

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
 Data File : VV022980.D
 Acq On : 22 Oct 2021 10:29
 Operator : SY/MD
 Sample : VSTD00142
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 00:41:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 00:39:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	130838	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	126496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63052	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	10750	1.107	ug/L	0.00
7) Chloroethane-d5	1.558	69	6329	0.793	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.101	63	15496	0.878	ug/L	-0.02
20) 2-Butanone-d5	3.995	46	7112	3.053	ug/L	0.04
24) Chloroform-d	4.342	84	16763	0.891	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	8854	0.975	ug/L	0.00
32) Benzene-d6	5.040	84	35568	0.925	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	10222	0.898	ug/L	-0.02
41) Toluene-d8	7.316	98	26805	0.801	ug/L	-0.01
43) trans-1,3-Dichloroprop...	7.632	79	3561	0.934	ug/L	0.00
46) 2-Hexanone-d5	8.114	63	10457	7.015	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	7060	0.924	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	10200	0.867	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	8165	0.878	ug/L	99
3) Chloromethane	1.236	50	9573	1.014	ug/L	100
5) Vinyl chloride	1.301	62	9265	0.946	ug/L	98
6) Bromomethane	1.513	94	4720	0.805	ug/L	99
8) Chloroethane	1.577	64	5055	0.863	ug/L	99
9) Trichlorofluoromethane	1.744	101	12861	0.920	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	7067	0.861	ug/L	99
12) 1,1-Dichloroethene	2.111	96	6980	0.907	ug/L	94
13) Acetone	2.304	43	3072	2.469	ug/L	70
14) Carbon disulfide	2.285	76	18875	0.878	ug/L	98
15) Methyl Acetate	2.461	43	2024	0.596	ug/L #	54
16) Methylene chloride	2.500	84	7696	0.752	ug/L	91
17) Methyl tert-butyl Ether	2.776	73	17745	0.994	ug/L	97
18) trans-1,2-Dichloroethene	2.748	96	7934	0.980	ug/L	95
19) 1,1-Dichloroethane	3.182	63	15116	1.035	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	7147	0.797	ug/L #	92
23) Bromochloromethane	4.239	128	3881	0.986	ug/L	86
25) Chloroform	4.374	83	17637	0.998	ug/L	91
27) 1,2-Dichloroethane	5.133	62	10317	1.160	ug/L	100
29) 1,1,1-Trichloroethane	4.593	97	14303	0.987	ug/L	98
30) Cyclohexane	4.657	56	13163	0.995	ug/L	98
31) Carbon tetrachloride	4.815	117	12082	0.964	ug/L	98
33) Benzene	5.091	78	36003	1.054	ug/L	100
34) Trichloroethene	5.908	95	8356	0.910	ug/L	98
35) Methylcyclohexane	6.117	83	11069	0.858	ug/L	99
37) 1,2-Dichloropropane	6.175	63	8591	1.046	ug/L #	91
38) Bromodichloromethane	6.509	83	10793	1.062	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	9852	0.917	ug/L	100
40) 4-Methyl-2-pentanone	7.252	43	35576	8.238	ug/L	98
42) Toluene	7.387	91	31288	0.900	ug/L	98
44) trans-1,3-Dichloropropene	7.661	75	8224	0.931	ug/L	100
45) 1,1,2-Trichloroethane	7.847	97	6167	1.019	ug/L	98

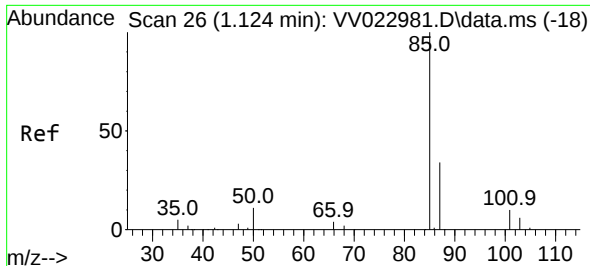
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 00:39:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	7.972	164	6875	0.921	ug/L	94
48) 2-Hexanone	8.162	43	25328	8.021	ug/L	93
49) Dibromochloromethane	8.249	129	7155	1.007	ug/L	99
50) 1,2-Dibromoethane	8.355	107	5336	0.952	ug/L #	90
51) Chlorobenzene	8.882	112	21938	0.968	ug/L	98
52) Ethylbenzene	9.014	91	30028	0.863	ug/L	100
53) m,p-xylene	9.140	106	11792	0.856	ug/L	91
54) o-xylene	9.545	106	11129	0.866	ug/L	98
55) Styrene	9.564	104	18250	0.823	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	7017	1.133	ug/L	99
59) Bromoform	9.734	173	3774	1.069	ug/L	97
60) Isopropylbenzene	9.931	105	28860	0.902	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	4666	1.073	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	23377	0.913	ug/L	95
63) 1,2,4-Trimethylbenzene	10.914	105	22252	0.867	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	16223	0.967	ug/L	89
65) 1,4-Dichlorobenzene	11.275	146	17712	1.043	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	15487	0.987	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	921	1.132	ug/L	95
69) 1,3,5-Trichlorobenzene	12.647	180	12992	1.028	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	9502	0.994	ug/L	95
71) Naphthalene	13.506	128	12626	0.831	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	8432	0.937	ug/L	96

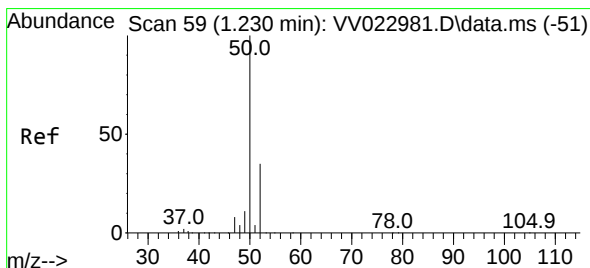
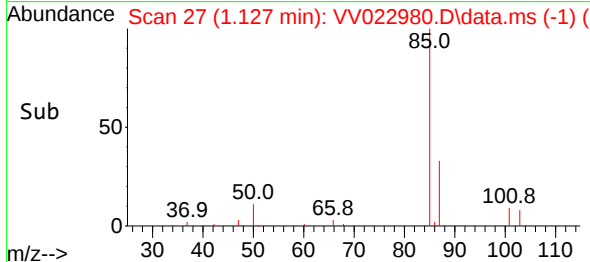
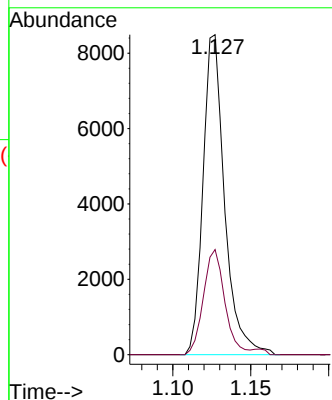
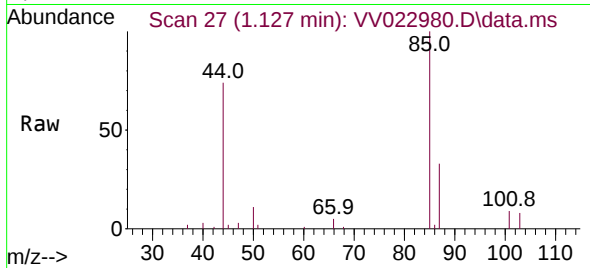
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.878 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

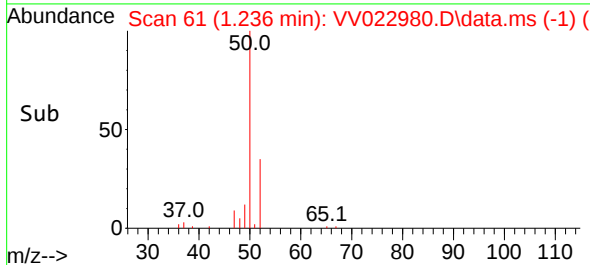
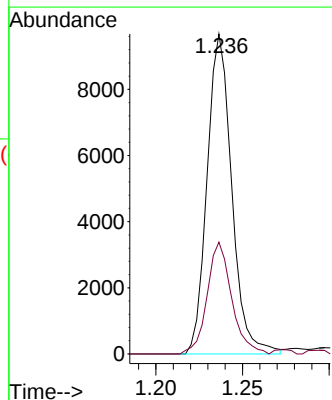
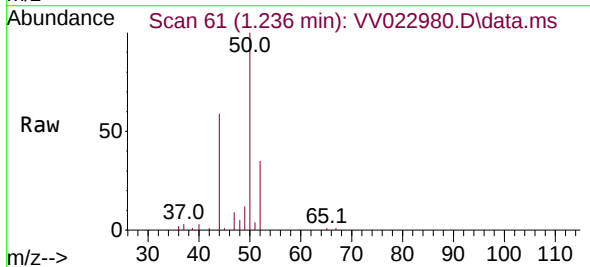
Instrument :
MSVOA_V
ClientSampleId :

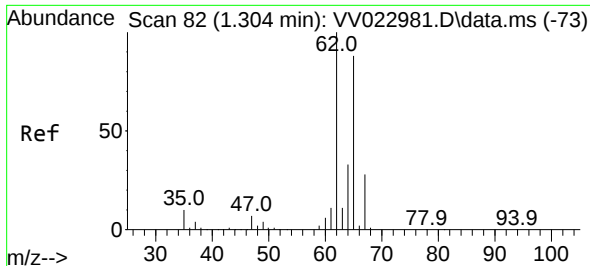
Tgt Ion: 85 Resp: 8165
Ion Ratio Lower Upper
85 100
87 32.6 26.6 39.8



#3
Chloromethane
Concen: 1.014 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

Tgt Ion: 50 Resp: 9573
Ion Ratio Lower Upper
50 100
52 34.9 24.3 45.1

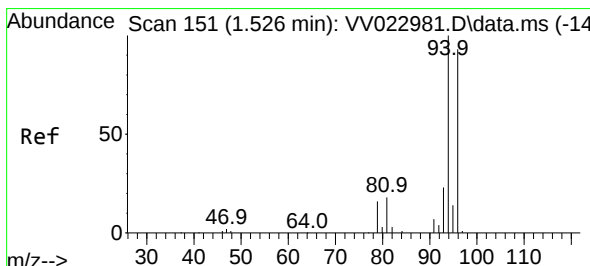
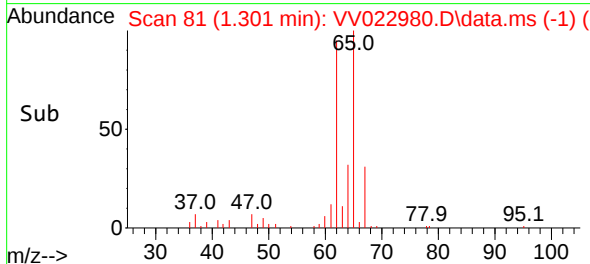
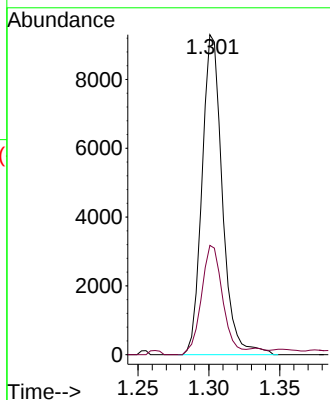
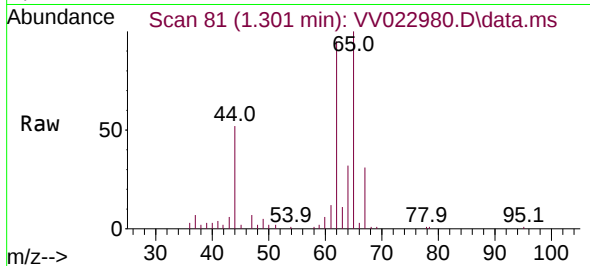




#5
 Vinyl chloride
 Concen: 0.946 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV022980.D
 Acq: 22 Oct 2021 10:29

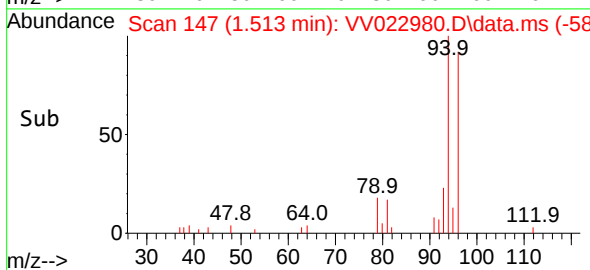
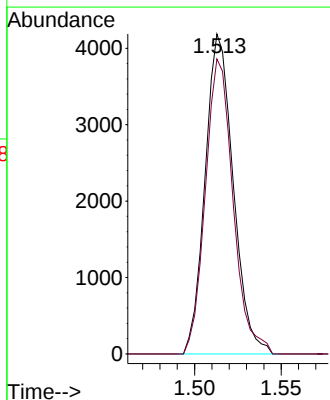
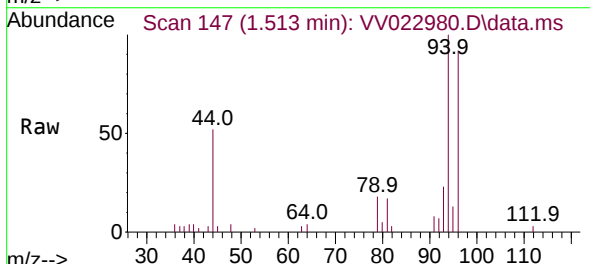
Instrument :
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 ClientSampleId :

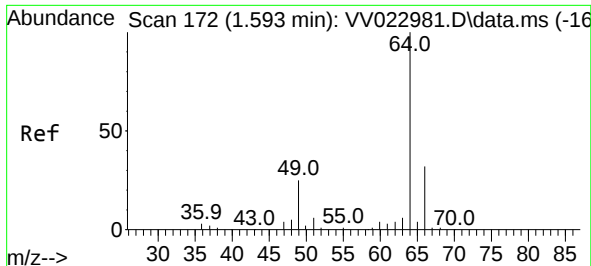
Tgt Ion: 62 Resp: 9265
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.1 42.9



#6
 Bromomethane
 Concen: 0.805 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.013 min
 Lab File: VV022980.D
 Acq: 22 Oct 2021 10:29

Tgt Ion: 94 Resp: 4720
 Ion Ratio Lower Upper
 94 100
 96 92.2 65.0 120.8

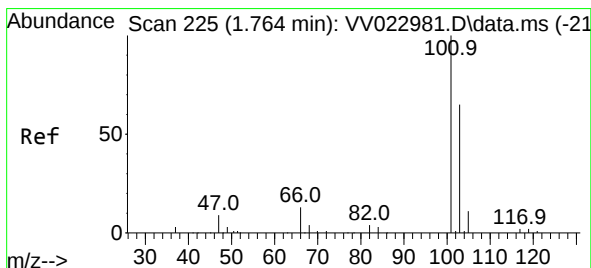
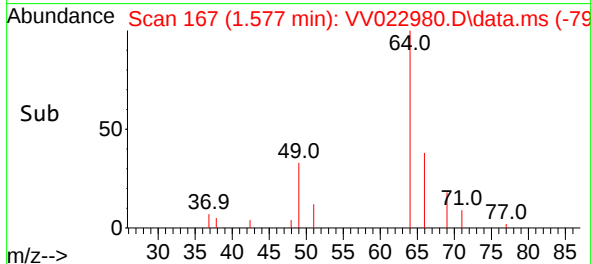
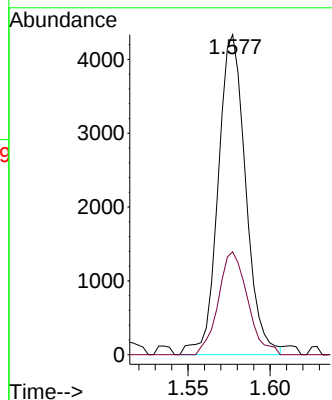
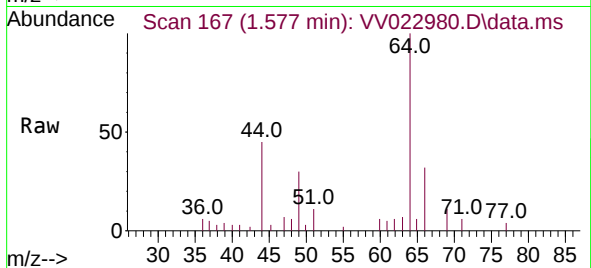




#8
Chloroethane
Concen: 0.863 ug/L
RT: 1.577 min Scan# 11
Delta R.T. -0.016 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

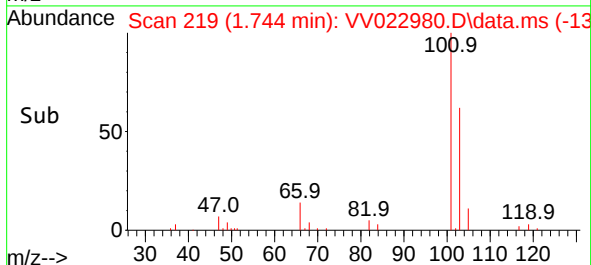
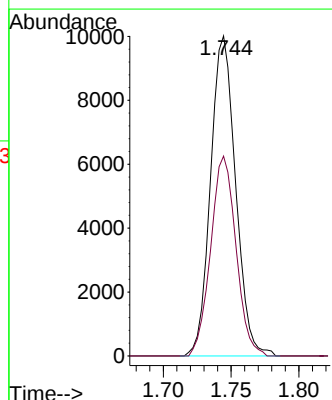
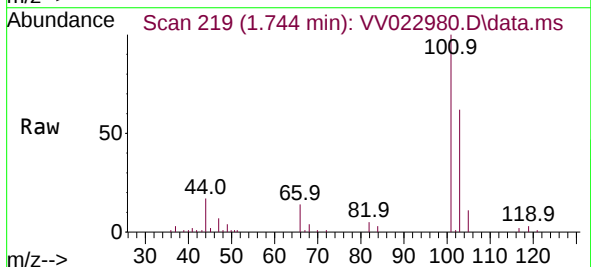
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MSVOA_V
ClientSampleId :

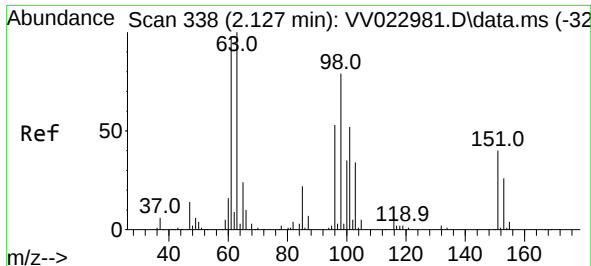
Tgt Ion: 64 Resp: 5055
Ion Ratio Lower Upper
64 100
66 32.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.920 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.019 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

Tgt Ion: 101 Resp: 12861
Ion Ratio Lower Upper
101 100
103 63.1 52.6 79.0





#10

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

Concen: 0.861 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.016 min

Lab File: VV022980.D

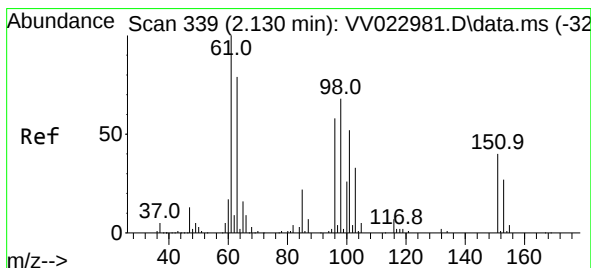
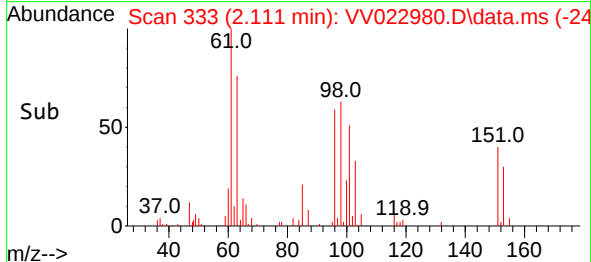
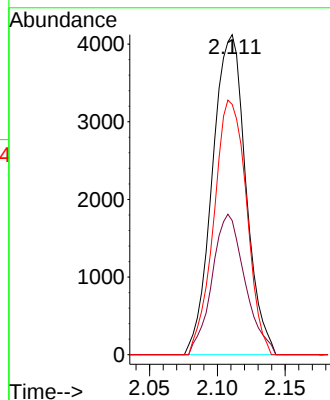
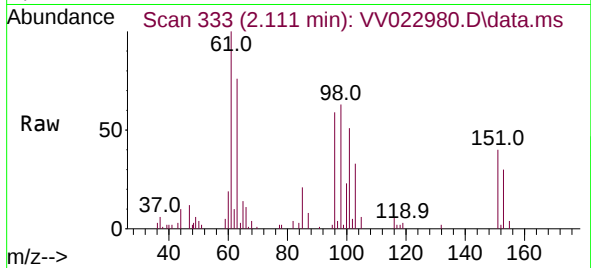
Acq: 22 Oct 2021 10:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	7067
Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.3	52.9
151	77.7	62.2	93.2



#12

1,1-Dichloroethene

Concen: 0.907 ug/L

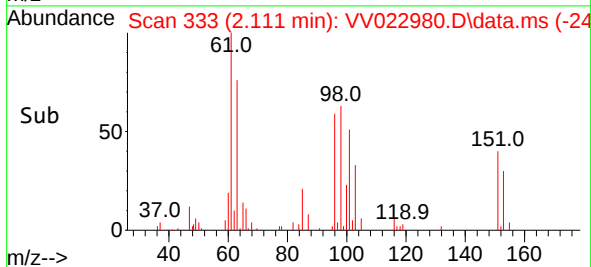
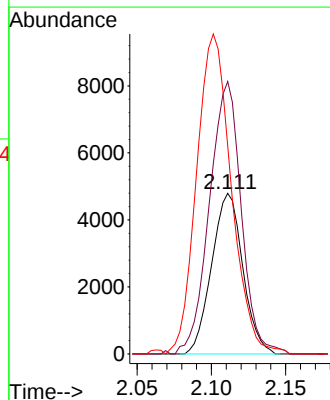
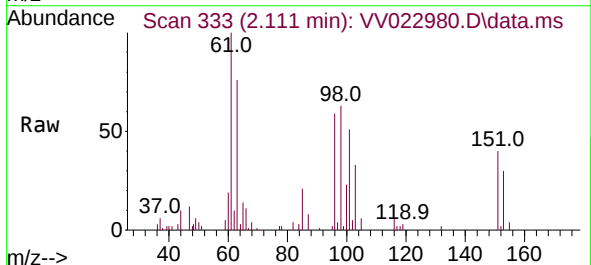
RT: 2.111 min Scan# 333

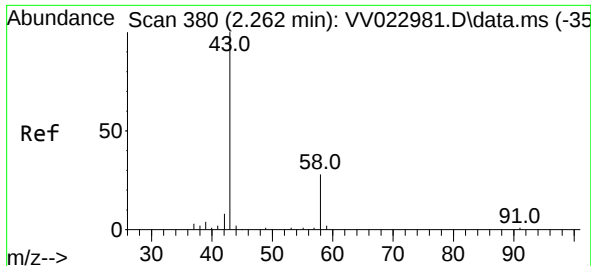
Delta R.T. -0.019 min

Lab File: VV022980.D

Acq: 22 Oct 2021 10:29

Tgt Ion:	96	Resp:	6980
Ion	Ratio	Lower	Upper
96	100		
61	169.7	121.5	225.7
63	129.5	99.6	185.0





#13

Acetone

Concen: 2.469 ug/L

RT: 2.304 min Scan# 393

Delta R.T. 0.042 min

Lab File: VV022980.D

Acq: 22 Oct 2021 10:29

Instrument :

MSVOA_V

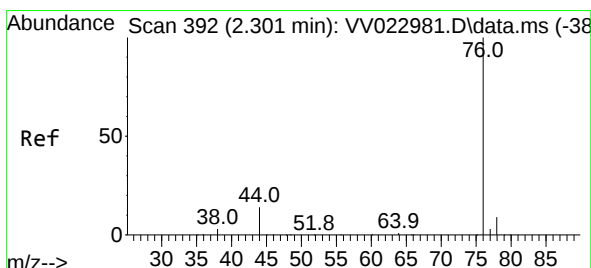
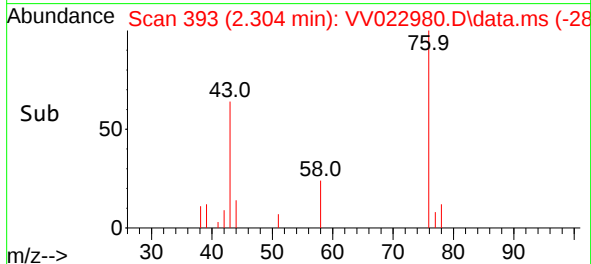
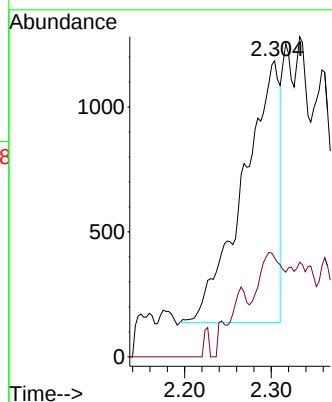
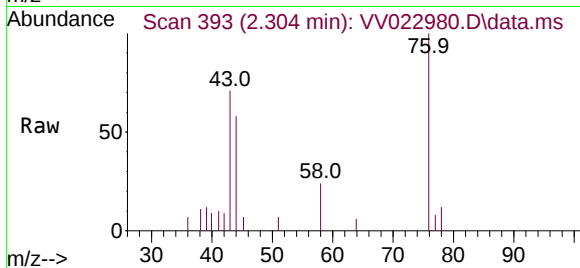
ClientSampleId :

Tgt Ion: 43 Resp: 3072

Ion Ratio Lower Upper

43 100

58 11.9 0.0 55.4



#14

Carbon disulfide

Concen: 0.878 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.016 min

Lab File: VV022980.D

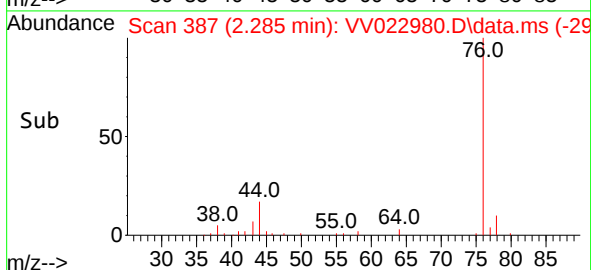
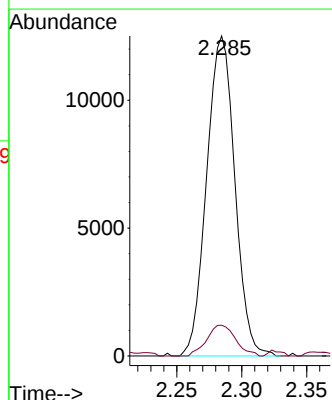
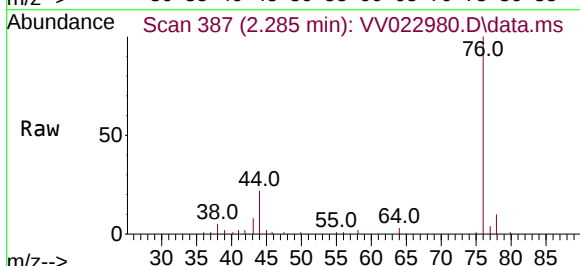
Acq: 22 Oct 2021 10:29

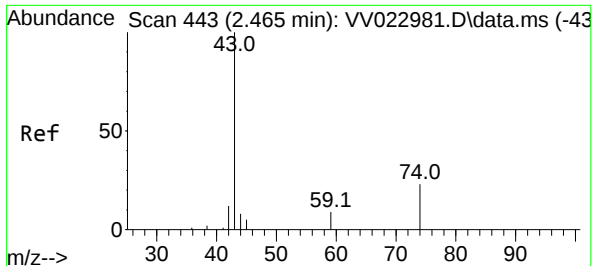
Tgt Ion: 76 Resp: 18875

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8

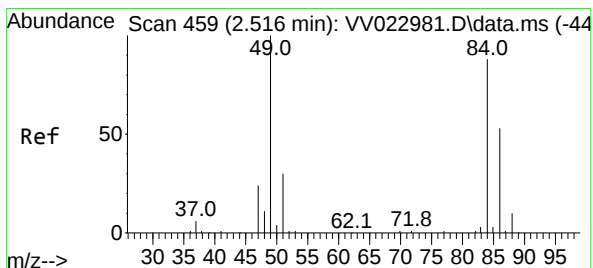
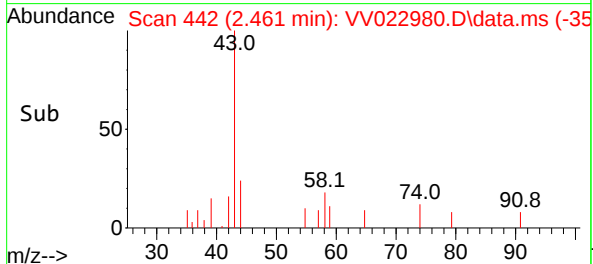
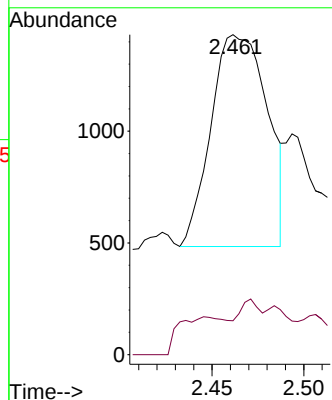
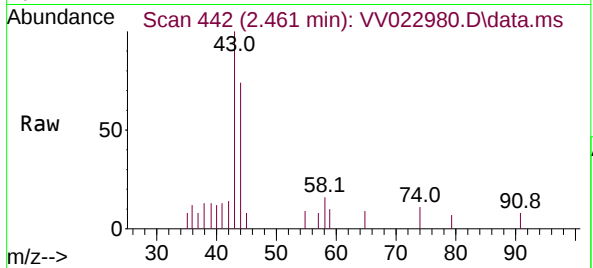




#15
Methyl Acetate
Concen: 0.596 ug/L
RT: 2.461 min Scan# 443
Delta R.T. -0.003 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

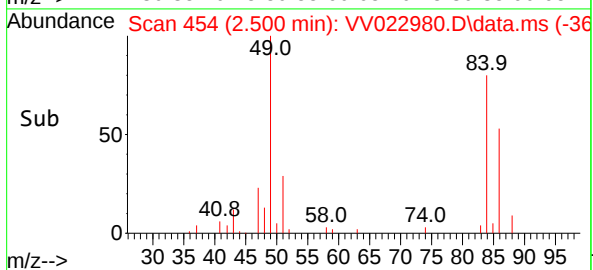
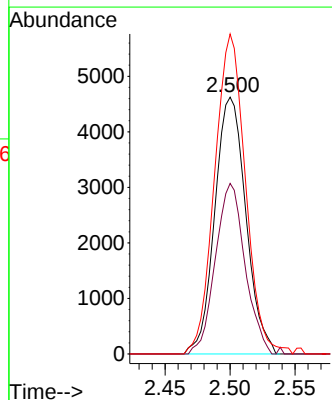
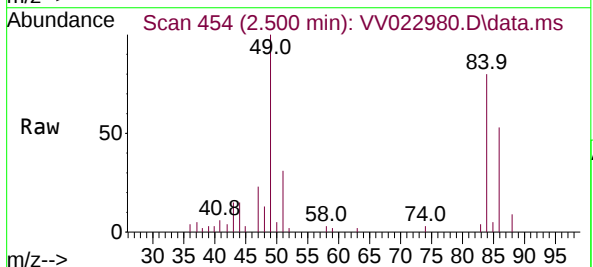
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ClientSampleId :

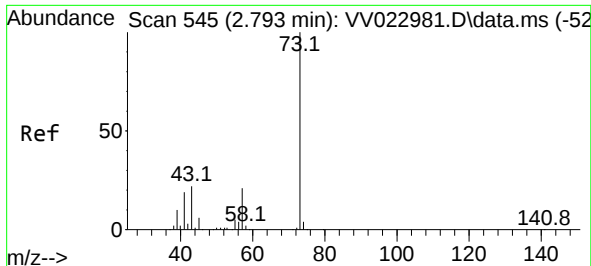
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Ion Ratio Lower Upper
43 100
74 3.4 22.2 33.2#



#16
Methylene chloride
Concen: 0.752 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.016 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

Tgt Ion: 84 Resp: 7696
Ion Ratio Lower Upper
84 100
86 66.4 42.3 78.5
49 124.6 79.7 148.1

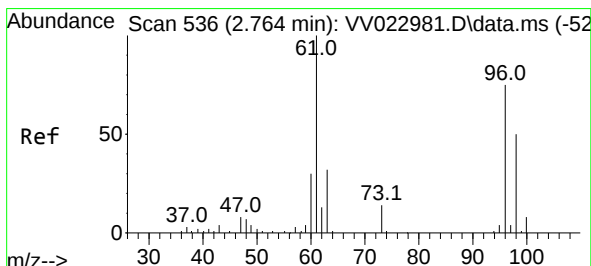
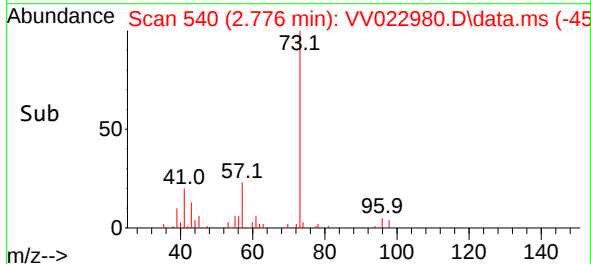
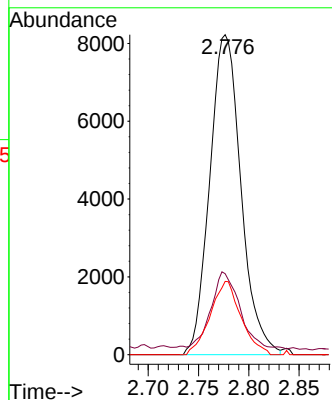
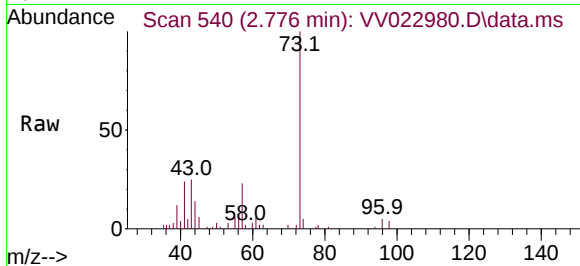




#17
Methyl tert-butyl Ether
Concen: 0.994 ug/L
RT: 2.776 min Scan# 54
Delta R.T. -0.016 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

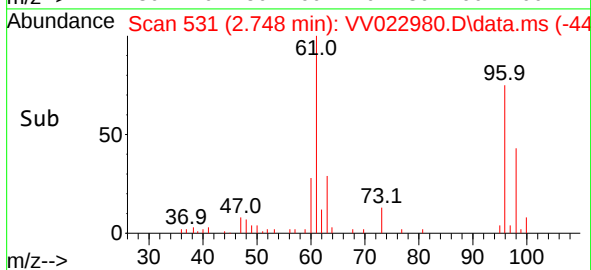
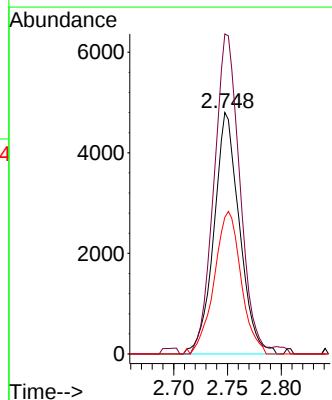
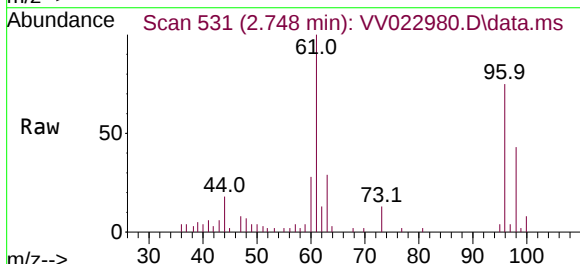
Instrument :
MSVOA_V
ClientSampleId :

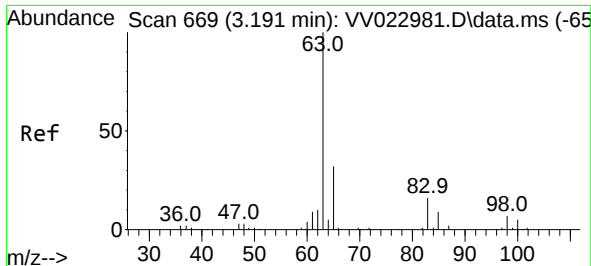
Tgt Ion: 73 Resp: 17745
Ion Ratio Lower Upper
73 100
43 22.5 17.4 26.0
57 22.6 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 0.980 ug/L
RT: 2.748 min Scan# 531
Delta R.T. -0.016 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

Tgt Ion: 96 Resp: 7934
Ion Ratio Lower Upper
96 100
61 132.6 93.2 173.2
98 56.6 47.0 87.2





#19

1,1-Dichloroethane

Concen: 1.035 ug/L

RT: 3.182 min Scan# 666

Delta R.T. -0.010 min

Lab File: VV022980.D

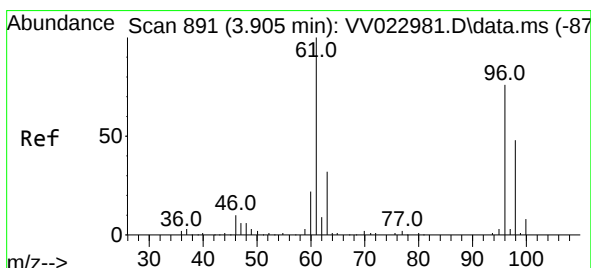
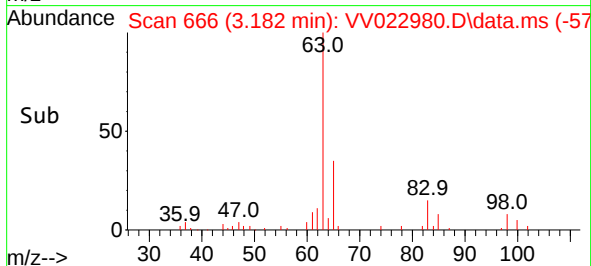
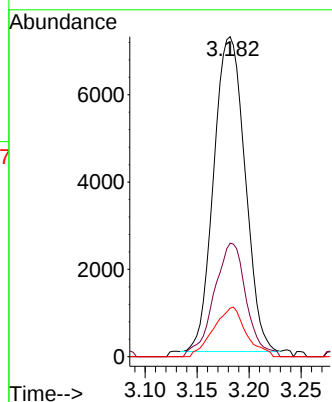
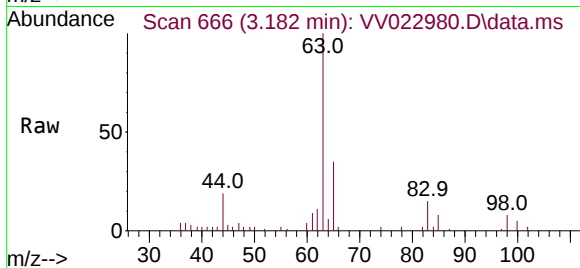
Acq: 22 Oct 2021 10:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 15116
Ion Ratio	Lower Upper
63 100	
65 35.4	22.6 42.0
83 15.1	11.1 20.7



#22

cis-1,2-Dichloroethene

Concen: 0.797 ug/L

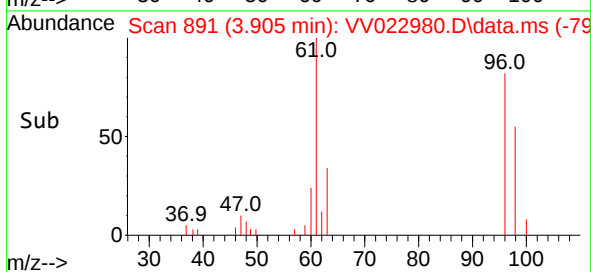
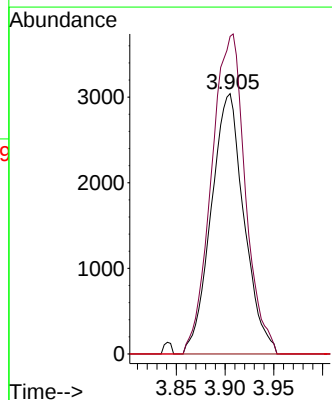
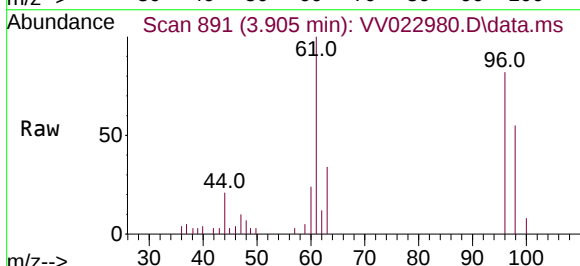
RT: 3.905 min Scan# 891

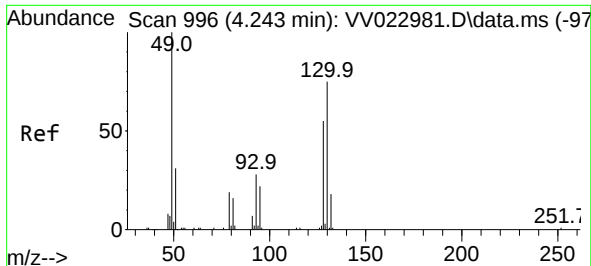
Delta R.T. -0.000 min

Lab File: VV022980.D

Acq: 22 Oct 2021 10:29

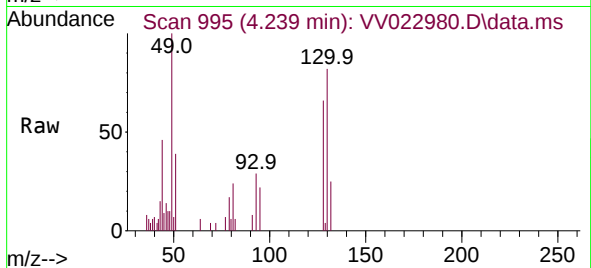
Tgt Ion: 96	Resp: 7147
Ion Ratio	Lower Upper
96 100	
61 122.0	92.3 171.3
68 0.0	0.4 0.8



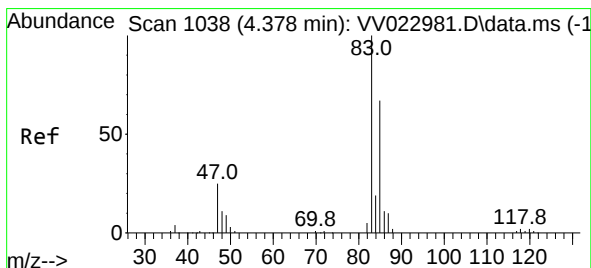
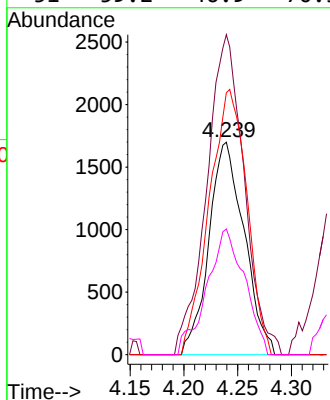
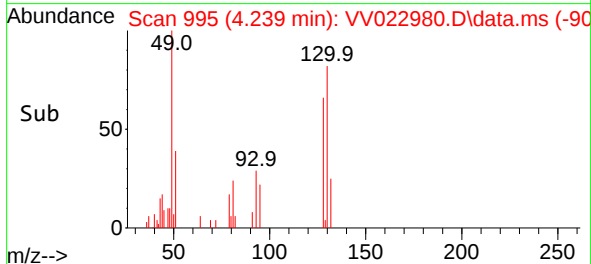


#23
Bromochloromethane
Concen: 0.986 ug/L
RT: 4.239 min Scan# 995
Delta R.T. -0.003 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

Instrument :
MSVOA_V
ClientSampleId :

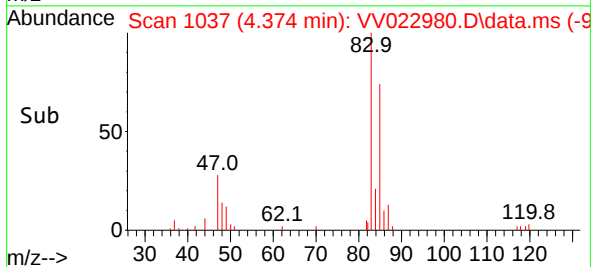
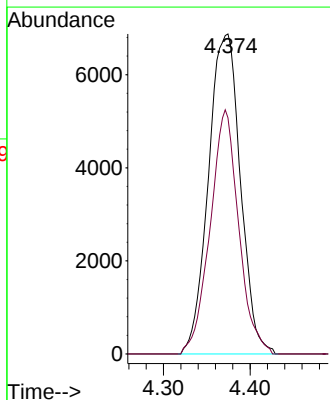
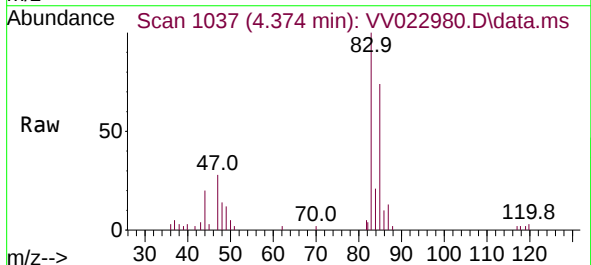


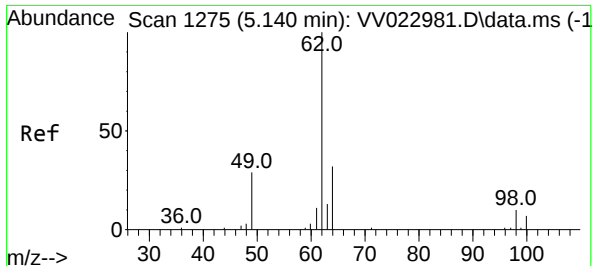
Tgt Ion:	128	Resp:	3881
Ion	Ratio	Lower	Upper
128	100		
49	150.6	126.1	234.3
130	123.3	95.2	176.8
51	59.2	46.9	70.3



#25
Chloroform
Concen: 0.998 ug/L
RT: 4.374 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

Tgt Ion:	83	Resp:	17637
Ion	Ratio	Lower	Upper
83	100		
85	73.8	46.8	86.8





#27

1,2-Dichloroethane

Concen: 1.160 ug/L

RT: 5.133 min Scan# 1105

Delta R.T. -0.007 min

Lab File: VV022980.D

Acq: 22 Oct 2021 10:29

Instrument :

MSVOA_V

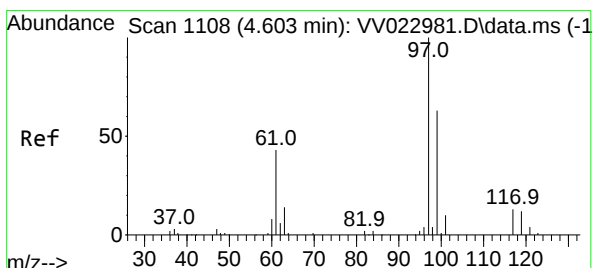
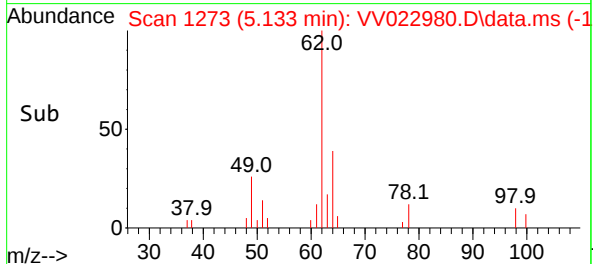
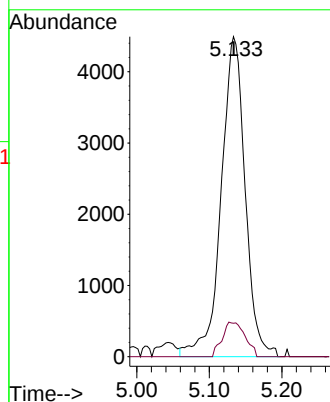
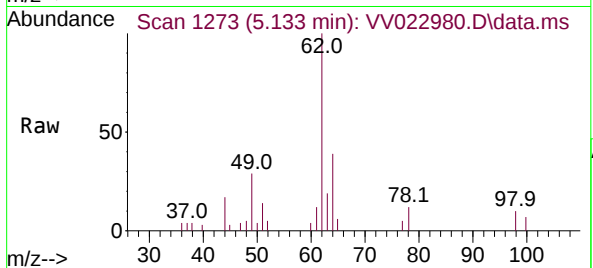
ClientSampleId :

Tgt Ion: 62 Resp: 10317

Ion Ratio Lower Upper

62 100

98 10.5 8.2 12.4



#29

1,1,1-Trichloroethane

Concen: 0.987 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.010 min

Lab File: VV022980.D

Acq: 22 Oct 2021 10:29

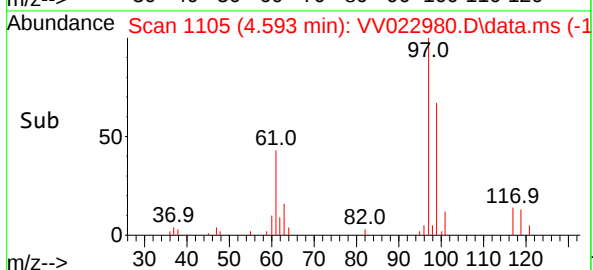
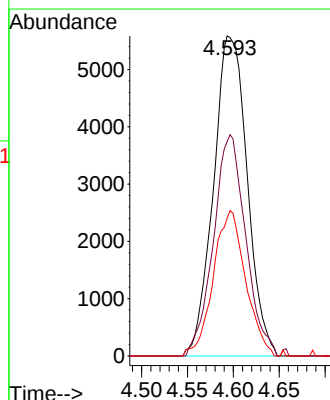
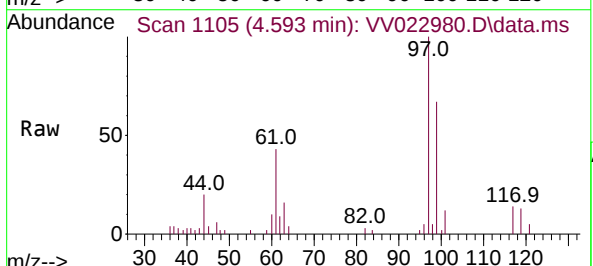
Tgt Ion: 97 Resp: 14303

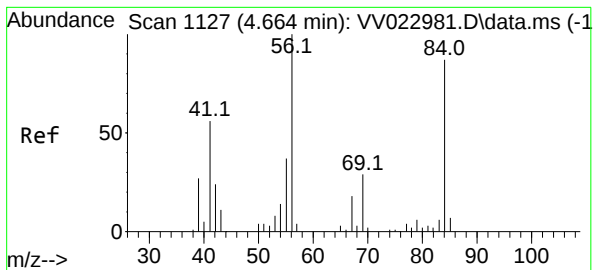
Ion Ratio Lower Upper

97 100

99 66.1 51.0 76.4

61 43.4 34.1 51.1





#30

Cyclohexane

Concen: 0.995 ug/L

RT: 4.657 min Scan# 1125

Delta R.T. -0.007 min

Lab File: VV022980.D

Acq: 22 Oct 2021 10:29

Instrument :

MSVOA_V

ClientSampleId :

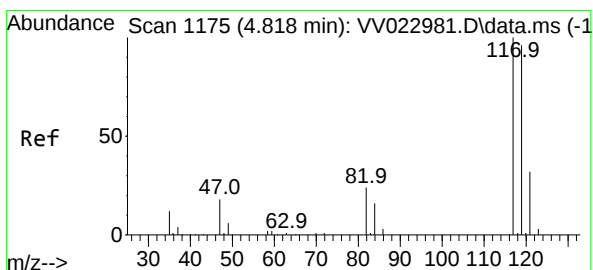
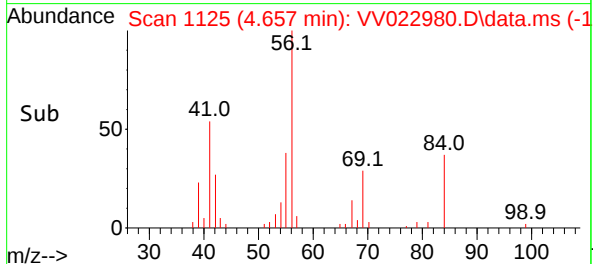
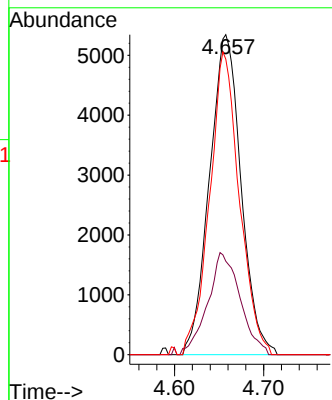
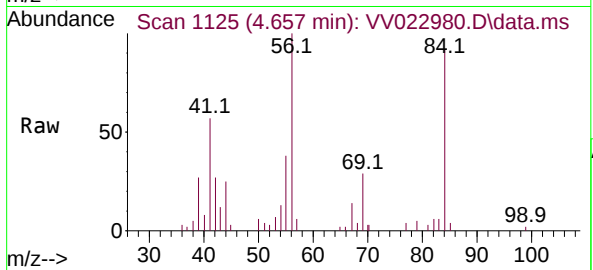
Tgt Ion: 56 Resp: 13163

Ion Ratio Lower Upper

56 100

69 32.8 23.5 35.3

84 89.2 71.6 107.4



#31

Carbon tetrachloride

Concen: 0.964 ug/L

RT: 4.815 min Scan# 1174

Delta R.T. -0.003 min

Lab File: VV022980.D

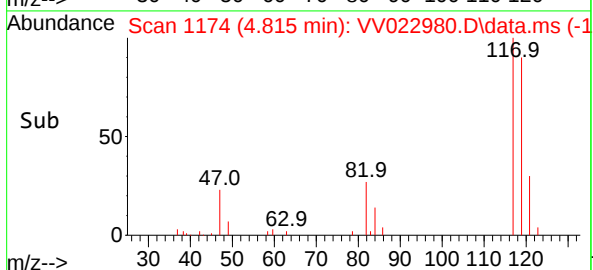
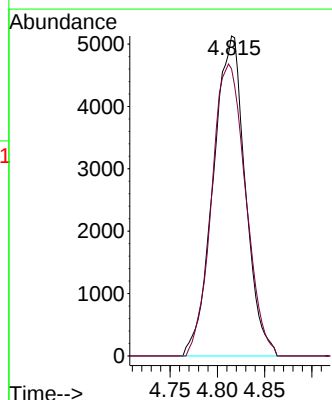
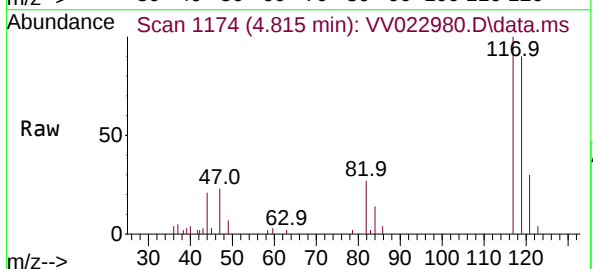
Acq: 22 Oct 2021 10:29

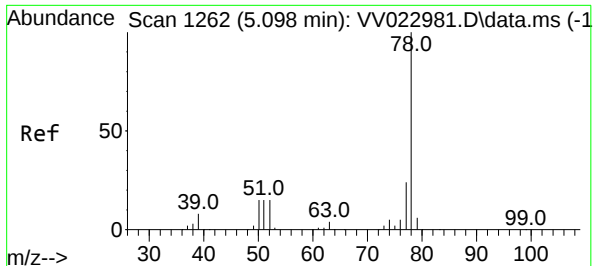
Tgt Ion: 117 Resp: 12082

Ion Ratio Lower Upper

117 100

119 96.5 78.8 118.2

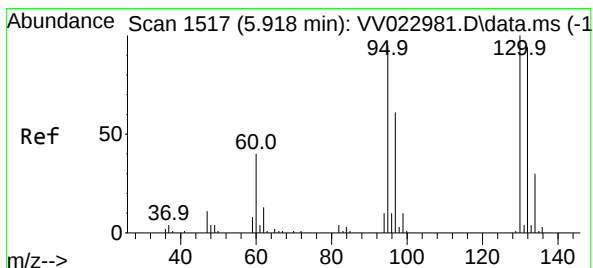
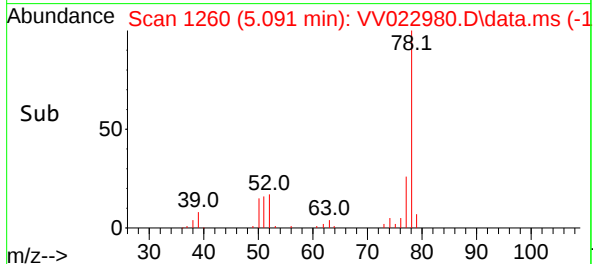
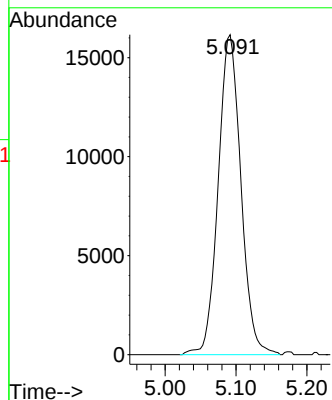
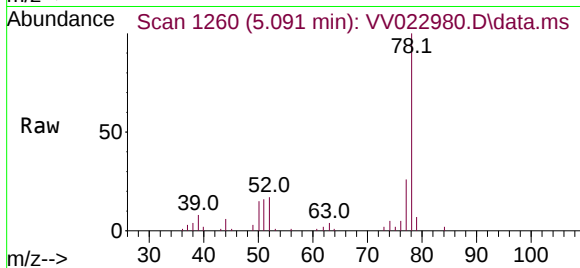




#33
Benzene
Concen: 1.054 ug/L
RT: 5.091 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

Instrument :
MSVOA_V
ClientSampleId :

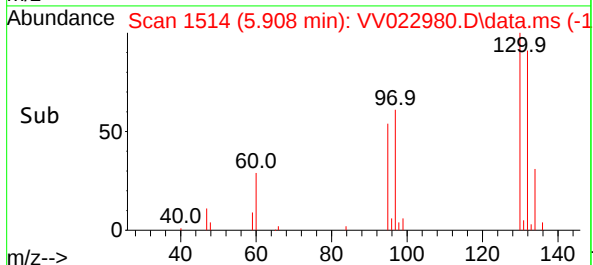
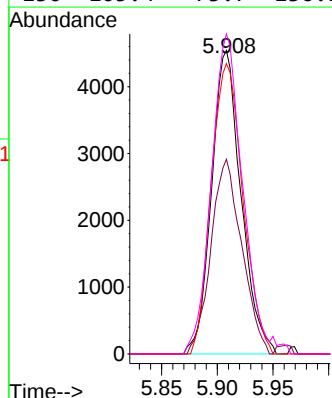
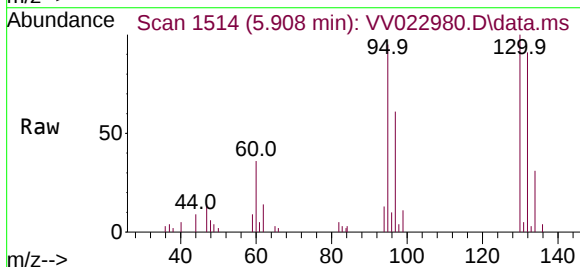
Tgt Ion: 78 Resp: 36003

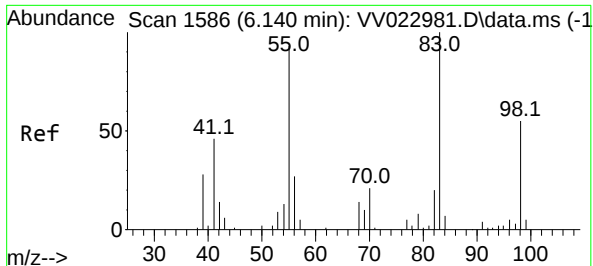


#34
Trichloroethene
Concen: 0.910 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.010 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

Tgt Ion: 95 Resp: 8356

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.0	83.6
132	95.7	69.7	129.4
130	105.4	73.7	136.9

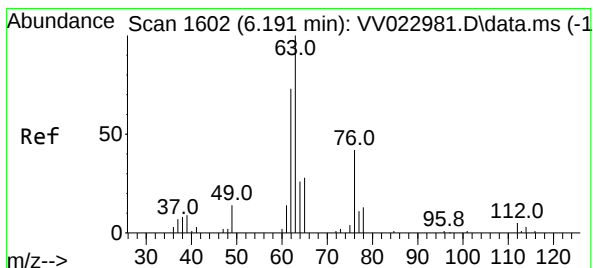
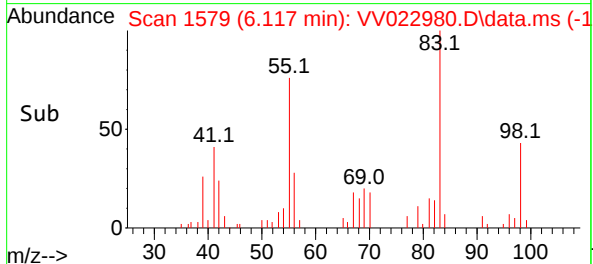
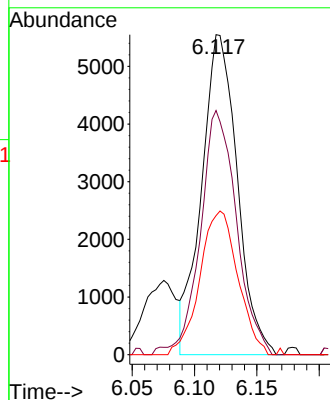
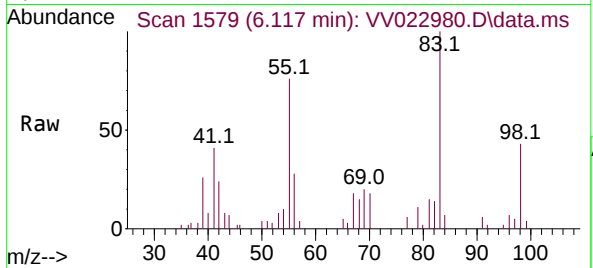




#35
Methylcyclohexane
Concen: 0.858 ug/L
RT: 6.117 min Scan# 11
Delta R.T. -0.023 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

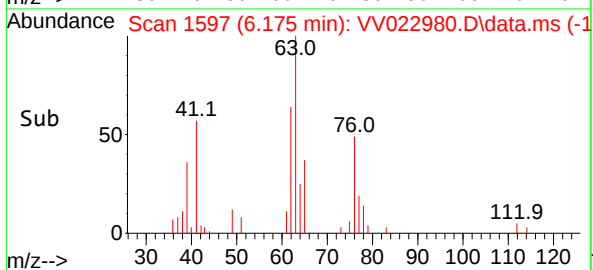
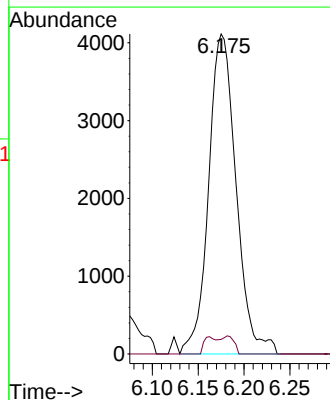
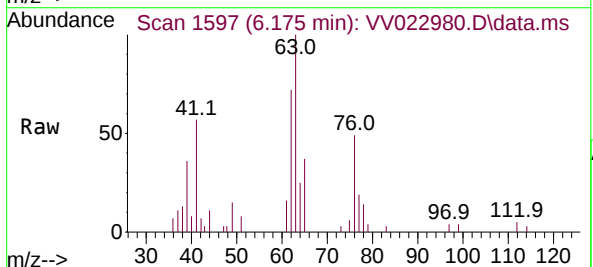
Instrument :
MSVOA_V
ClientSampleId :

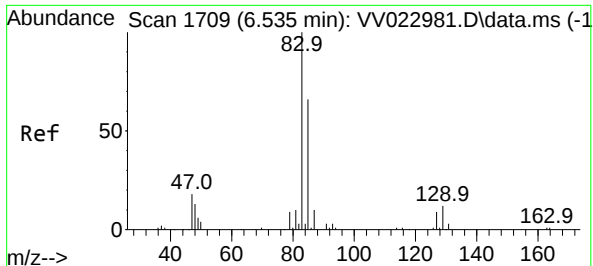
Tgt Ion: 83 Resp: 11069
Ion Ratio Lower Upper
83 100
55 77.1 62.8 94.2
98 47.7 37.9 56.9



#37
1,2-Dichloropropane
Concen: 1.046 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.016 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

Tgt Ion: 63 Resp: 8591
Ion Ratio Lower Upper
63 100
112 2.6 4.6 6.8#





#38

Bromodichloromethane

Concen: 1.062 ug/L

RT: 6.509 min Scan# 1

Delta R.T. -0.026 min

Lab File: VV022980.D

Acq: 22 Oct 2021 10:29

Instrument :

MSVOA_V

ClientSampleId :

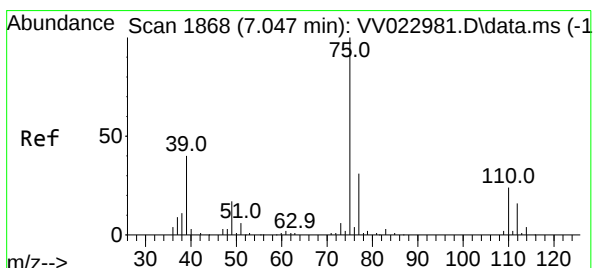
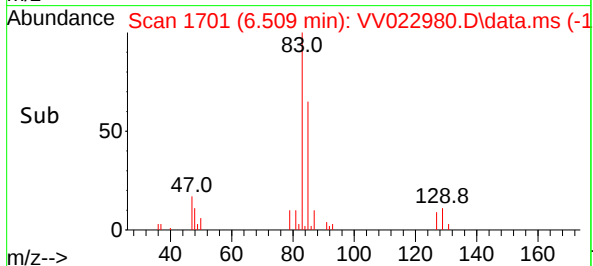
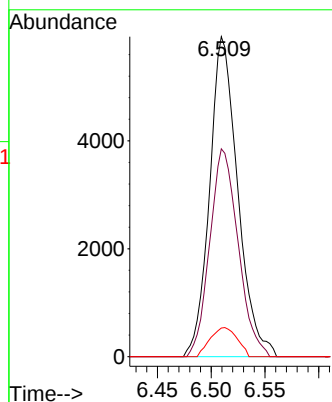
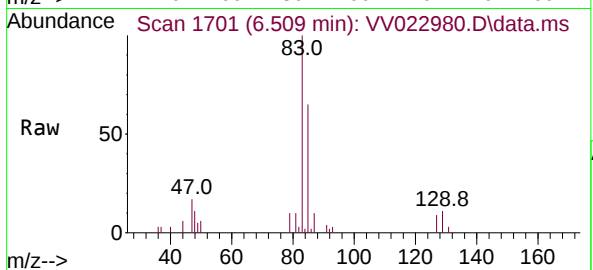
Tgt Ion: 83 Resp: 10793

Ion Ratio Lower Upper

83 100

85 65.0 46.1 85.7

127 9.0 7.2 10.8



#39

cis-1,3-Dichloropropene

Concen: 0.917 ug/L

RT: 7.030 min Scan# 1863

Delta R.T. -0.016 min

Lab File: VV022980.D

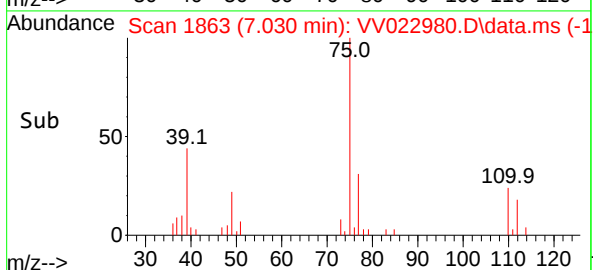
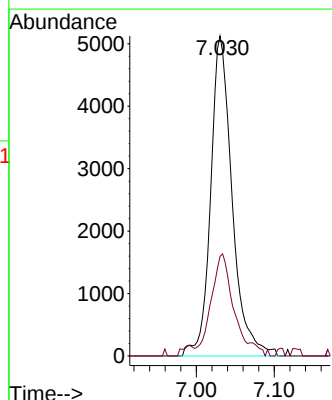
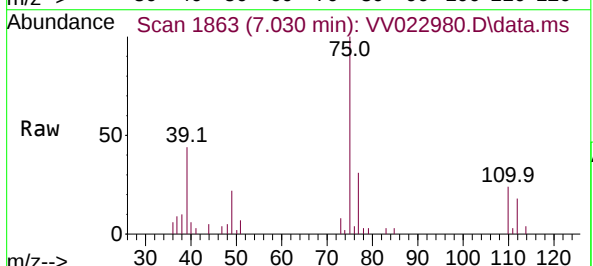
Acq: 22 Oct 2021 10:29

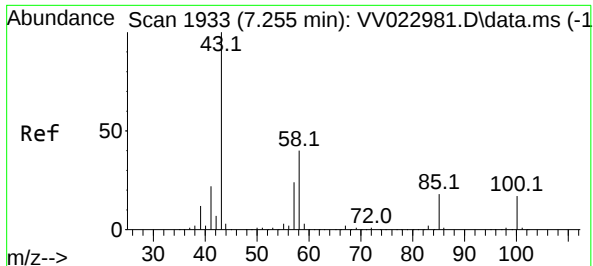
Tgt Ion: 75 Resp: 9852

Ion Ratio Lower Upper

75 100

77 31.1 21.6 40.2





#40

4-Methyl-2-pentanone

Concen: 8.238 ug/L

RT: 7.252 min Scan# 1933

Delta R.T. -0.003 min

Lab File: VV022980.D

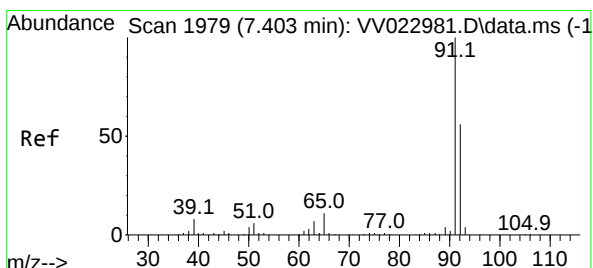
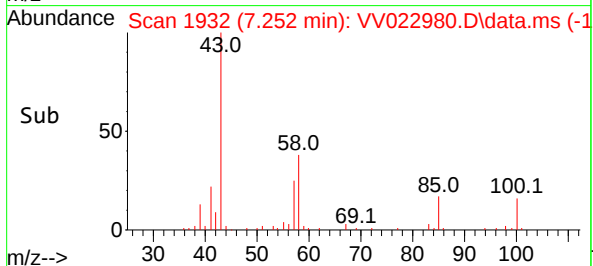
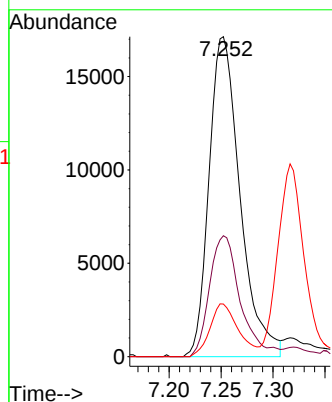
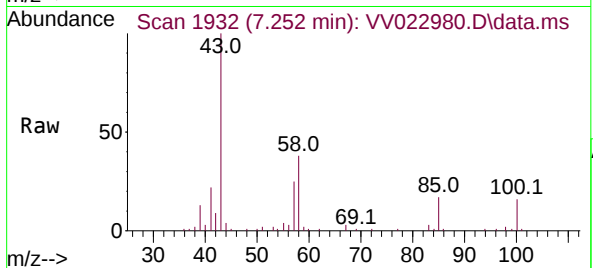
Acq: 22 Oct 2021 10:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	43	Resp:	35576
Ion	Ratio	Lower	Upper
43	100		
58	37.6	31.1	46.7
100	15.0	12.6	19.0



#42

Toluene

Concen: 0.900 ug/L

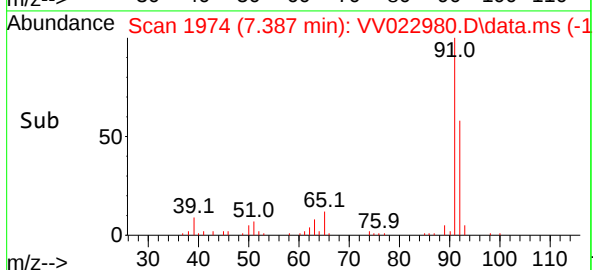
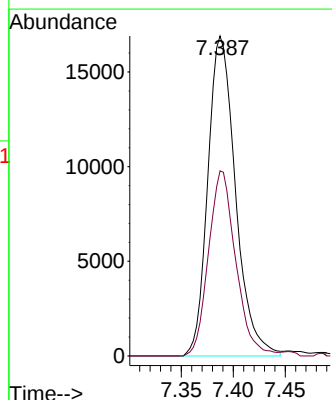
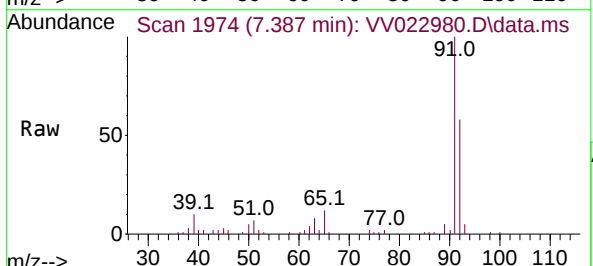
RT: 7.387 min Scan# 1974

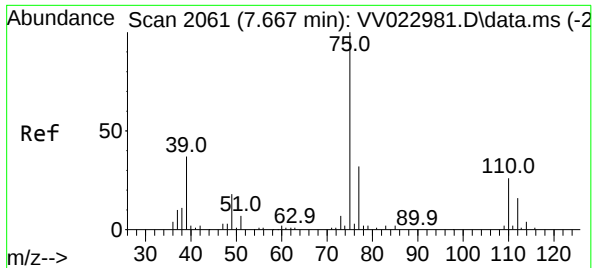
Delta R.T. -0.016 min

Lab File: VV022980.D

Acq: 22 Oct 2021 10:29

Tgt Ion:	91	Resp:	31288
Ion	Ratio	Lower	Upper
91	100		
92	57.8	39.3	72.9

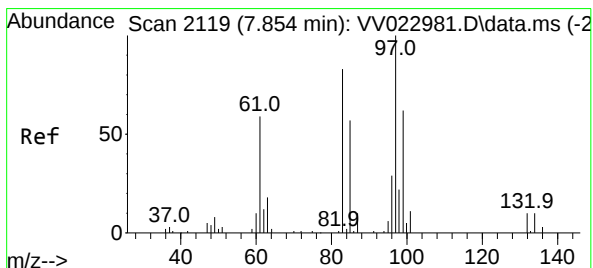
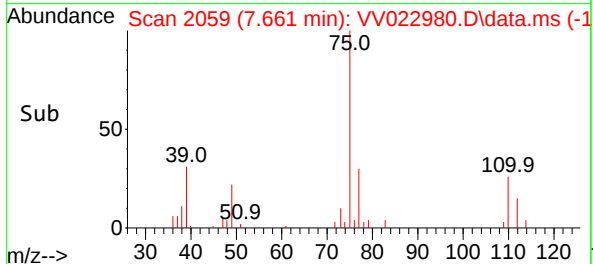
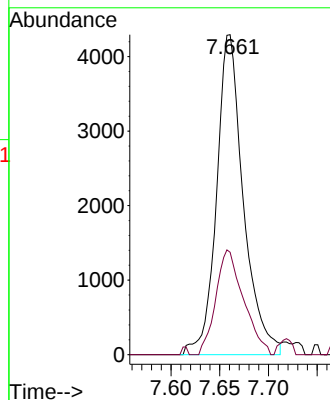
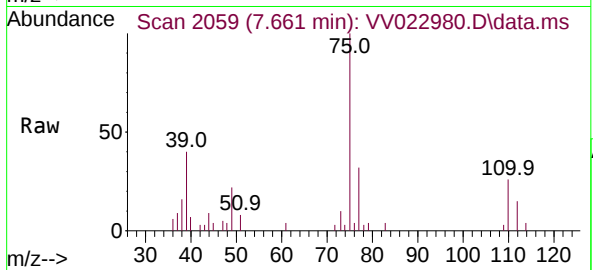




#44
trans-1,3-Dichloropropene
Concen: 0.931 ug/L
RT: 7.661 min Scan# 2061
Delta R.T. -0.007 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

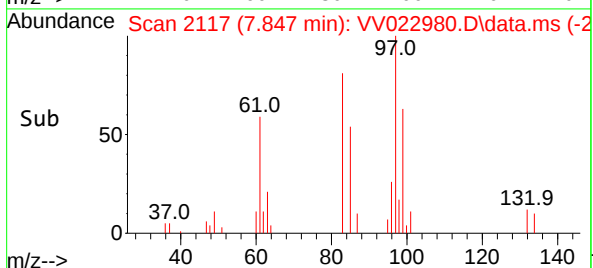
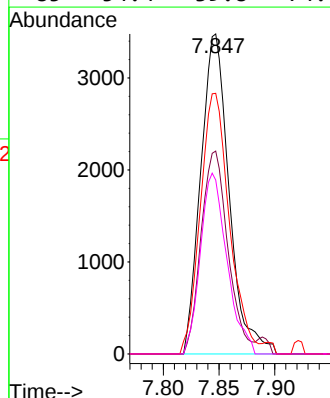
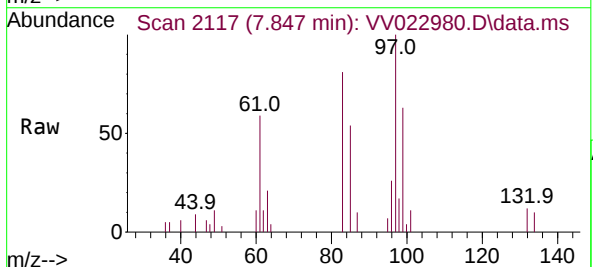
Instrument :
MSVOA_V
ClientSampleId :

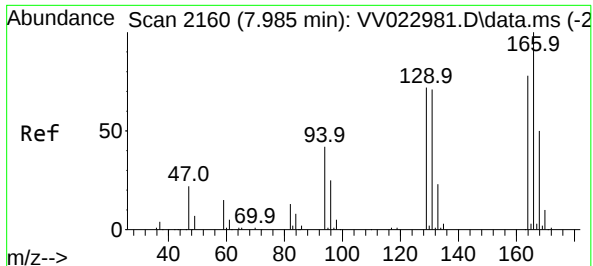
Tgt Ion: 75 Resp: 8224
Ion Ratio Lower Upper
75 100
77 32.0 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 1.019 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. -0.007 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

Tgt Ion: 97 Resp: 6167
Ion Ratio Lower Upper
97 100
99 63.4 43.6 81.0
83 81.4 58.4 108.4
85 54.4 39.8 74.0





#47

Tetrachloroethene

Concen: 0.921 ug/L

RT: 7.972 min Scan# 2160

Delta R.T. -0.013 min

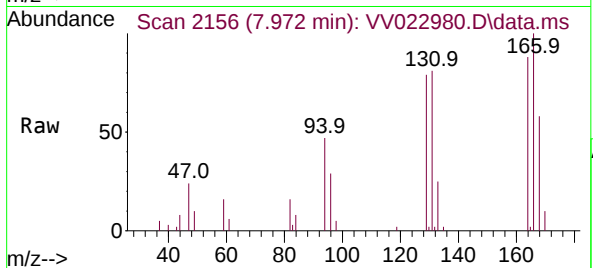
Lab File: VV022980.D

Acq: 22 Oct 2021 10:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 6875

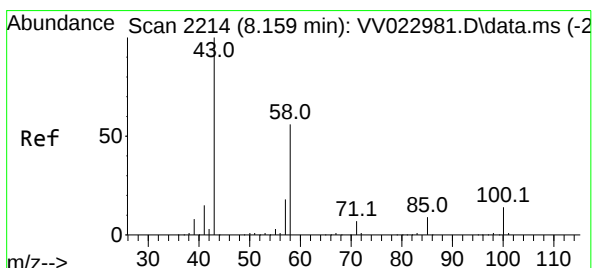
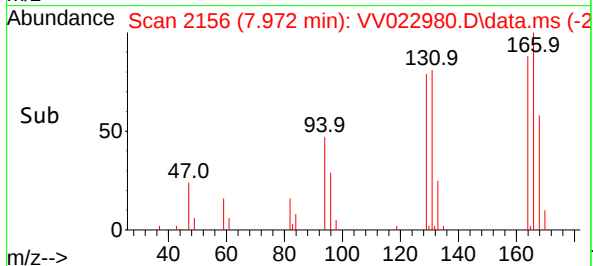
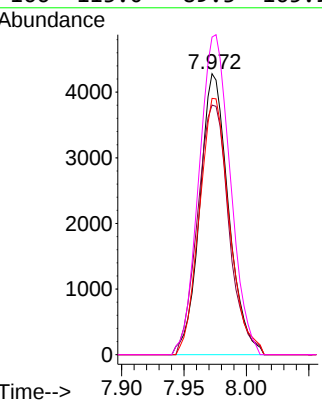
Ion Ratio Lower Upper

164 100

129 88.8 64.0 119.0

131 91.3 63.4 117.8

166 113.0 89.3 165.9



#48

2-Hexanone

Concen: 8.021 ug/L

RT: 8.162 min Scan# 2215

Delta R.T. 0.003 min

Lab File: VV022980.D

Acq: 22 Oct 2021 10:29

Tgt Ion: 43 Resp: 25328

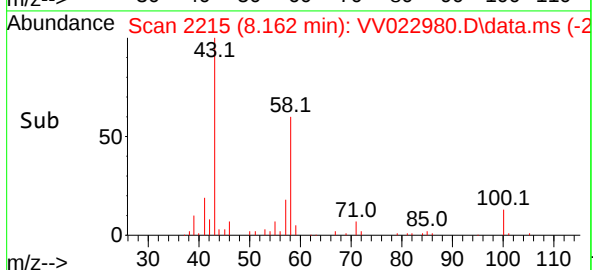
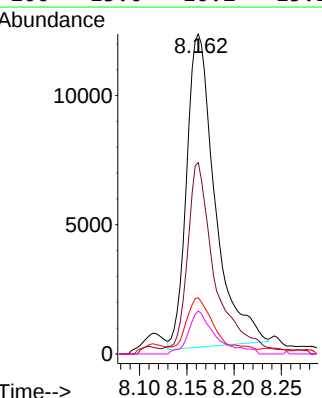
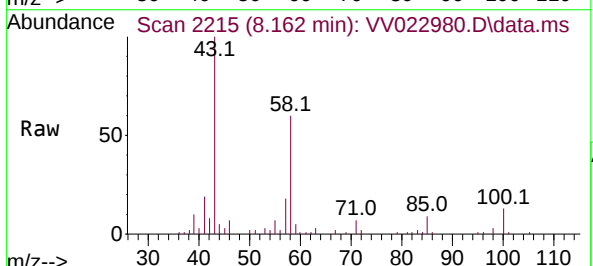
Ion Ratio Lower Upper

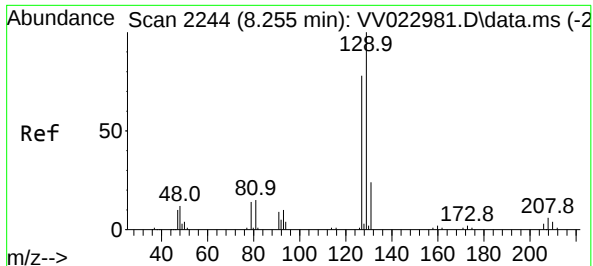
43 100

58 61.0 43.7 65.5

57 19.1 14.1 21.1

100 13.0 10.2 15.2





#49

Dibromochloromethane

Concen: 1.007 ug/L

RT: 8.249 min Scan# 21

Delta R.T. -0.007 min

Lab File: VV022980.D

Acq: 22 Oct 2021 10:29

Instrument :

MSVOA_V

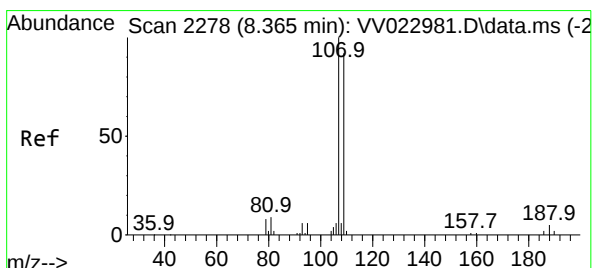
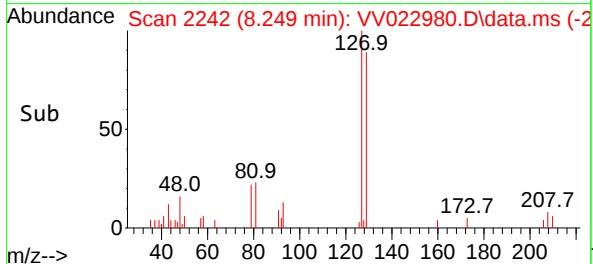
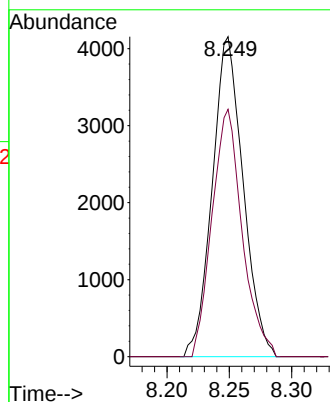
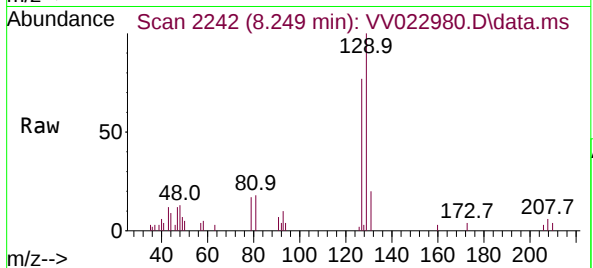
ClientSampleId :

Tgt Ion:129 Resp: 7155

Ion Ratio Lower Upper

129 100

127 77.3 54.7 101.7



#50

1,2-Dibromoethane

Concen: 0.952 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. -0.010 min

Lab File: VV022980.D

Acq: 22 Oct 2021 10:29

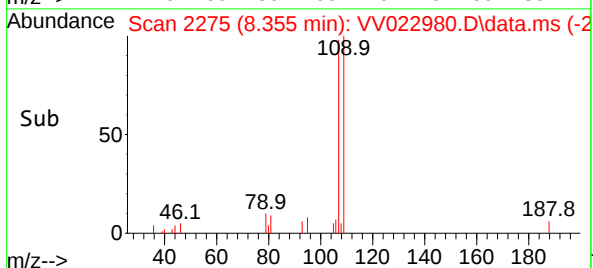
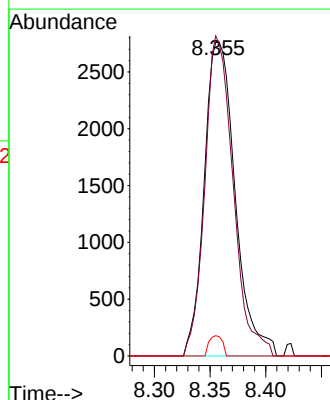
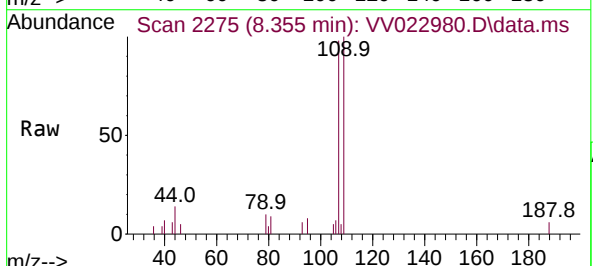
Tgt Ion:107 Resp: 5336

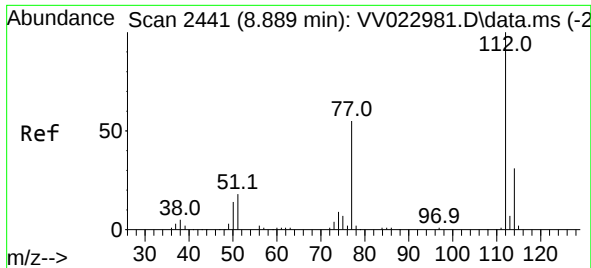
Ion Ratio Lower Upper

107 100

109 102.0 64.7 120.1

188 6.5 3.6 5.4#

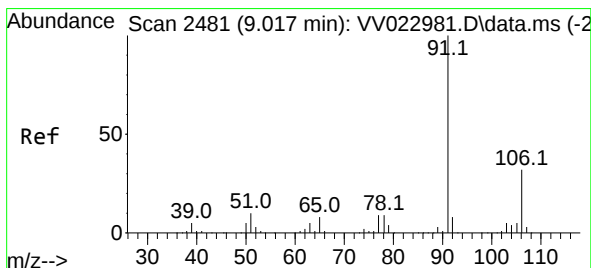
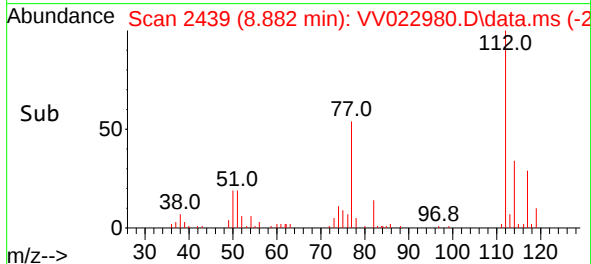
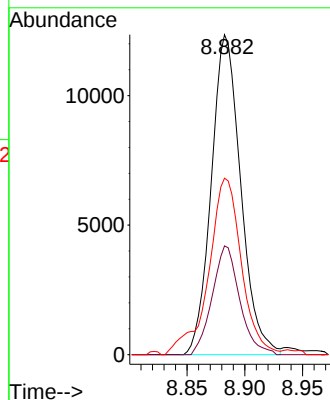
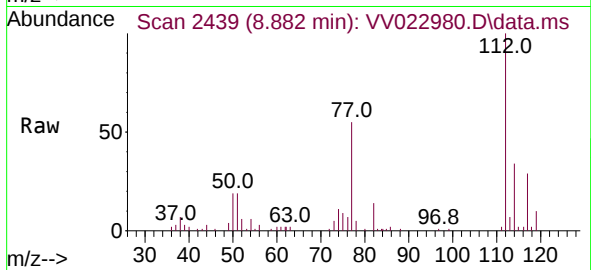




#51
Chlorobenzene
Concen: 0.968 ug/L
RT: 8.882 min Scan# 2441
Delta R.T. -0.007 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

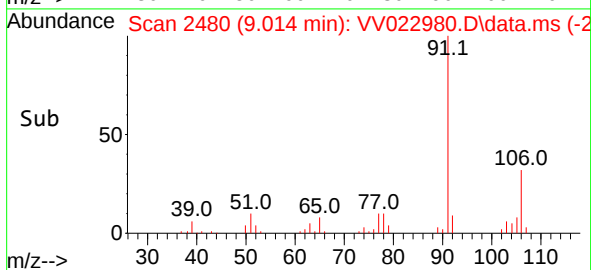
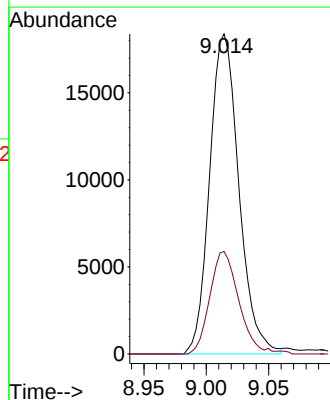
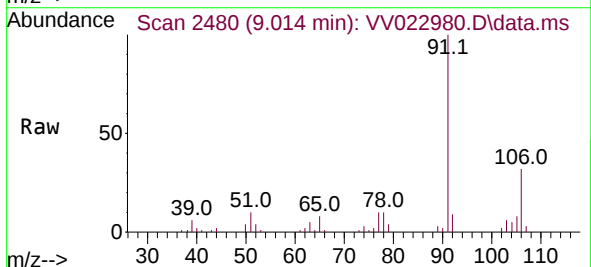
Instrument :
MSVOA_V
ClientSampleId :

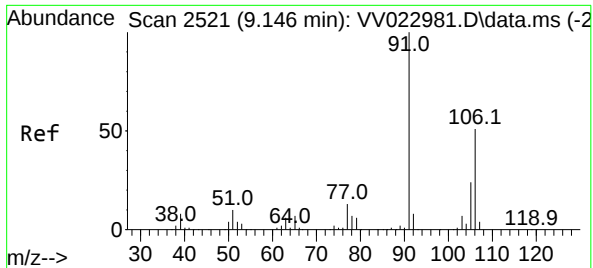
Tgt Ion:112 Resp: 21938
Ion Ratio Lower Upper
112 100
114 34.0 22.0 40.8
77 55.1 44.4 66.6



#52
Ethylbenzene
Concen: 0.863 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.003 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

Tgt Ion: 91 Resp: 30028
Ion Ratio Lower Upper
91 100
106 32.0 22.5 41.9

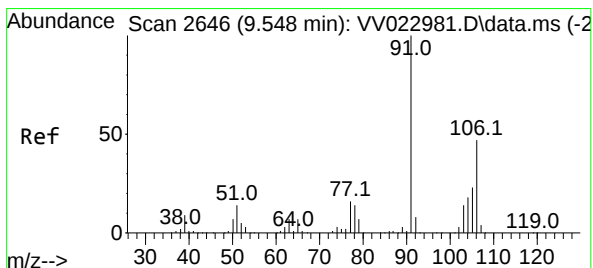
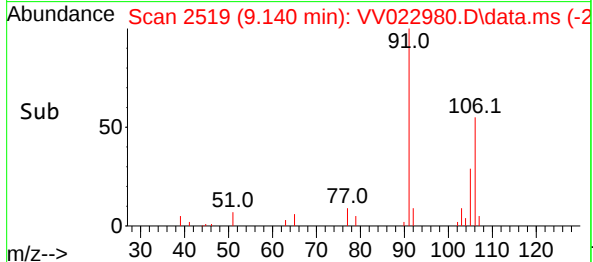
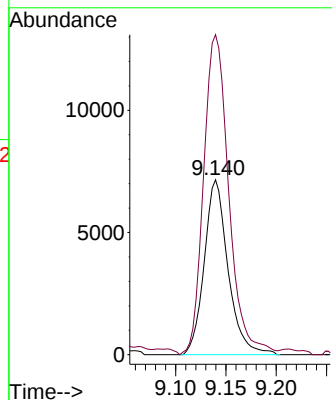
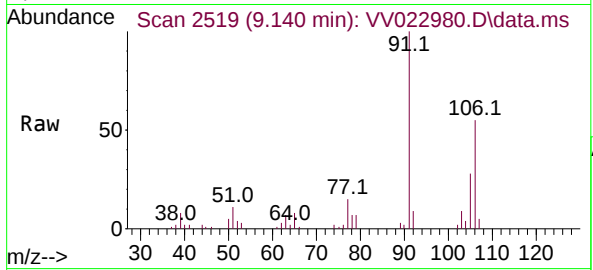




#53
m,p-xylene
Concen: 0.856 ug/L
RT: 9.140 min Scan# 21
Delta R.T. -0.007 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

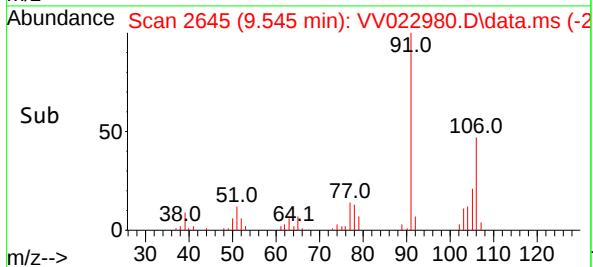
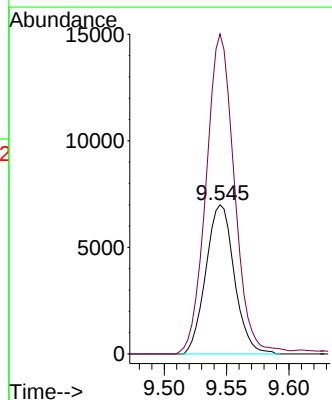
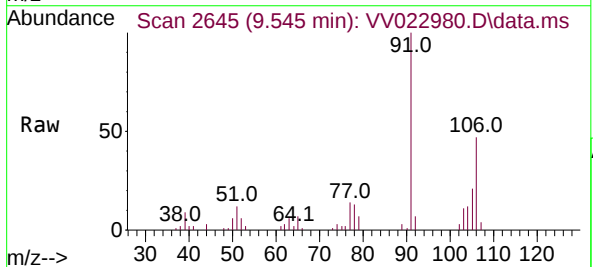
Instrument :
MSVOA_V
ClientSampleId :

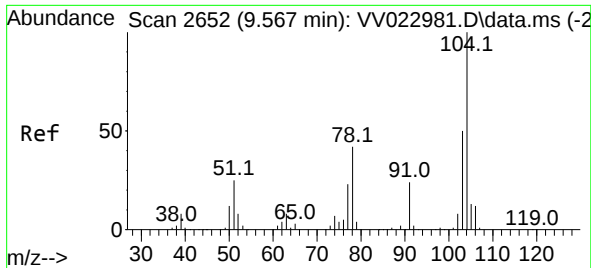
Tgt Ion:106 Resp: 11792
Ion Ratio Lower Upper
106 100
91 183.0 137.2 254.8



#54
o-xylene
Concen: 0.866 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.003 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

Tgt Ion:106 Resp: 11129
Ion Ratio Lower Upper
106 100
91 214.5 148.3 275.5

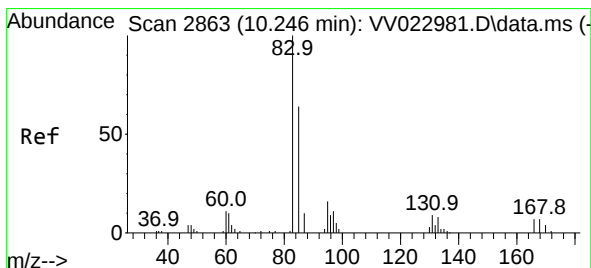
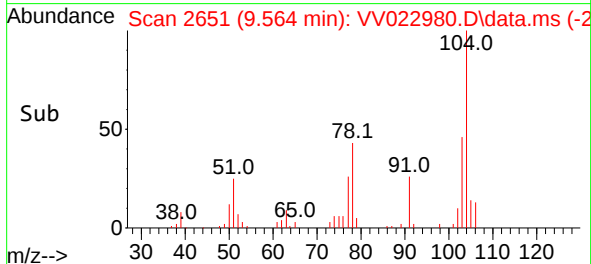
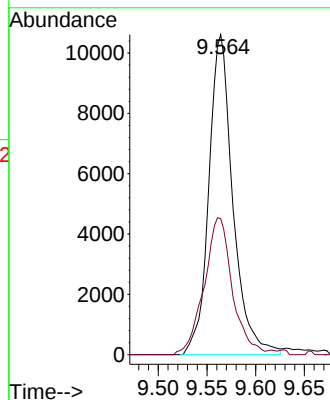
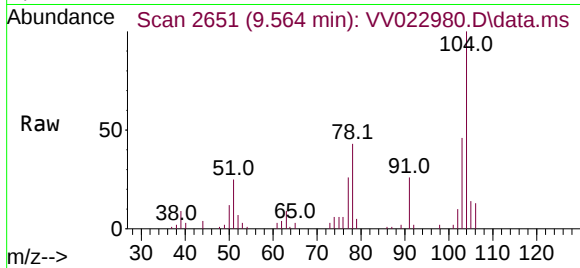




#55
Styrene
Concen: 0.823 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.003 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

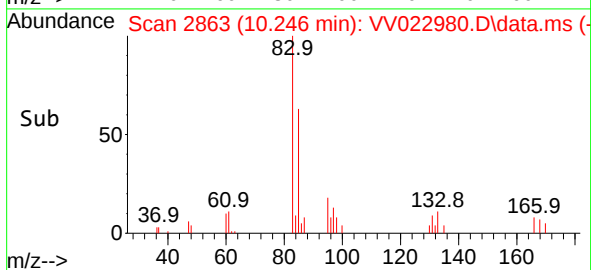
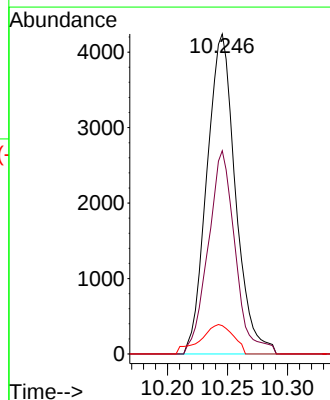
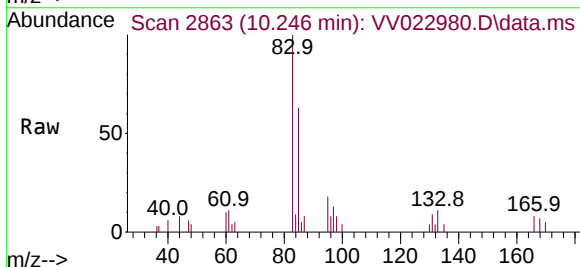
Instrument :
MSVOA_V
ClientSampleId :

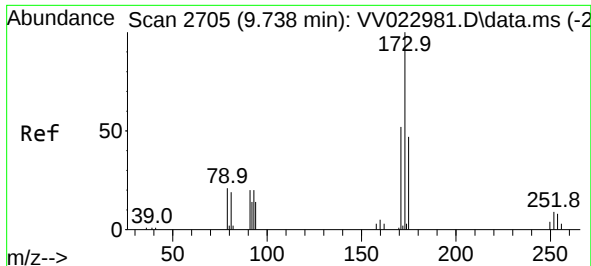
Tgt Ion:104 Resp: 18250
Ion Ratio Lower Upper
104 100
78 42.5 29.3 54.3



#57
1,1,2,2-Tetrachloroethane
Concen: 1.133 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

Tgt Ion: 83 Resp: 7017
Ion Ratio Lower Upper
83 100
85 63.5 45.1 83.9
131 8.8 7.8 11.6

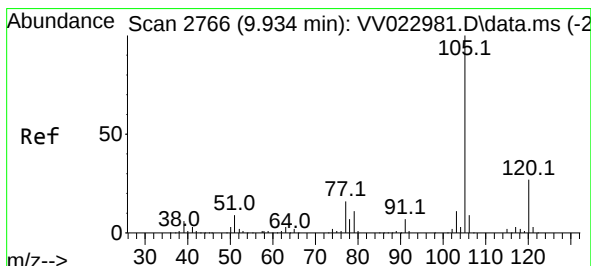
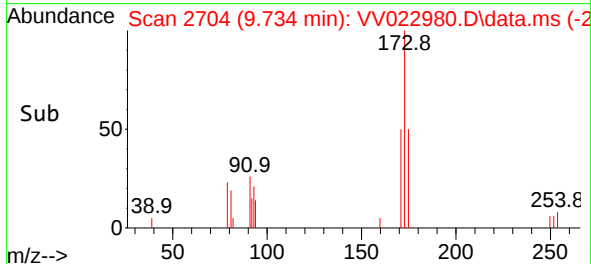
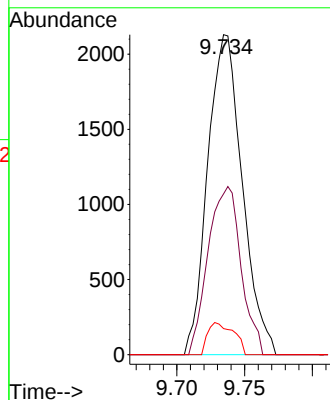
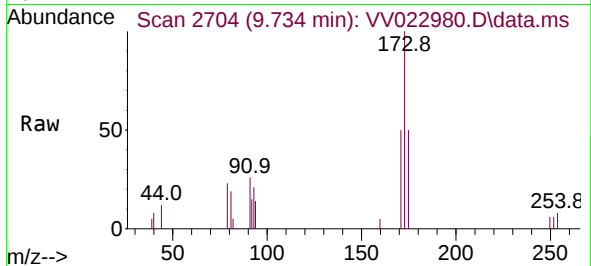




#59
Bromoform
Concen: 1.069 ug/L
RT: 9.734 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

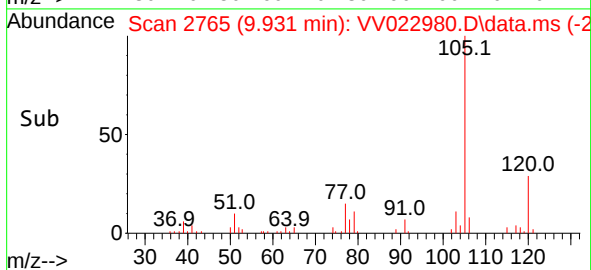
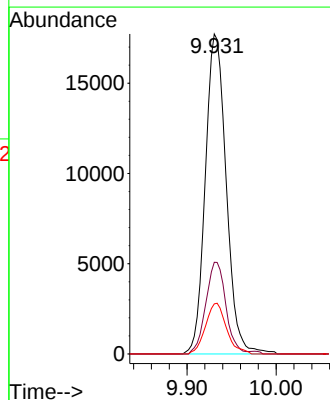
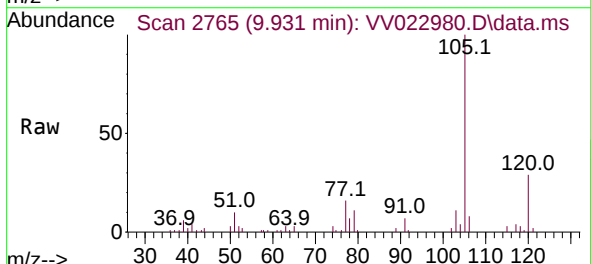
Instrument :
MSVOA_V
ClientSampleId :

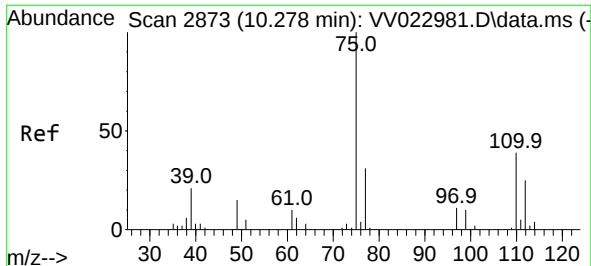
Tgt Ion:173 Resp: 3774
Ion Ratio Lower Upper
173 100
175 50.0 38.2 57.2
254 7.5 6.2 9.2



#60
Isopropylbenzene
Concen: 0.902 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

Tgt Ion:105 Resp: 28860
Ion Ratio Lower Upper
105 100
120 27.5 21.7 32.5
77 15.9 12.6 19.0

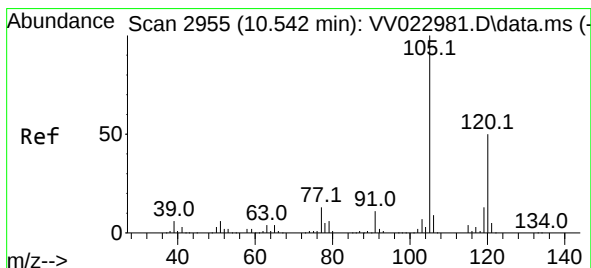
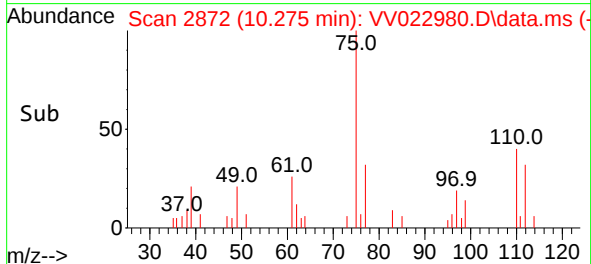
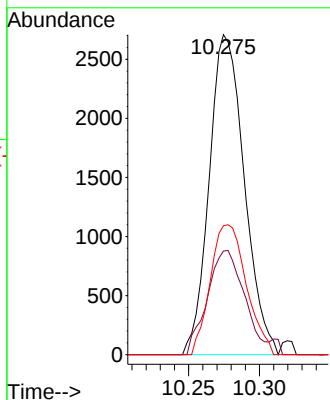
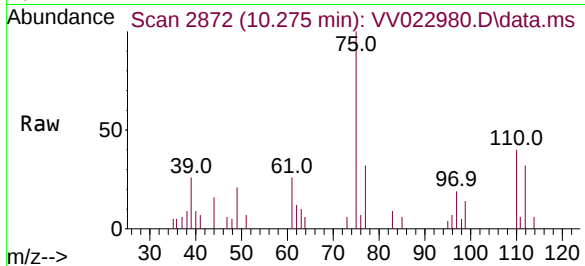




#61
 1,2,3-Trichloropropane
 Concen: 1.073 ug/L
 RT: 10.275 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV022980.D
 Acq: 22 Oct 2021 10:29

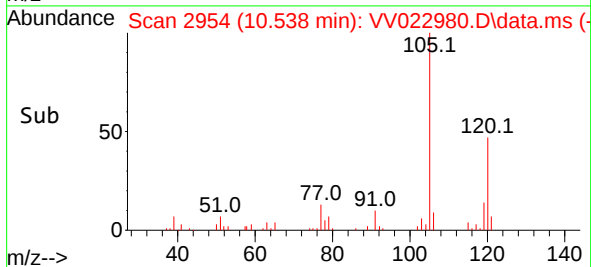
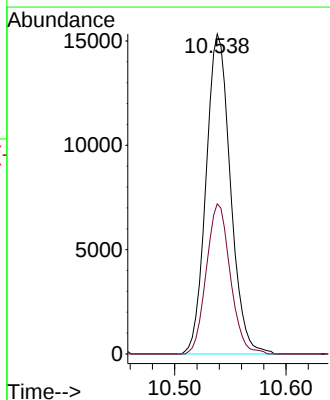
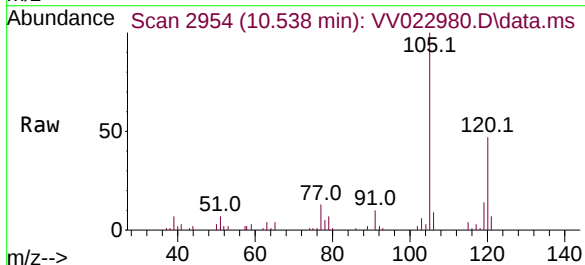
Instrument :
 MSVOA_V
 ClientSampleId :

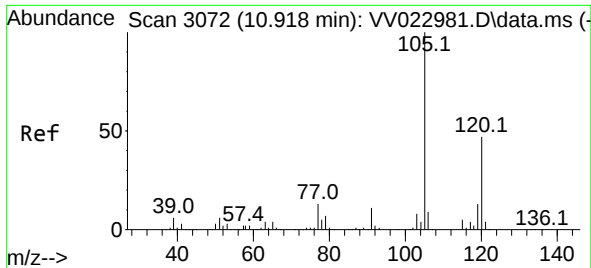
Tgt Ion: 75 Resp: 4666
 Ion Ratio Lower Upper
 75 100
 77 34.6 26.6 39.8
 110 41.7 31.8 47.6



#62
 1,3,5-Trimethylbenzene
 Concen: 0.913 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.003 min
 Lab File: VV022980.D
 Acq: 22 Oct 2021 10:29

Tgt Ion: 105 Resp: 23377
 Ion Ratio Lower Upper
 105 100
 120 46.0 39.7 59.5

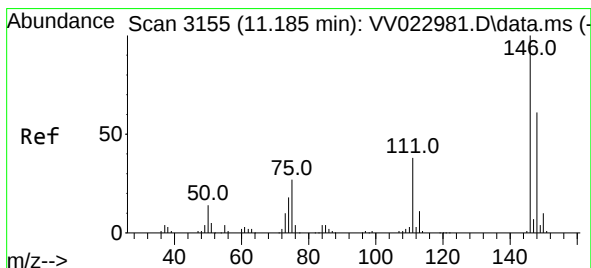
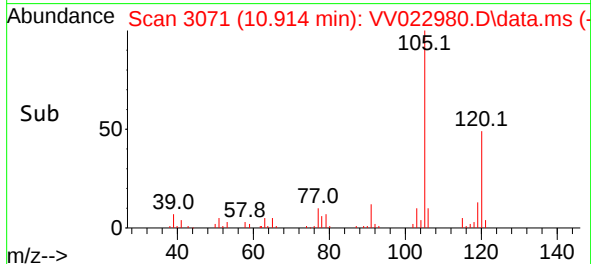
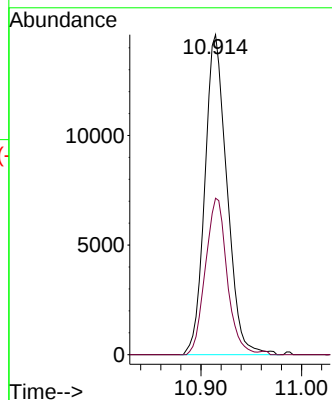
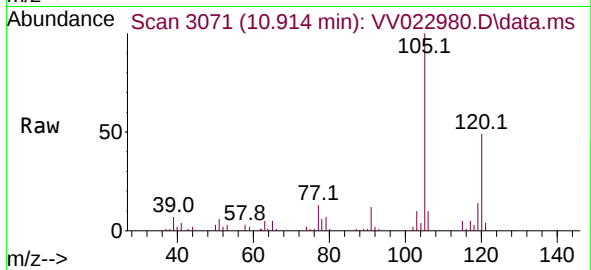




#63
1,2,4-Trimethylbenzene
Concen: 0.867 ug/L
RT: 10.914 min Scan# 3072
Delta R.T. -0.003 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

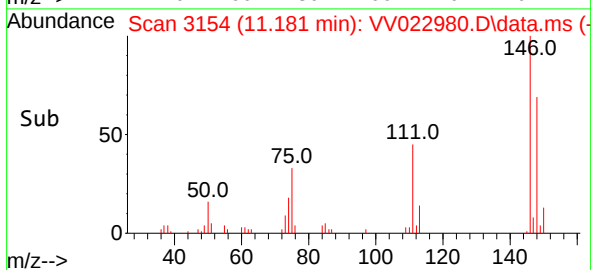
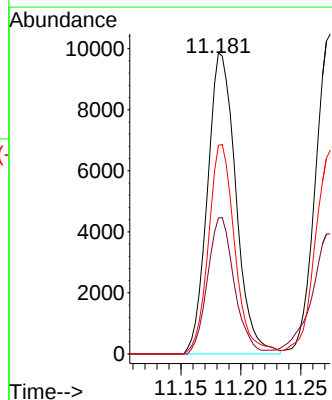
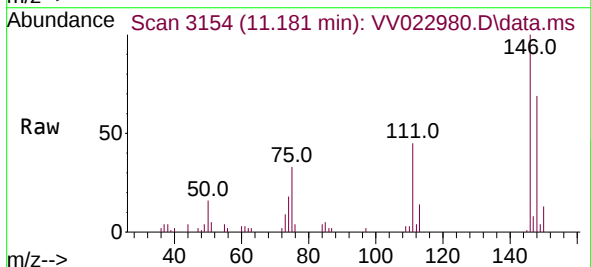
Instrument :
MSVOA_V
ClientSampleId :

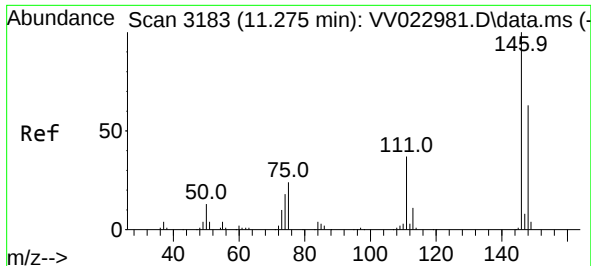
Tgt Ion:105 Resp: 22252
Ion Ratio Lower Upper
105 100
120 48.0 37.4 56.2



#64
1,3-Dichlorobenzene
Concen: 0.967 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.003 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

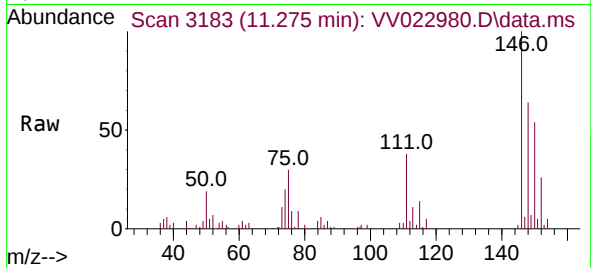
Tgt Ion:146 Resp: 16223
Ion Ratio Lower Upper
146 100
111 45.2 26.7 49.7
148 69.3 42.9 79.7



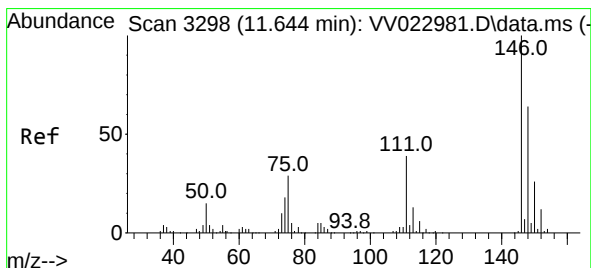
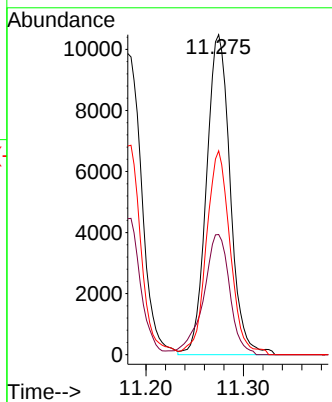
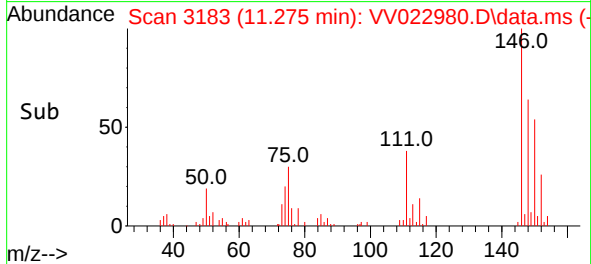


#65
1,4-Dichlorobenzene
Concen: 1.043 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29

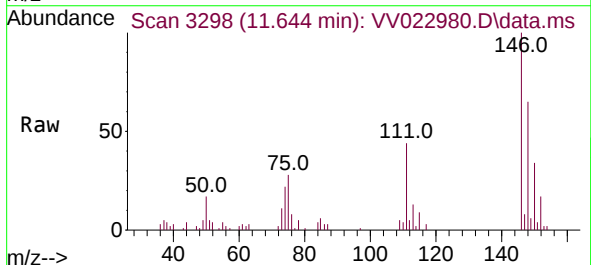
Instrument :
MSVOA_V
ClientSampleId :



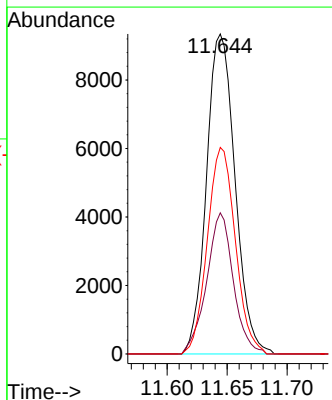
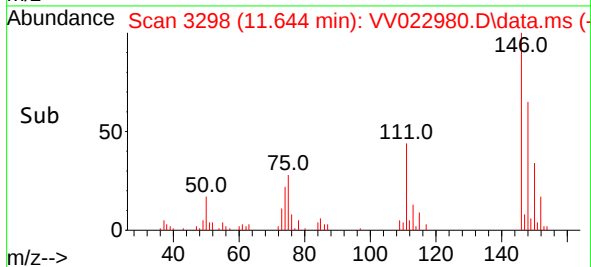
Tgt Ion:146 Resp: 17712
Ion Ratio Lower Upper
146 100
111 37.6 26.2 48.8
148 63.7 44.4 82.5

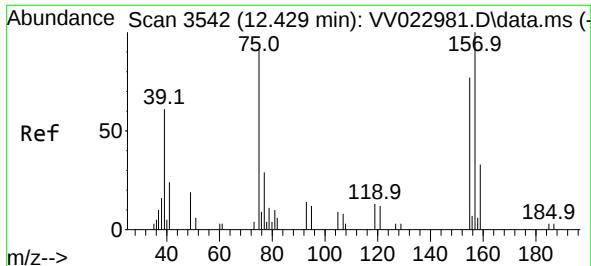


#67
1,2-Dichlorobenzene
Concen: 0.987 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022980.D
Acq: 22 Oct 2021 10:29



Tgt Ion:146 Resp: 15487
Ion Ratio Lower Upper
146 100
111 44.1 31.6 47.4
148 64.6 51.0 76.6

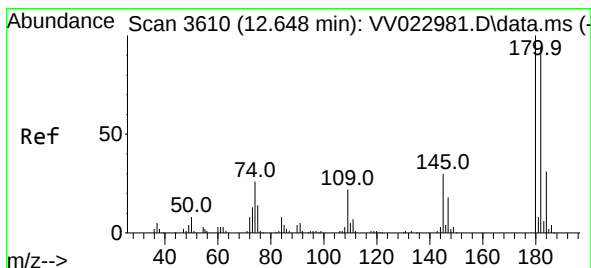
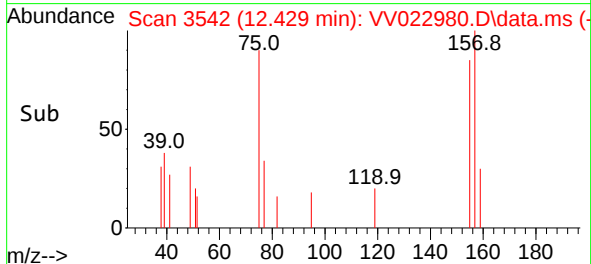
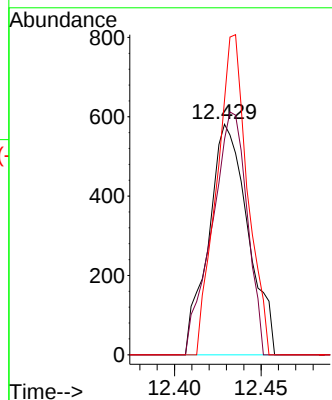
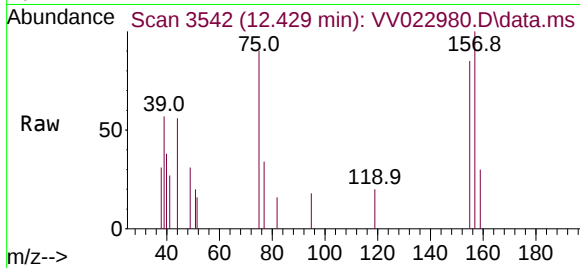




#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.132 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. -0.000 min
 Lab File: VV022980.D
 Acq: 22 Oct 2021 10:29

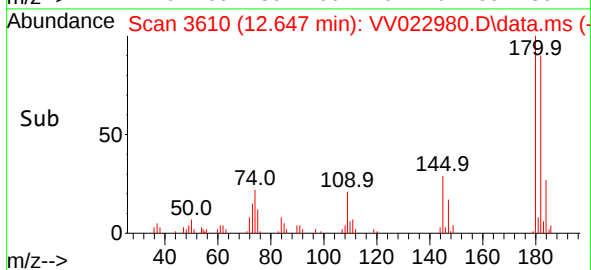
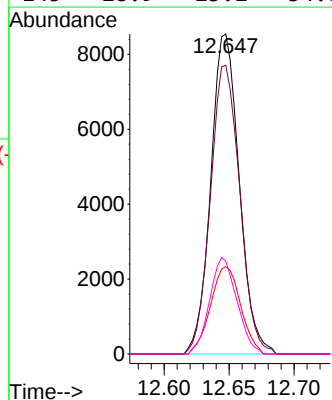
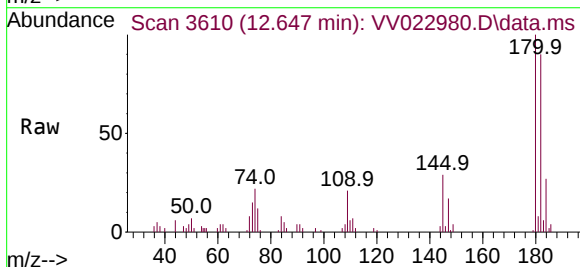
Instrument :
 MSVOA_V
 ClientSampleId :

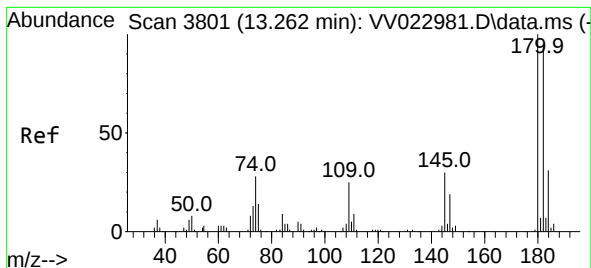
Tgt Ion: 75	Resp:	921
Ion	Ratio	Lower Upper
75	100	
155	93.5	67.7 101.5
157	110.5	87.9 131.9



#69
 1,3,5-Trichlorobenzene
 Concen: 1.028 ug/L
 RT: 12.647 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VV022980.D
 Acq: 22 Oct 2021 10:29

Tgt Ion: 180	Resp:	12992
Ion	Ratio	Lower Upper
180	100	
182	92.9	74.9 112.3
184	28.9	23.8 35.8
145	28.9	23.2 34.8





#70

1,2,4-trichlorobenzene

Concen: 0.994 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

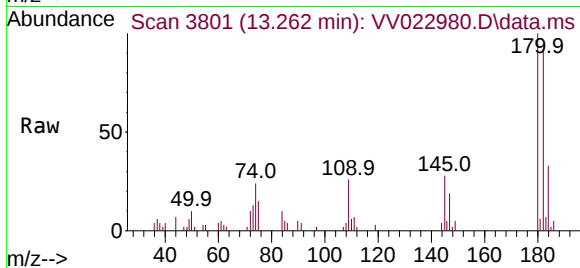
Lab File: VV022980.D

Acq: 22 Oct 2021 10:29

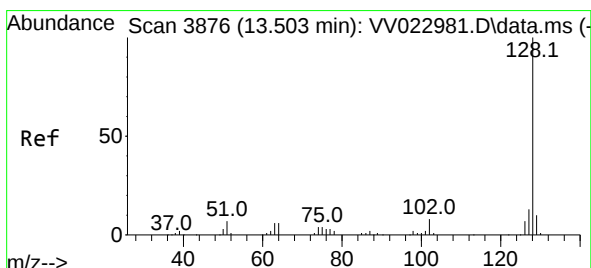
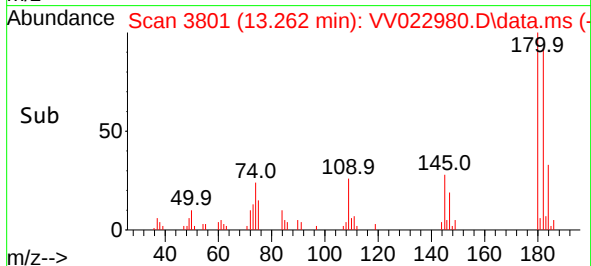
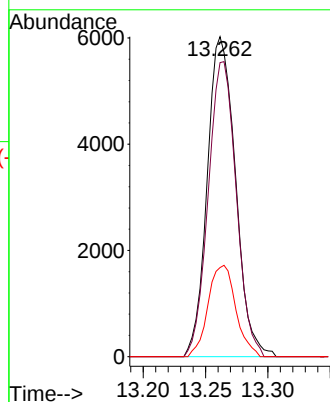
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	180	Resp:	9502
Ion Ratio	Lower	Upper	
180	100		
182	91.2	76.9	115.3
145	28.0	24.4	36.6



#71

Naphthalene

Concen: 0.831 ug/L

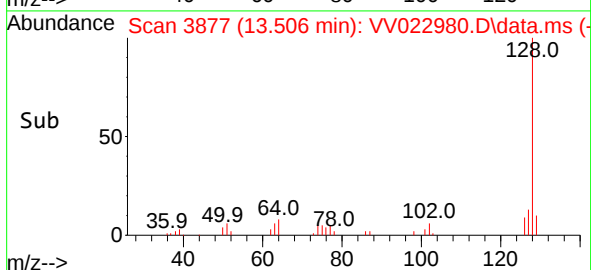
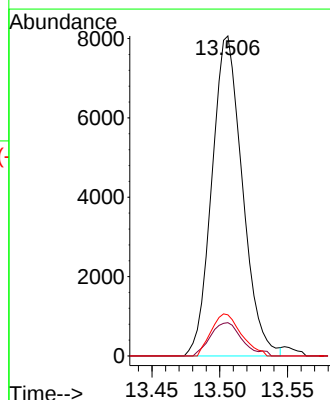
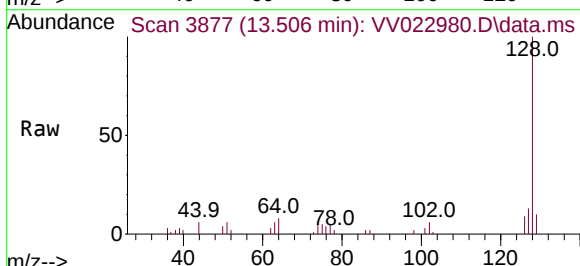
RT: 13.506 min Scan# 3877

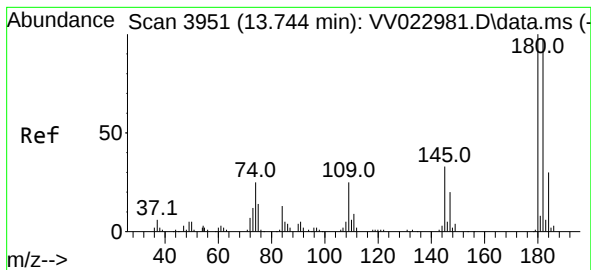
Delta R.T. 0.003 min

Lab File: VV022980.D

Acq: 22 Oct 2021 10:29

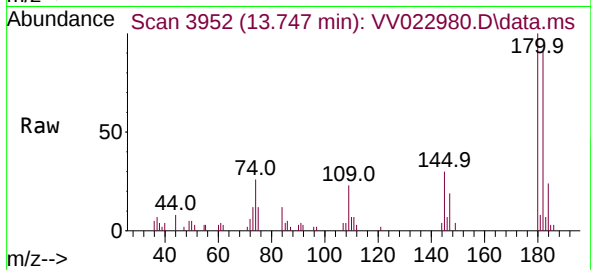
Tgt Ion:	128	Resp:	12626
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.6	13.0
127	12.9	10.5	15.7





#72
 1,2,3-Trichlorobenzene
 Concen: 0.937 ug/L
 RT: 13.747 min Scan# 3951
 Delta R.T. 0.003 min
 Lab File: VV022980.D
 Acq: 22 Oct 2021 10:29

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	8432
Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.7	115.1
145	29.2	25.7	38.5

