

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033375.D
 Acq On : 15 Dec 2023 13:51
 Operator : SY/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 15 22:59:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 15 22:58:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	220867	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	226611	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	116153	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	16856	11.967	ug/L	0.00
7) Chloroethane-d5	1.532	69	15442	14.660	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	8052	14.126	ug/L	0.00
21) 2-Butanone-d5	3.976	46	237	0.337	ug/L	0.20
24) Chloroform-d	4.249	84	34417	11.740	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	20407	11.227	ug/L	0.00
32) Benzene-d6	4.960	84	57518	10.476	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	17799	11.726	ug/L	0.00
41) Toluene-d8	7.243	98	50506	9.655	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	7657	8.459	ug/L	0.00
47) 2-Hexanone-d5	8.031	63	7786	13.255	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	24928	11.511	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	21293	10.154	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	18865	8.169	ug/L	99
3) Chloromethane	1.214	50	17990	11.173	ug/L	99
5) Vinyl chloride	1.285	62	18585	11.699	ug/L	98
6) Bromomethane	1.487	94	11804	11.349	ug/L	98
8) Chloroethane	1.548	64	12902	14.259	ug/L	98
9) Trichlorofluoromethane	1.712	101	32917	12.491	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	19299	14.760	ug/L	96
12) 1,1-Dichloroethene	2.069	96	16135	13.484	ug/L	96
13) Acetone	2.111	43	18934	26.321	ug/L	97
14) Carbon disulfide	2.240	76	40876	10.301	ug/L	99
15) Methyl Acetate	2.375	43	13507	11.982	ug/L	95
16) Methylene chloride	2.446	84	18399	12.138	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	14586	9.974	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	40888	9.205	ug/L	98
19) 1,1-Dichloroethane	3.111	63	29106	11.596	ug/L	97
20) cis-1,2-Dichloroethene	3.822	96	15981	10.234	ug/L	96
22) 2-Butanone	3.880	43	13357	15.926	ug/L	97
23) Bromochloromethane	4.153	128	9316	10.416	ug/L	85
25) Chloroform	4.275	83	32377	11.382	ug/L	98
27) 1,2-Dichloroethane	5.043	62	25878	11.493	ug/L	100
29) Cyclohexane	4.580	56	17946	8.588	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	28932	10.340	ug/L	97
31) Carbon tetrachloride	4.732	117	25846	9.992	ug/L	97
33) Benzene	5.008	78	59461	10.211	ug/L	100
34) Trichloroethene	5.831	95	16965	9.944	ug/L	96
35) Methylcyclohexane	6.047	83	21919	8.892	ug/L	98
37) 1,2-Dichloropropane	6.095	63	16773	12.054	ug/L	# 96
38) Bromodichloromethane	6.432	83	23730	10.855	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	19794	8.139	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	28637	19.034	ug/L	93
42) Toluene	7.317	91	59254	9.074	ug/L	95
44) trans-1,3-Dichloropropene	7.584	75	21311	8.809	ug/L	99

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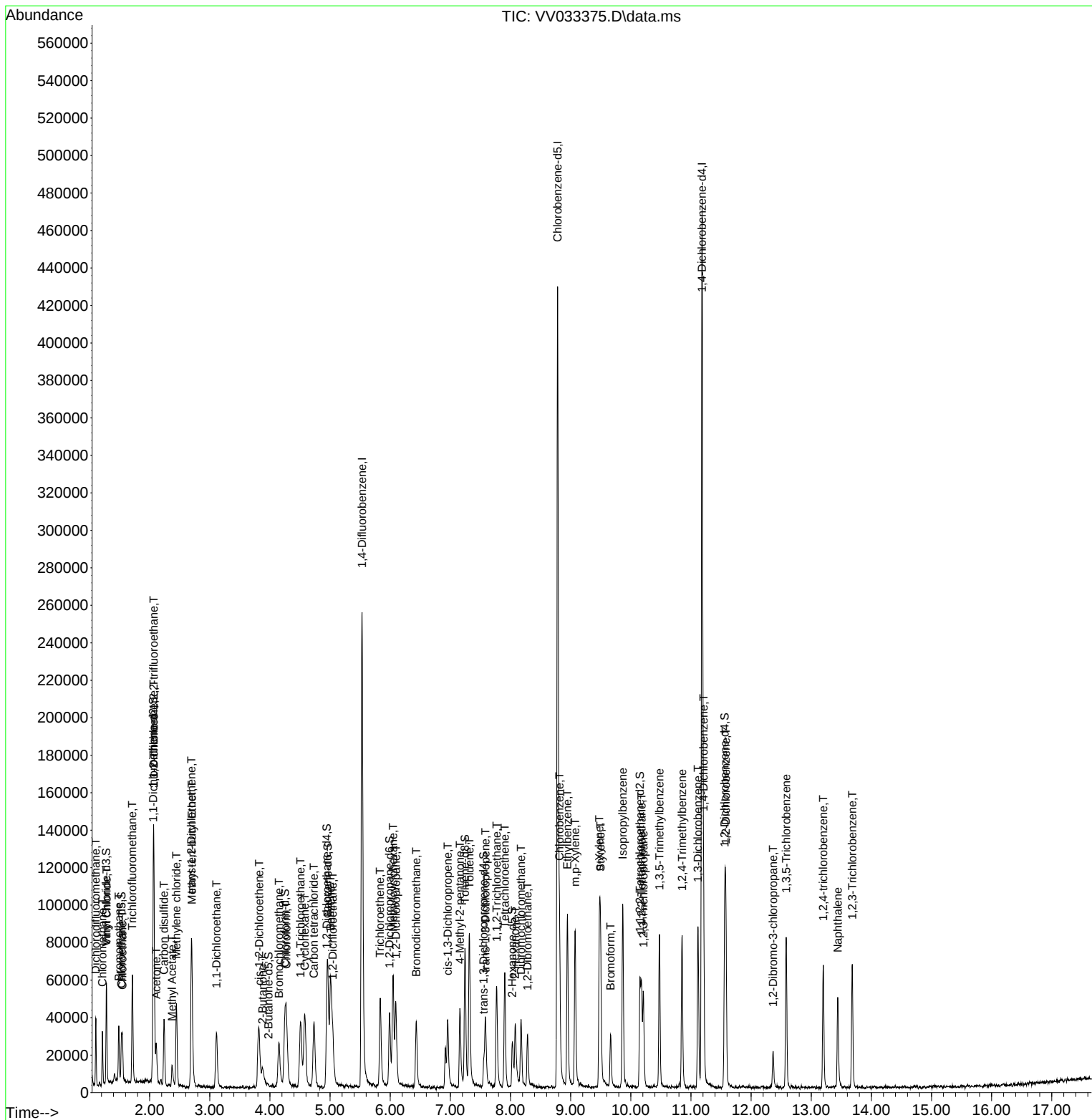
Quant Time: Dec 15 22:59:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 15 22:58:37 2023
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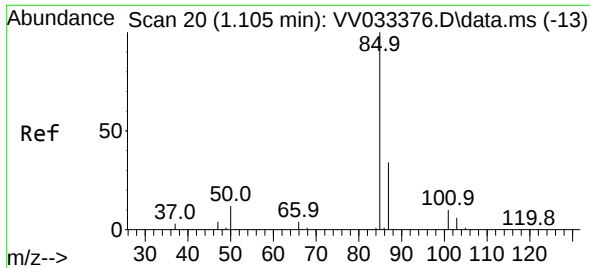
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	17237	10.871	ug/L	96
46) Tetrachloroethene	7.905	164	12709	8.822	ug/L	96
48) 2-Hexanone	8.079	43	20054	16.192	ug/L	98
49) Dibromochloromethane	8.175	129	17284	9.404	ug/L	99
50) 1,2-Dibromoethane	8.281	107	17097	10.191	ug/L #	92
51) Chlorobenzene	8.815	112	46172	10.114	ug/L	100
52) Ethylbenzene	8.947	91	63103	8.491	ug/L	97
53) m,p-Xylene	9.075	106	22681	7.746	ug/L	99
54) o-Xylene	9.477	106	21954	7.649	ug/L	96
55) Styrene	9.497	104	37467	7.477	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	25266	11.301	ug/L	99
59) Bromoform	9.664	173	11665	9.357	ug/L	99
60) Isopropylbenzene	9.866	105	58835	8.738	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	18767	12.084	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	41146	7.684	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	41186	7.364	ug/L	94
64) 1,3-Dichlorobenzene	11.117	146	34221	9.601	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	37696	10.135	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	34588	9.802	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	4768	10.361	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	23057	8.311	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	18048	7.151	ug/L	96
71) Naphthalene	13.442	128	37631	6.023	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	17673	7.185	ug/L	97

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

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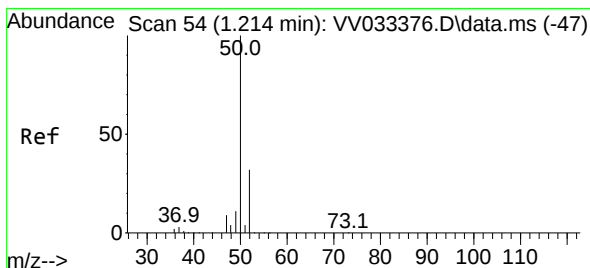
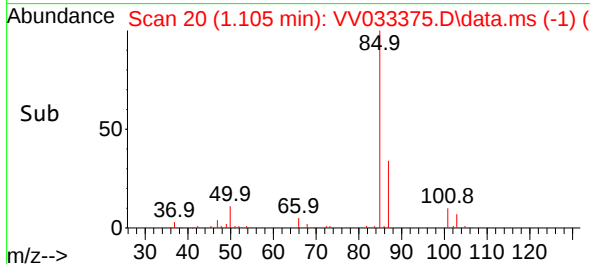
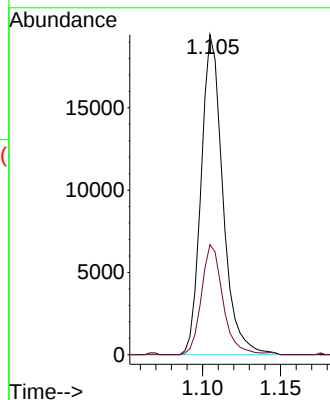
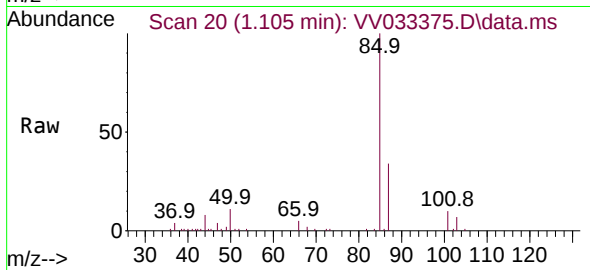




#2
 Dichlorodifluoromethane
 Concen: 8.169 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV033375.D
 Acq: 15 Dec 2023 13:51

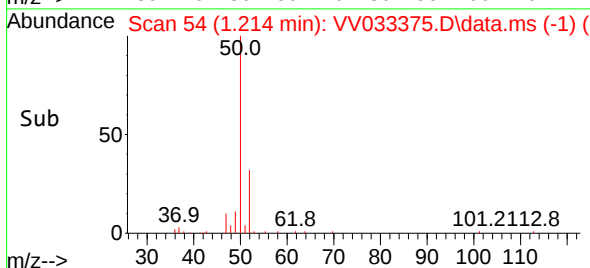
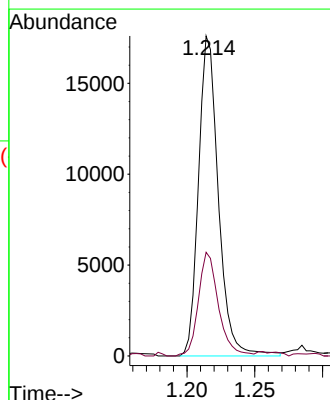
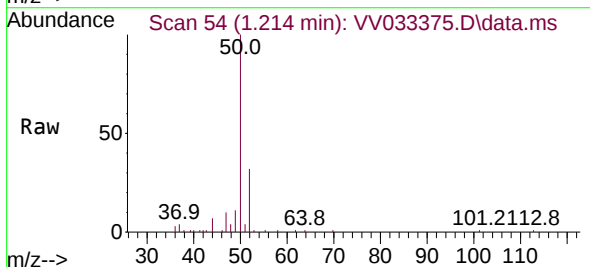
Instrument :
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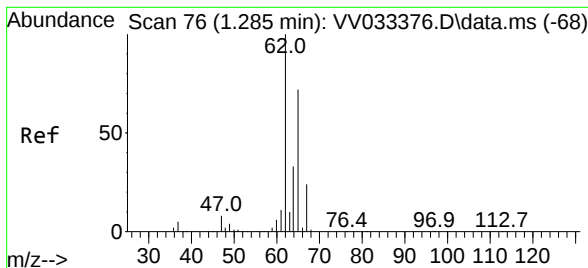
Tgt Ion: 85 Resp: 18865
 Ion Ratio Lower Upper
 85 100
 87 34.0 26.6 39.8



#3
 Chloromethane
 Concen: 11.173 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV033375.D
 Acq: 15 Dec 2023 13:51

Tgt Ion: 50 Resp: 17990
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.3 41.5

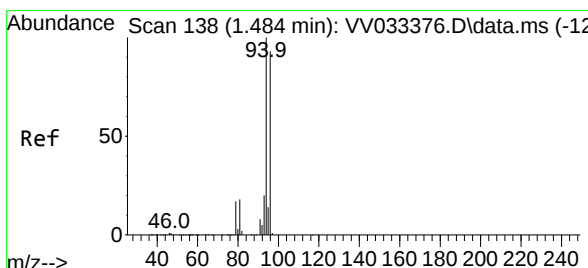
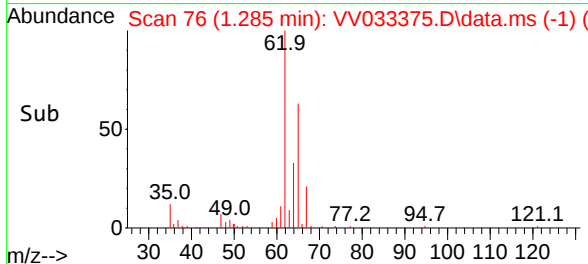
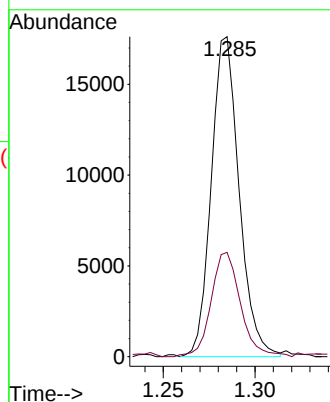
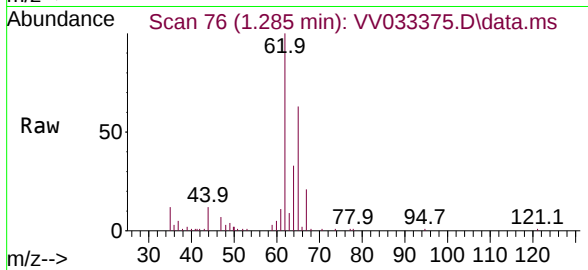




#5
 Vinyl chloride
 Concen: 11.699 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV033375.D
 Acq: 15 Dec 2023 13:51

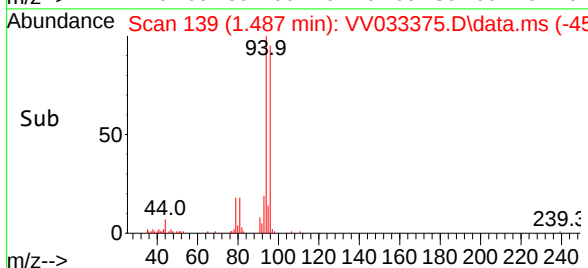
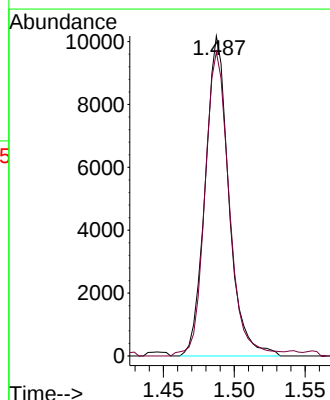
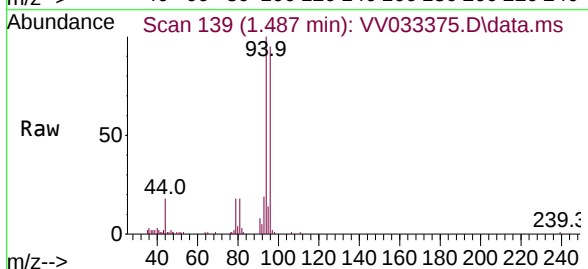
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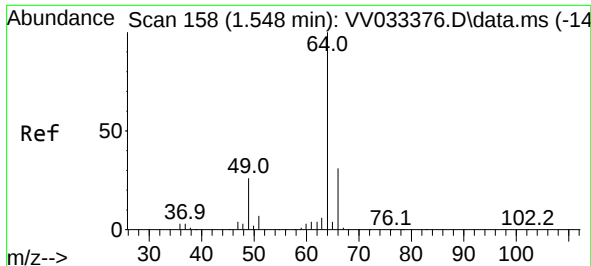
Tgt Ion: 62 Resp: 18585
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.4 43.6



#6
 Bromomethane
 Concen: 11.349 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV033375.D
 Acq: 15 Dec 2023 13:51

Tgt Ion: 94 Resp: 11804
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.1 120.9

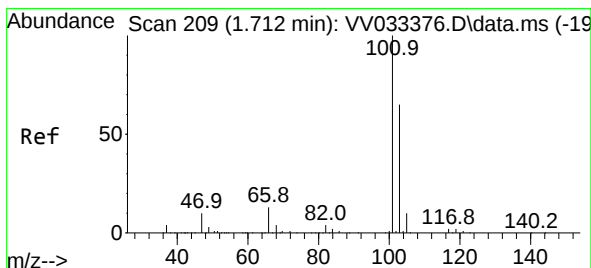
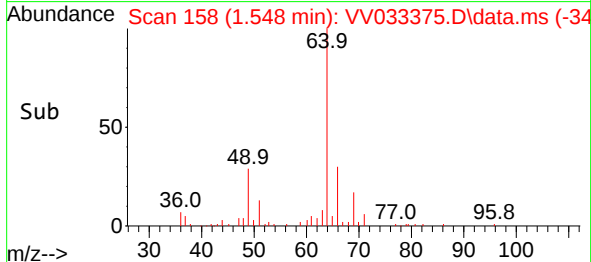
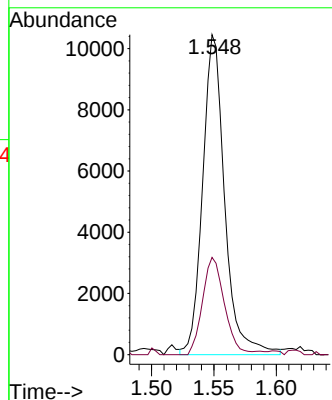
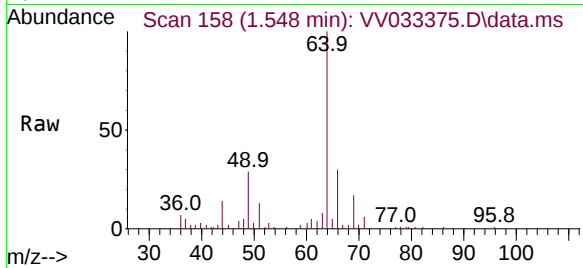




#8
Chloroethane
Concen: 14.259 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

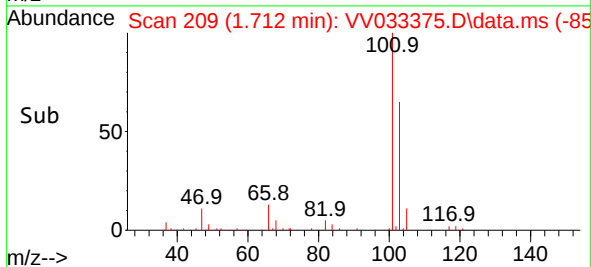
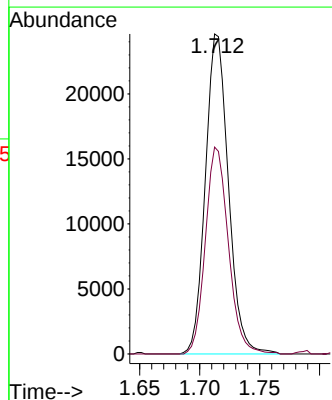
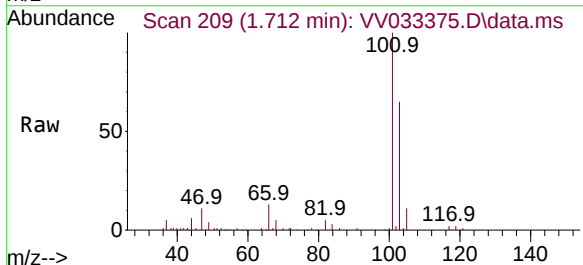
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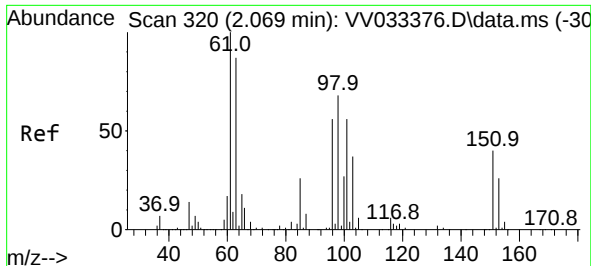
Tgt Ion: 64 Resp: 12902
Ion Ratio Lower Upper
64 100
66 30.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 12.491 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

Tgt Ion:101 Resp: 32917
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.4

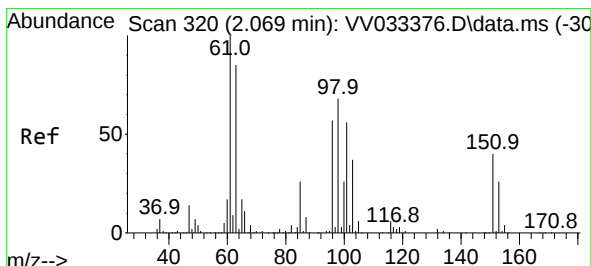
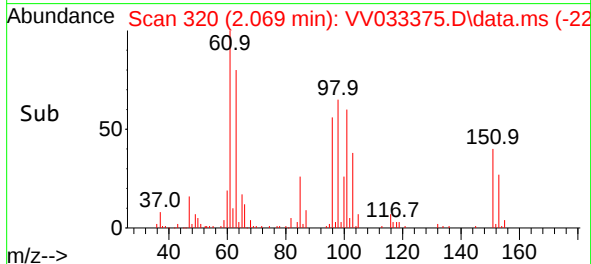
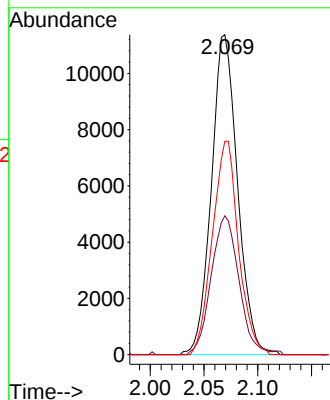
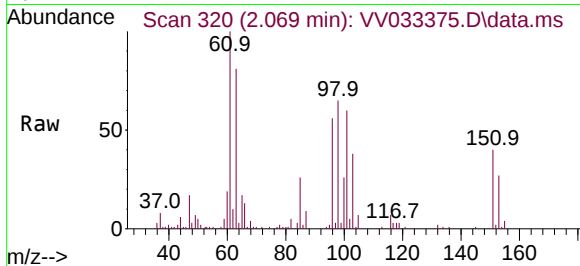




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 14.760 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV033375.D
 Acq: 15 Dec 2023 13:51

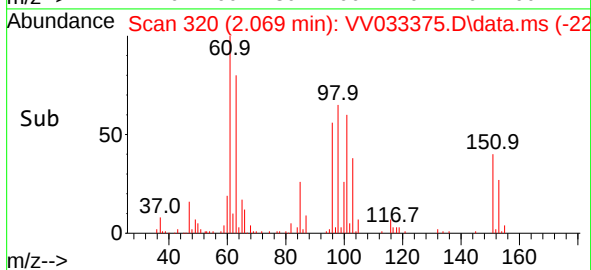
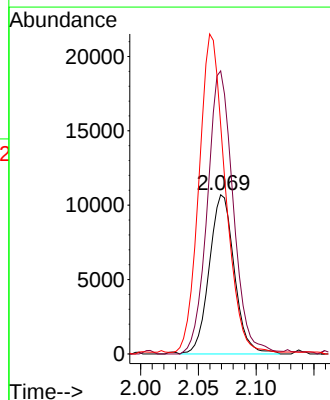
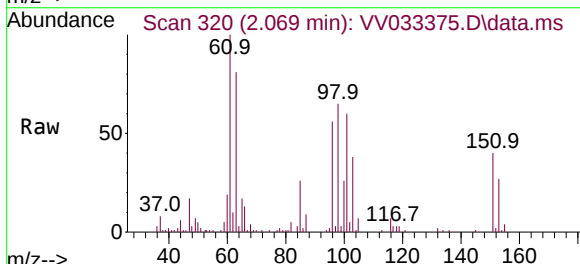
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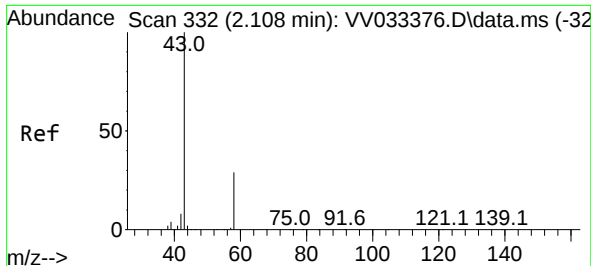
Tgt Ion:101 Resp: 19299
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.6 54.8
 151 66.5 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 13.484 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV033375.D
 Acq: 15 Dec 2023 13:51

Tgt Ion: 96 Resp: 16135
 Ion Ratio Lower Upper
 96 100
 61 177.8 124.3 230.8
 63 143.9 108.1 200.7





#13

Acetone

Concen: 26.321 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

Instrument :

MSVOA_V

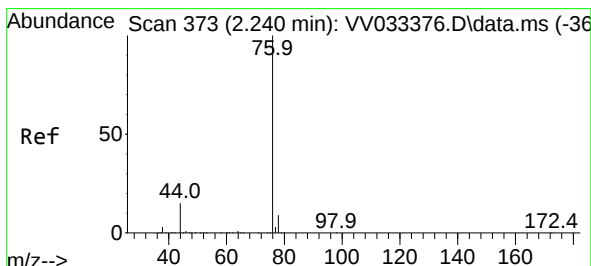
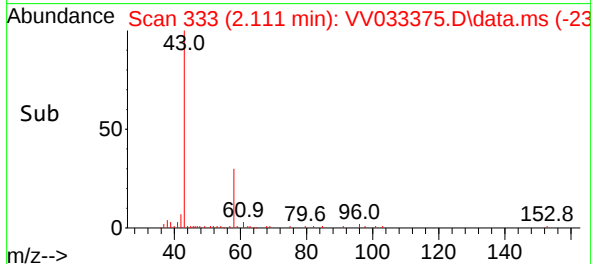
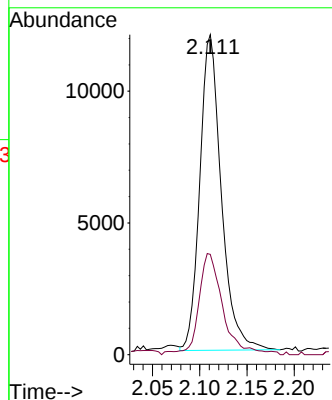
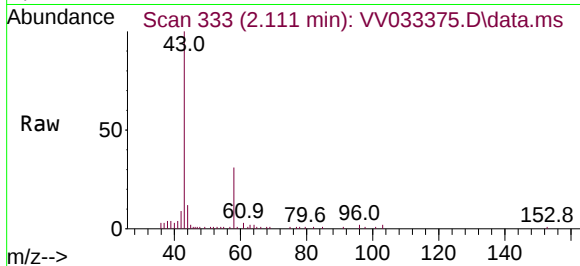
ClientSampleId :

Tgt Ion: 43 Resp: 18934

Ion Ratio Lower Upper

43 100

58 31.1 0.0 59.2



#14

Carbon disulfide

Concen: 10.301 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV033375.D

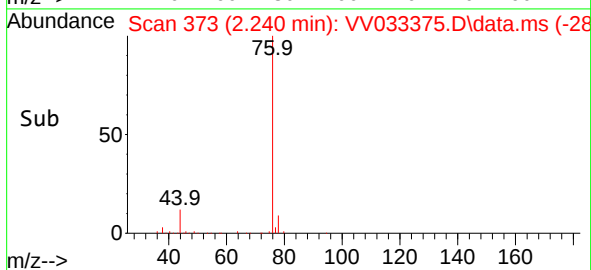
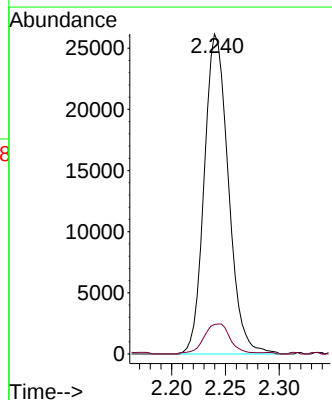
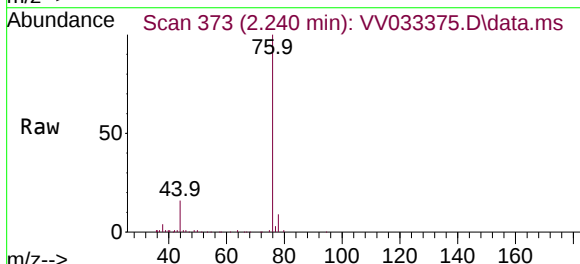
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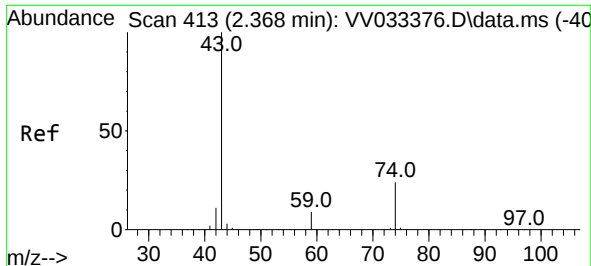
Tgt Ion: 76 Resp: 40876

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4

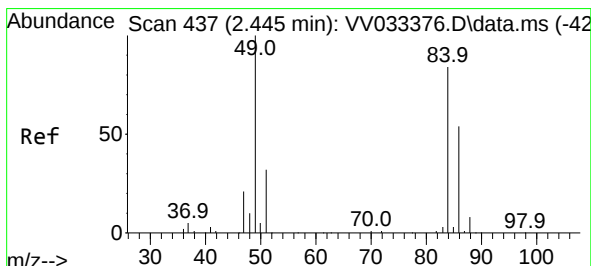
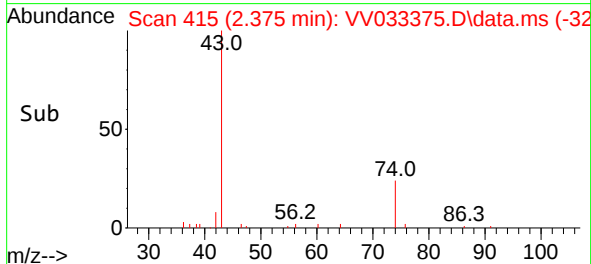
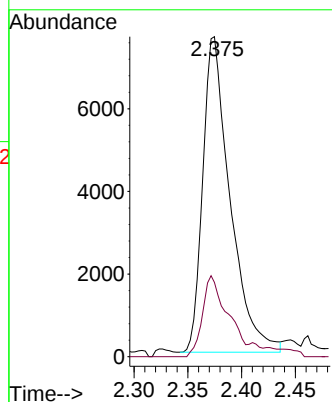
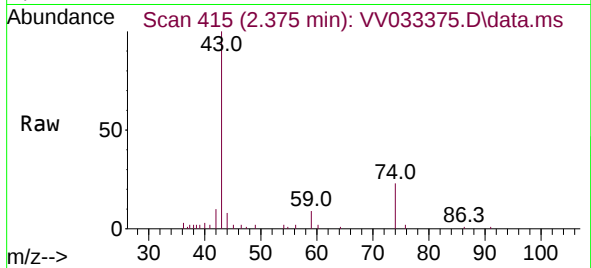




#15
Methyl Acetate
Concen: 11.982 ug/L
RT: 2.375 min Scan# 413
Delta R.T. 0.006 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

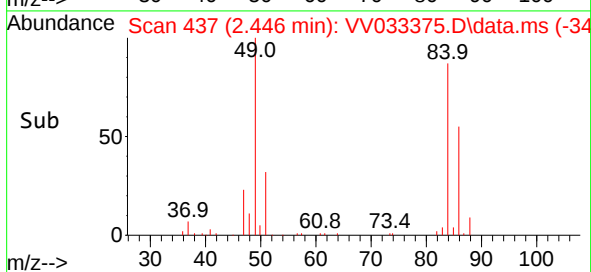
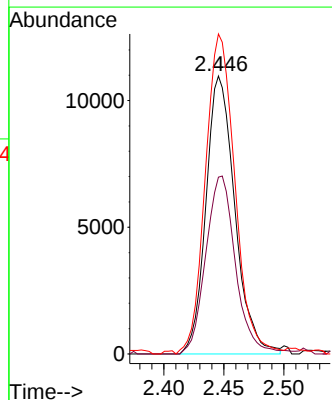
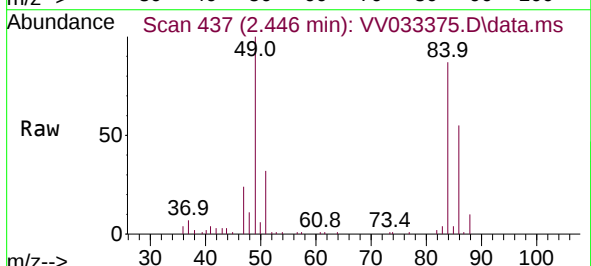
Instrument :
MSVOA_V
ClientSampleId :

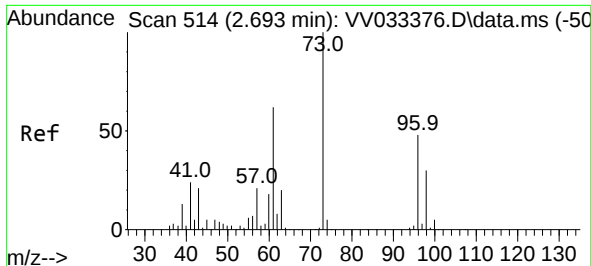
Tgt Ion: 43 Resp: 13507
Ion Ratio Lower Upper
43 100
74 23.4 20.8 31.2



#16
Methylene chloride
Concen: 12.138 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

Tgt Ion: 84 Resp: 18399
Ion Ratio Lower Upper
84 100
86 63.6 45.4 84.2
49 115.1 83.3 154.7

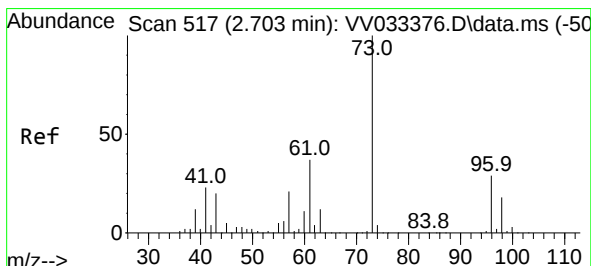
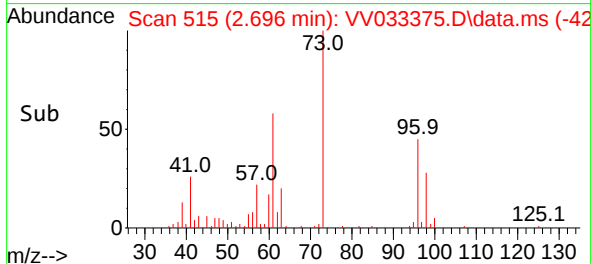
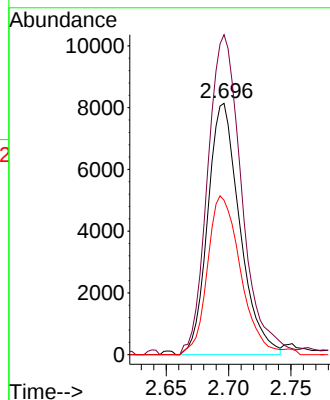
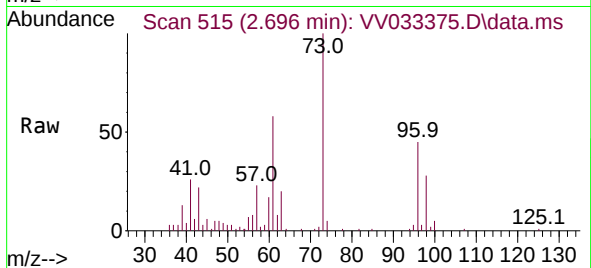




#17
trans-1,2-Dichloroethene
Concen: 9.974 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

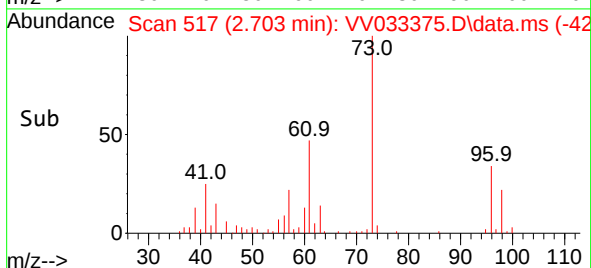
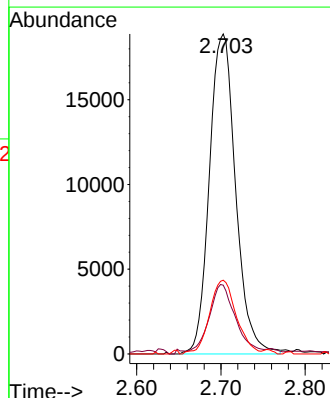
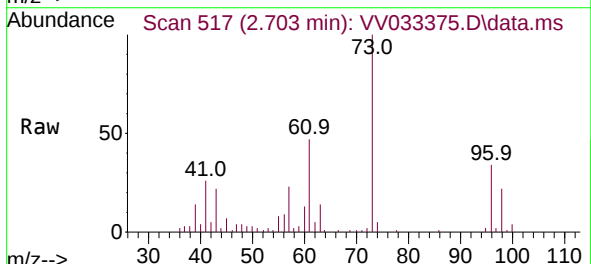
Instrument :
MSVOA_V
ClientSampleId :

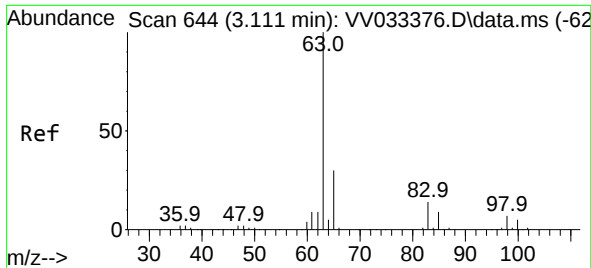
Tgt Ion: 96 Resp: 14586
Ion Ratio Lower Upper
96 100
61 127.3 89.6 166.4
98 61.4 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 9.205 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

Tgt Ion: 73 Resp: 40888
Ion Ratio Lower Upper
73 100
43 20.1 16.3 24.5
57 23.5 17.3 25.9





#19

1,1-Dichloroethane

Concen: 11.596 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.000 min

Lab File: VV033375.D

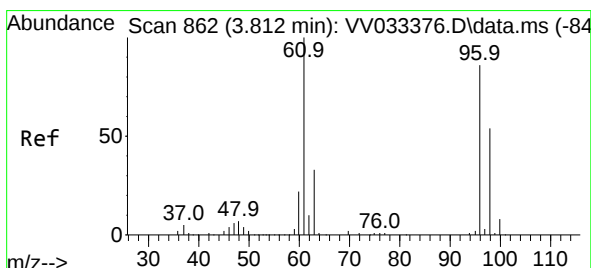
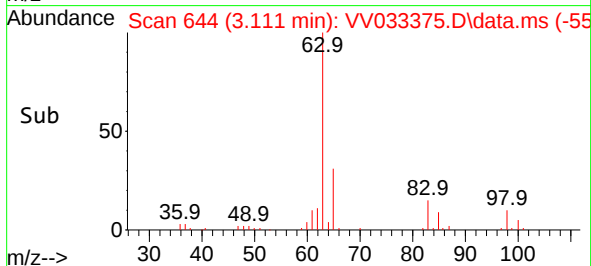
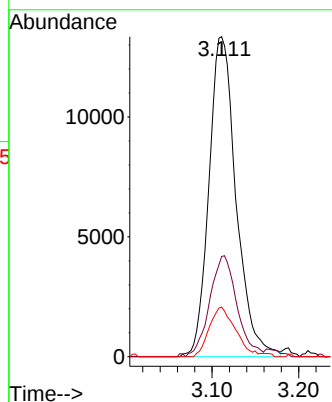
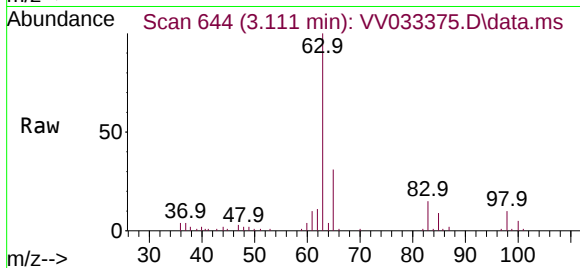
Acq: 15 Dec 2023 13:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	29106
Ion Ratio	Lower	Upper	
63	100		
65	31.3	21.1	39.3
83	15.5	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 10.234 ug/L

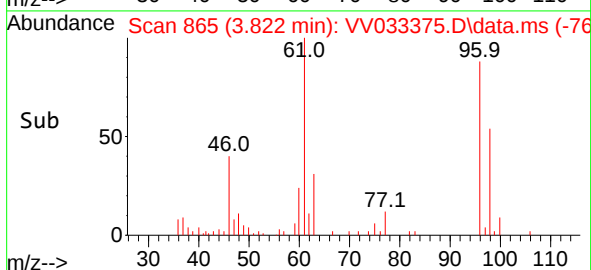
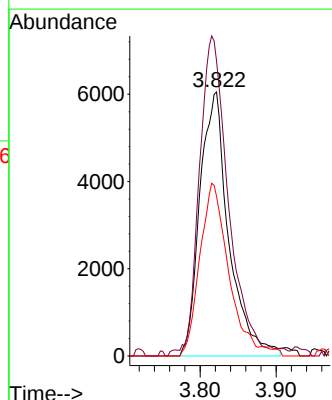
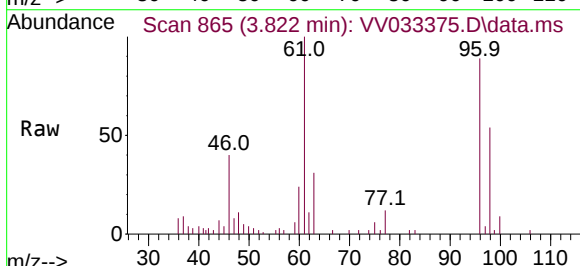
RT: 3.822 min Scan# 865

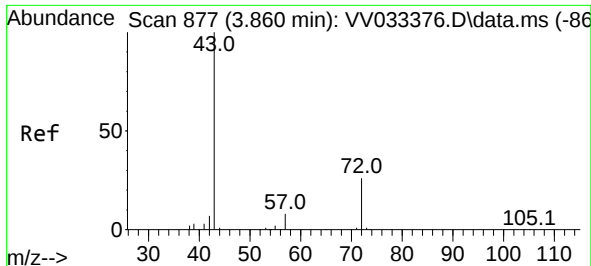
Delta R.T. 0.010 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

Tgt Ion:	96	Resp:	15981
Ion Ratio	Lower	Upper	
96	100		
61	111.8	81.9	152.1
98	60.5	44.3	82.3

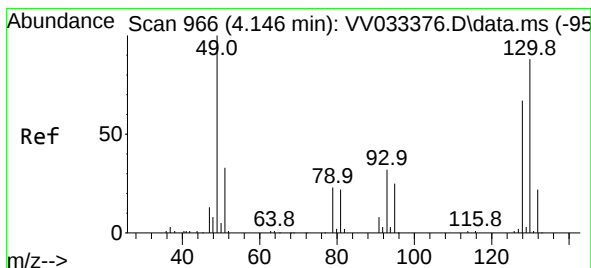
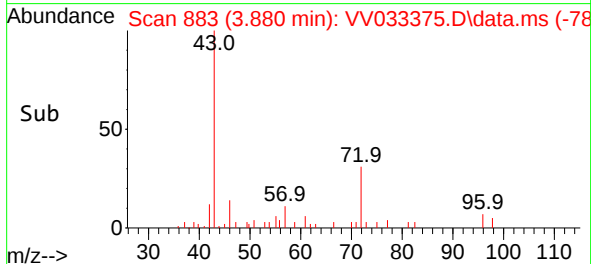
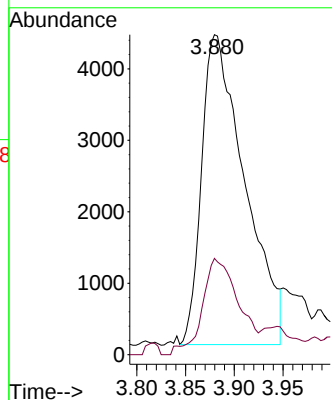
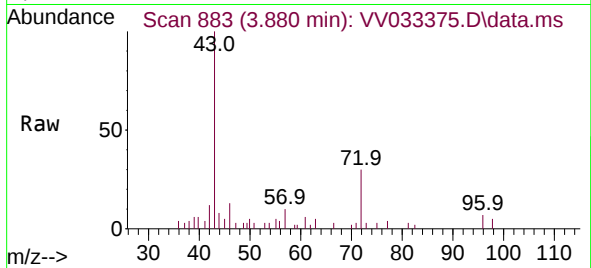




#22
2-Butanone
Concen: 15.926 ug/L
RT: 3.880 min Scan# 81
Delta R.T. 0.019 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

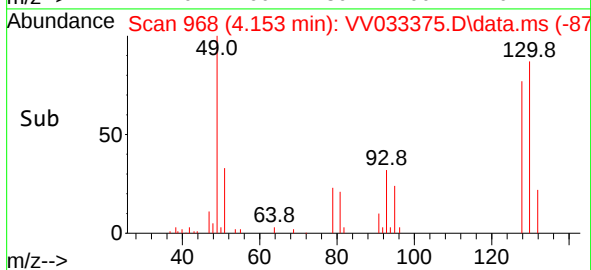
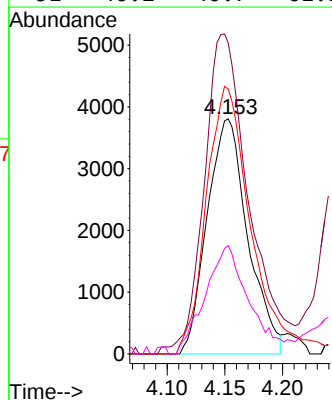
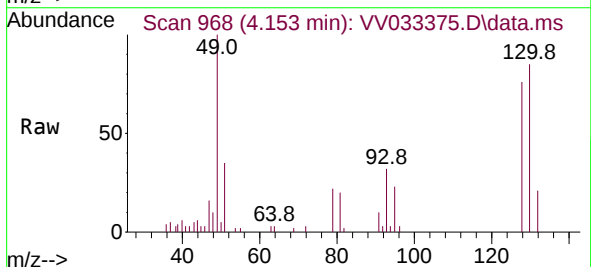
Instrument :
MSVOA_V
ClientSampleId :

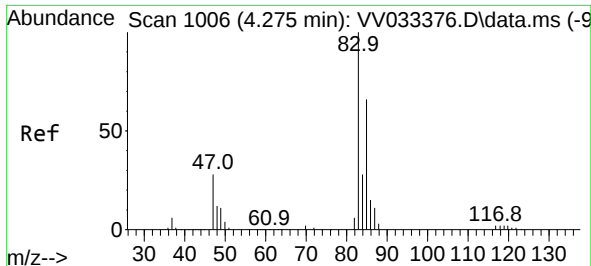
Tgt Ion: 43 Resp: 13357
Ion Ratio Lower Upper
43 100
72 23.5 12.4 37.4



#23
Bromochloromethane
Concen: 10.416 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.006 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

Tgt Ion:128 Resp: 9316
Ion Ratio Lower Upper
128 100
49 132.3 106.0 196.9
130 112.7 93.6 173.8
51 46.2 40.7 61.1





#25

Chloroform

Concen: 11.382 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

Instrument :

MSVOA_V

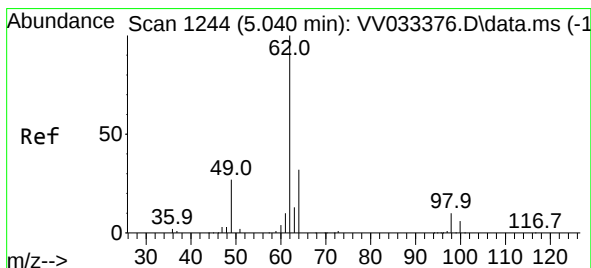
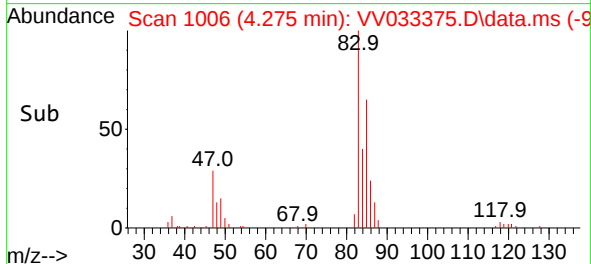
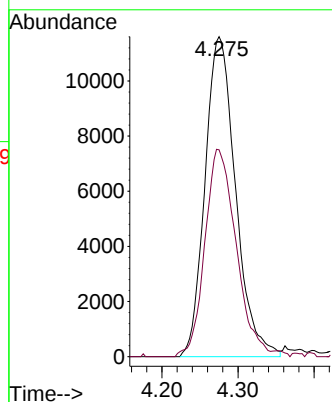
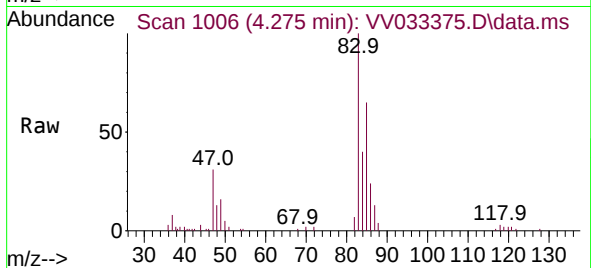
ClientSampleId :

Tgt Ion: 83 Resp: 32377

Ion Ratio Lower Upper

83 100

85 64.7 46.1 85.7



#27

1,2-Dichloroethane

Concen: 11.493 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.003 min

Lab File: VV033375.D

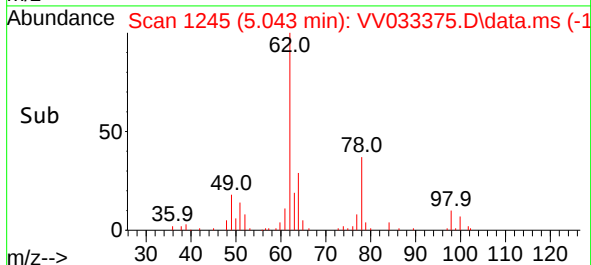
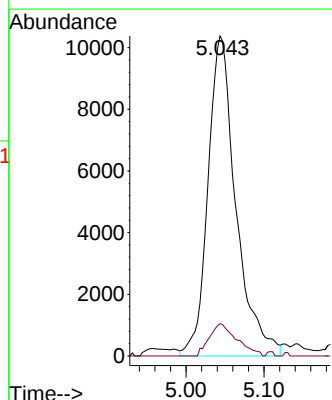
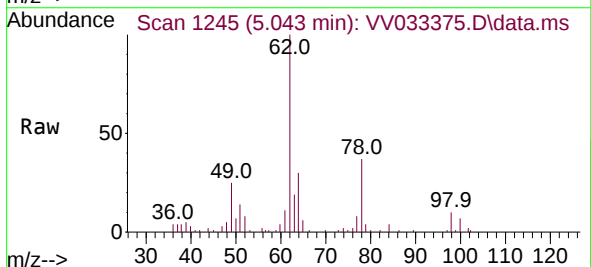
Acq: 15 Dec 2023 13:51

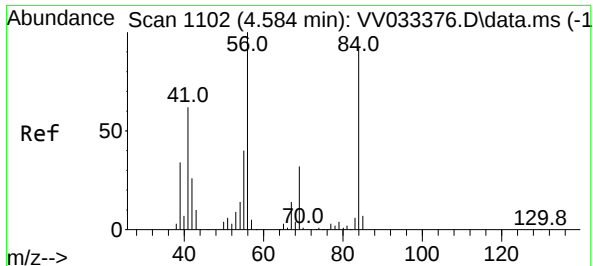
Tgt Ion: 62 Resp: 25878

Ion Ratio Lower Upper

62 100

98 10.1 8.0 12.0





#29

Cyclohexane

Concen: 8.588 ug/L

RT: 4.580 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

Instrument :

MSVOA_V

ClientSampleId :

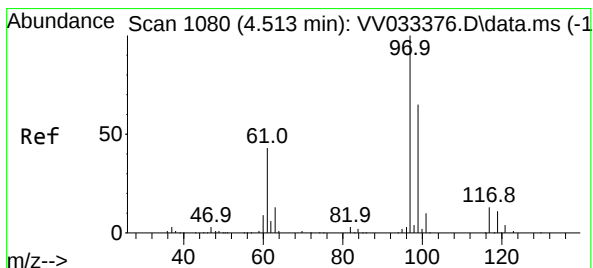
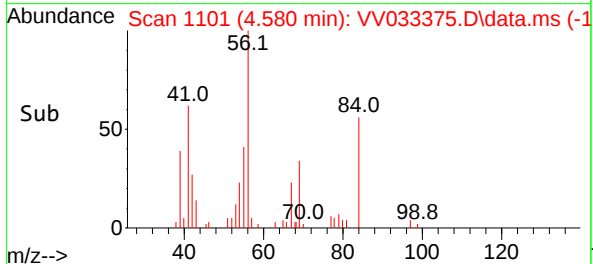
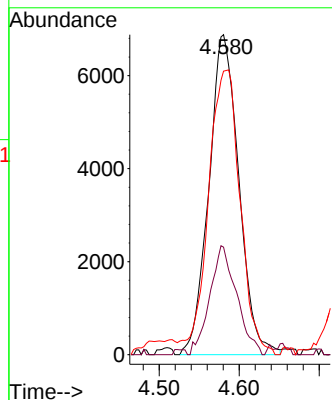
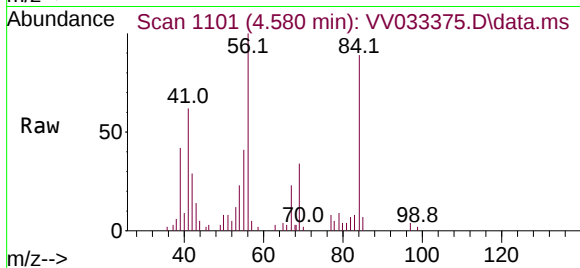
Tgt Ion: 56 Resp: 17946

Ion Ratio Lower Upper

56 100

69 29.9 25.8 38.6

84 94.1 75.2 112.8



#30

1,1,1-Trichloroethane

Concen: 10.340 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

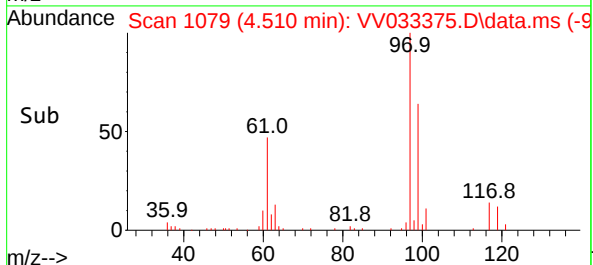
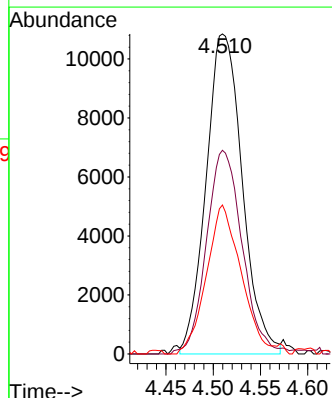
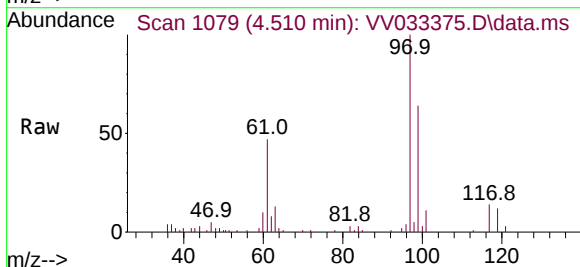
Tgt Ion: 97 Resp: 28932

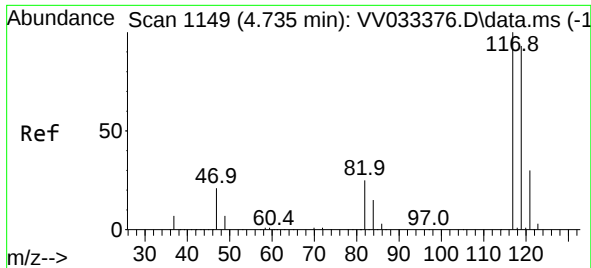
Ion Ratio Lower Upper

97 100

99 62.3 51.8 77.6

61 44.6 34.8 52.2

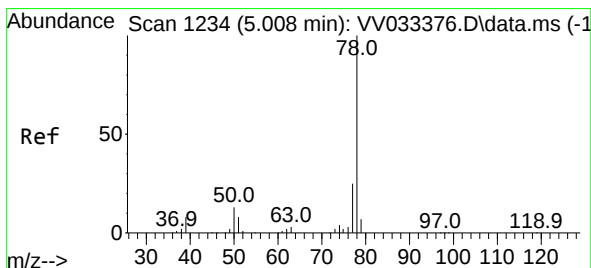
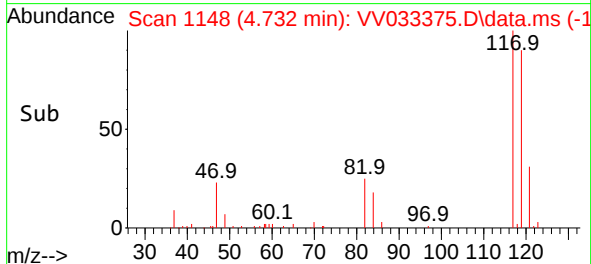
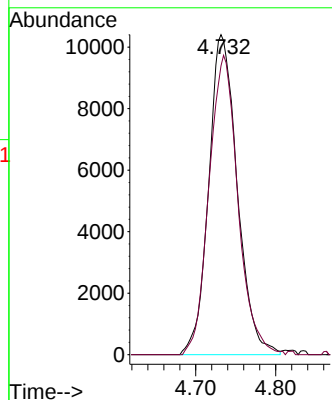
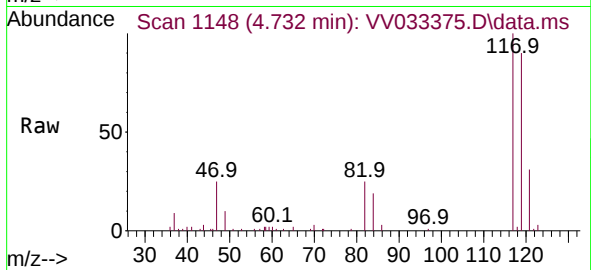




#31
Carbon tetrachloride
Concen: 9.992 ug/L
RT: 4.732 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

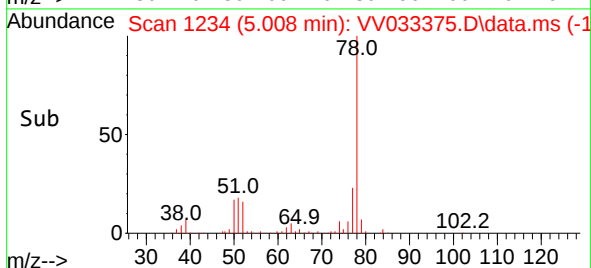
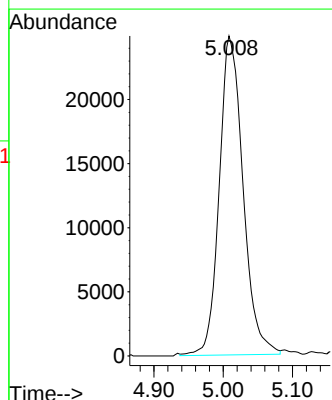
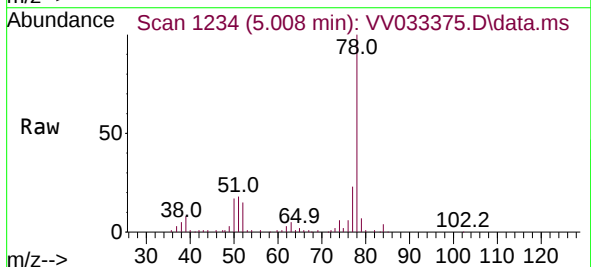
Instrument :
MSVOA_V
ClientSampleId :

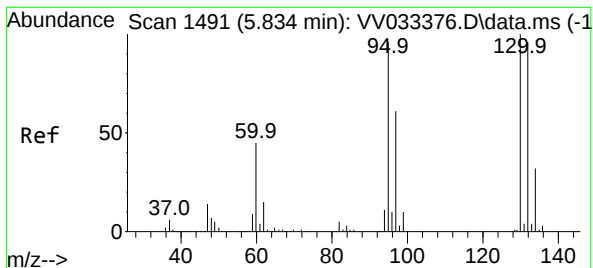
Tgt Ion:117 Resp: 25846
Ion Ratio Lower Upper
117 100
119 94.6 77.8 116.6



#33
Benzene
Concen: 10.211 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

Tgt Ion: 78 Resp: 59461





#34

Trichloroethene

Concen: 9.944 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 16965

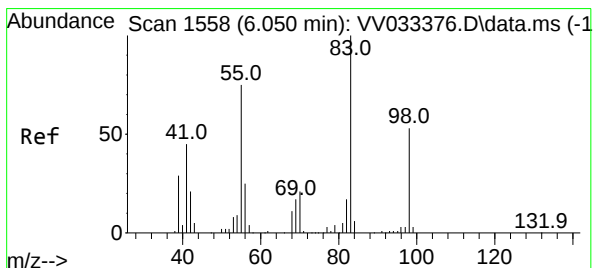
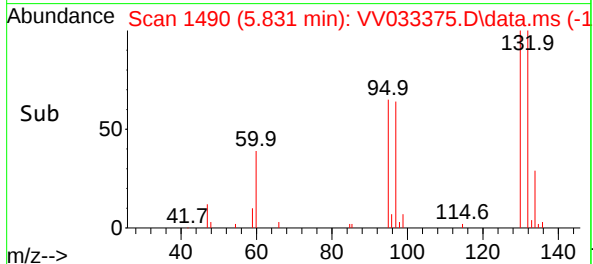
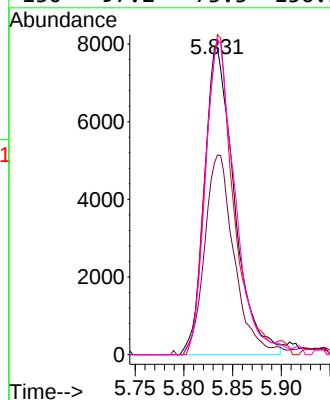
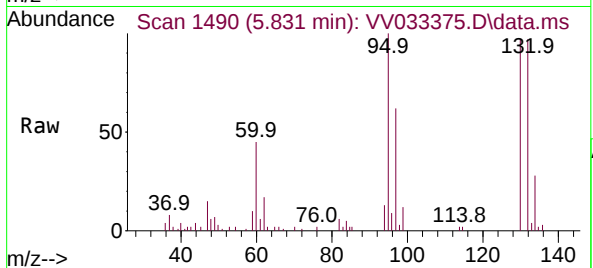
Ion Ratio Lower Upper

95 100

97 62.5 44.8 83.2

132 97.1 69.9 129.7

130 97.2 73.3 136.1



#35

Methylcyclohexane

Concen: 8.892 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.003 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

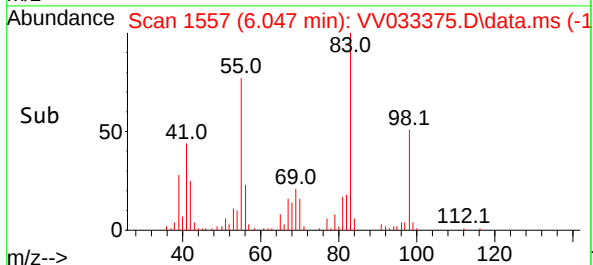
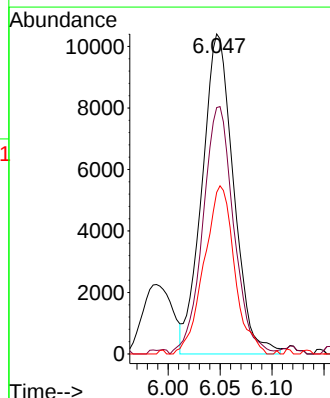
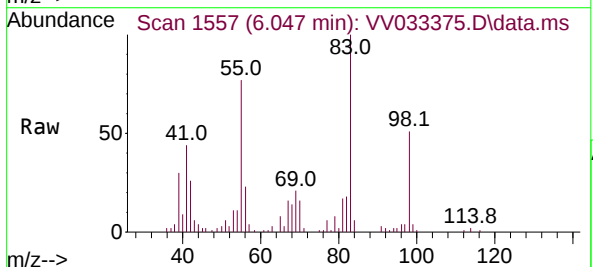
Tgt Ion: 83 Resp: 21919

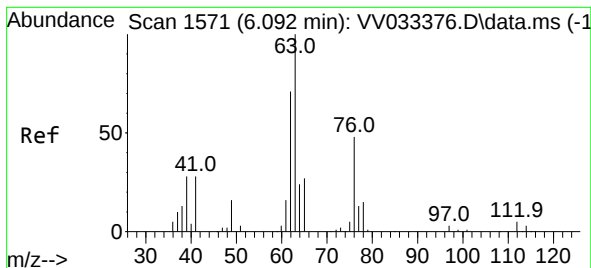
Ion Ratio Lower Upper

83 100

55 75.5 58.6 88.0

98 50.8 40.9 61.3





#37

1,2-Dichloropropane

Concen: 12.054 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

Instrument :

MSVOA_V

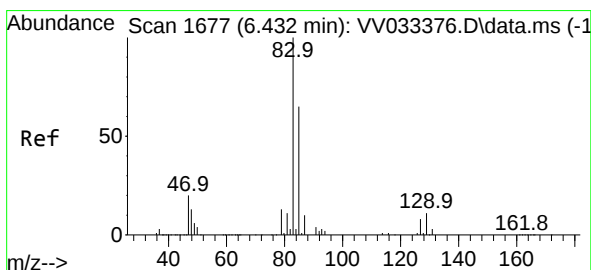
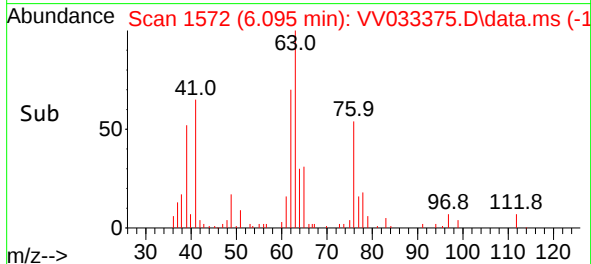
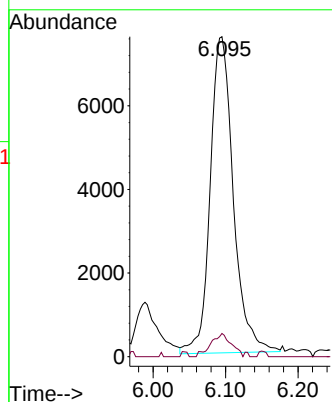
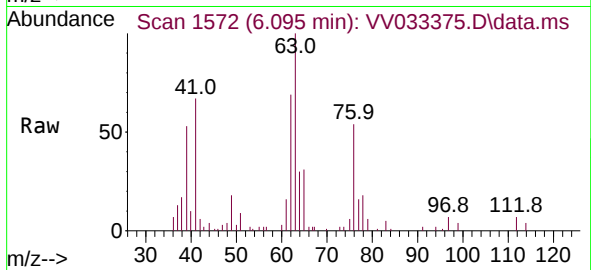
ClientSampleId :

Tgt Ion: 63 Resp: 16773

Ion Ratio Lower Upper

63 100

112 6.1 3.7 5.5#



#38

Bromodichloromethane

Concen: 10.855 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

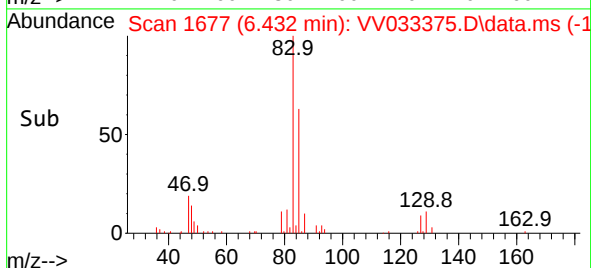
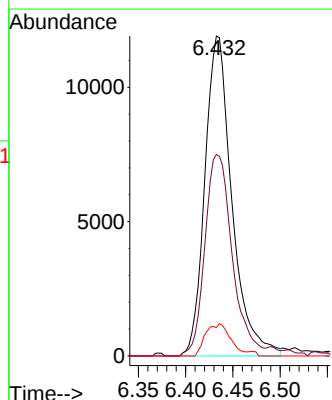
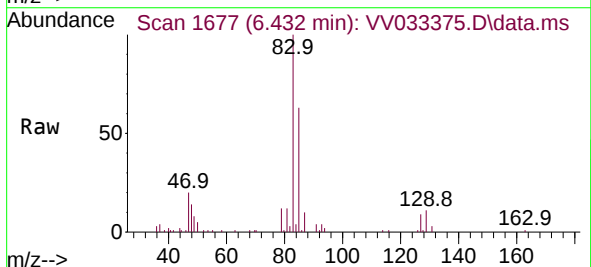
Tgt Ion: 83 Resp: 23730

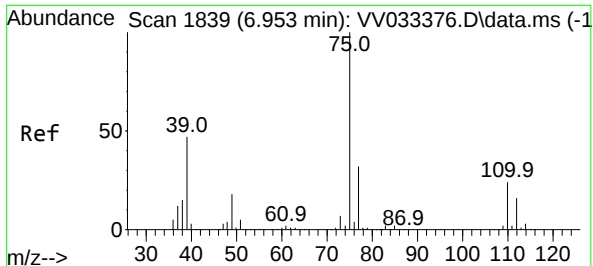
Ion Ratio Lower Upper

83 100

85 63.0 45.2 84.0

127 10.1 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 8.139 ug/L

RT: 6.957 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

Instrument :

MSVOA_V

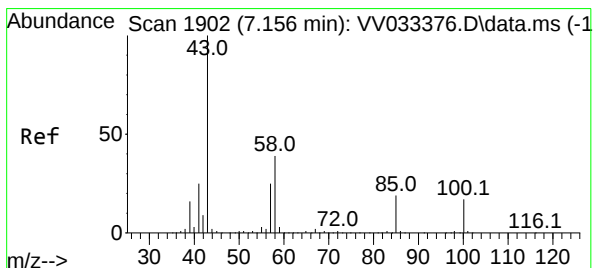
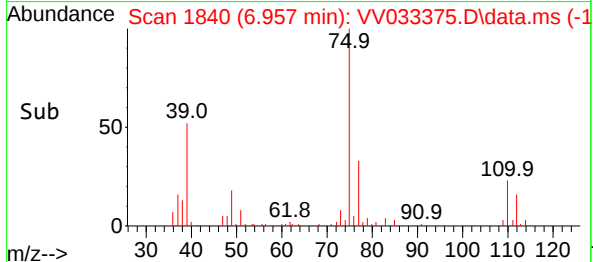
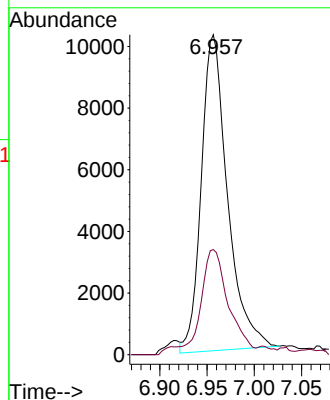
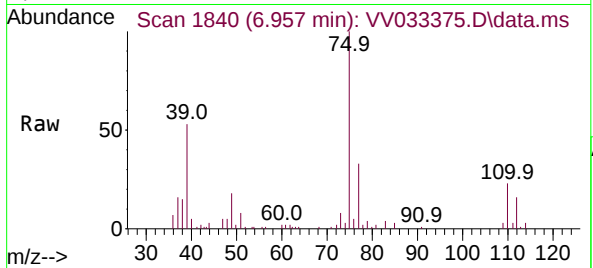
ClientSampleId :

Tgt Ion: 75 Resp: 19794

Ion Ratio Lower Upper

75 100

77 32.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 19.034 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.003 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

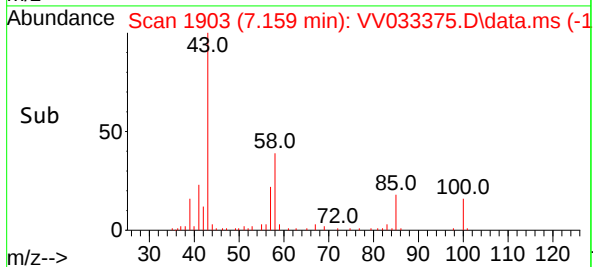
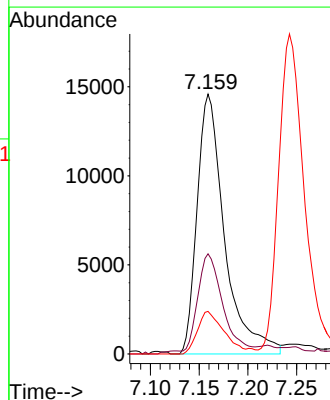
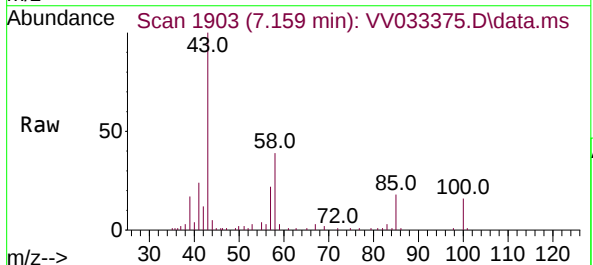
Tgt Ion: 43 Resp: 28637

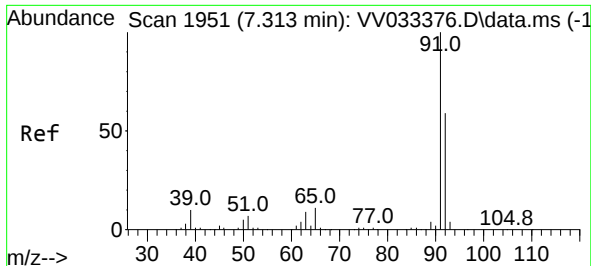
Ion Ratio Lower Upper

43 100

58 33.5 30.7 46.1

100 15.7 13.6 20.4





#42

Toluene

Concen: 9.074 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

Instrument :

MSVOA_V

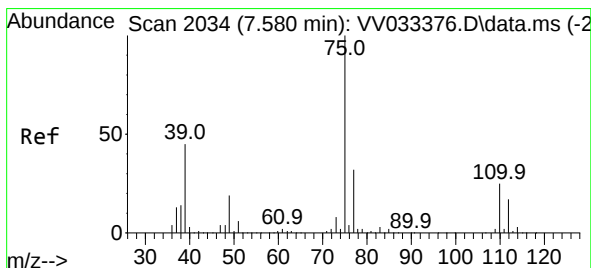
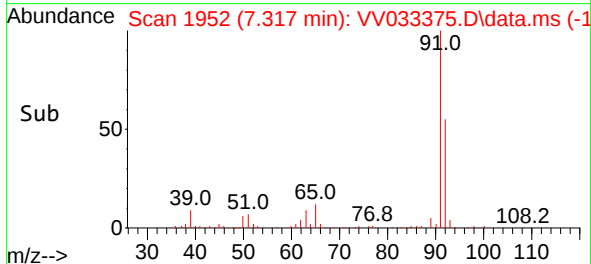
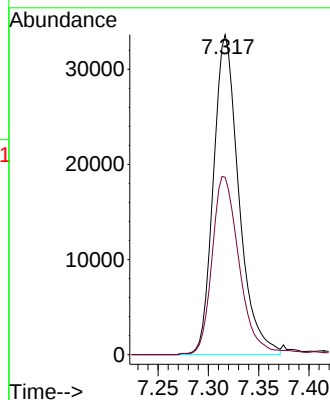
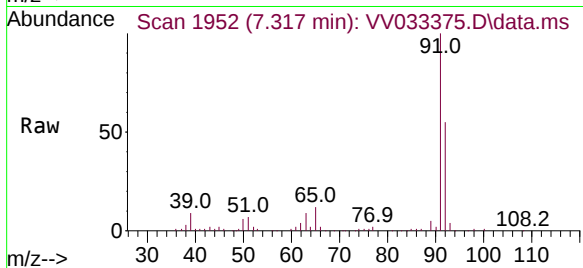
ClientSampleId :

Tgt Ion: 91 Resp: 59254

Ion Ratio Lower Upper

91 100

92 55.4 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 8.809 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.003 min

Lab File: VV033375.D

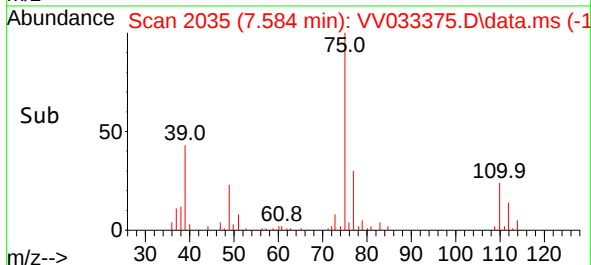
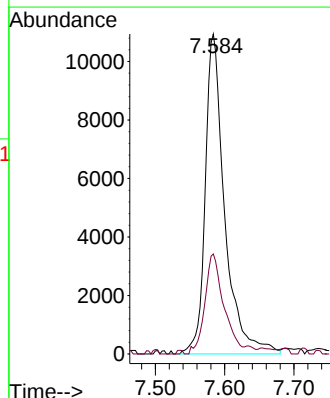
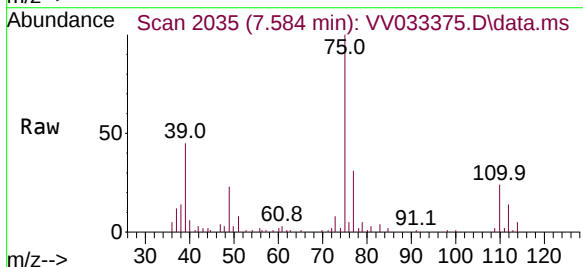
Acq: 15 Dec 2023 13:51

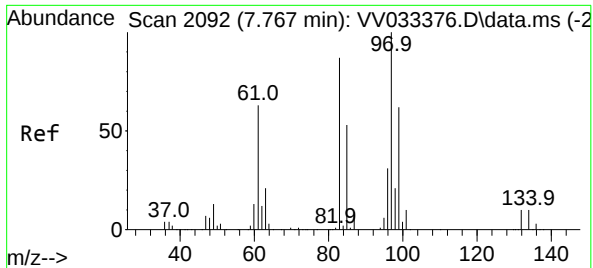
Tgt Ion: 75 Resp: 21311

Ion Ratio Lower Upper

75 100

77 31.3 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 10.871 ug/L

RT: 7.770 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 17237

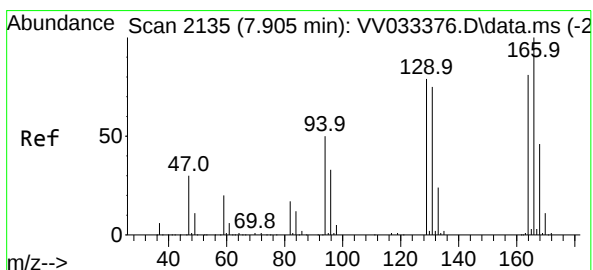
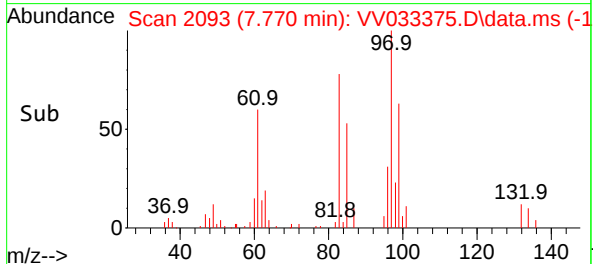
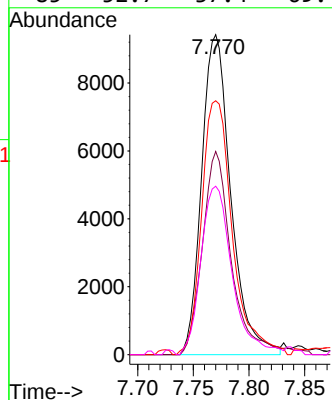
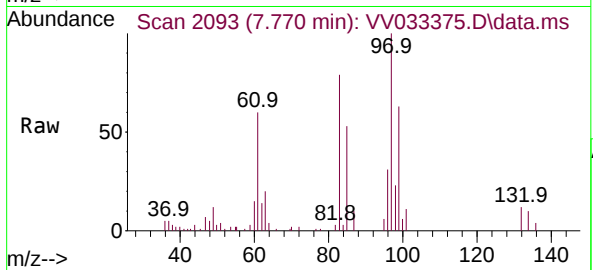
Ion Ratio Lower Upper

97 100

99 63.5 43.5 80.7

83 79.4 61.0 113.4

85 52.7 37.4 69.4



#46

Tetrachloroethene

Concen: 8.822 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

Tgt Ion:164 Resp: 12709

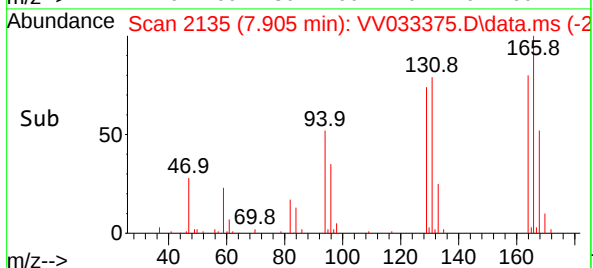
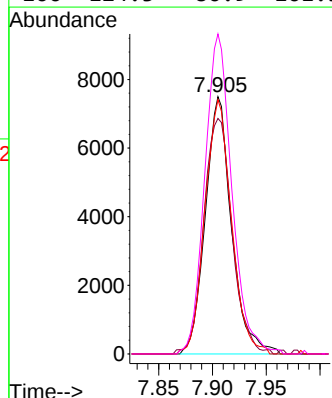
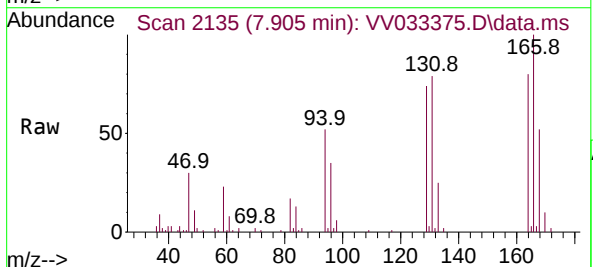
Ion Ratio Lower Upper

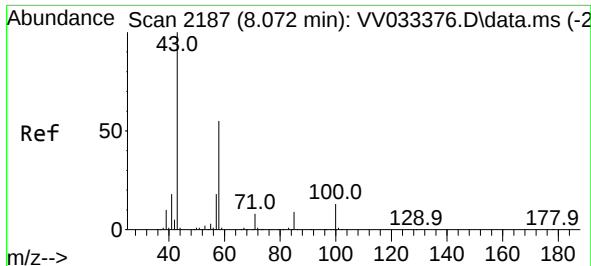
164 100

129 91.5 68.9 127.9

131 98.8 65.3 121.3

166 124.3 86.9 161.3

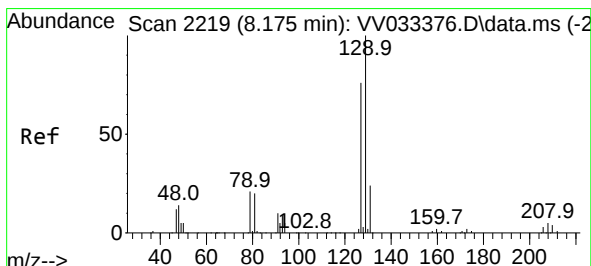
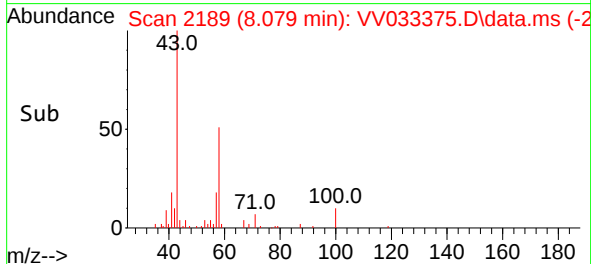
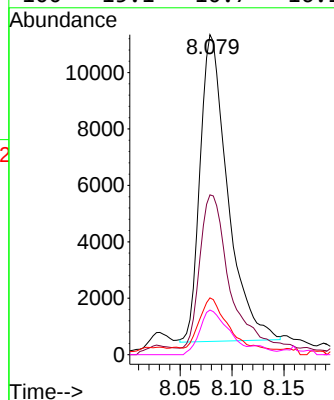
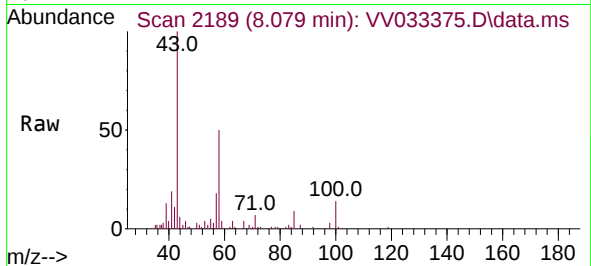




#48
2-Hexanone
Concen: 16.192 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.007 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

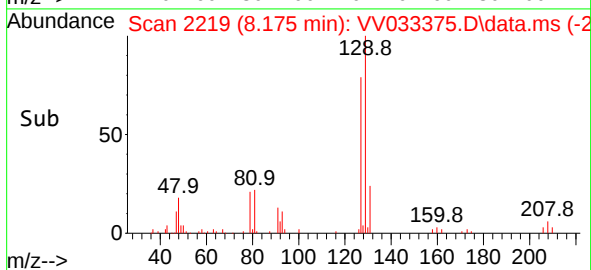
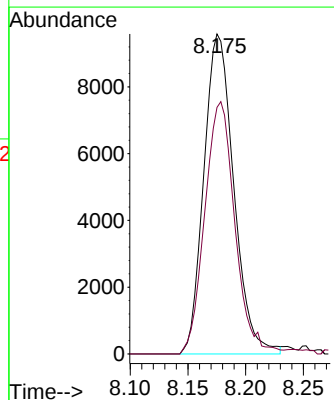
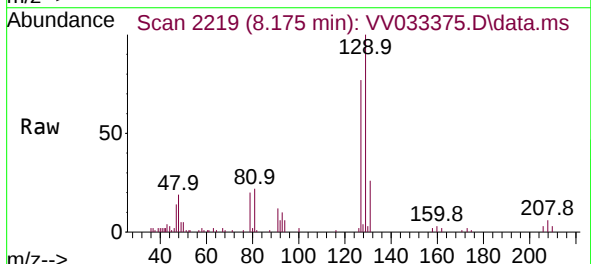
Instrument :
MSVOA_V
ClientSampleId :

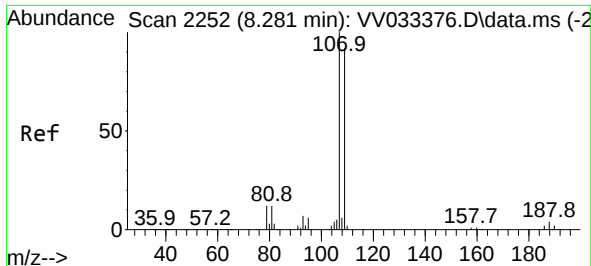
Tgt Ion: 43	Resp: 20054
Ion Ratio	Lower Upper
43 100	
58 54.1	43.0 64.6
57 15.4	14.7 22.1
100 15.1	10.7 16.1



#49
Dibromochloromethane
Concen: 9.404 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

Tgt Ion:129	Resp:	17284	
Ion	Ratio	Lower	Upper
129	100		
127	77.1	53.3	98.9





#50

1,2-Dibromoethane

Concen: 10.191 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV033375.D

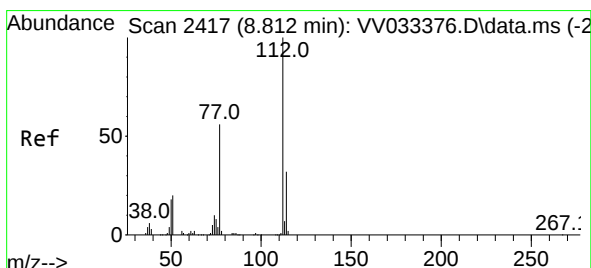
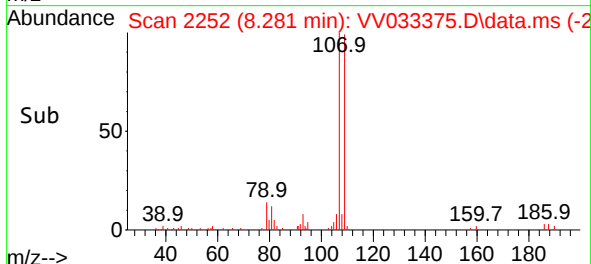
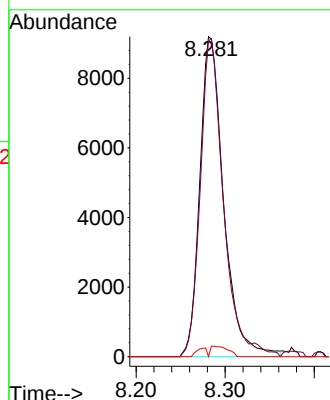
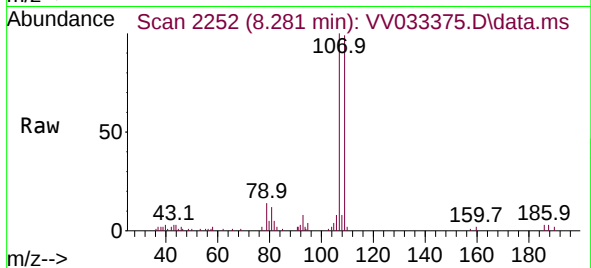
Acq: 15 Dec 2023 13:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	17097
Ion	Ratio	Lower	Upper
107	100		
109	98.7	64.2	119.2
188	0.0	2.9	4.3#



#51

Chlorobenzene

Concen: 10.114 ug/L

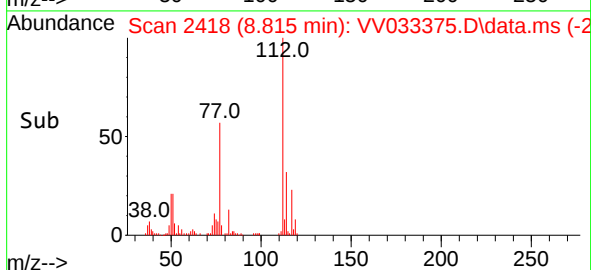
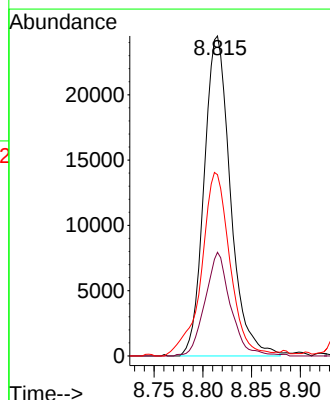
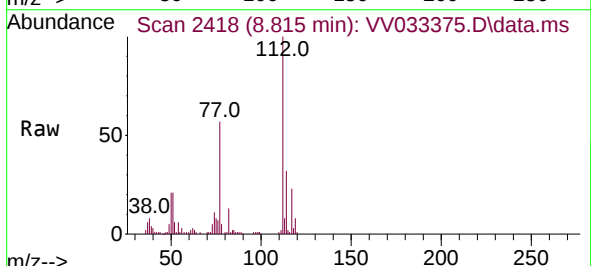
RT: 8.815 min Scan# 2418

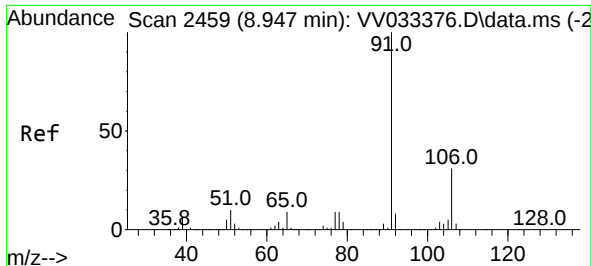
Delta R.T. 0.003 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

Tgt Ion:	112	Resp:	46172
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.5	41.7
77	56.6	45.2	67.8

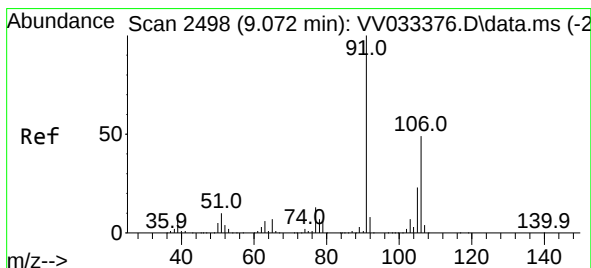
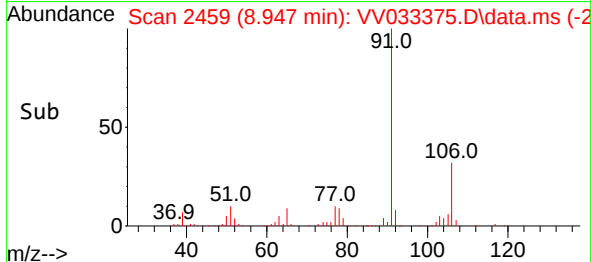
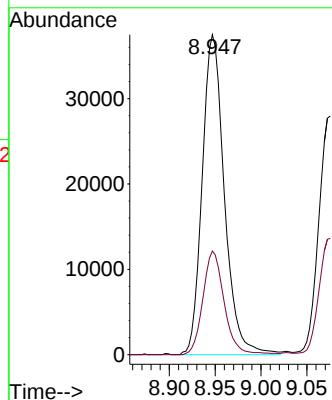
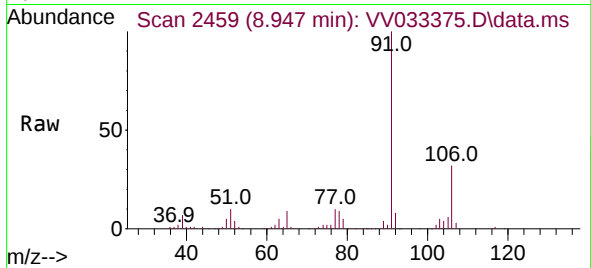




#52
Ethylbenzene
Concen: 8.491 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

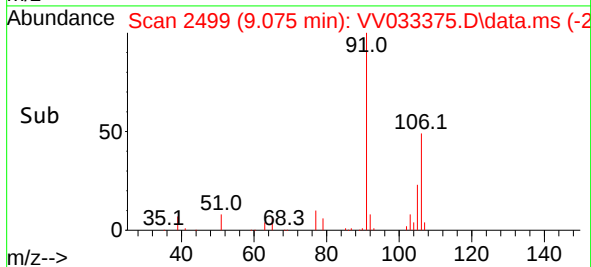
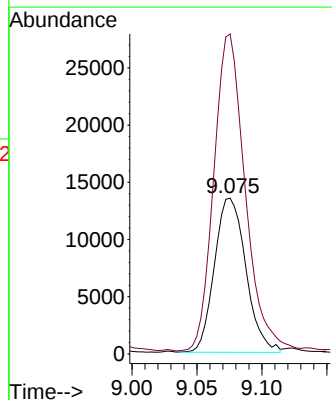
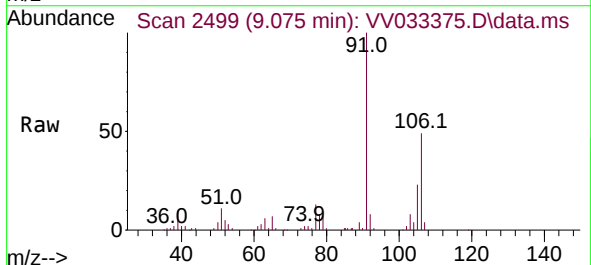
Instrument :
MSVOA_V
ClientSampleId :

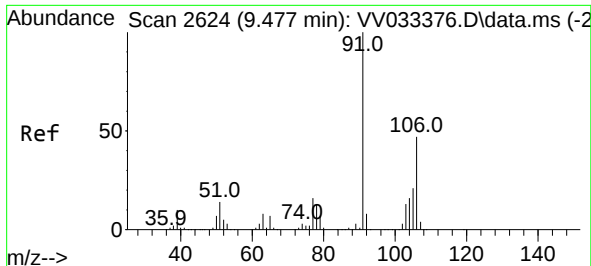
Tgt Ion: 91 Resp: 63103
Ion Ratio Lower Upper
91 100
106 32.4 21.6 40.2



#53
m,p-Xylene
Concen: 7.746 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

Tgt Ion: 106 Resp: 22681
Ion Ratio Lower Upper
106 100
91 205.3 143.0 265.6

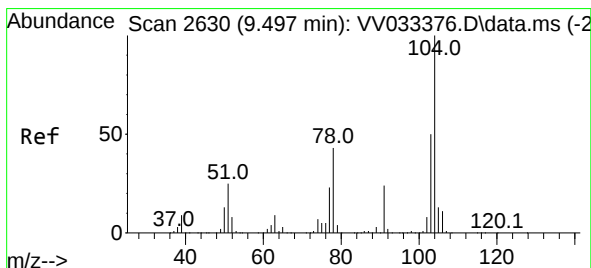
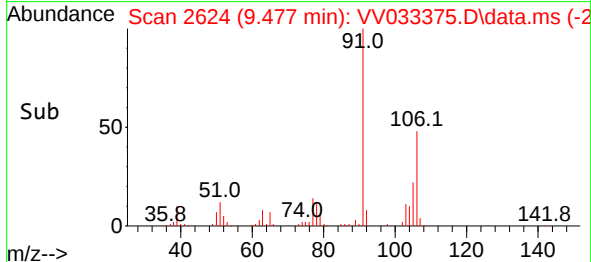
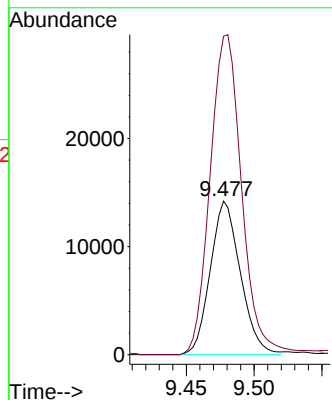
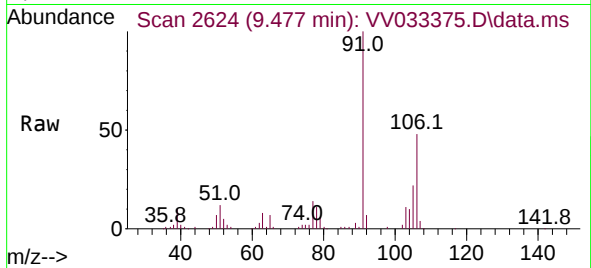




#54
o-Xylene
Concen: 7.649 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

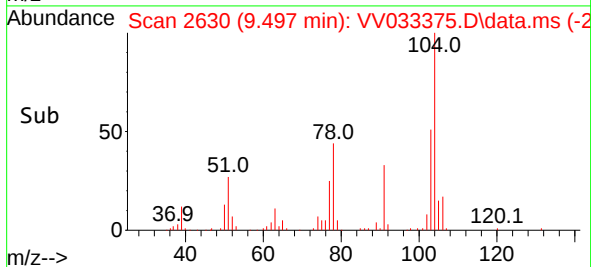
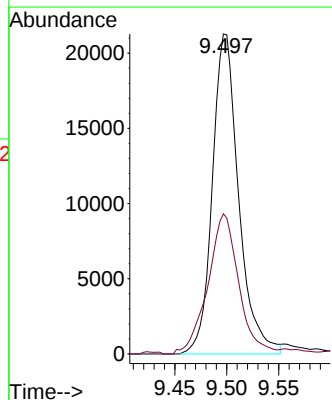
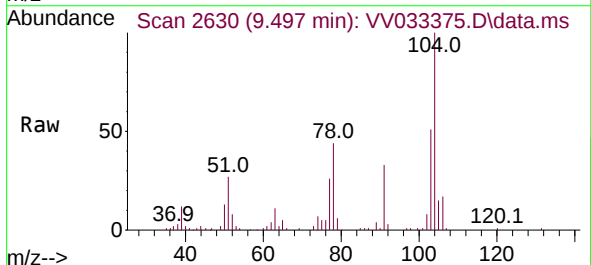
Instrument :
MSVOA_V
ClientSampleId :

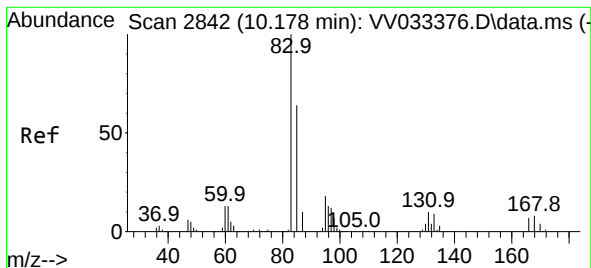
Tgt Ion:106 Resp: 21954
Ion Ratio Lower Upper
106 100
91 207.3 149.7 278.1



#55
Styrene
Concen: 7.477 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

Tgt Ion:104 Resp: 37467
Ion Ratio Lower Upper
104 100
78 43.8 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 11.301 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

Instrument :

MSVOA_V

ClientSampleId :

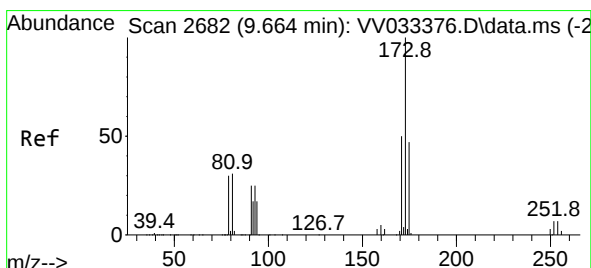
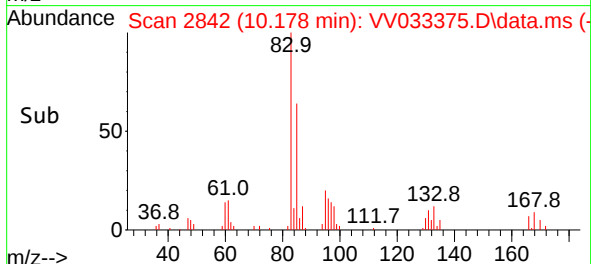
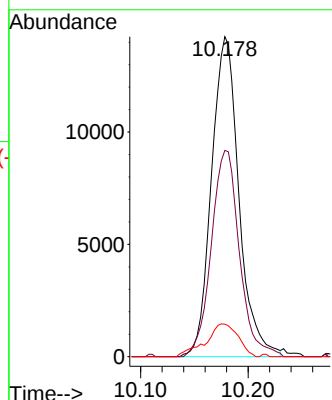
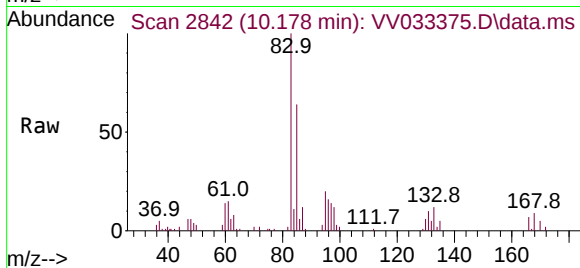
Tgt Ion: 83 Resp: 25266

Ion Ratio Lower Upper

83 100

85 64.4 44.8 83.2

131 10.2 8.6 12.8



#59

Bromoform

Concen: 9.357 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.000 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

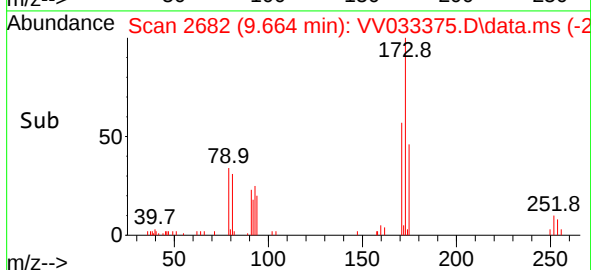
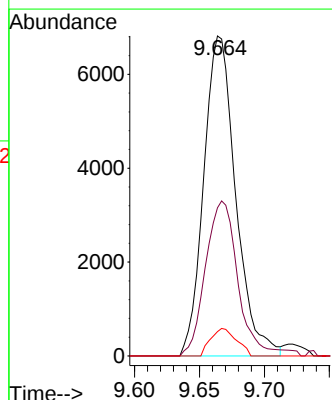
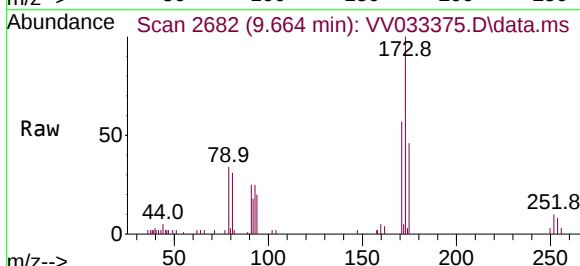
Tgt Ion: 173 Resp: 11665

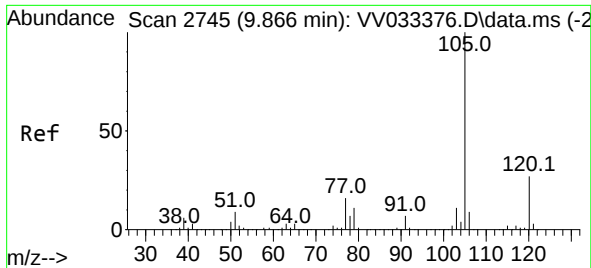
Ion Ratio Lower Upper

173 100

175 49.5 38.8 58.2

254 6.9 5.8 8.8

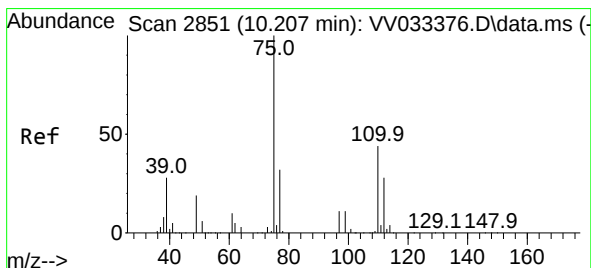
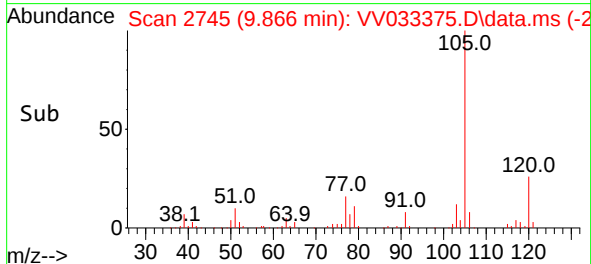
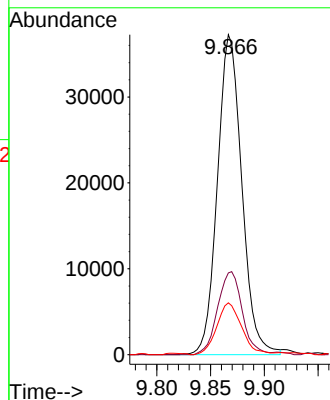
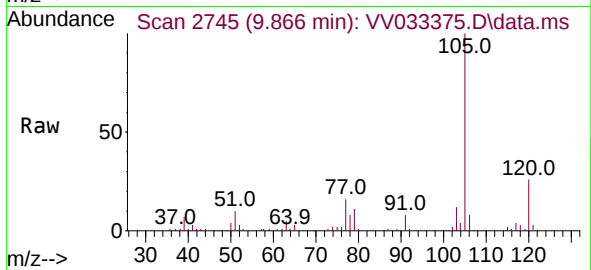




#60
Isopropylbenzene
Concen: 8.738 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

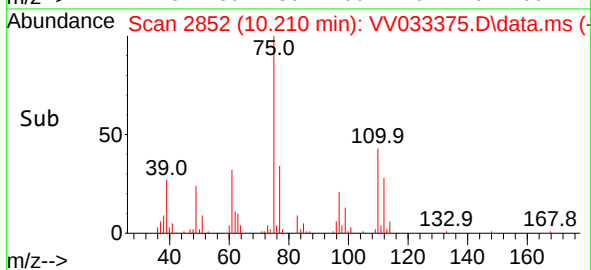
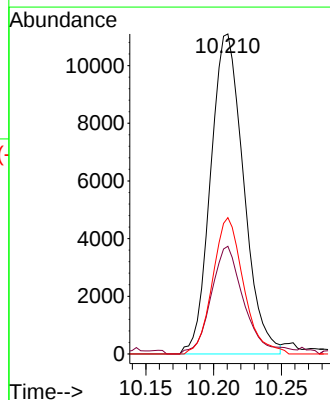
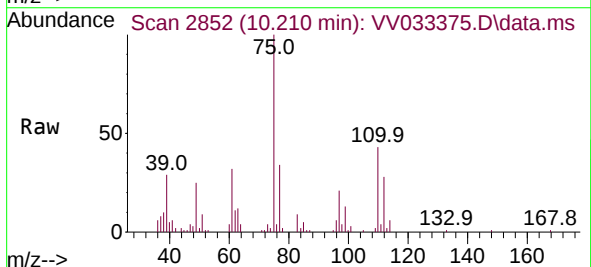
Instrument :
MSVOA_V
ClientSampleId :

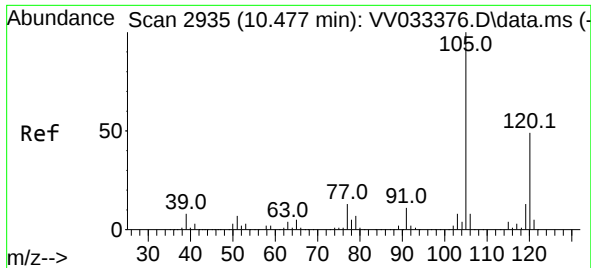
Tgt Ion:105 Resp: 58835
Ion Ratio Lower Upper
105 100
120 26.1 21.2 31.8
77 16.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 12.084 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

Tgt Ion: 75 Resp: 18767
Ion Ratio Lower Upper
75 100
77 33.6 25.7 38.5
110 39.9 33.9 50.9

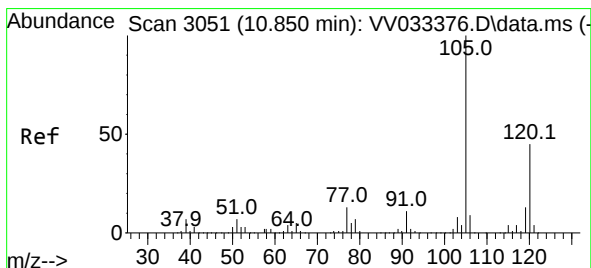
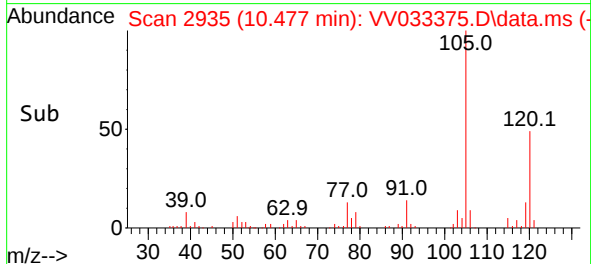
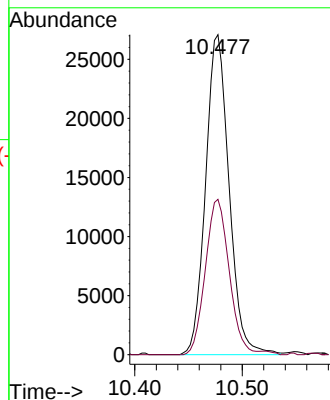
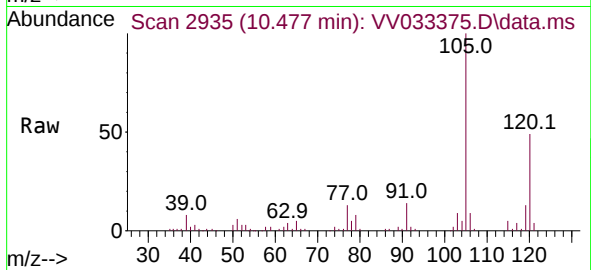




#62
1,3,5-Trimethylbenzene
Concen: 7.684 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

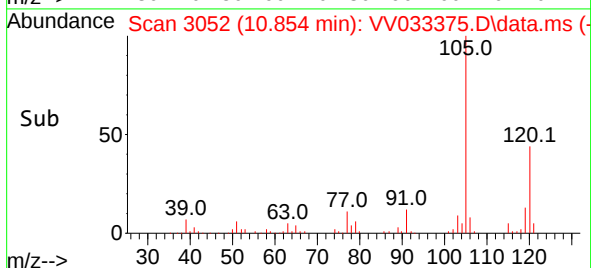
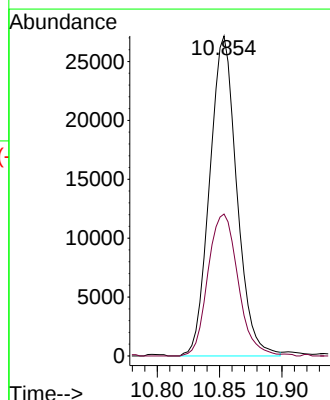
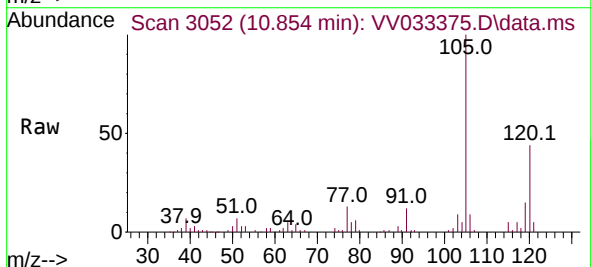
Instrument :
MSVOA_V
ClientSampleId :

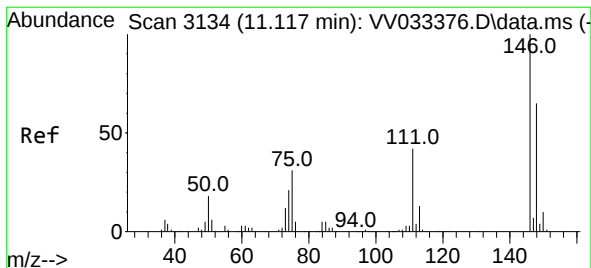
Tgt Ion:105 Resp: 41146
Ion Ratio Lower Upper
105 100
120 49.2 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 7.364 ug/L
RT: 10.854 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

Tgt Ion:105 Resp: 41186
Ion Ratio Lower Upper
105 100
120 49.1 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 9.601 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

Instrument :

MSVOA_V

ClientSampleId :

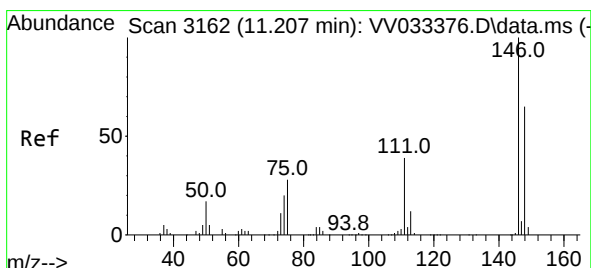
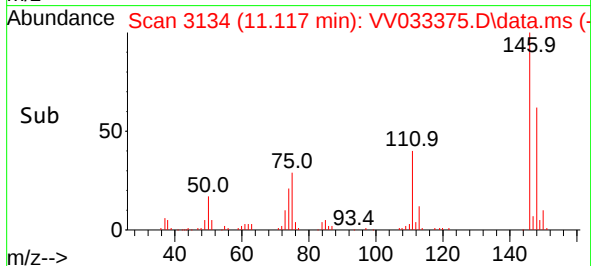
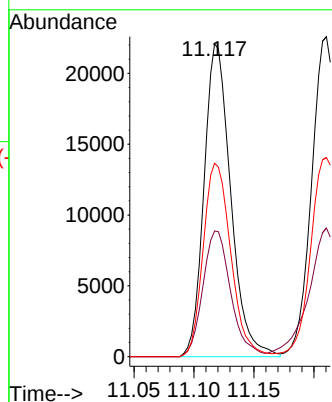
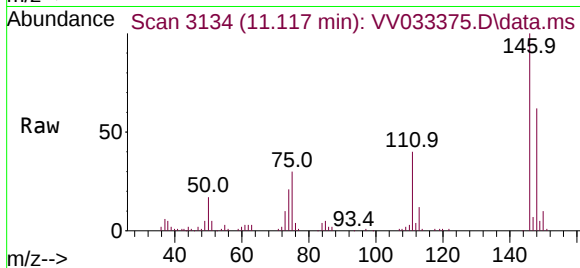
Tgt Ion:146 Resp: 34221

Ion Ratio Lower Upper

146 100

111 40.2 29.3 54.5

148 61.8 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 10.135 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV033375.D

Acq: 15 Dec 2023 13:51

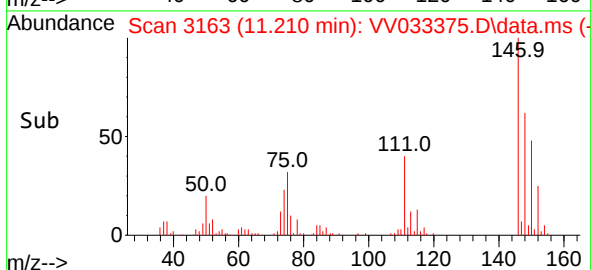
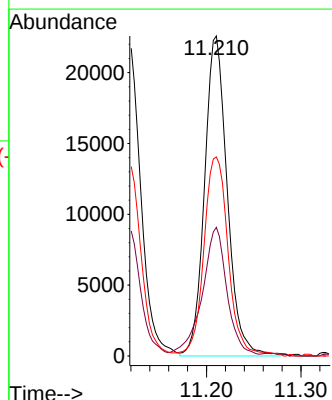
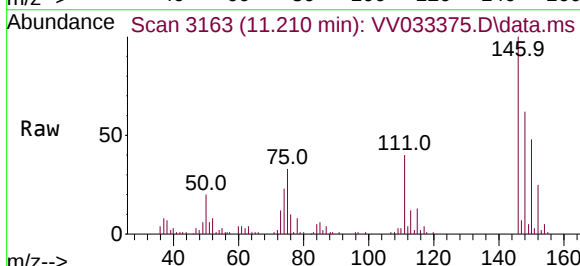
Tgt Ion:146 Resp: 37696

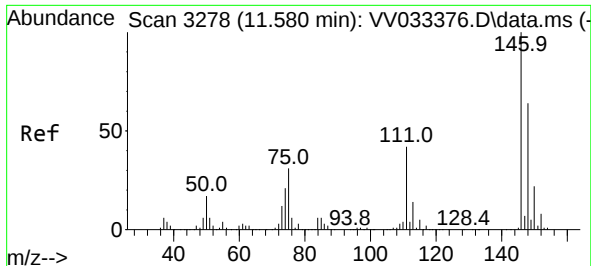
Ion Ratio Lower Upper

146 100

111 40.2 27.9 51.7

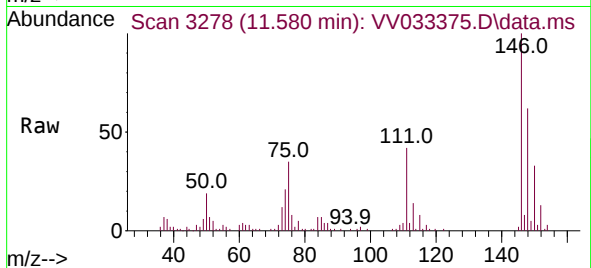
148 62.2 45.5 84.5



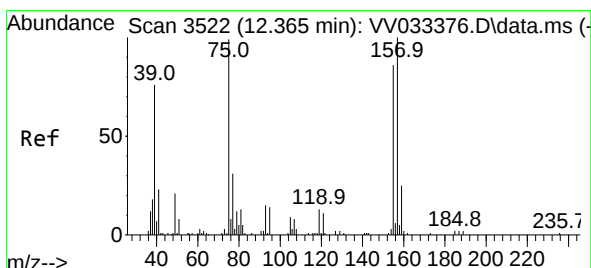
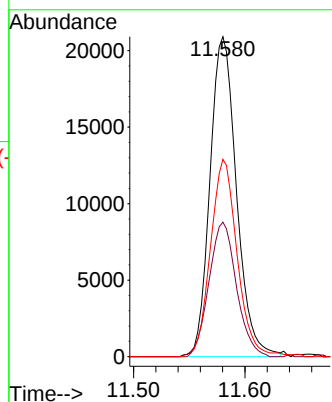
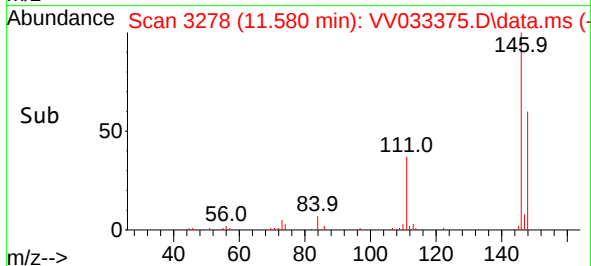


#67
1,2-Dichlorobenzene
Concen: 9.802 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

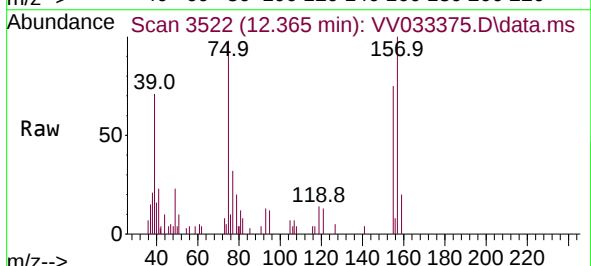
Instrument :
MSVOA_V
ClientSampleId :



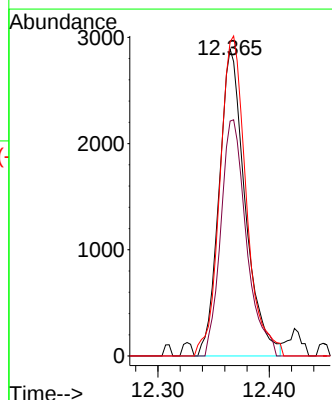
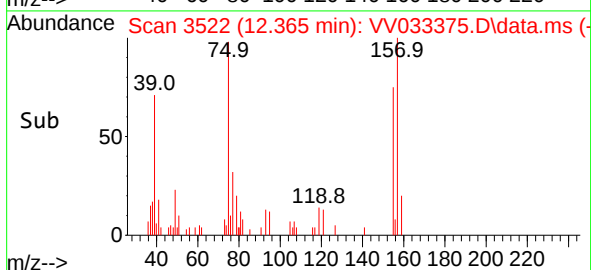
Tgt Ion:146 Resp: 34588
Ion Ratio Lower Upper
146 100
111 42.1 33.5 50.3
148 61.6 51.1 76.7

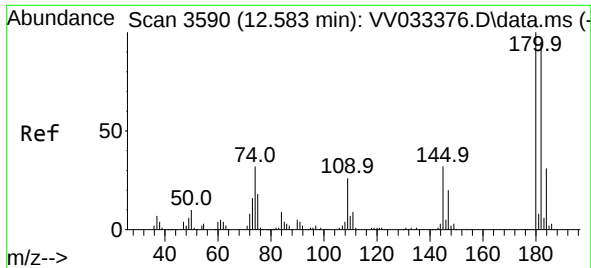


#68
1,2-Dibromo-3-chloropropane
Concen: 10.361 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.000 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51



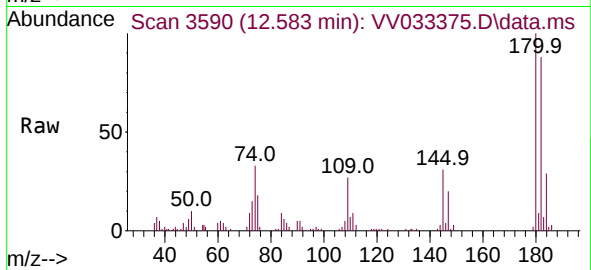
Tgt Ion: 75 Resp: 4768
Ion Ratio Lower Upper
75 100
155 76.5 69.4 104.0
157 102.4 81.1 121.7



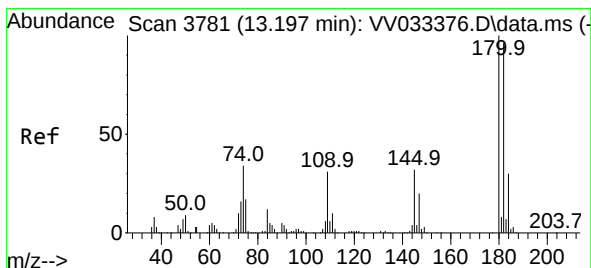
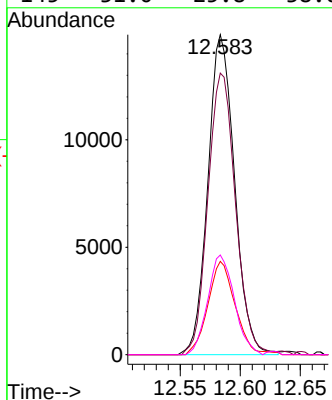


#69
 1,3,5-Trichlorobenzene
 Concen: 8.311 ug/L
 RT: 12.583 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV033375.D
 Acq: 15 Dec 2023 13:51

Instrument :
 MSVOA_V
 ClientSampleId :

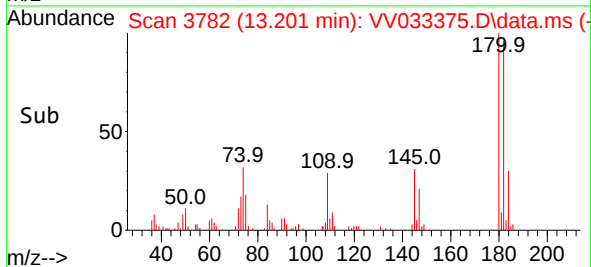
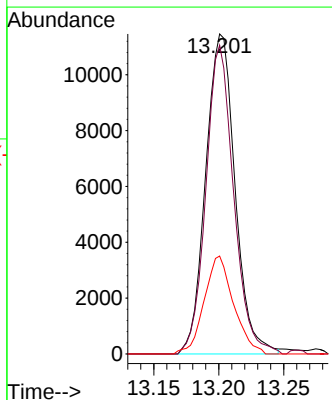
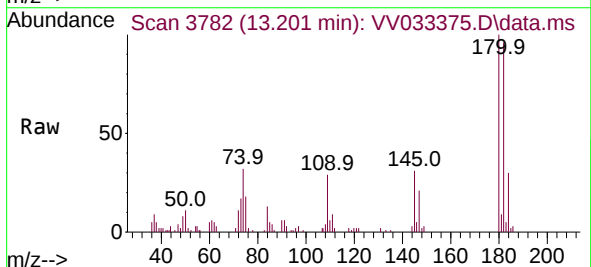


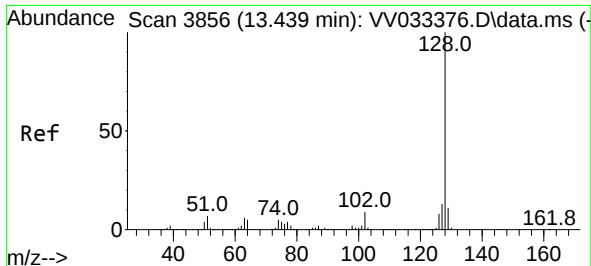
Tgt Ion:180	Resp:	23057
Ion Ratio	Lower	Upper
180	100	
182	90.6	76.2 114.4
184	29.9	24.4 36.6
145	31.0	25.8 38.6



#70
 1,2,4-trichlorobenzene
 Concen: 7.151 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.003 min
 Lab File: VV033375.D
 Acq: 15 Dec 2023 13:51

Tgt Ion:180	Resp:	18048
Ion Ratio	Lower	Upper
180	100	
182	91.0	76.1 114.1
145	30.6	25.6 38.4

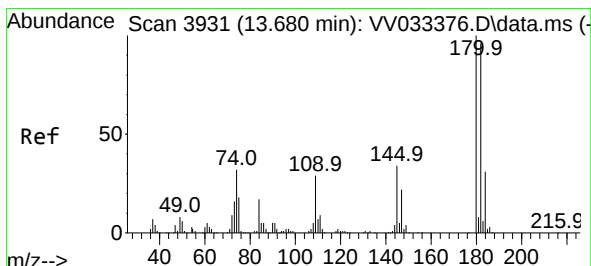
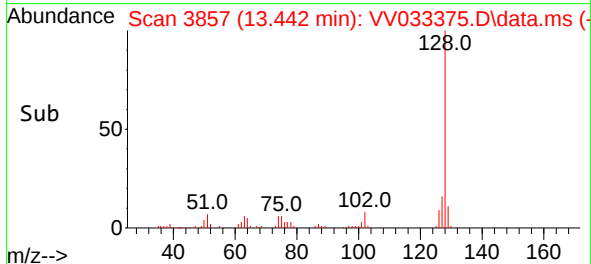
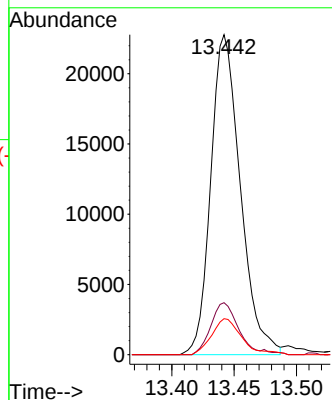
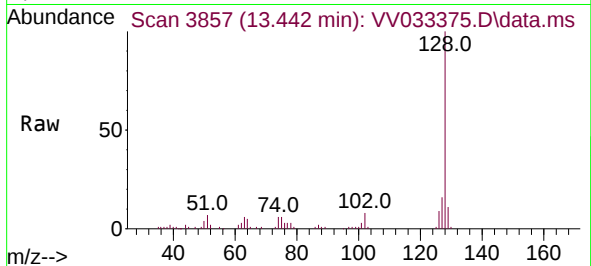




#71
Naphthalene
Concen: 6.023 ug/L
RT: 13.442 min Scan# 3856
Delta R.T. 0.003 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 37631
Ion Ratio Lower Upper
128 100
127 14.8 10.4 15.6
129 11.4 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 7.185 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV033375.D
Acq: 15 Dec 2023 13:51

Tgt Ion:180 Resp: 17673
Ion Ratio Lower Upper
180 100
182 98.1 76.2 114.2
145 35.5 27.1 40.7

