

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023867.D
 Acq On : 09 Dec 2021 17:30
 Operator : SY/MD
 Sample : M4984-04MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 10 00:43:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	111232	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	109675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64403	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27088	2.967	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.568	69	26186	3.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.111	63	62747	3.899	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	3.899	46	79076	72.037	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.080%#
24) Chloroform-d	4.352	84	74450	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.034	65	33900	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.053	84	131595	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.069	67	39436	4.708	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.317	98	126017	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.625	79	16249	4.813	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.088	63	69362	61.836	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32477	5.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	57311	5.033	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	52379	4.963	ug/L	99
3) Chloromethane	1.243	50	46192	5.035	ug/L	99
5) Vinyl chloride	1.314	62	58637	6.086	ug/L	99
6) Bromomethane	1.523	94	30376	5.560	ug/L	99
8) Chloroethane	1.587	64	1599590	261.984	ug/L	95
9) Trichlorofluoromethane	1.754	101	83942	5.347	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	45345	5.763	ug/L	97
12) 1,1-Dichloroethene	2.121	96	41181	5.526	ug/L	94
13) Acetone	2.191	43	58816	59.545	ug/L	77
14) Carbon disulfide	2.297	76	120626	4.815	ug/L	99
15) Methyl Acetate	2.442	43	13162	5.871	ug/L	93
16) Methylene chloride	2.507	84	44328	4.168	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	94947	6.217	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	55684	6.560	ug/L	98
19) 1,1-Dichloroethane	3.188	63	852990	59.762	ug/L	99
21) 2-Butanone	3.982	43	81442	65.142	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	83401	10.245	ug/L	95
23) Bromochloromethane	4.252	128	22223	5.817	ug/L	91
25) Chloroform	4.378	83	87294	5.490	ug/L	98

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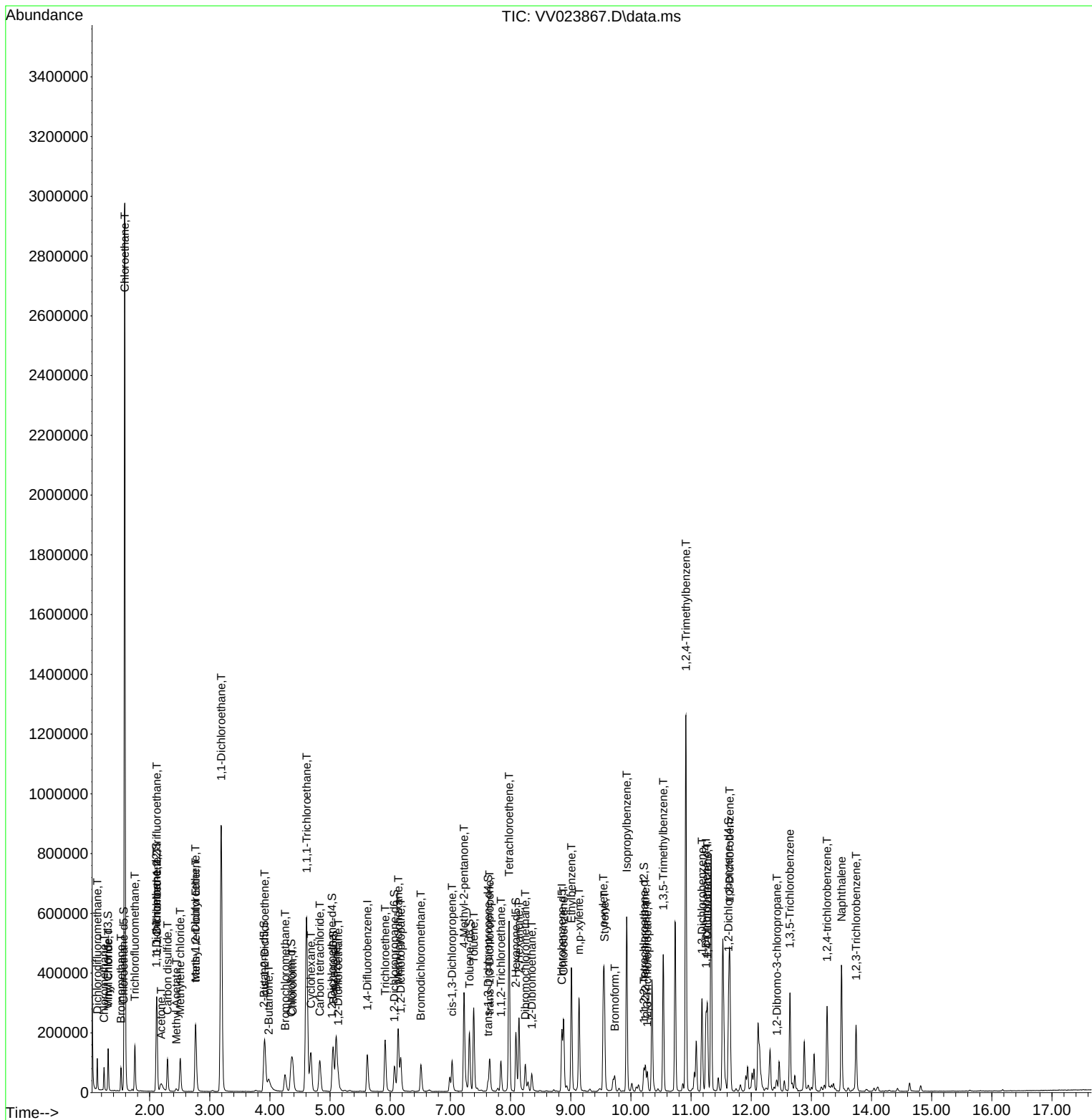
Instrument :
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 ClientSampleId :

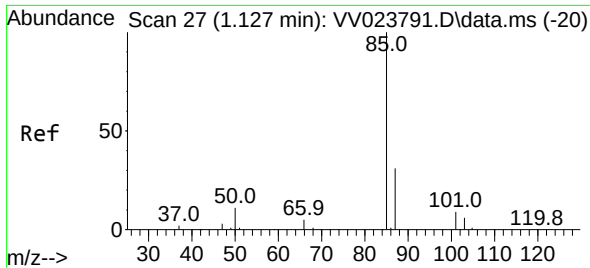
Quant Time: Dec 10 00:43:38 2021
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	49291	5.831	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	471726	32.913	ug/L	99
30) Cyclohexane	4.680	56	67382	5.634	ug/L	97
31) Carbon tetrachloride	4.828	117	74814	5.698	ug/L	96
33) Benzene	5.101	78	184123	5.889	ug/L	100
34) Trichloroethene	5.915	95	57705	6.889	ug/L	97
35) Methylcyclohexane	6.133	83	87532	6.703	ug/L	98
37) 1,2-Dichloropropane	6.175	63	42293	5.690	ug/L	99
38) Bromodichloromethane	6.510	83	59231	5.872	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	61740	5.837	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	212789	59.975	ug/L	98
42) Toluene	7.387	91	206019	6.076	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	52935	5.955	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	29358	5.705	ug/L	98
47) Tetrachloroethene	7.976	164	129071	16.930	ug/L	98
48) 2-Hexanone	8.140	43	150317	57.322	ug/L	98
49) Dibromochloromethane	8.246	129	41361	5.865	ug/L	99
50) 1,2-Dibromoethane	8.352	107	29538	5.886	ug/L	92
51) Chlorobenzene	8.882	112	130495	5.805	ug/L	98
52) Ethylbenzene	9.011	91	281753	7.949	ug/L	100
53) m,p-xylene	9.140	106	85632	6.070	ug/L	100
54) o-xylene	9.545	106	84671	6.311	ug/L	98
55) Styrene	9.561	104	142664	6.311	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	34167	5.967	ug/L	98
59) Bromoform	9.731	173	23030	5.415	ug/L	99
60) Isopropylbenzene	9.931	105	359398	9.346	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	24361	5.334	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	238415	7.451	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	657482	20.777	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	117529	5.978	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	115881	5.864	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	137493	7.641	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5850	6.450	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	98257	6.401	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	79424	6.668	ug/L	97
71) Naphthalene	13.503	128	322184	20.100	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	66261	6.420	ug/L	99

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

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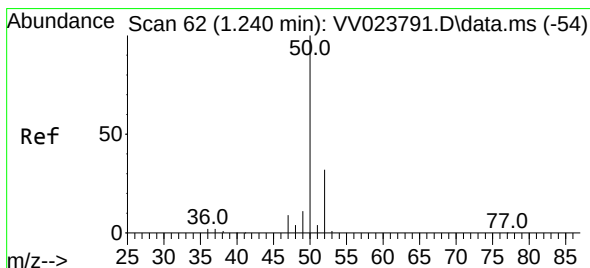
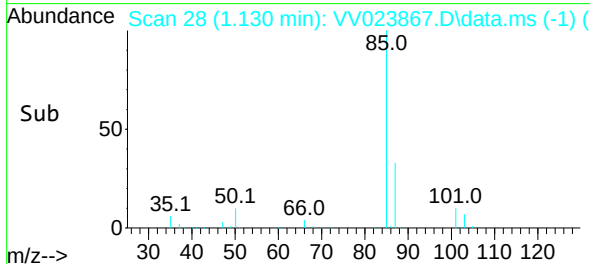
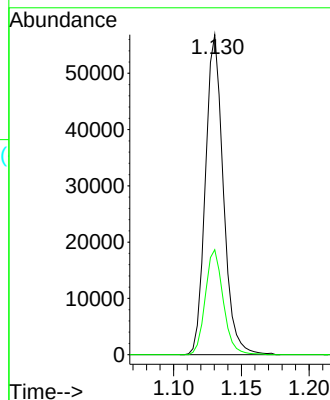
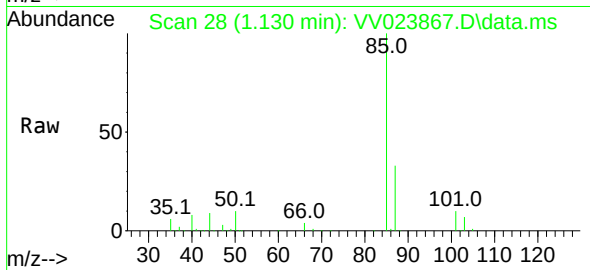




#2
 Dichlorodifluoromethane
 Concen: 4.963 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023867.D
 Acq: 09 Dec 2021 17:30

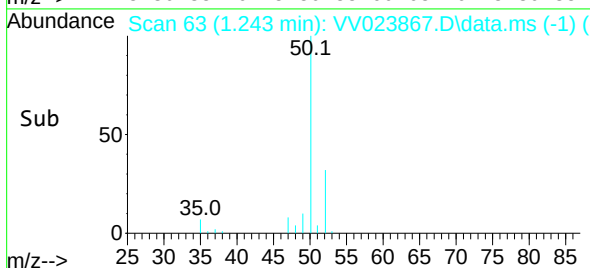
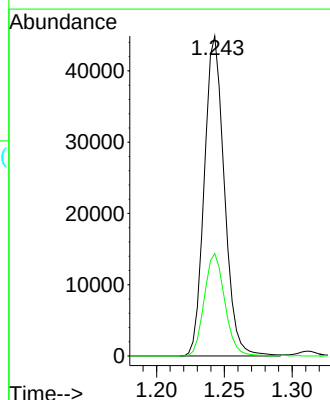
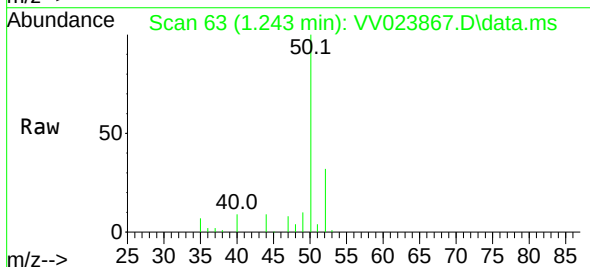
Instrument :
 MSVOA_V
 ClientSampleId :

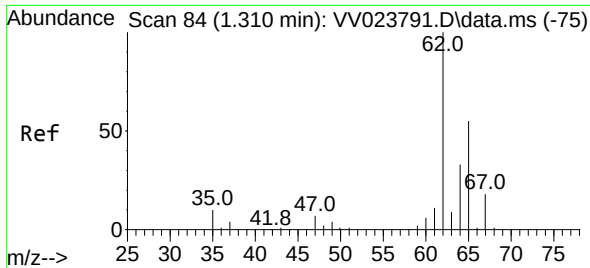
Tgt Ion: 85 Resp: 52379
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.0 39.0



#3
 Chloromethane
 Concen: 5.035 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023867.D
 Acq: 09 Dec 2021 17:30

Tgt Ion: 50 Resp: 46192
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.0 41.0

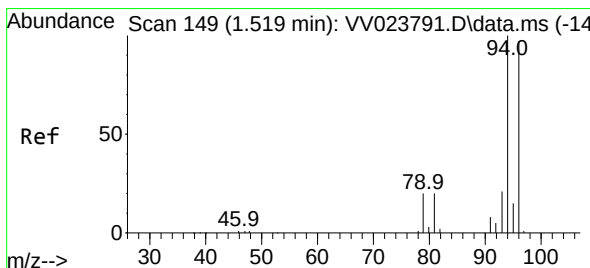
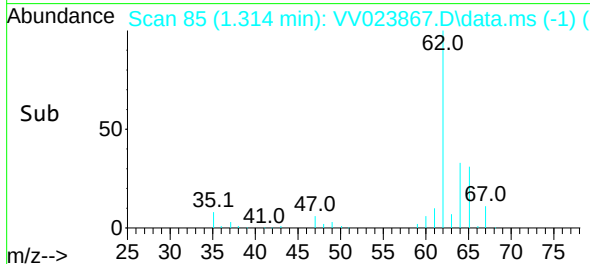
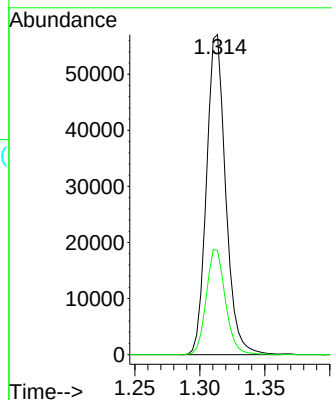
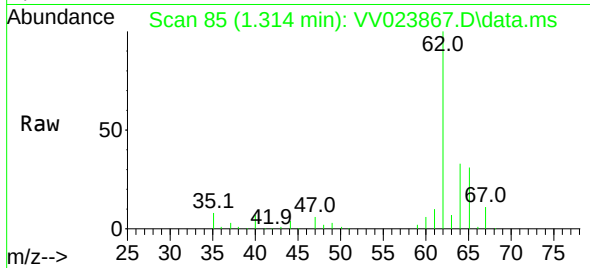




#5
 Vinyl chloride
 Concen: 6.086 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023867.D
 Acq: 09 Dec 2021 17:30

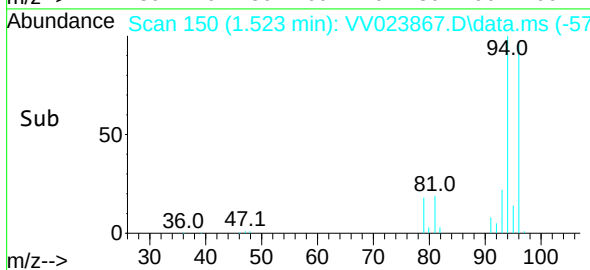
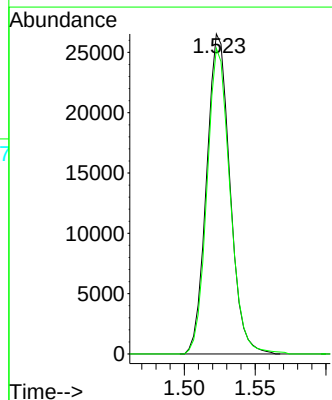
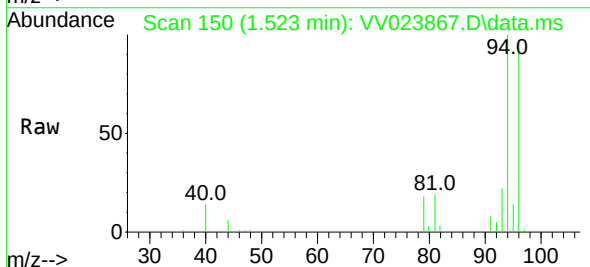
Instrument :
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 ClientSampleId :

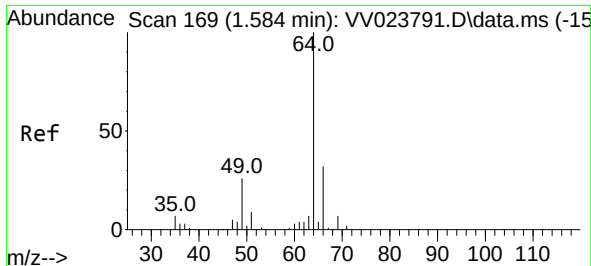
Tgt Ion: 62 Resp: 58637
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.4 41.6



#6
 Bromomethane
 Concen: 5.560 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023867.D
 Acq: 09 Dec 2021 17:30

Tgt Ion: 94 Resp: 30376
 Ion Ratio Lower Upper
 94 100
 96 95.5 66.2 123.0

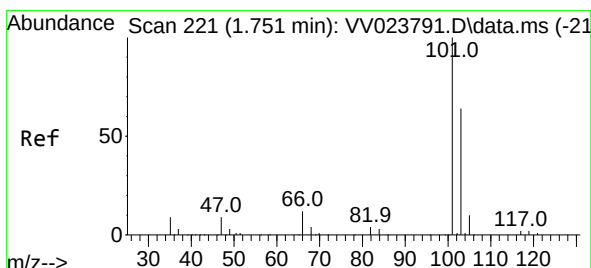
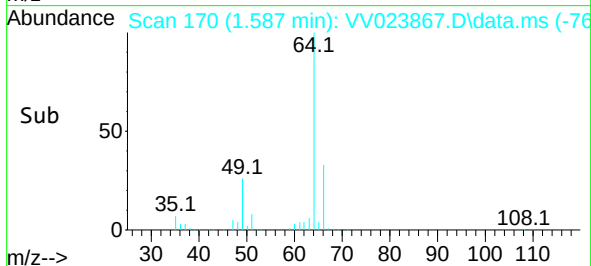
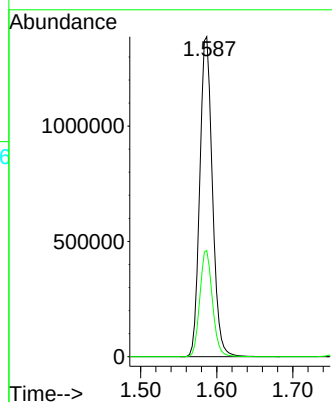
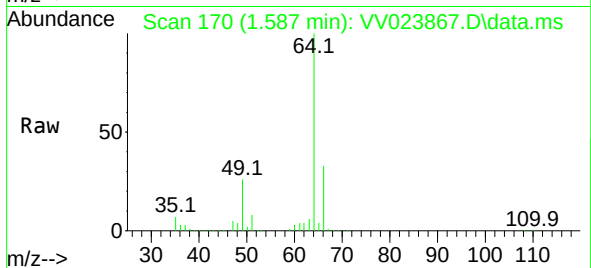




#8
Chloroethane
Concen: 261.984 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

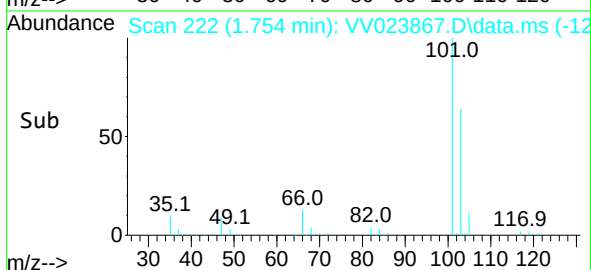
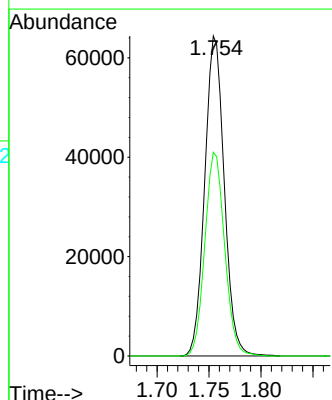
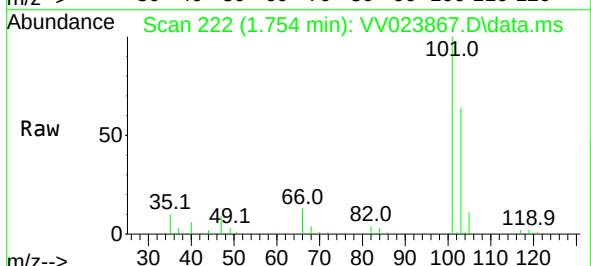
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ClientSampleId :

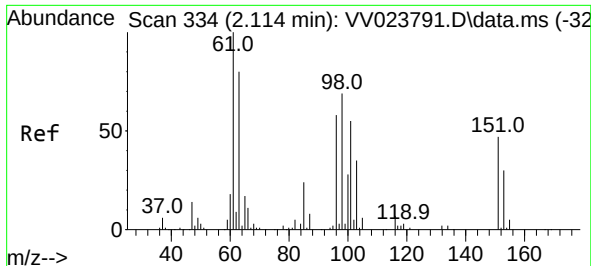
Tgt Ion: 64 Resp: 1599590
Ion Ratio Lower Upper
64 100
66 33.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.347 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

Tgt Ion:101 Resp: 83942
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

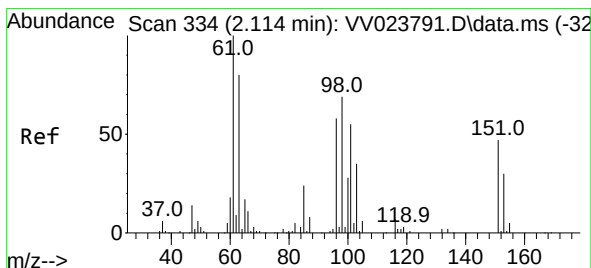
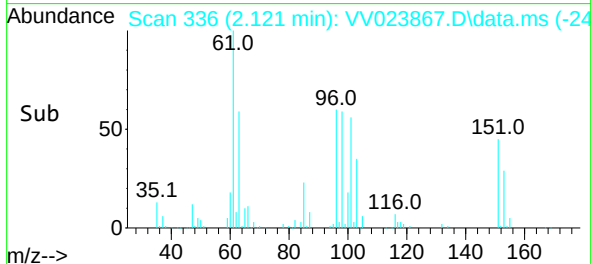
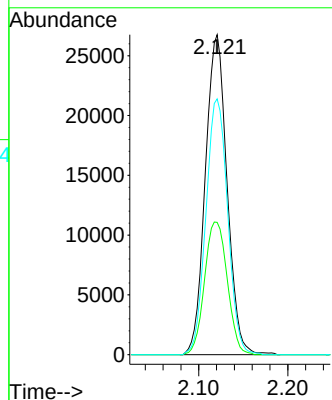
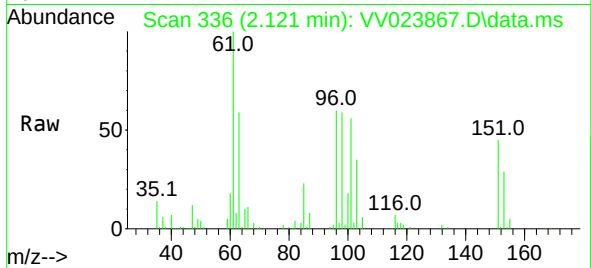




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.763 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023867.D
 Acq: 09 Dec 2021 17:30

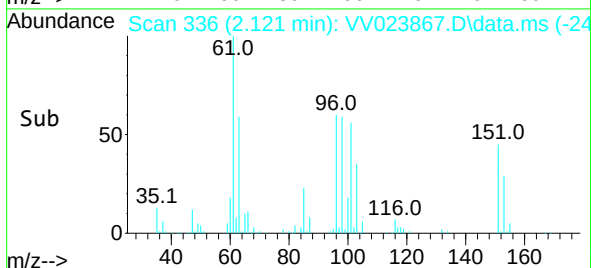
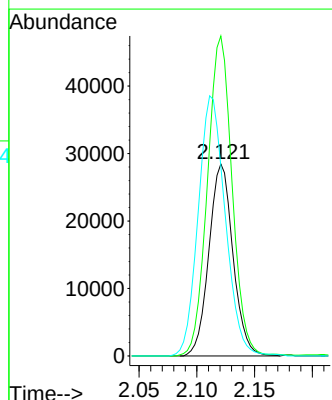
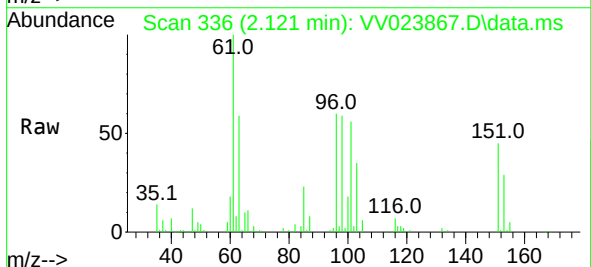
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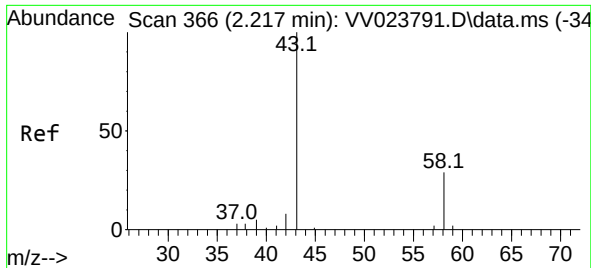
Tgt Ion:101 Resp: 45345
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.0 54.0
 151 80.2 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.526 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023867.D
 Acq: 09 Dec 2021 17:30

Tgt Ion: 96 Resp: 41181
 Ion Ratio Lower Upper
 96 100
 61 166.6 116.1 215.5
 63 98.8 79.4 147.4





#13

Acetone

Concen: 59.545 ug/L

RT: 2.191 min Scan# 31

Delta R.T. -0.032 min

Lab File: VV023867.D

Acq: 09 Dec 2021 17:30

Instrument :

MSVOA_V

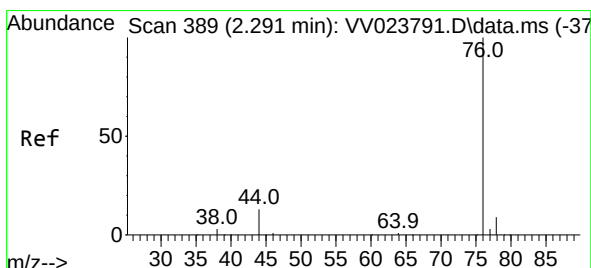
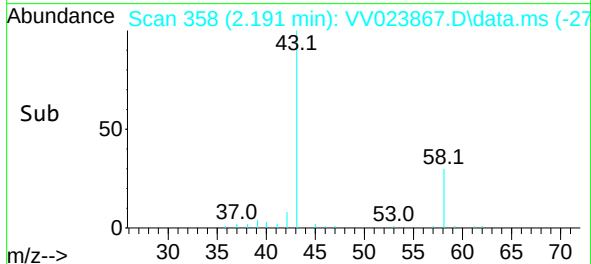
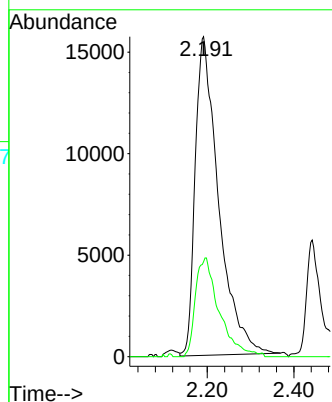
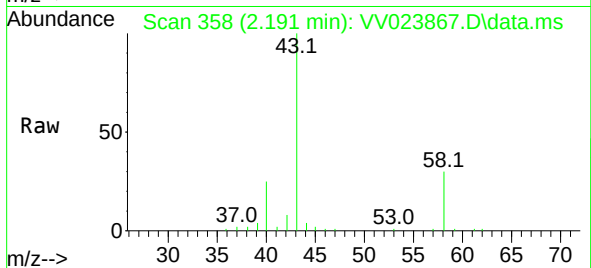
ClientSampleId :

Tgt Ion: 43 Resp: 58816

Ion Ratio Lower Upper

43 100

58 31.3 0.0 41.4



#14

Carbon disulfide

Concen: 4.815 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV023867.D

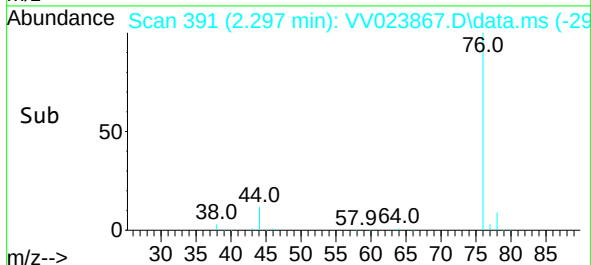
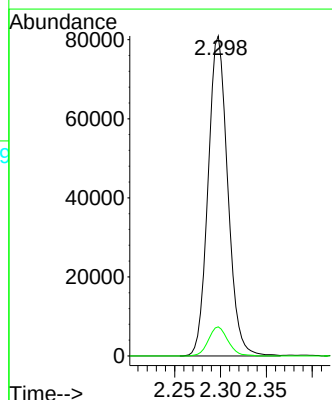
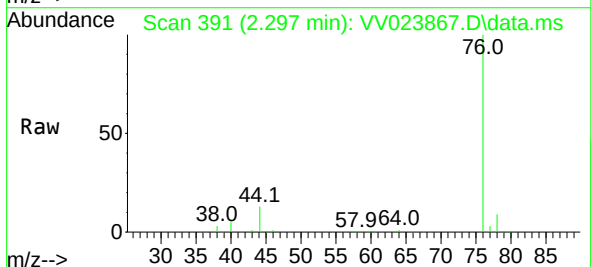
Acq: 09 Dec 2021 17:30

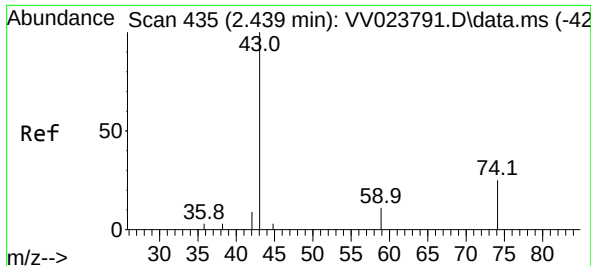
Tgt Ion: 76 Resp: 120626

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 5.871 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV023867.D

Acq: 09 Dec 2021 17:30

Instrument :

MSVOA_V

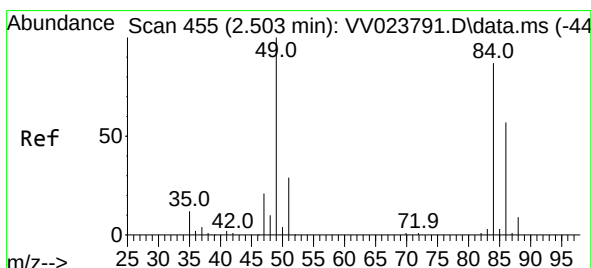
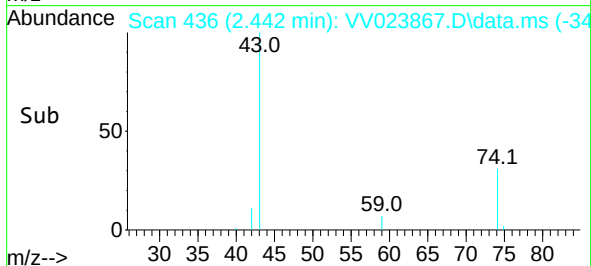
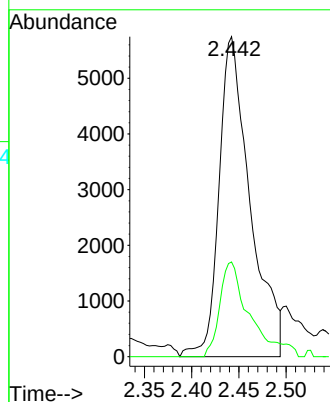
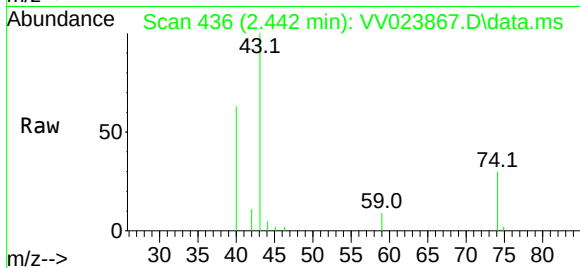
ClientSampleId :

Tgt Ion: 43 Resp: 13162

Ion Ratio Lower Upper

43 100

74 28.5 20.2 30.2



#16

Methylene chloride

Concen: 4.168 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV023867.D

Acq: 09 Dec 2021 17:30

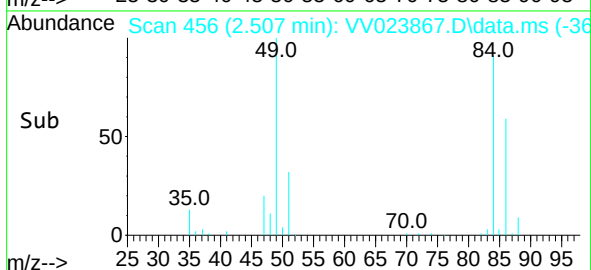
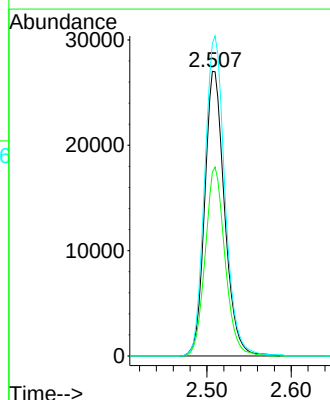
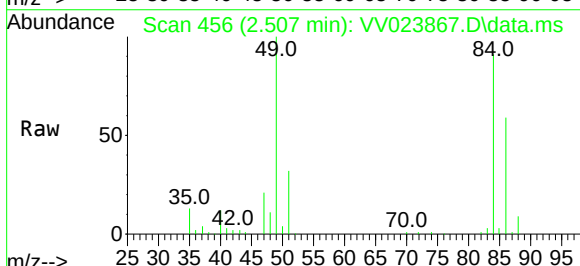
Tgt Ion: 84 Resp: 44328

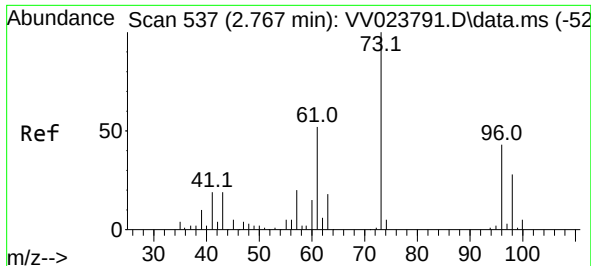
Ion Ratio Lower Upper

84 100

86 64.6 42.6 79.0

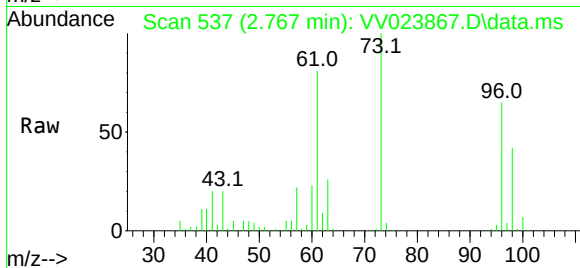
49 109.8 79.7 147.9



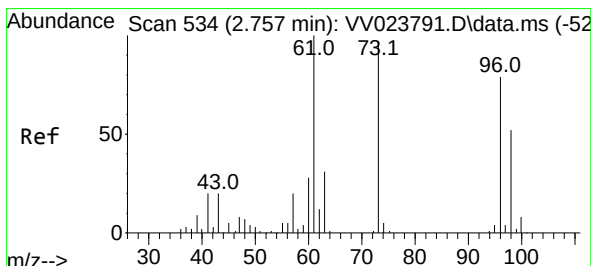
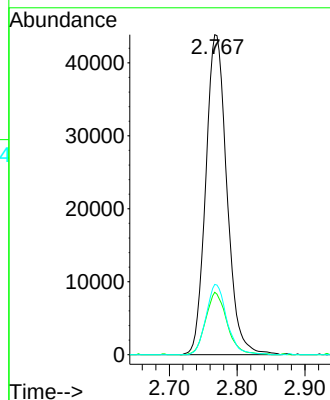
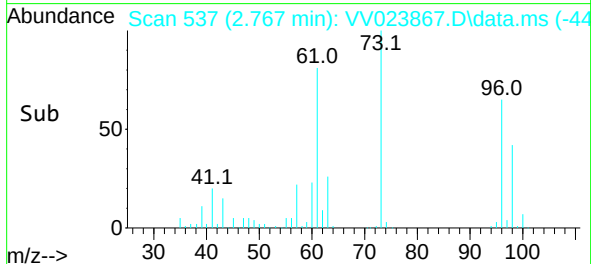


#17
Methyl tert-butyl Ether
Concen: 6.217 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

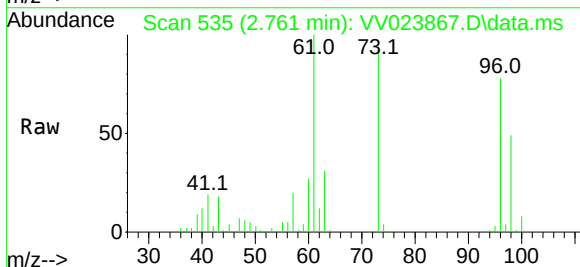
Instrument :
MSVOA_V
ClientSampleId :



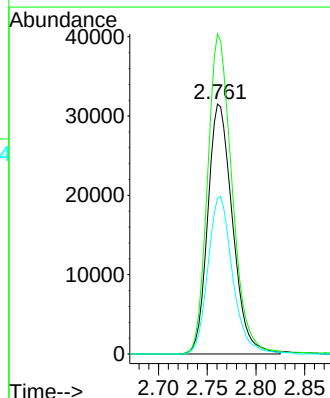
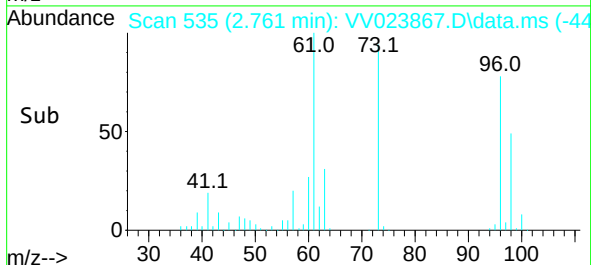
Tgt Ion: 73 Resp: 94947
Ion Ratio Lower Upper
73 100
43 19.8 15.5 23.3
57 21.6 17.1 25.7

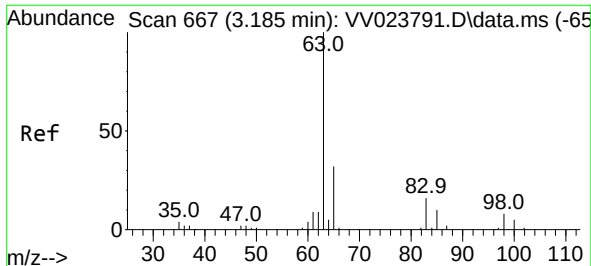


#18
trans-1,2-Dichloroethene
Concen: 6.560 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30



Tgt Ion: 96 Resp: 55684
Ion Ratio Lower Upper
96 100
61 128.1 88.2 163.8
98 62.3 44.9 83.5





#19

1,1-Dichloroethane

Concen: 59.762 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023867.D

Acq: 09 Dec 2021 17:30

Instrument :

MSVOA_V

ClientSampleId :

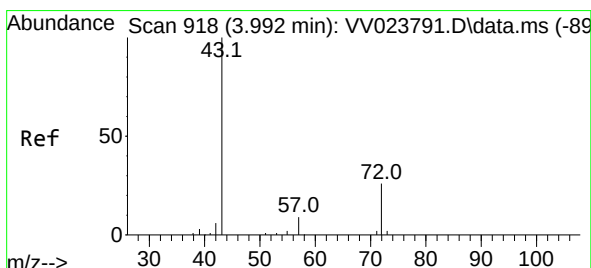
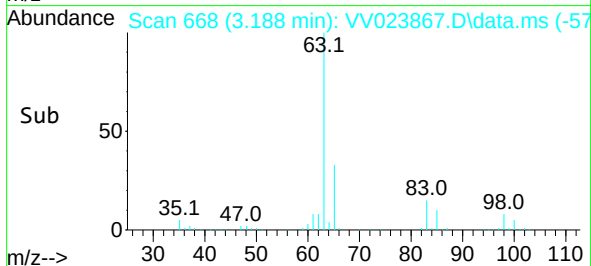
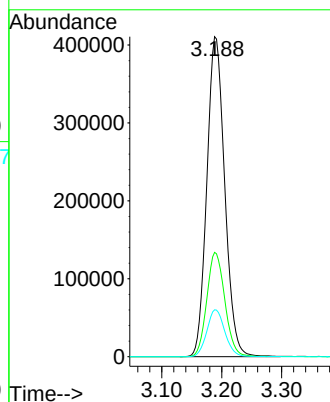
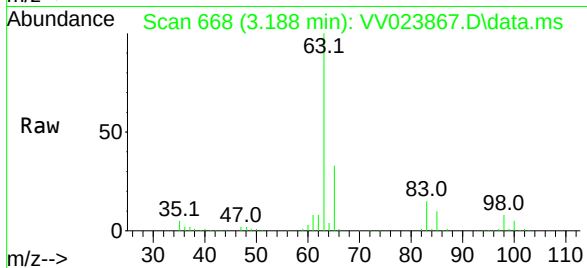
Tgt Ion: 63 Resp: 852990

Ion Ratio Lower Upper

63 100

65 32.6 22.3 41.3

83 14.7 10.7 19.9



#21

2-Butanone

Concen: 65.142 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.019 min

Lab File: VV023867.D

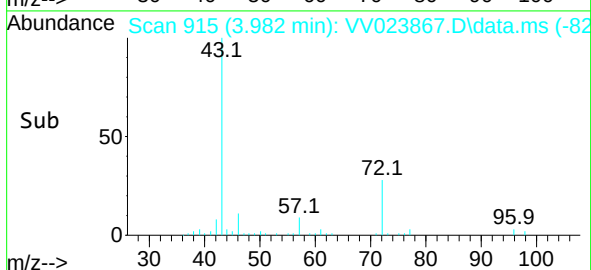
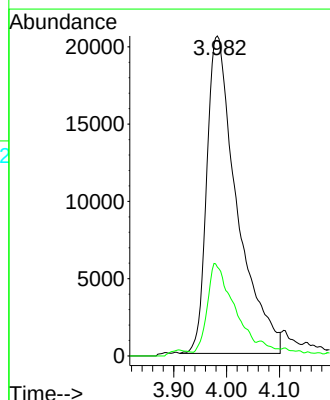
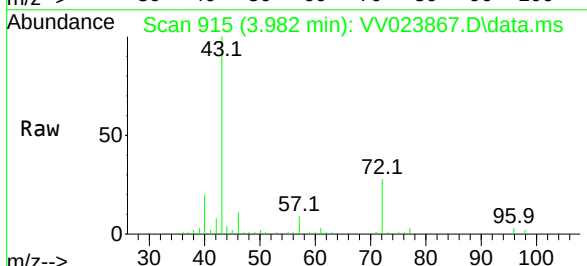
Acq: 09 Dec 2021 17:30

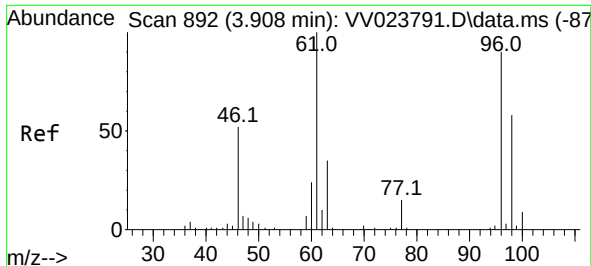
Tgt Ion: 43 Resp: 81442

Ion Ratio Lower Upper

43 100

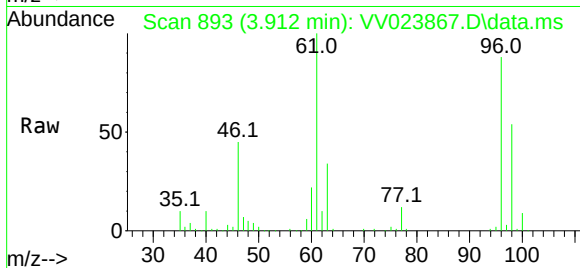
72 24.0 11.1 33.1



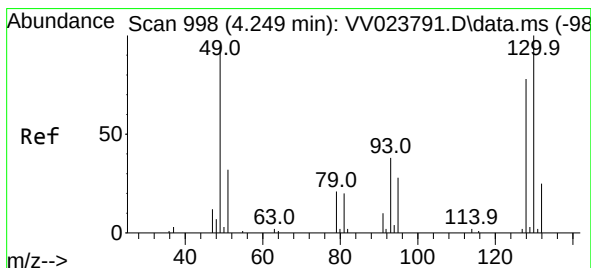
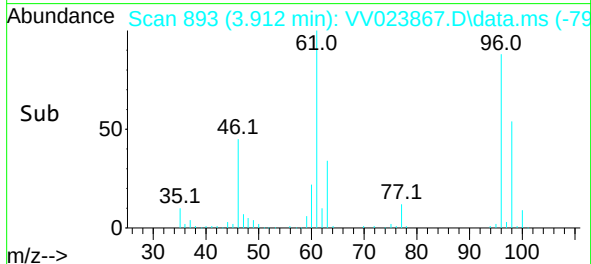
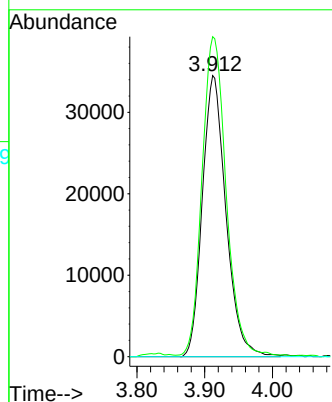


#22
 cis-1,2-Dichloroethene
 Concen: 10.245 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV023867.D
 Acq: 09 Dec 2021 17:30

Instrument :
 MSVOA_V
 ClientSampleId :

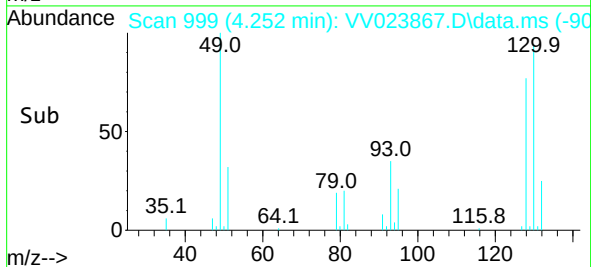
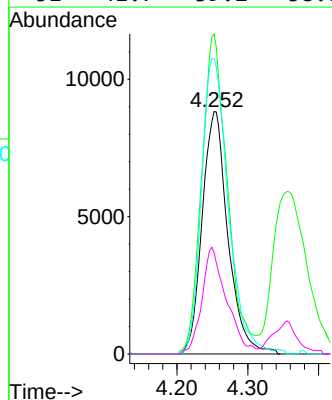
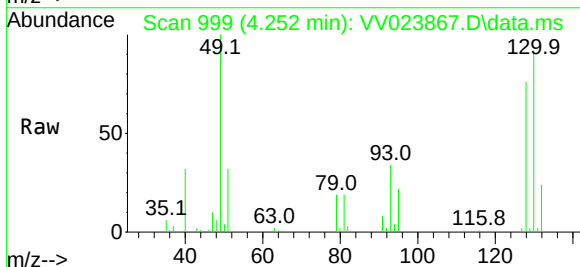


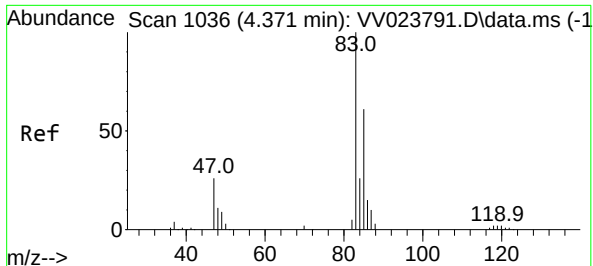
Tgt Ion: 96 Resp: 83401
 Ion Ratio Lower Upper
 96 100
 61 113.8 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.817 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.006 min
 Lab File: VV023867.D
 Acq: 09 Dec 2021 17:30

Tgt Ion: 128 Resp: 22223
 Ion Ratio Lower Upper
 128 100
 49 132.0 100.2 186.2
 130 121.9 92.5 171.7
 51 41.7 39.2 58.8





#25

Chloroform

Concen: 5.490 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV023867.D

Acq: 09 Dec 2021 17:30

Instrument :

MSVOA_V

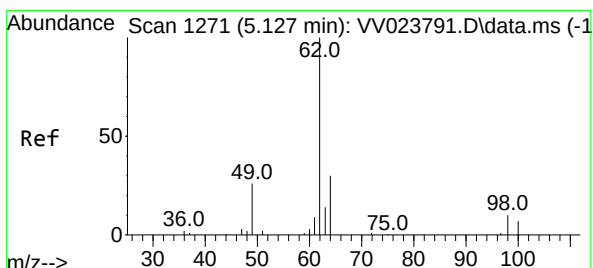
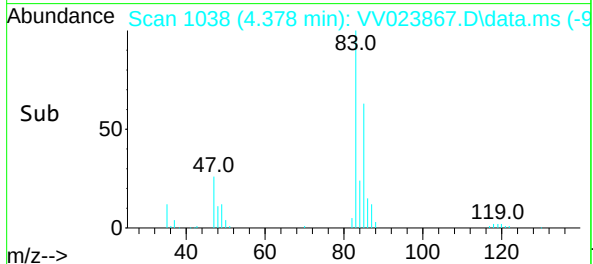
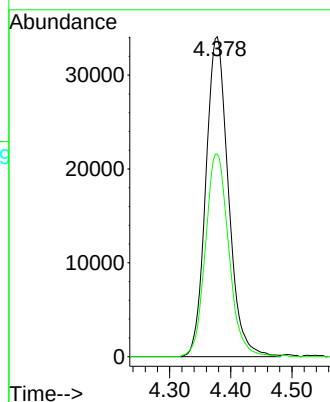
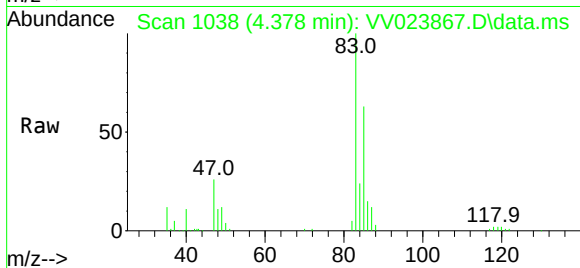
ClientSampleId :

Tgt Ion: 83 Resp: 87294

Ion Ratio Lower Upper

83 100

85 63.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.831 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV023867.D

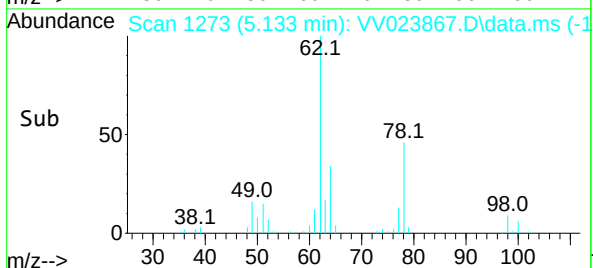
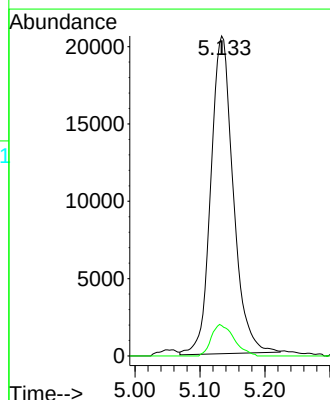
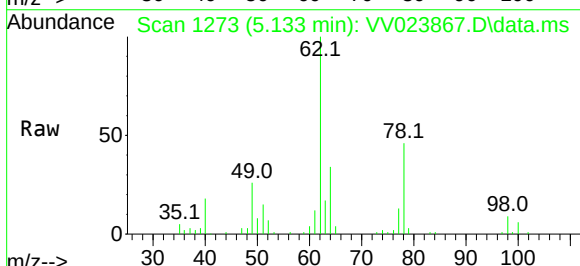
Acq: 09 Dec 2021 17:30

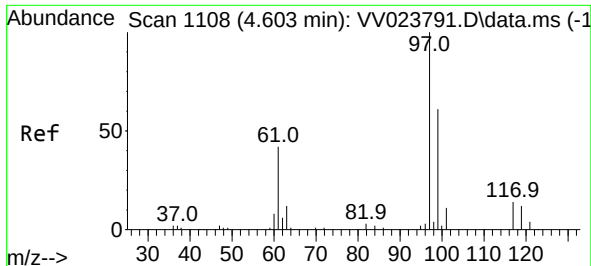
Tgt Ion: 62 Resp: 49291

Ion Ratio Lower Upper

62 100

98 9.5 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 32.913 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV023867.D

Acq: 09 Dec 2021 17:30

Instrument :

MSVOA_V

ClientSampleId :

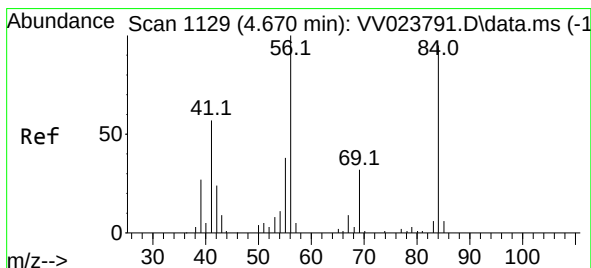
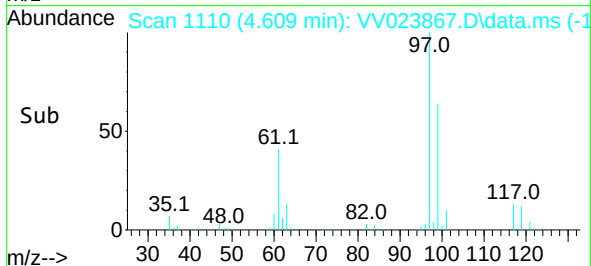
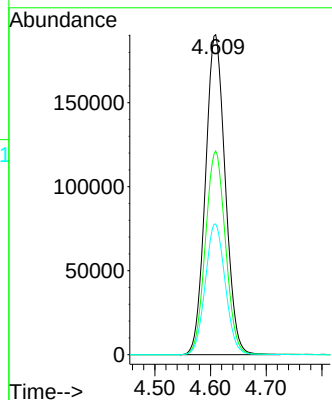
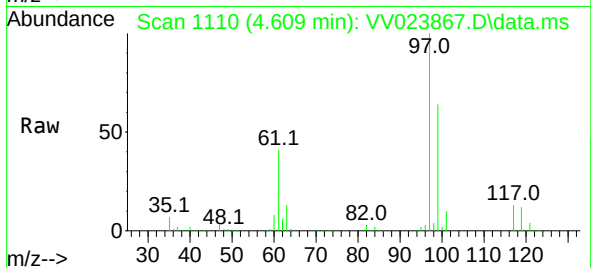
Tgt Ion: 97 Resp: 471726

Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 41.2 33.2 49.8



#30

Cyclohexane

Concen: 5.634 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VV023867.D

Acq: 09 Dec 2021 17:30

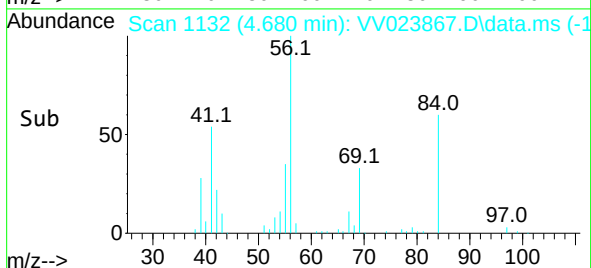
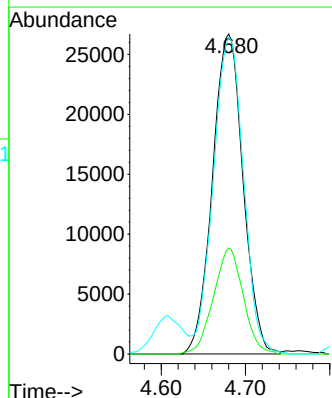
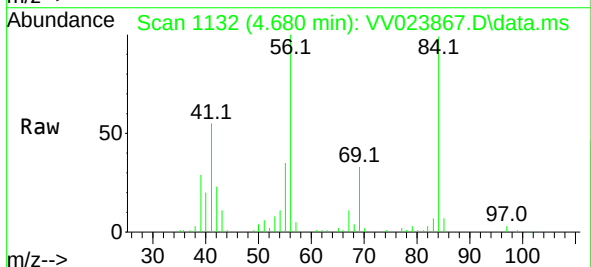
Tgt Ion: 56 Resp: 67382

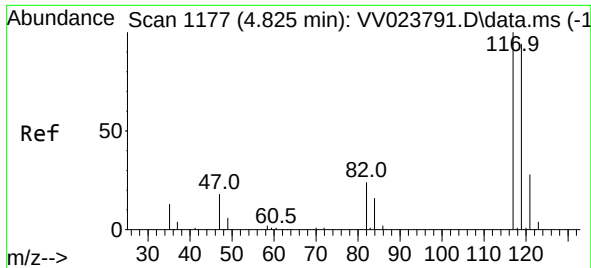
Ion Ratio Lower Upper

56 100

69 32.1 24.8 37.2

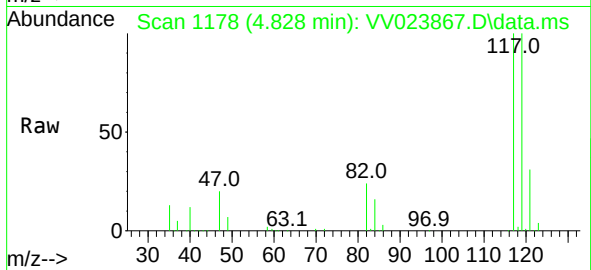
84 97.9 75.9 113.9



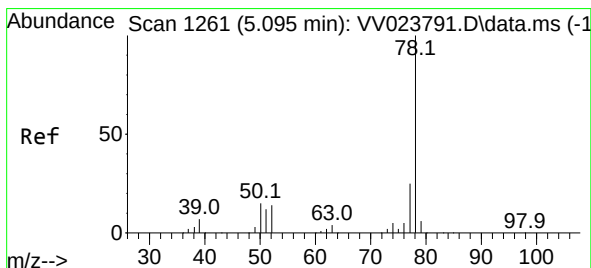
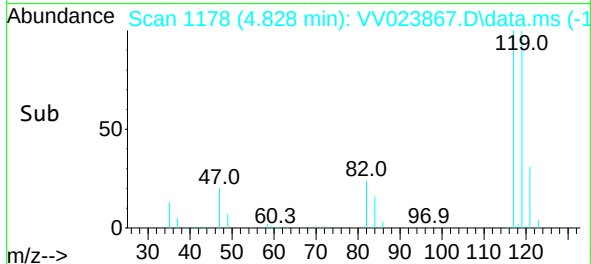
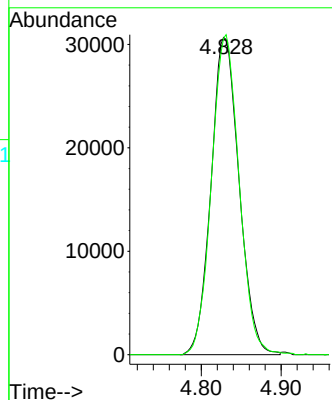


#31
Carbon tetrachloride
Concen: 5.698 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

Instrument :
MSVOA_V
ClientSampleId :

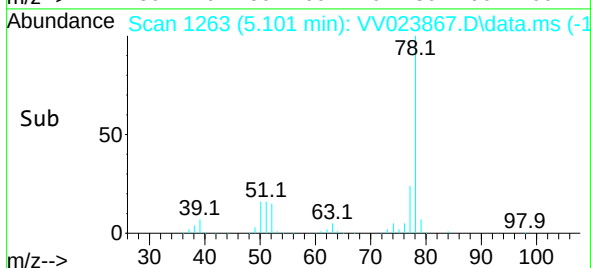
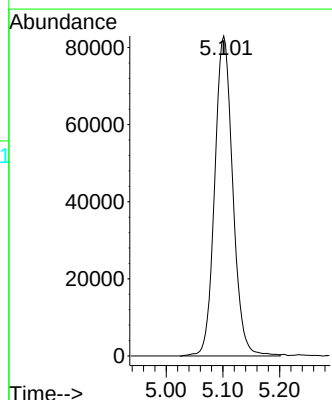
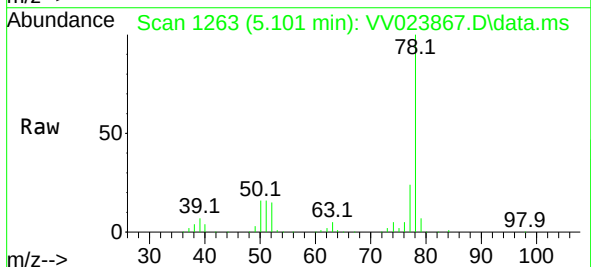


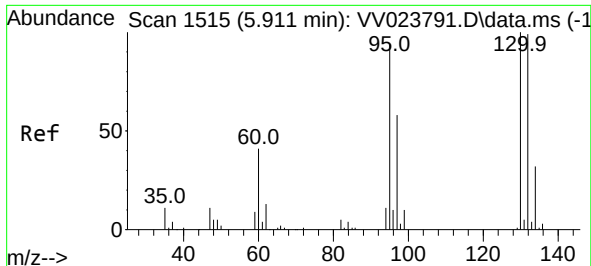
Tgt Ion:117 Resp: 74814
Ion Ratio Lower Upper
117 100
119 99.2 76.6 114.8



#33
Benzene
Concen: 5.889 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

Tgt Ion: 78 Resp: 184123

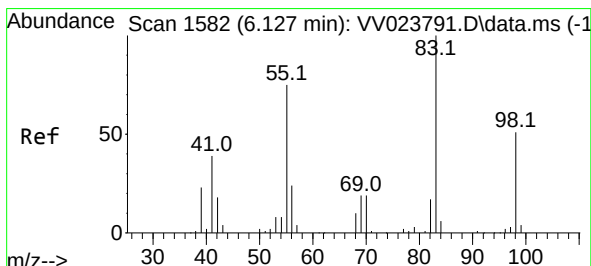
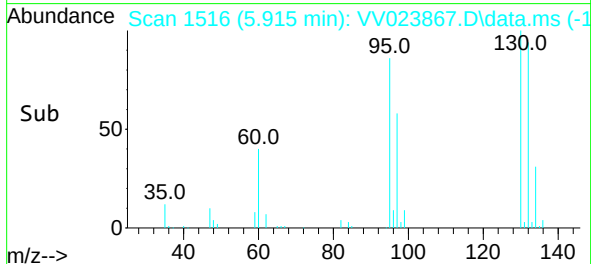
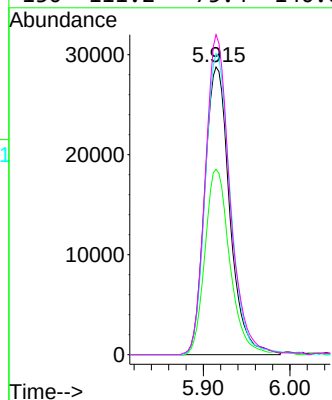
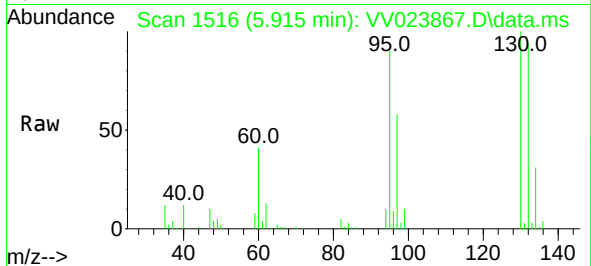




#34
Trichloroethene
Concen: 6.889 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

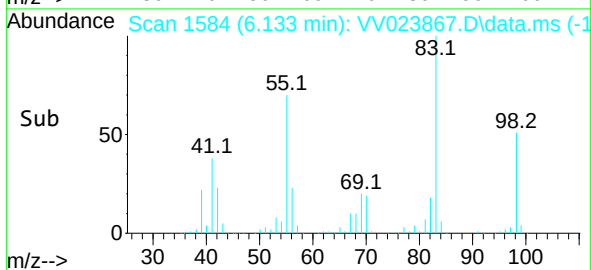
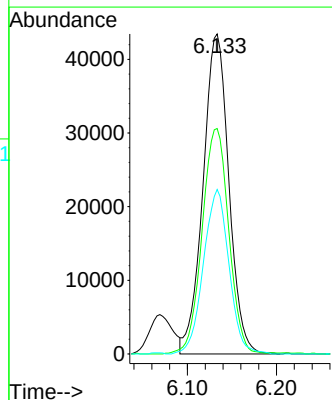
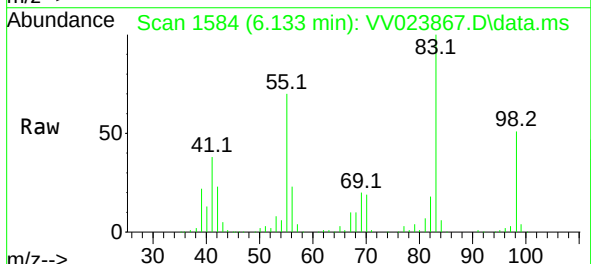
Instrument :
MSVOA_V
ClientSampleId :

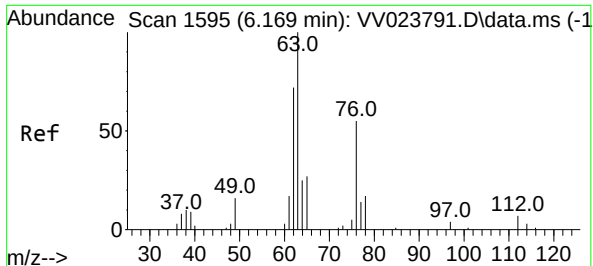
Tgt Ion: 95 Resp: 57705
Ion Ratio Lower Upper
95 100
97 64.5 45.2 84.0
132 104.7 76.1 141.3
130 111.2 75.4 140.0



#35
Methylcyclohexane
Concen: 6.703 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

Tgt Ion: 83 Resp: 87532
Ion Ratio Lower Upper
83 100
55 72.6 60.2 90.2
98 50.8 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.690 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV023867.D

Acq: 09 Dec 2021 17:30

Instrument :

MSVOA_V

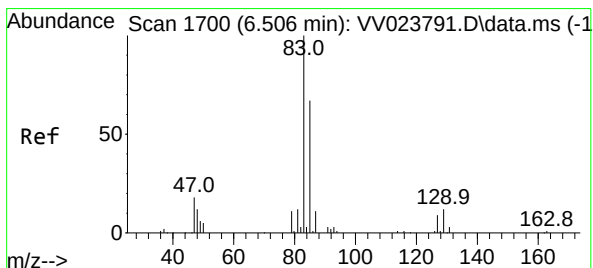
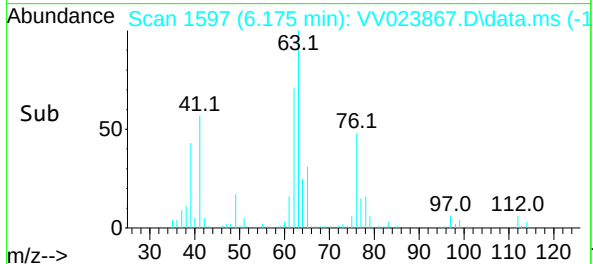
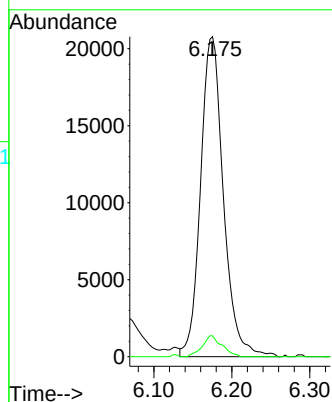
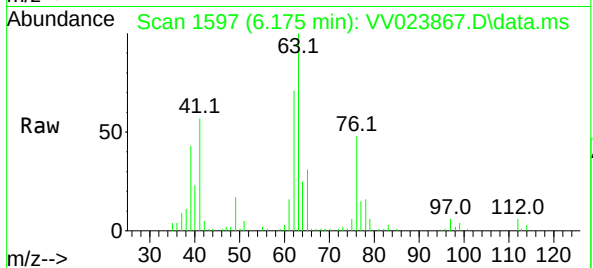
ClientSampleId :

Tgt Ion: 63 Resp: 42293

Ion Ratio Lower Upper

63 100

112 5.6 4.3 6.5



#38

Bromodichloromethane

Concen: 5.872 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV023867.D

Acq: 09 Dec 2021 17:30

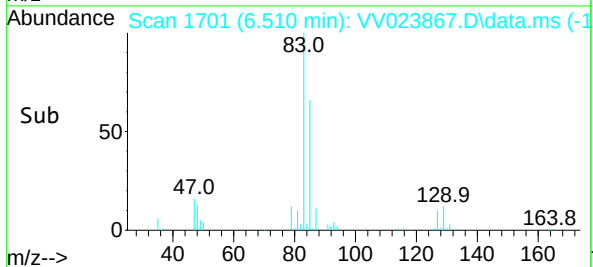
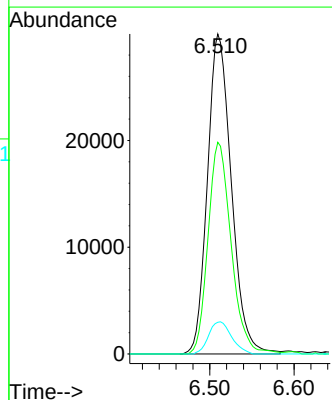
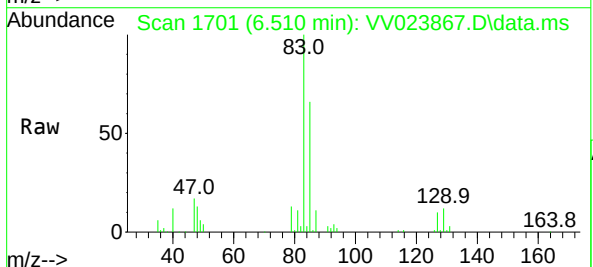
Tgt Ion: 83 Resp: 59231

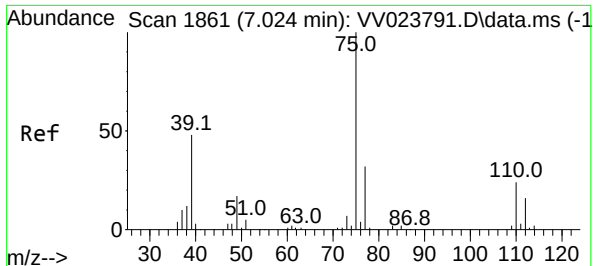
Ion Ratio Lower Upper

83 100

85 66.2 44.0 81.8

127 9.9 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.837 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023867.D

Acq: 09 Dec 2021 17:30

Instrument :

MSVOA_V

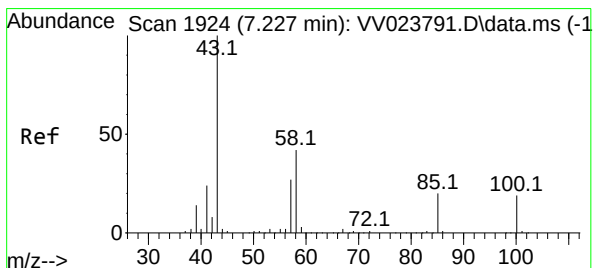
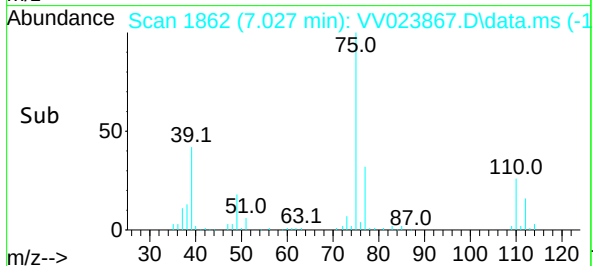
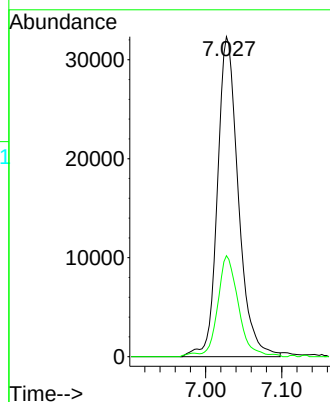
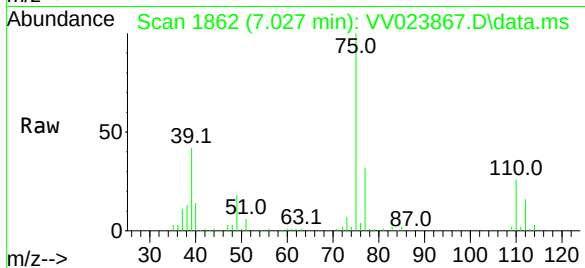
ClientSampleId :

Tgt Ion: 75 Resp: 61740

Ion Ratio Lower Upper

75 100

77 31.6 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 59.975 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023867.D

Acq: 09 Dec 2021 17:30

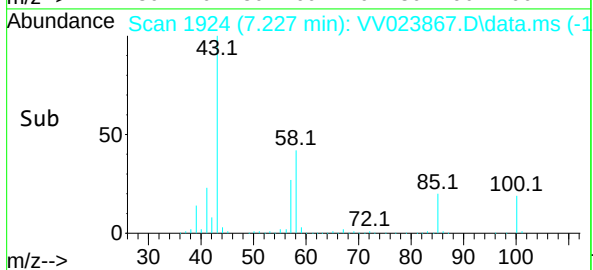
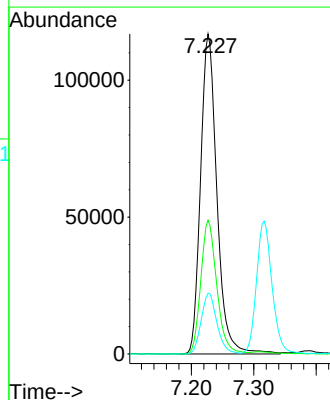
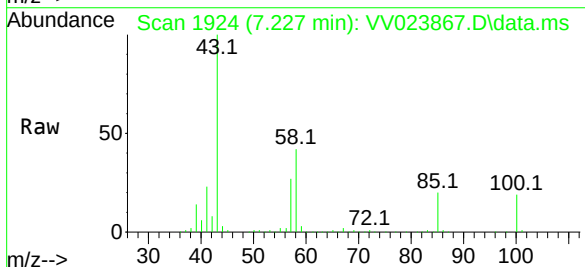
Tgt Ion: 43 Resp: 212789

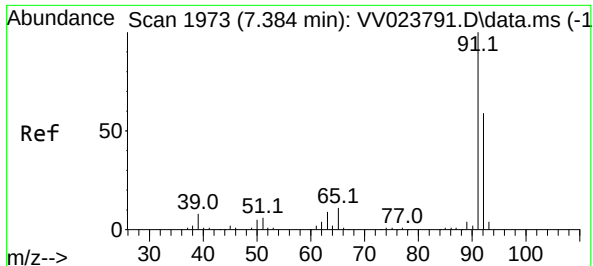
Ion Ratio Lower Upper

43 100

58 40.8 32.3 48.5

100 18.3 13.0 19.6





#42

Toluene

Concen: 6.076 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV023867.D

Acq: 09 Dec 2021 17:30

Instrument :

MSVOA_V

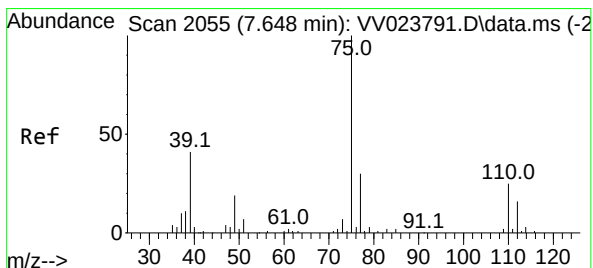
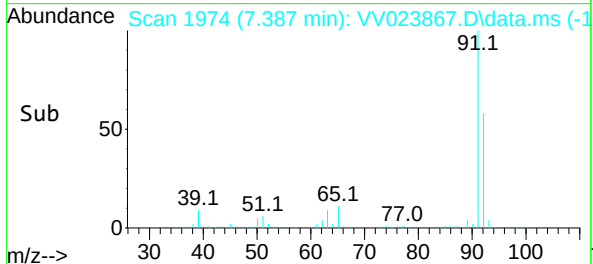
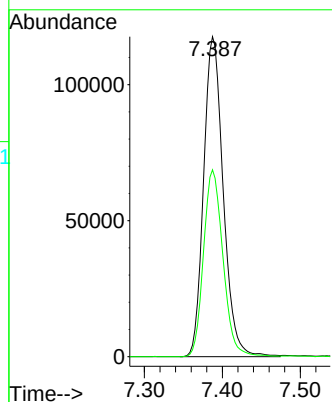
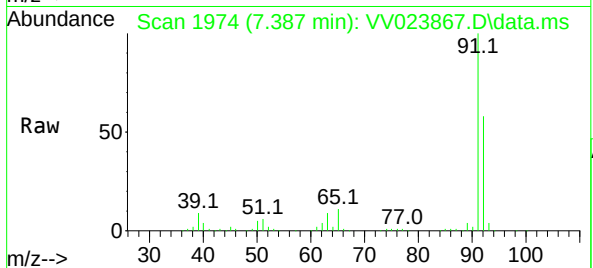
ClientSampleId :

Tgt Ion: 91 Resp: 206019

Ion Ratio Lower Upper

91 100

92 58.4 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.955 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV023867.D

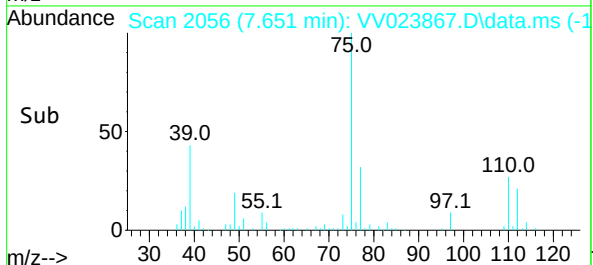
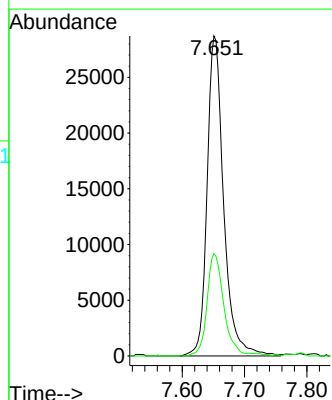
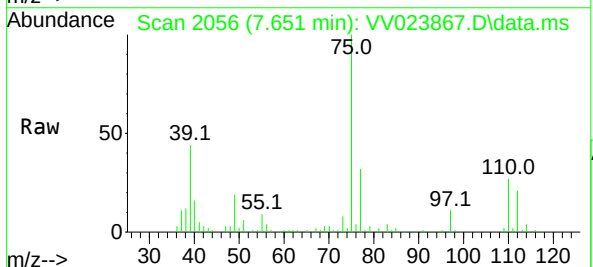
Acq: 09 Dec 2021 17:30

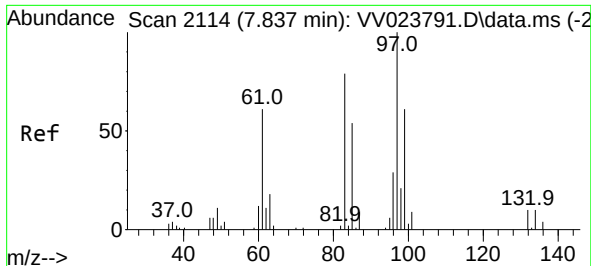
Tgt Ion: 75 Resp: 52935

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4



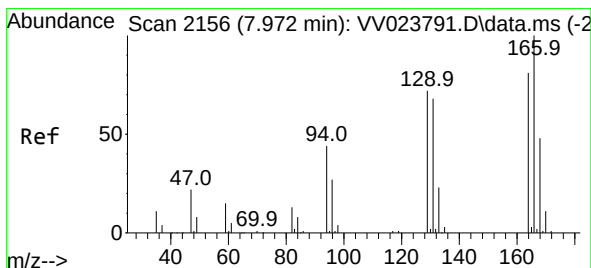
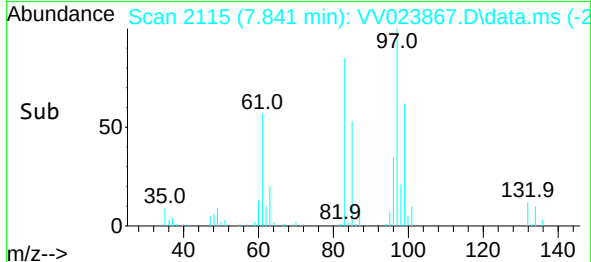
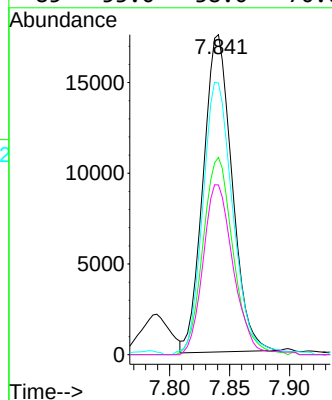
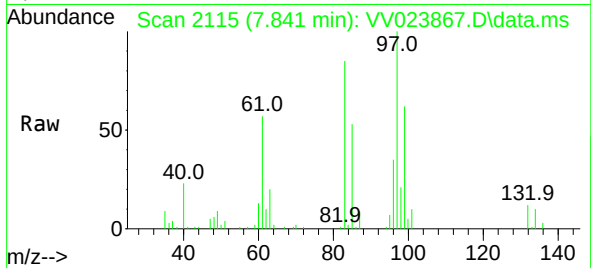


#45
1,1,2-Trichloroethane
Concen: 5.705 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 29358

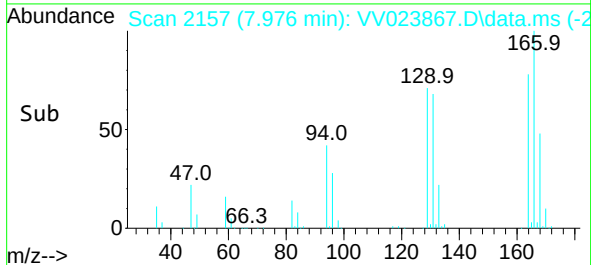
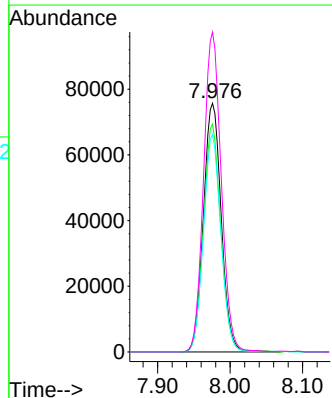
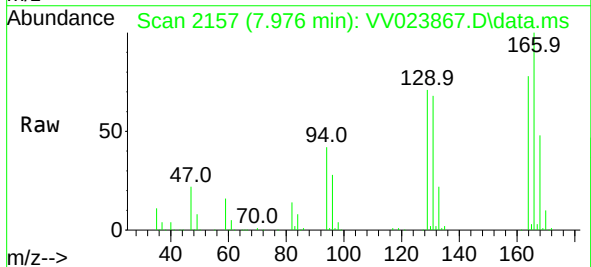
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.1	80.1
83	84.9	57.9	107.5
85	53.0	38.0	70.6

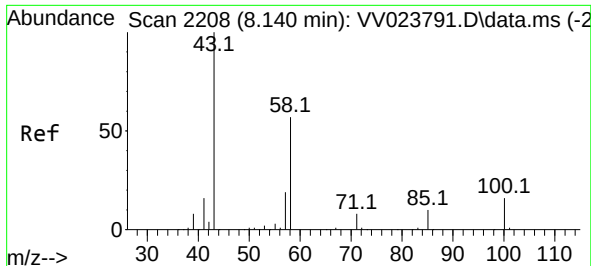


#47
Tetrachloroethene
Concen: 16.930 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

Tgt Ion: 164 Resp: 129071

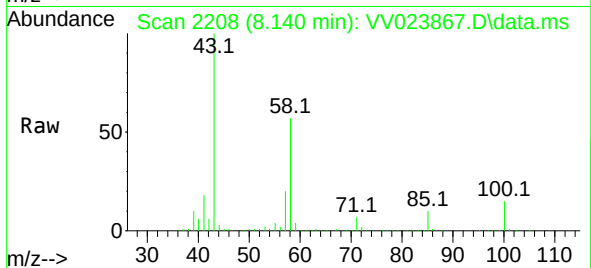
Ion	Ratio	Lower	Upper
164	100		
129	91.5	62.6	116.2
131	87.4	61.0	113.4
166	128.6	87.3	162.1



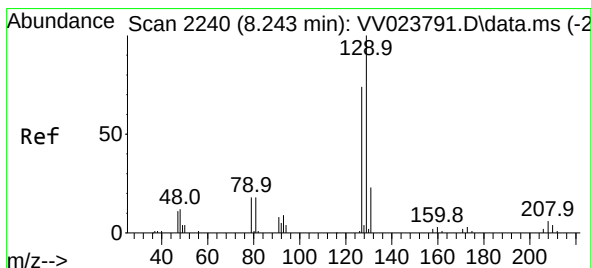
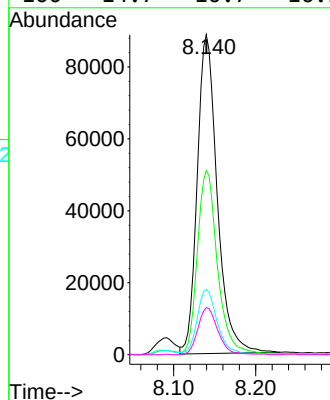
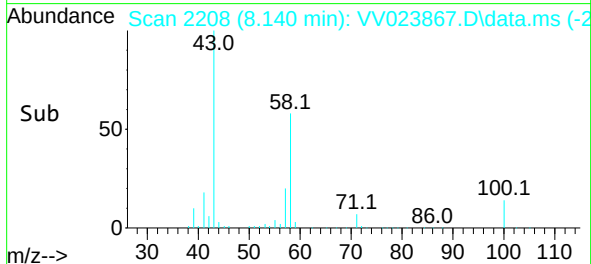


#48
2-Hexanone
Concen: 57.322 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

Instrument :
MSVOA_V
ClientSampleId :

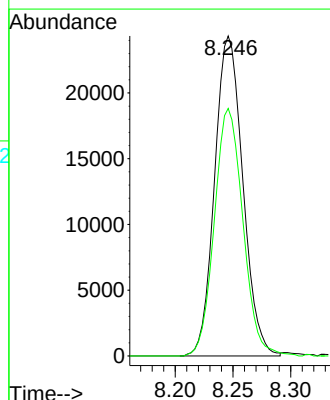
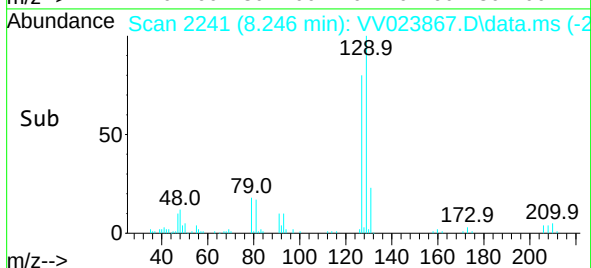
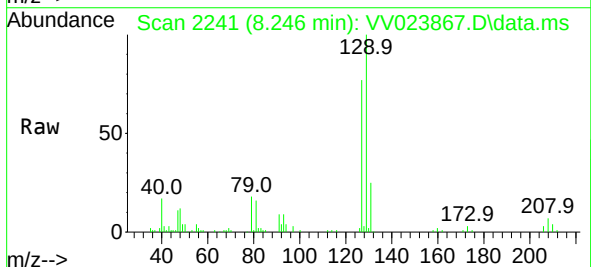


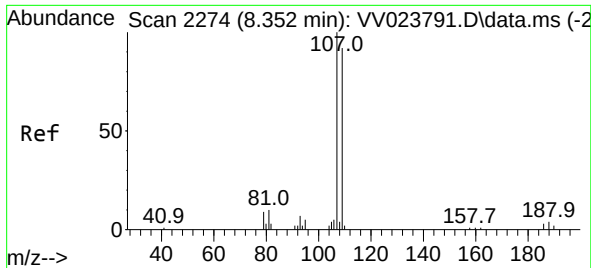
Tgt Ion: 43 Resp: 150317
Ion Ratio Lower Upper
43 100
58 56.8 44.5 66.7
57 20.3 15.1 22.7
100 14.7 10.7 16.1



#49
Dibromochloromethane
Concen: 5.865 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

Tgt Ion: 129 Resp: 41361
Ion Ratio Lower Upper
129 100
127 77.4 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.886 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023867.D

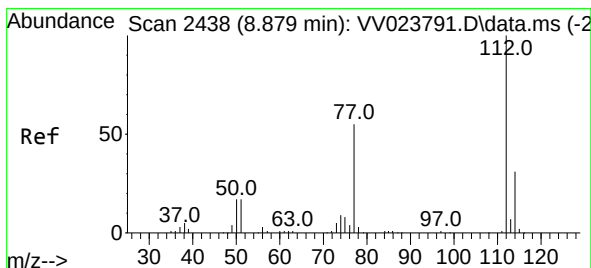
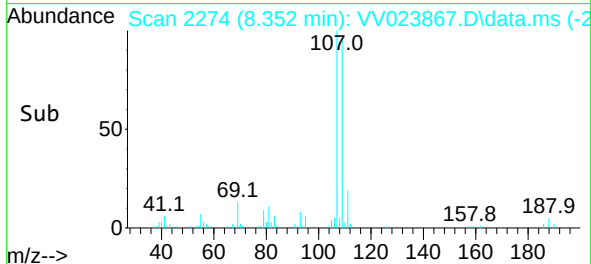
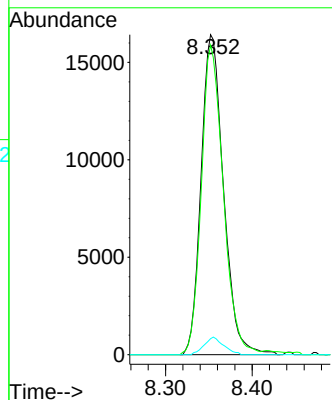
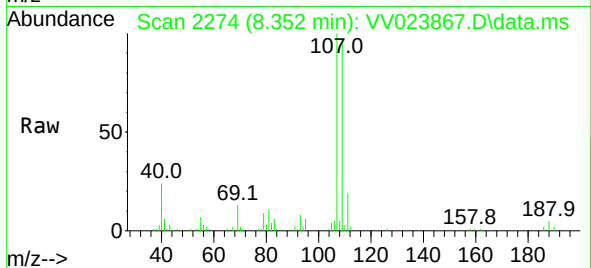
Acq: 09 Dec 2021 17:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	29538
Ion Ratio	Lower	Upper
107	100	
109	96.7	62.5 116.1
188	5.0	3.4 5.2



#51

Chlorobenzene

Concen: 5.805 ug/L

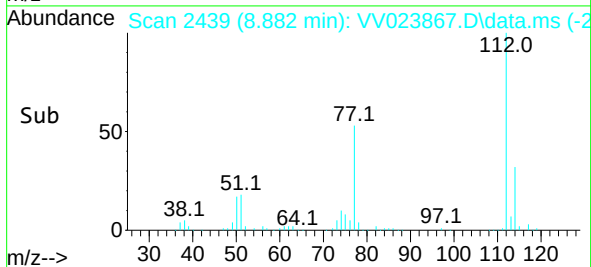
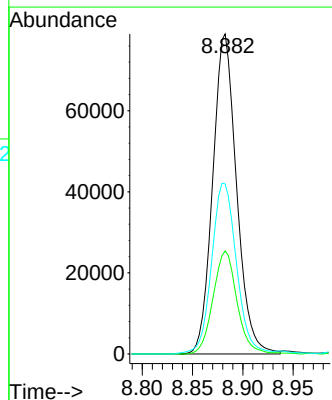
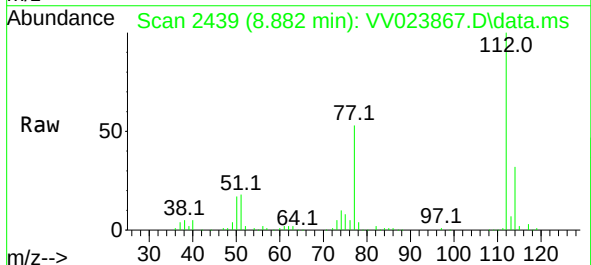
RT: 8.882 min Scan# 2439

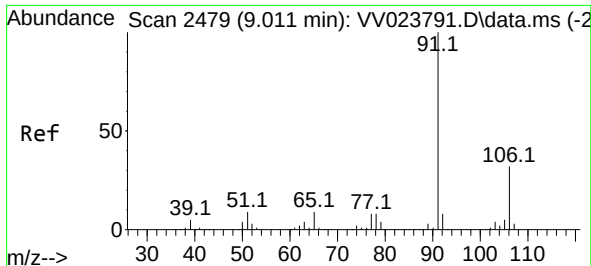
Delta R.T. 0.003 min

Lab File: VV023867.D

Acq: 09 Dec 2021 17:30

Tgt Ion:112	Resp:	130495
Ion Ratio	Lower	Upper
112	100	
114	32.2	23.3 43.3
77	53.1	43.3 64.9

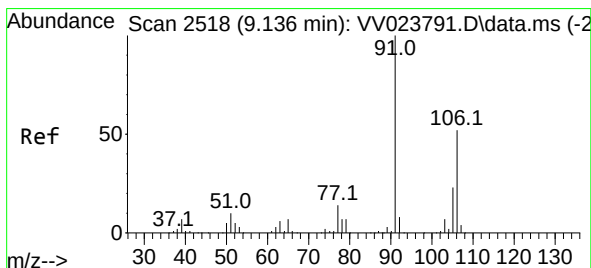
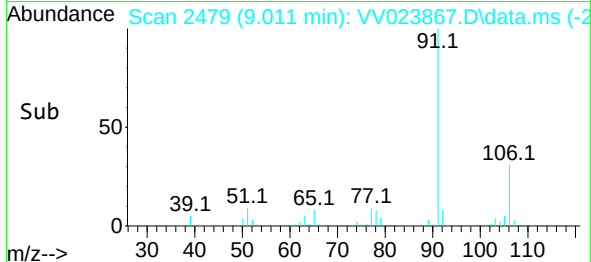
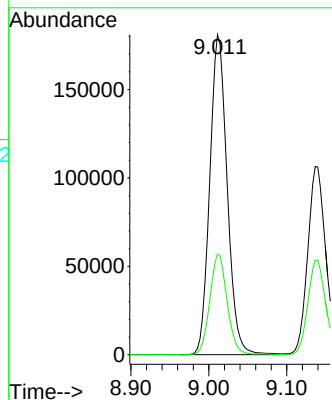
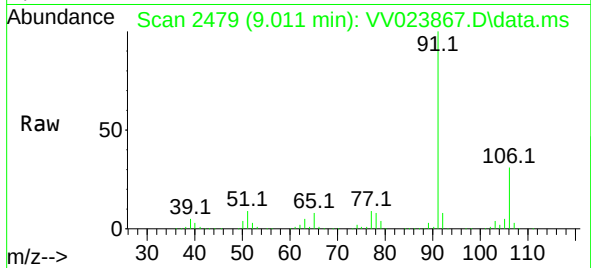




#52
Ethylbenzene
Concen: 7.949 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

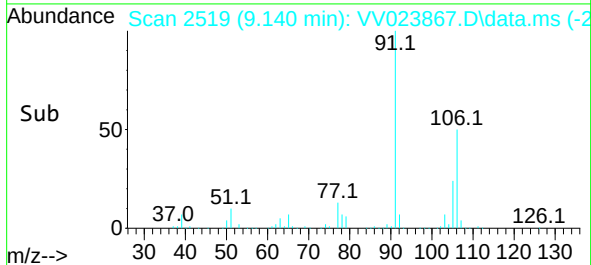
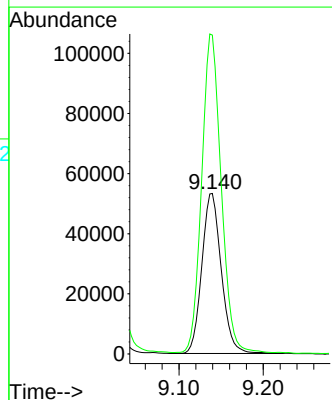
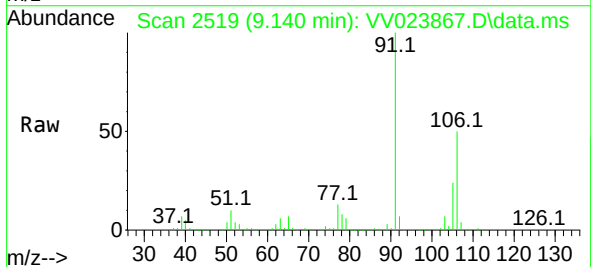
Instrument :
MSVOA_V
ClientSampleId :

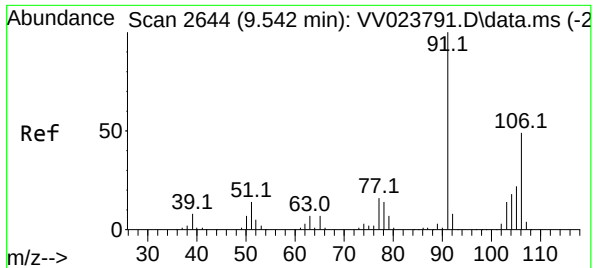
Tgt Ion: 91 Resp: 281753
Ion Ratio Lower Upper
91 100
106 31.5 22.0 41.0



#53
m,p-xylene
Concen: 6.070 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

Tgt Ion: 106 Resp: 85632
Ion Ratio Lower Upper
106 100
91 198.8 139.5 259.1

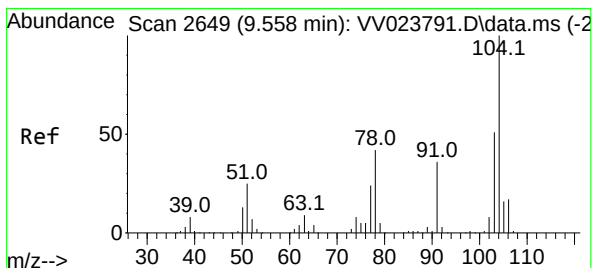
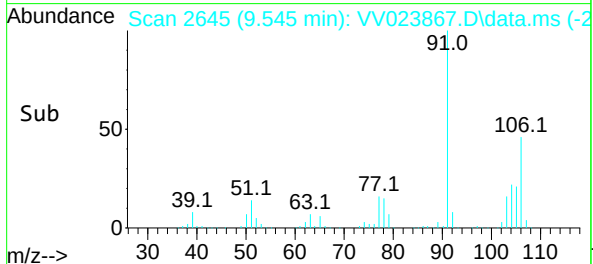
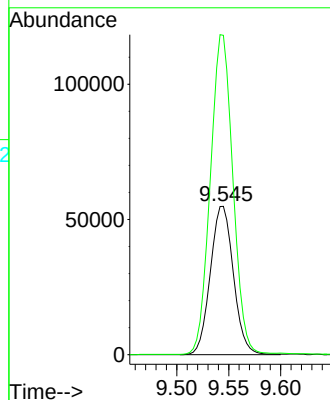
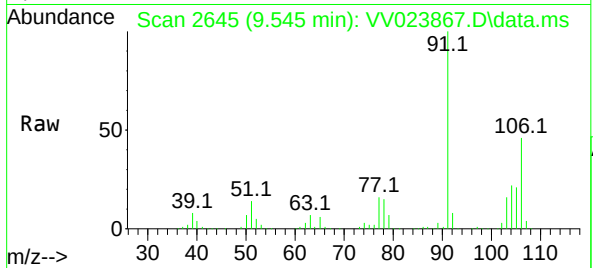




#54
o-xylene
Concen: 6.311 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

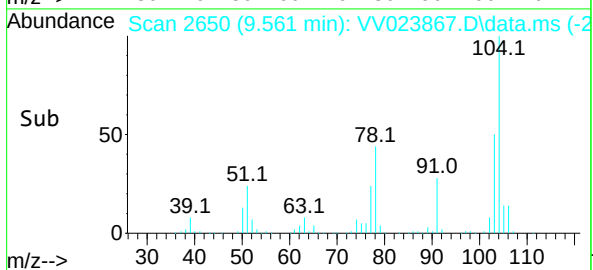
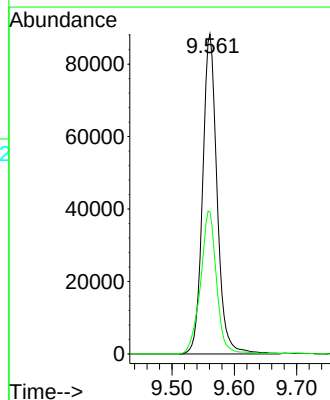
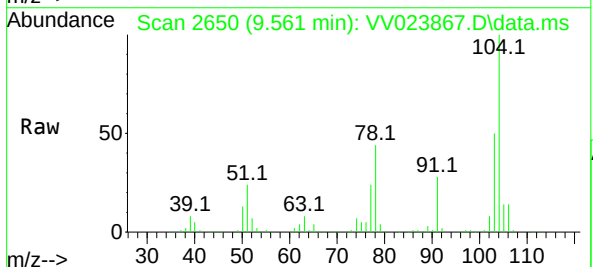
Instrument :
MSVOA_V
ClientSampleId :

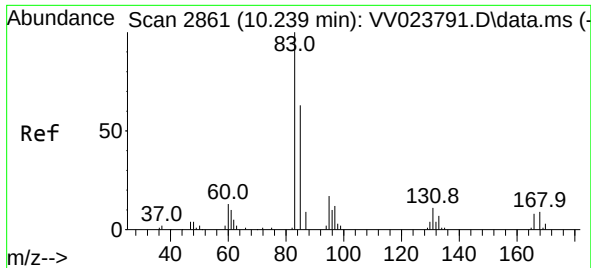
Tgt Ion:106 Resp: 84671
Ion Ratio Lower Upper
106 100
91 215.2 147.9 274.7



#55
Styrene
Concen: 6.311 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

Tgt Ion:104 Resp: 142664
Ion Ratio Lower Upper
104 100
78 44.4 31.0 57.6

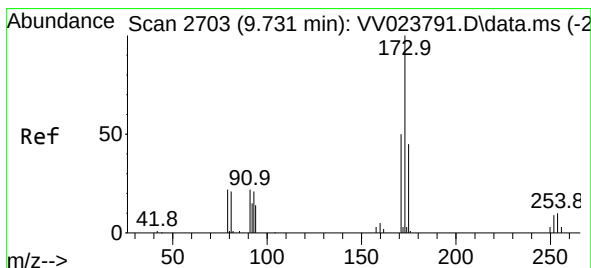
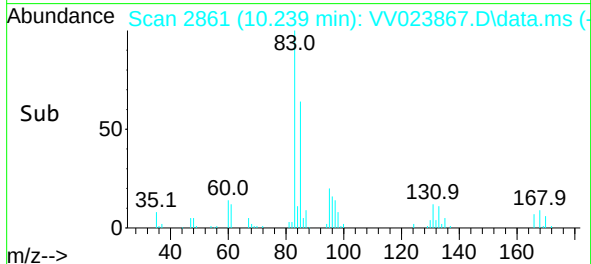
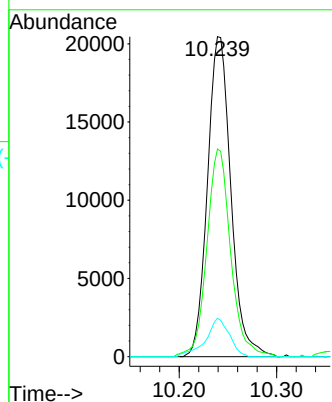
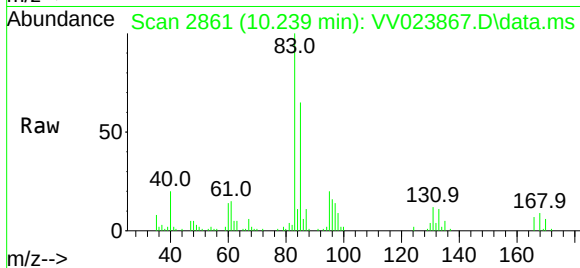




#57
1,1,2,2-Tetrachloroethane
Concen: 5.967 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

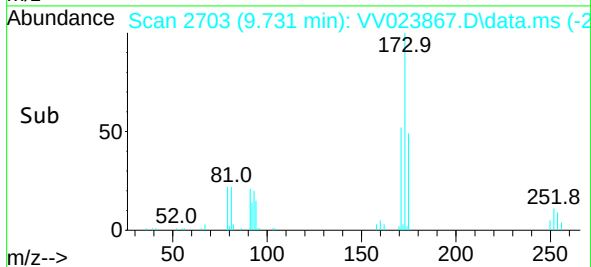
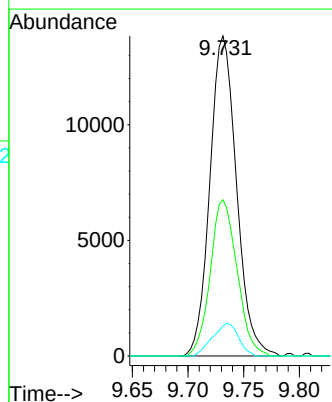
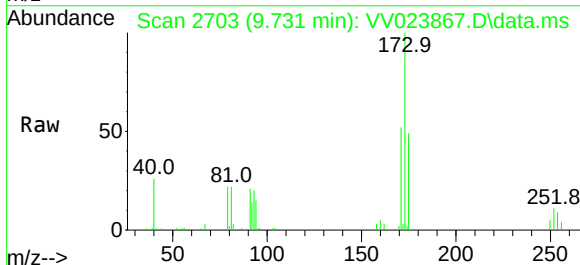
Instrument :
MSVOA_V
ClientSampleId :

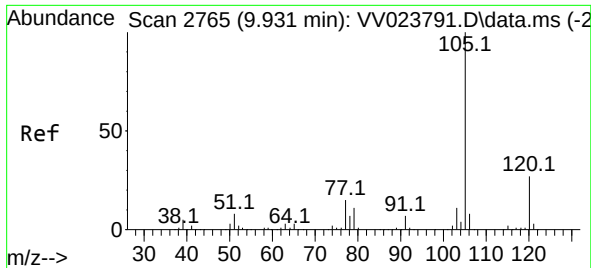
Tgt Ion: 83 Resp: 34167
Ion Ratio Lower Upper
83 100
85 64.9 44.6 82.8
131 12.0 8.3 12.5



#59
Bromoform
Concen: 5.415 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

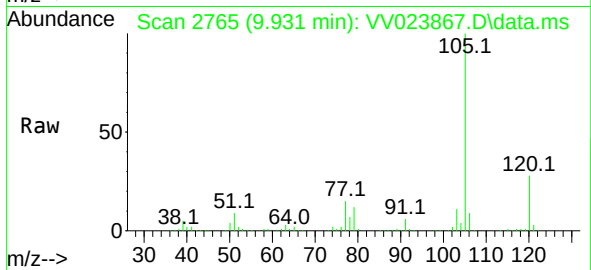
Tgt Ion: 173 Resp: 23030
Ion Ratio Lower Upper
173 100
175 49.0 39.4 59.2
254 9.9 7.4 11.0



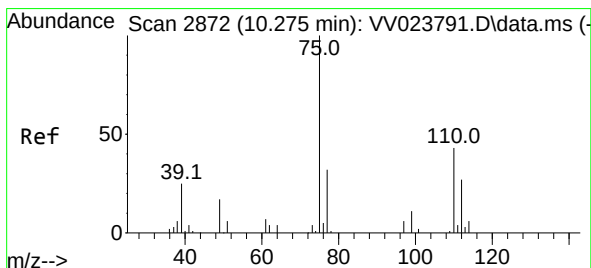
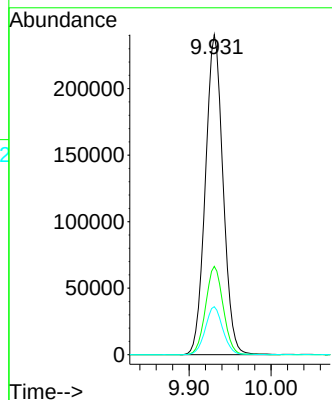
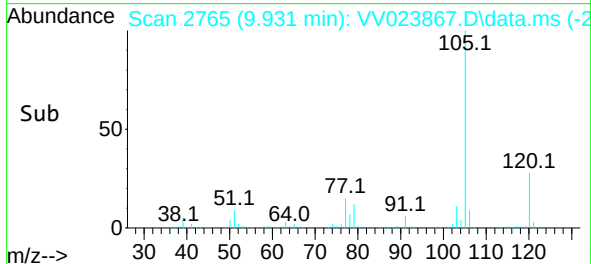


#60
Isopropylbenzene
Concen: 9.346 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

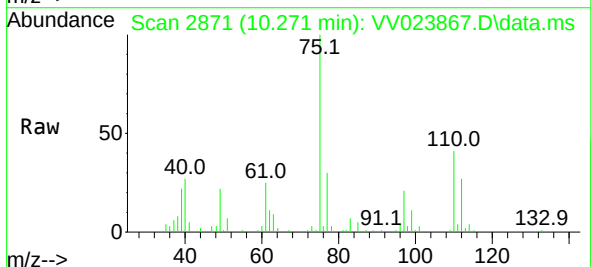
Instrument :
MSVOA_V
ClientSampleId :



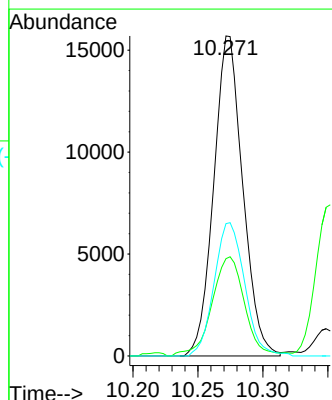
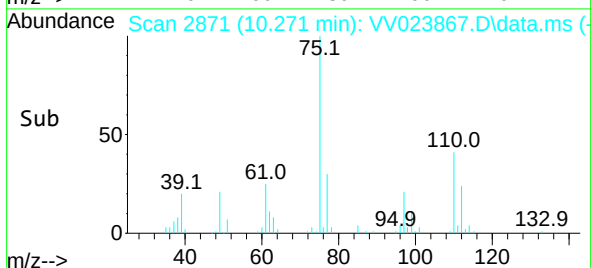
Tgt Ion:105 Resp: 359398
Ion Ratio Lower Upper
105 100
120 27.5 21.4 32.0
77 15.0 12.2 18.4

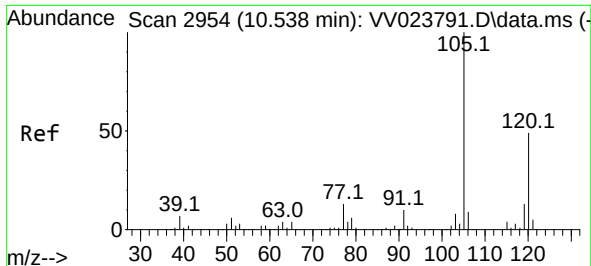


#61
1,2,3-Trichloropropane
Concen: 5.334 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30



Tgt Ion: 75 Resp: 24361
Ion Ratio Lower Upper
75 100
77 34.8 26.4 39.6
110 43.8 34.2 51.2

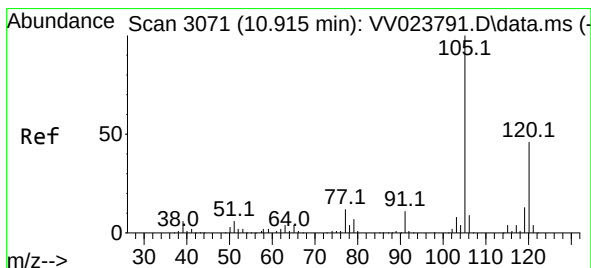
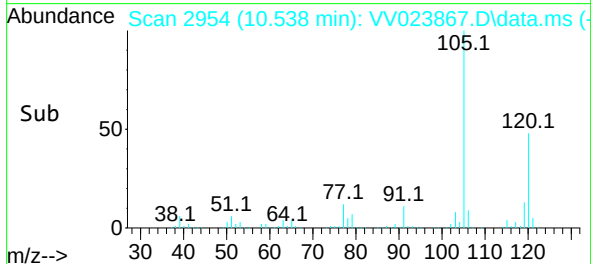
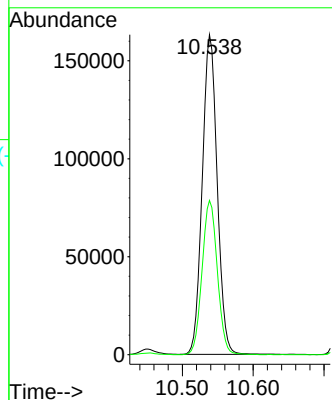
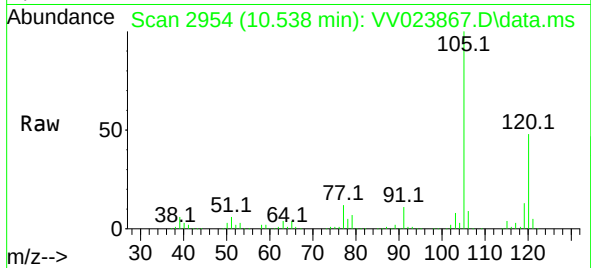




#62
1,3,5-Trimethylbenzene
Concen: 7.451 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

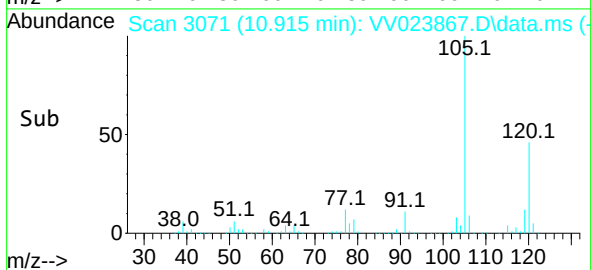
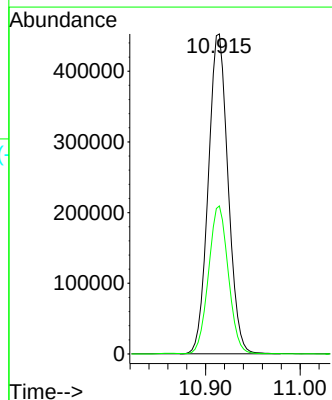
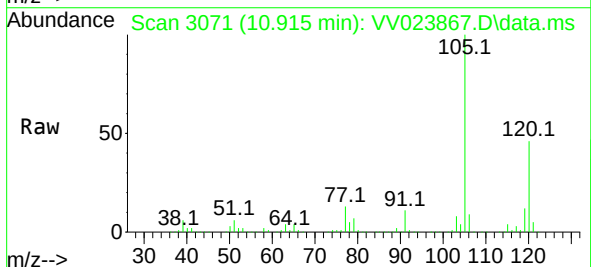
Instrument :
MSVOA_V
ClientSampleId :

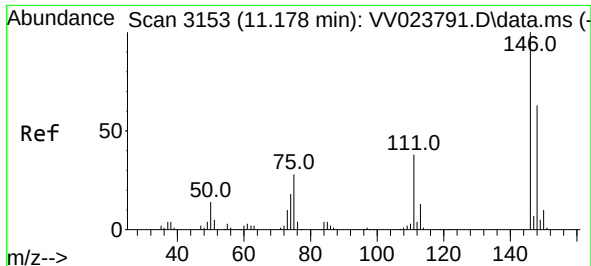
Tgt Ion:105 Resp: 238415
Ion Ratio Lower Upper
105 100
120 49.4 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 20.777 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

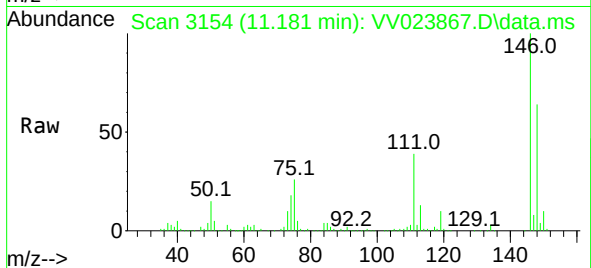
Tgt Ion:105 Resp: 657482
Ion Ratio Lower Upper
105 100
120 46.3 36.7 55.1



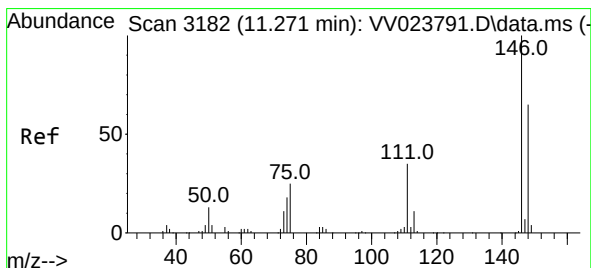
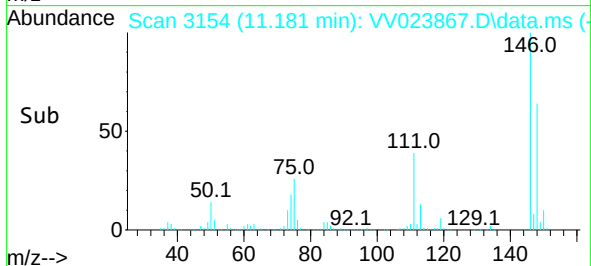
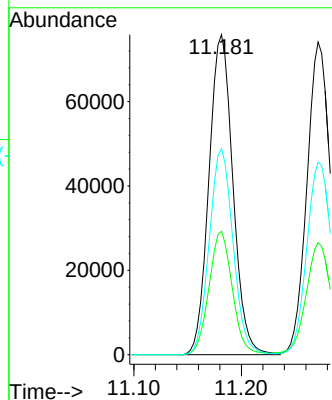


#64
1,3-Dichlorobenzene
Concen: 5.978 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

Instrument :
MSVOA_V
ClientSampleId :

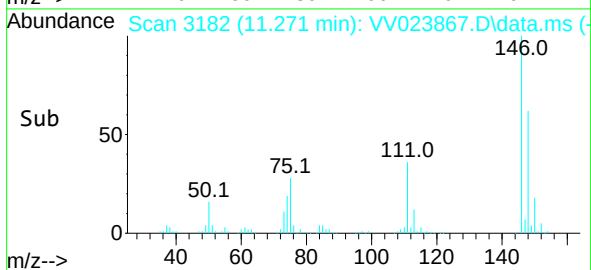
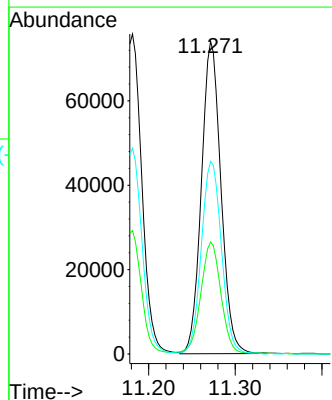
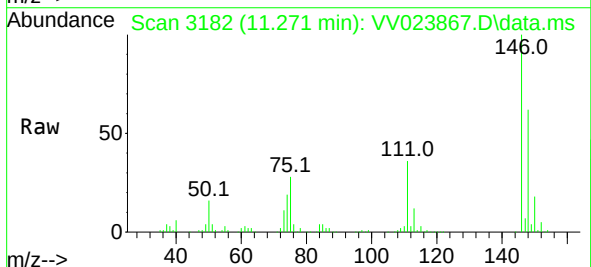


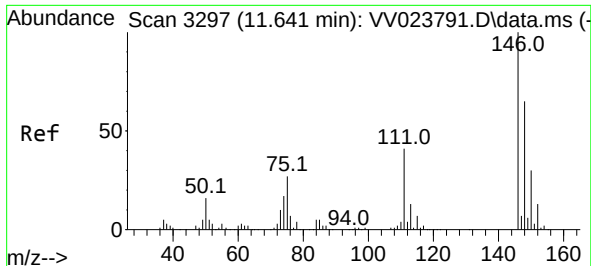
Tgt Ion:146 Resp: 117529
Ion Ratio Lower Upper
146 100
111 38.6 26.3 48.9
148 64.4 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.864 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023867.D
Acq: 09 Dec 2021 17:30

Tgt Ion:146 Resp: 115881
Ion Ratio Lower Upper
146 100
111 35.9 25.6 47.6
148 61.6 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 7.641 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV023867.D

Acq: 09 Dec 2021 17:30

Instrument :

MSVOA_V

ClientSampleId :

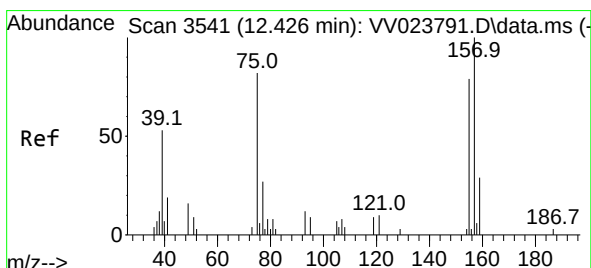
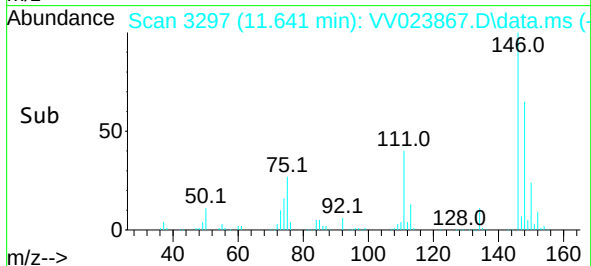
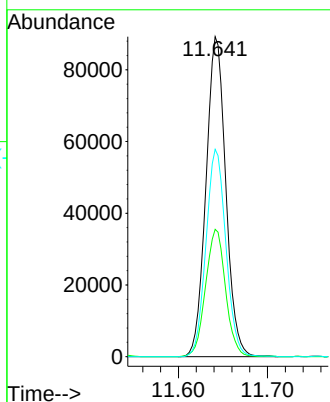
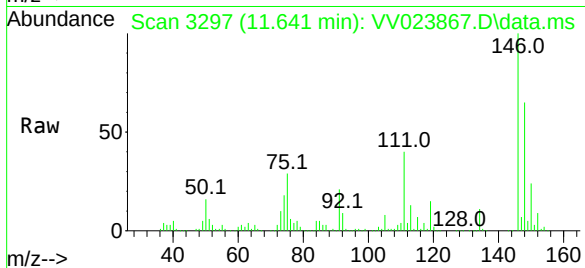
Tgt Ion:146 Resp: 137493

Ion Ratio Lower Upper

146 100

111 39.8 31.9 47.9

148 64.8 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 6.450 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV023867.D

Acq: 09 Dec 2021 17:30

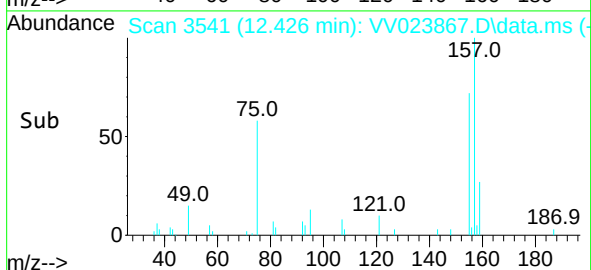
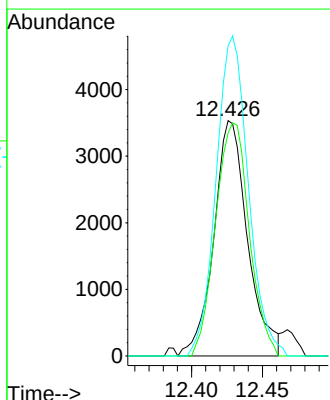
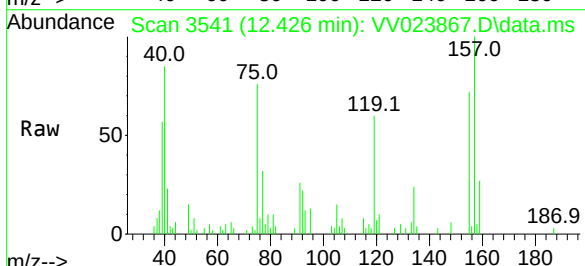
Tgt Ion: 75 Resp: 5850

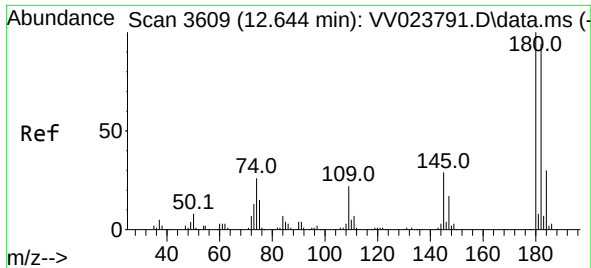
Ion Ratio Lower Upper

75 100

155 94.7 71.7 107.5

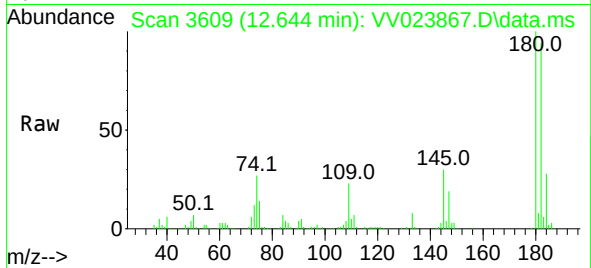
157 131.8 103.3 154.9



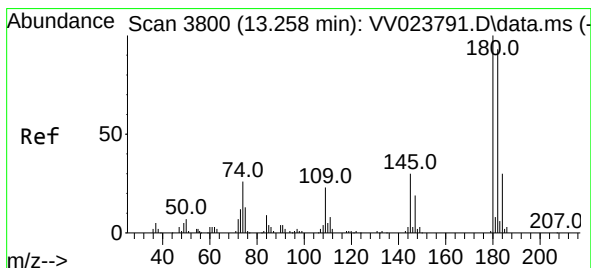
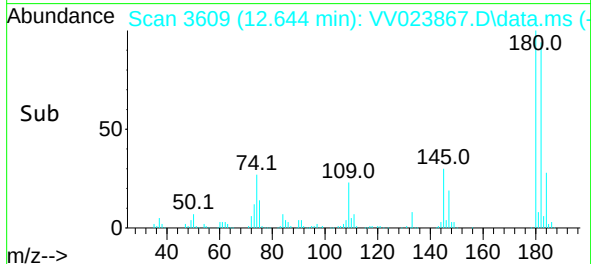
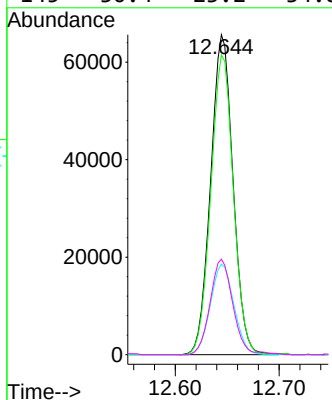


#69
 1,3,5-Trichlorobenzene
 Concen: 6.401 ug/L
 RT: 12.644 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VV023867.D
 Acq: 09 Dec 2021 17:30

Instrument :
 MSVOA_V
 ClientSampleId :

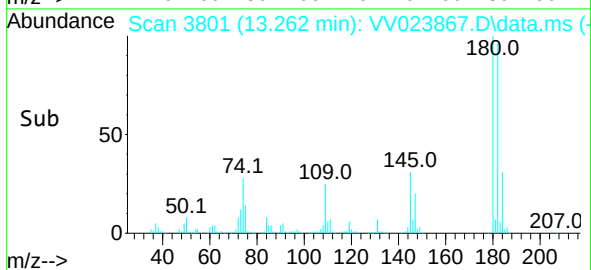
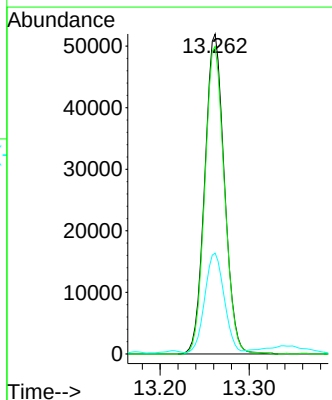
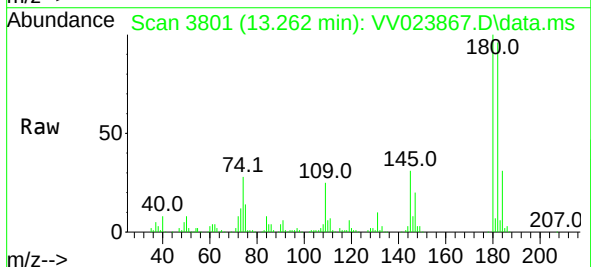


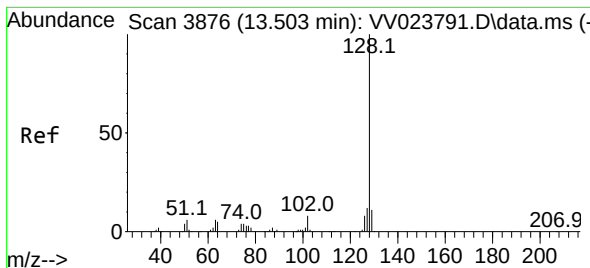
Tgt Ion:180 Resp: 98257
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.4 114.6
 184 29.7 24.2 36.4
 145 30.4 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 6.668 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023867.D
 Acq: 09 Dec 2021 17:30

Tgt Ion:180 Resp: 79424
 Ion Ratio Lower Upper
 180 100
 182 95.7 74.4 111.6
 145 30.8 23.3 34.9





#71

Naphthalene

Concen: 20.100 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023867.D

Acq: 09 Dec 2021 17:30

Instrument :

MSVOA_V

ClientSampleId :

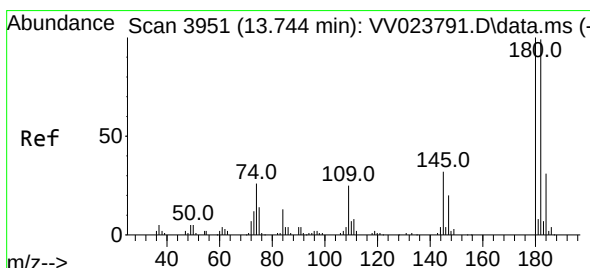
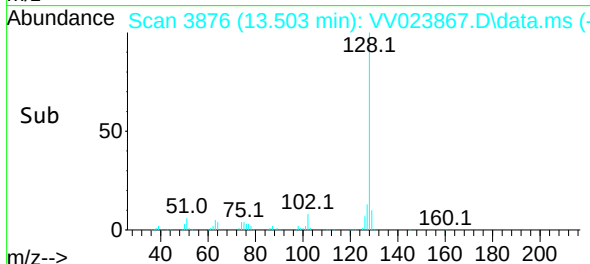
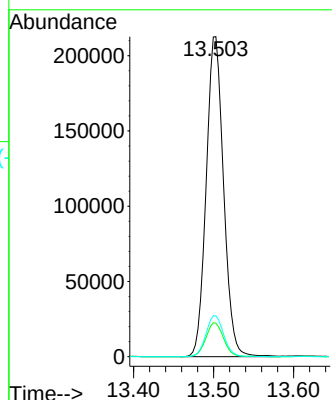
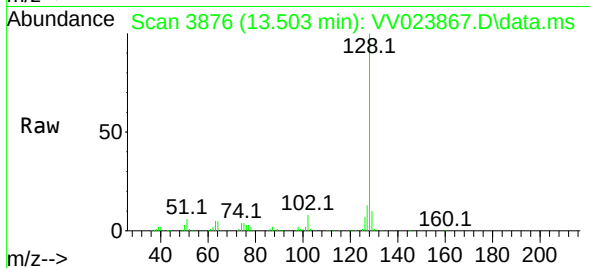
Tgt Ion:128 Resp: 322184

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

127 13.0 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 6.420 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023867.D

Acq: 09 Dec 2021 17:30

Tgt Ion:180 Resp: 66261

Ion Ratio Lower Upper

180 100

182 95.3 76.8 115.2

145 33.9 25.8 38.6

