

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023693.D
 Acq On : 24 Nov 2021 11:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 26 01:44:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 04:42:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	183378	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	176391	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	96142	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56300	3.740	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.568	69	45294	3.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.111	63	111843	4.216	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	3.908	46	73766	40.761	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.520%
24) Chloroform-d	4.346	84	113155	4.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.031	65	51769	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.047	84	214160	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.069	67	60521	4.493	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.313	98	202654	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.622	79	24917	4.589	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.088	63	94395	52.324	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44291	4.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	76106	4.477	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	90576	5.206	ug/L	100
3) Chloromethane	1.240	50	74191	4.905	ug/L	96
5) Vinyl chloride	1.310	62	80205	5.049	ug/L	96
6) Bromomethane	1.523	94	41304	4.586	ug/L	98
8) Chloroethane	1.584	64	49419	4.910	ug/L	97
9) Trichlorofluoromethane	1.754	101	133323	5.151	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	68821	5.306	ug/L	99
12) 1,1-Dichloroethene	2.117	96	64244	5.229	ug/L	98
13) Acetone	2.198	43	61476	37.752	ug/L	95
14) Carbon disulfide	2.294	76	215763	5.225	ug/L	99
15) Methyl Acetate	2.442	43	20374	5.512	ug/L	100
16) Methylene chloride	2.507	84	73097	4.169	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	142061	5.642	ug/L	100
18) trans-1,2-Dichloroethene	2.761	96	74116	5.296	ug/L	98
19) 1,1-Dichloroethane	3.188	63	124896	5.308	ug/L	99
21) 2-Butanone	3.986	43	91234	44.264	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	74863	5.578	ug/L	97
23) Bromochloromethane	4.246	128	34719	5.512	ug/L	91
25) Chloroform	4.371	83	133525	5.094	ug/L	96

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Instrument :
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Quant Time: Nov 26 01:44:18 2021
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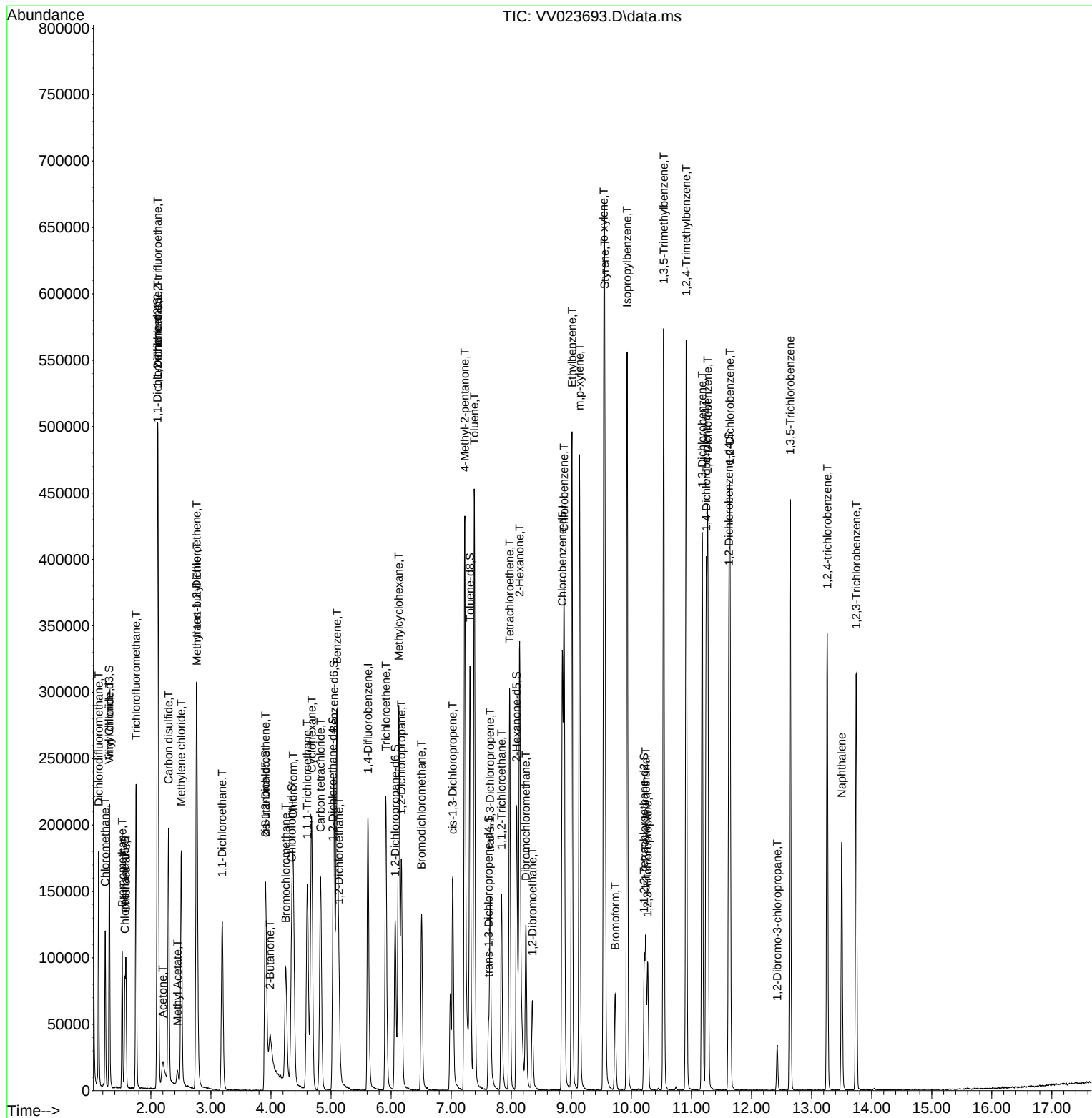
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	72774	5.222	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	127793	5.544	ug/L	99
30) Cyclohexane	4.677	56	111052	5.773	ug/L	98
31) Carbon tetrachloride	4.825	117	118047	5.591	ug/L	99
33) Benzene	5.098	78	285864	5.685	ug/L	100
34) Trichloroethene	5.912	95	77183	5.730	ug/L	97
35) Methylcyclohexane	6.127	83	123639	5.887	ug/L	97
37) 1,2-Dichloropropane	6.172	63	65071	5.443	ug/L	100
38) Bromodichloromethane	6.506	83	91827	5.660	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	99143	5.828	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	332970	58.353	ug/L	99
42) Toluene	7.384	91	323289	5.928	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	85205	5.960	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	47713	5.765	ug/L	98
47) Tetrachloroethene	7.973	164	67472	5.503	ug/L	96
48) 2-Hexanone	8.140	43	244920	58.073	ug/L	98
49) Dibromochloromethane	8.243	129	64041	5.646	ug/L	98
50) 1,2-Dibromoethane	8.352	107	45578	5.647	ug/L	94
51) Chlorobenzene	8.879	112	209045	5.782	ug/L	98
52) Ethylbenzene	9.011	91	340530	5.974	ug/L	100
53) m,p-xylene	9.136	106	133892	5.901	ug/L	98
54) o-xylene	9.542	106	131110	6.076	ug/L	99
55) Styrene	9.558	104	222975	6.133	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	51798	5.625	ug/L	99
59) Bromoform	9.731	173	34865	5.491	ug/L	99
60) Isopropylbenzene	9.931	105	352045	6.133	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	37245	5.462	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	294607	6.167	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	301051	6.373	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	173120	5.898	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	170914	5.794	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	154257	5.743	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	8095	5.979	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	137105	5.983	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	105650	5.942	ug/L	97
71) Naphthalene	13.503	128	149352	6.242	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	93248	6.052	ug/L	98

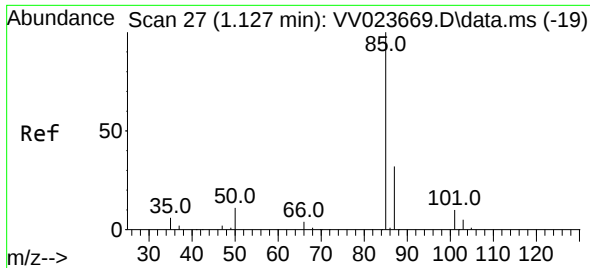
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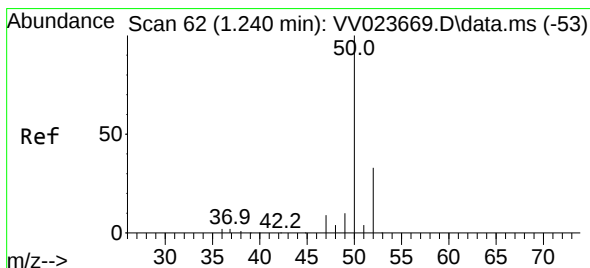
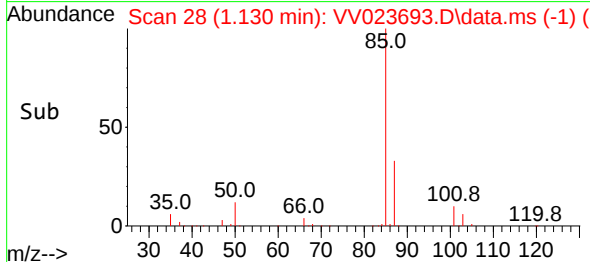
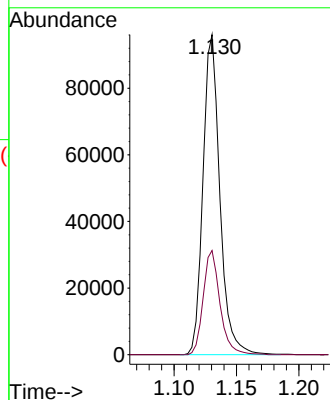
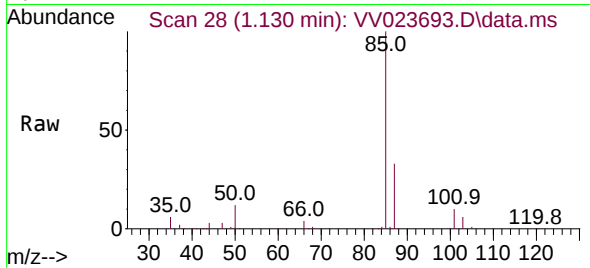




#2
 Dichlorodifluoromethane
 Concen: 5.206 ug/L
 RT: 1.130 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VV023693.D
 Acq: 24 Nov 2021 11:18

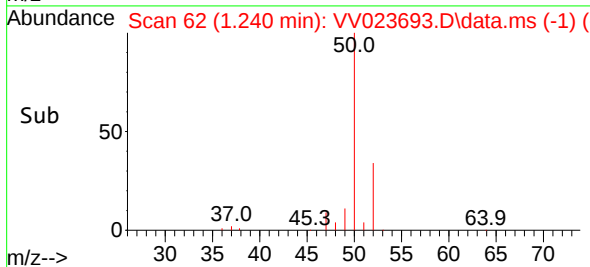
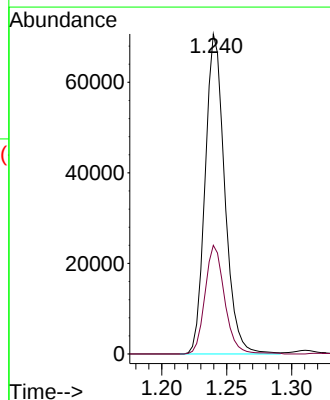
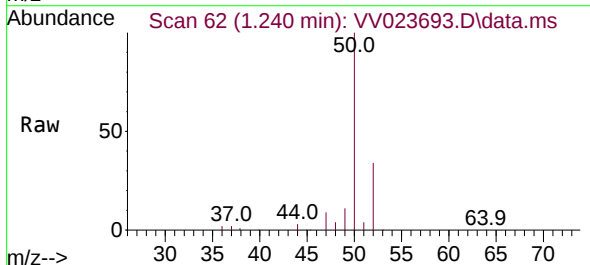
Instrument :
 MSVOA_V
 ClientSampleId :

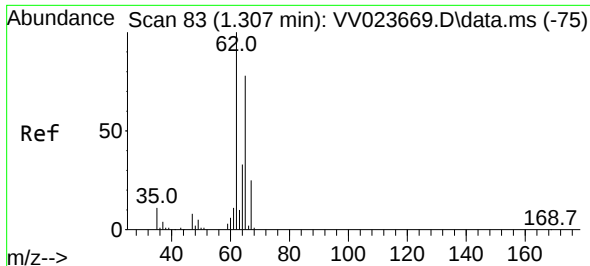
Tgt Ion: 85 Resp: 90576
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0



#3
 Chloromethane
 Concen: 4.905 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023693.D
 Acq: 24 Nov 2021 11:18

Tgt Ion: 50 Resp: 74191
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.0 41.0

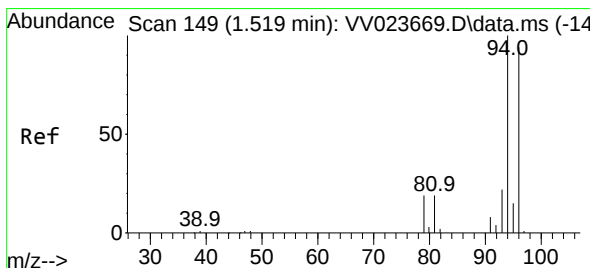
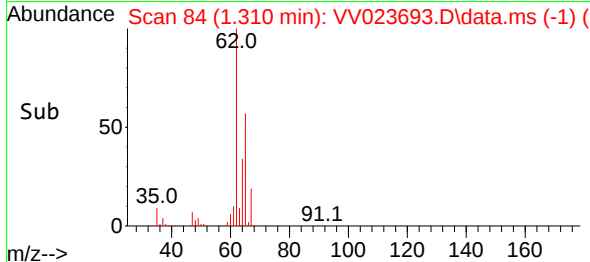
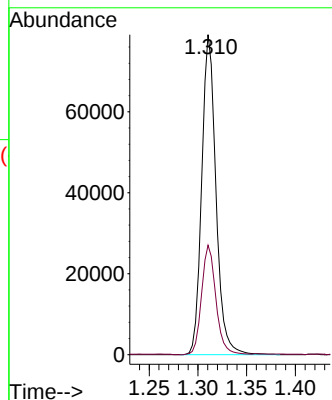
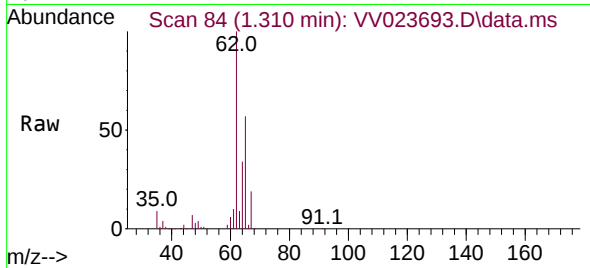




#5
 Vinyl chloride
 Concen: 5.049 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023693.D
 Acq: 24 Nov 2021 11:18

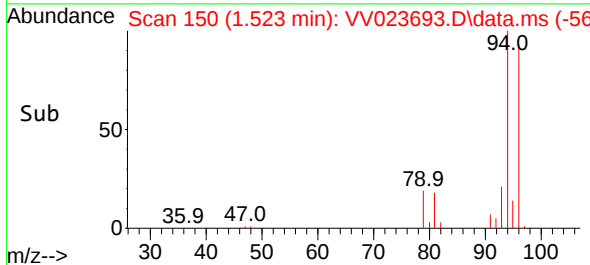
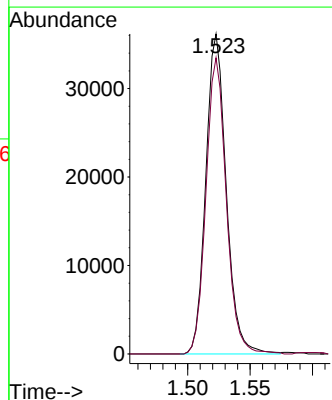
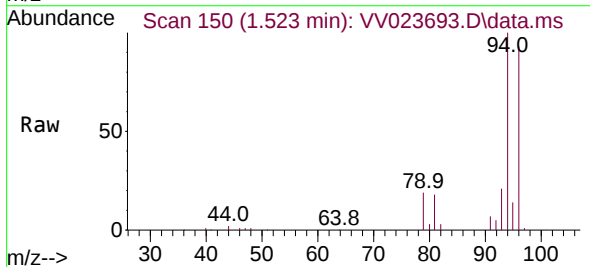
Instrument :
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 ClientSampleId :

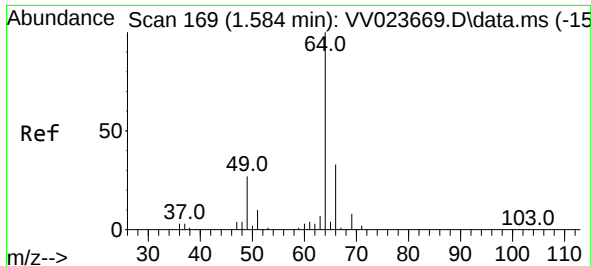
Tgt Ion: 62 Resp: 80205
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.4 41.6



#6
 Bromomethane
 Concen: 4.586 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV023693.D
 Acq: 24 Nov 2021 11:18

Tgt Ion: 94 Resp: 41304
 Ion Ratio Lower Upper
 94 100
 96 92.6 66.2 123.0

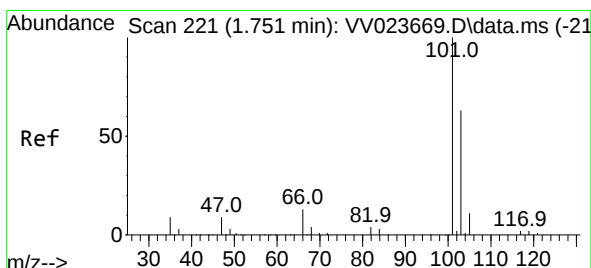
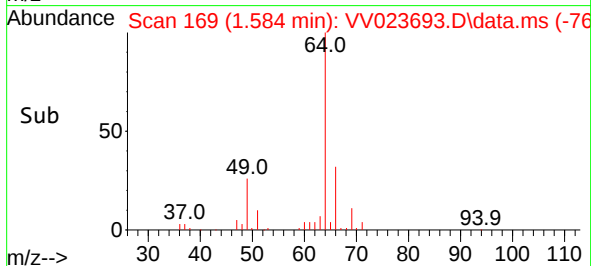
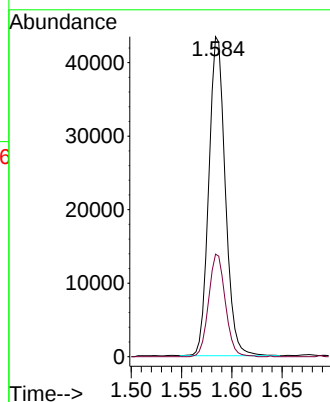
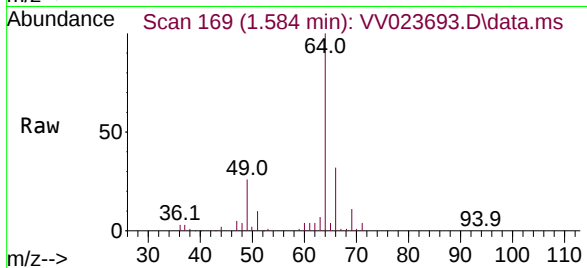




#8
Chloroethane
Concen: 4.910 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

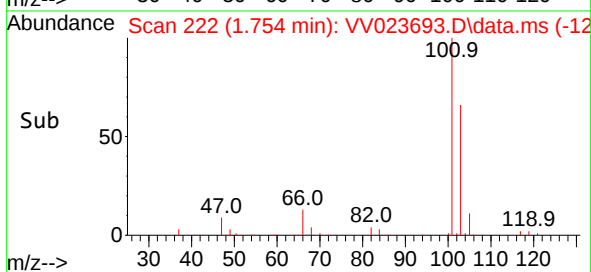
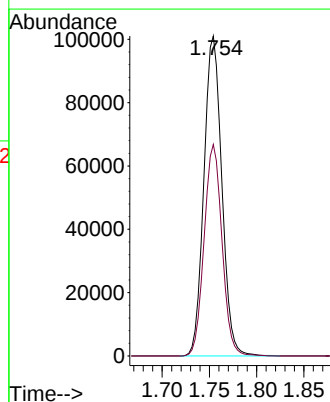
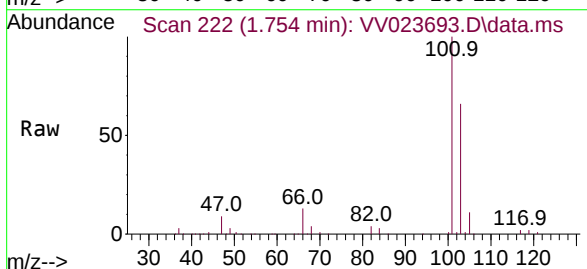
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ClientSampleId :

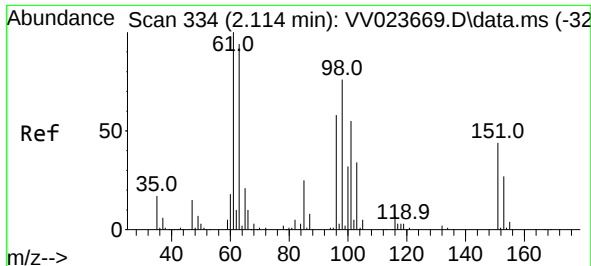
Tgt Ion: 64 Resp: 49419
Ion Ratio Lower Upper
64 100
66 32.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.151 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

Tgt Ion:101 Resp: 133323
Ion Ratio Lower Upper
101 100
103 65.8 51.6 77.4

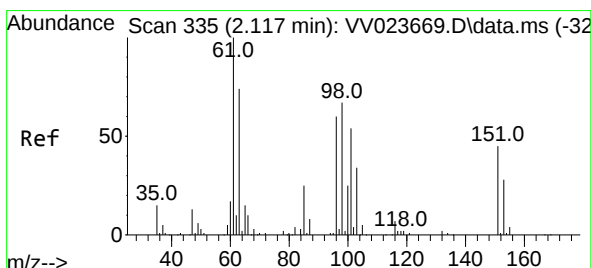
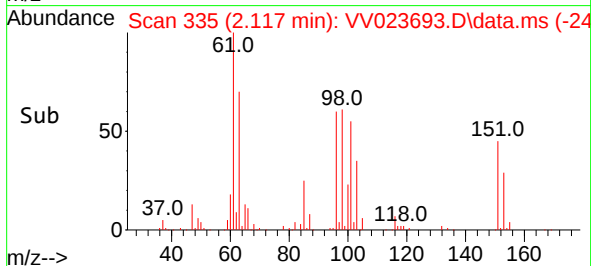
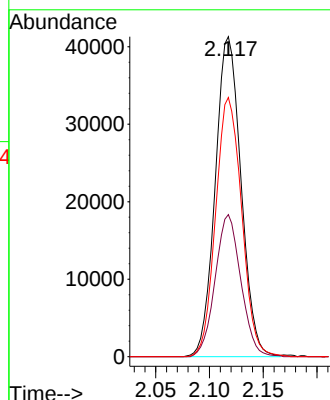
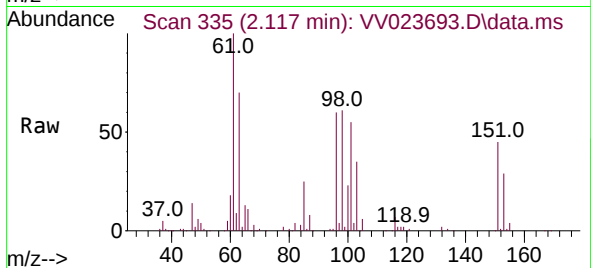




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.306 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

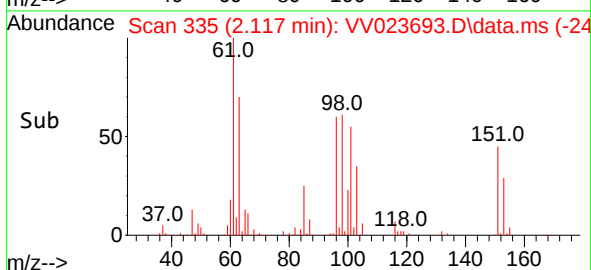
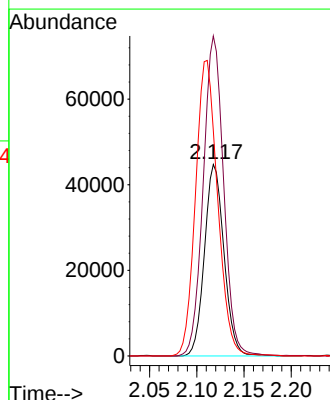
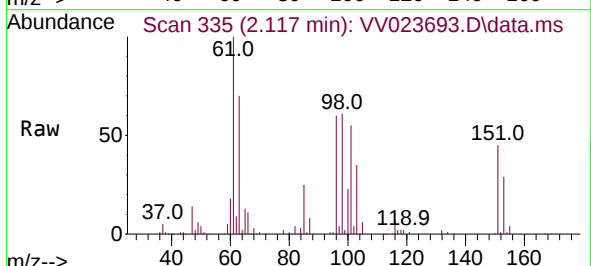
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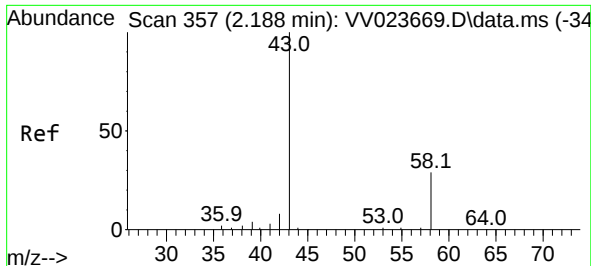
Tgt Ion:101 Resp: 68821
Ion Ratio Lower Upper
101 100
85 44.2 36.0 54.0
151 81.9 66.4 99.6



#12
1,1-Dichloroethene
Concen: 5.229 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

Tgt Ion: 96 Resp: 64244
Ion Ratio Lower Upper
96 100
61 167.1 116.1 215.5
63 117.7 79.4 147.4





#13

Acetone

Concen: 37.752 ug/L

RT: 2.198 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV023693.D

Acq: 24 Nov 2021 11:18

Instrument :

MSVOA_V

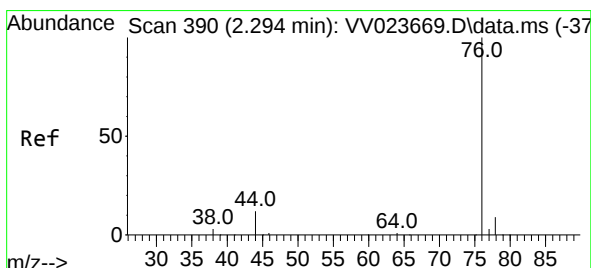
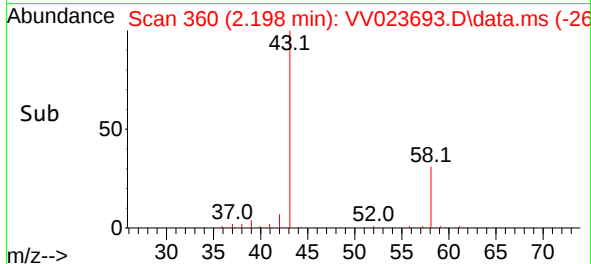
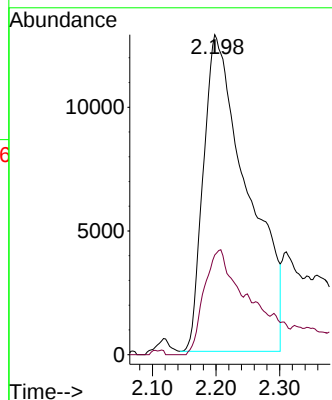
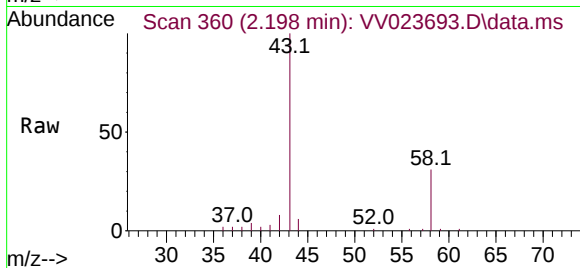
ClientSampleId :

Tgt Ion: 43 Resp: 61476

Ion Ratio Lower Upper

43 100

58 23.2 0.0 41.4



#14

Carbon disulfide

Concen: 5.225 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV023693.D

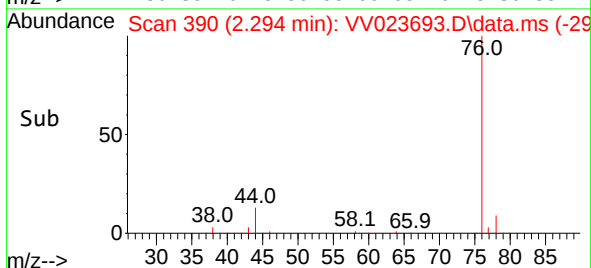
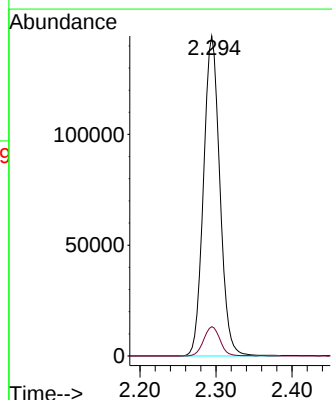
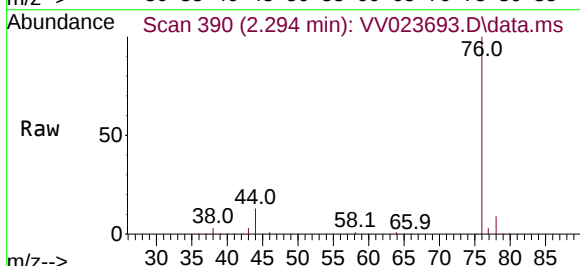
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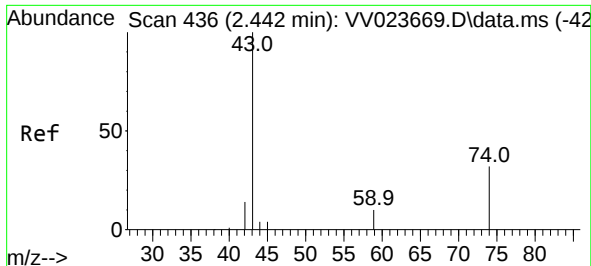
Tgt Ion: 76 Resp: 215763

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

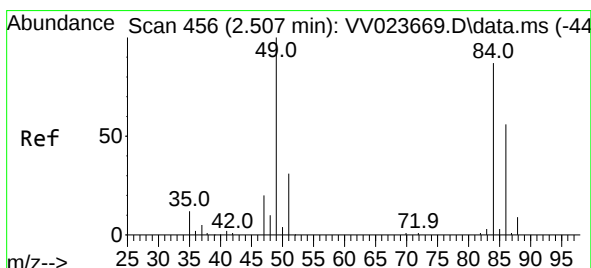
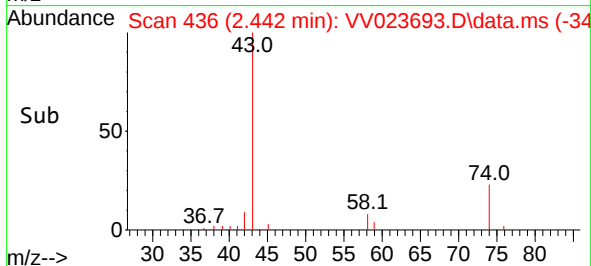
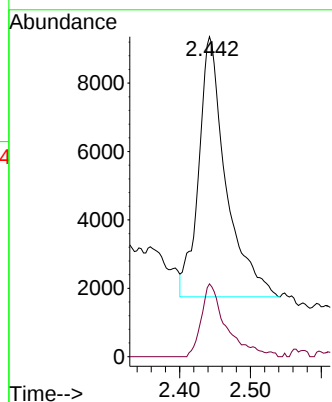
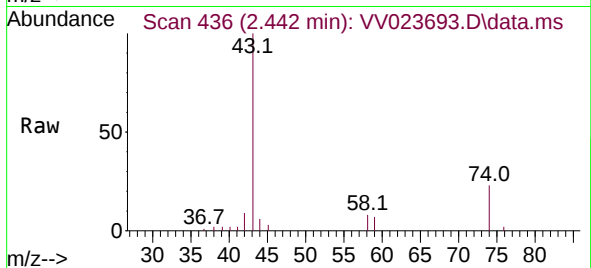




#15
Methyl Acetate
Concen: 5.512 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

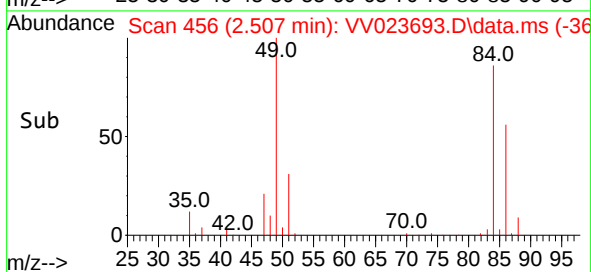
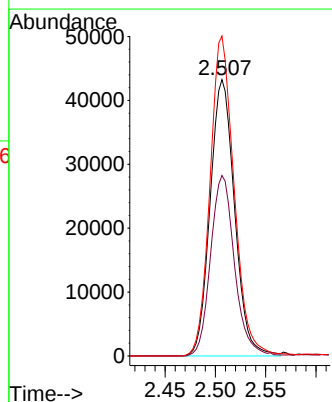
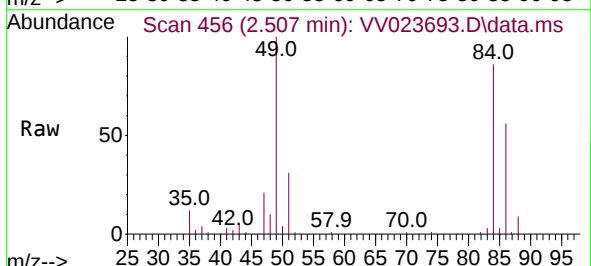
Instrument :
MSVOA_V
ClientSampleId :

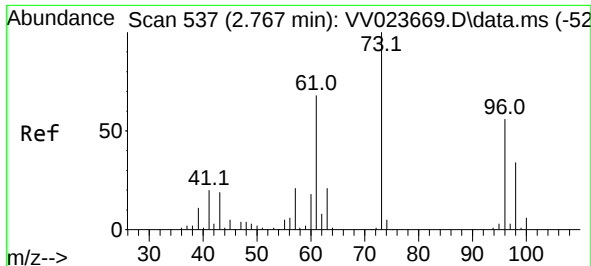
Tgt Ion: 43 Resp: 20374
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2



#16
Methylene chloride
Concen: 4.169 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

Tgt Ion: 84 Resp: 73097
Ion Ratio Lower Upper
84 100
86 65.3 42.6 79.0
49 115.8 79.7 147.9

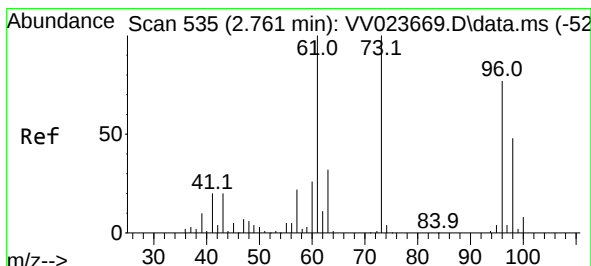
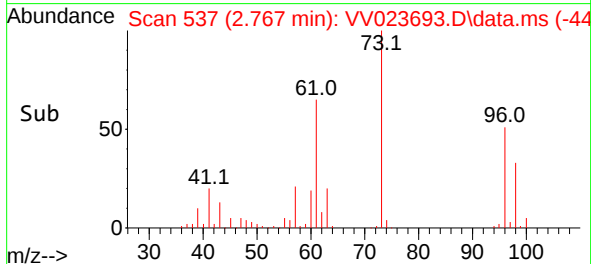
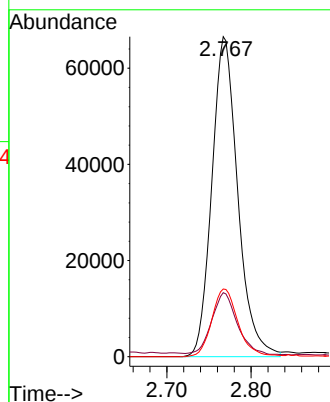
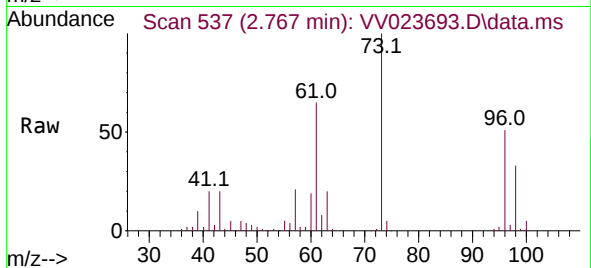




#17
Methyl tert-butyl Ether
Concen: 5.642 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

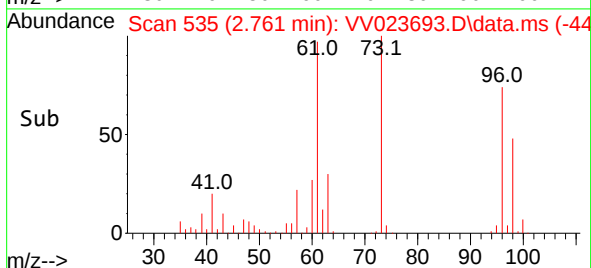
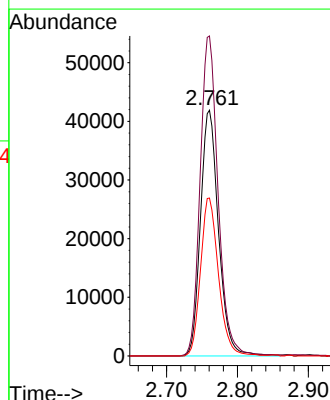
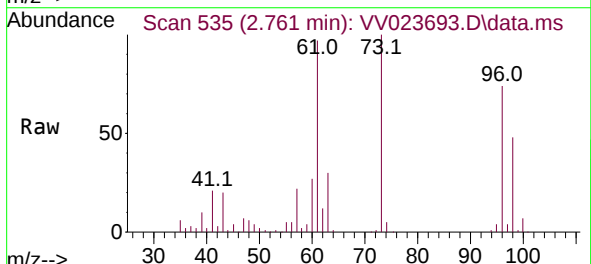
Instrument :
MSVOA_V
ClientSampleId :

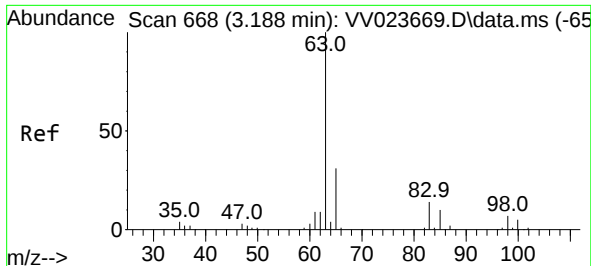
Tgt Ion: 73 Resp: 142061
Ion Ratio Lower Upper
73 100
43 19.4 15.5 23.3
57 21.5 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.296 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

Tgt Ion: 96 Resp: 74116
Ion Ratio Lower Upper
96 100
61 130.2 88.2 163.8
98 64.3 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.308 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV023693.D

Acq: 24 Nov 2021 11:18

Instrument :

MSVOA_V

ClientSampleId :

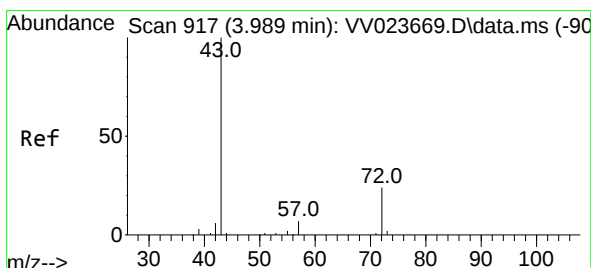
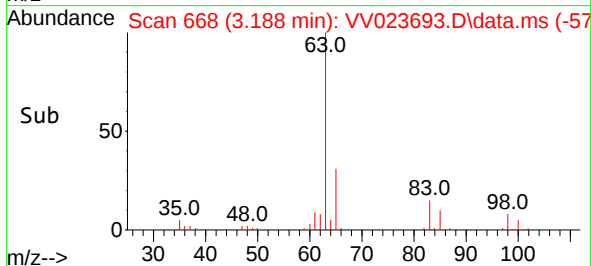
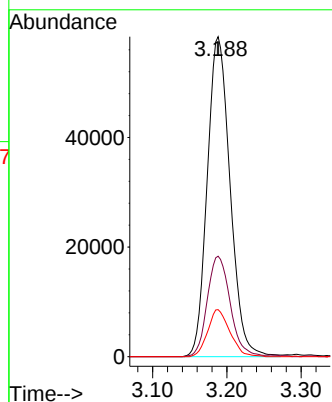
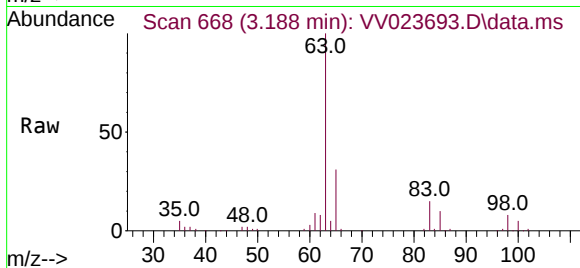
Tgt Ion: 63 Resp: 124896

Ion Ratio Lower Upper

63 100

65 31.4 22.3 41.3

83 14.7 10.7 19.9



#21

2-Butanone

Concen: 44.264 ug/L

RT: 3.986 min Scan# 916

Delta R.T. -0.003 min

Lab File: VV023693.D

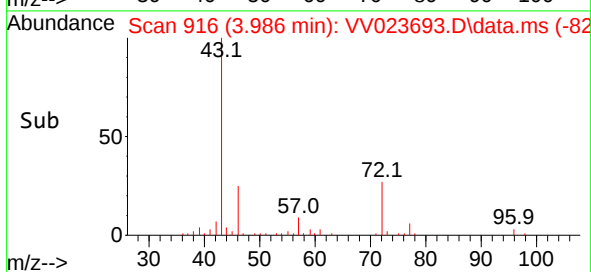
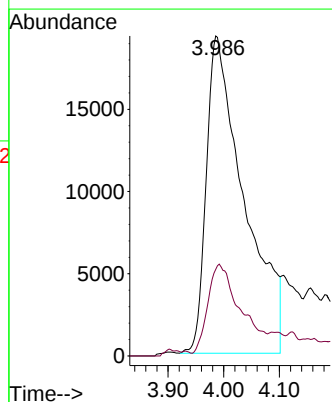
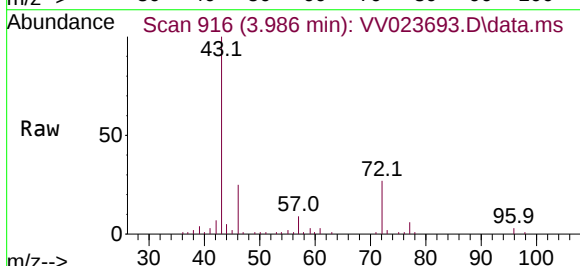
Acq: 24 Nov 2021 11:18

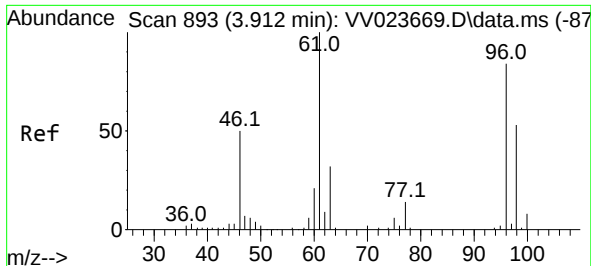
Tgt Ion: 43 Resp: 91234

Ion Ratio Lower Upper

43 100

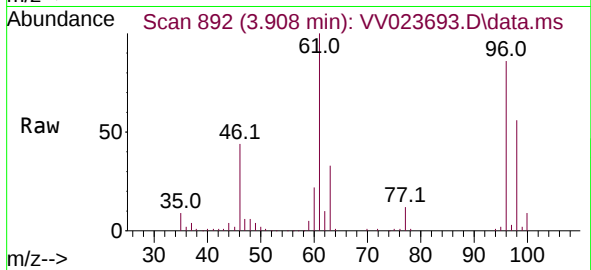
72 24.2 11.1 33.1



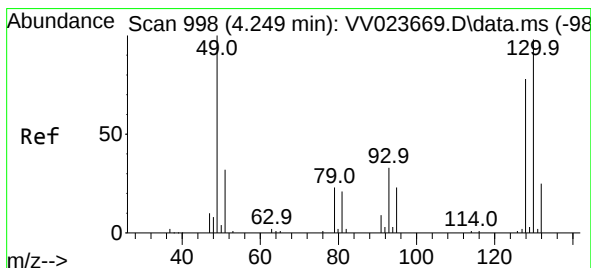
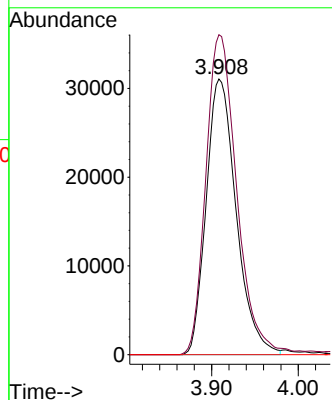
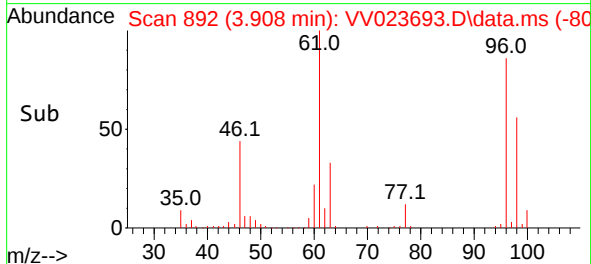


#22
 cis-1,2-Dichloroethene
 Concen: 5.578 ug/L
 RT: 3.908 min Scan# 893
 Delta R.T. -0.003 min
 Lab File: VV023693.D
 Acq: 24 Nov 2021 11:18

Instrument :
 MSVOA_V
 ClientSampleId :

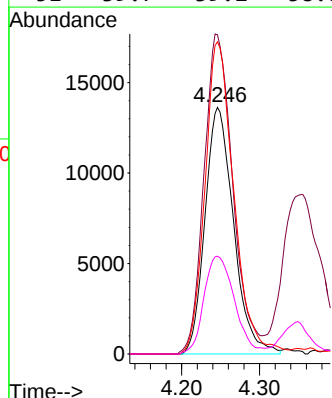
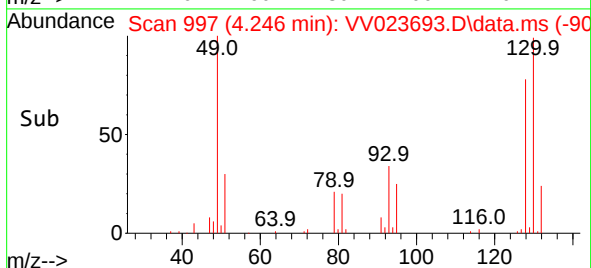
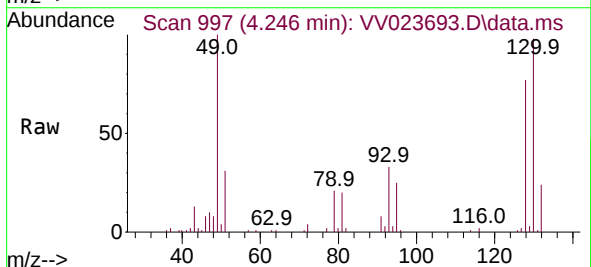


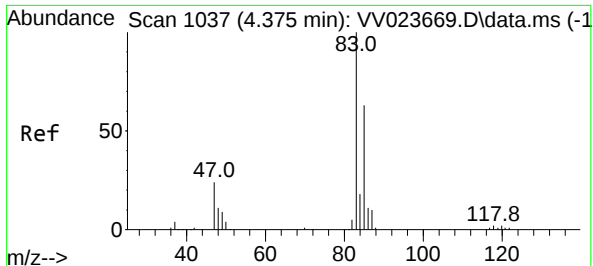
Tgt Ion: 96 Resp: 74863
 Ion Ratio Lower Upper
 96 100
 61 116.1 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.512 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.003 min
 Lab File: VV023693.D
 Acq: 24 Nov 2021 11:18

Tgt Ion: 128 Resp: 34719
 Ion Ratio Lower Upper
 128 100
 49 129.5 100.2 186.2
 130 126.6 92.5 171.7
 51 39.7 39.2 58.8

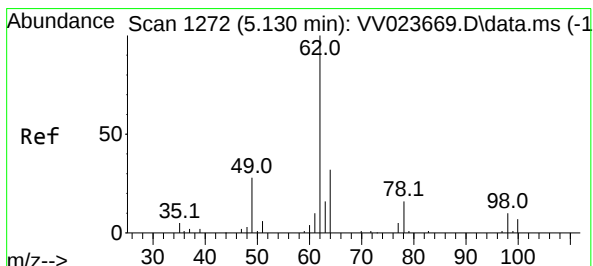
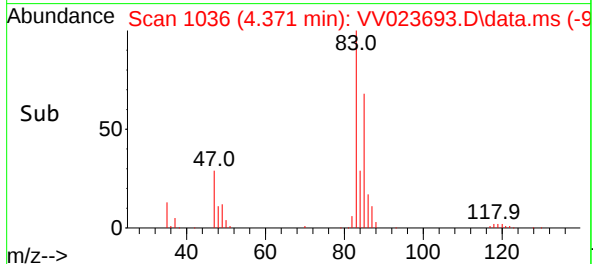
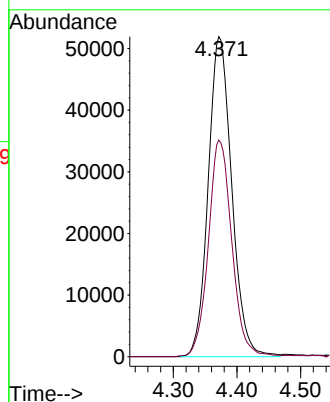
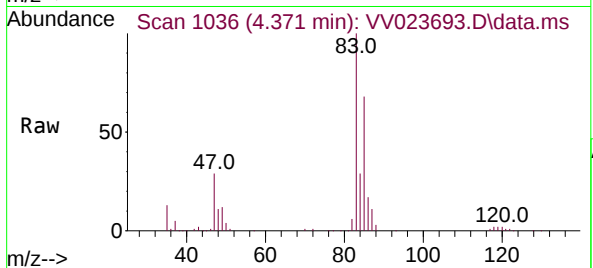




#25
Chloroform
Concen: 5.094 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

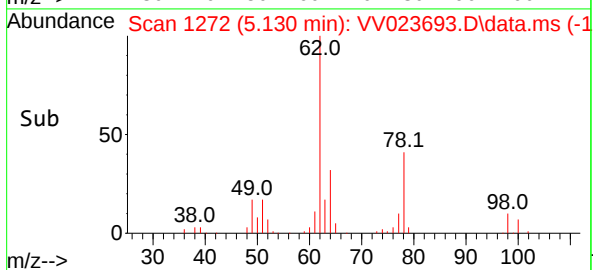
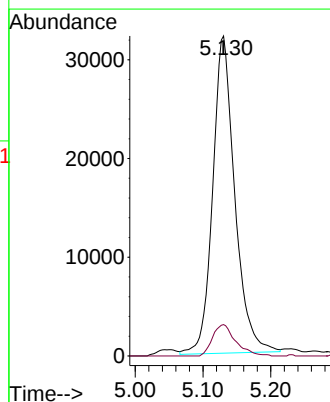
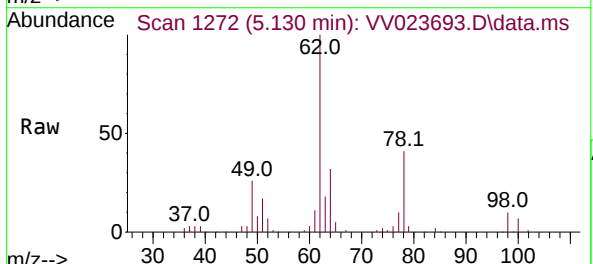
Instrument :
MSVOA_V
ClientSampleId :

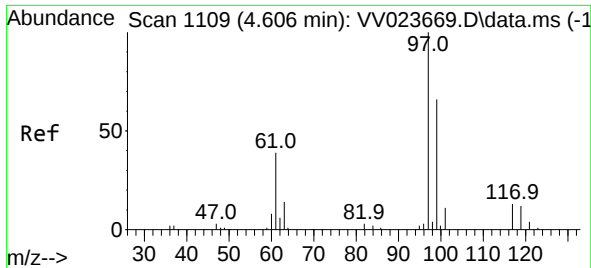
Tgt Ion: 83 Resp: 133525
Ion Ratio Lower Upper
83 100
85 67.7 45.2 84.0



#27
1,2-Dichloroethane
Concen: 5.222 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

Tgt Ion: 62 Resp: 72774
Ion Ratio Lower Upper
62 100
98 9.8 8.1 12.1

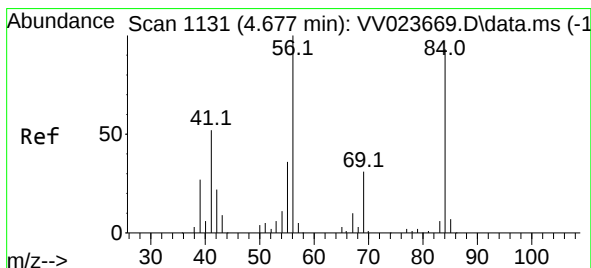
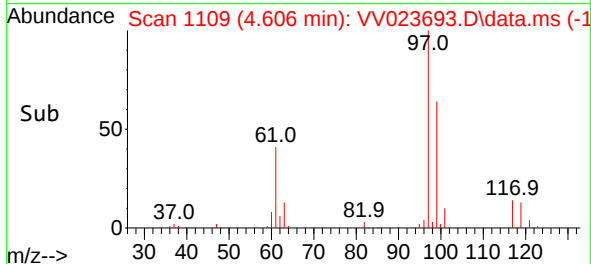
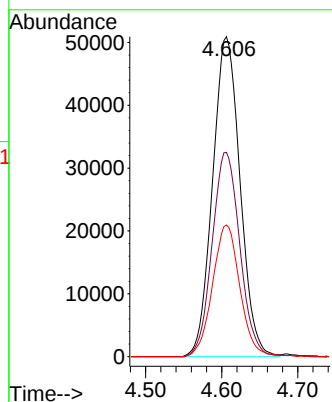
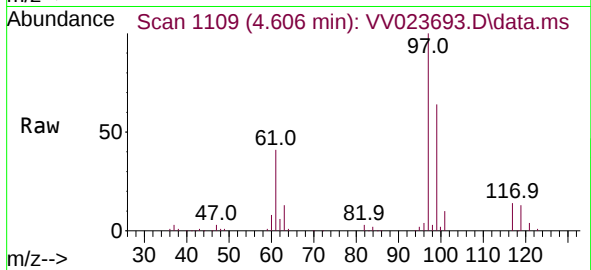




#29
1,1,1-Trichloroethane
Concen: 5.544 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

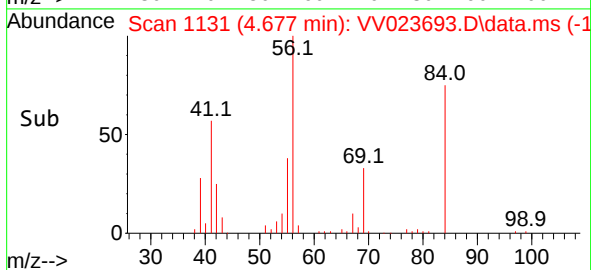
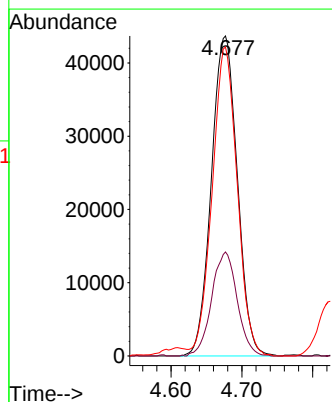
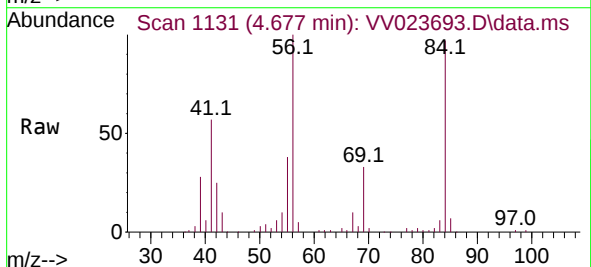
Instrument :
MSVOA_V
ClientSampleId :

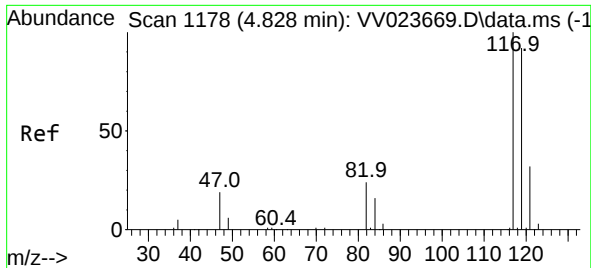
Tgt Ion: 97 Resp: 127793
Ion Ratio Lower Upper
97 100
99 64.4 51.9 77.9
61 41.2 33.2 49.8



#30
Cyclohexane
Concen: 5.773 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

Tgt Ion: 56 Resp: 111052
Ion Ratio Lower Upper
56 100
69 32.0 24.8 37.2
84 93.3 75.9 113.9

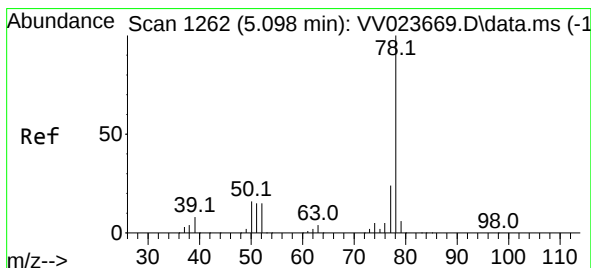
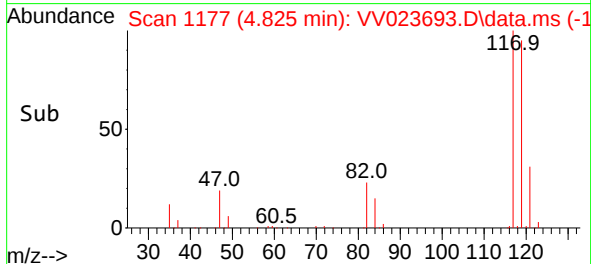
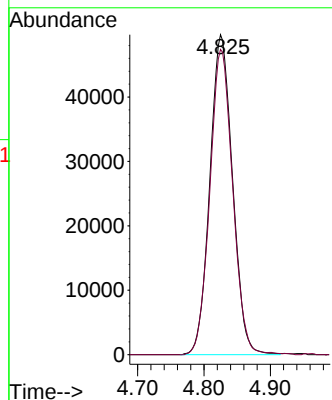
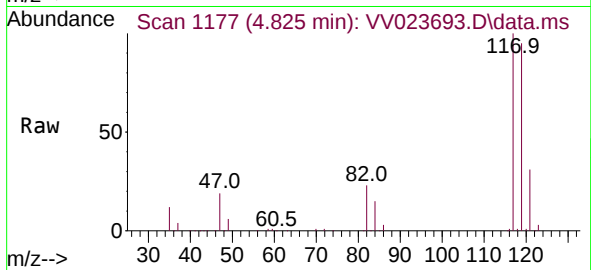




#31
Carbon tetrachloride
Concen: 5.591 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

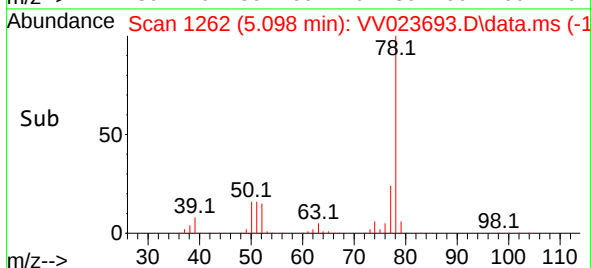
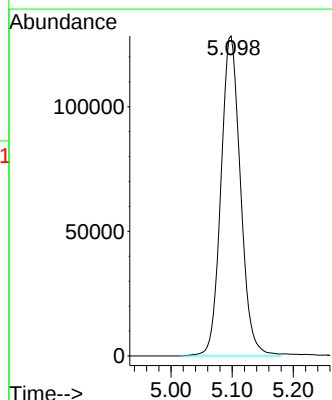
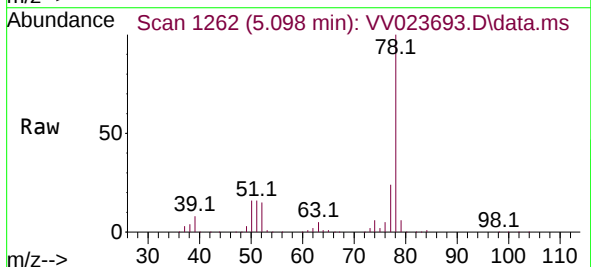
Instrument :
MSVOA_V
ClientSampleId :

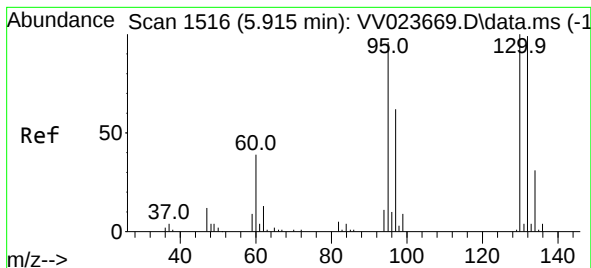
Tgt Ion:117 Resp: 118047
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8



#33
Benzene
Concen: 5.685 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

Tgt Ion: 78 Resp: 285864





#34

Trichloroethene

Concen: 5.730 ug/L

RT: 5.912 min Scan# 1516

Delta R.T. -0.003 min

Lab File: VV023693.D

Acq: 24 Nov 2021 11:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 77183

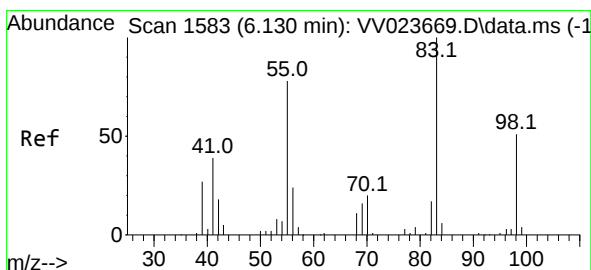
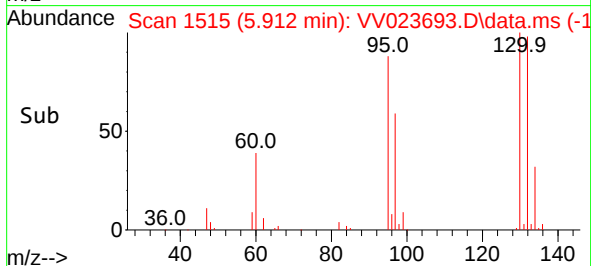
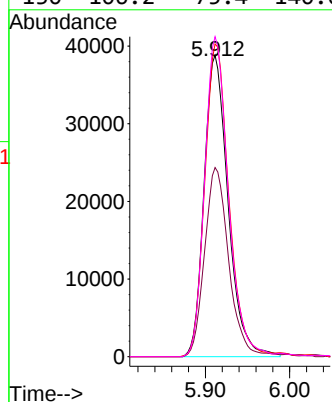
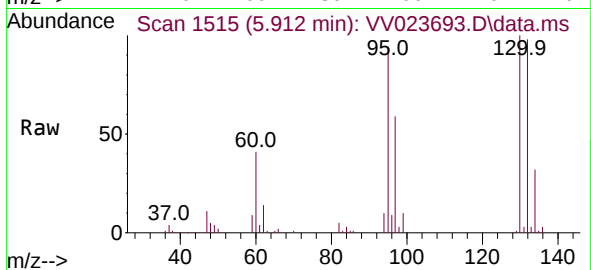
Ion Ratio Lower Upper

95 100

97 62.7 45.2 84.0

132 103.8 76.1 141.3

130 106.2 75.4 140.0



#35

Methylcyclohexane

Concen: 5.887 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV023693.D

Acq: 24 Nov 2021 11:18

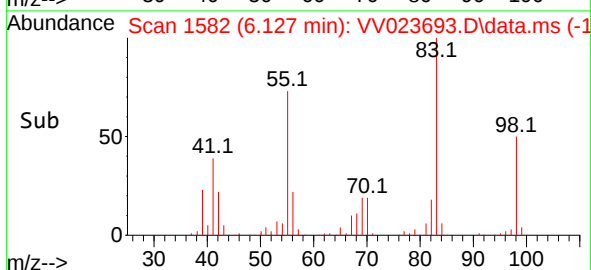
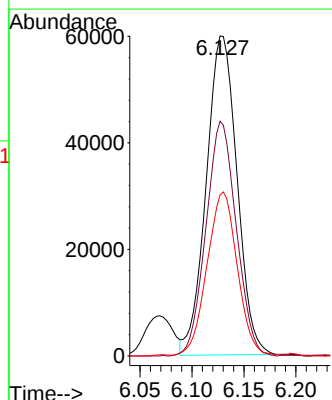
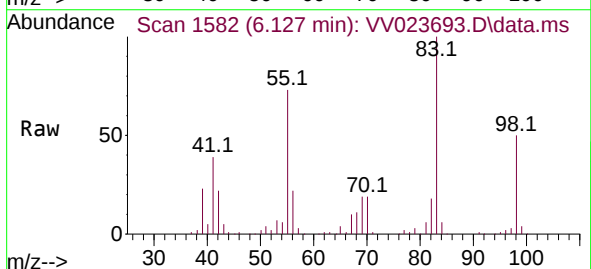
Tgt Ion: 83 Resp: 123639

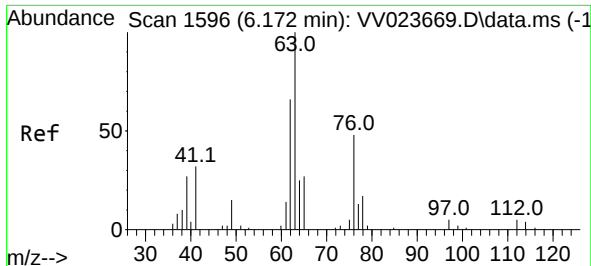
Ion Ratio Lower Upper

83 100

55 72.4 60.2 90.2

98 49.9 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.443 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV023693.D

Acq: 24 Nov 2021 11:18

Instrument :

MSVOA_V

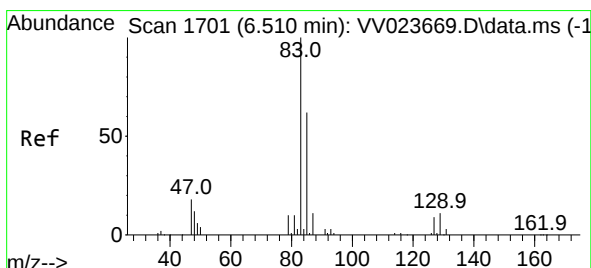
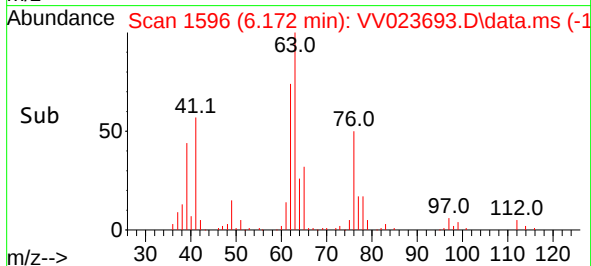
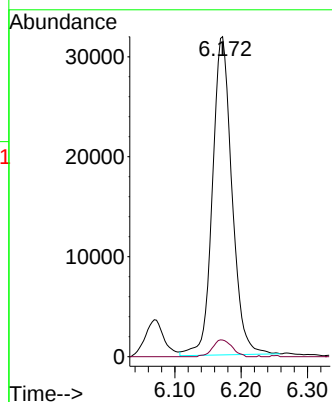
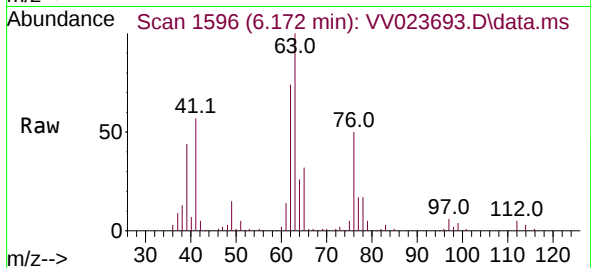
ClientSampleId :

Tgt Ion: 63 Resp: 65071

Ion Ratio Lower Upper

63 100

112 5.3 4.3 6.5



#38

Bromodichloromethane

Concen: 5.660 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV023693.D

Acq: 24 Nov 2021 11:18

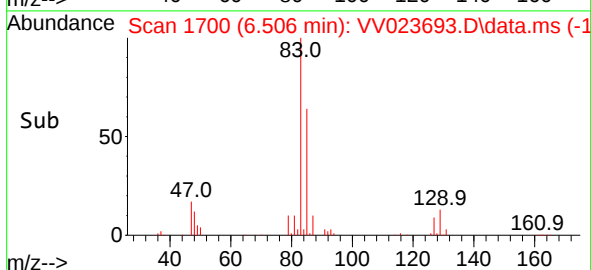
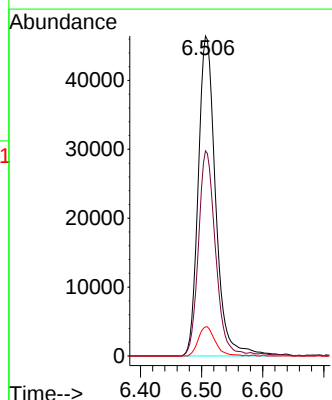
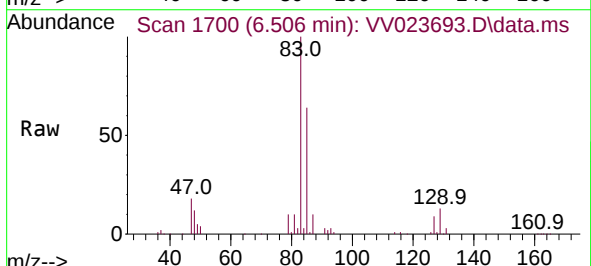
Tgt Ion: 83 Resp: 91827

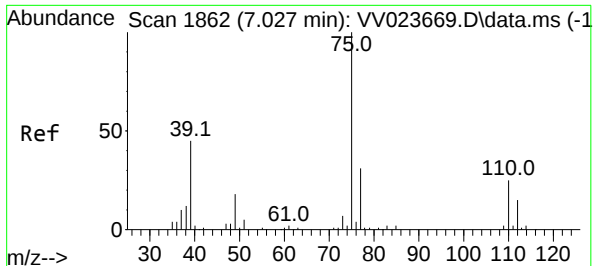
Ion Ratio Lower Upper

83 100

85 64.1 44.0 81.8

127 9.1 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.828 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV023693.D

Acq: 24 Nov 2021 11:18

Instrument :

MSVOA_V

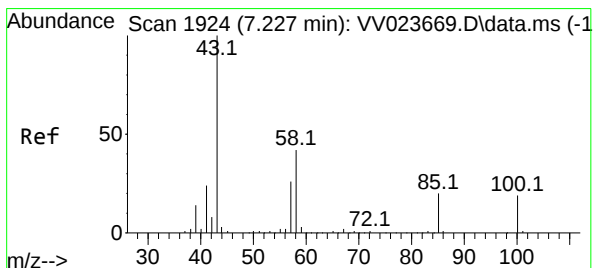
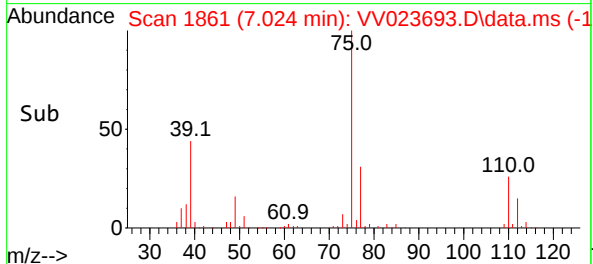
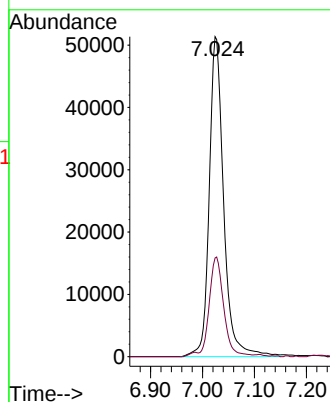
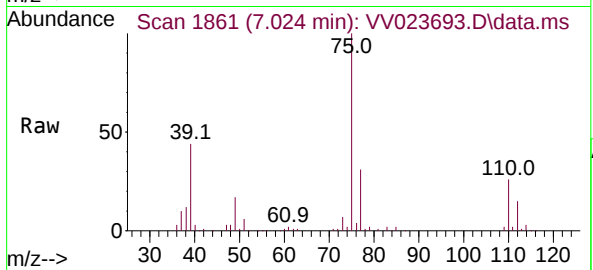
ClientSampleId :

Tgt Ion: 75 Resp: 99143

Ion Ratio Lower Upper

75 100

77 30.8 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 58.353 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV023693.D

Acq: 24 Nov 2021 11:18

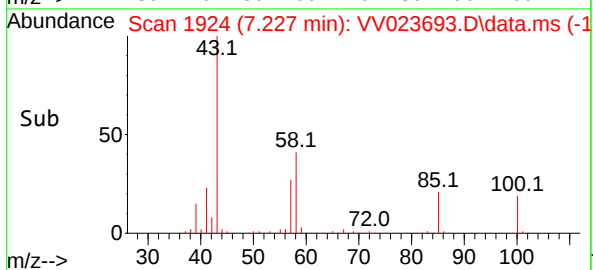
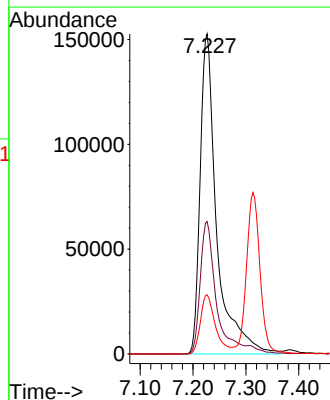
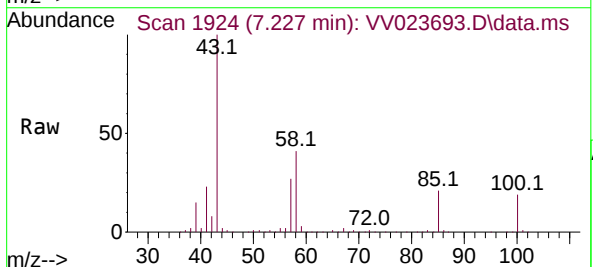
Tgt Ion: 43 Resp: 332970

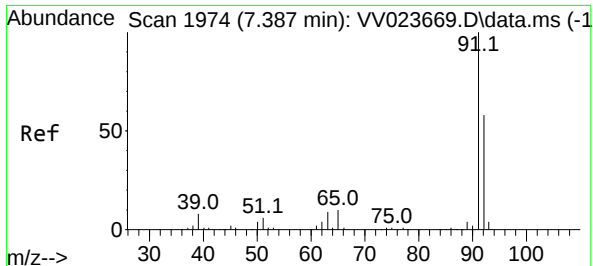
Ion Ratio Lower Upper

43 100

58 39.5 32.3 48.5

100 16.7 13.0 19.6





#42

Toluene

Concen: 5.928 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV023693.D

Acq: 24 Nov 2021 11:18

Instrument :

MSVOA_V

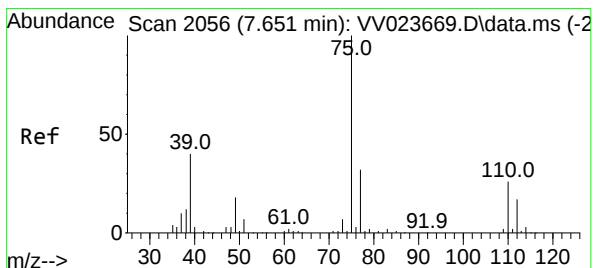
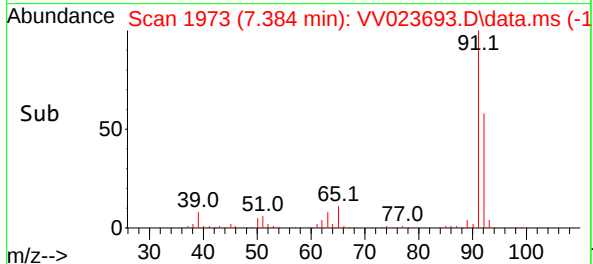
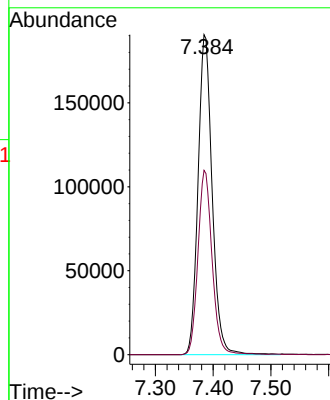
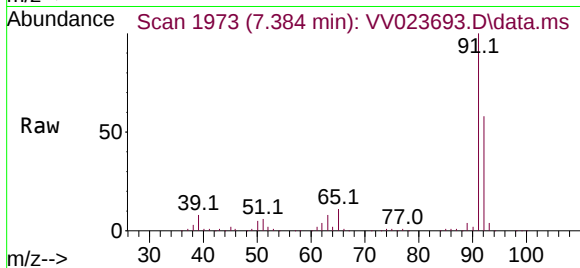
ClientSampleId :

Tgt Ion: 91 Resp: 323289

Ion Ratio Lower Upper

91 100

92 57.6 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.960 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV023693.D

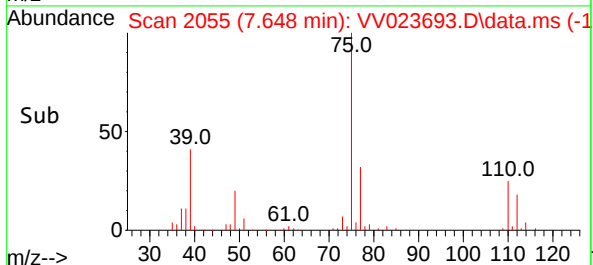
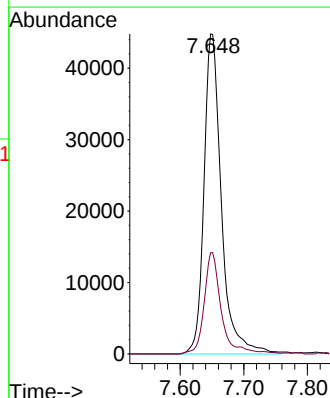
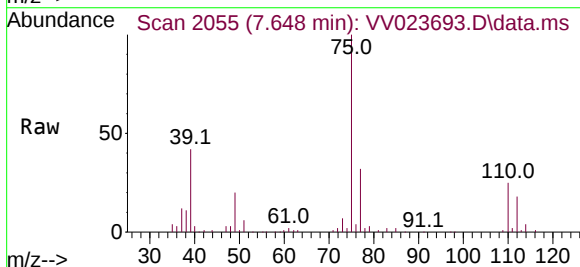
Acq: 24 Nov 2021 11:18

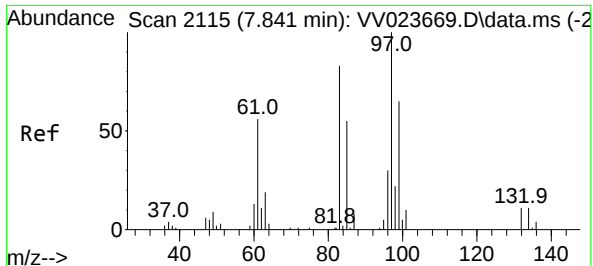
Tgt Ion: 75 Resp: 85205

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.765 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV023693.D

Acq: 24 Nov 2021 11:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 47713

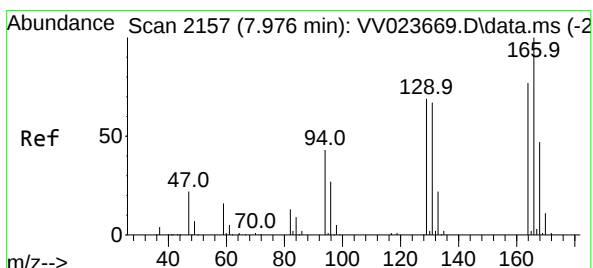
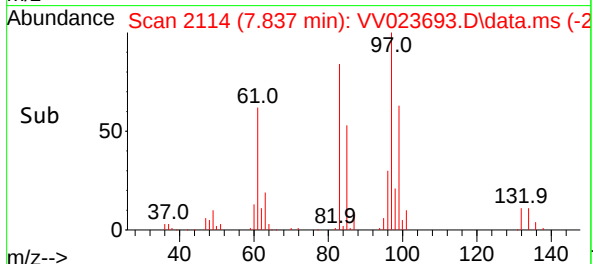
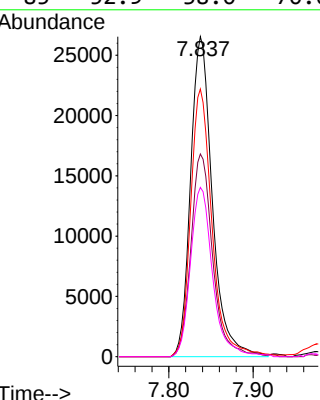
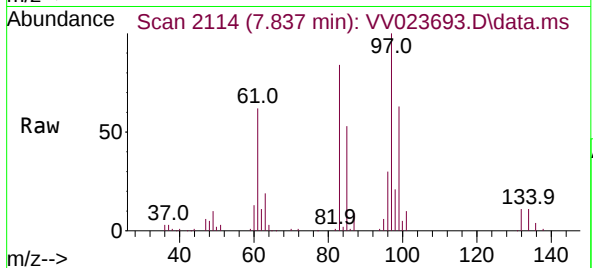
Ion Ratio Lower Upper

97 100

99 63.4 43.1 80.1

83 83.7 57.9 107.5

85 52.9 38.0 70.6



#47

Tetrachloroethene

Concen: 5.503 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV023693.D

Acq: 24 Nov 2021 11:18

Tgt Ion:164 Resp: 67472

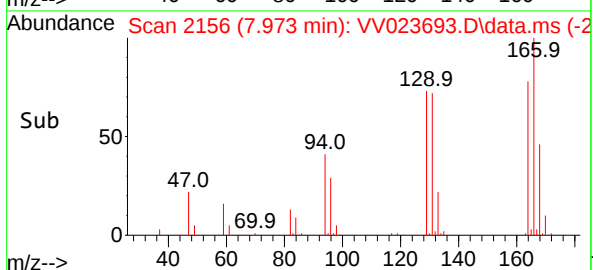
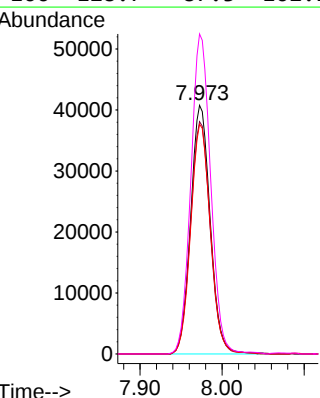
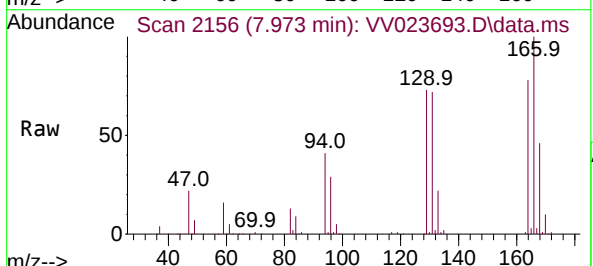
Ion Ratio Lower Upper

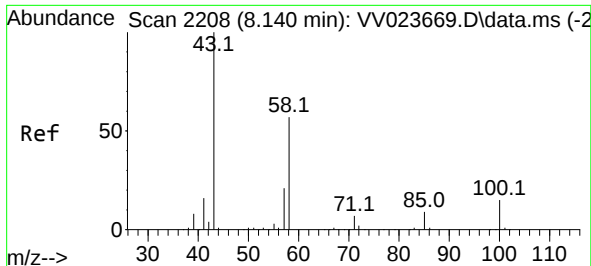
164 100

129 93.4 62.6 116.2

131 92.4 61.0 113.4

166 128.7 87.3 162.1



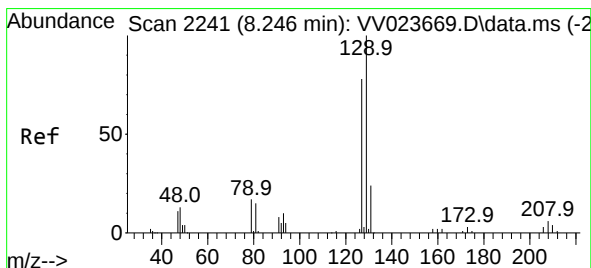
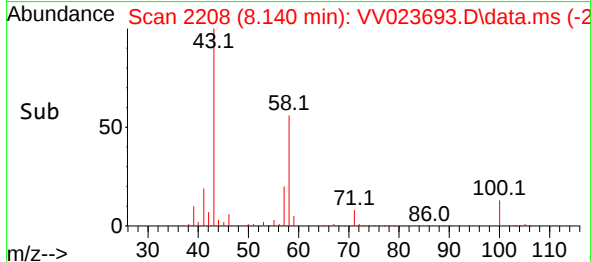
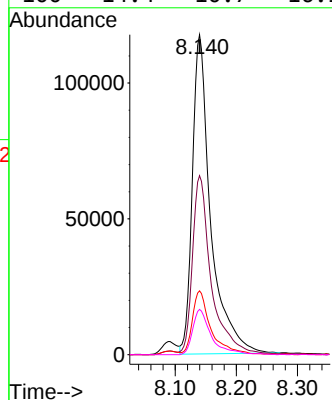
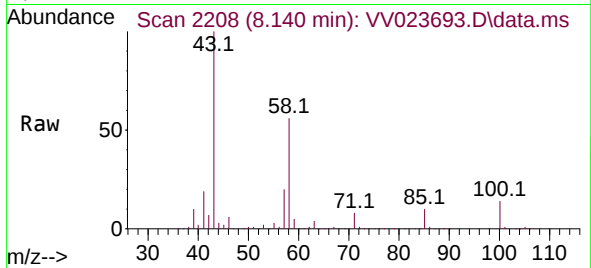


#48
2-Hexanone
Concen: 58.073 ug/L
RT: 8.140 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 244920

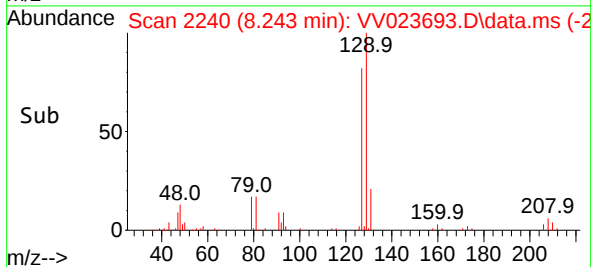
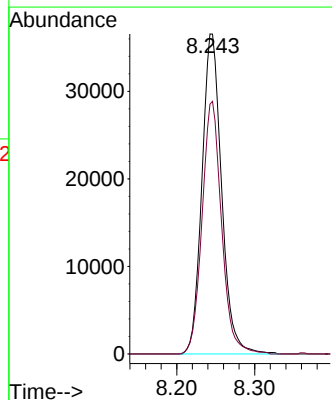
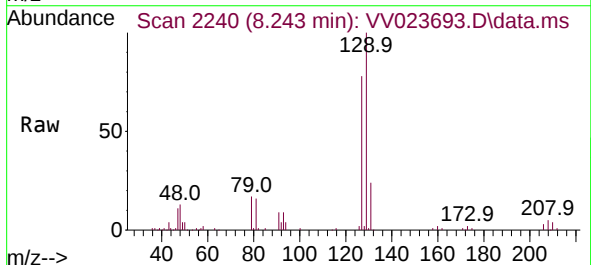
Ion	Ratio	Lower	Upper
43	100		
58	56.9	44.5	66.7
57	20.1	15.1	22.7
100	14.4	10.7	16.1

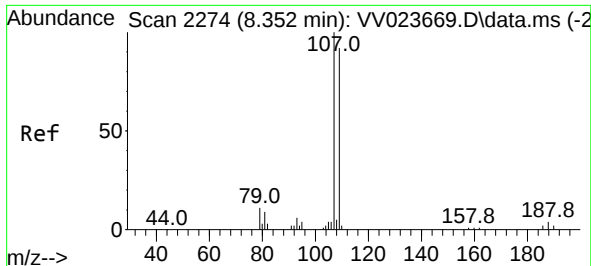


#49
Dibromochloromethane
Concen: 5.646 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

Tgt Ion: 129 Resp: 64041

Ion	Ratio	Lower	Upper
129	100		
127	78.0	53.5	99.3





#50

1,2-Dibromoethane

Concen: 5.647 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023693.D

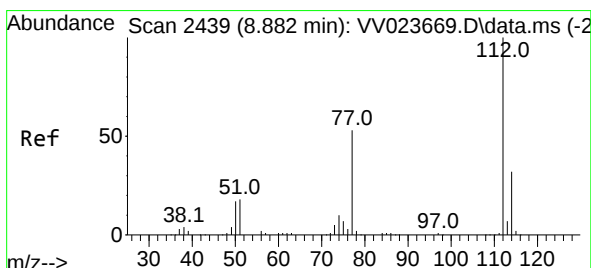
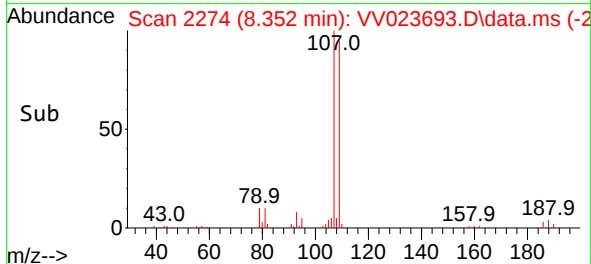
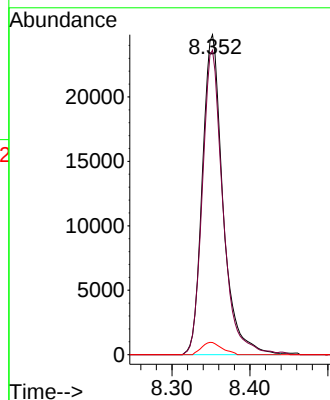
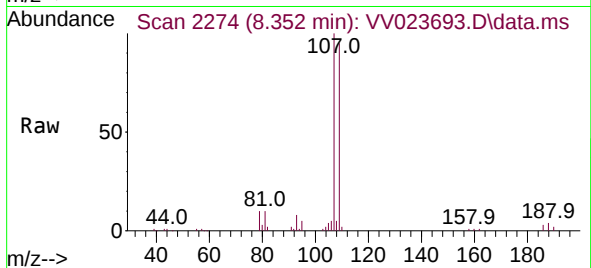
Acq: 24 Nov 2021 11:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	45578
Ion	Ratio	Lower	Upper
107	100		
109	95.2	62.5	116.1
188	3.8	3.4	5.2



#51

Chlorobenzene

Concen: 5.782 ug/L

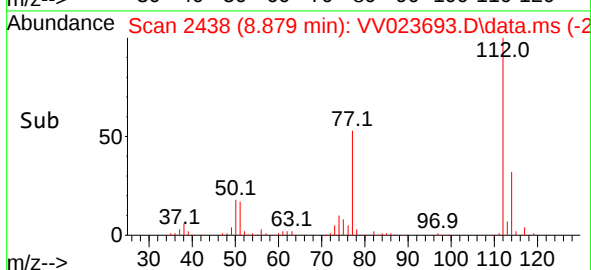
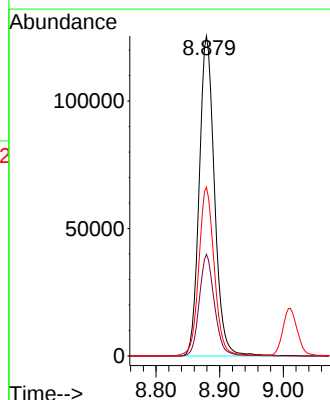
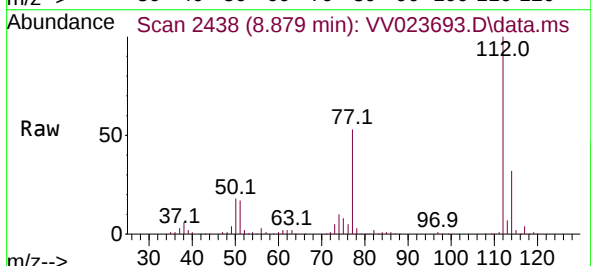
RT: 8.879 min Scan# 2438

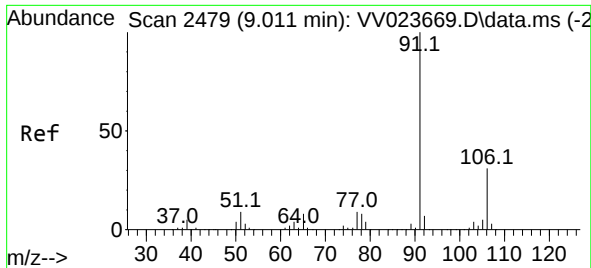
Delta R.T. -0.003 min

Lab File: VV023693.D

Acq: 24 Nov 2021 11:18

Tgt Ion:	112	Resp:	209045
Ion	Ratio	Lower	Upper
112	100		
114	31.8	23.3	43.3
77	52.8	43.3	64.9

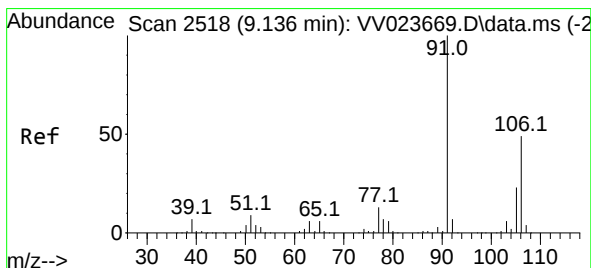
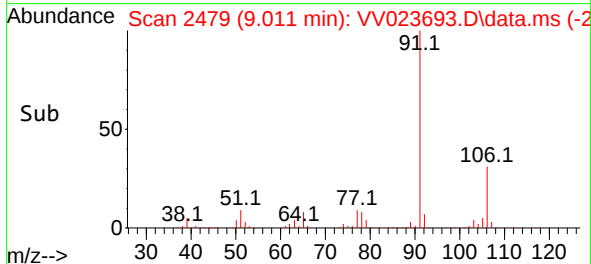
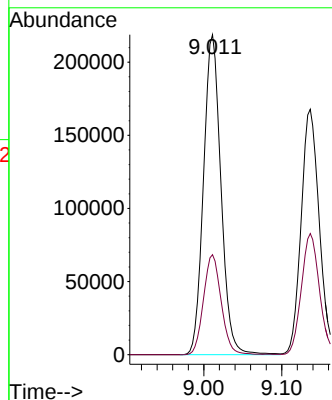
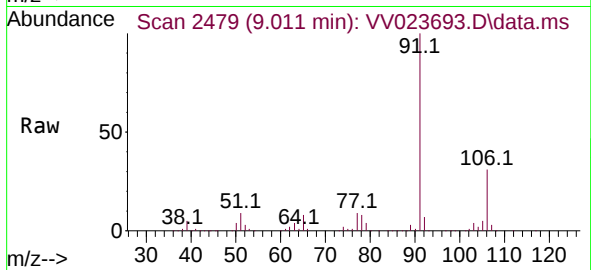




#52
Ethylbenzene
Concen: 5.974 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

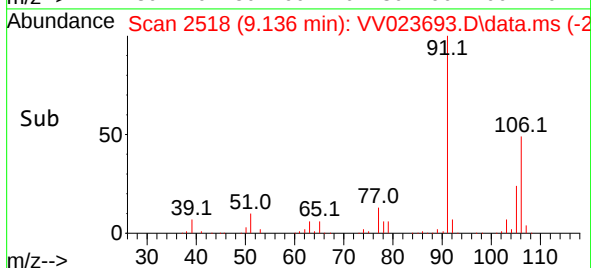
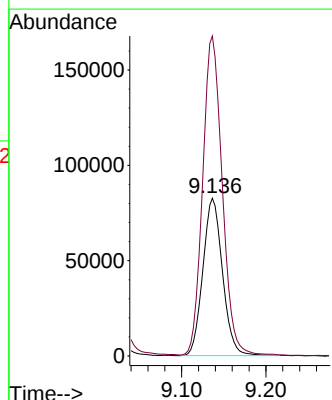
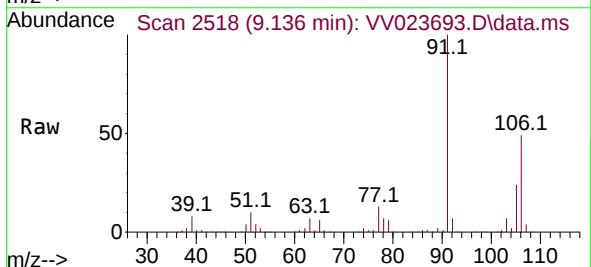
Instrument :
MSVOA_V
ClientSampleId :

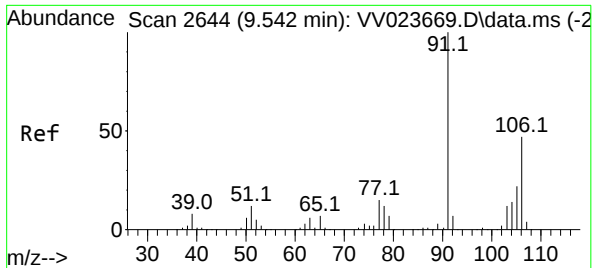
Tgt Ion: 91 Resp: 340530
Ion Ratio Lower Upper
91 100
106 31.3 22.0 41.0



#53
m,p-xylene
Concen: 5.901 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

Tgt Ion: 106 Resp: 133892
Ion Ratio Lower Upper
106 100
91 202.7 139.5 259.1

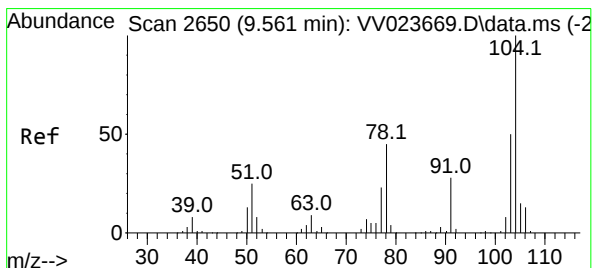
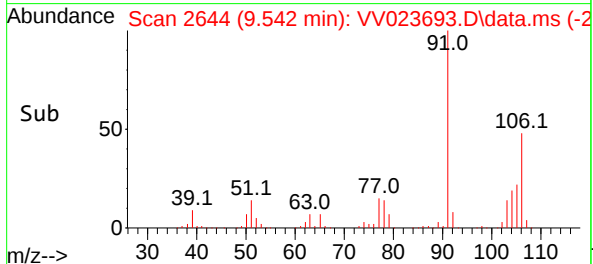
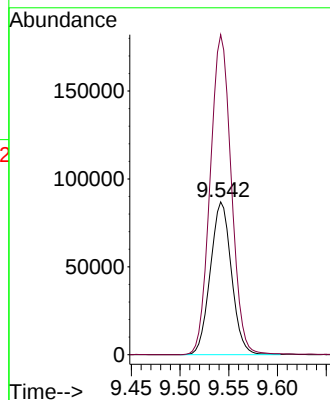
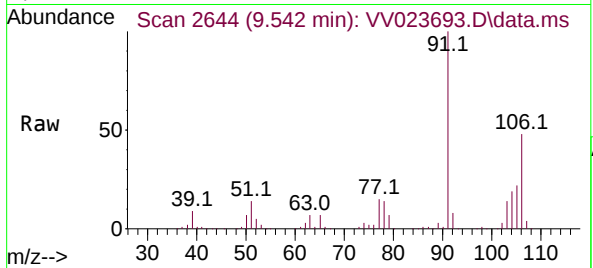




#54
o-xylene
Concen: 6.076 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

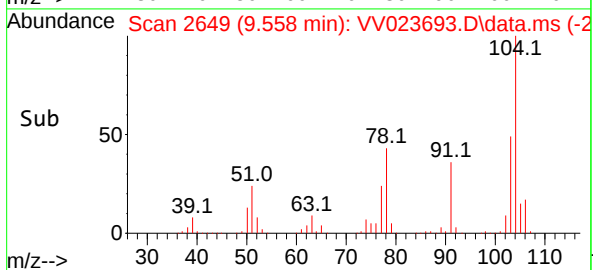
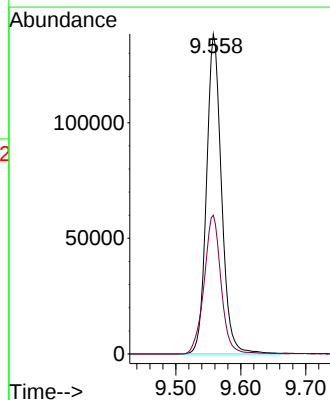
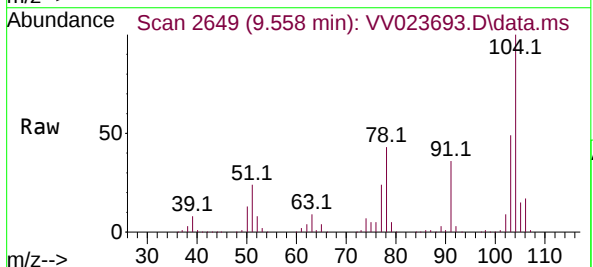
Instrument :
MSVOA_V
ClientSampleId :

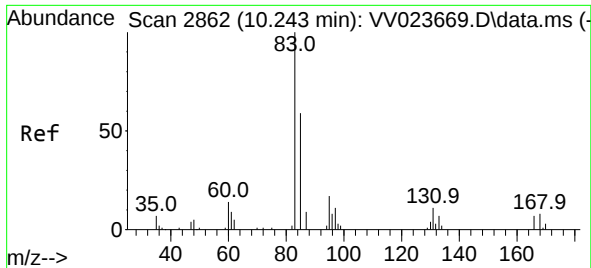
Tgt Ion:106 Resp: 131110
Ion Ratio Lower Upper
106 100
91 209.5 147.9 274.7



#55
Styrene
Concen: 6.133 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

Tgt Ion:104 Resp: 222975
Ion Ratio Lower Upper
104 100
78 43.4 31.0 57.6

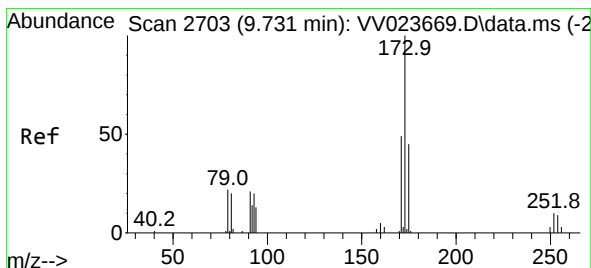
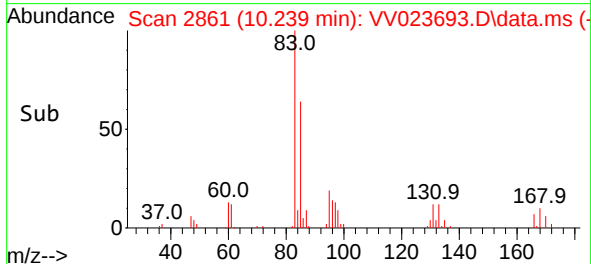
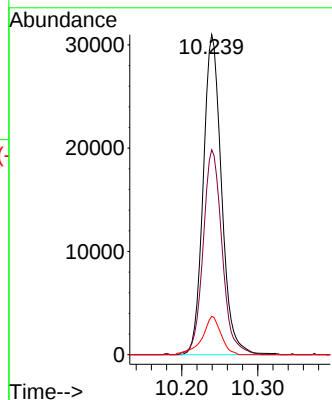
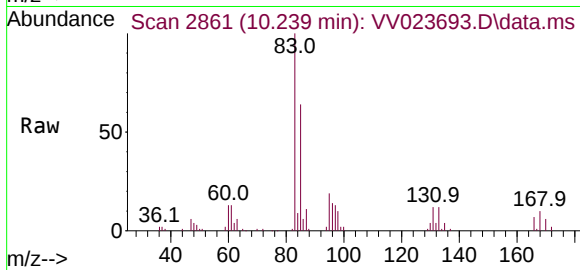




#57
1,1,2-Tetrachloroethane
Concen: 5.625 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

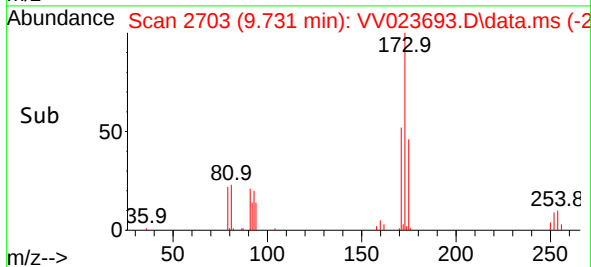
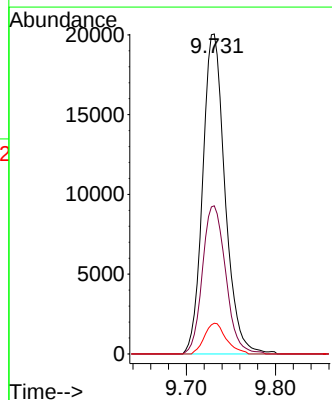
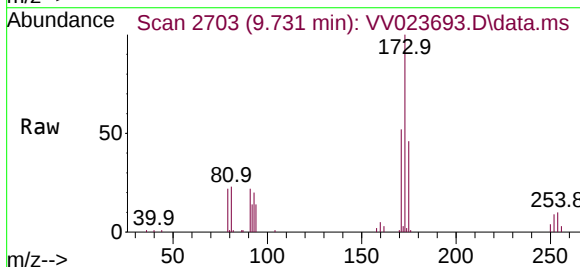
Instrument :
MSVOA_V
ClientSampleId :

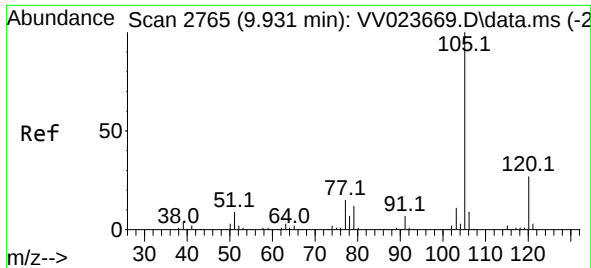
Tgt Ion: 83 Resp: 51798
Ion Ratio Lower Upper
83 100
85 64.1 44.6 82.8
131 12.0 8.3 12.5



#59
Bromoform
Concen: 5.491 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

Tgt Ion: 173 Resp: 34865
Ion Ratio Lower Upper
173 100
175 48.3 39.4 59.2
254 9.3 7.4 11.0

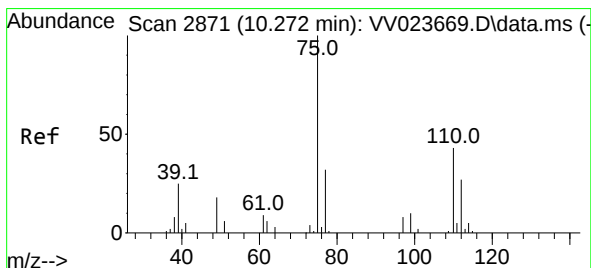
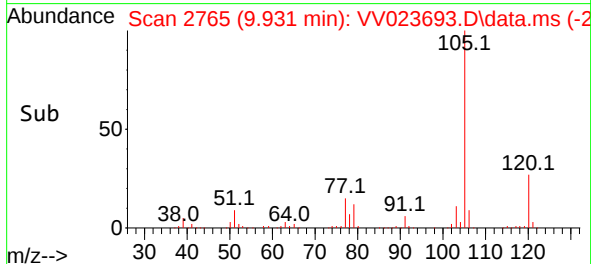
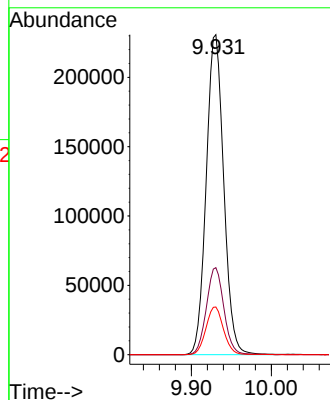
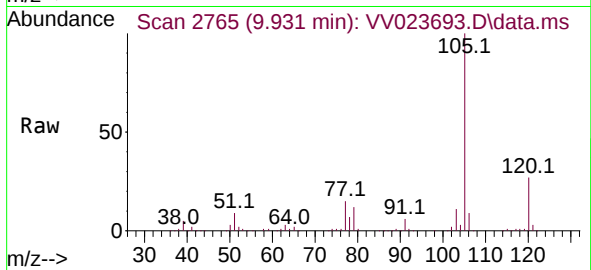




#60
Isopropylbenzene
Concen: 6.133 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

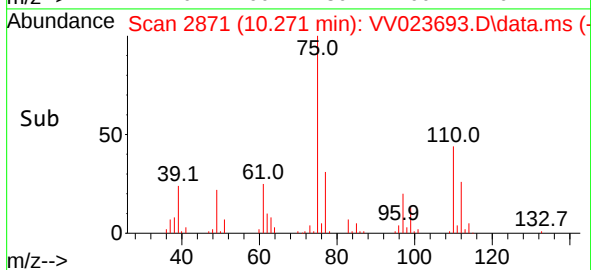
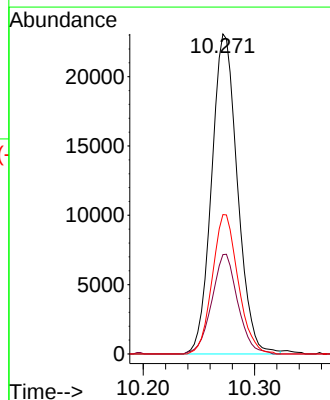
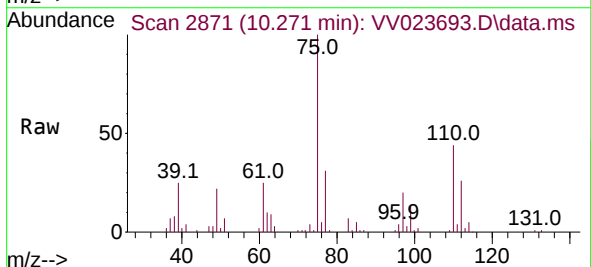
Instrument :
MSVOA_V
ClientSampleId :

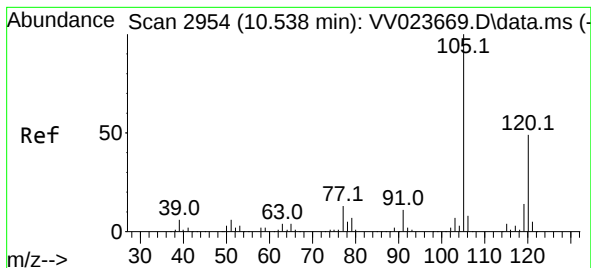
Tgt Ion:105 Resp: 352045
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.0
77 14.9 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.462 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

Tgt Ion: 75 Resp: 37245
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
110 43.5 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 6.167 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV023693.D

Acq: 24 Nov 2021 11:18

Instrument :

MSVOA_V

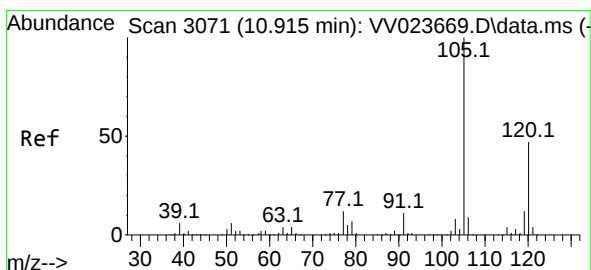
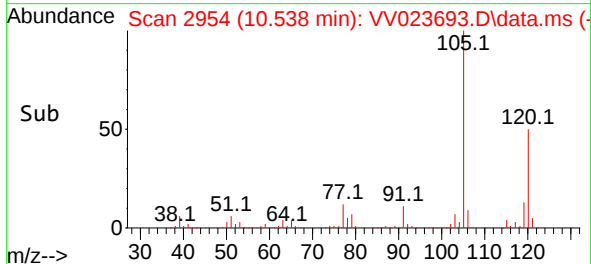
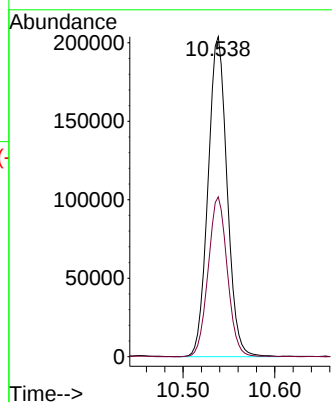
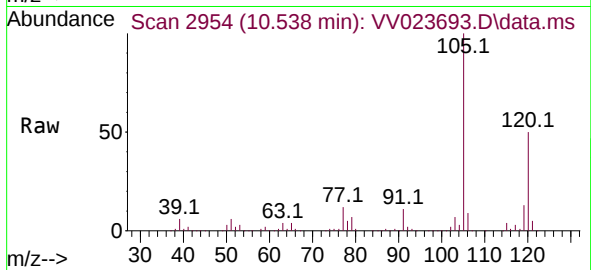
ClientSampleId :

Tgt Ion:105 Resp: 294607

Ion Ratio Lower Upper

105 100

120 50.2 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 6.373 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV023693.D

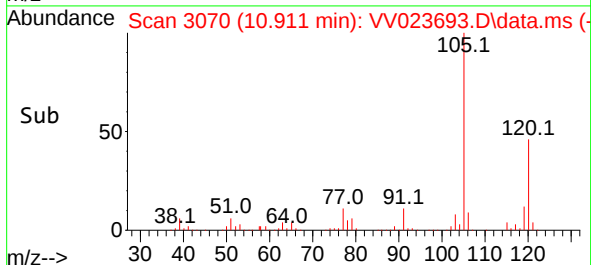
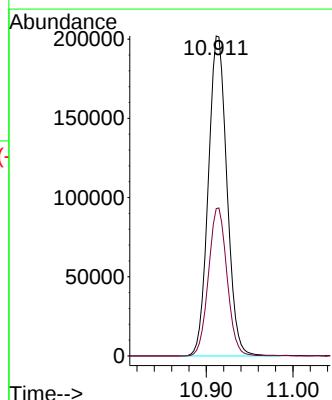
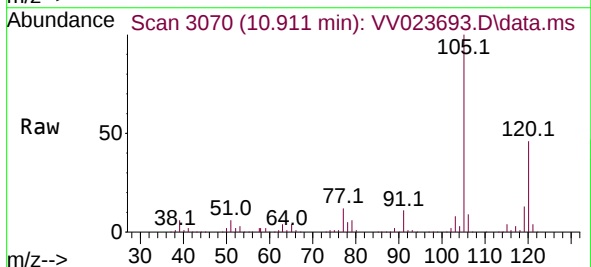
Acq: 24 Nov 2021 11:18

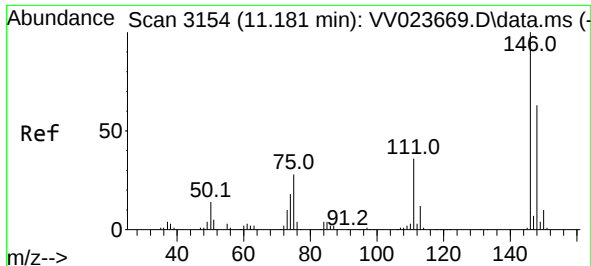
Tgt Ion:105 Resp: 301051

Ion Ratio Lower Upper

105 100

120 46.2 36.7 55.1

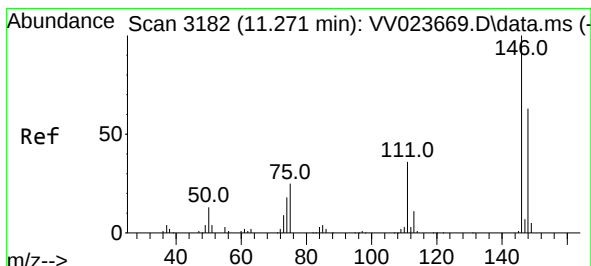
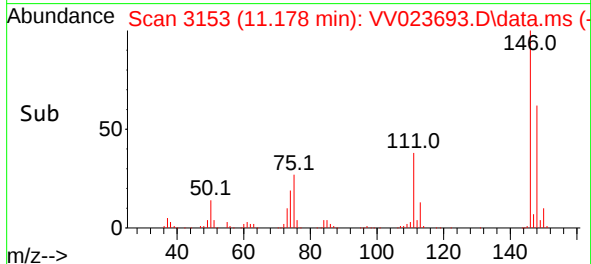
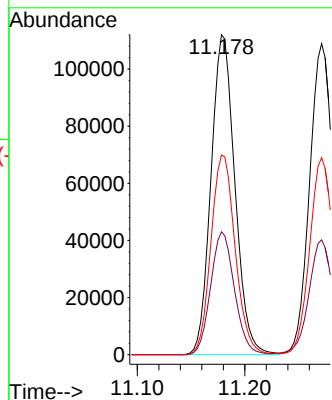
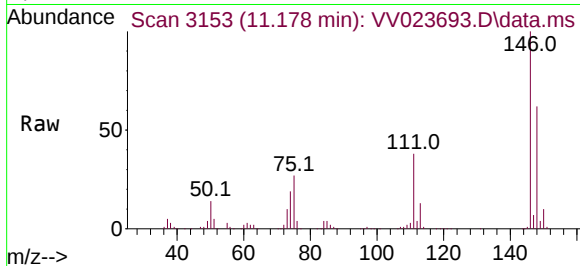




#64
1,3-Dichlorobenzene
Concen: 5.898 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

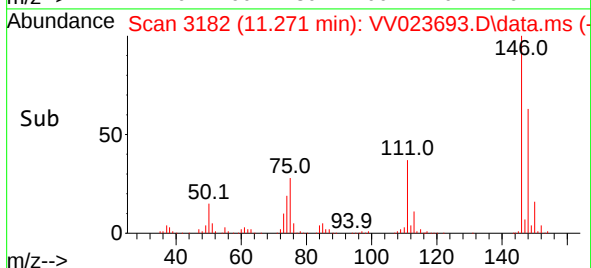
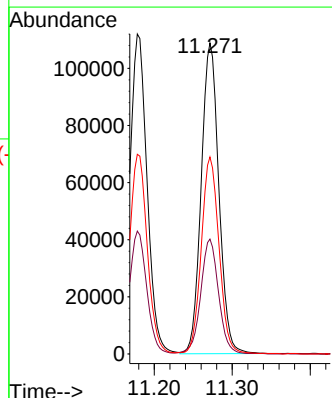
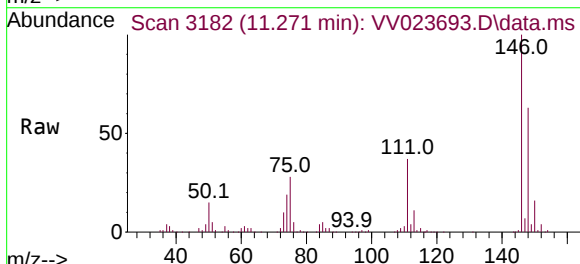
Instrument :
MSVOA_V
ClientSampleId :

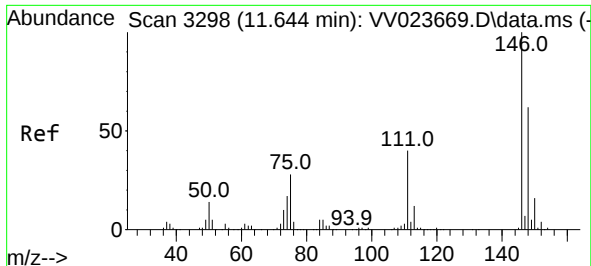
Tgt Ion:146 Resp: 173120
Ion Ratio Lower Upper
146 100
111 38.4 26.3 48.9
148 62.4 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.794 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

Tgt Ion:146 Resp: 170914
Ion Ratio Lower Upper
146 100
111 36.9 25.6 47.6
148 63.3 44.8 83.2

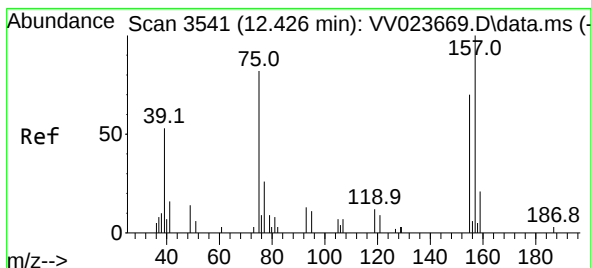
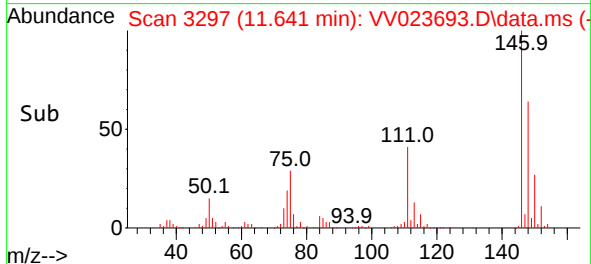
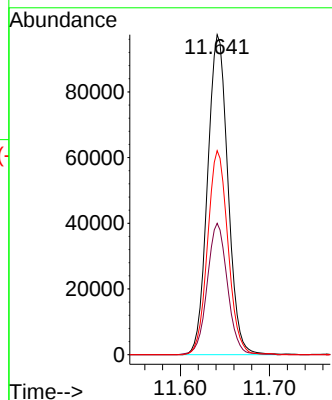
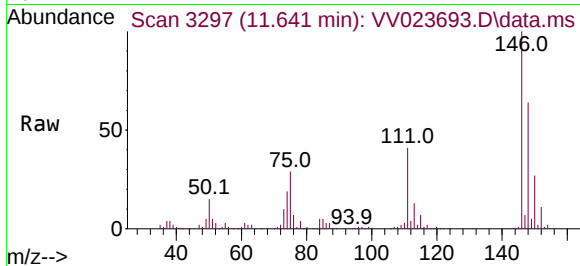




#67
1,2-Dichlorobenzene
Concen: 5.743 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

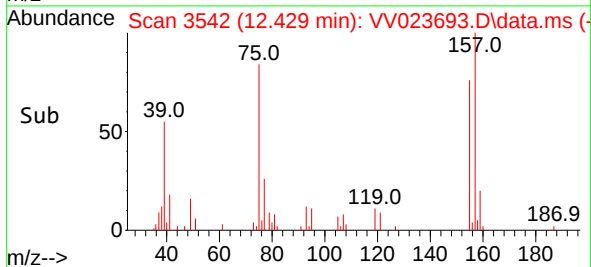
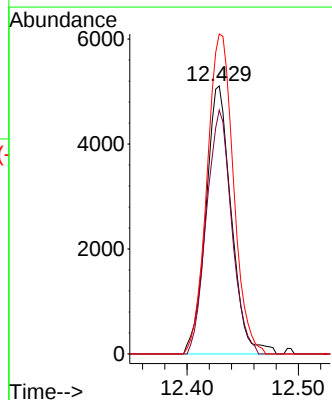
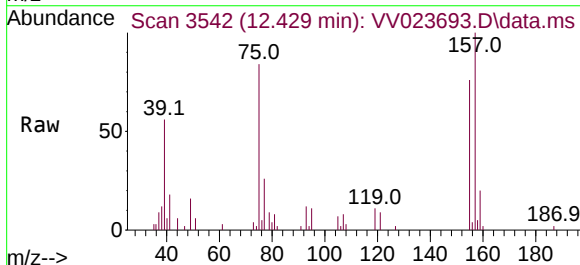
Instrument :
MSVOA_V
ClientSampleId :

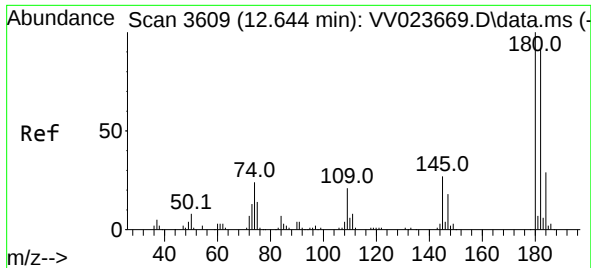
Tgt Ion:146 Resp: 154257
Ion Ratio Lower Upper
146 100
111 41.1 31.9 47.9
148 63.7 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.979 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV023693.D
Acq: 24 Nov 2021 11:18

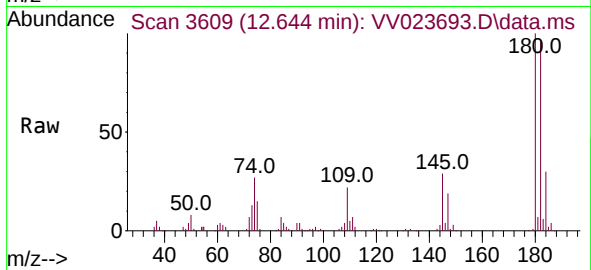
Tgt Ion: 75 Resp: 8095
Ion Ratio Lower Upper
75 100
155 91.0 71.7 107.5
157 119.4 103.3 154.9



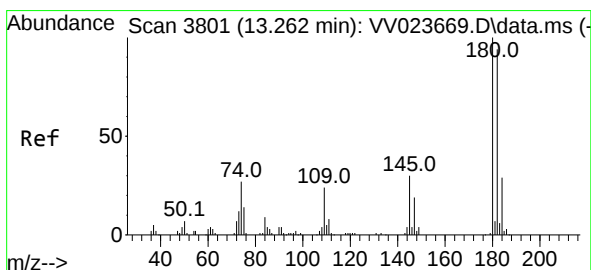
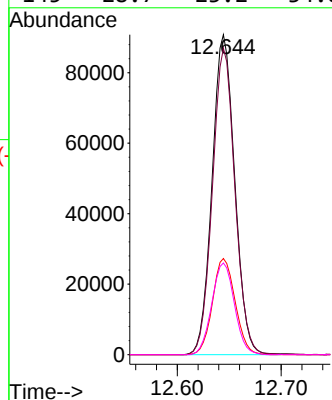
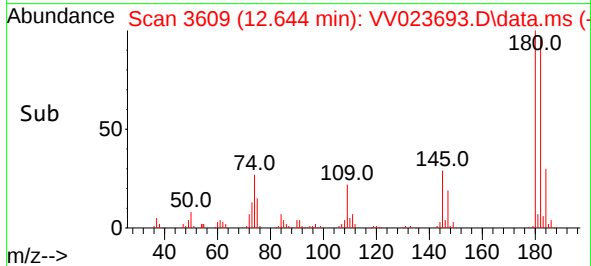


#69
 1,3,5-Trichlorobenzene
 Concen: 5.983 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV023693.D
 Acq: 24 Nov 2021 11:18

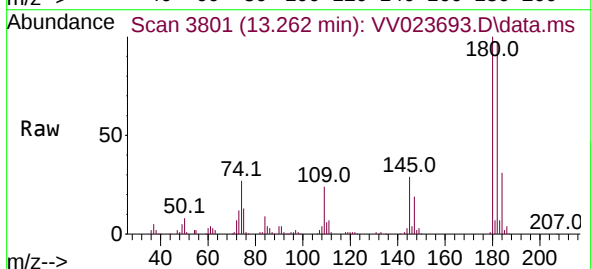
Instrument :
 MSVOA_V
 ClientSampleId :



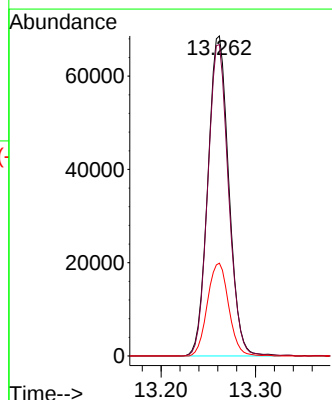
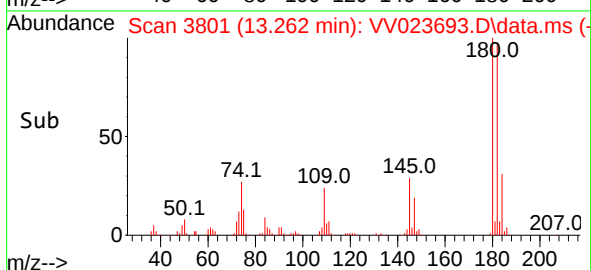
Tgt Ion:180 Resp: 137105
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.4 114.6
 184 30.2 24.2 36.4
 145 28.7 23.2 34.8

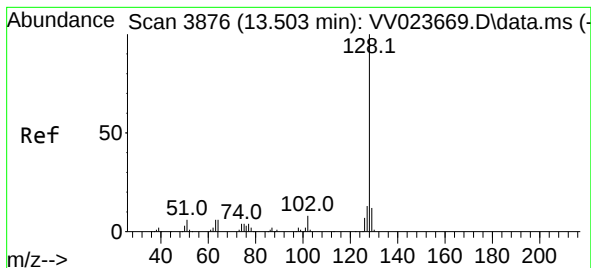


#70
 1,2,4-trichlorobenzene
 Concen: 5.942 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV023693.D
 Acq: 24 Nov 2021 11:18



Tgt Ion:180 Resp: 105650
 Ion Ratio Lower Upper
 180 100
 182 96.2 74.4 111.6
 145 29.4 23.3 34.9





#71

Naphthalene

Concen: 6.242 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VV023693.D

Acq: 24 Nov 2021 11:18

Instrument :

MSVOA_V

ClientSampleId :

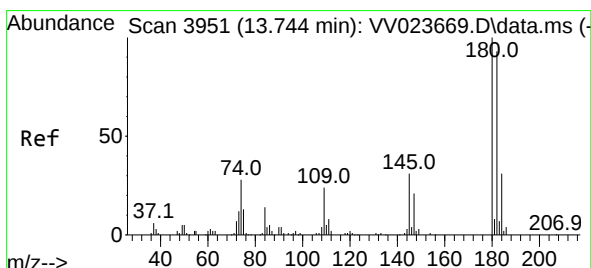
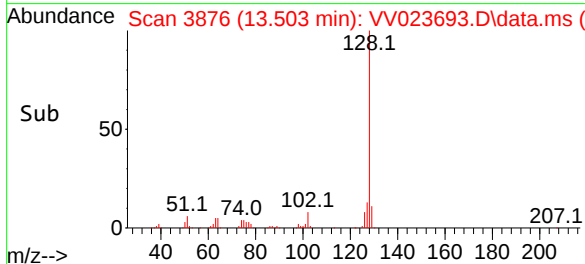
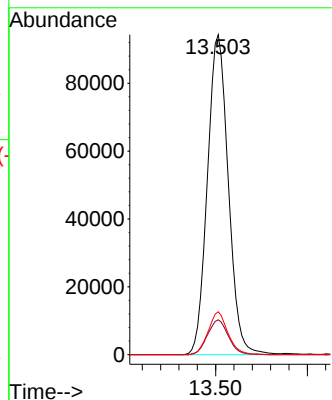
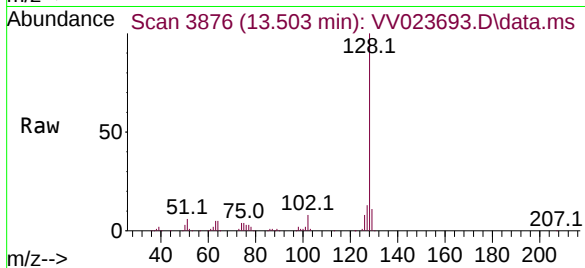
Tgt Ion:128 Resp: 149352

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 12.7 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 6.052 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV023693.D

Acq: 24 Nov 2021 11:18

Tgt Ion:180 Resp: 93248

Ion Ratio Lower Upper

180 100

182 98.2 76.8 115.2

145 31.9 25.8 38.6

