

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022977.D
 Acq On : 22 Oct 2021 00:24
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 22 05:00:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 22 04:55:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	137136	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	124434	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71611	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	39146	4.149	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.561	69	29326	3.459	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.200%
11) 1,1-Dichloroethene-d2	2.101	63	71979	3.889	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	3.931	46	24400	9.863	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	19.720%#
24) Chloroform-d	4.346	84	99885	5.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.034	65	44225	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.043	84	195400	5.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
36) 1,2-Dichloropropane-d6	6.072	67	59281	5.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.313	98	176702	5.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
43) trans-1,3-Dichloroprop...	7.625	79	17658	4.852	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.101	63	87204	59.462	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.920%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	40592	5.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	63966	4.818	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	41868	4.189	ug/L	99
3) Chloromethane	1.240	50	42767	4.257	ug/L	99
5) Vinyl chloride	1.304	62	45282	4.363	ug/L	100
6) Bromomethane	1.516	94	18463	2.854	ug/L	99
8) Chloroethane	1.577	64	21696	3.379	ug/L	97
9) Trichlorofluoromethane	1.744	101	59789	3.933	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	35117	3.971	ug/L	99
12) 1,1-Dichloroethene	2.111	96	31758	3.834	ug/L	100
14) Carbon disulfide	2.285	76	92002	3.952	ug/L	99
15) Methyl Acetate	2.449	43	17247	4.369	ug/L	91
16) Methylene chloride	2.500	84	39110	3.430	ug/L	97
17) Methyl tert-butyl Ether	2.776	73	81425	4.062	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	35895	3.985	ug/L	97
19) 1,1-Dichloroethane	3.182	63	80863	4.984	ug/L	97
21) 2-Butanone	4.014	43	37030	16.394	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	44219	4.675	ug/L	93
23) Bromochloromethane	4.243	128	21299	5.068	ug/L	94
25) Chloroform	4.371	83	90109	4.791	ug/L	99
27) 1,2-Dichloroethane	5.133	62	44265	4.715	ug/L	96

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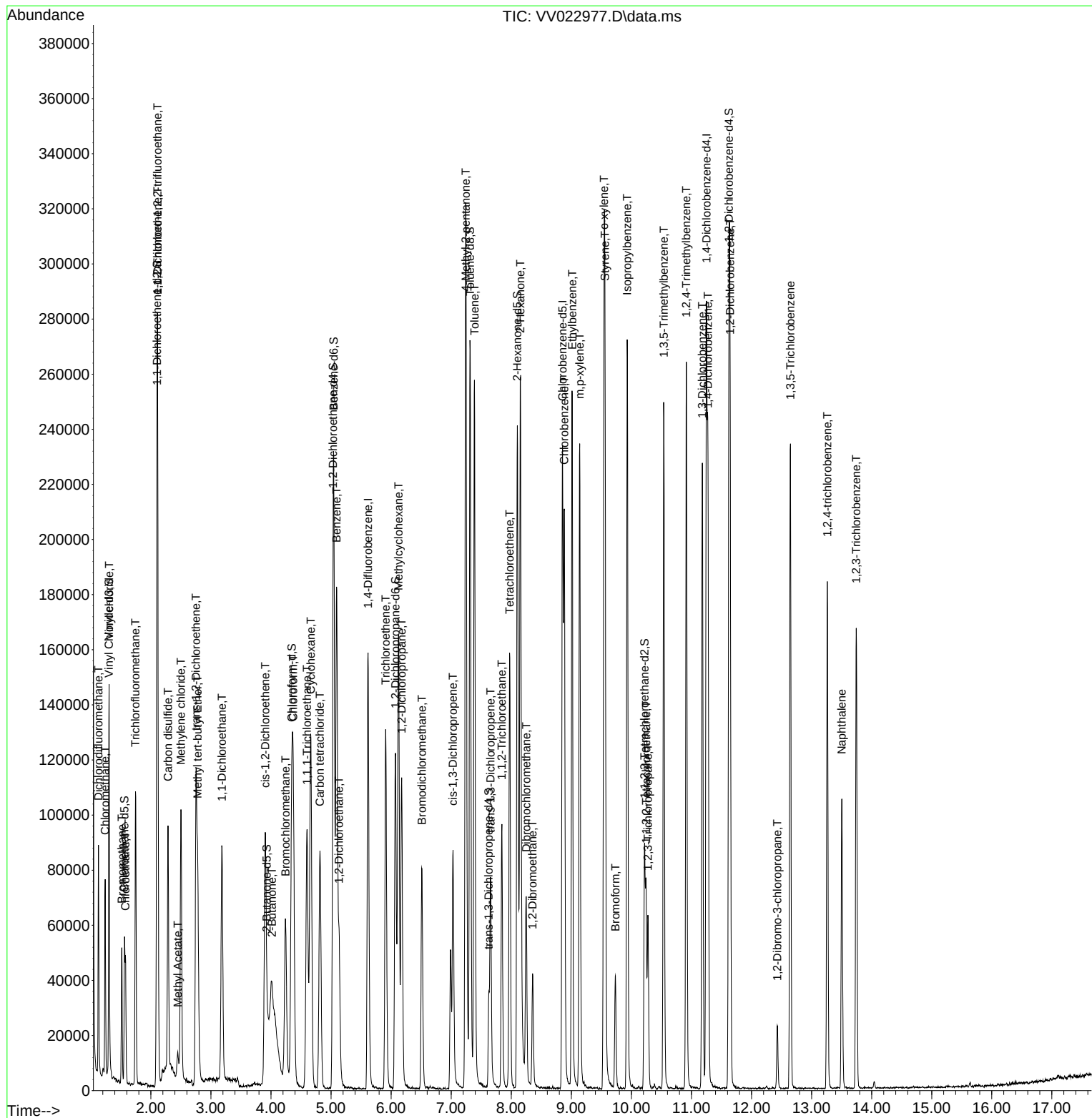
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.600	97	74846	5.267	ug/L	99
30) Cyclohexane	4.664	56	62524	4.768	ug/L	99
31) Carbon tetrachloride	4.815	117	65232	5.289	ug/L	98
33) Benzene	5.091	78	181680	5.421	ug/L	100
34) Trichloroethene	5.908	95	45261	4.966	ug/L	98
35) Methylcyclohexane	6.124	83	65274	5.112	ug/L	94
37) 1,2-Dichloropropane	6.175	63	44843	5.564	ug/L	98
38) Bromodichloromethane	6.513	83	53262	5.363	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	51139	4.793	ug/L	100
40) 4-Methyl-2-pentanone	7.243	43	222527	51.382	ug/L	97
42) Toluene	7.387	91	185693	5.458	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	43735	5.028	ug/L	96
45) 1,1,2-Trichloroethane	7.844	97	29120	4.869	ug/L	96
47) Tetrachloroethene	7.976	164	37308	5.062	ug/L	99
48) 2-Hexanone	8.149	43	172750	54.554	ug/L	96
49) Dibromochloromethane	8.249	129	35202	5.028	ug/L	89
50) 1,2-Dibromoethane	8.355	107	26650	4.772	ug/L	99
51) Chlorobenzene	8.882	112	112978	5.054	ug/L	99
52) Ethylbenzene	9.014	91	171058	4.952	ug/L	100
53) m,p-xylene	9.140	106	67049	4.946	ug/L	100
54) o-xylene	9.545	106	62319	4.887	ug/L	98
55) Styrene	9.561	104	112459	5.118	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	34930	5.772	ug/L	95
59) Bromoform	9.734	173	18611	4.640	ug/L	98
60) Isopropylbenzene	9.931	105	168924	4.644	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	24524	4.929	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	129899	4.420	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	138603	4.713	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	94429	4.946	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	94638	4.882	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	89527	4.999	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5250	5.797	ug/L	86
69) 1,3,5-Trichlorobenzene	12.647	180	72648	5.052	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	54397	4.951	ug/L	99
71) Naphthalene	13.503	128	83747	4.796	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	52361	5.055	ug/L	99

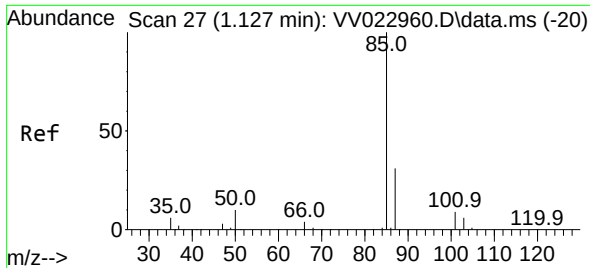
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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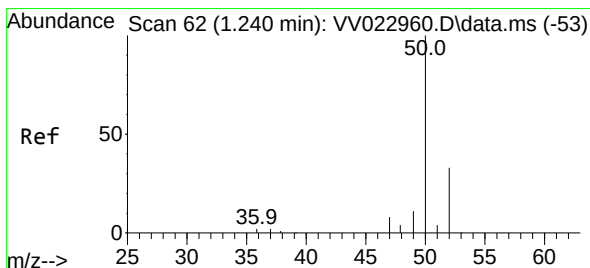
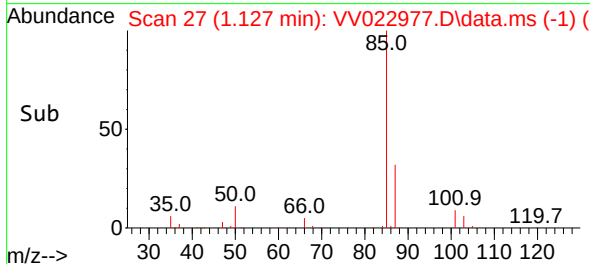
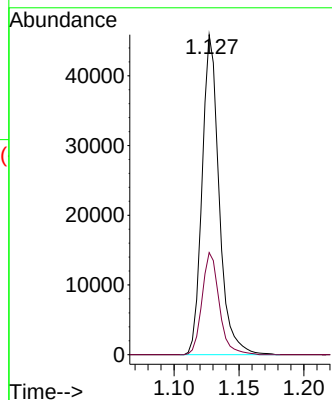
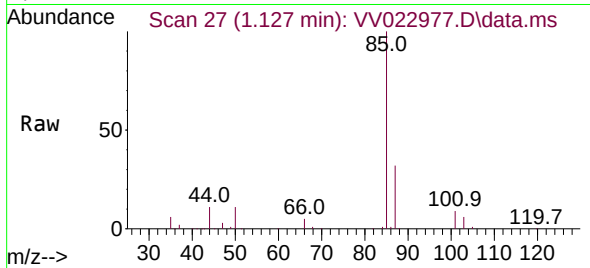




#2
 Dichlorodifluoromethane
 Concen: 4.189 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV022977.D
 Acq: 22 Oct 2021 00:24

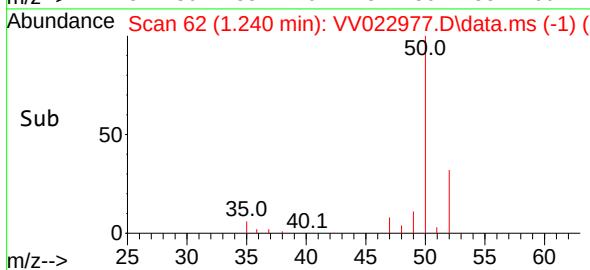
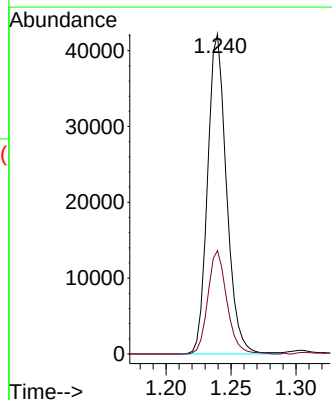
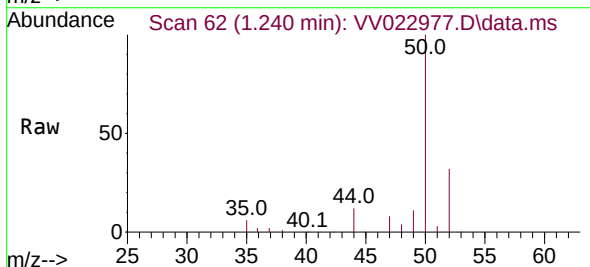
Instrument :
 MSVOA_V
 ClientSampleId :

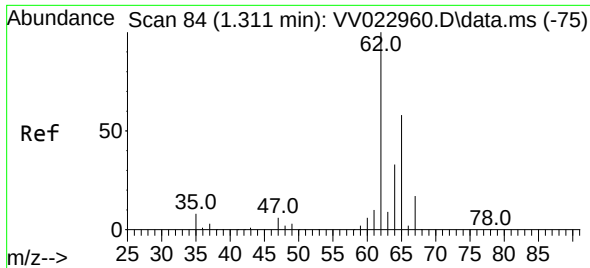
Tgt Ion: 85 Resp: 41868
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.3 39.5



#3
 Chloromethane
 Concen: 4.257 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV022977.D
 Acq: 22 Oct 2021 00:24

Tgt Ion: 50 Resp: 42767
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.9 42.5

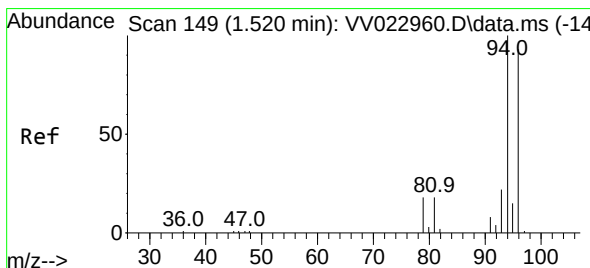
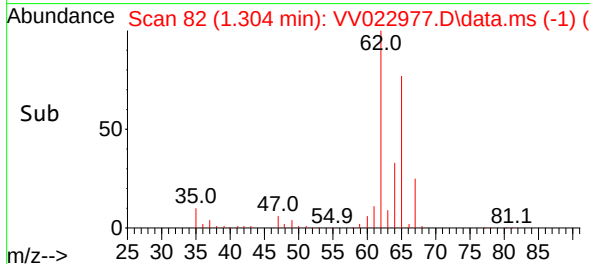
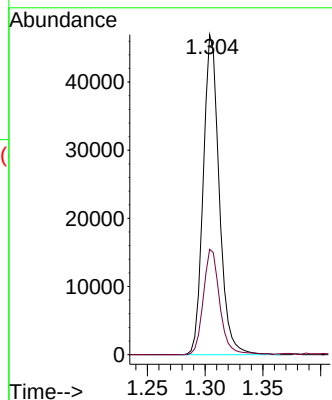
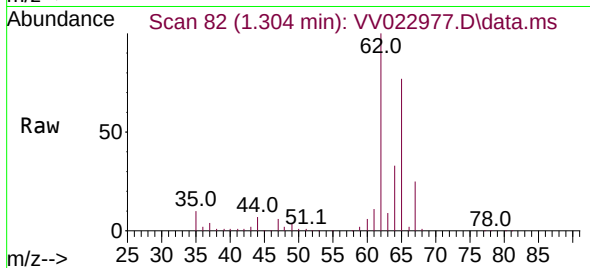




#5
 Vinyl chloride
 Concen: 4.363 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VV022977.D
 Acq: 22 Oct 2021 00:24

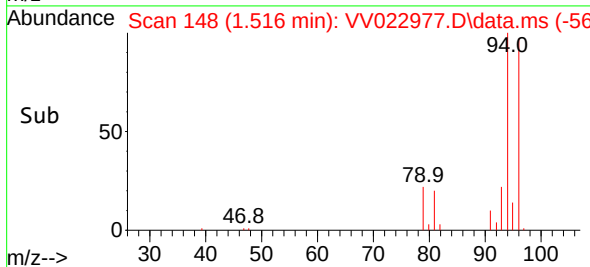
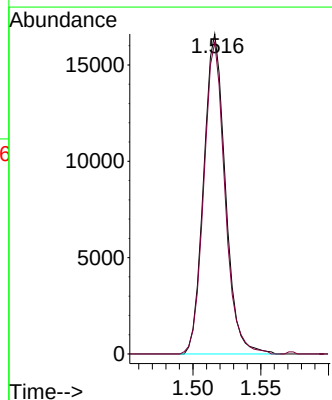
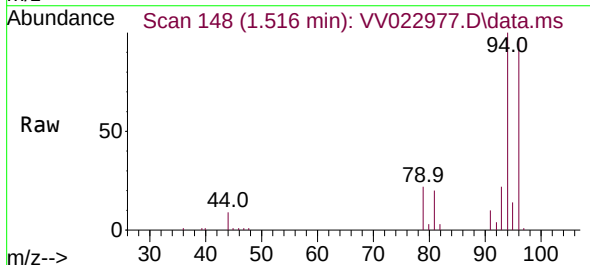
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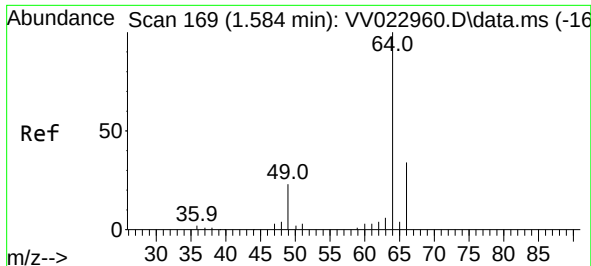
Tgt Ion: 62 Resp: 45282
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.0 42.8



#6
 Bromomethane
 Concen: 2.854 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV022977.D
 Acq: 22 Oct 2021 00:24

Tgt Ion: 94 Resp: 18463
 Ion Ratio Lower Upper
 94 100
 96 97.4 67.2 124.8

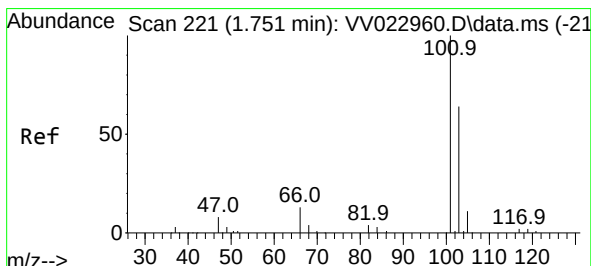
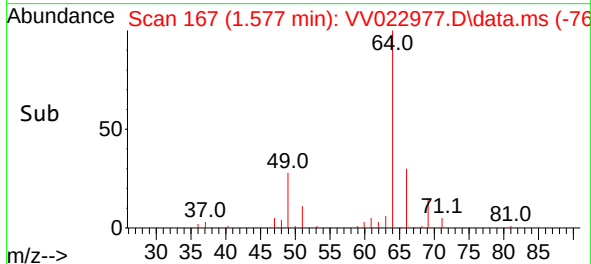
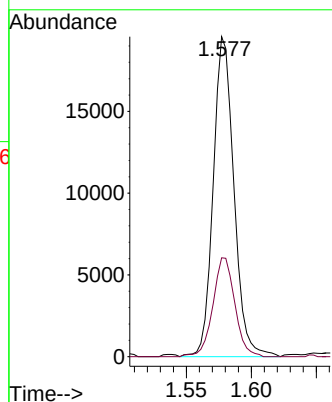
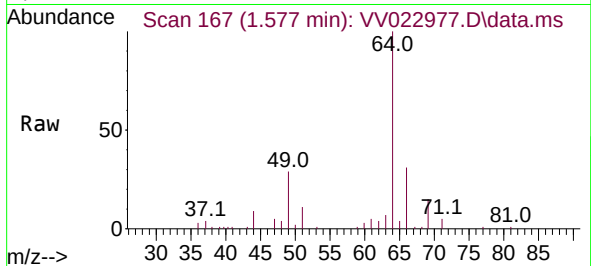




#8
Chloroethane
Concen: 3.379 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.007 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

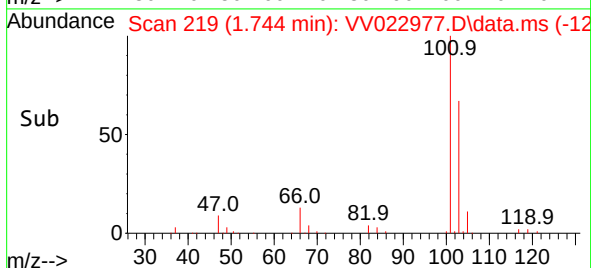
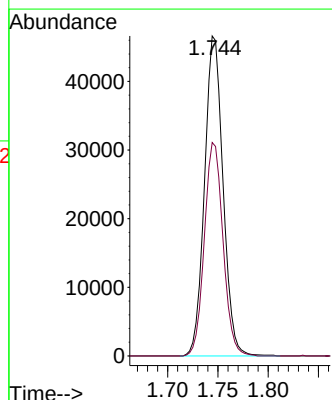
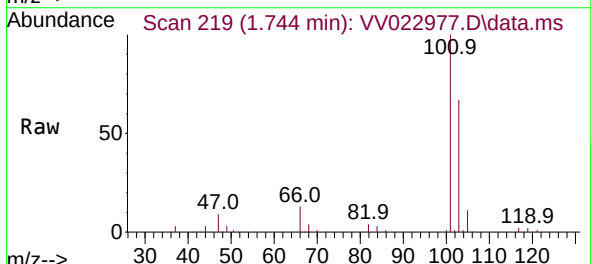
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MSVOA_V
ClientSampleId :

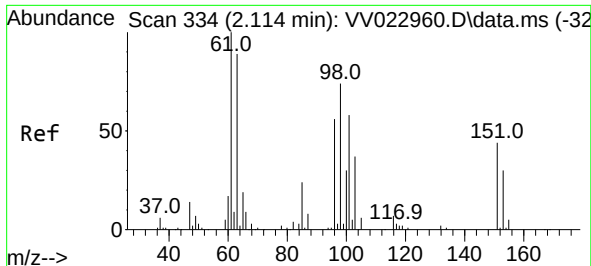
Tgt Ion: 64 Resp: 21696
Ion Ratio Lower Upper
64 100
66 30.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 3.933 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.007 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

Tgt Ion:101 Resp: 59789
Ion Ratio Lower Upper
101 100
103 67.1 50.3 75.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.971 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV022977.D

Acq: 22 Oct 2021 00:24

Instrument :

MSVOA_V

ClientSampleId :

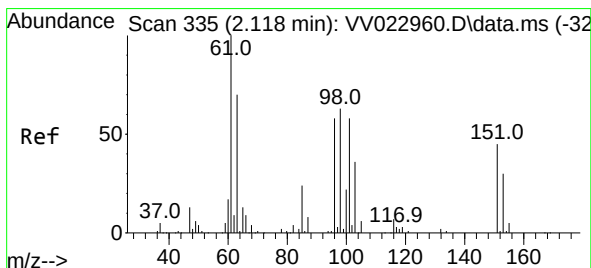
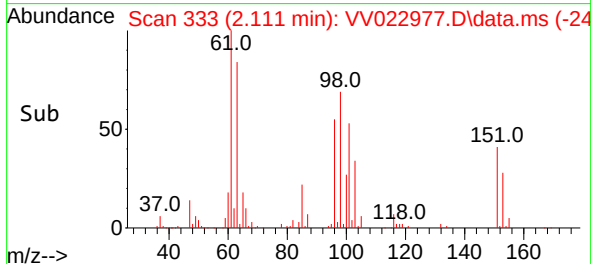
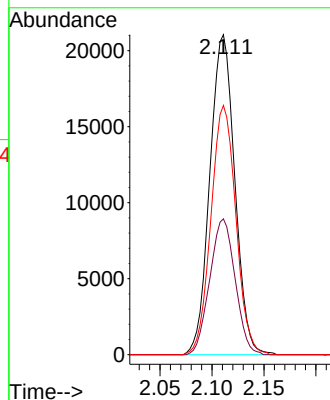
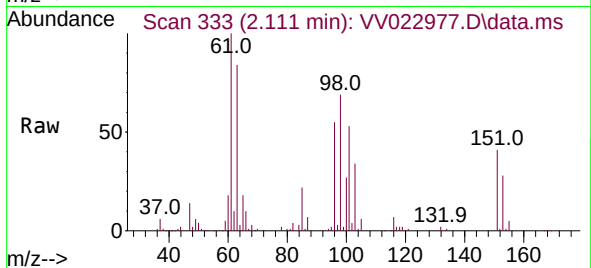
Tgt Ion:101 Resp: 35117

Ion Ratio Lower Upper

101 100

85 43.2 34.6 52.0

151 77.9 60.9 91.3



#12

1,1-Dichloroethene

Concen: 3.834 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.007 min

Lab File: VV022977.D

Acq: 22 Oct 2021 00:24

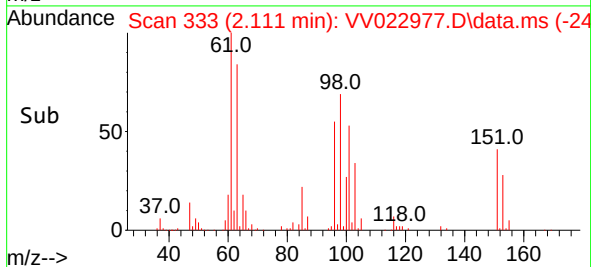
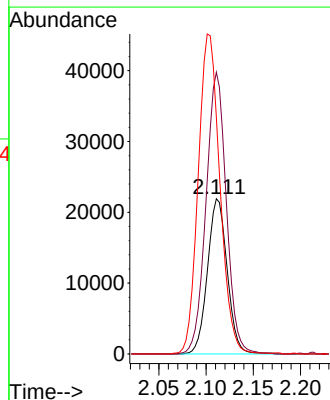
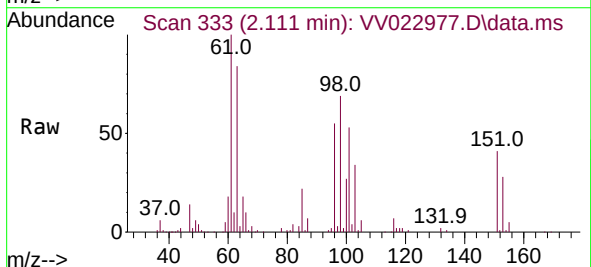
Tgt Ion: 96 Resp: 31758

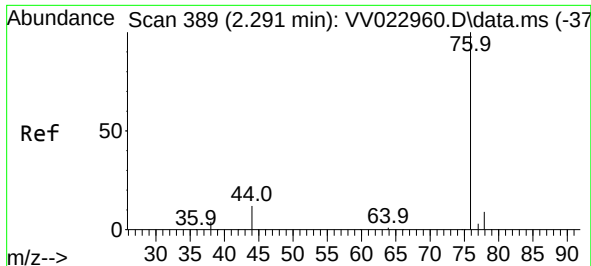
Ion Ratio Lower Upper

96 100

61 181.6 127.3 236.5

63 152.5 106.2 197.2

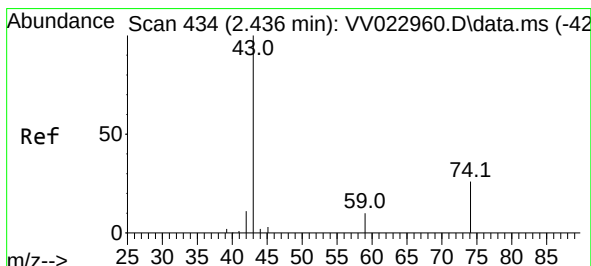
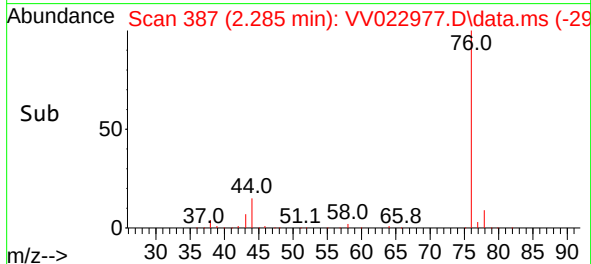
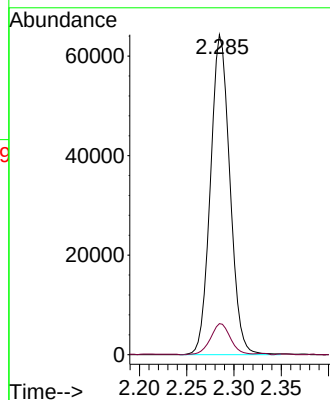
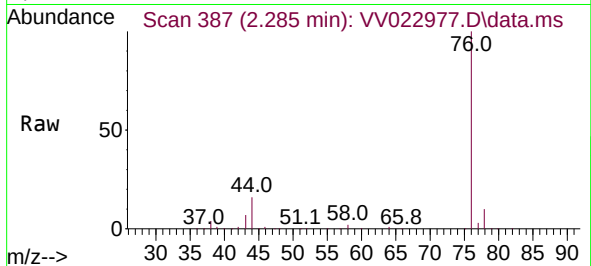




#14
Carbon disulfide
Concen: 3.952 ug/L
RT: 2.285 min Scan# 31
Delta R.T. -0.007 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

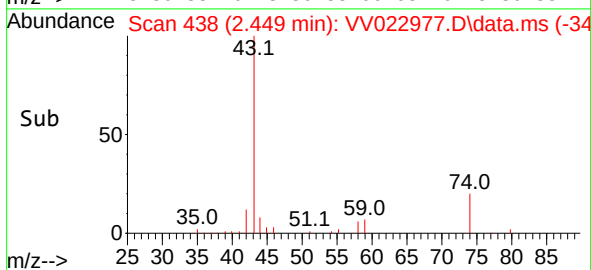
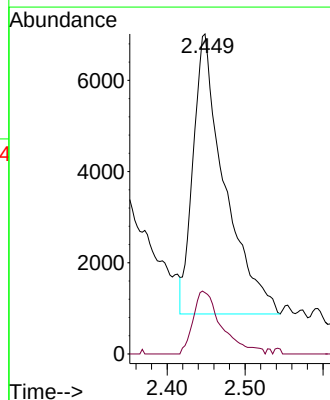
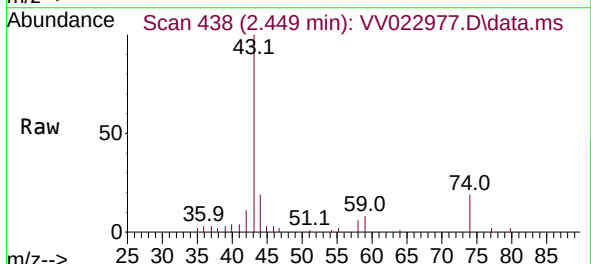
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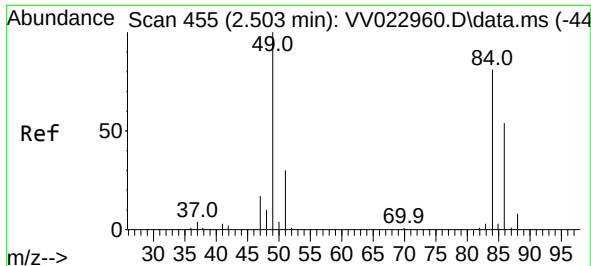
Tgt Ion: 76 Resp: 92002
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#15
Methyl Acetate
Concen: 4.369 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.013 min
Lab File: VV022977.D
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Tgt Ion: 43 Resp: 17247
Ion Ratio Lower Upper
43 100
74 20.4 19.9 29.9

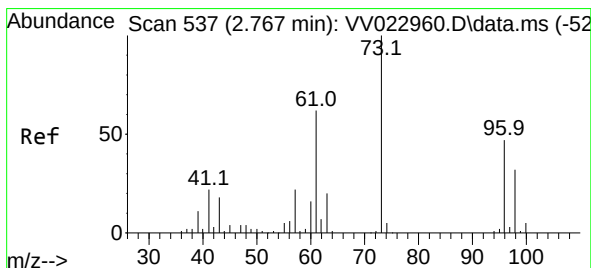
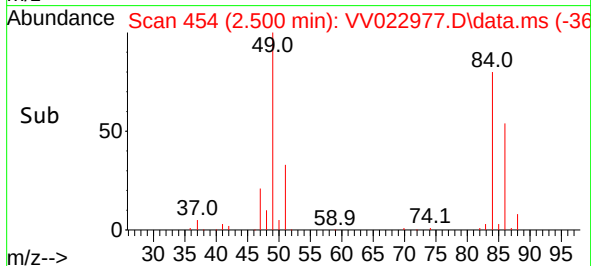
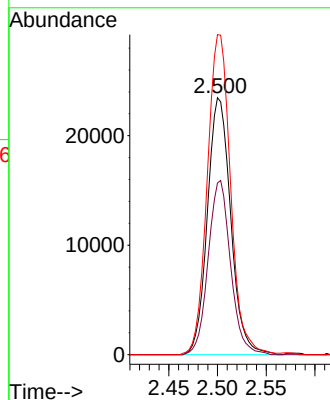
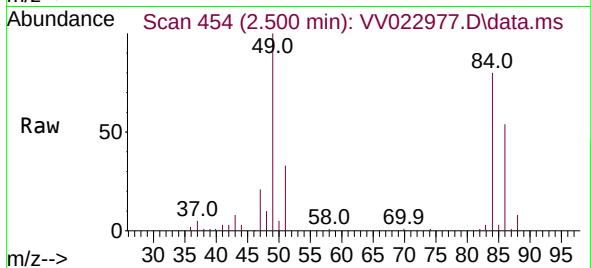




#16
Methylene chloride
Concen: 3.430 ug/L
RT: 2.500 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

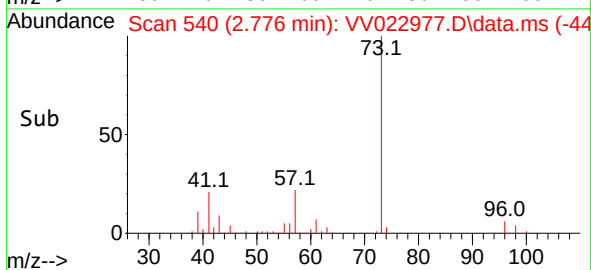
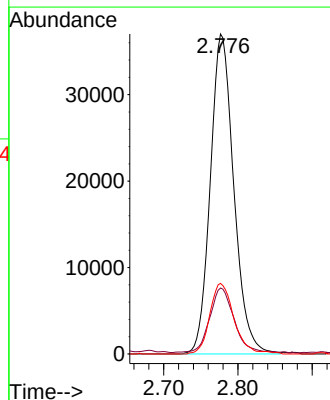
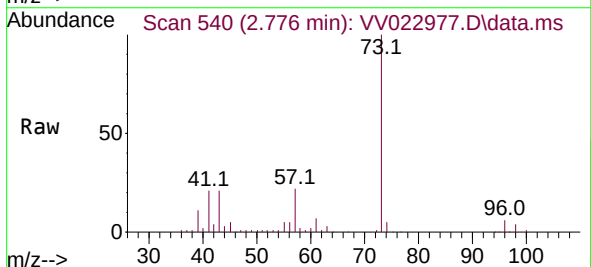
Instrument :
MSVOA_V
ClientSampleId :

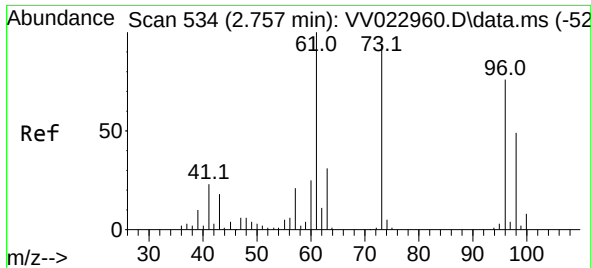
Tgt Ion: 84 Resp: 39110
Ion Ratio Lower Upper
84 100
86 66.8 45.8 85.2
49 124.5 90.3 167.7



#17
Methyl tert-butyl Ether
Concen: 4.062 ug/L
RT: 2.776 min Scan# 540
Delta R.T. 0.009 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

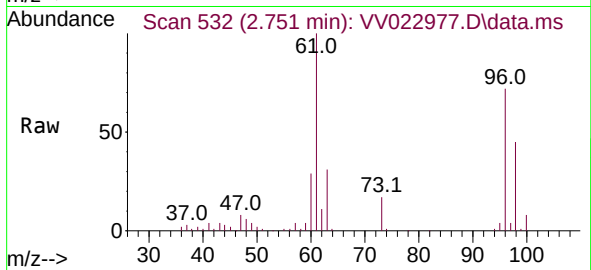
Tgt Ion: 73 Resp: 81425
Ion Ratio Lower Upper
73 100
43 20.7 17.1 25.7
57 22.7 17.2 25.8





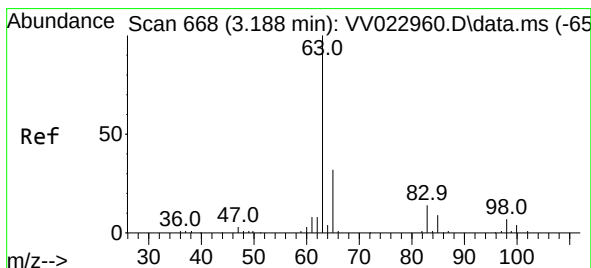
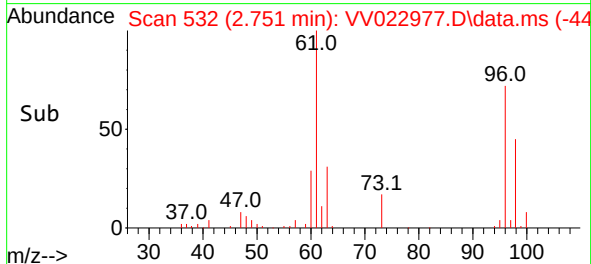
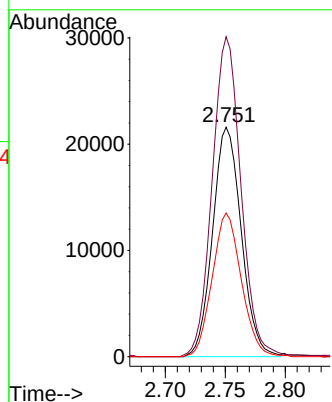
#18
 trans-1,2-Dichloroethene
 Concen: 3.985 ug/L
 RT: 2.751 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: VV022977.D
 Acq: 22 Oct 2021 00:24

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 35895

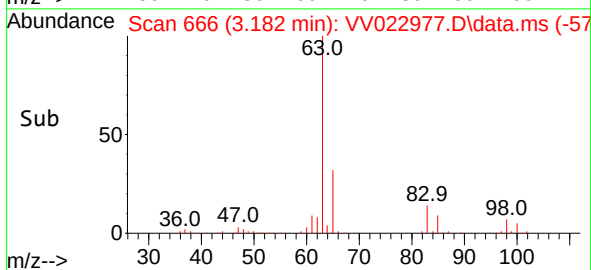
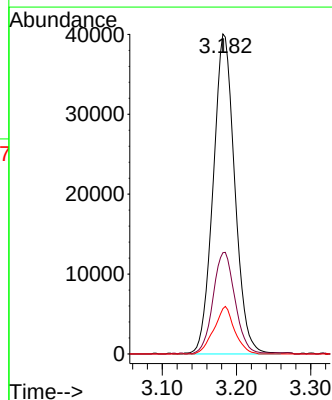
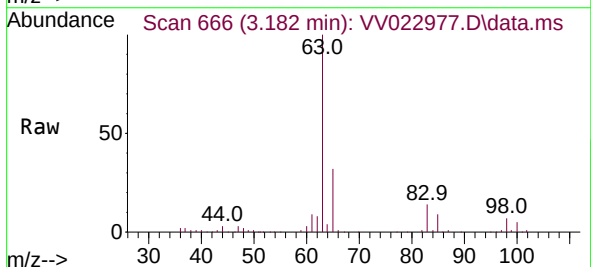
Ion	Ratio	Lower	Upper
96	100		
61	139.4	94.5	175.5
98	62.6	44.2	82.0

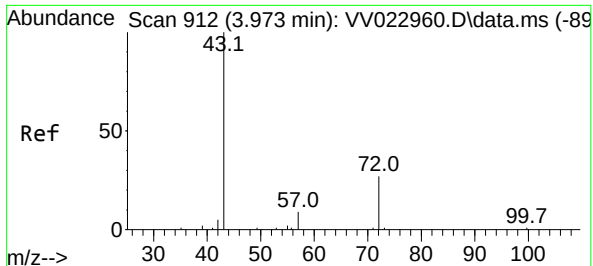


#19
 1,1-Dichloroethane
 Concen: 4.984 ug/L
 RT: 3.182 min Scan# 666
 Delta R.T. -0.007 min
 Lab File: VV022977.D
 Acq: 22 Oct 2021 00:24

Tgt Ion: 63 Resp: 80863

Ion	Ratio	Lower	Upper
63	100		
65	31.7	23.5	43.7
83	14.1	10.1	18.7





#21

2-Butanone

Concen: 16.394 ug/L

RT: 4.014 min Scan# 91

Delta R.T. 0.042 min

Lab File: VV022977.D

Acq: 22 Oct 2021 00:24

Instrument :

MSVOA_V

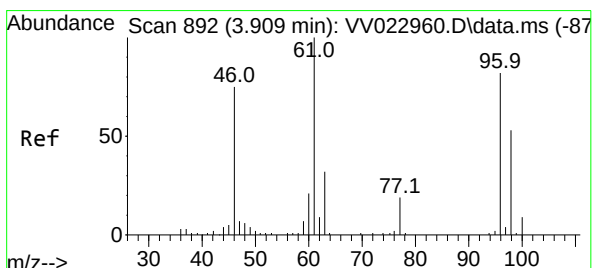
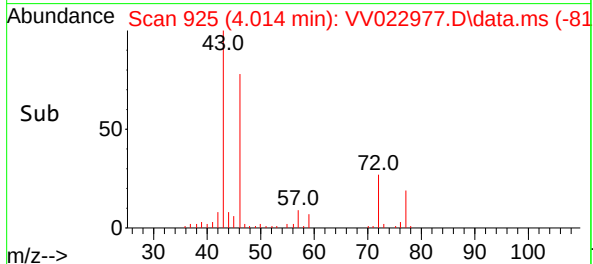
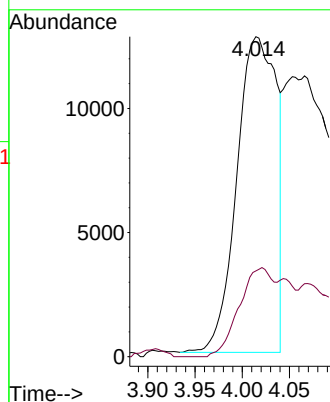
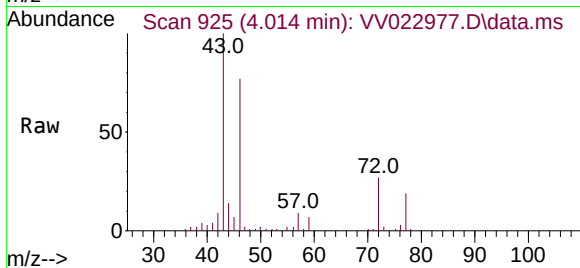
ClientSampleId :

Tgt Ion: 43 Resp: 37030

Ion Ratio Lower Upper

43 100

72 25.0 12.3 36.8



#22

cis-1,2-Dichloroethene

Concen: 4.675 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV022977.D

Acq: 22 Oct 2021 00:24

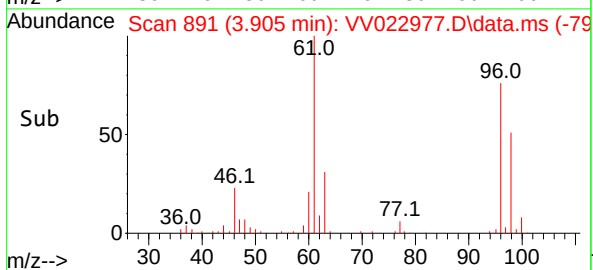
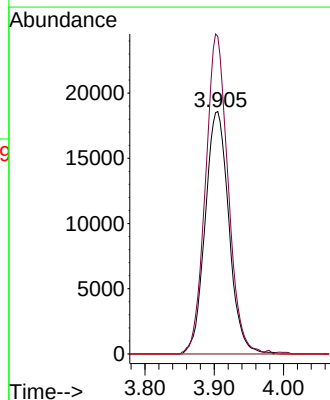
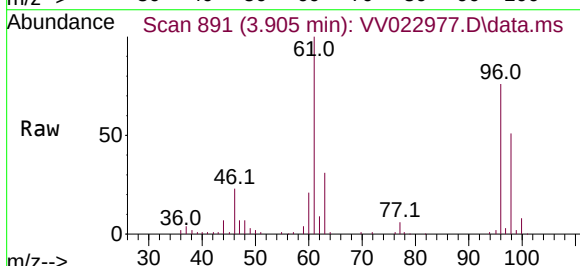
Tgt Ion: 96 Resp: 44219

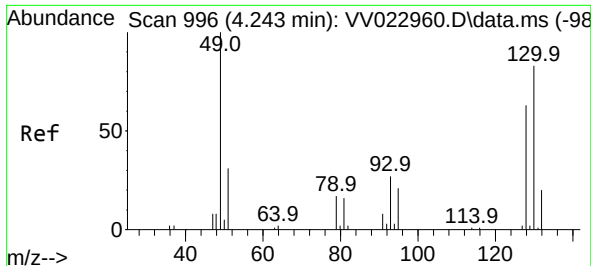
Ion Ratio Lower Upper

96 100

61 131.0 86.0 159.6

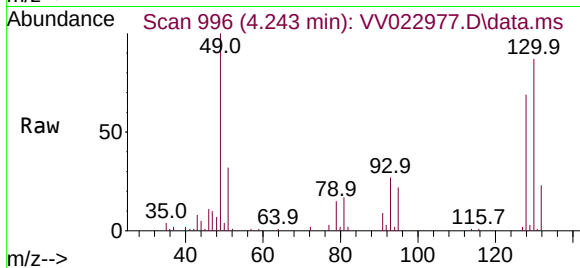
68 0.0 0.0 0.0



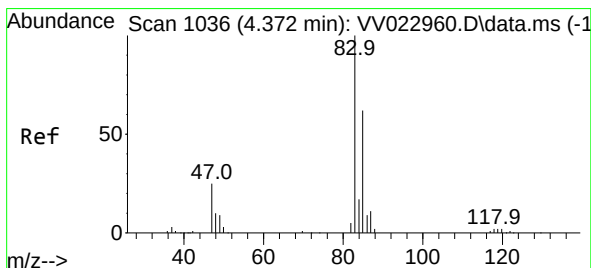
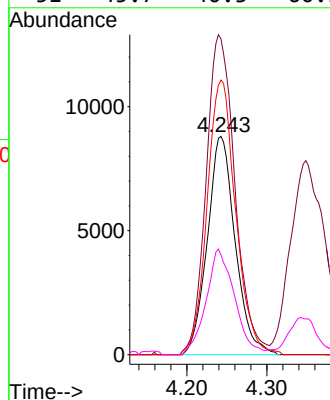
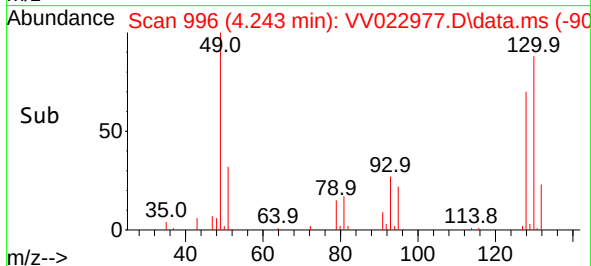


#23
Bromochloromethane
Concen: 5.068 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.000 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

Instrument :
MSVOA_V
ClientSampleId :

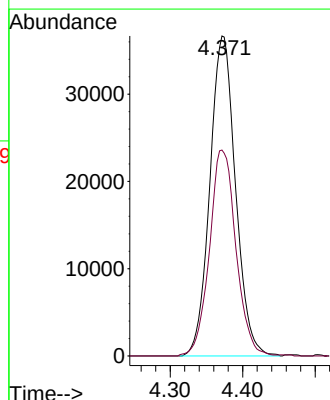
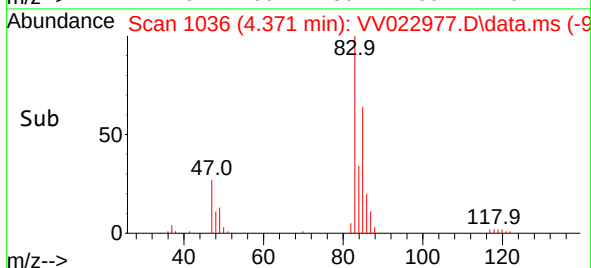
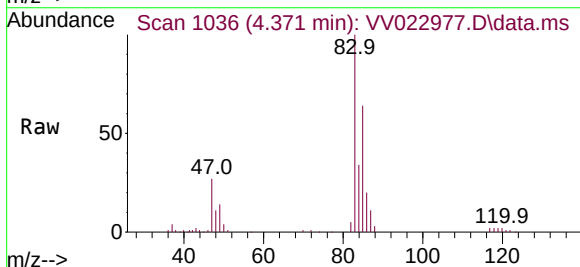


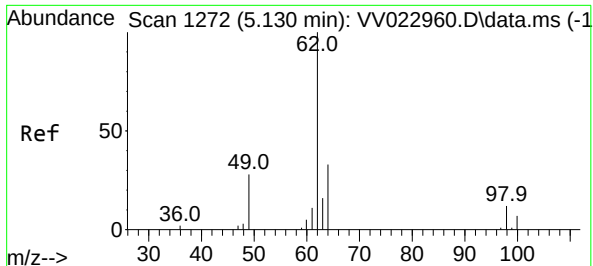
Tgt Ion:128 Resp: 21299
Ion Ratio Lower Upper
128 100
49 144.7 106.9 198.5
130 125.8 91.9 170.7
51 45.7 40.3 60.5



#25
Chloroform
Concen: 4.791 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

Tgt Ion: 83 Resp: 90109
Ion Ratio Lower Upper
83 100
85 64.3 45.7 84.9





#27

1,2-Dichloroethane

Concen: 4.715 ug/L

RT: 5.133 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV022977.D

Acq: 22 Oct 2021 00:24

Instrument :

MSVOA_V

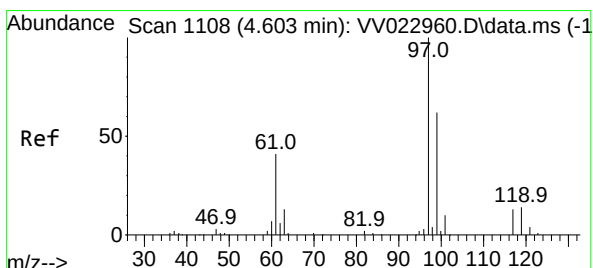
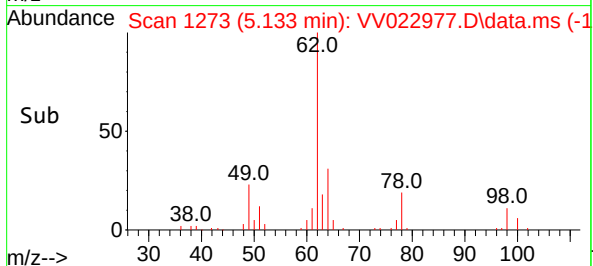
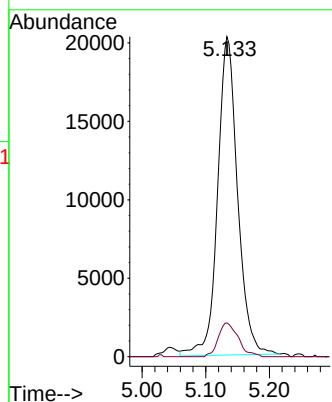
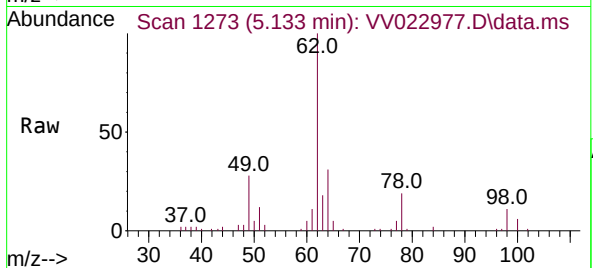
ClientSampleId :

Tgt Ion: 62 Resp: 44265

Ion Ratio Lower Upper

62 100

98 10.5 9.7 14.5



#29

1,1,1-Trichloroethane

Concen: 5.267 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV022977.D

Acq: 22 Oct 2021 00:24

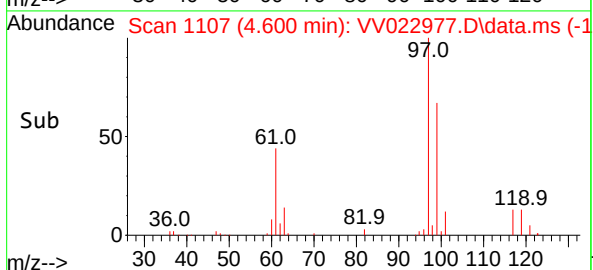
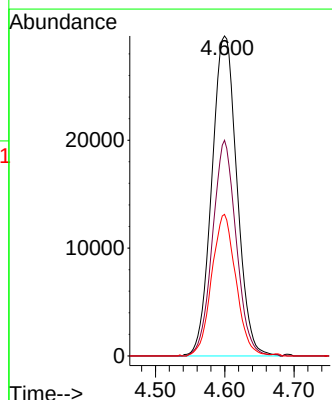
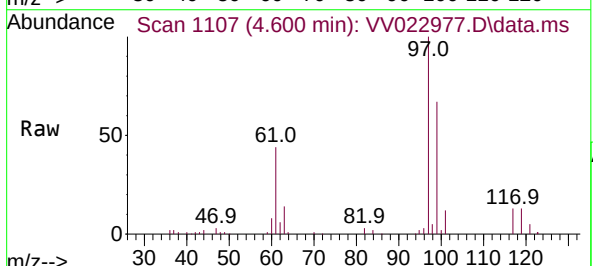
Tgt Ion: 97 Resp: 74846

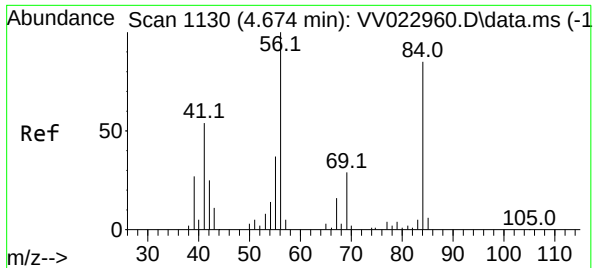
Ion Ratio Lower Upper

97 100

99 63.5 51.2 76.8

61 42.6 33.2 49.8

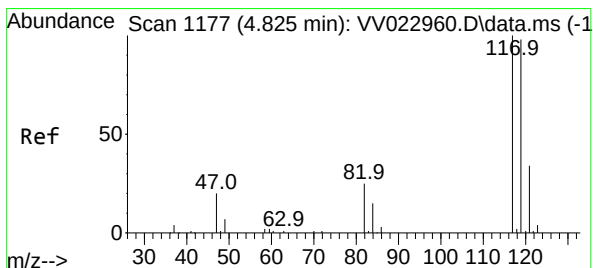
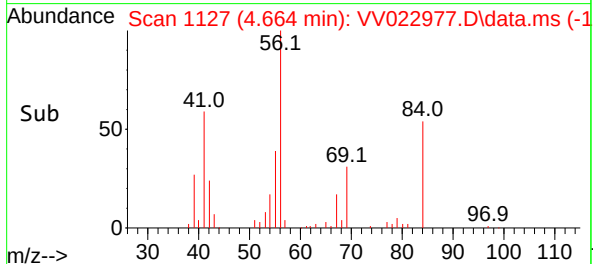
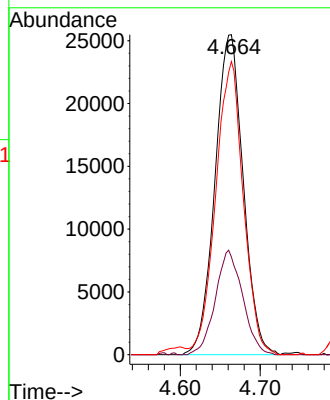
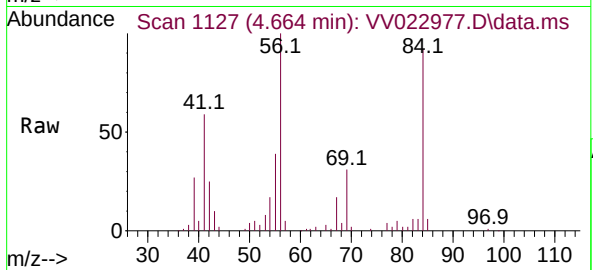




#30
Cyclohexane
Concen: 4.768 ug/L
RT: 4.664 min Scan# 1127
Delta R.T. -0.010 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

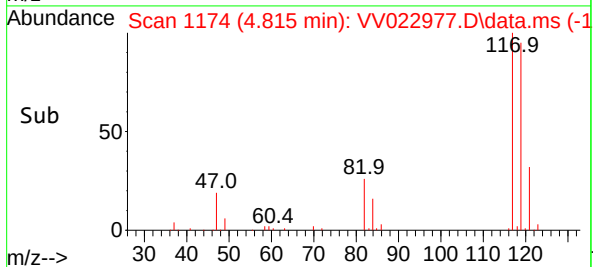
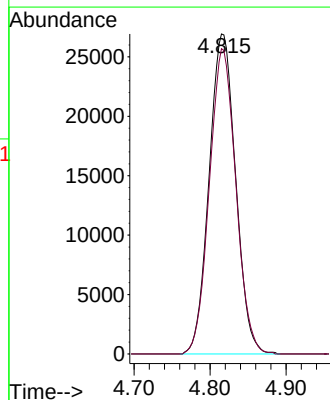
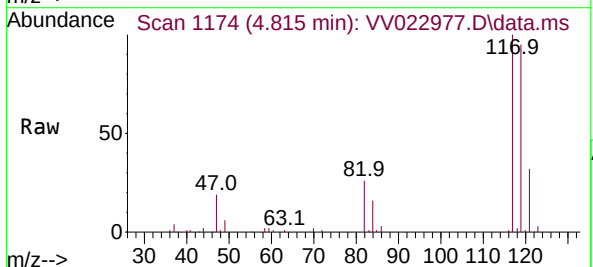
Instrument :
MSVOA_V
ClientSampleId :

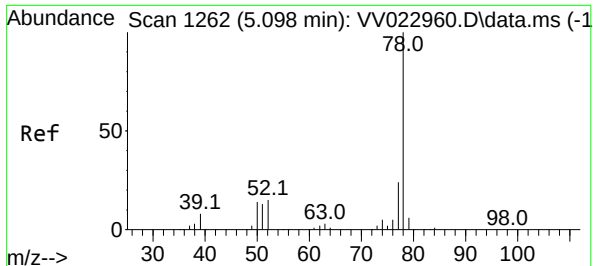
Tgt Ion: 56 Resp: 62524
Ion Ratio Lower Upper
56 100
69 31.6 24.9 37.3
84 89.7 72.5 108.7



#31
Carbon tetrachloride
Concen: 5.289 ug/L
RT: 4.815 min Scan# 1174
Delta R.T. -0.010 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

Tgt Ion: 117 Resp: 65232
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.0

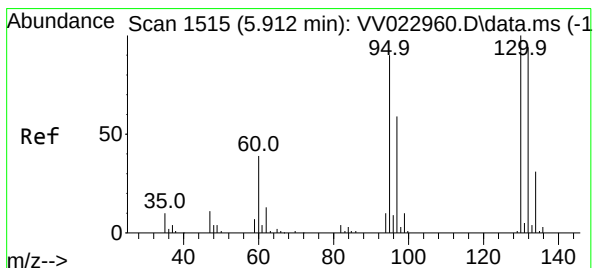
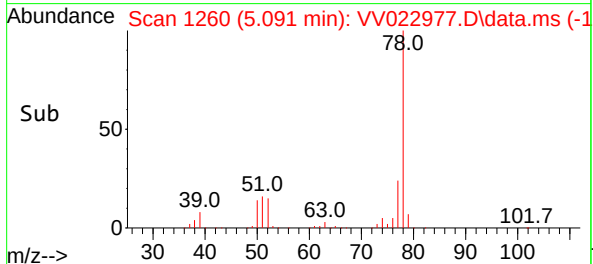
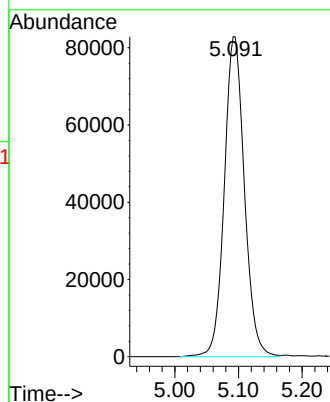
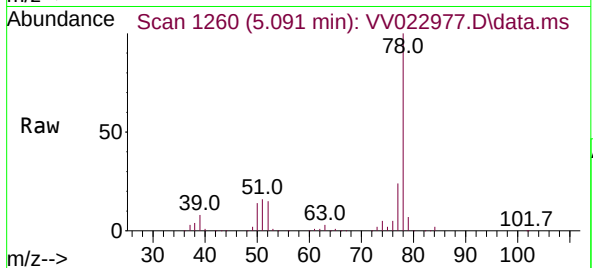




#33
Benzene
Concen: 5.421 ug/L
RT: 5.091 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

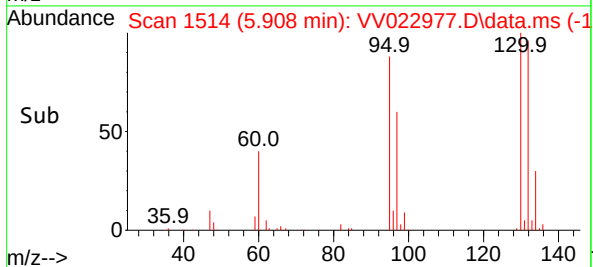
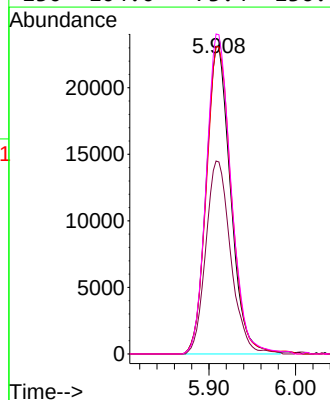
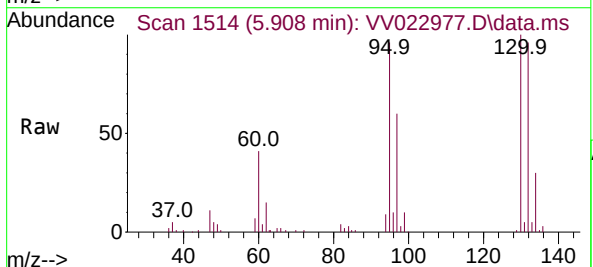
Instrument :
MSVOA_V
ClientSampleId :

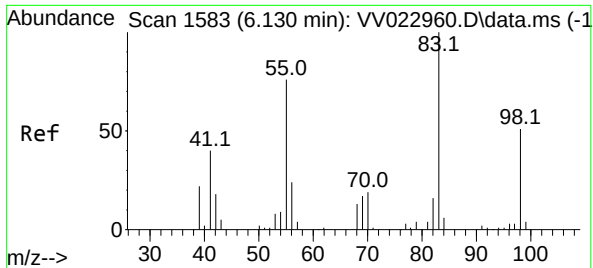
Tgt Ion: 78 Resp: 181680



#34
Trichloroethene
Concen: 4.966 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

Tgt Ion: 95 Resp: 45261
Ion Ratio Lower Upper
95 100
97 62.7 45.8 85.2
132 99.9 72.2 134.0
130 104.0 73.4 136.4





#35

Methylcyclohexane

Concen: 5.112 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.007 min

Lab File: VV022977.D

Acq: 22 Oct 2021 00:24

Instrument :

MSVOA_V

ClientSampleId :

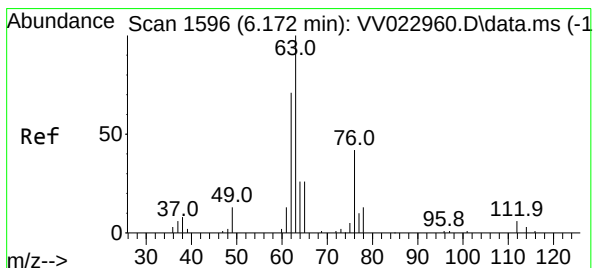
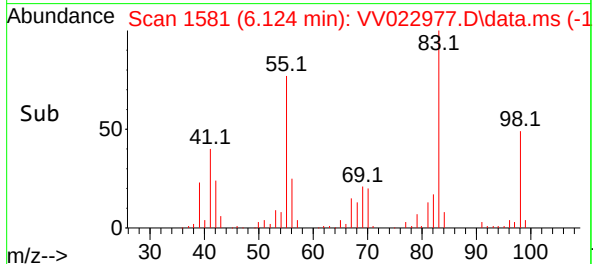
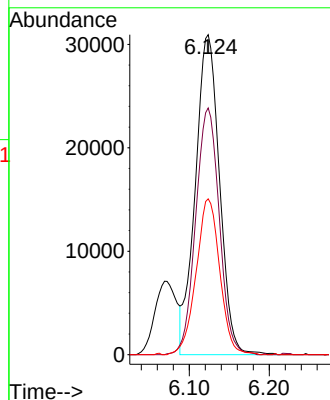
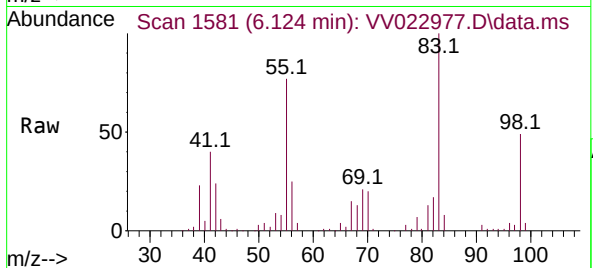
Tgt Ion: 83 Resp: 65274

Ion Ratio Lower Upper

83 100

55 75.1 63.8 95.6

98 47.6 42.1 63.1



#37

1,2-Dichloropropane

Concen: 5.564 ug/L

RT: 6.175 min Scan# 1597

Delta R.T. 0.003 min

Lab File: VV022977.D

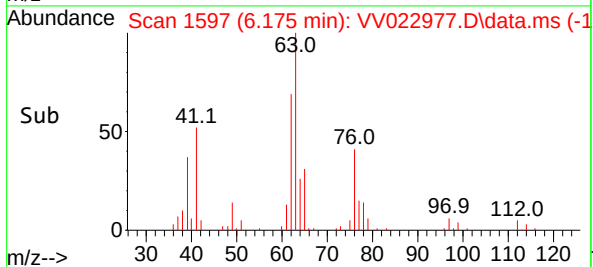
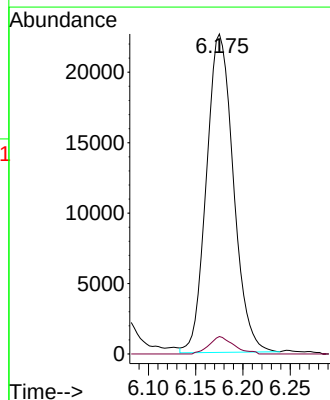
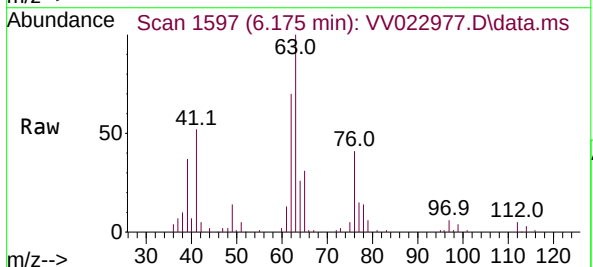
Acq: 22 Oct 2021 00:24

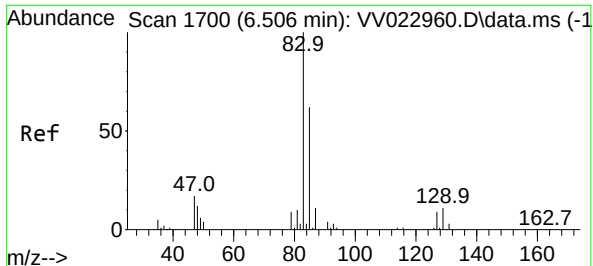
Tgt Ion: 63 Resp: 44843

Ion Ratio Lower Upper

63 100

112 5.0 4.4 6.6

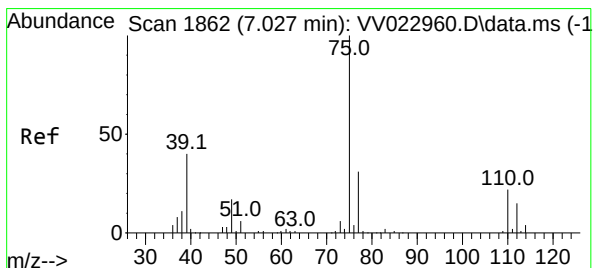
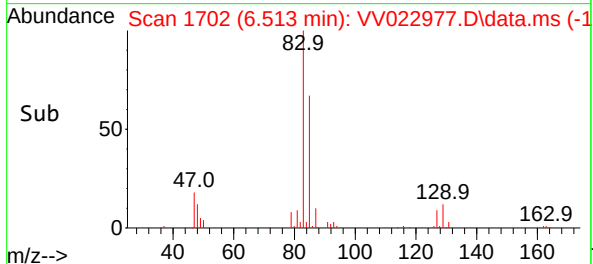
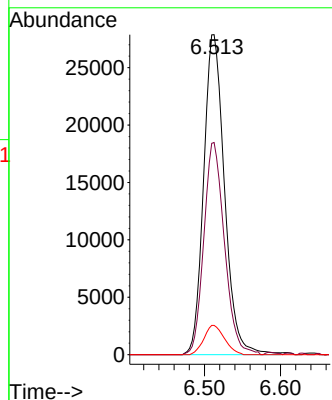
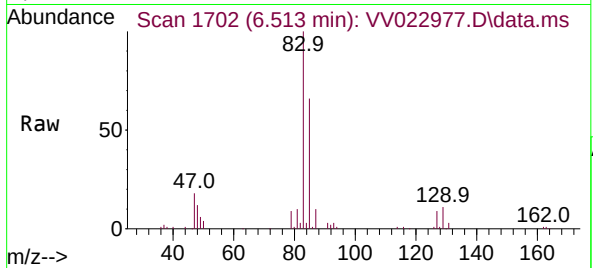




#38
Bromodichloromethane
Concen: 5.363 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

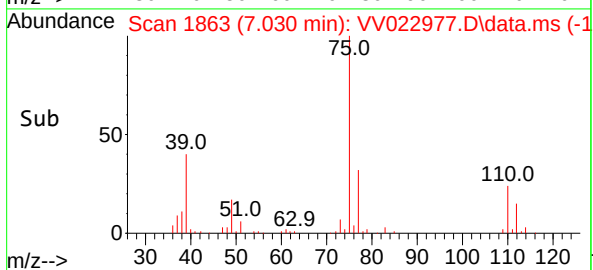
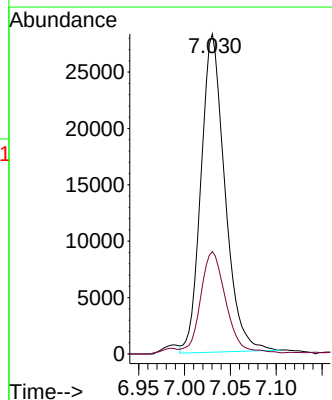
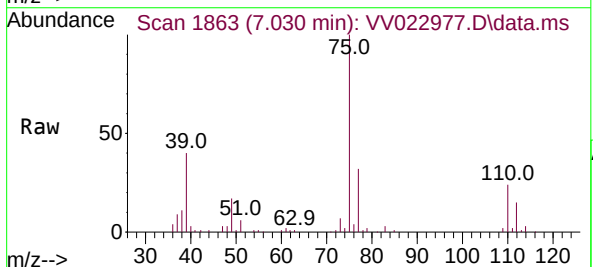
Instrument :
MSVOA_V
ClientSampleId :

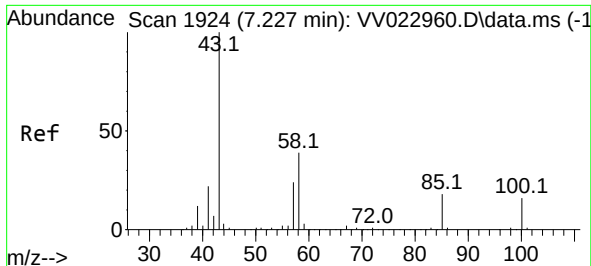
Tgt Ion: 83 Resp: 53262
Ion Ratio Lower Upper
83 100
85 66.3 44.3 82.3
127 9.2 7.7 11.5



#39
cis-1,3-Dichloropropene
Concen: 4.793 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

Tgt Ion: 75 Resp: 51139
Ion Ratio Lower Upper
75 100
77 32.0 22.3 41.3





#40

4-Methyl-2-pentanone

Concen: 51.382 ug/L

RT: 7.243 min Scan# 1924

Delta R.T. 0.016 min

Lab File: VV022977.D

Acq: 22 Oct 2021 00:24

Instrument :

MSVOA_V

ClientSampleId :

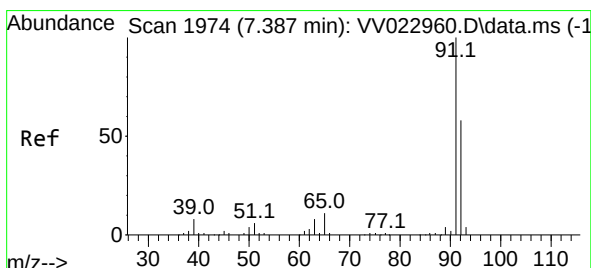
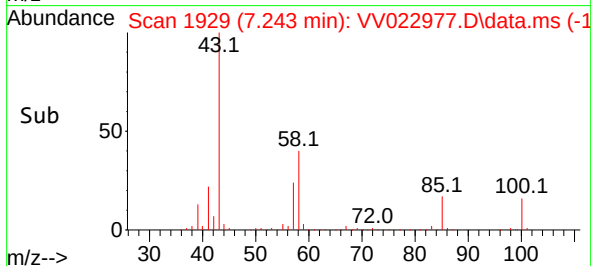
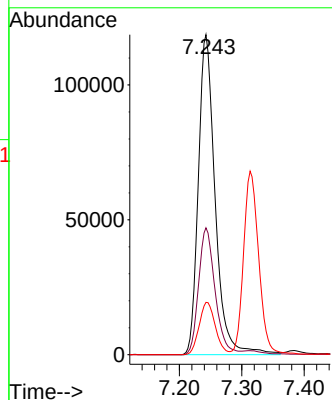
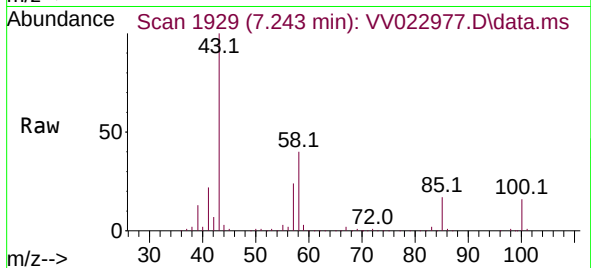
Tgt Ion: 43 Resp: 222527

Ion Ratio Lower Upper

43 100

58 38.8 32.0 48.0

100 15.8 14.2 21.2



#42

Toluene

Concen: 5.458 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV022977.D

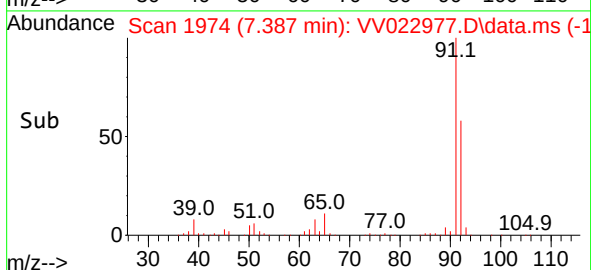
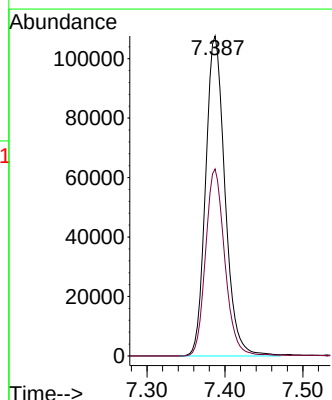
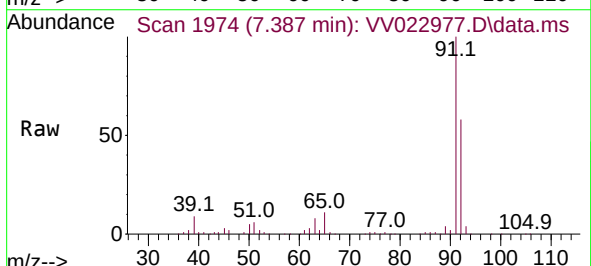
Acq: 22 Oct 2021 00:24

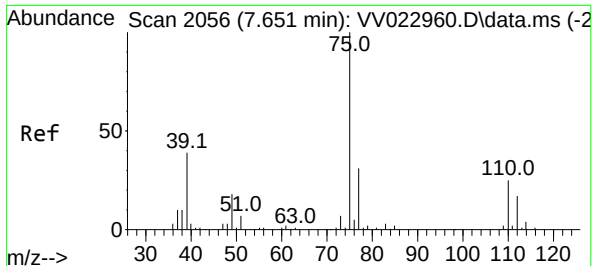
Tgt Ion: 91 Resp: 185693

Ion Ratio Lower Upper

91 100

92 58.4 40.7 75.7

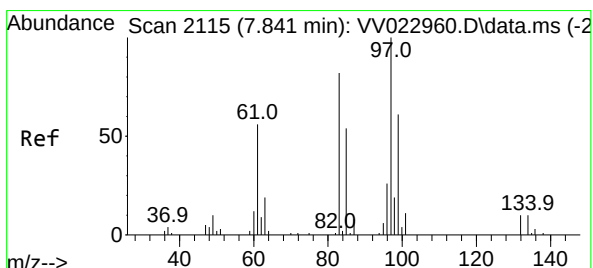
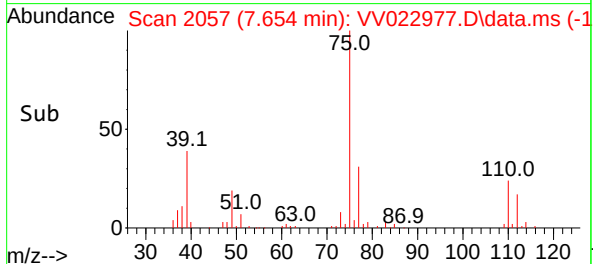
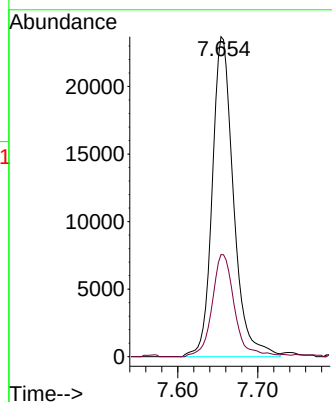
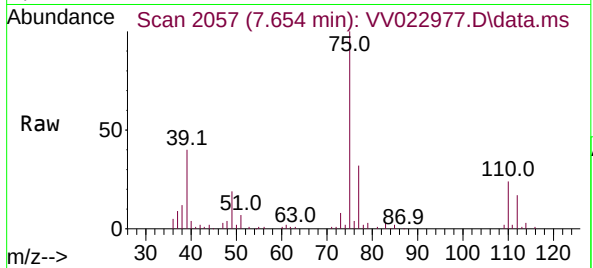




#44
trans-1,3-Dichloropropene
Concen: 5.028 ug/L
RT: 7.654 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

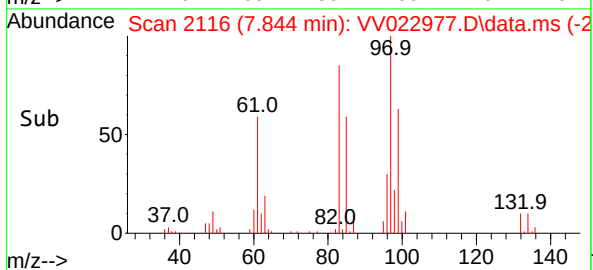
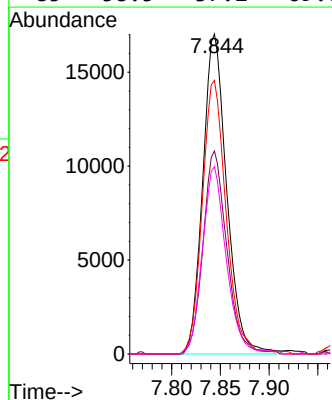
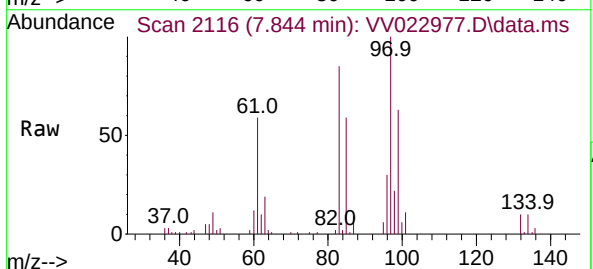
Instrument :
MSVOA_V
ClientSampleId :

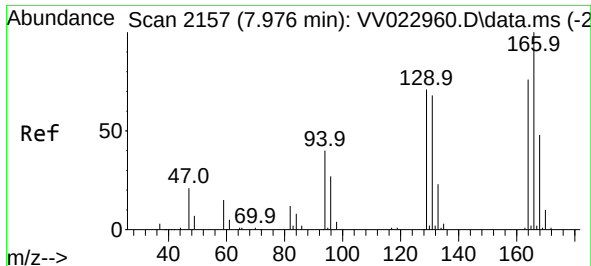
Tgt Ion: 75 Resp: 43735
Ion Ratio Lower Upper
75 100
77 31.9 23.9 44.5



#45
1,1,2-Trichloroethane
Concen: 4.869 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

Tgt Ion: 97 Resp: 29120
Ion Ratio Lower Upper
97 100
99 63.4 44.5 82.7
83 85.5 56.6 105.0
85 58.5 37.2 69.0





#47

Tetrachloroethene

Concen: 5.062 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

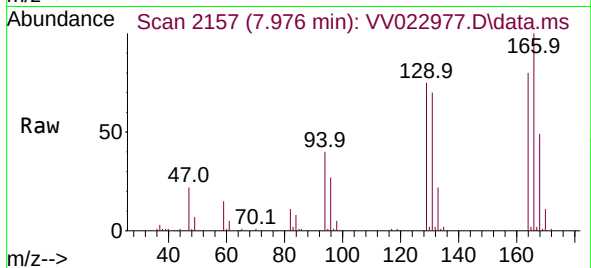
Lab File: VV022977.D

Acq: 22 Oct 2021 00:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 37308

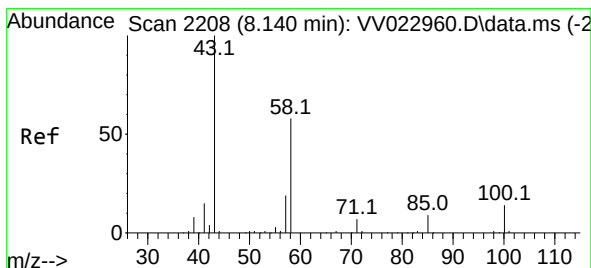
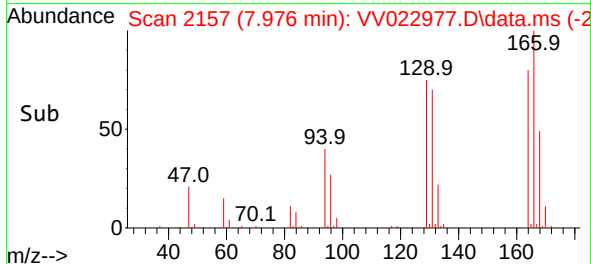
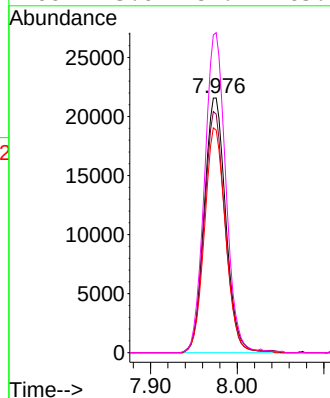
Ion Ratio Lower Upper

164 100

129 93.6 65.0 120.6

131 87.4 62.2 115.4

166 125.6 89.2 165.8



#48

2-Hexanone

Concen: 54.554 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.009 min

Lab File: VV022977.D

Acq: 22 Oct 2021 00:24

Tgt Ion: 43 Resp: 172750

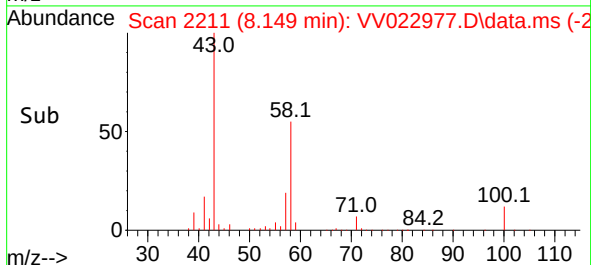
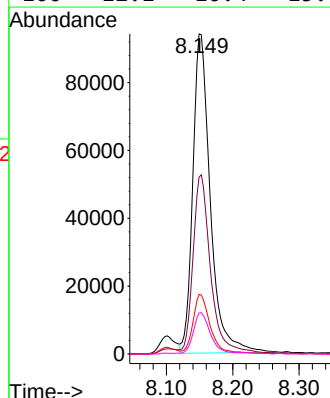
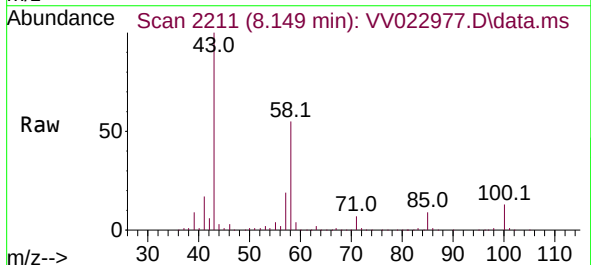
Ion Ratio Lower Upper

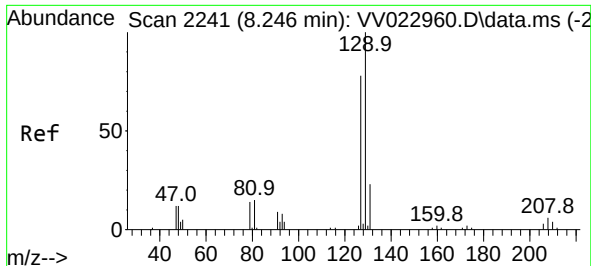
43 100

58 56.0 47.4 71.0

57 18.0 15.3 22.9

100 12.1 10.4 15.6





#49

Dibromochloromethane

Concen: 5.028 ug/L

RT: 8.249 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV022977.D

Acq: 22 Oct 2021 00:24

Instrument :

MSVOA_V

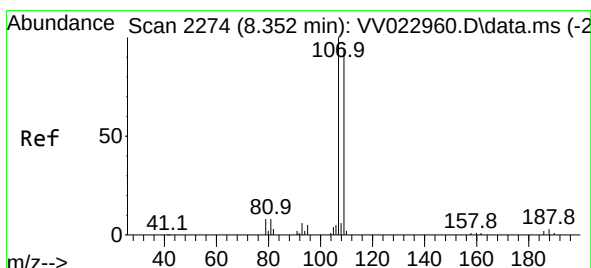
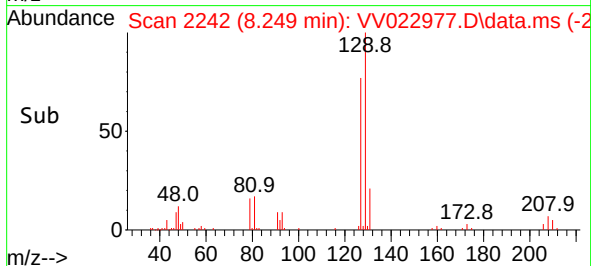
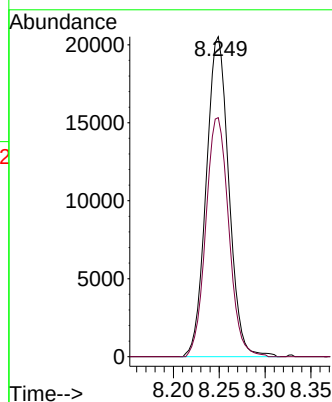
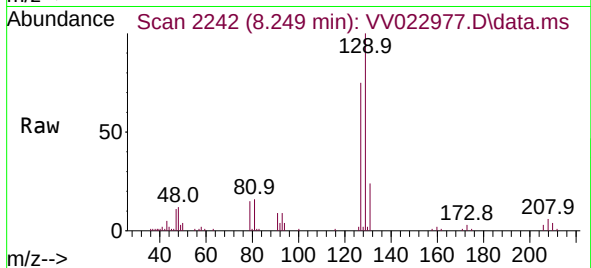
ClientSampleId :

Tgt Ion:129 Resp: 35202

Ion Ratio Lower Upper

129 100

127 74.7 59.1 109.9



#50

1,2-Dibromoethane

Concen: 4.772 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

Lab File: VV022977.D

Acq: 22 Oct 2021 00:24

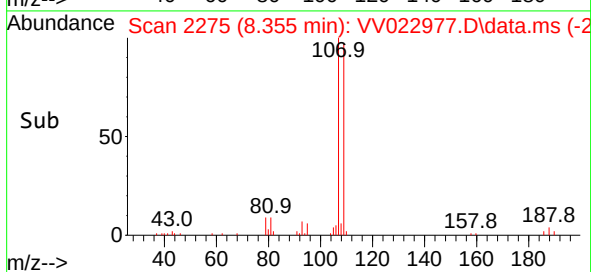
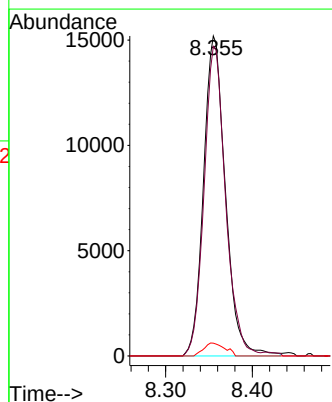
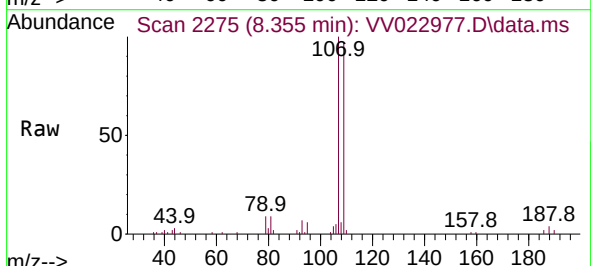
Tgt Ion:107 Resp: 26650

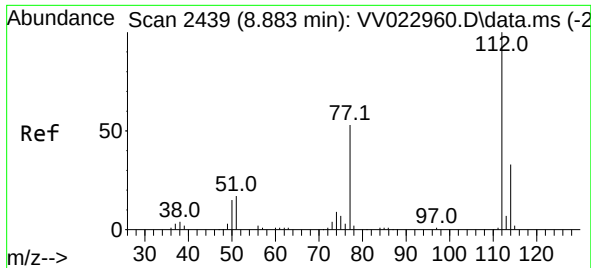
Ion Ratio Lower Upper

107 100

109 96.7 67.1 124.5

188 4.0 3.4 5.0

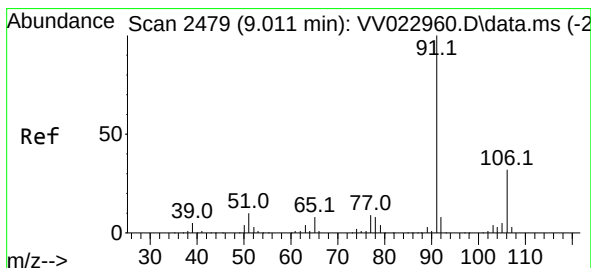
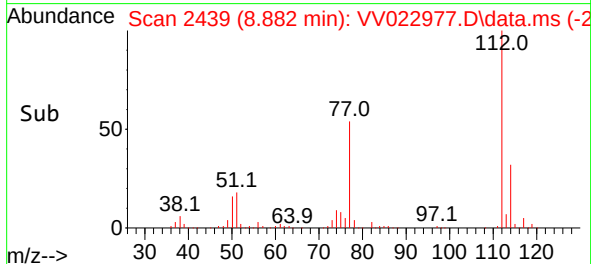
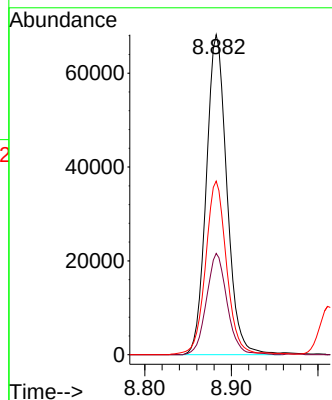
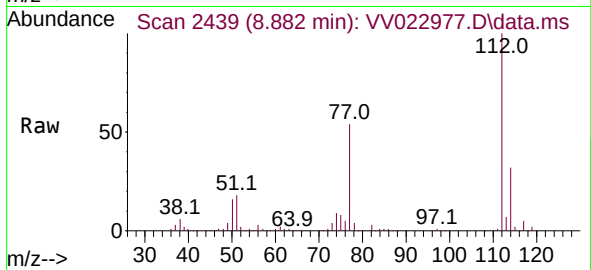




#51
Chlorobenzene
Concen: 5.054 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

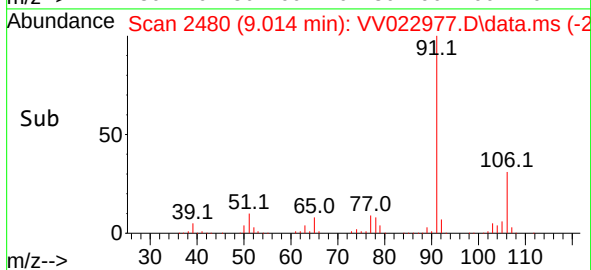
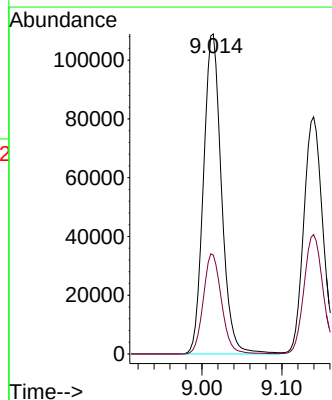
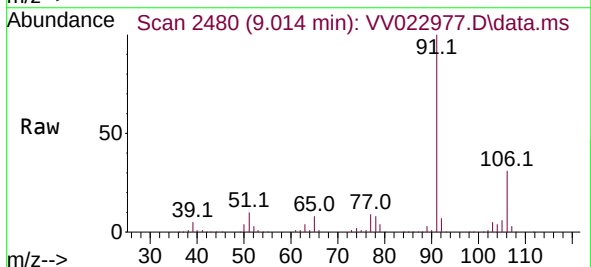
Instrument :
MSVOA_V
ClientSampleId :

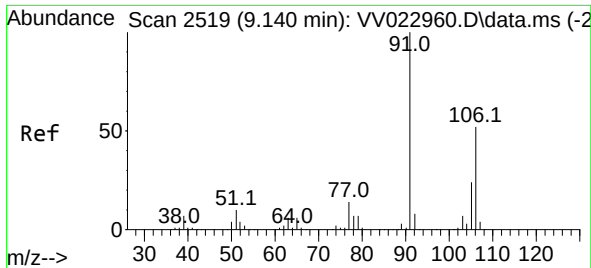
Tgt Ion:112 Resp: 112978
Ion Ratio Lower Upper
112 100
114 31.7 21.6 40.2
77 54.3 43.7 65.5



#52
Ethylbenzene
Concen: 4.952 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

Tgt Ion: 91 Resp: 171058
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.2

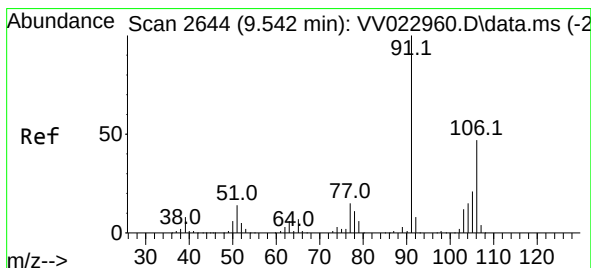
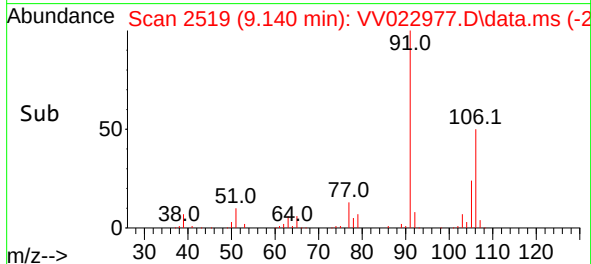
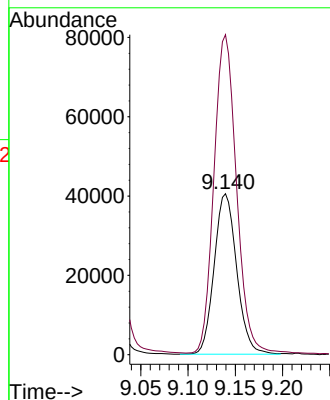
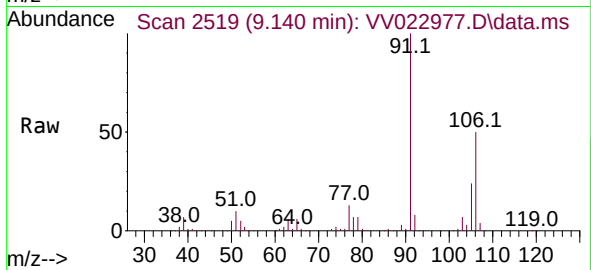




#53
m,p-xylene
Concen: 4.946 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

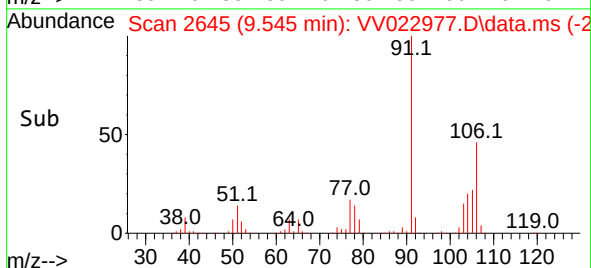
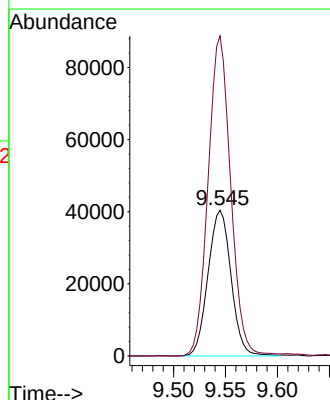
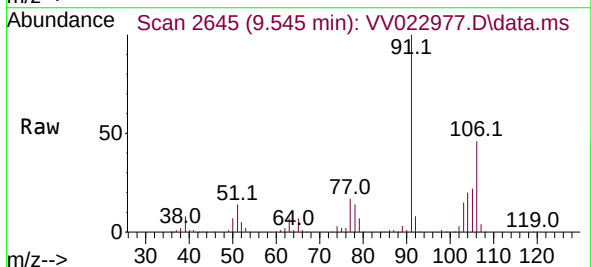
Instrument :
MSVOA_V
ClientSampleId :

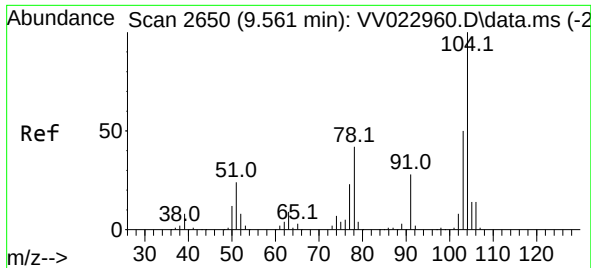
Tgt Ion:106 Resp: 67049
Ion Ratio Lower Upper
106 100
91 198.7 138.7 257.5



#54
o-xylene
Concen: 4.887 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

Tgt Ion:106 Resp: 62319
Ion Ratio Lower Upper
106 100
91 219.6 151.1 280.7

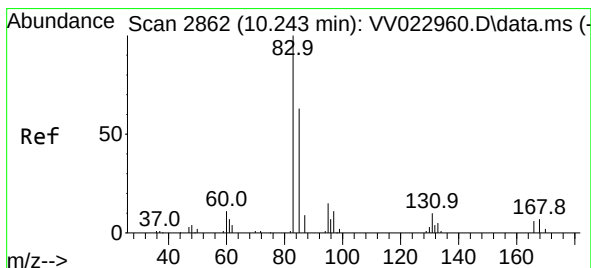
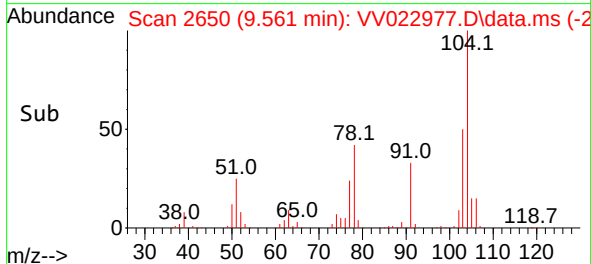
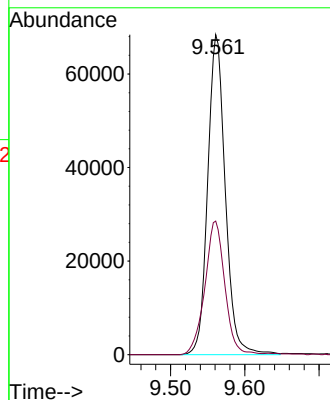
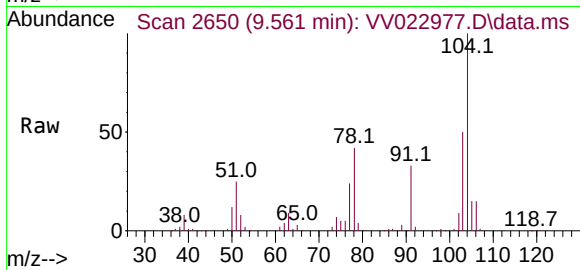




#55
Styrene
Concen: 5.118 ug/L
RT: 9.561 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

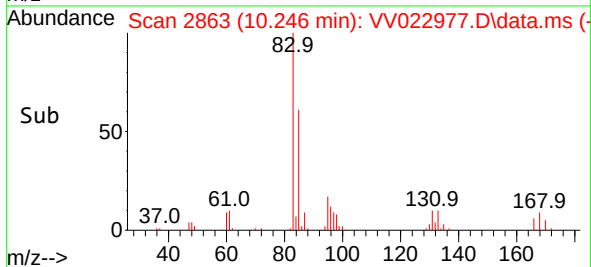
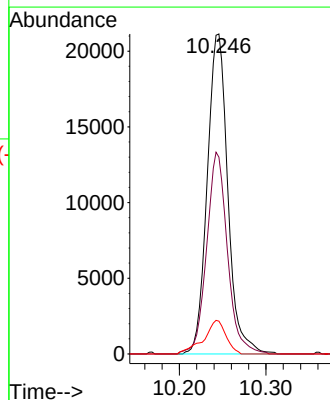
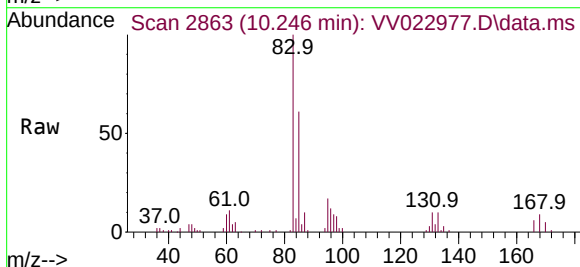
Instrument :
MSVOA_V
ClientSampleId :

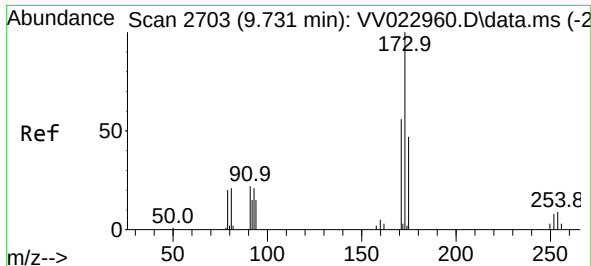
Tgt Ion:104 Resp: 112459
Ion Ratio Lower Upper
104 100
78 41.8 29.5 54.7



#57
1,1,2,2-Tetrachloroethane
Concen: 5.772 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.003 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

Tgt Ion: 83 Resp: 34930
Ion Ratio Lower Upper
83 100
85 61.5 46.0 85.4
131 10.3 8.4 12.6





#59

Bromoform

Concen: 4.640 ug/L

RT: 9.734 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV022977.D

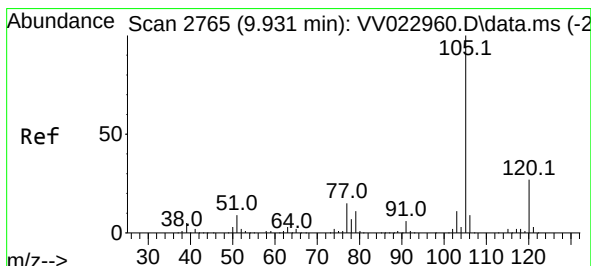
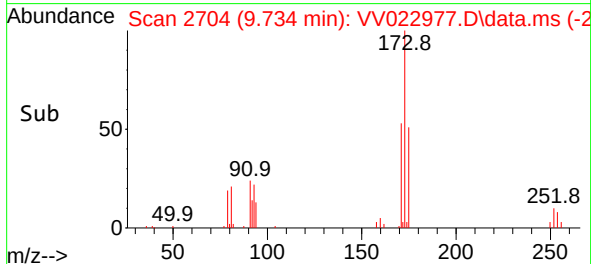
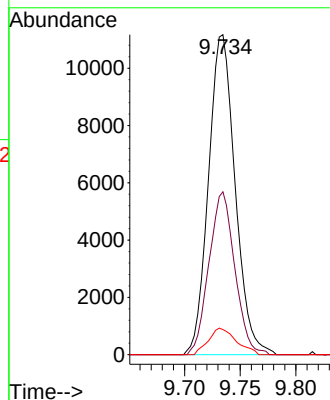
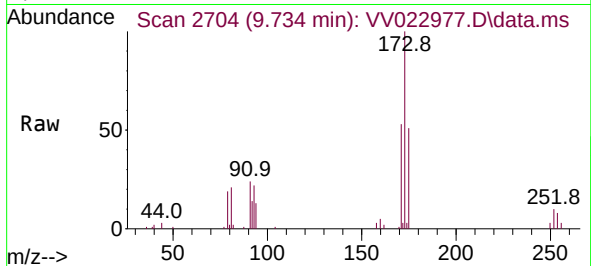
Acq: 22 Oct 2021 00:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:173	Resp:	18611
Ion Ratio	Lower	Upper
173	100	
175	49.3	38.3 57.5
254	8.6	7.1 10.7



#60

Isopropylbenzene

Concen: 4.644 ug/L

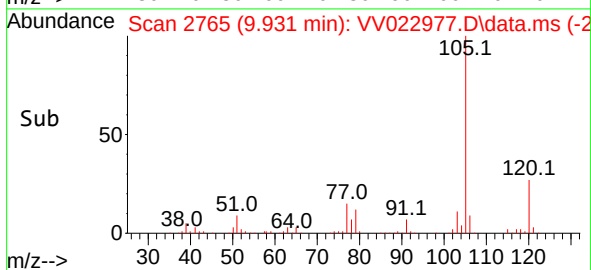
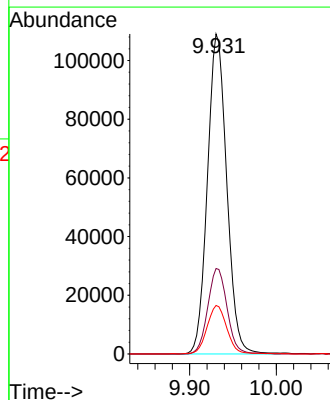
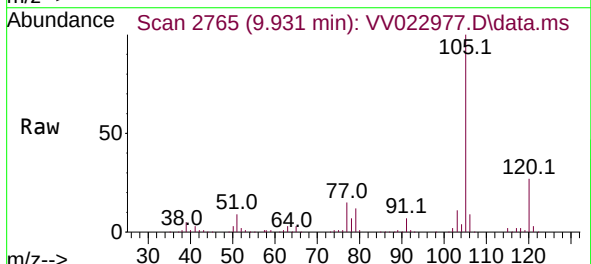
RT: 9.931 min Scan# 2765

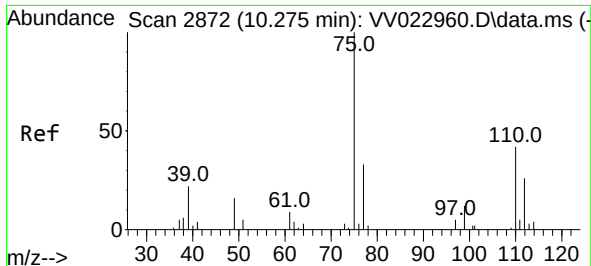
Delta R.T. -0.000 min

Lab File: VV022977.D

Acq: 22 Oct 2021 00:24

Tgt Ion:105	Resp:	168924
Ion Ratio	Lower	Upper
105	100	
120	26.8	21.8 32.8
77	15.5	12.5 18.7

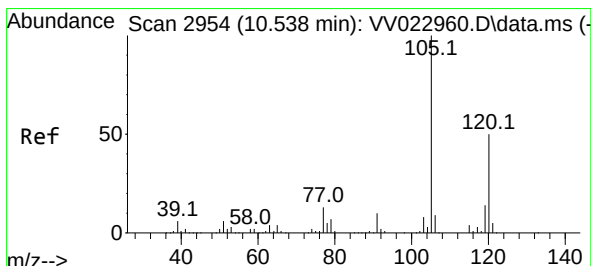
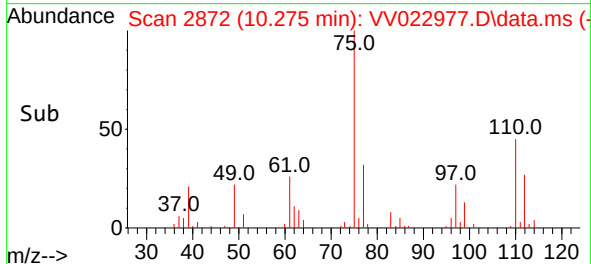
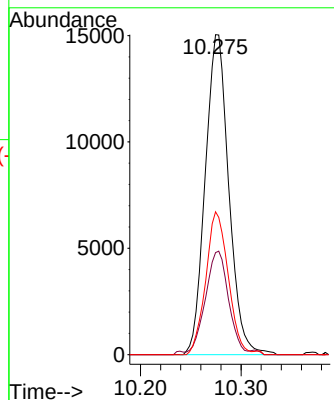
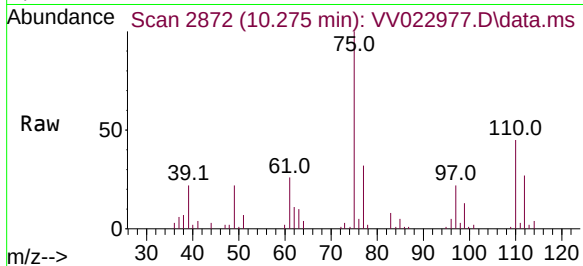




#61
 1,2,3-Trichloropropane
 Concen: 4.929 ug/L
 RT: 10.275 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV022977.D
 Acq: 22 Oct 2021 00:24

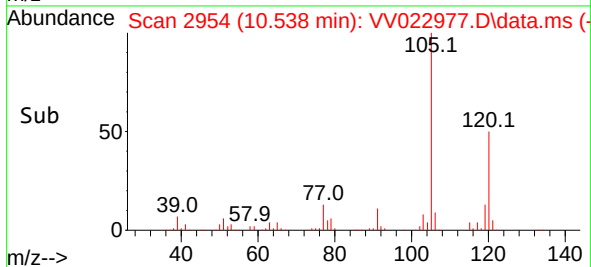
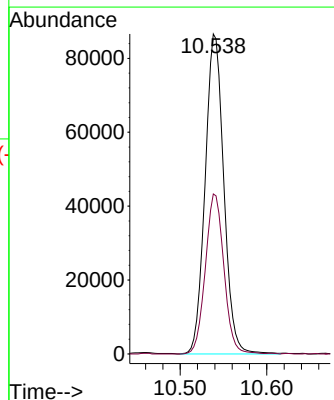
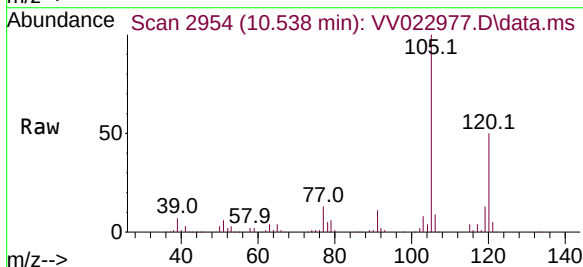
Instrument :
 MSVOA_V
 ClientSampleId :

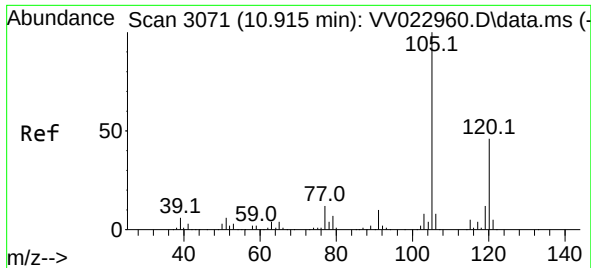
Tgt Ion: 75 Resp: 24524
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.4 38.2
 110 42.8 34.2 51.4



#62
 1,3,5-Trimethylbenzene
 Concen: 4.420 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV022977.D
 Acq: 22 Oct 2021 00:24

Tgt Ion: 105 Resp: 129899
 Ion Ratio Lower Upper
 105 100
 120 49.6 39.4 59.2

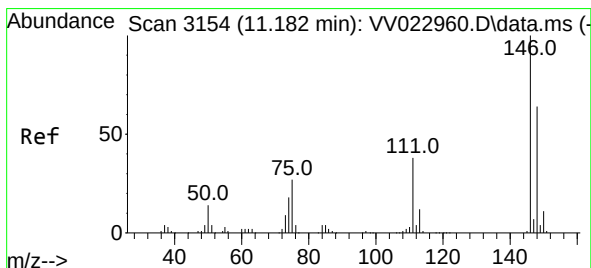
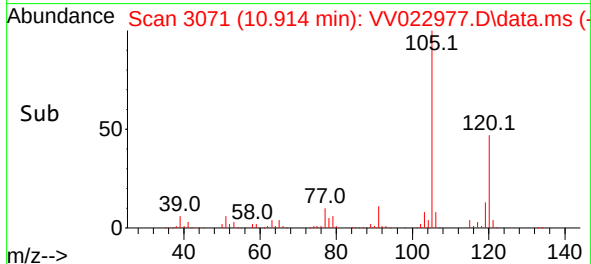
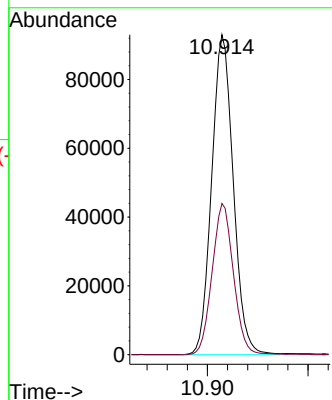
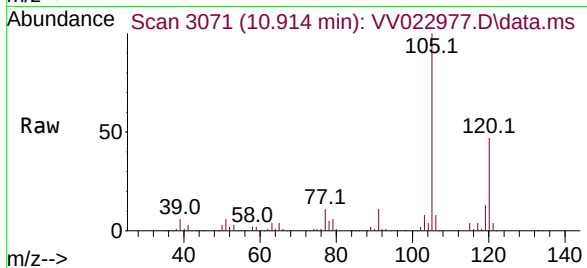




#63
 1,2,4-Trimethylbenzene
 Concen: 4.713 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV022977.D
 Acq: 22 Oct 2021 00:24

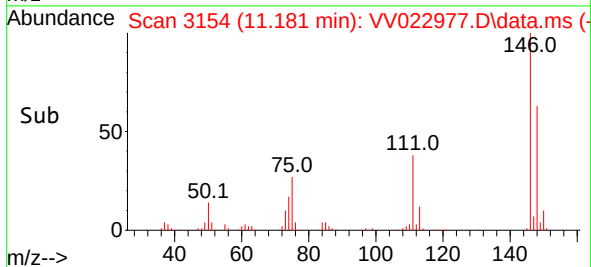
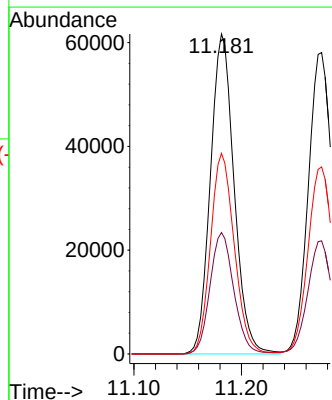
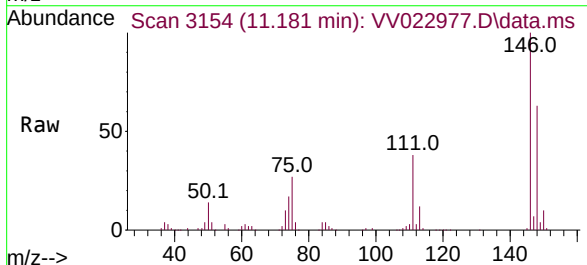
Instrument :
 MSVOA_V
 ClientSampleId :

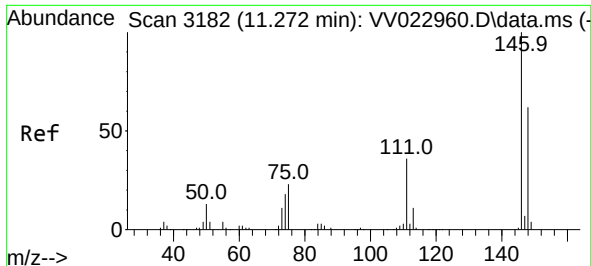
Tgt Ion:105 Resp: 138603
 Ion Ratio Lower Upper
 105 100
 120 46.7 37.3 55.9



#64
 1,3-Dichlorobenzene
 Concen: 4.946 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. -0.000 min
 Lab File: VV022977.D
 Acq: 22 Oct 2021 00:24

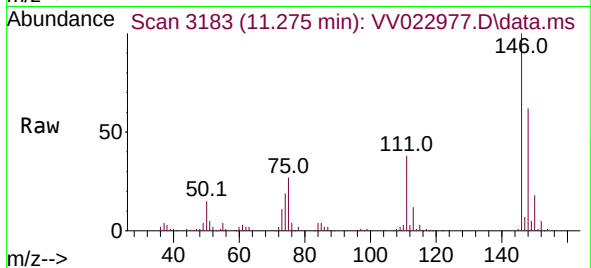
Tgt Ion:146 Resp: 94429
 Ion Ratio Lower Upper
 146 100
 111 37.9 26.7 49.5
 148 62.7 45.1 83.9



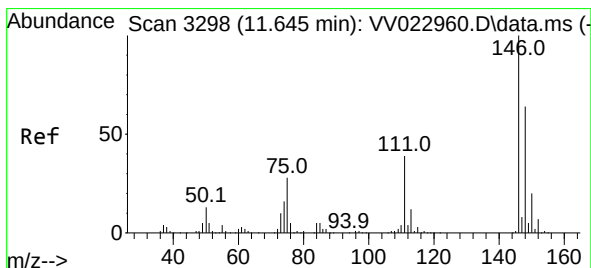
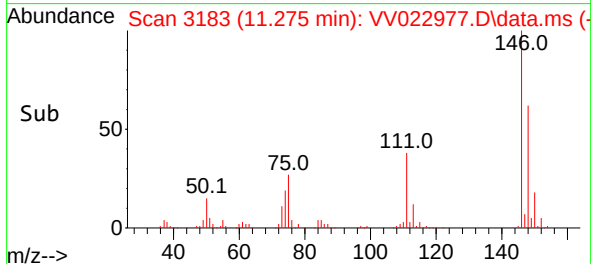
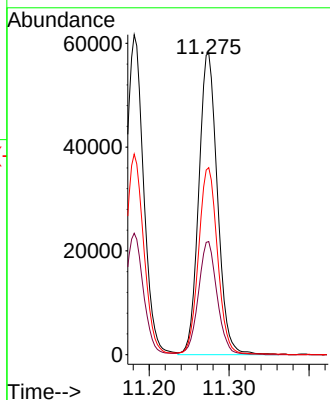


#65
1,4-Dichlorobenzene
Concen: 4.882 ug/L
RT: 11.275 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

Instrument :
MSVOA_V
ClientSampleId :

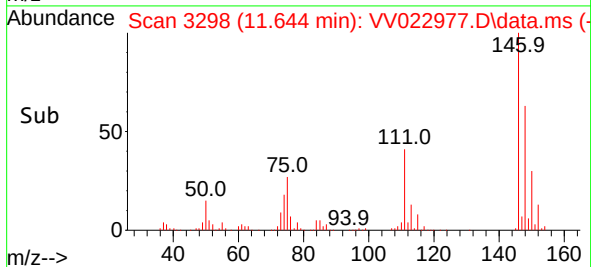
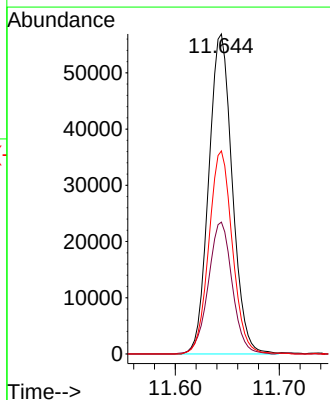
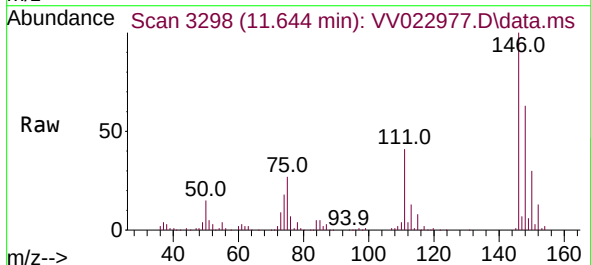


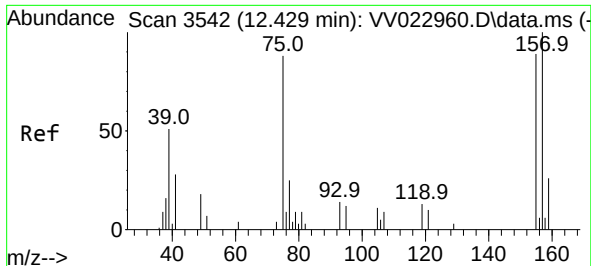
Tgt Ion:146 Resp: 94638
Ion Ratio Lower Upper
146 100
111 37.5 25.6 47.4
148 62.1 44.9 83.5



#67
1,2-Dichlorobenzene
Concen: 4.999 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

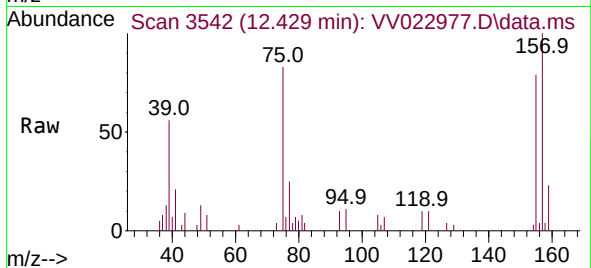
Tgt Ion:146 Resp: 89527
Ion Ratio Lower Upper
146 100
111 41.2 32.3 48.5
148 63.4 52.1 78.1



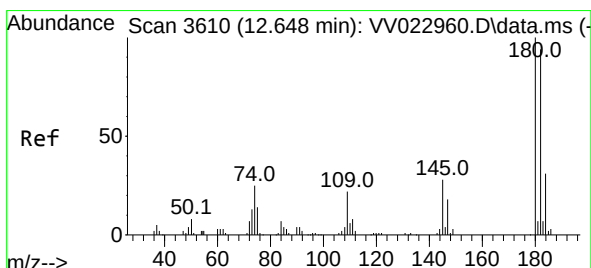
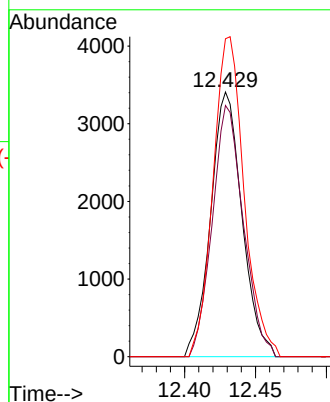
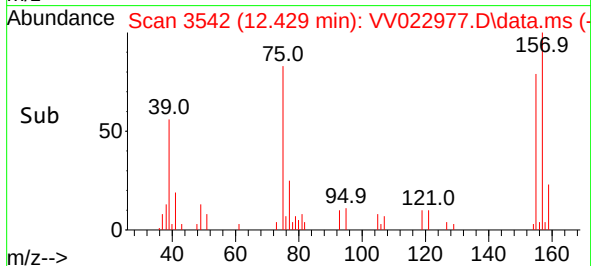


#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.797 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. -0.000 min
 Lab File: VV022977.D
 Acq: 22 Oct 2021 00:24

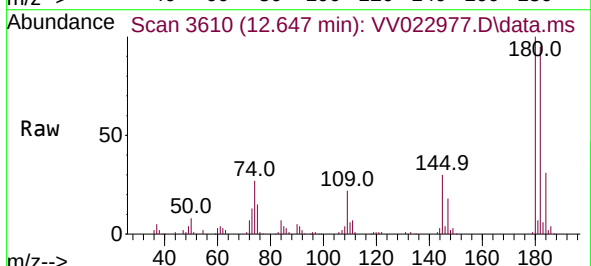
Instrument :
 MSVOA_V
 ClientSampleId :



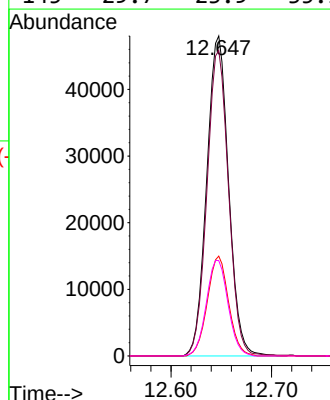
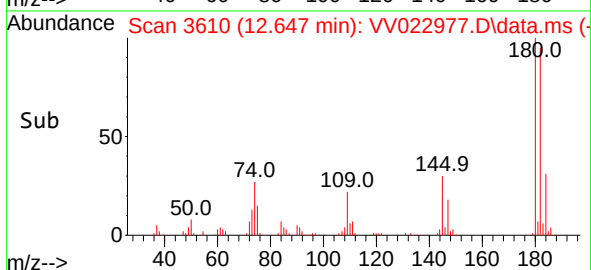
Tgt Ion: 75 Resp: 5250
 Ion Ratio Lower Upper
 75 100
 155 94.9 82.4 123.6
 157 120.2 114.1 171.1

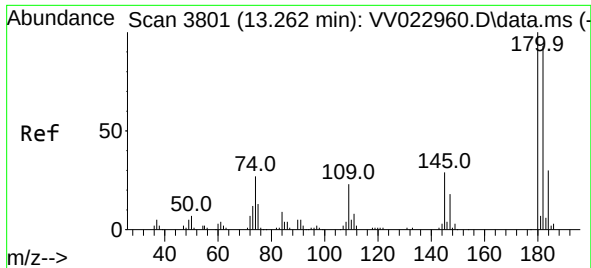


#69
 1,3,5-Trichlorobenzene
 Concen: 5.052 ug/L
 RT: 12.647 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VV022977.D
 Acq: 22 Oct 2021 00:24



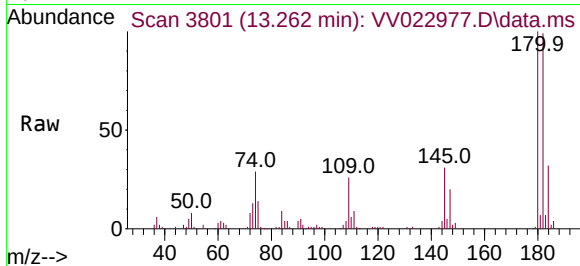
Tgt Ion: 180 Resp: 72648
 Ion Ratio Lower Upper
 180 100
 182 94.1 77.0 115.6
 184 30.3 24.5 36.7
 145 29.7 23.9 35.9



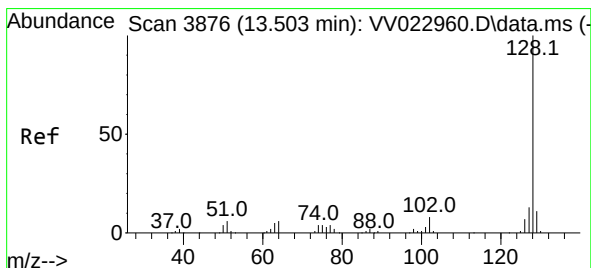
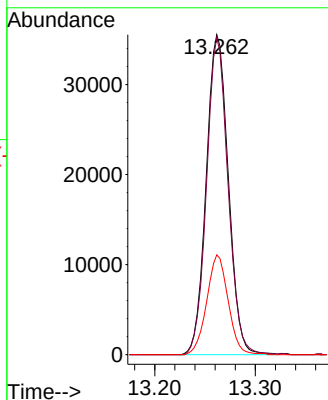
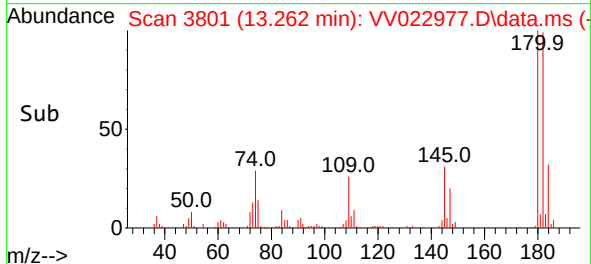


#70
1,2,4-trichlorobenzene
Concen: 4.951 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24

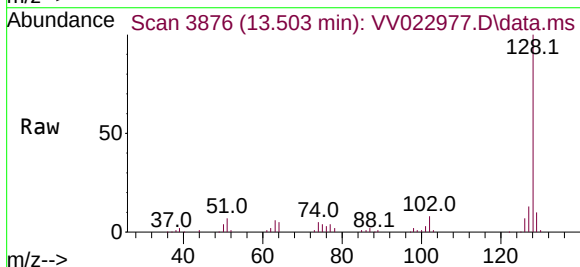
Instrument :
MSVOA_V
ClientSampleId :



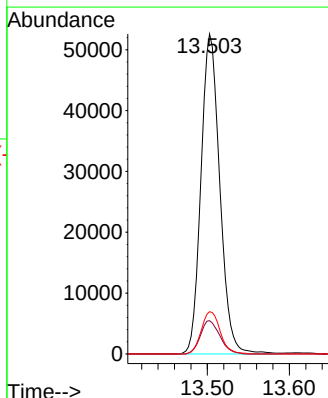
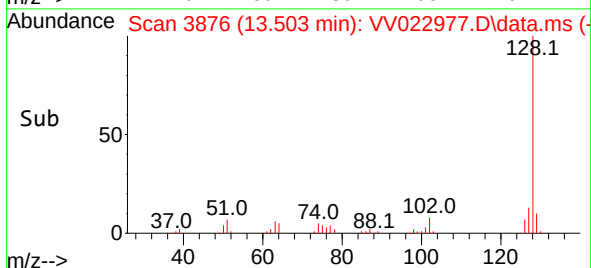
Tgt Ion:180 Resp: 54397
Ion Ratio Lower Upper
180 100
182 95.9 76.0 114.0
145 30.1 24.1 36.1

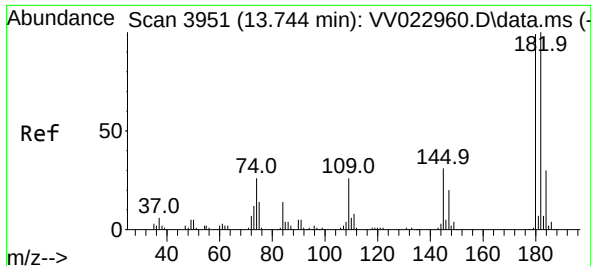


#71
Naphthalene
Concen: 4.796 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022977.D
Acq: 22 Oct 2021 00:24



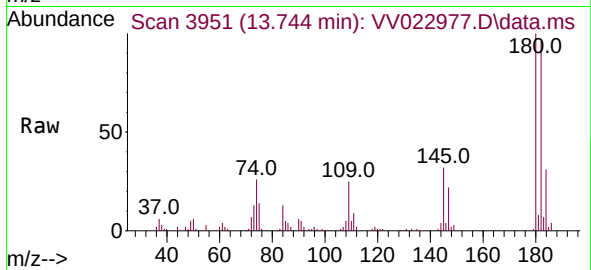
Tgt Ion:128 Resp: 83747
Ion Ratio Lower Upper
128 100
129 10.7 9.3 13.9
127 13.3 10.8 16.2





#72
 1,2,3-Trichlorobenzene
 Concen: 5.055 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. -0.000 min
 Lab File: VV022977.D
 Acq: 22 Oct 2021 00:24

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 52361
 Ion Ratio Lower Upper
 180 100
 182 93.5 75.5 113.3
 145 31.1 24.7 37.1

