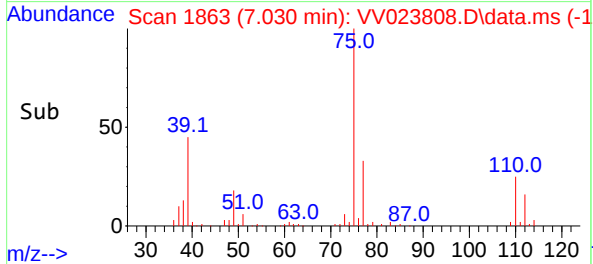
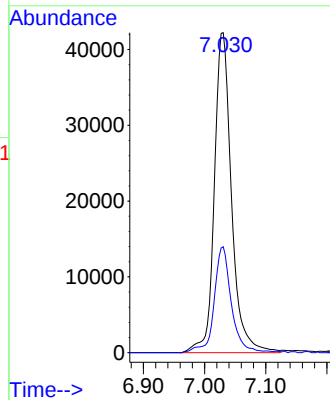
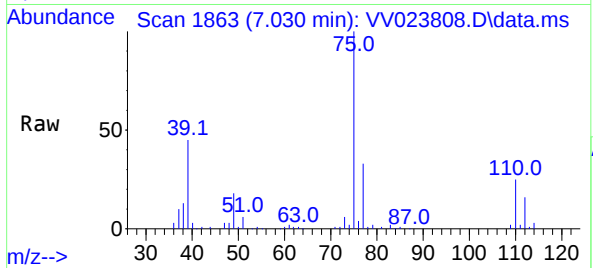
ClientSampleId :

Tgt Ion: 75 Resp: 82612

Ion Ratio Lower Upper

75 100

77 33.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 55.847 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV023808.D

Acq: 06 Dec 2021 19:20

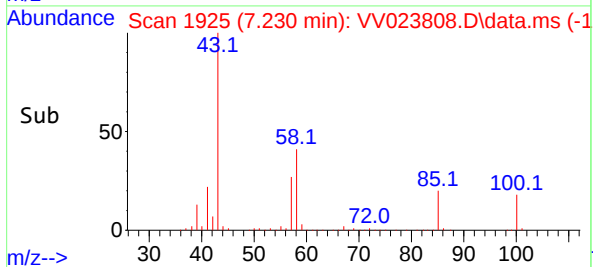
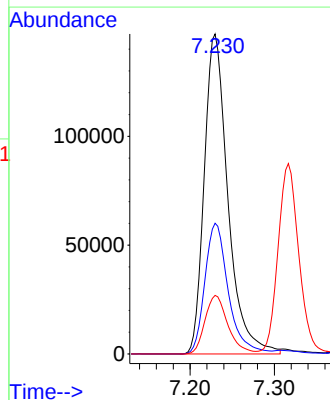
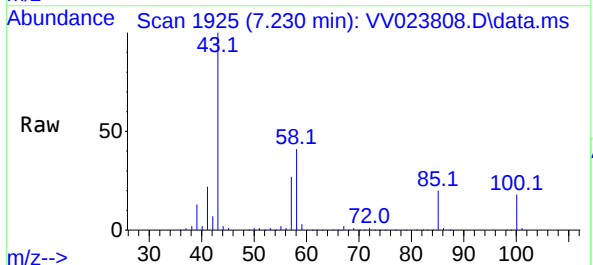
Tgt Ion: 43 Resp: 288151

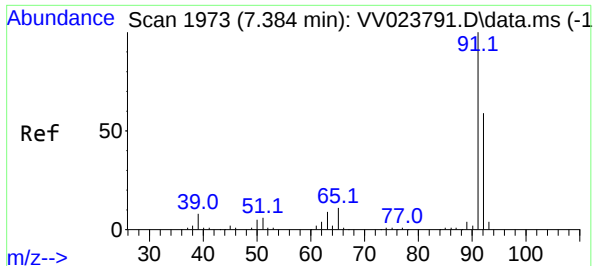
Ion Ratio Lower Upper

43 100

58 40.5 32.3 48.5

100 17.7 13.0 19.6





#42

Toluene

Concen: 5.209 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV023808.D

Acq: 06 Dec 2021 19:20

Instrument :

MSVOA_V

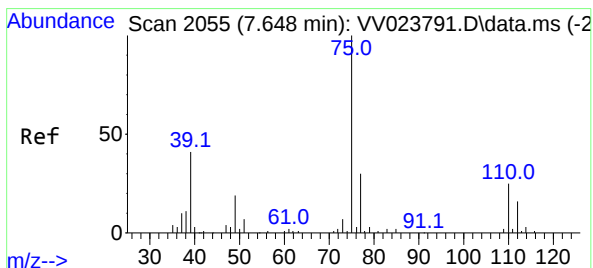
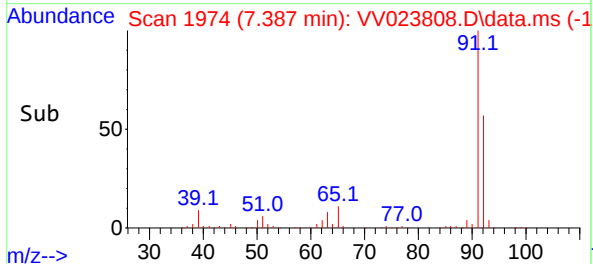
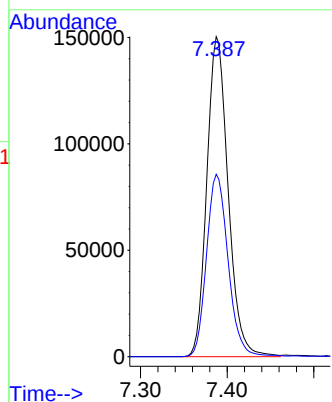
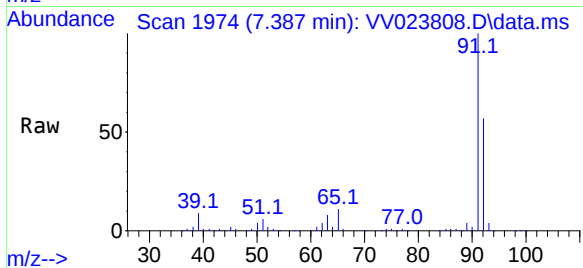
ClientSampleId :

Tgt Ion: 91 Resp: 256886

Ion Ratio Lower Upper

91 100

92 57.0 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.259 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023808.D

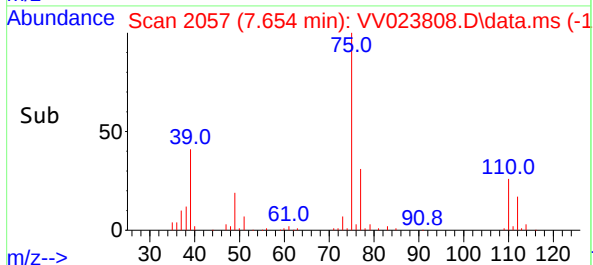
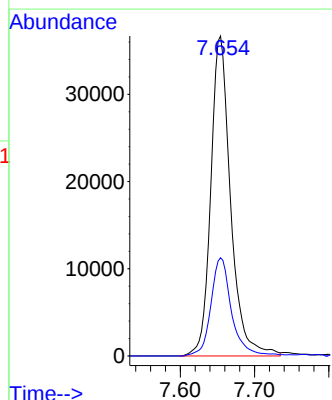
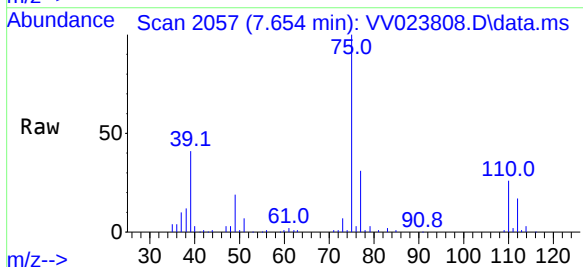
Acq: 06 Dec 2021 19:20

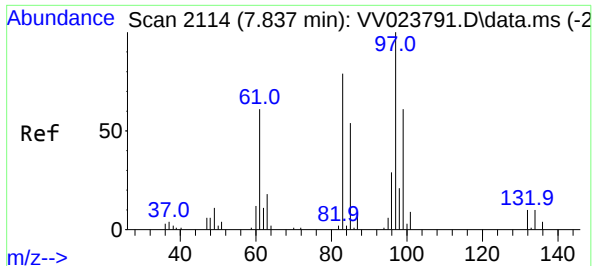
Tgt Ion: 75 Resp: 67982

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.222 ug/L

RT: 7.841 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV023808.D

Acq: 06 Dec 2021 19:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 39081

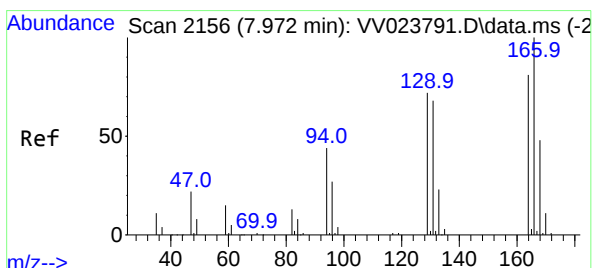
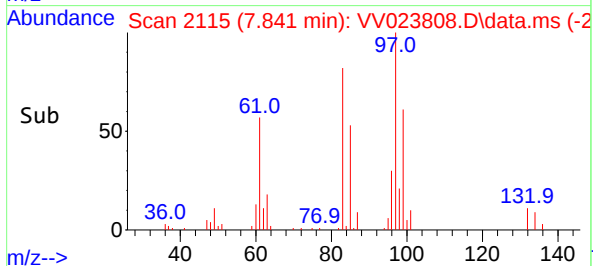
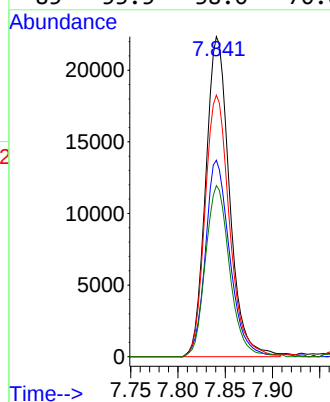
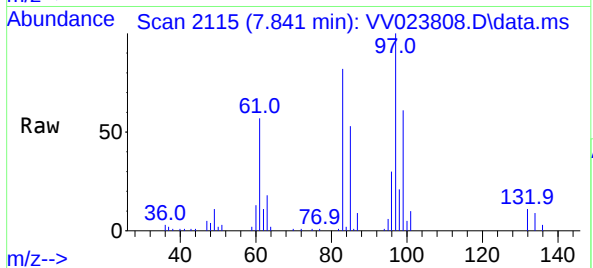
Ion Ratio Lower Upper

97 100

99 61.4 43.1 80.1

83 81.7 57.9 107.5

85 53.5 38.0 70.6



#47

Tetrachloroethene

Concen: 5.251 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023808.D

Acq: 06 Dec 2021 19:20

Tgt Ion:164 Resp: 58213

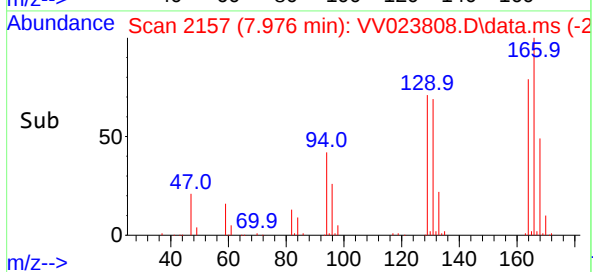
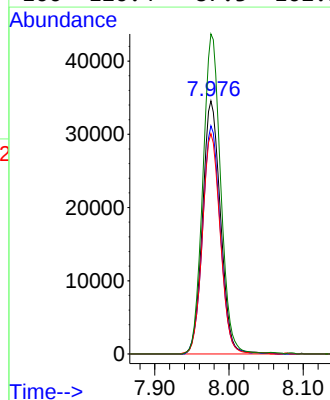
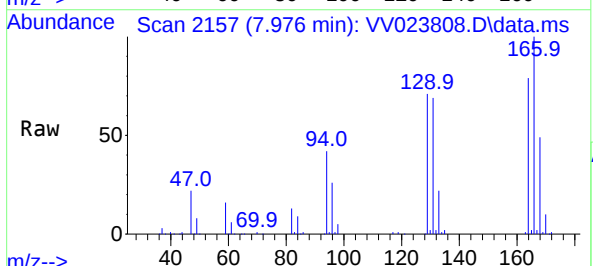
Ion Ratio Lower Upper

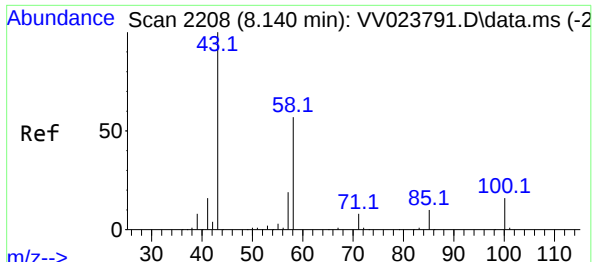
164 100

129 90.1 62.6 116.2

131 87.1 61.0 113.4

166 126.4 87.3 162.1

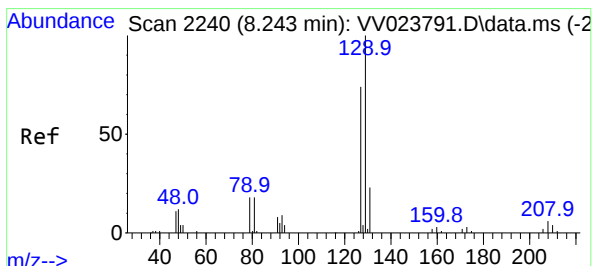
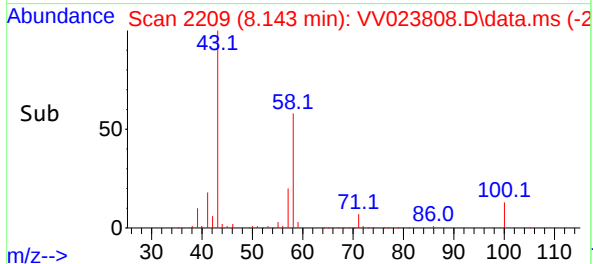
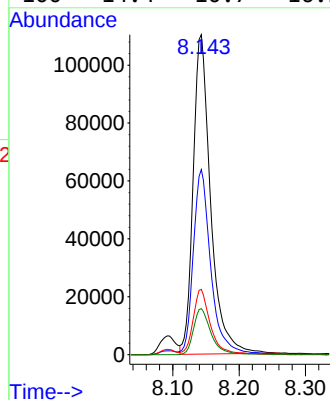
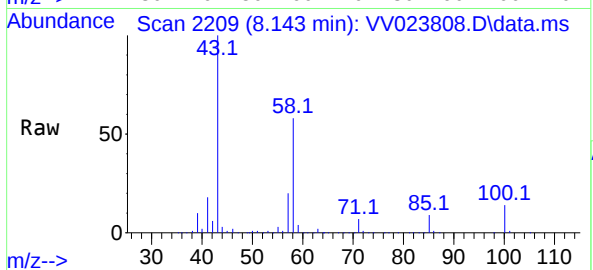




#48
2-Hexanone
Concen: 53.055 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

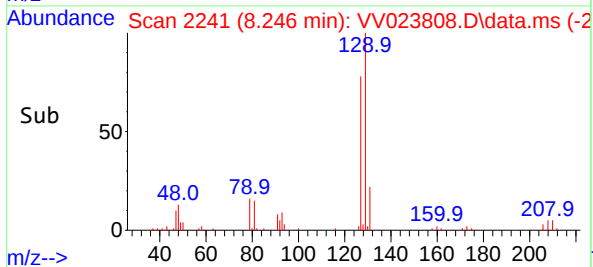
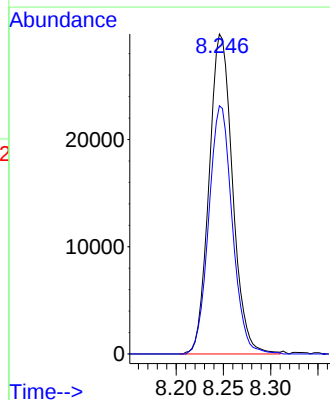
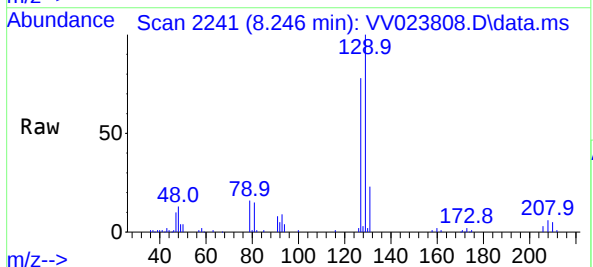
Instrument :
MSVOA_V
ClientSampleId :

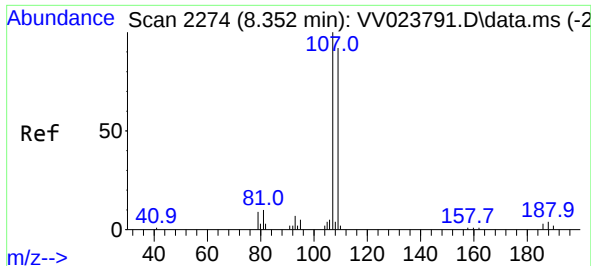
Tgt Ion: 43 Resp: 202328
Ion Ratio Lower Upper
43 100
58 57.7 44.5 66.7
57 19.5 15.1 22.7
100 14.4 10.7 16.1



#49
Dibromochloromethane
Concen: 5.025 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

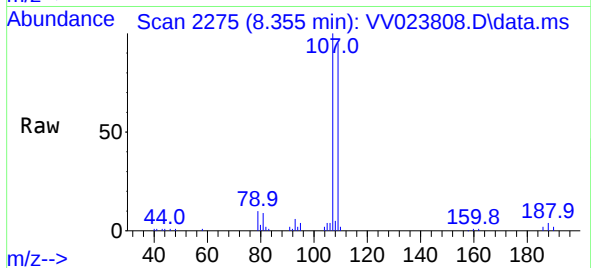
Tgt Ion: 129 Resp: 51541
Ion Ratio Lower Upper
129 100
127 77.5 53.5 99.3



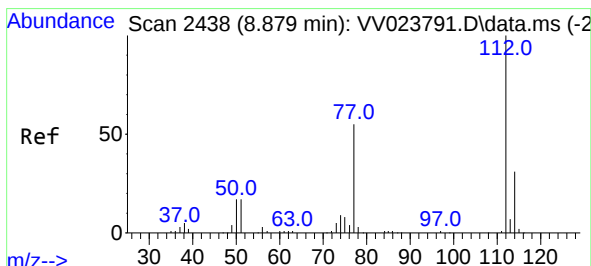
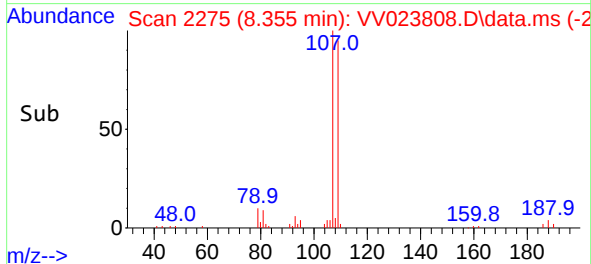
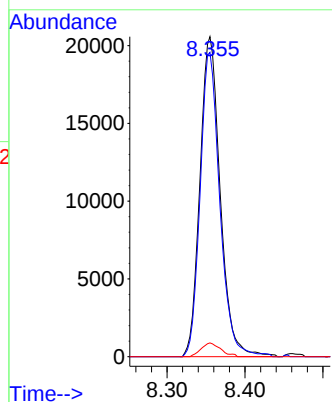


#50
1,2-Dibromoethane
Concen: 5.088 ug/L
RT: 8.355 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Instrument :
MSVOA_V
ClientSampleId :

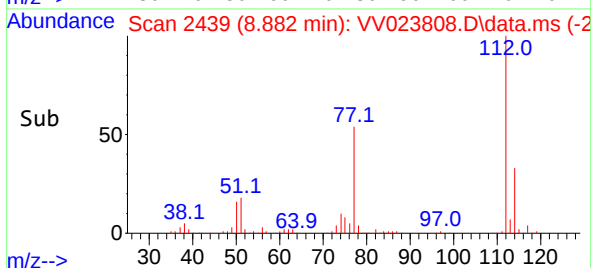
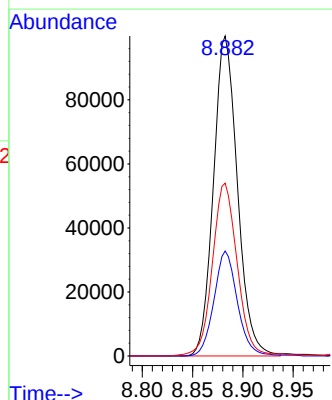
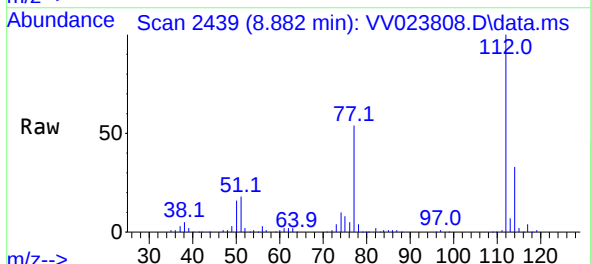


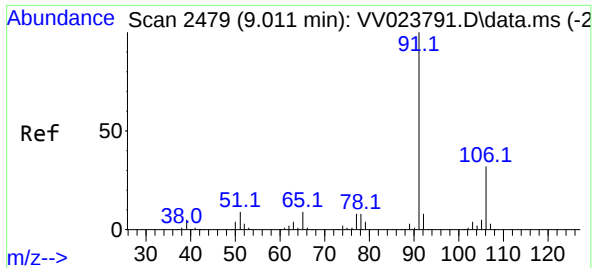
Tgt Ion:107 Resp: 37132
Ion Ratio Lower Upper
107 100
109 95.1 62.5 116.1
188 4.3 3.4 5.2



#51
Chlorobenzene
Concen: 5.079 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Tgt Ion:112 Resp: 166042
Ion Ratio Lower Upper
112 100
114 32.8 23.3 43.3
77 54.0 43.3 64.9

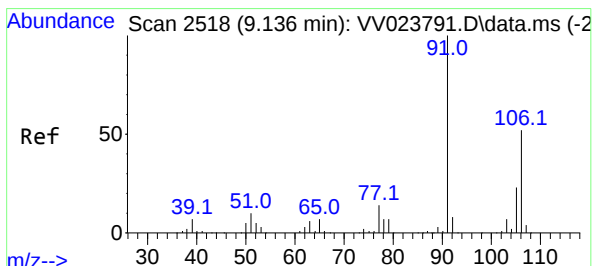
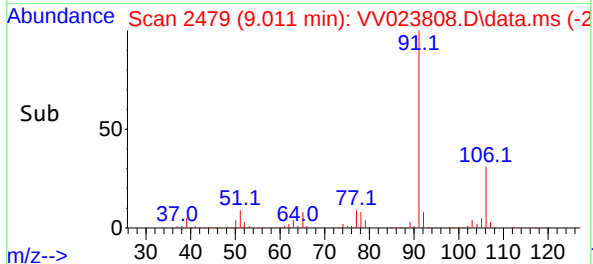
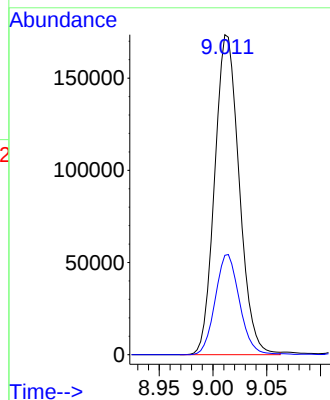
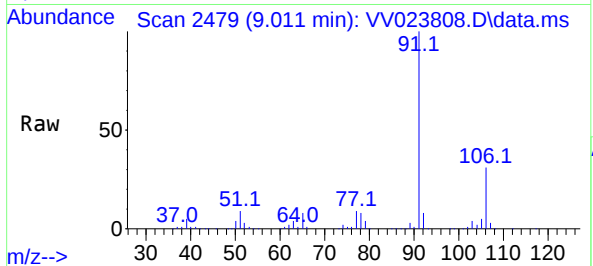




#52
Ethylbenzene
Concen: 5.342 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

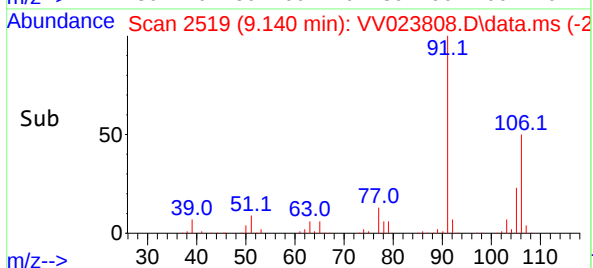
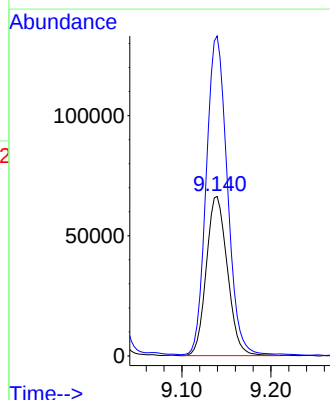
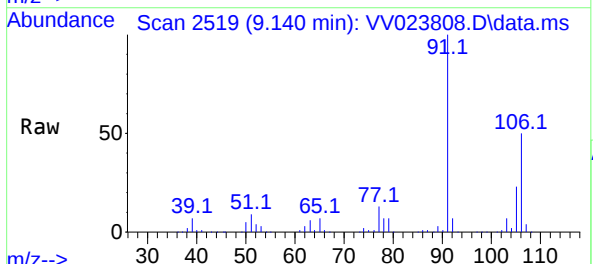
Instrument :
MSVOA_V
ClientSampleId :

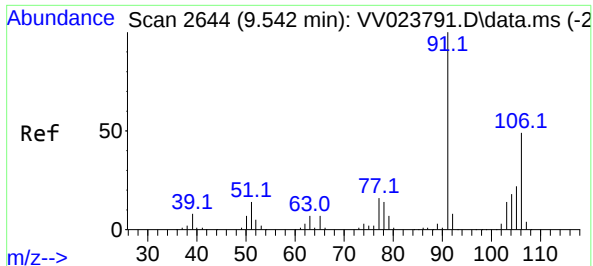
Tgt Ion: 91 Resp: 275342
Ion Ratio Lower Upper
91 100
106 31.1 22.0 41.0



#53
m,p-xylene
Concen: 5.314 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Tgt Ion: 106 Resp: 109022
Ion Ratio Lower Upper
106 100
91 200.5 139.5 259.1

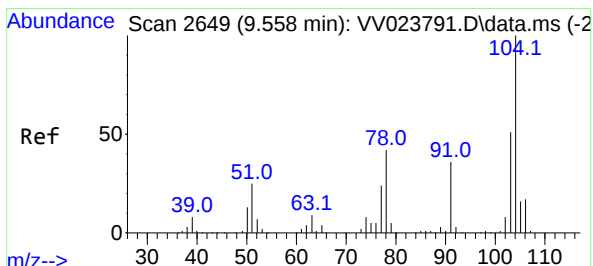
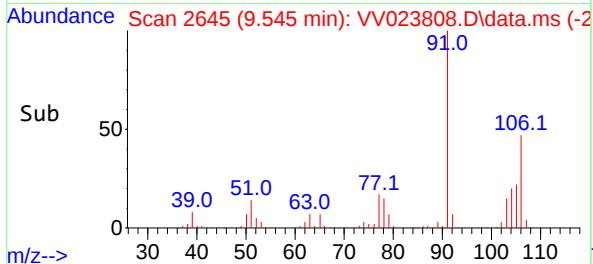
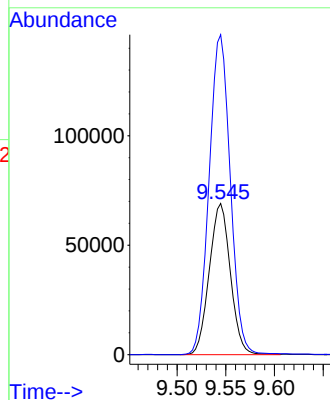
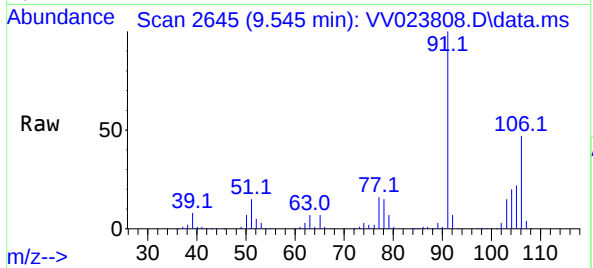




#54
o-xylene
Concen: 5.331 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

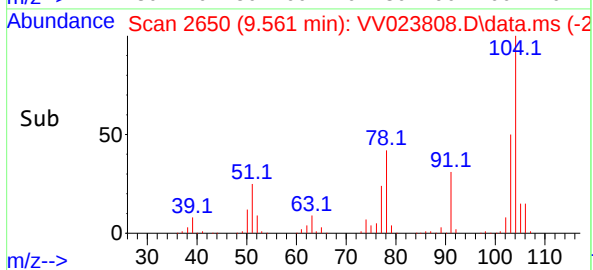
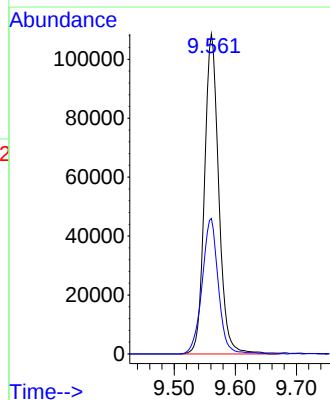
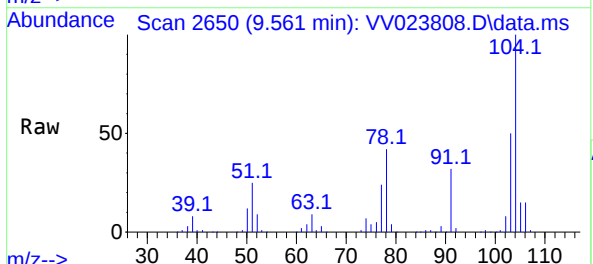
Instrument :
MSVOA_V
ClientSampleId :

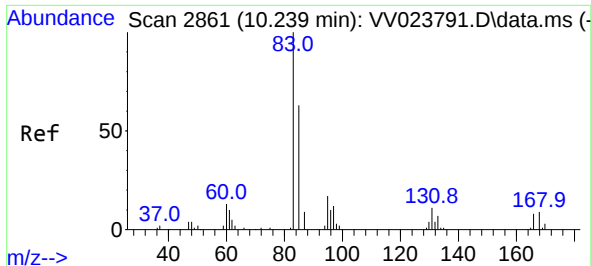
Tgt Ion:106 Resp: 104013
Ion Ratio Lower Upper
106 100
91 211.6 147.9 274.7



#55
Styrene
Concen: 5.355 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

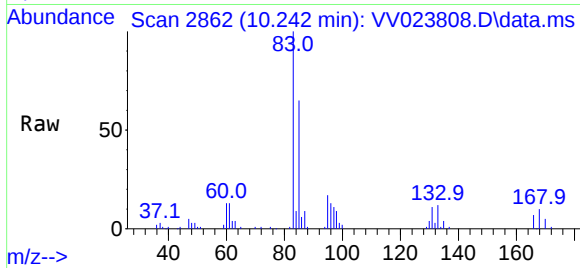
Tgt Ion:104 Resp: 176038
Ion Ratio Lower Upper
104 100
78 42.4 31.0 57.6



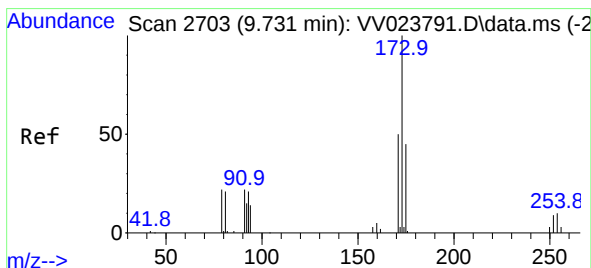
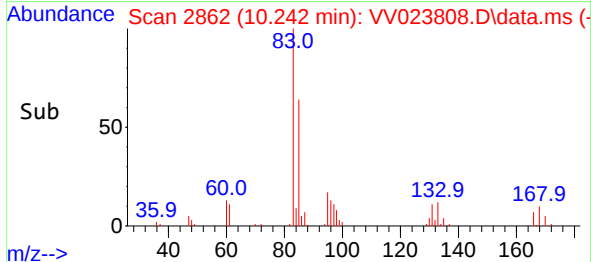
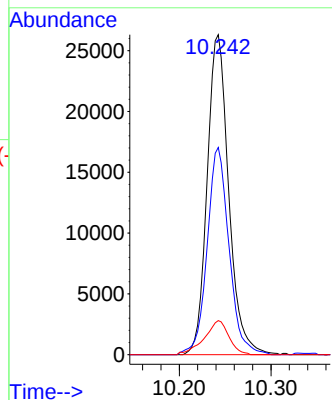


#57
1,1,2,2-Tetrachloroethane
Concen: 5.169 ug/L
RT: 10.242 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Instrument :
MSVOA_V
ClientSampleId :

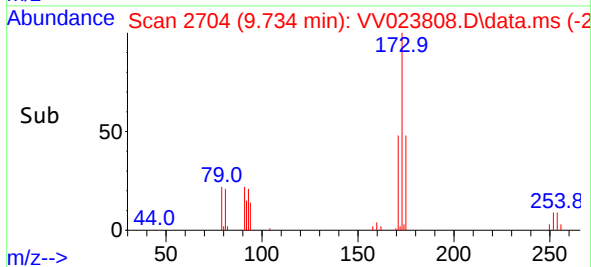
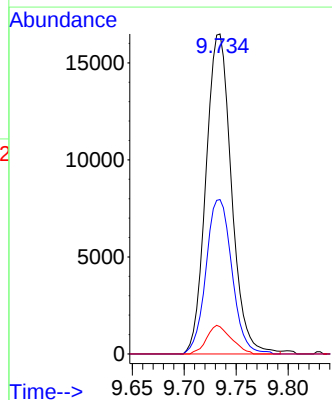
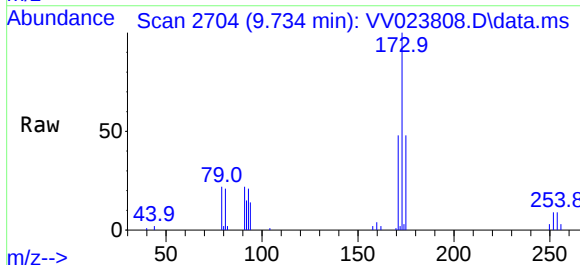


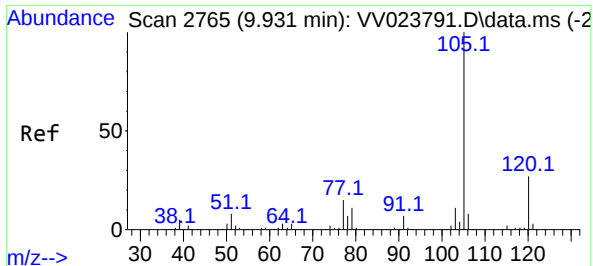
Tgt Ion: 83 Resp: 43046
Ion Ratio Lower Upper
83 100
85 64.7 44.6 82.8
131 10.7 8.3 12.5



#59
Bromoform
Concen: 4.966 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Tgt Ion: 173 Resp: 28134
Ion Ratio Lower Upper
173 100
175 49.1 39.4 59.2
254 8.6 7.4 11.0

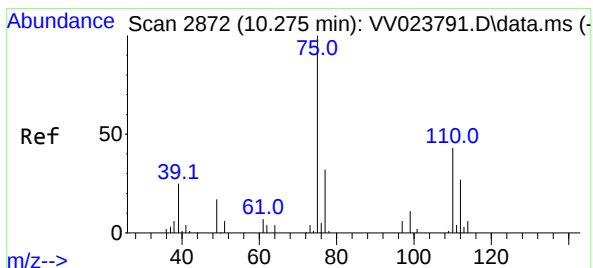
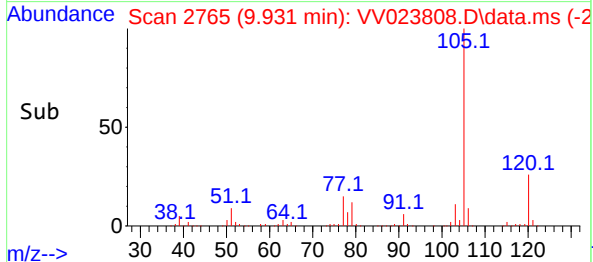
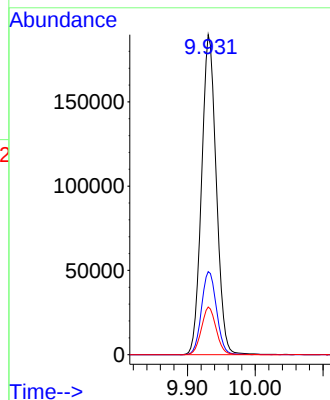
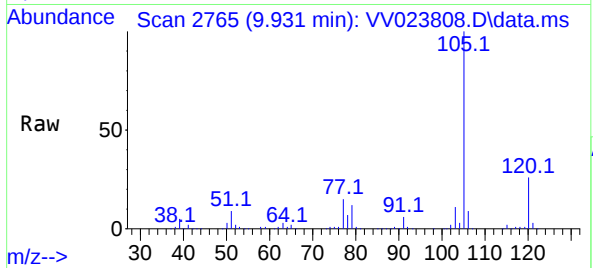




#60
Isopropylbenzene
Concen: 5.585 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

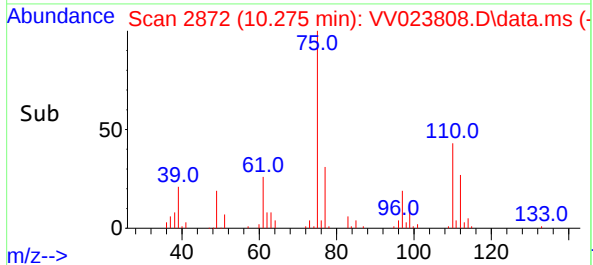
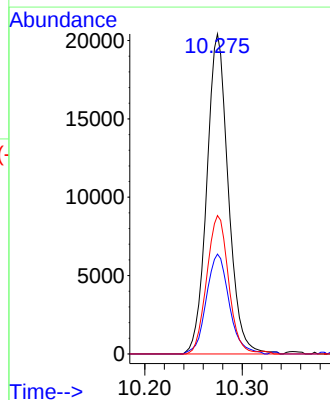
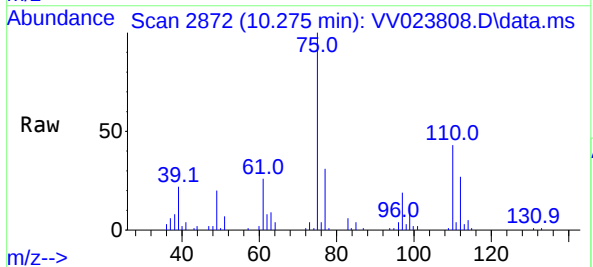
Instrument :
MSVOA_V
ClientSampleId :

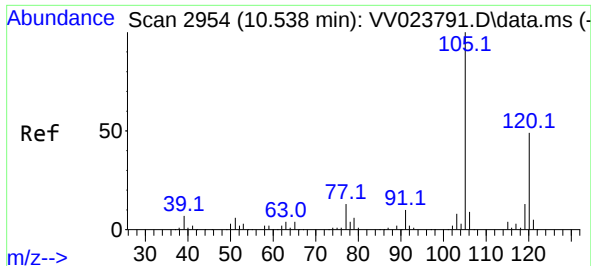
Tgt Ion:105 Resp: 286089
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 15.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.145 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Tgt Ion: 75 Resp: 31305
Ion Ratio Lower Upper
75 100
77 33.1 26.4 39.6
110 43.8 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.546 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV023808.D

Acq: 06 Dec 2021 19:20

Instrument :

MSVOA_V

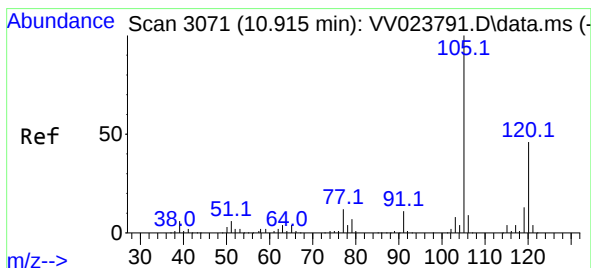
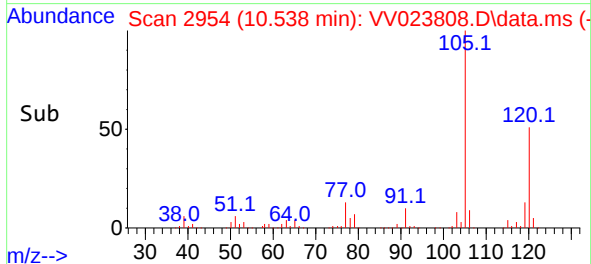
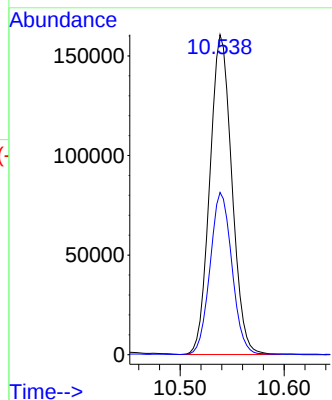
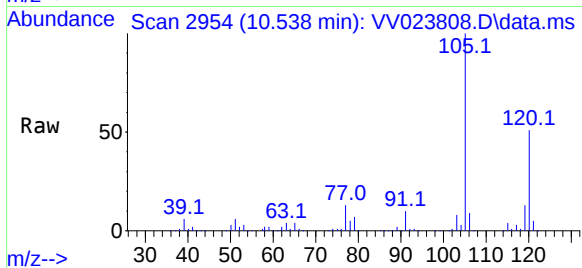
ClientSampleId :

Tgt Ion:105 Resp: 236384

Ion Ratio Lower Upper

105 100

120 50.6 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.758 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV023808.D

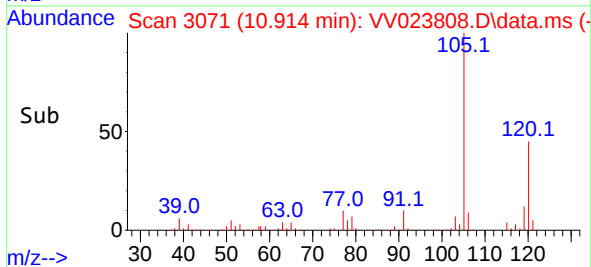
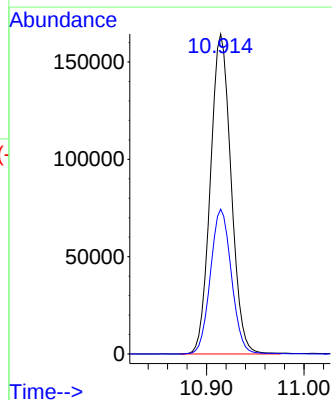
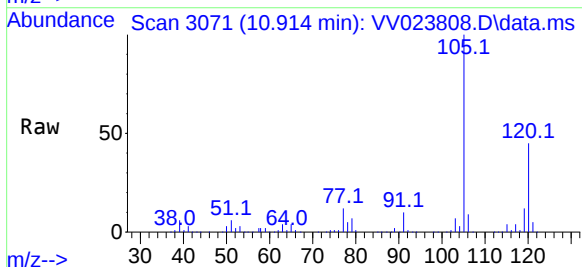
Acq: 06 Dec 2021 19:20

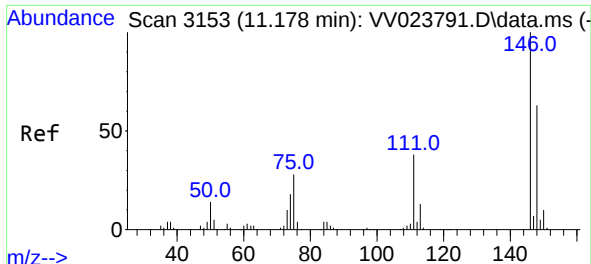
Tgt Ion:105 Resp: 242698

Ion Ratio Lower Upper

105 100

120 46.0 36.7 55.1

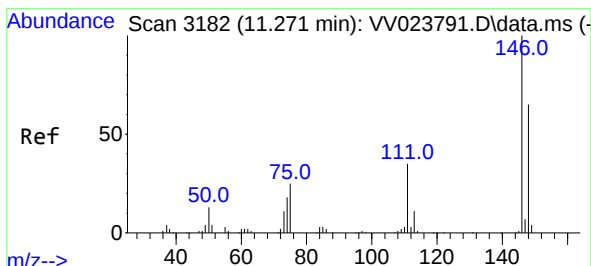
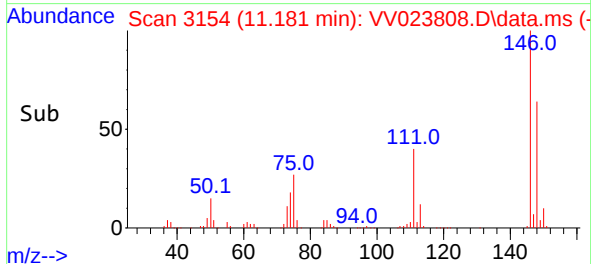
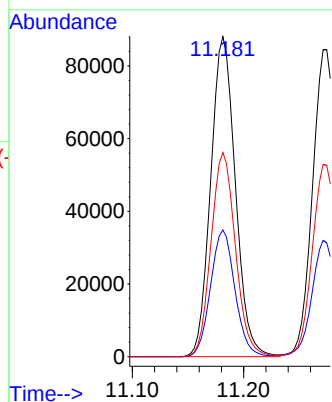
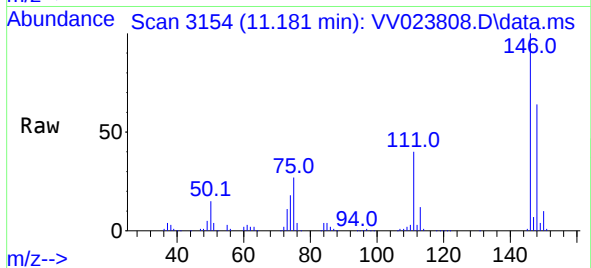




#64
1,3-Dichlorobenzene
Concen: 5.167 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

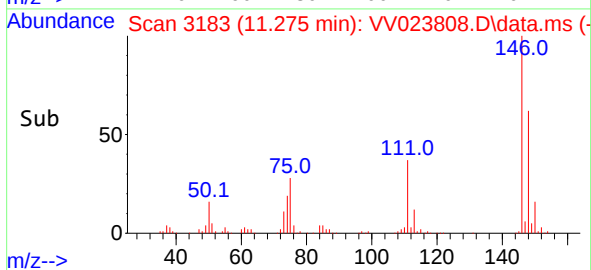
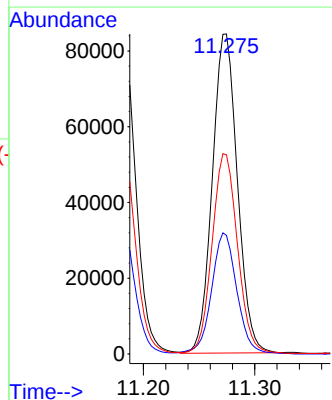
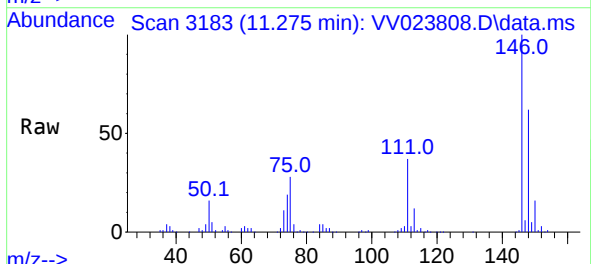
Instrument :
MSVOA_V
ClientSampleId :

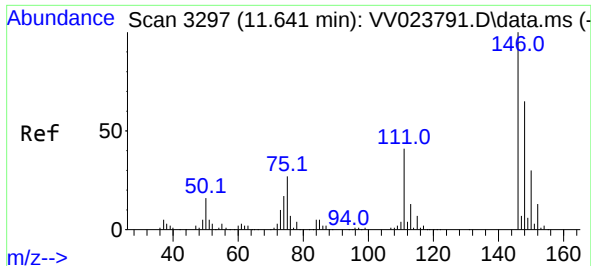
Tgt Ion:146 Resp: 135332
Ion Ratio Lower Upper
146 100
111 39.6 26.3 48.9
148 63.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.009 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Tgt Ion:146 Resp: 131857
Ion Ratio Lower Upper
146 100
111 37.1 25.6 47.6
148 62.2 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.091 ug/L

RT: 11.644 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023808.D

Acq: 06 Dec 2021 19:20

Instrument :

MSVOA_V

ClientSampleId :

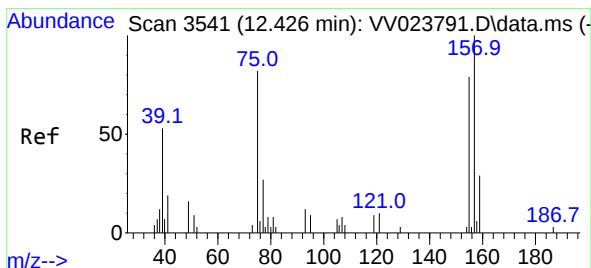
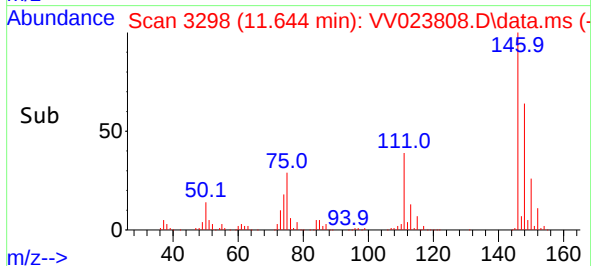
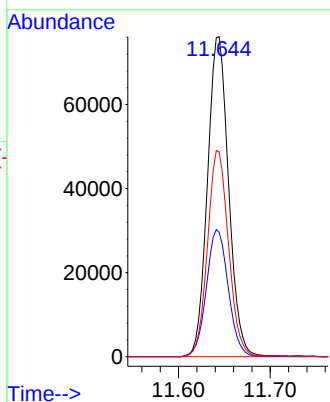
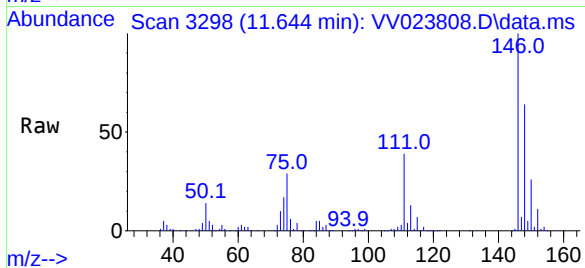
Tgt Ion:146 Resp: 122036

Ion Ratio Lower Upper

146 100

111 38.9 31.9 47.9

148 64.0 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.789 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV023808.D

Acq: 06 Dec 2021 19:20

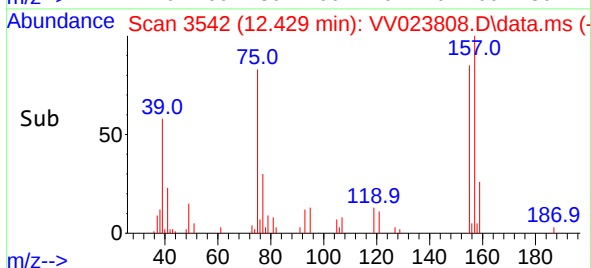
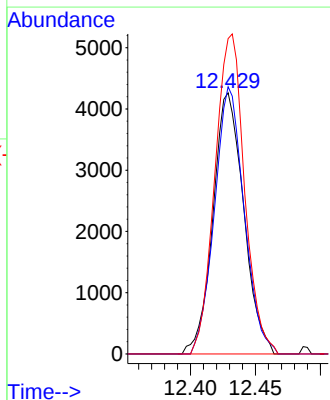
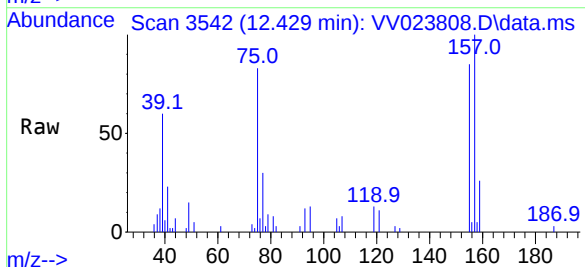
Tgt Ion: 75 Resp: 6994

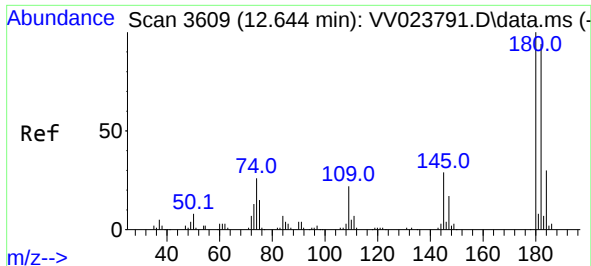
Ion Ratio Lower Upper

75 100

155 102.3 71.7 107.5

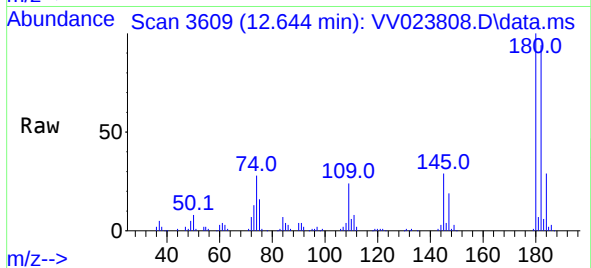
157 120.8 103.3 154.9



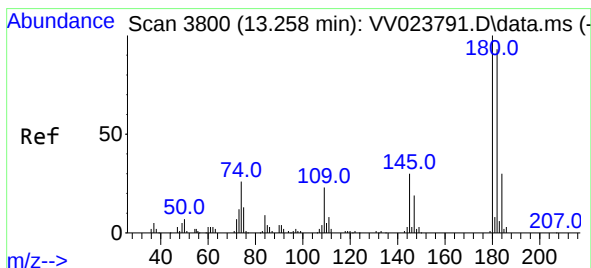
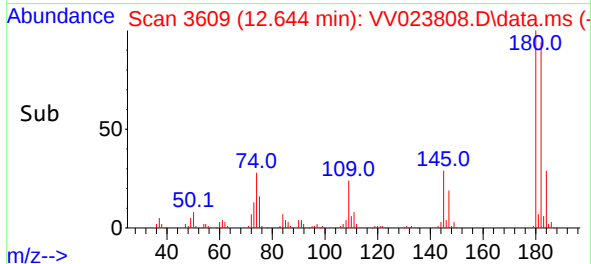
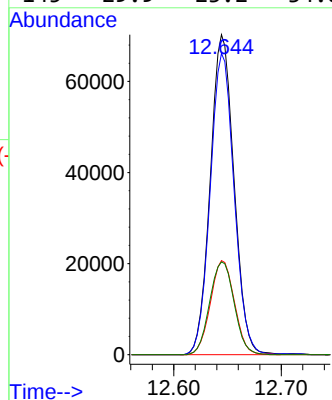


#69
 1,3,5-Trichlorobenzene
 Concen: 5.266 ug/L
 RT: 12.644 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VV023808.D
 Acq: 06 Dec 2021 19:20

Instrument :
 MSVOA_V
 ClientSampleId :

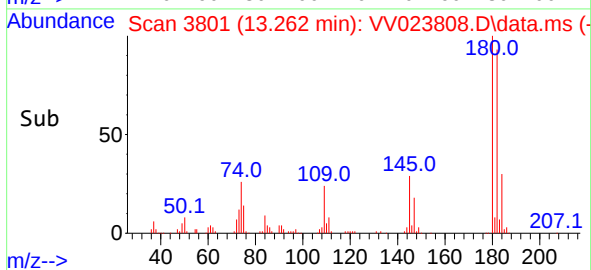
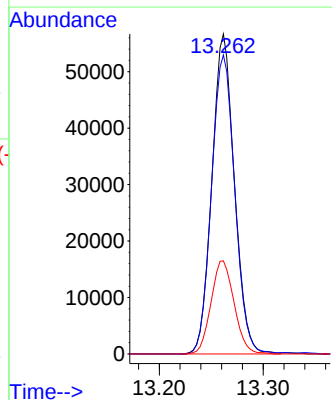
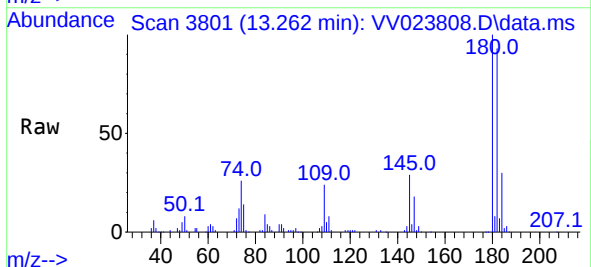


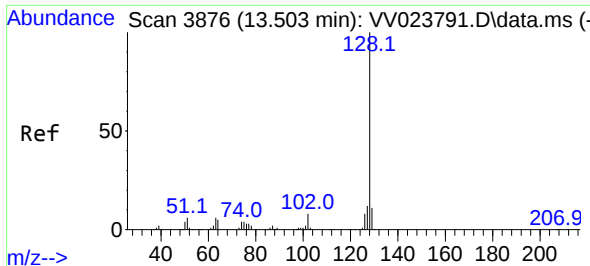
Tgt Ion:180 Resp: 107674
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.4 114.6
 184 29.8 24.2 36.4
 145 29.9 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.372 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV023808.D
 Acq: 06 Dec 2021 19:20

Tgt Ion:180 Resp: 85239
 Ion Ratio Lower Upper
 180 100
 182 96.2 74.4 111.6
 145 29.9 23.3 34.9

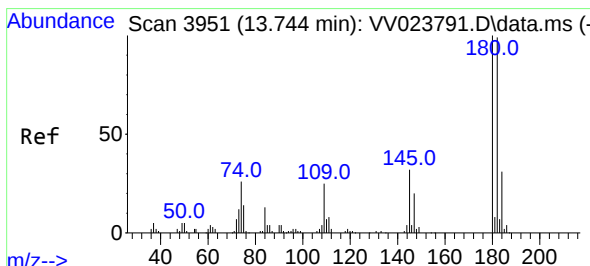
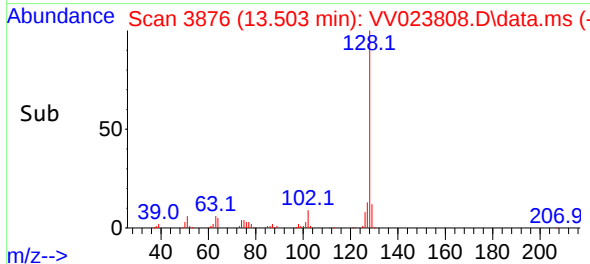
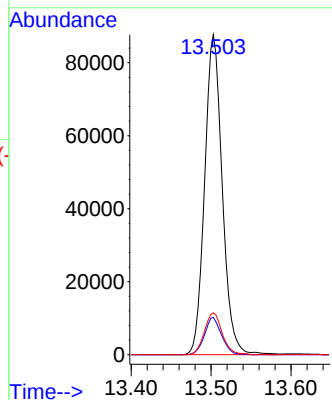
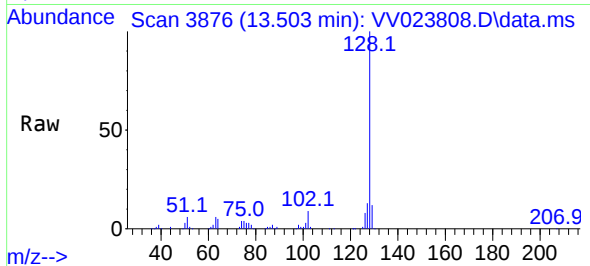




#71
Naphthalene
Concen: 6.299 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 134495
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.525 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023808.D
Acq: 06 Dec 2021 19:20

Tgt Ion:180 Resp: 75963
Ion Ratio Lower Upper
180 100
182 97.7 76.8 115.2
145 32.8 25.8 38.6

