

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022981.D
 Acq On : 22 Oct 2021 10:59
 Operator : SY/MD
 Sample : VSTD00543
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 00:41:35 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	5.622	114	133679	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	132765	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	72375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	63702	6.421	ug/L	0.00
7) Chloroethane-d5	1.577	69	37990	4.662	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.121	63	89406	4.957	ug/L	0.00
20) 2-Butanone-d5	3.960	46	124518	52.319	ug/L	0.00
24) Chloroform-d	4.349	84	101722	5.292	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.043	65	48765	5.255	ug/L	0.00
32) Benzene-d6	5.050	84	210204	5.207	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.085	67	63285	5.300	ug/L	0.00
41) Toluene-d8	7.329	98	199661	5.681	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.638	79	22601	5.646	ug/L	0.00
46) 2-Hexanone-d5	8.108	63	83862	53.601	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	44046	5.493	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	68001	5.036	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	43610	4.589	ug/L	100
3) Chloromethane	1.230	50	45583	4.725	ug/L	100
5) Vinyl chloride	1.304	62	47890	4.784	ug/L	100
6) Bromomethane	1.526	94	23766	3.966	ug/L	100
8) Chloroethane	1.593	64	24219	4.046	ug/L	100
9) Trichlorofluoromethane	1.764	101	64834	4.540	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	37656	4.491	ug/L	100
12) 1,1-Dichloroethene	2.130	96	34515	4.389	ug/L	100
13) Acetone	2.262	43	58300	45.854	ug/L	100
14) Carbon disulfide	2.301	76	95728	4.361	ug/L	100
15) Methyl Acetate	2.465	43	9805	2.825	ug/L	100
16) Methylene chloride	2.516	84	29475	2.819	ug/L	100
17) Methyl tert-butyl Ether	2.793	73	69570	3.812	ug/L	100
18) trans-1,2-Dichloroethene	2.764	96	30639	3.704	ug/L	100
19) 1,1-Dichloroethane	3.191	63	56991	3.819	ug/L	100
21) 2-Butanone	4.053	43	109717	50.757	ug/L	100
22) cis-1,2-Dichloroethene	3.905	96	45729	4.994	ug/L	100
23) Bromochloromethane	4.243	128	19131	4.755	ug/L	100
25) Chloroform	4.378	83	88375	4.895	ug/L	100
27) 1,2-Dichloroethane	5.140	62	46959	5.169	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	76084	5.002	ug/L	100
30) Cyclohexane	4.664	56	64574	4.653	ug/L	100
31) Carbon tetrachloride	4.818	117	65960	5.014	ug/L	100
33) Benzene	5.098	78	180868	5.044	ug/L	100
34) Trichloroethene	5.918	95	45495	4.718	ug/L	100
35) Methylcyclohexane	6.140	83	65088	4.806	ug/L	100
37) 1,2-Dichloropropane	6.191	63	44662	5.181	ug/L	100
38) Bromodichloromethane	6.535	83	55808	5.232	ug/L	100
39) cis-1,3-Dichloropropene	7.047	75	56279	4.989	ug/L	100
40) 4-Methyl-2-pentanone	7.255	43	230316	50.817	ug/L	100
42) Toluene	7.403	91	195935	5.371	ug/L	100
44) trans-1,3-Dichloropropene	7.667	75	48198	5.199	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
 Data File : VV022981.D
 Acq On : 22 Oct 2021 10:59
 Operator : SY/MD
 Sample : VSTD00543
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

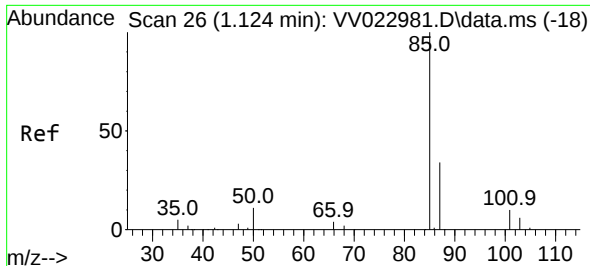
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 00:41:35 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)

45) 1,1,2-Trichloroethane	7.854	97	32552	5.122	ug/L	100
47) Tetrachloroethene	7.985	164	39151	4.997	ug/L	100
48) 2-Hexanone	8.159	43	176095	53.136	ug/L	100
49) Dibromochloromethane	8.255	129	38715	5.194	ug/L	100
50) 1,2-Dibromoethane	8.365	107	29179	4.961	ug/L	100
51) Chlorobenzene	8.889	112	120414	5.060	ug/L	100
52) Ethylbenzene	9.017	91	182909	5.010	ug/L	100
53) m,p-xylene	9.146	106	75588	5.226	ug/L	100
54) o-xylene	9.548	106	68291	5.061	ug/L	100
55) Styrene	9.567	104	125817	5.403	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	35718	5.496	ug/L	100
59) Bromoform	9.738	173	20734	5.114	ug/L	100
60) Isopropylbenzene	9.934	105	185920	5.061	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	25600	5.127	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	142674	4.852	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	148429	5.036	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	98369	5.110	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	97636	5.007	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	90271	5.011	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	4940	5.288	ug/L	100
69) 1,3,5-Trichlorobenzene	12.648	180	72341	4.987	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	52623	4.794	ug/L	100
71) Naphthalene	13.503	128	78358	4.495	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	50176	4.855	ug/L	100

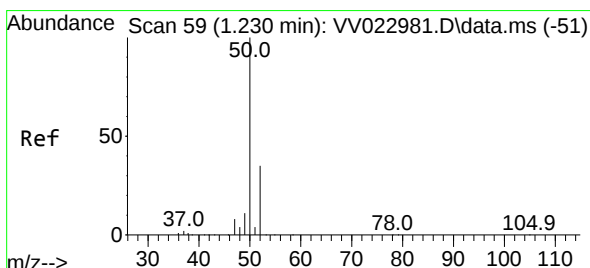
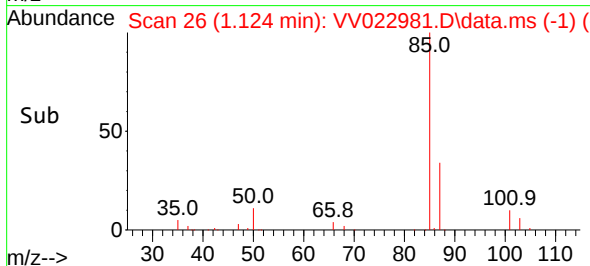
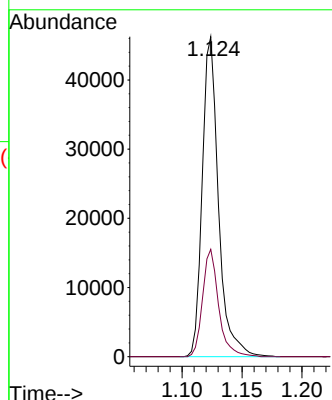
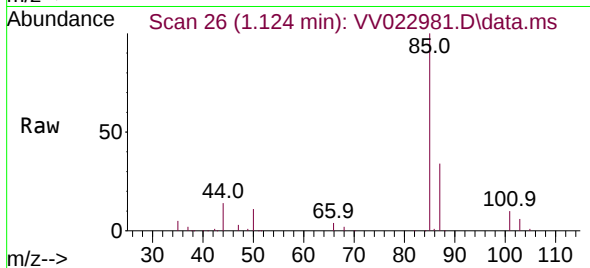
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.589 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV022981.D
 Acq: 22 Oct 2021 10:59

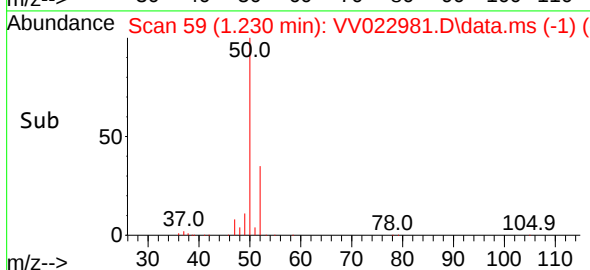
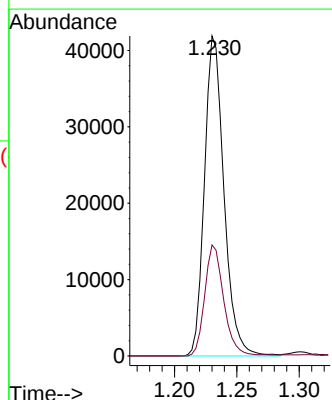
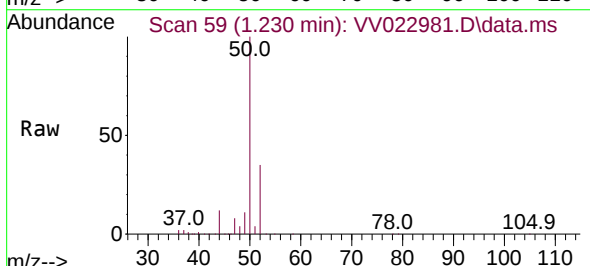
Instrument :
 MSVOA_V
 ClientSampleId :

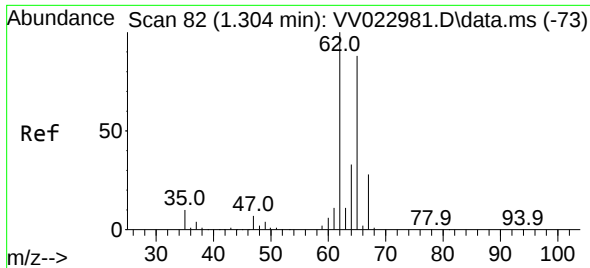
Tgt Ion: 85 Resp: 43610
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.6 39.8



#3
 Chloromethane
 Concen: 4.725 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VV022981.D
 Acq: 22 Oct 2021 10:59

Tgt Ion: 50 Resp: 45583
 Ion Ratio Lower Upper
 50 100
 52 34.7 24.3 45.1

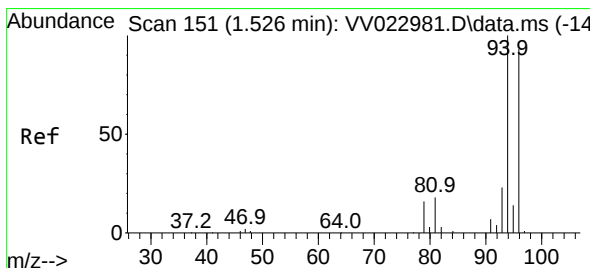
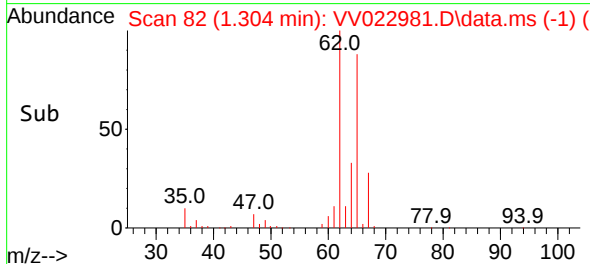
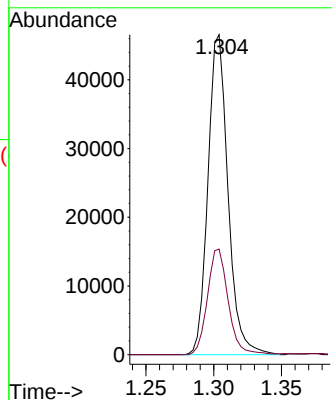
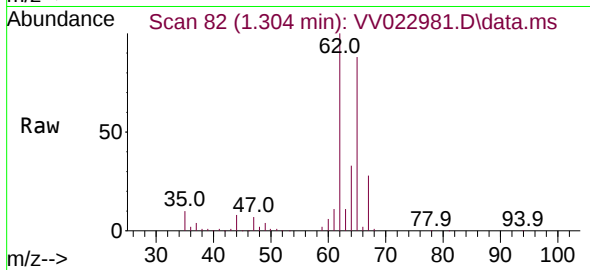




#5
 Vinyl chloride
 Concen: 4.784 ug/L
 RT: 1.304 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VV022981.D
 Acq: 22 Oct 2021 10:59

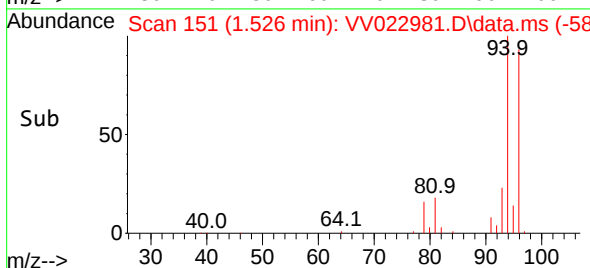
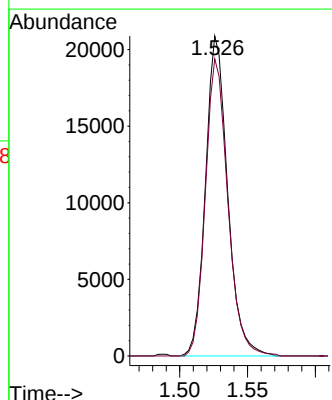
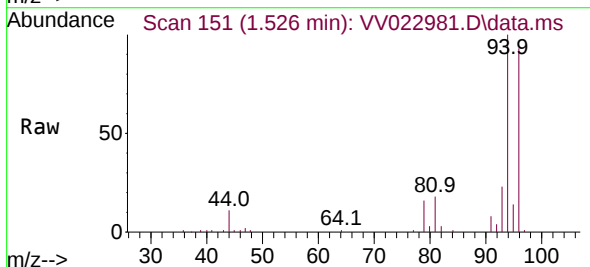
Instrument :
 MSVOA_V
 ClientSampleId :

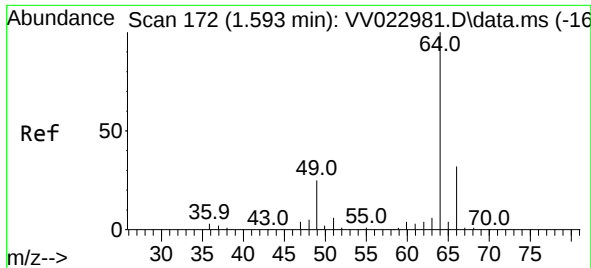
Tgt Ion: 62 Resp: 47890
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#6
 Bromomethane
 Concen: 3.966 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV022981.D
 Acq: 22 Oct 2021 10:59

Tgt Ion: 94 Resp: 23766
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.0 120.8

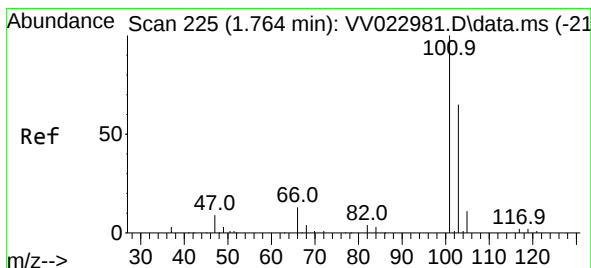
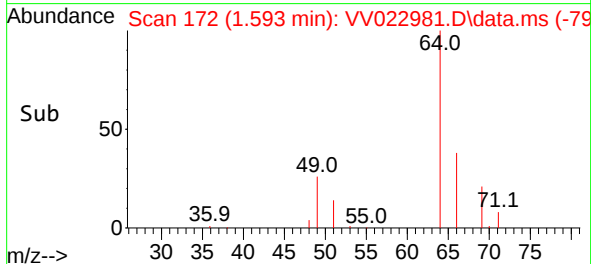
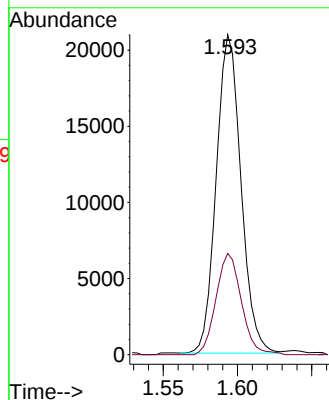
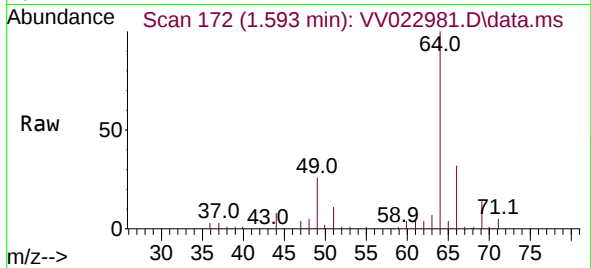




#8
Chloroethane
Concen: 4.046 ug/L
RT: 1.593 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

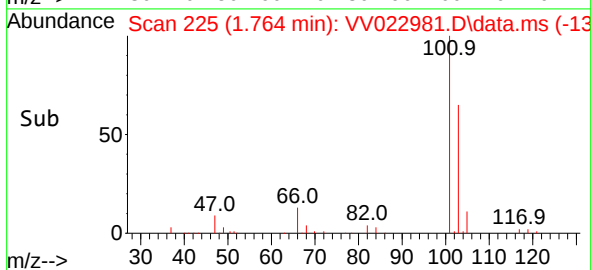
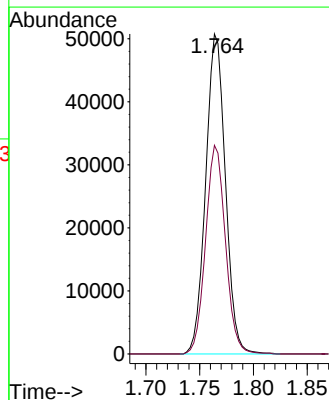
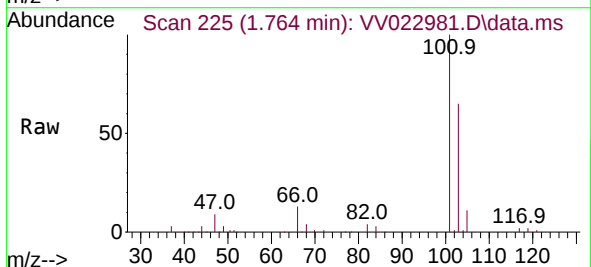
Instrument :
MSVOA_V
ClientSampleId :

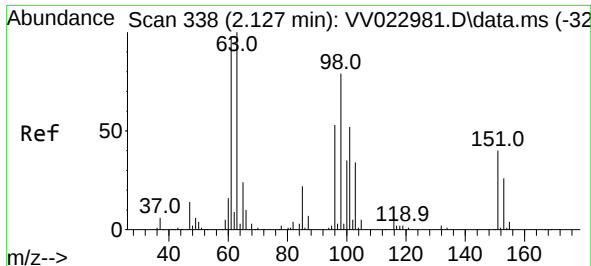
Tgt Ion: 64 Resp: 24219
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.540 ug/L
RT: 1.764 min Scan# 225
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

Tgt Ion:101 Resp: 64834
Ion Ratio Lower Upper
101 100
103 65.8 52.6 79.0

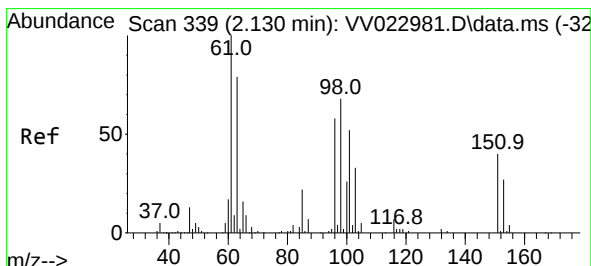
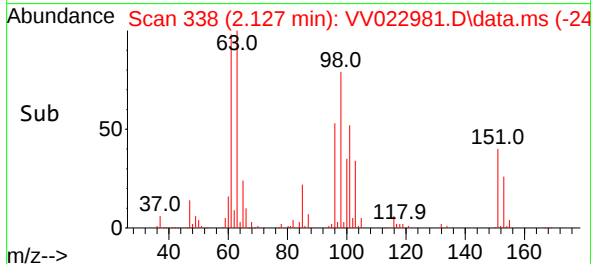
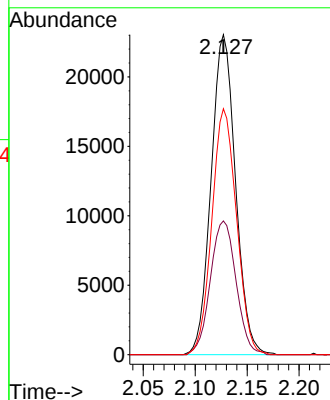
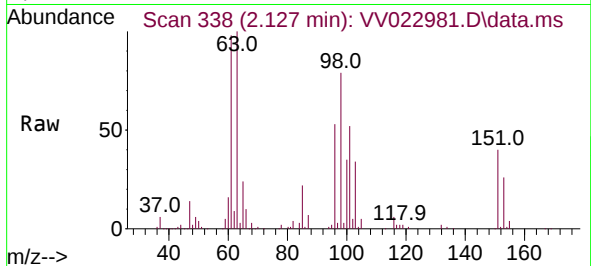




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.491 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. 0.000 min
 Lab File: VV022981.D
 Acq: 22 Oct 2021 10:59

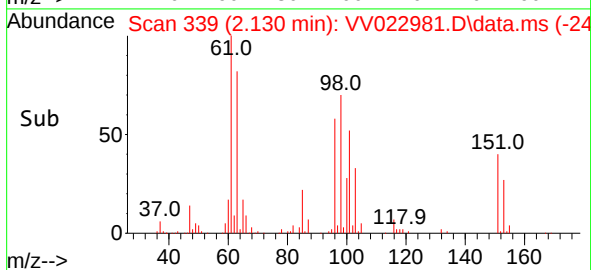
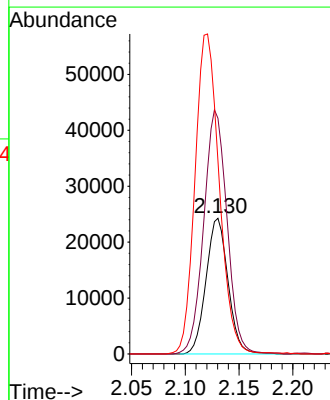
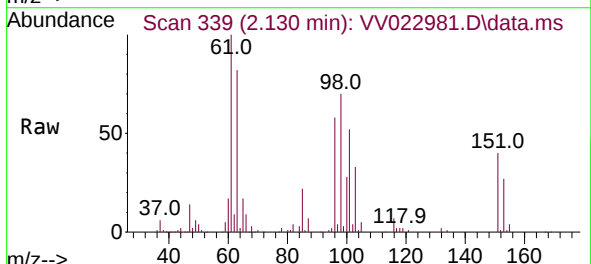
Instrument :
 MSVOA_V
 ClientSampleId :

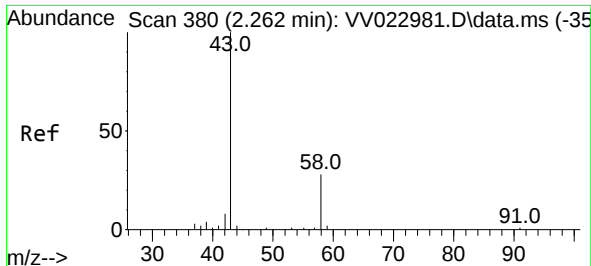
Tgt Ion:101 Resp: 37656
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.3 52.9
 151 77.7 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 4.389 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. 0.000 min
 Lab File: VV022981.D
 Acq: 22 Oct 2021 10:59

Tgt Ion: 96 Resp: 34515
 Ion Ratio Lower Upper
 96 100
 61 173.6 121.5 225.7
 63 142.3 99.6 185.0





#13

Acetone

Concen: 45.854 ug/L

RT: 2.262 min Scan# 380

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

Instrument :

MSVOA_V

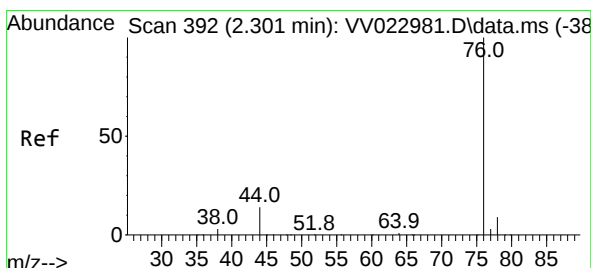
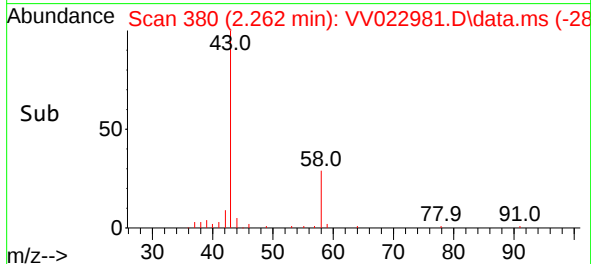
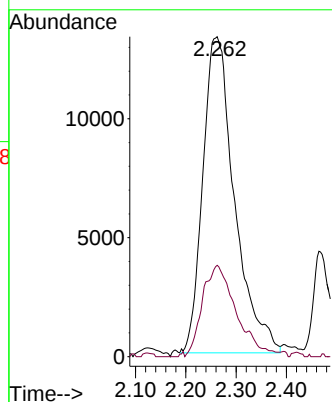
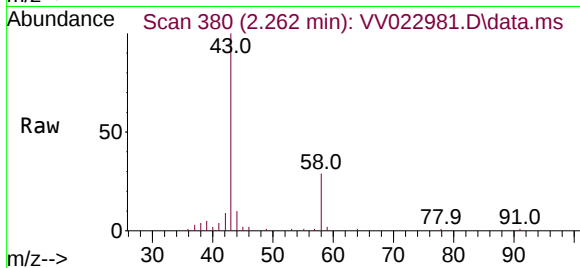
ClientSampleId :

Tgt Ion: 43 Resp: 58300

Ion Ratio Lower Upper

43 100

58 27.7 0.0 55.4



#14

Carbon disulfide

Concen: 4.361 ug/L

RT: 2.301 min Scan# 392

Delta R.T. 0.000 min

Lab File: VV022981.D

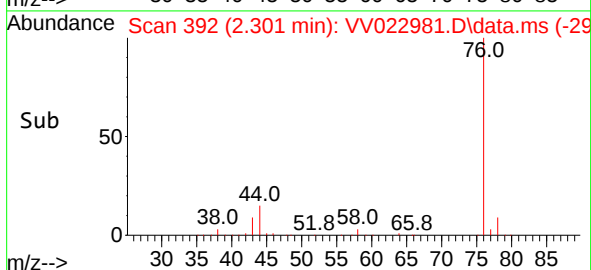
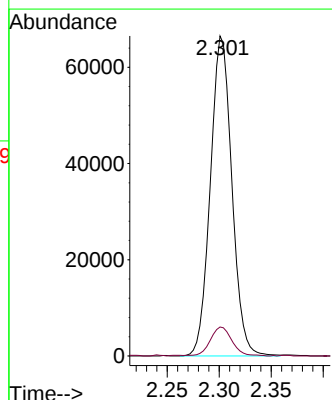
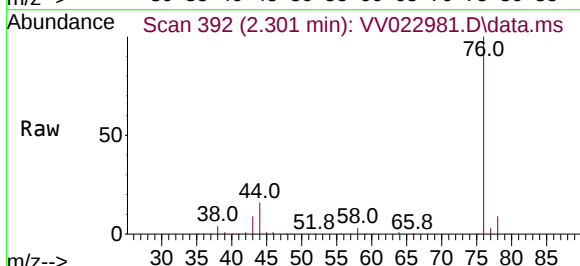
Acq: 22 Oct 2021 10:59

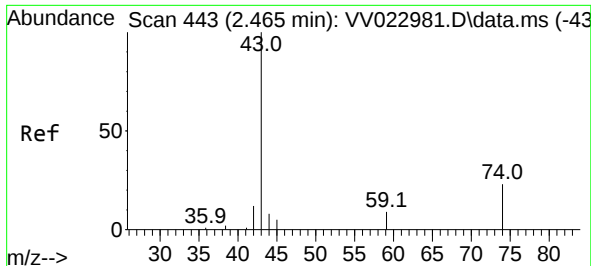
Tgt Ion: 76 Resp: 95728

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

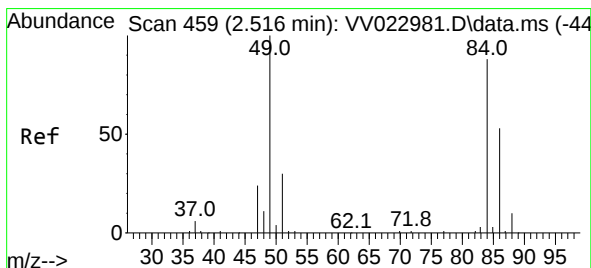
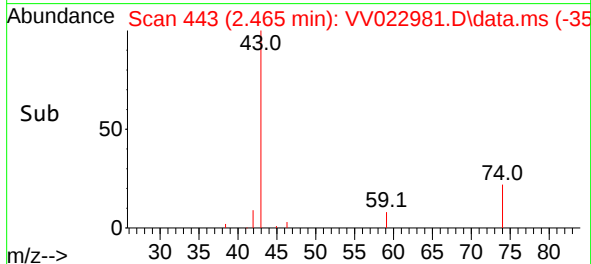
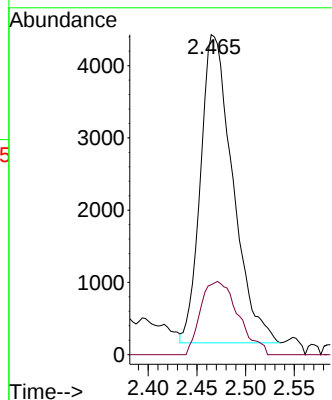
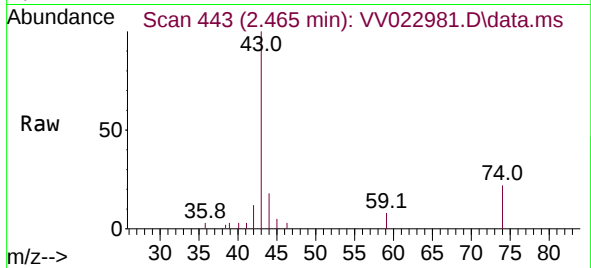




#15
Methyl Acetate
Concen: 2.825 ug/L
RT: 2.465 min Scan# 443
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

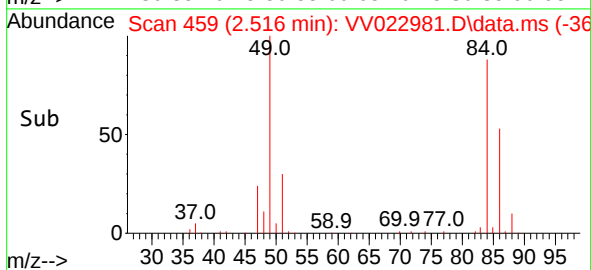
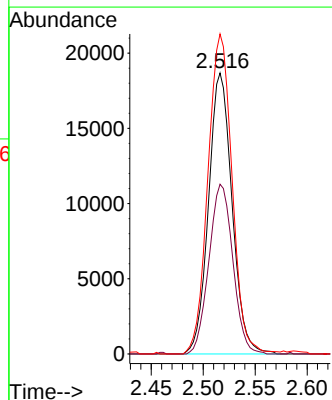
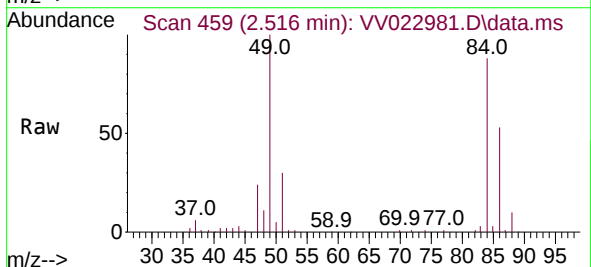
Instrument :
MSVOA_V
ClientSampleId :

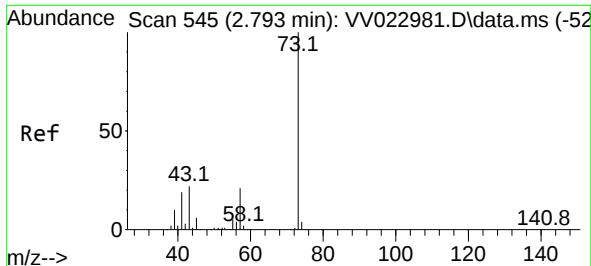
Tgt Ion: 43 Resp: 9805
Ion Ratio Lower Upper
43 100
74 27.7 22.2 33.2



#16
Methylene chloride
Concen: 2.819 ug/L
RT: 2.516 min Scan# 459
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

Tgt Ion: 84 Resp: 29475
Ion Ratio Lower Upper
84 100
86 60.4 42.3 78.5
49 113.9 79.7 148.1

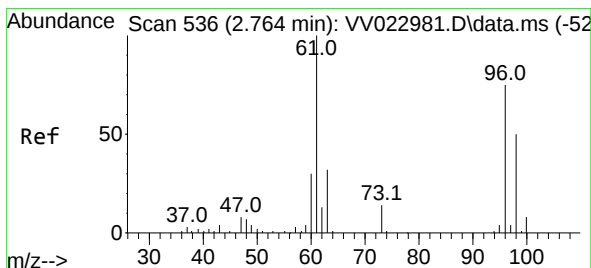
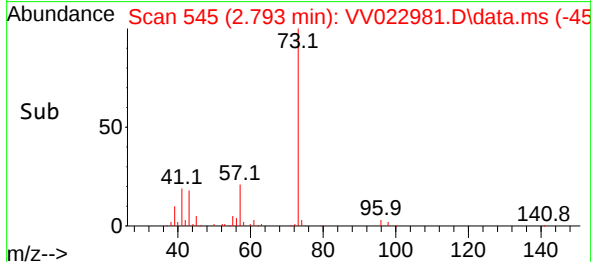
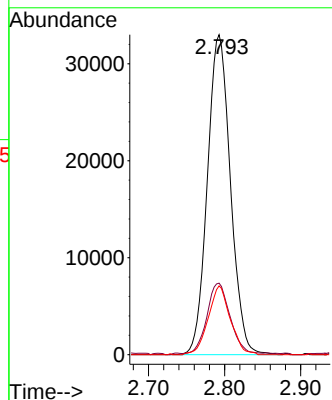
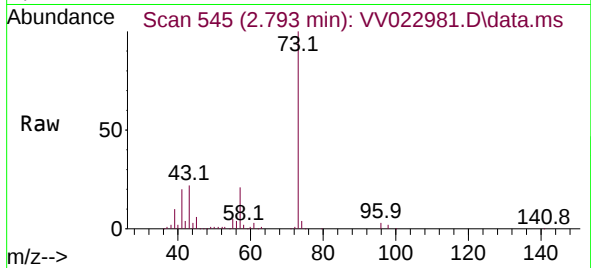




#17
Methyl tert-butyl Ether
Concen: 3.812 ug/L
RT: 2.793 min Scan# 545
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

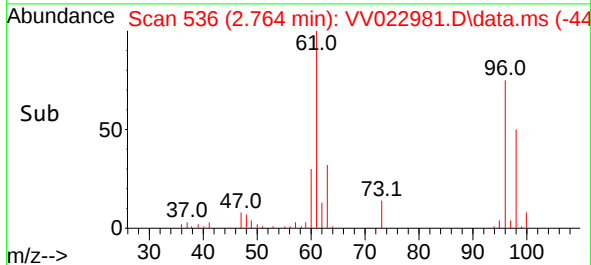
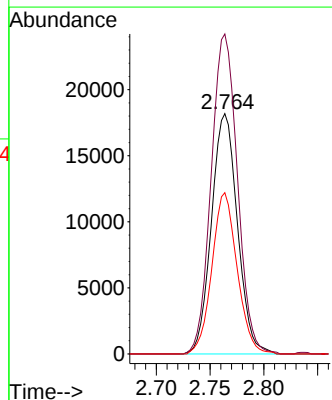
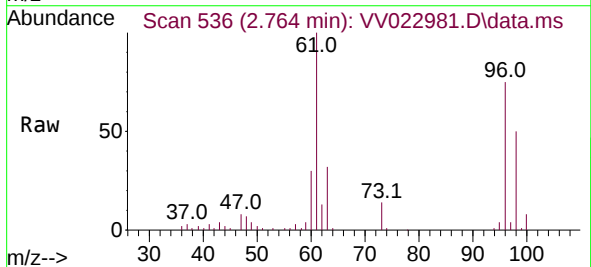
Instrument :
MSVOA_V
ClientSampleId :

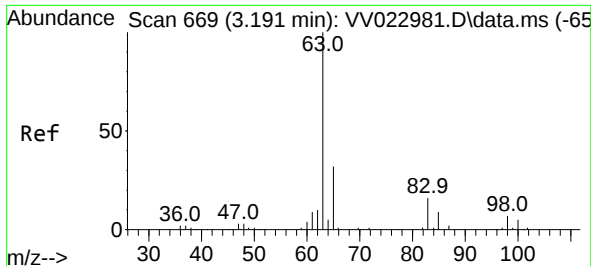
Tgt Ion: 73 Resp: 69570
Ion Ratio Lower Upper
73 100
43 21.7 17.4 26.0
57 20.6 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 3.704 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

Tgt Ion: 96 Resp: 30639
Ion Ratio Lower Upper
96 100
61 133.2 93.2 173.2
98 67.1 47.0 87.2





#19

1,1-Dichloroethane

Concen: 3.819 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.000 min

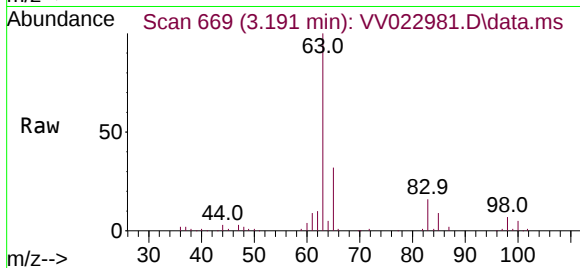
Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

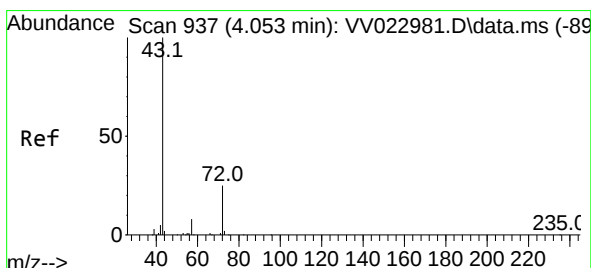
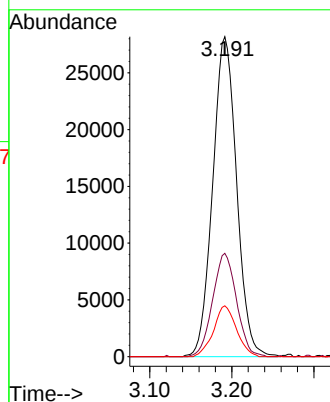
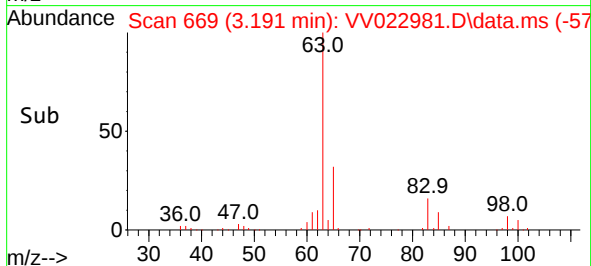
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	63	Resp:	56991
Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.6	42.0
83	15.9	11.1	20.7



#21

2-Butanone

Concen: 50.757 ug/L

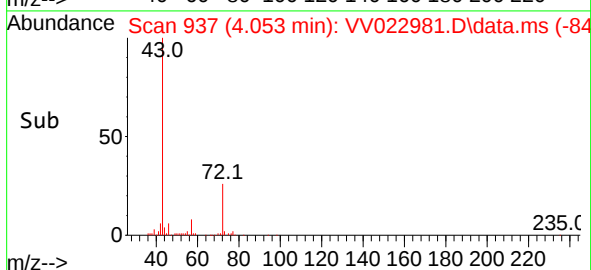
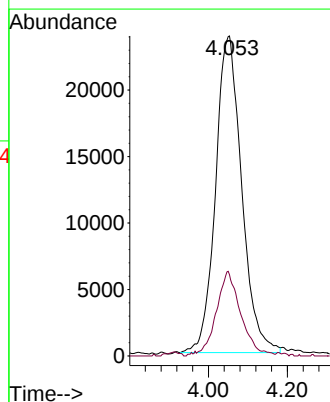
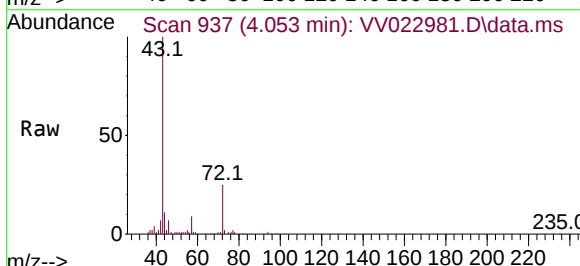
RT: 4.053 min Scan# 937

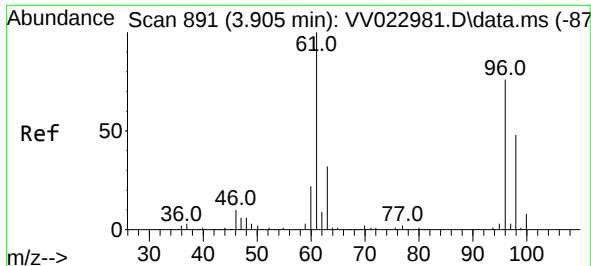
Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

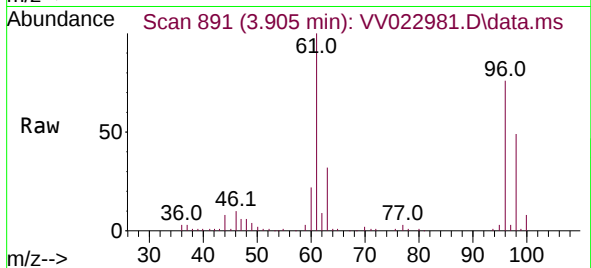
Tgt Ion:	43	Resp:	109717
Ion	Ratio	Lower	Upper
43	100		
72	23.9	11.9	35.9





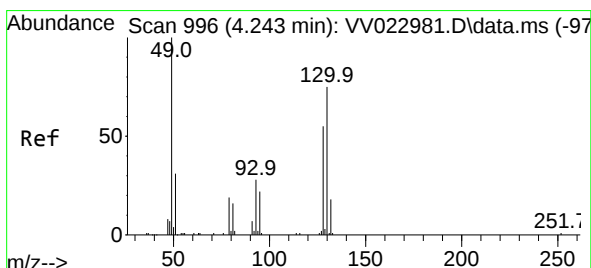
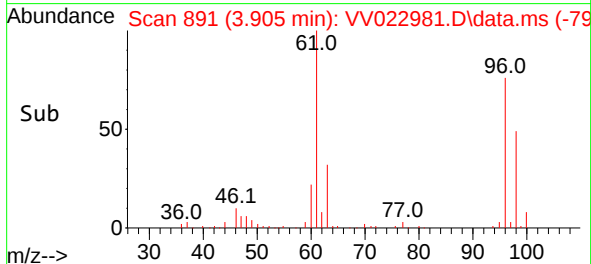
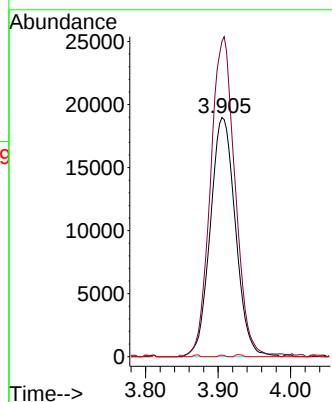
#22
 cis-1,2-Dichloroethene
 Concen: 4.994 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV022981.D
 Acq: 22 Oct 2021 10:59

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 45729

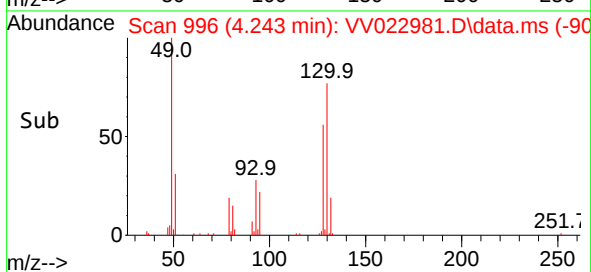
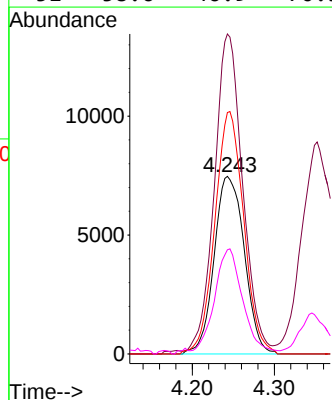
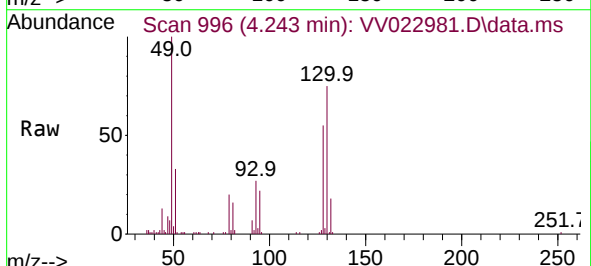
Ion	Ratio	Lower	Upper
96	100		
61	131.8	92.3	171.3
68	0.6	0.4	0.8

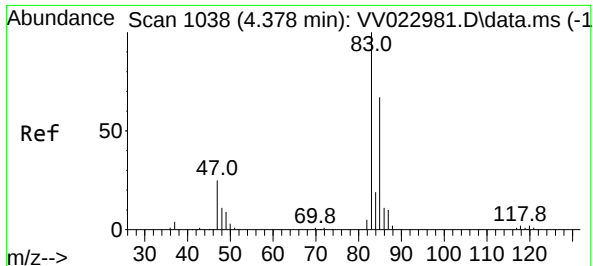


#23
 Bromochloromethane
 Concen: 4.755 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV022981.D
 Acq: 22 Oct 2021 10:59

Tgt Ion: 128 Resp: 19131

Ion	Ratio	Lower	Upper
128	100		
49	180.2	126.1	234.3
130	136.0	95.2	176.8
51	58.6	46.9	70.3





#25

Chloroform

Concen: 4.895 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

Instrument :

MSVOA_V

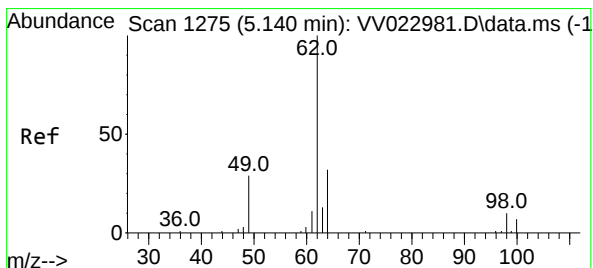
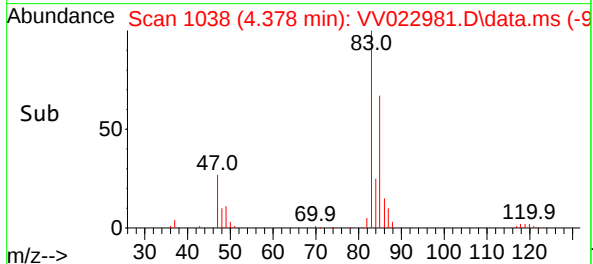
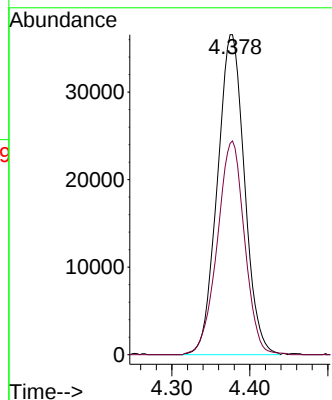
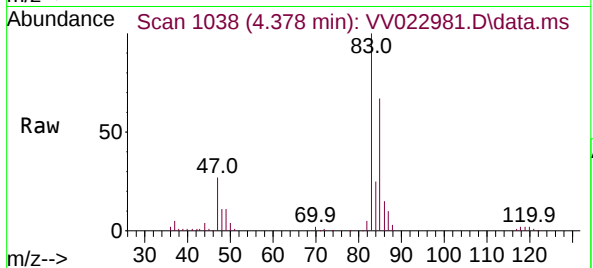
ClientSampleId :

Tgt Ion: 83 Resp: 88375

Ion Ratio Lower Upper

83 100

85 66.8 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.169 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VV022981.D

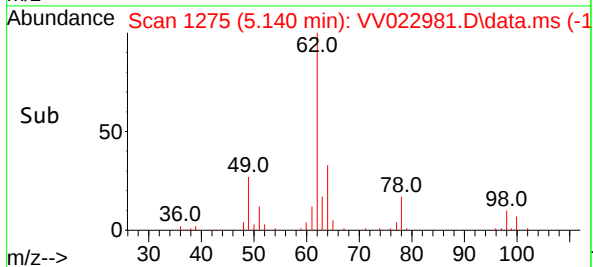
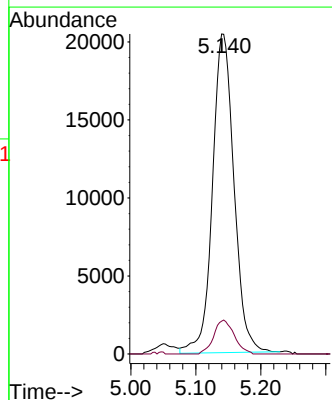
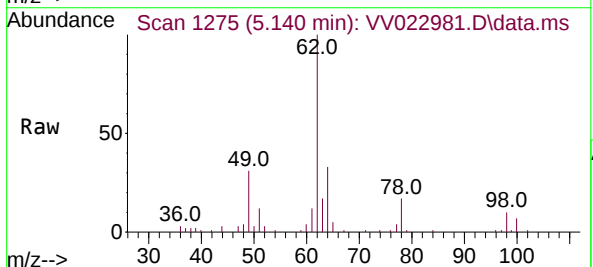
Acq: 22 Oct 2021 10:59

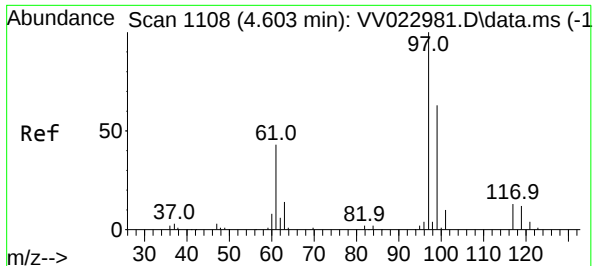
Tgt Ion: 62 Resp: 46959

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.002 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

Instrument :

MSVOA_V

ClientSampleId :

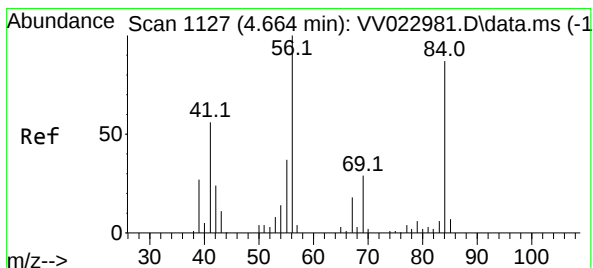
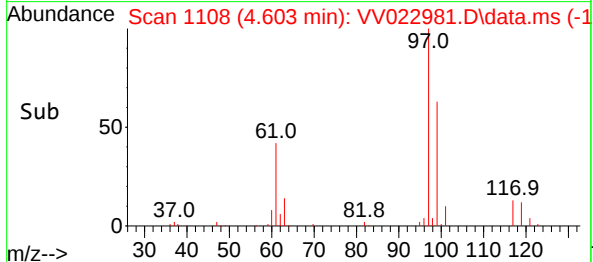
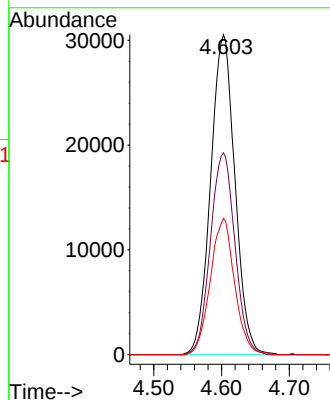
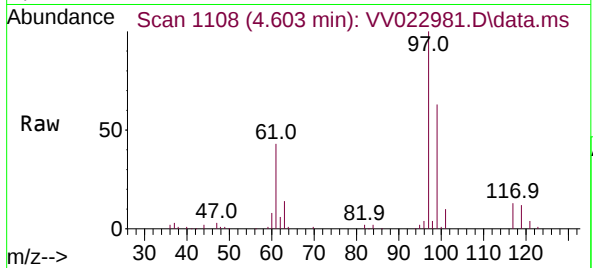
Tgt Ion: 97 Resp: 76084

Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 42.6 34.1 51.1



#30

Cyclohexane

Concen: 4.653 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

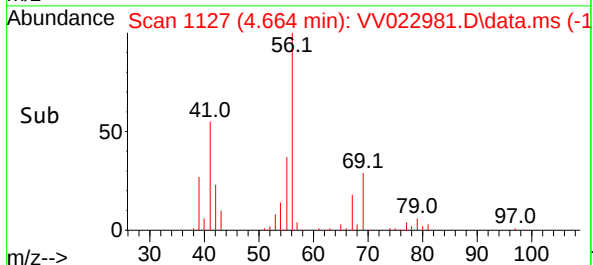
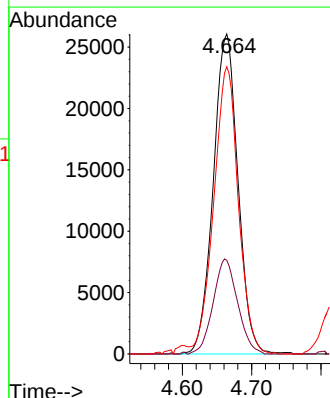
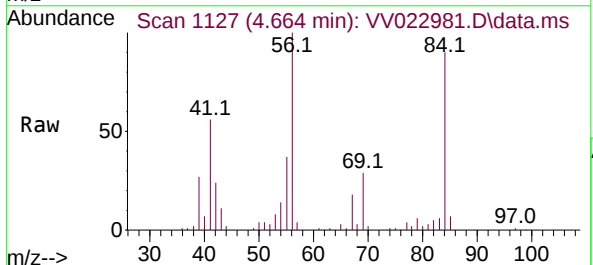
Tgt Ion: 56 Resp: 64574

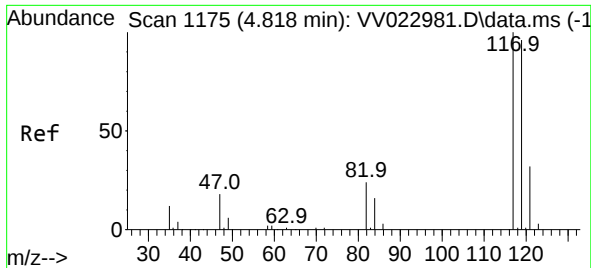
Ion Ratio Lower Upper

56 100

69 29.4 23.5 35.3

84 89.5 71.6 107.4

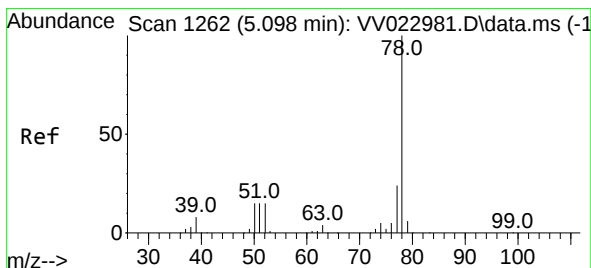
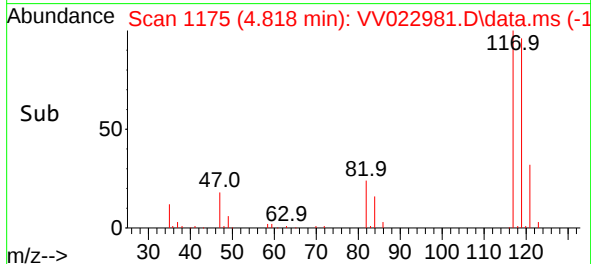
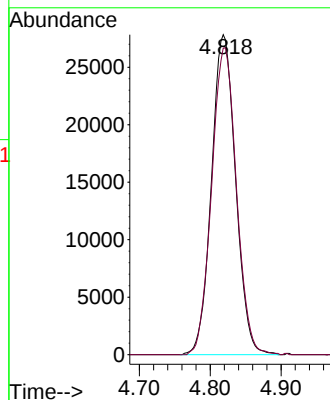
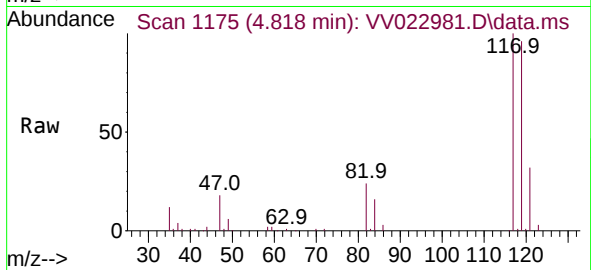




#31
Carbon tetrachloride
Concen: 5.014 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

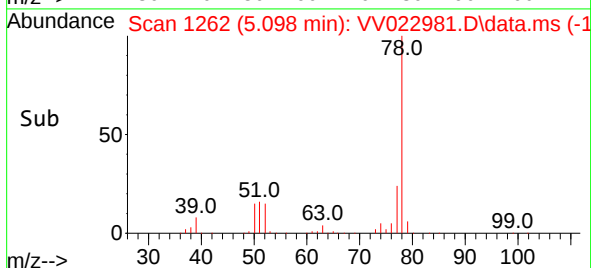
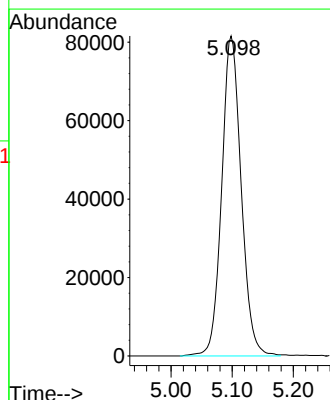
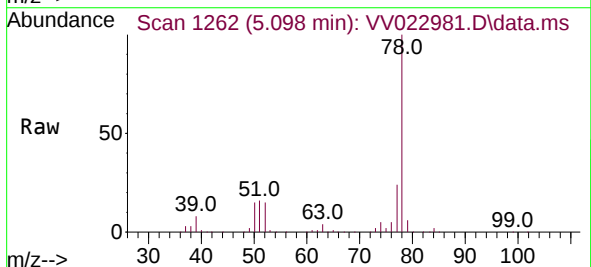
Instrument :
MSVOA_V
ClientSampleId :

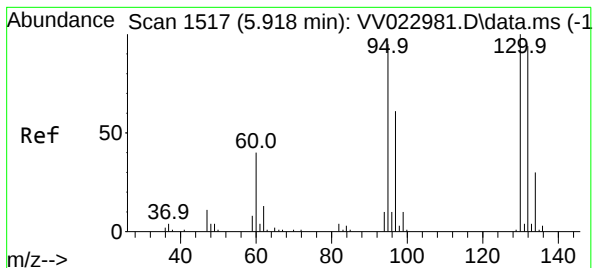
Tgt Ion:117 Resp: 65960
Ion Ratio Lower Upper
117 100
119 98.5 78.8 118.2



#33
Benzene
Concen: 5.044 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

Tgt Ion: 78 Resp: 180868





#34

Trichloroethene

Concen: 4.718 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 45495

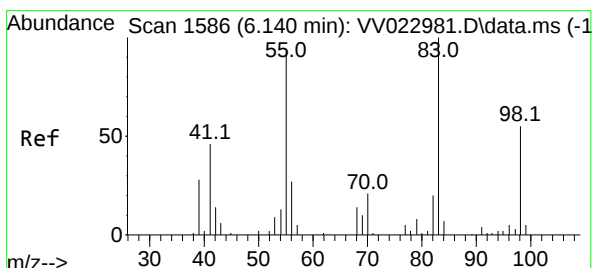
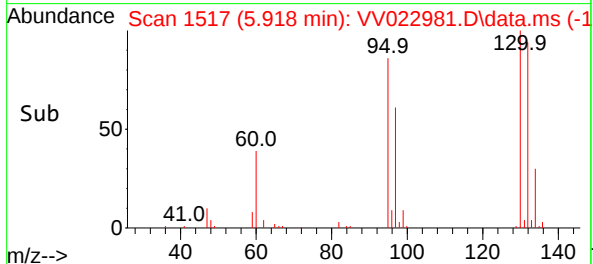
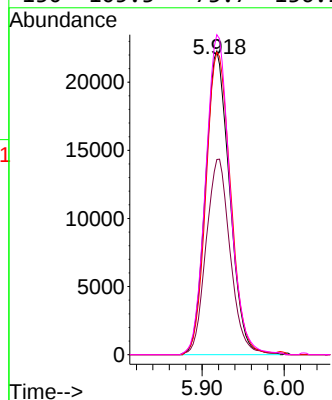
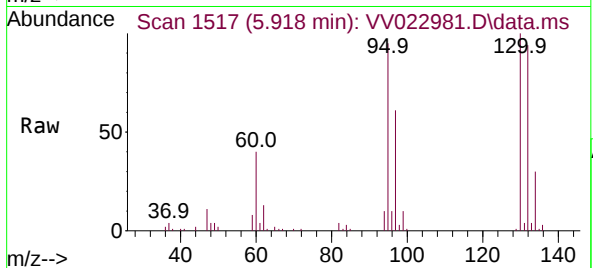
Ion Ratio Lower Upper

95 100

97 64.3 45.0 83.6

132 99.5 69.7 129.4

130 105.3 73.7 136.9



#35

Methylcyclohexane

Concen: 4.806 ug/L

RT: 6.140 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

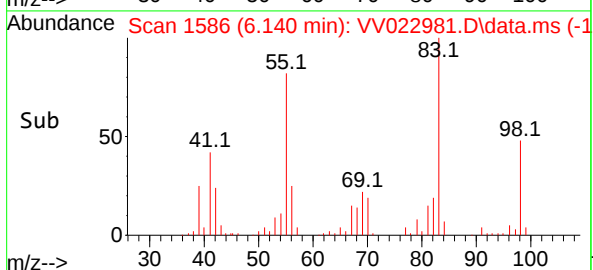
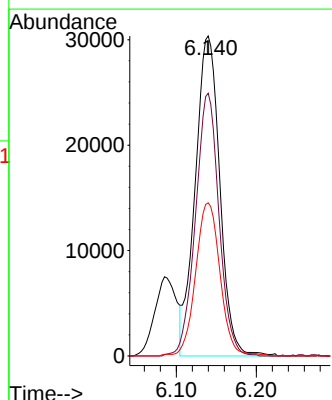
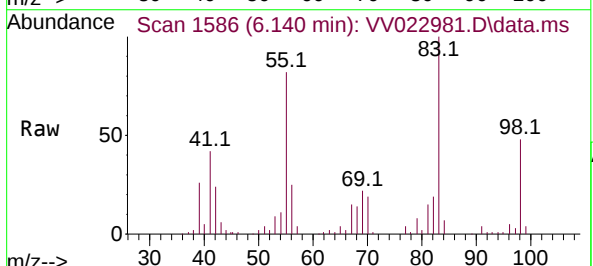
Tgt Ion: 83 Resp: 65088

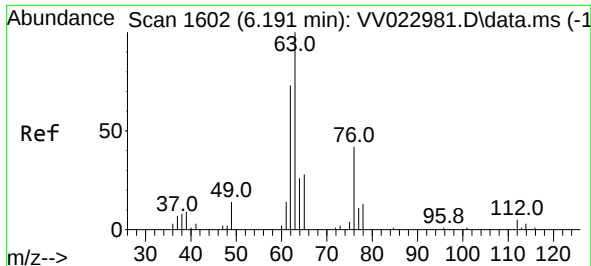
Ion Ratio Lower Upper

83 100

55 78.5 62.8 94.2

98 47.4 37.9 56.9





#37

1,2-Dichloropropane

Concen: 5.181 ug/L

RT: 6.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

Instrument :

MSVOA_V

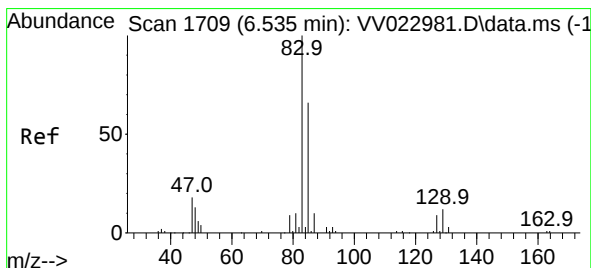
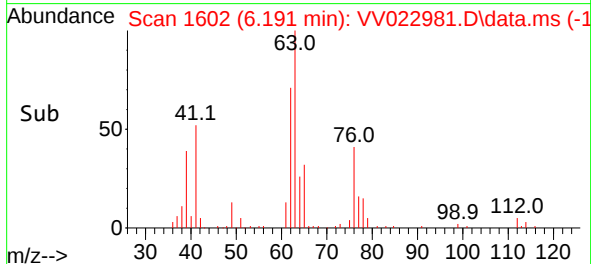
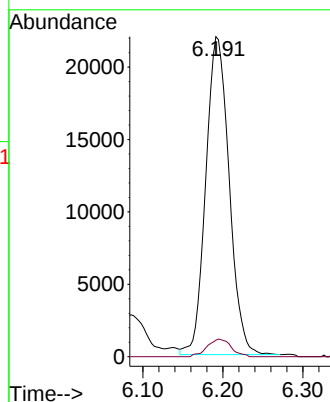
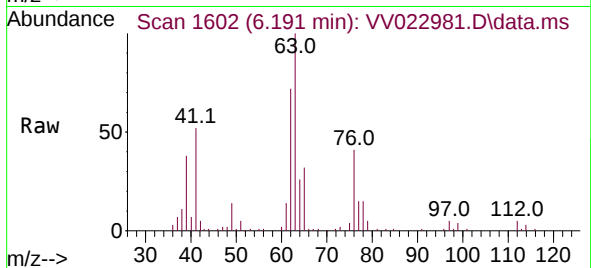
ClientSampleId :

Tgt Ion: 63 Resp: 44662

Ion Ratio Lower Upper

63 100

112 5.7 4.6 6.8



#38

Bromodichloromethane

Concen: 5.232 ug/L

RT: 6.535 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

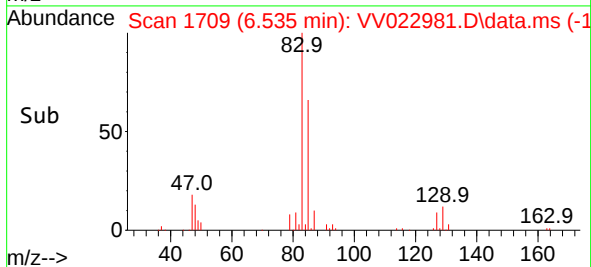
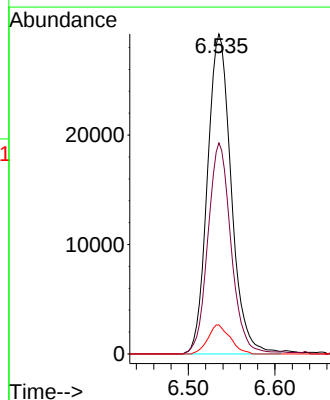
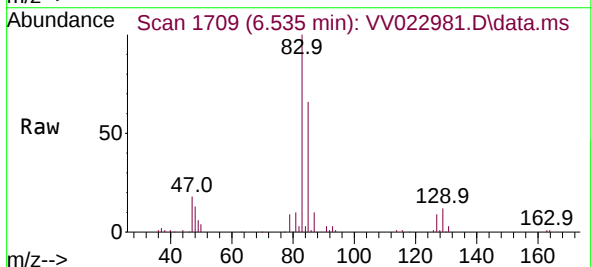
Tgt Ion: 83 Resp: 55808

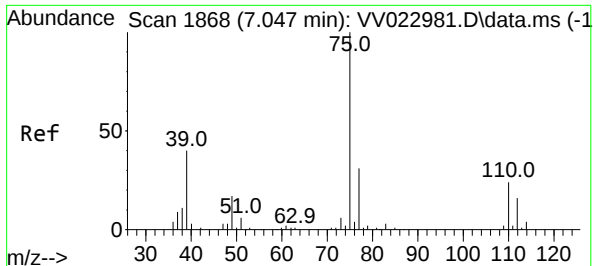
Ion Ratio Lower Upper

83 100

85 65.9 46.1 85.7

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.989 ug/L

RT: 7.047 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

Instrument :

MSVOA_V

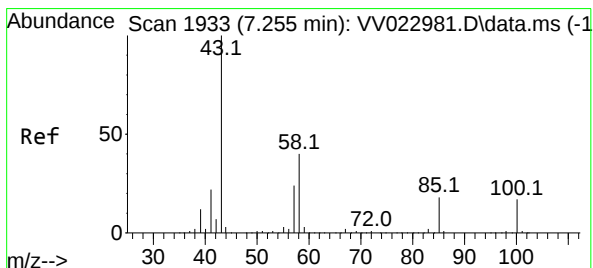
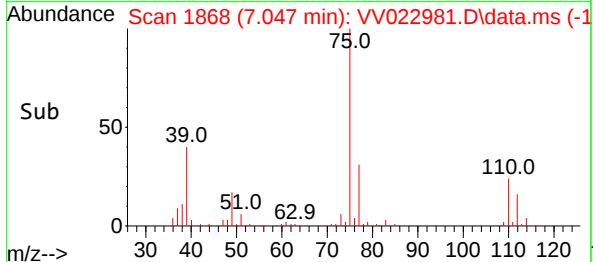
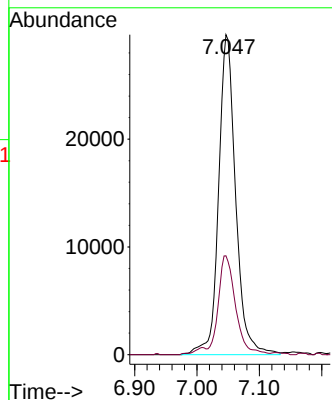
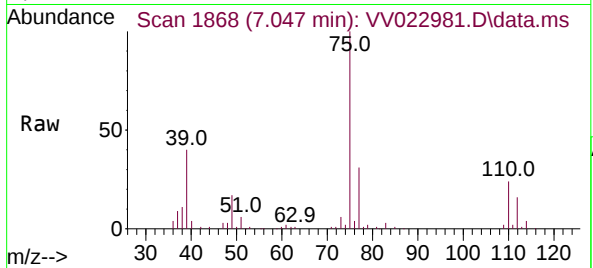
ClientSampleId :

Tgt Ion: 75 Resp: 56279

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 50.817 ug/L

RT: 7.255 min Scan# 1933

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

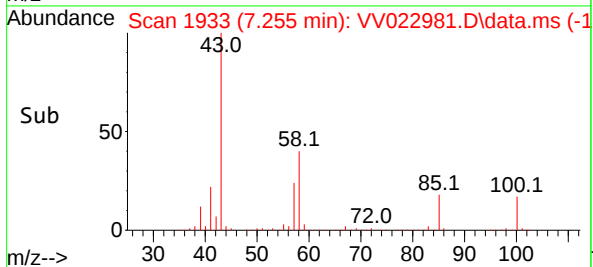
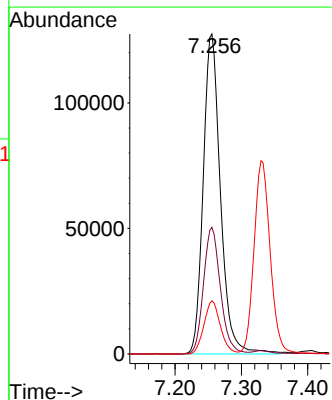
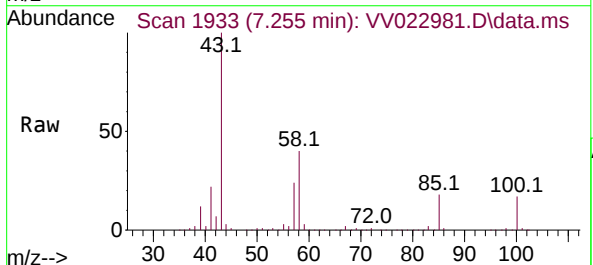
Tgt Ion: 43 Resp: 230316

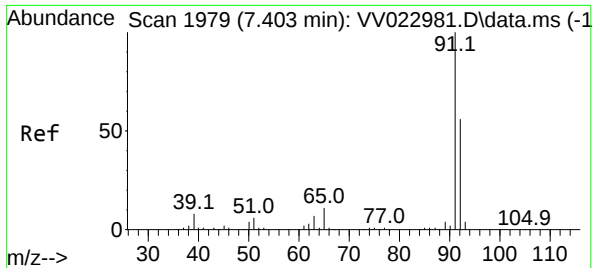
Ion Ratio Lower Upper

43 100

58 38.9 31.1 46.7

100 15.8 12.6 19.0





#42

Toluene

Concen: 5.371 ug/L

RT: 7.403 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

Instrument :

MSVOA_V

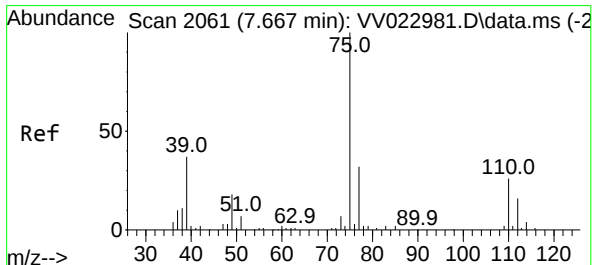
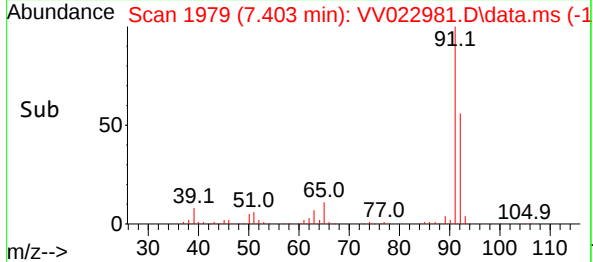
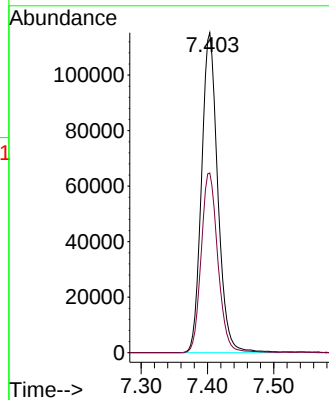
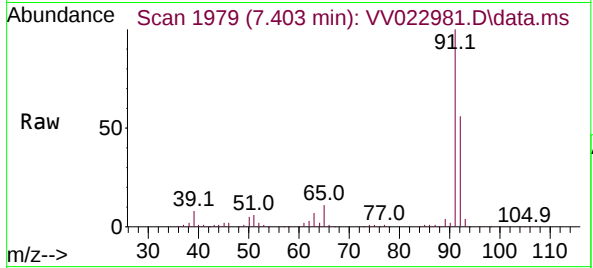
ClientSampleId :

Tgt Ion: 91 Resp: 195935

Ion Ratio Lower Upper

91 100

92 56.1 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.199 ug/L

RT: 7.667 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VV022981.D

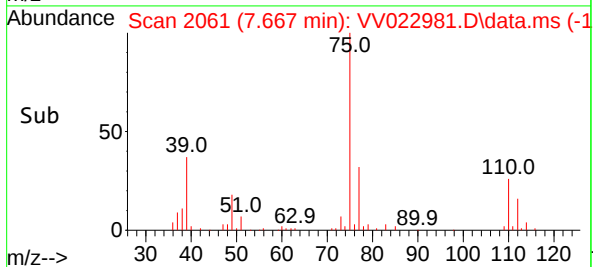
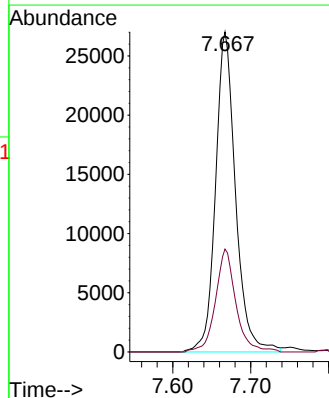
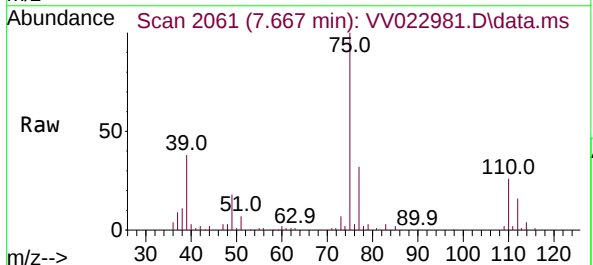
Acq: 22 Oct 2021 10:59

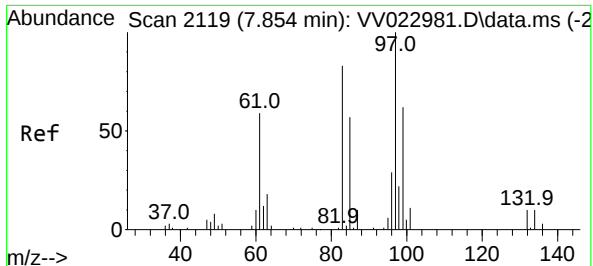
Tgt Ion: 75 Resp: 48198

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 5.122 ug/L

RT: 7.854 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 32552

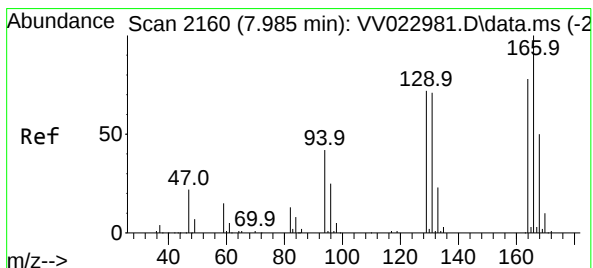
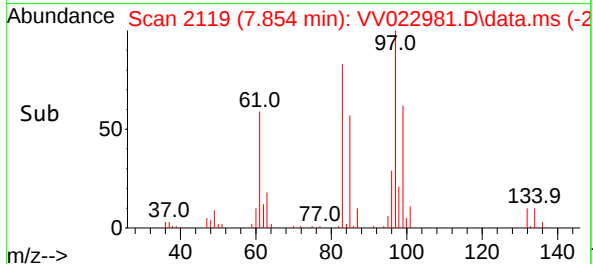
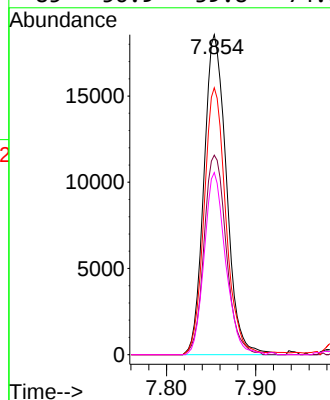
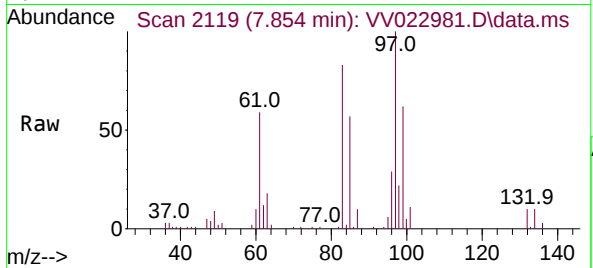
Ion Ratio Lower Upper

97 100

99 62.3 43.6 81.0

83 83.4 58.4 108.4

85 56.9 39.8 74.0



#47

Tetrachloroethene

Concen: 4.997 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

Tgt Ion: 164 Resp: 39151

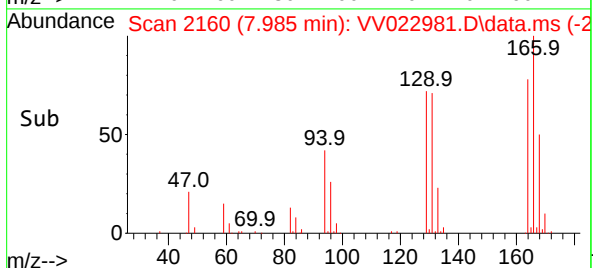
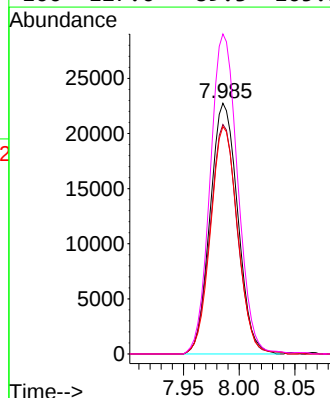
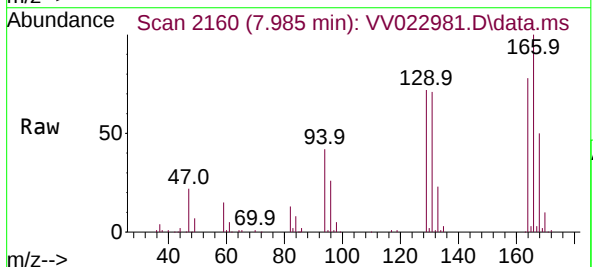
Ion Ratio Lower Upper

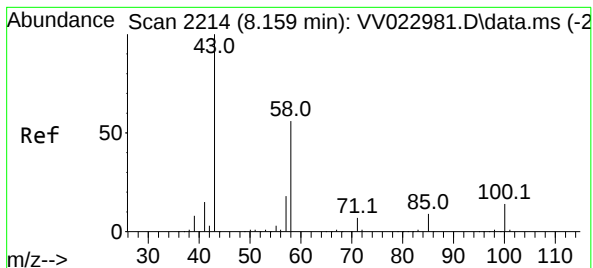
164 100

129 91.5 64.0 119.0

131 90.6 63.4 117.8

166 127.6 89.3 165.9





#48

2-Hexanone

Concen: 53.136 ug/L

RT: 8.159 min Scan# 2214

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 176095

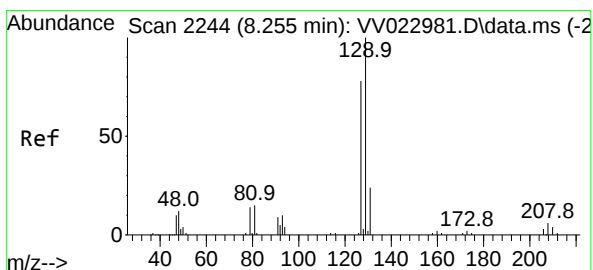
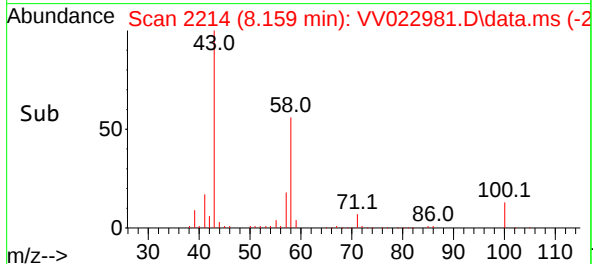
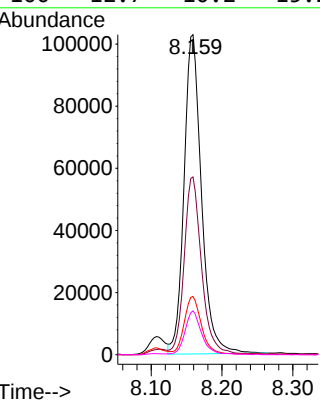
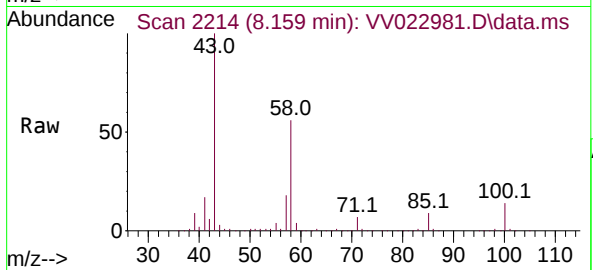
Ion Ratio Lower Upper

43 100

58 54.6 43.7 65.5

57 17.6 14.1 21.1

100 12.7 10.2 15.2



#49

Dibromochloromethane

Concen: 5.194 ug/L

RT: 8.255 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VV022981.D

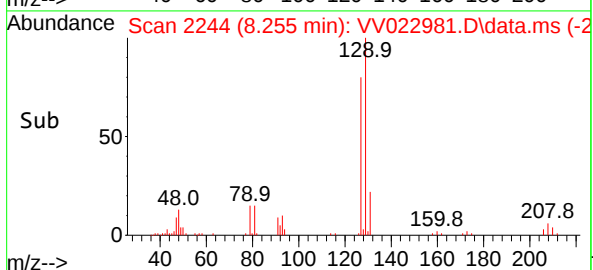
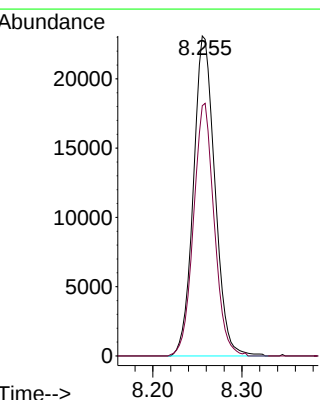
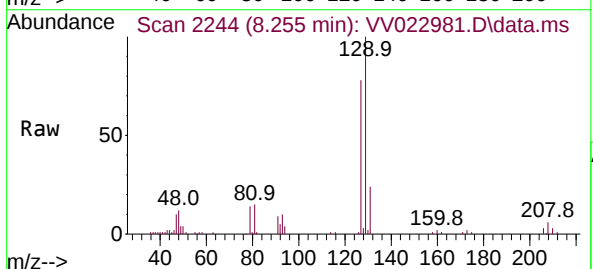
Acq: 22 Oct 2021 10:59

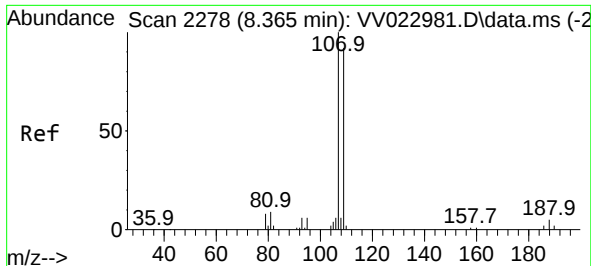
Tgt Ion:129 Resp: 38715

Ion Ratio Lower Upper

129 100

127 78.2 54.7 101.7





#50

1,2-Dibromoethane

Concen: 4.961 ug/L

RT: 8.365 min Scan# 2278

Delta R.T. 0.000 min

Lab File: VV022981.D

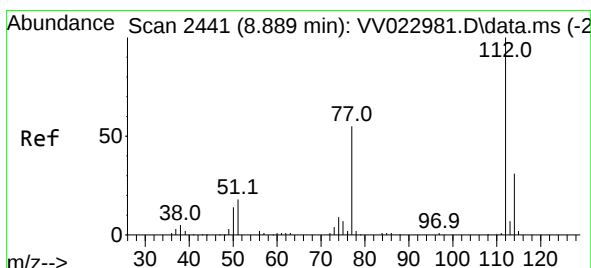
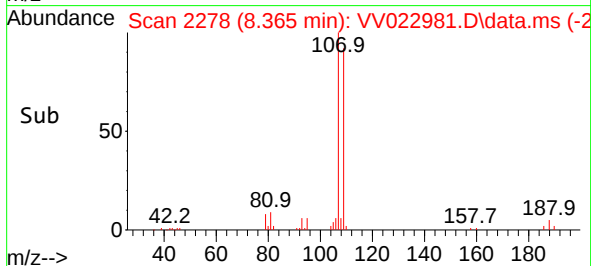
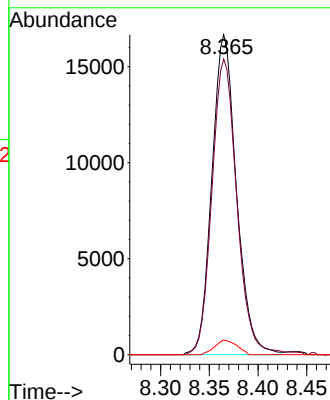
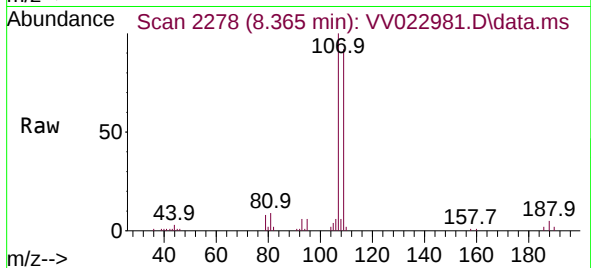
Acq: 22 Oct 2021 10:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	29179
Ion	Ratio	Lower	Upper
107	100		
109	92.4	64.7	120.1
188	4.5	3.6	5.4



#51

Chlorobenzene

Concen: 5.060 ug/L

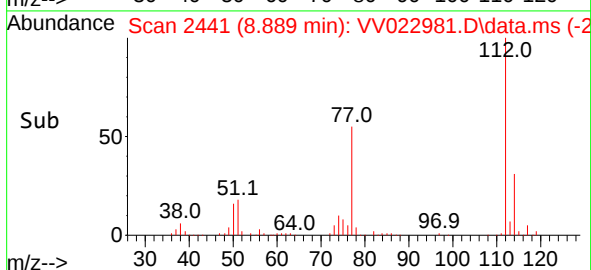
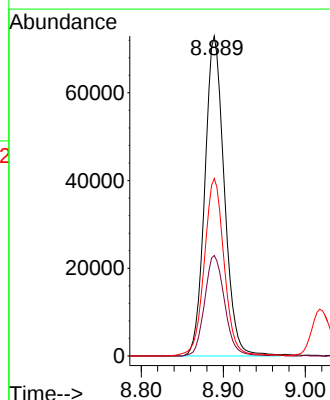
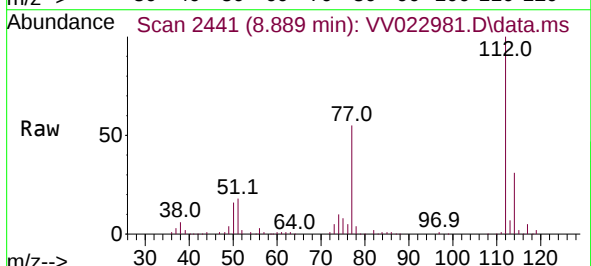
RT: 8.889 min Scan# 2441

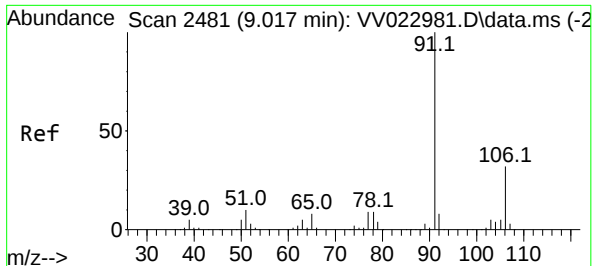
Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

Tgt Ion:	112	Resp:	120414
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.0	40.8
77	55.5	44.4	66.6

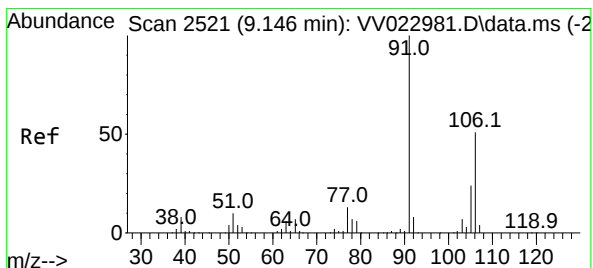
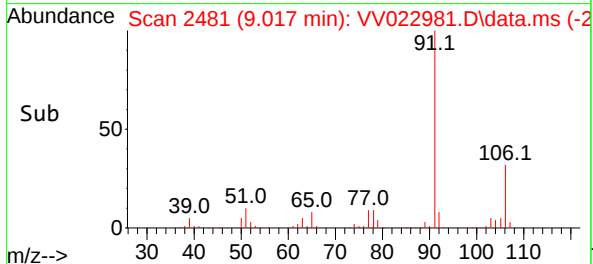
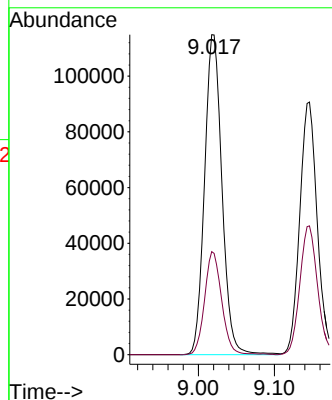
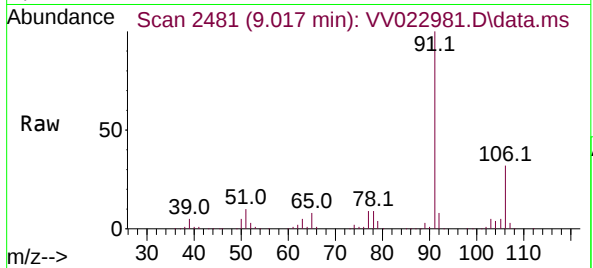




#52
Ethylbenzene
Concen: 5.010 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

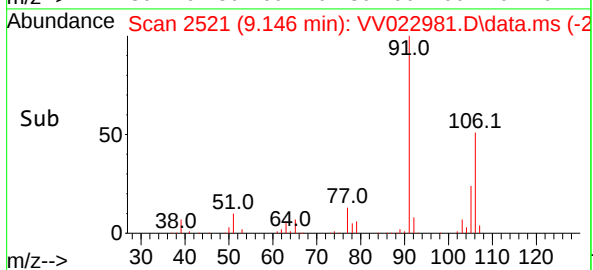
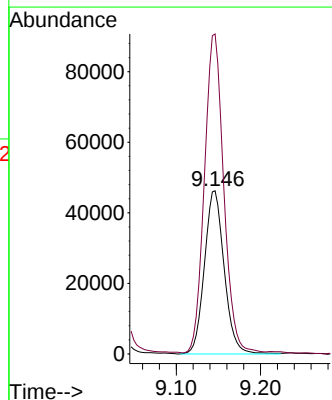
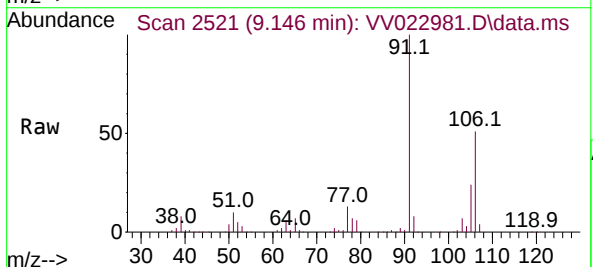
Instrument :
MSVOA_V
ClientSampleId :

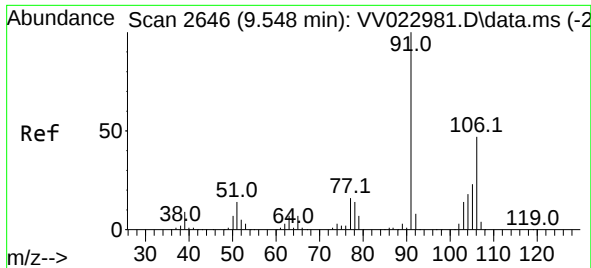
Tgt Ion: 91 Resp: 182909
Ion Ratio Lower Upper
91 100
106 32.2 22.5 41.9



#53
m,p-xylene
Concen: 5.226 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

Tgt Ion: 106 Resp: 75588
Ion Ratio Lower Upper
106 100
91 196.0 137.2 254.8

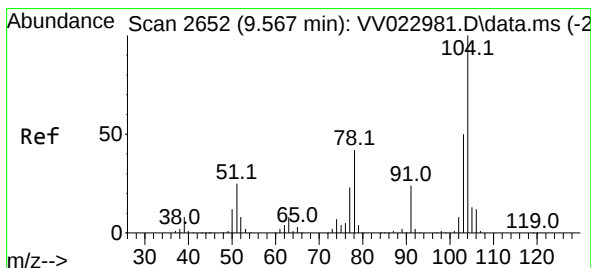
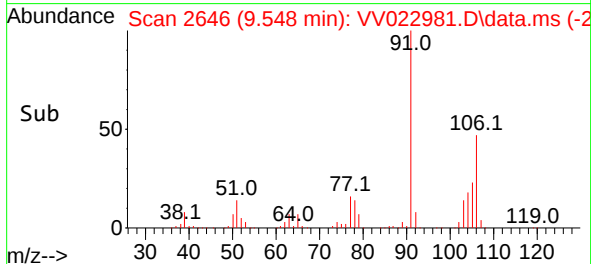
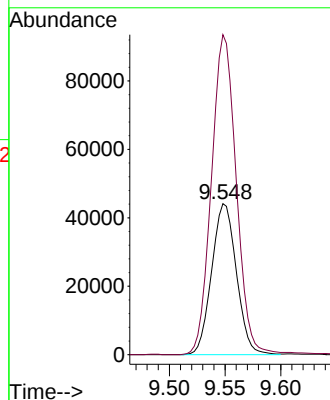
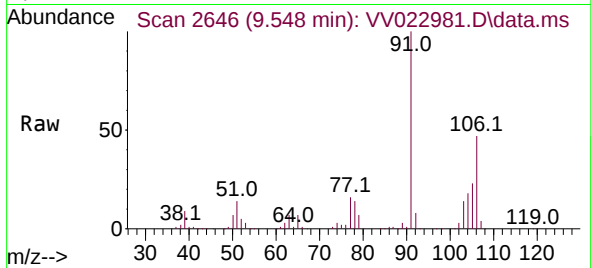




#54
o-xylene
Concen: 5.061 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

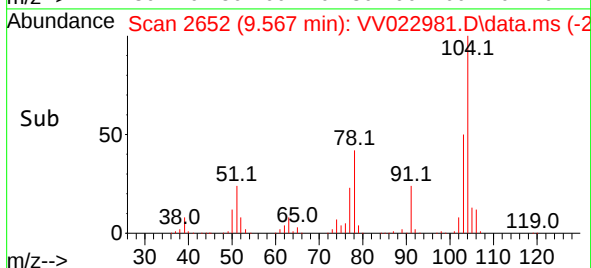
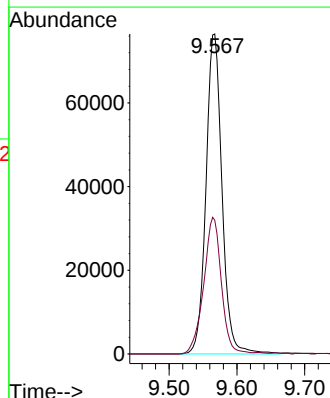
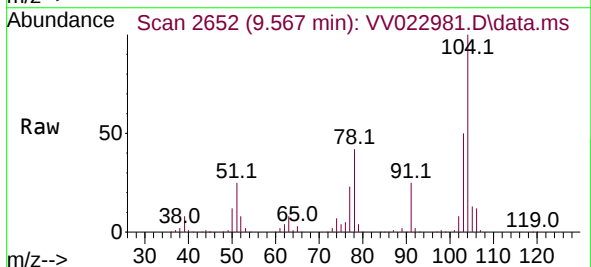
Instrument :
MSVOA_V
ClientSampleId :

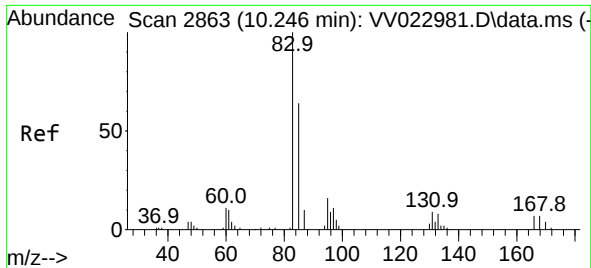
Tgt Ion:106 Resp: 68291
Ion Ratio Lower Upper
106 100
91 211.9 148.3 275.5



#55
Styrene
Concen: 5.403 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

Tgt Ion:104 Resp: 125817
Ion Ratio Lower Upper
104 100
78 41.8 29.3 54.3

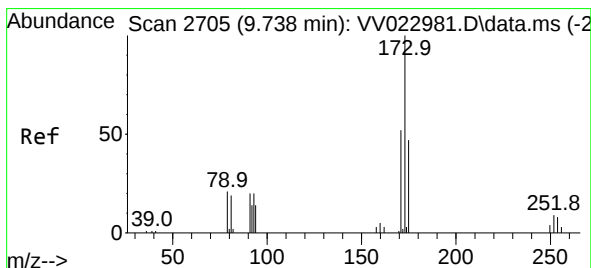
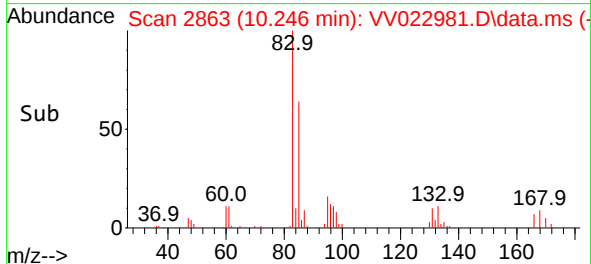
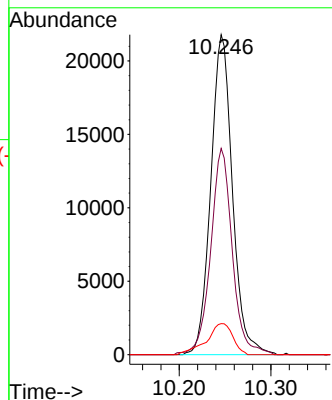
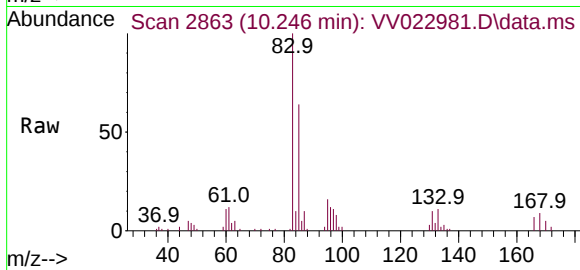




#57
1,1,2,2-Tetrachloroethane
Concen: 5.496 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

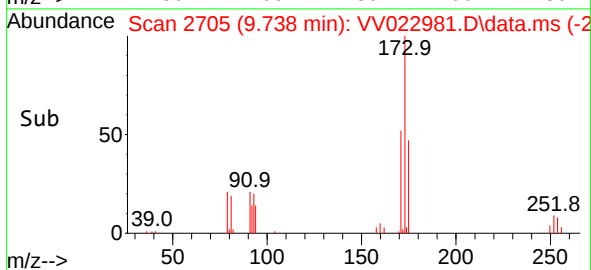
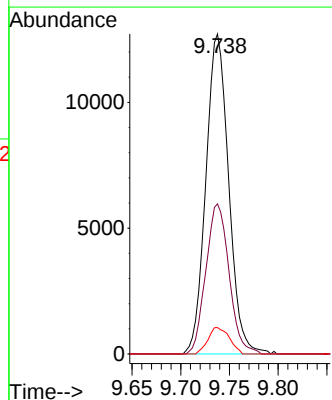
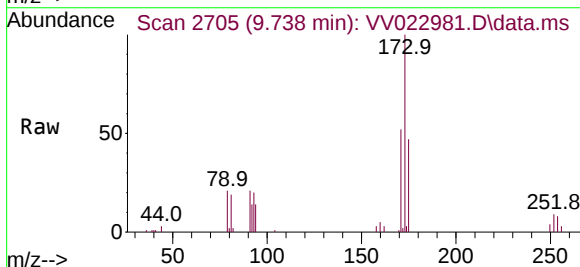
Instrument :
MSVOA_V
ClientSampleId :

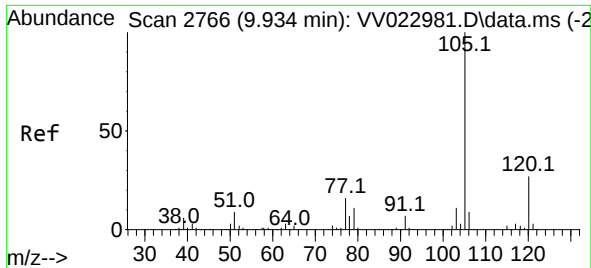
Tgt Ion: 83 Resp: 35718
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9
131 9.7 7.8 11.6



#59
Bromoform
Concen: 5.114 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

Tgt Ion: 173 Resp: 20734
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
254 7.7 6.2 9.2

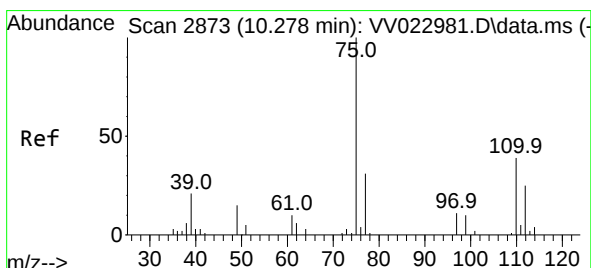
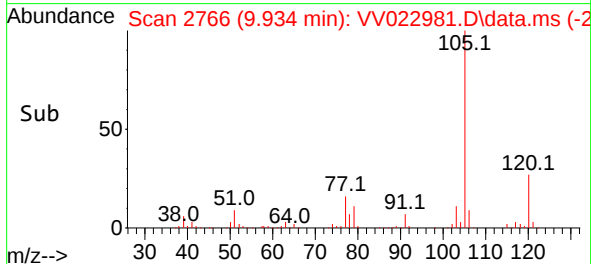
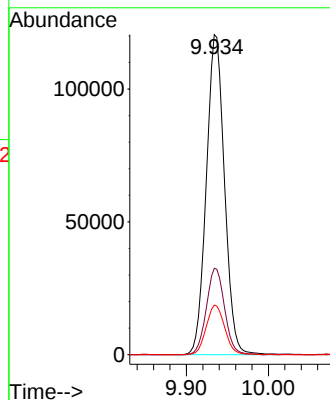
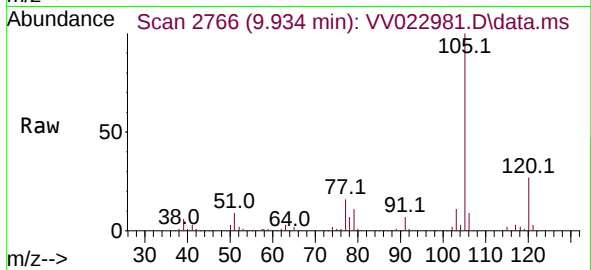




#60
Isopropylbenzene
Concen: 5.061 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

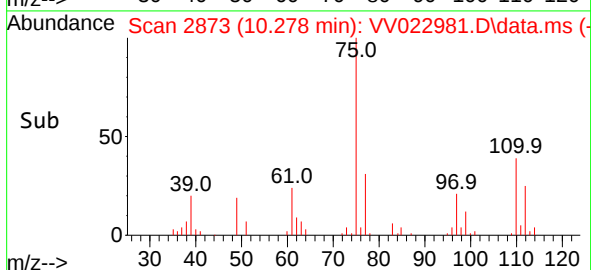
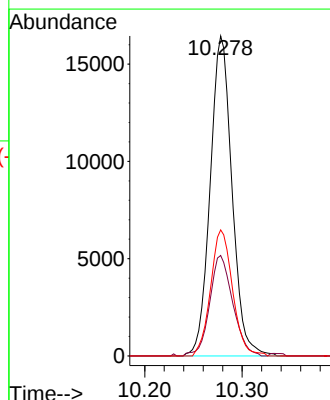
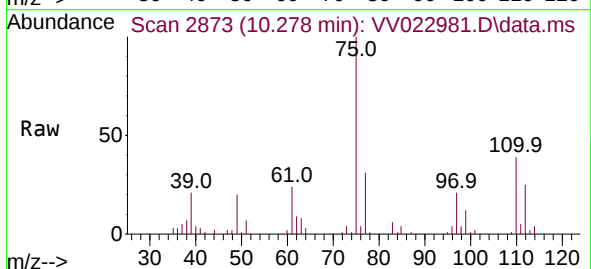
Instrument :
MSVOA_V
ClientSampleId :

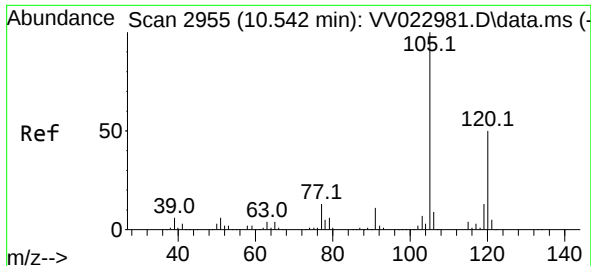
Tgt Ion:105 Resp: 185920
Ion Ratio Lower Upper
105 100
120 27.1 21.7 32.5
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.127 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

Tgt Ion: 75 Resp: 25600
Ion Ratio Lower Upper
75 100
77 33.2 26.6 39.8
110 39.7 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.852 ug/L

RT: 10.542 min Scan# 2955

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

Instrument :

MSVOA_V

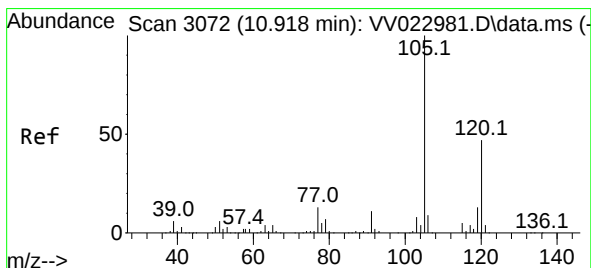
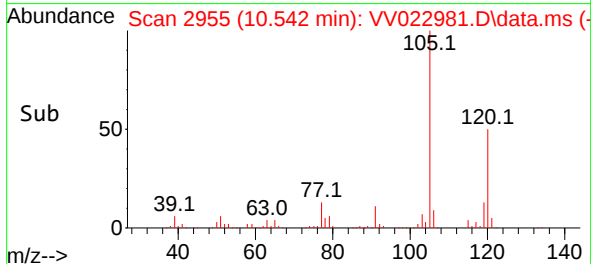
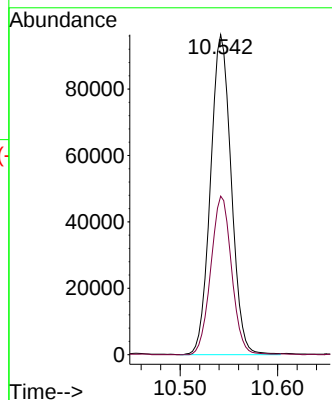
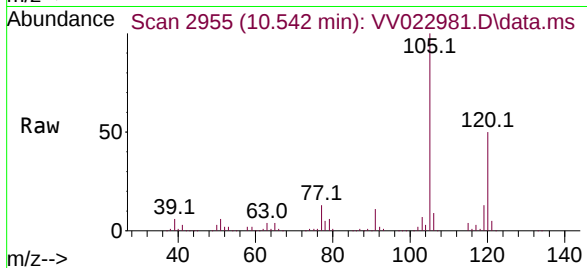
ClientSampleId :

Tgt Ion:105 Resp: 142674

Ion Ratio Lower Upper

105 100

120 49.6 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.036 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.000 min

Lab File: VV022981.D

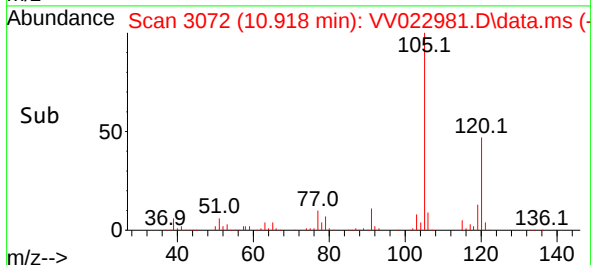
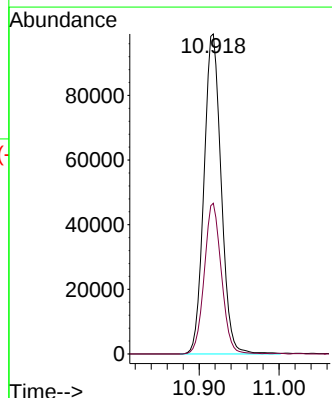
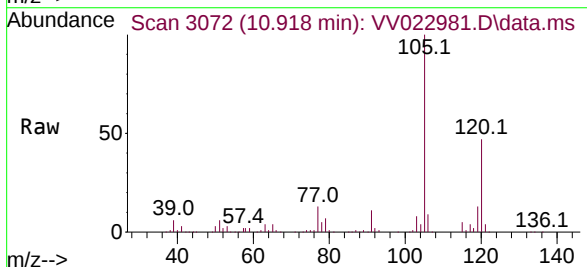
Acq: 22 Oct 2021 10:59

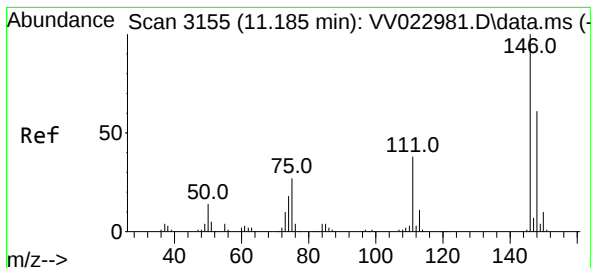
Tgt Ion:105 Resp: 148429

Ion Ratio Lower Upper

105 100

120 46.8 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 5.110 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

Instrument :

MSVOA_V

ClientSampleId :

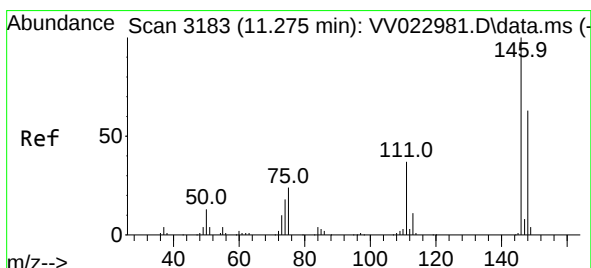
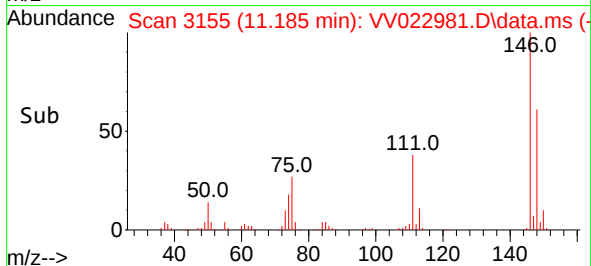
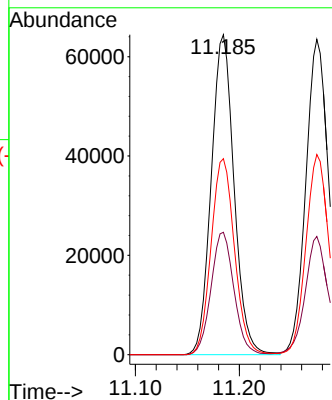
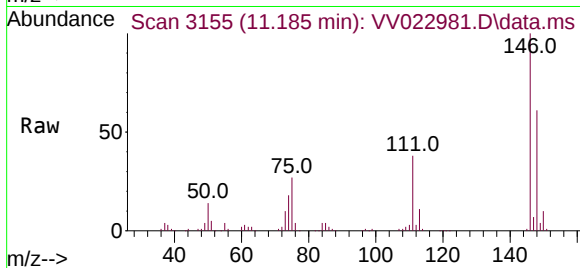
Tgt Ion:146 Resp: 98369

Ion Ratio Lower Upper

146 100

111 38.2 26.7 49.7

148 61.3 42.9 79.7



#65

1,4-Dichlorobenzene

Concen: 5.007 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

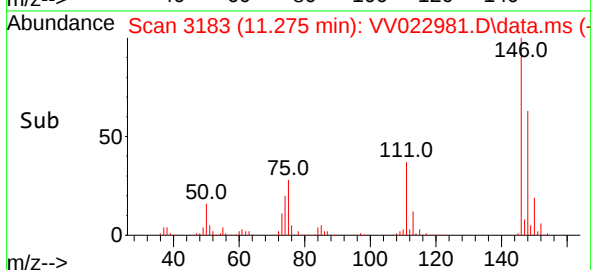
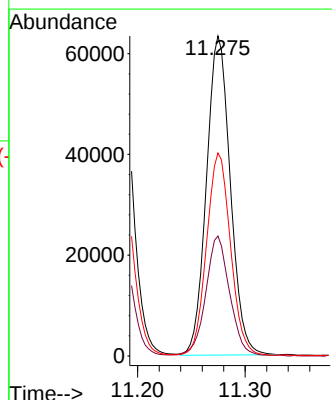
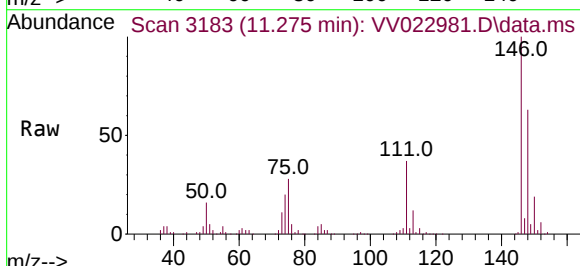
Tgt Ion:146 Resp: 97636

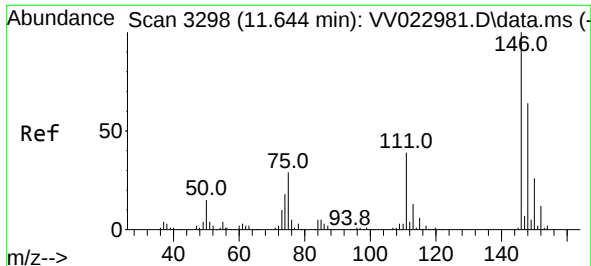
Ion Ratio Lower Upper

146 100

111 37.5 26.2 48.8

148 63.5 44.4 82.5

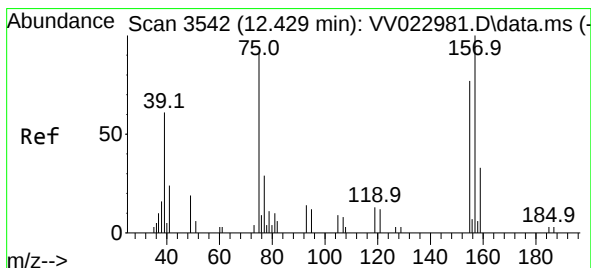
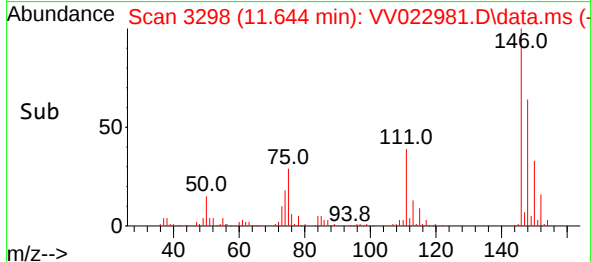
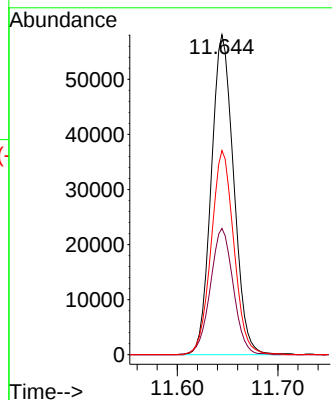
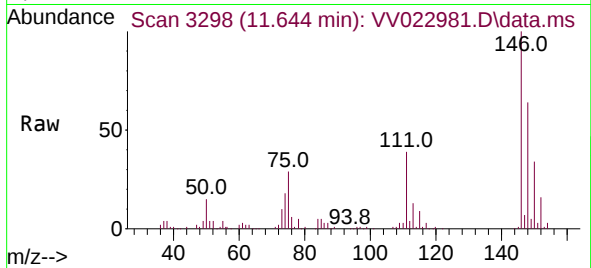




#67
1,2-Dichlorobenzene
Concen: 5.011 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

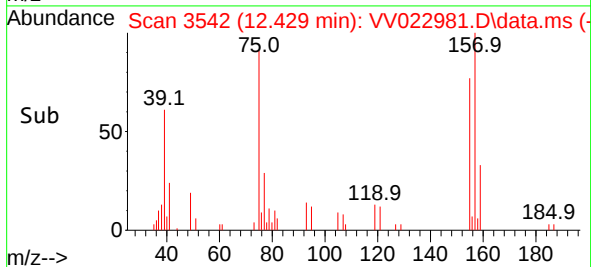
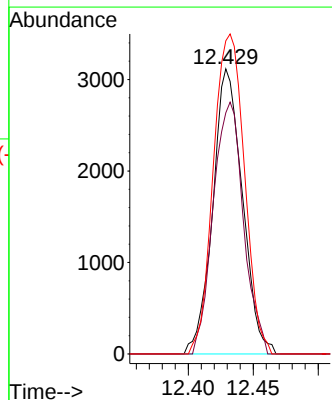
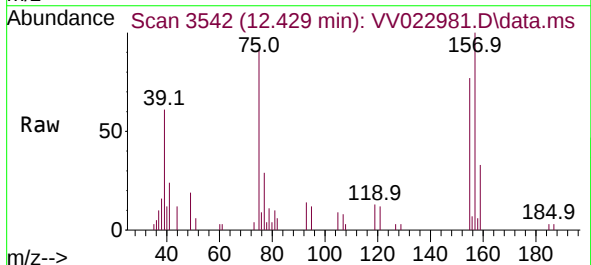
Instrument :
MSVOA_V
ClientSampleId :

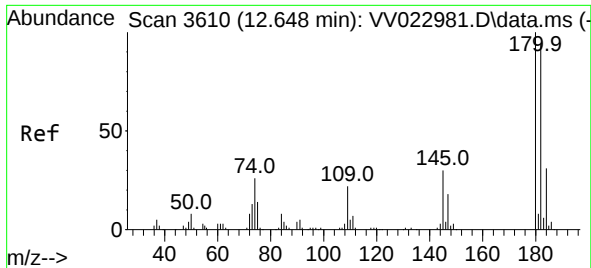
Tgt Ion:146 Resp: 90271
Ion Ratio Lower Upper
146 100
111 39.5 31.6 47.4
148 63.8 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.288 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022981.D
Acq: 22 Oct 2021 10:59

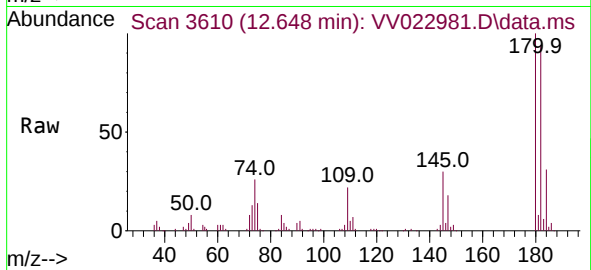
Tgt Ion: 75 Resp: 4940
Ion Ratio Lower Upper
75 100
155 84.6 67.7 101.5
157 109.9 87.9 131.9





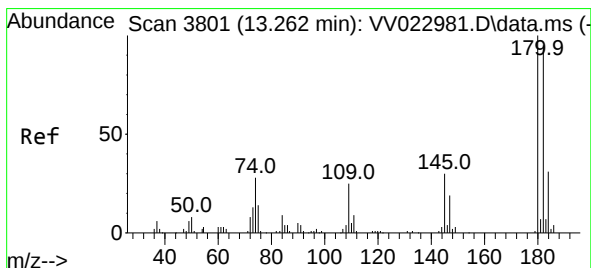
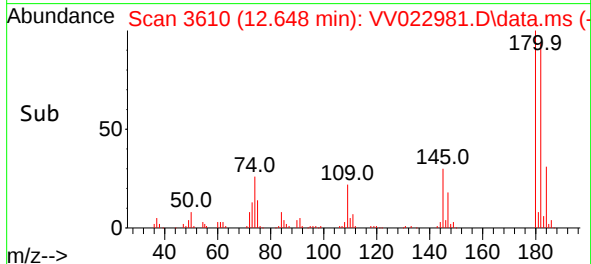
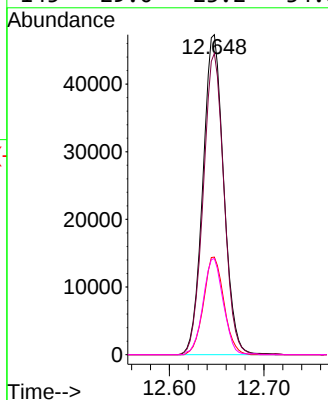
#69
 1,3,5-Trichlorobenzene
 Concen: 4.987 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.000 min
 Lab File: VV022981.D
 Acq: 22 Oct 2021 10:59

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 72341

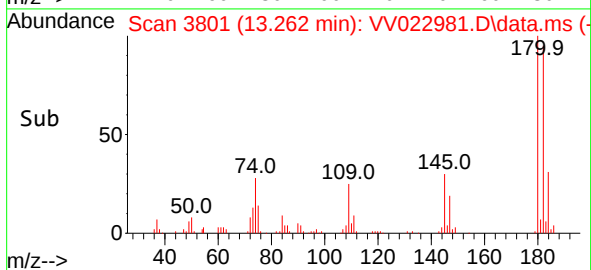
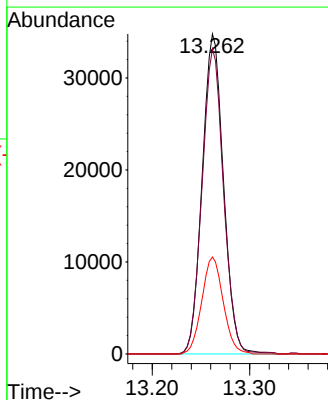
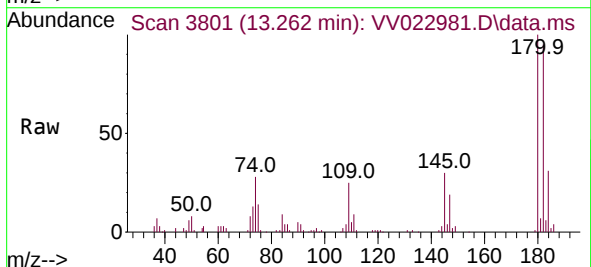
Ion	Ratio	Lower	Upper
180	100		
182	93.6	74.9	112.3
184	29.8	23.8	35.8
145	29.0	23.2	34.8

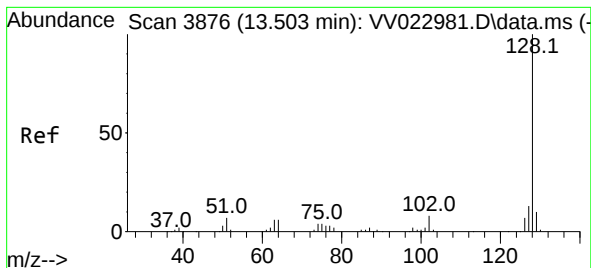


#70
 1,2,4-trichlorobenzene
 Concen: 4.794 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV022981.D
 Acq: 22 Oct 2021 10:59

Tgt Ion:180 Resp: 52623

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.9	115.3
145	30.5	24.4	36.6





#71

Naphthalene

Concen: 4.495 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

Instrument :

MSVOA_V

ClientSampleId :

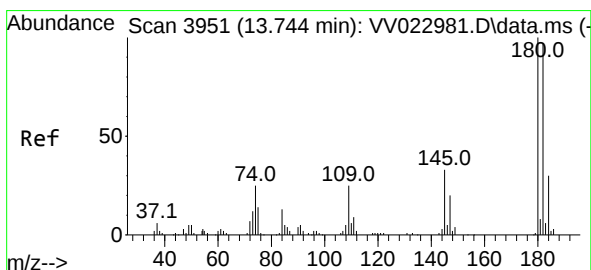
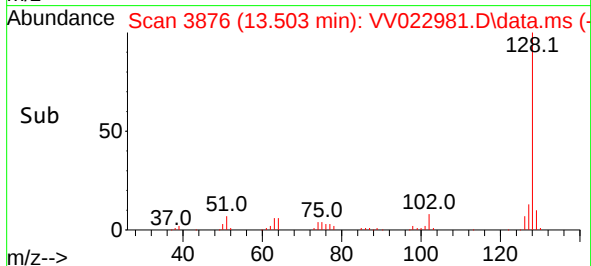
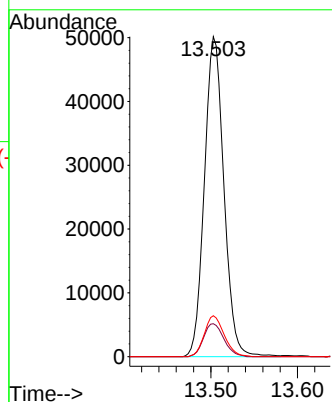
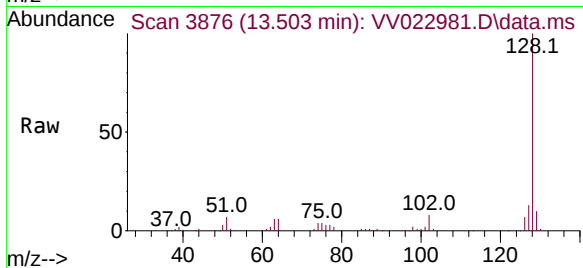
Tgt Ion:128 Resp: 78358

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.1 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 4.855 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV022981.D

Acq: 22 Oct 2021 10:59

Tgt Ion:180 Resp: 50176

Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

145 32.1 25.7 38.5

