

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023553.D
 Acq On : 16 Nov 2021 23:10
 Operator : SY/MD
 Sample : M4627-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4637MS

Quant Time: Nov 17 03:40:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 02:49:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129118	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	129998	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68515	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31659	3.914	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.568	69	25787	3.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.111	63	66790	4.411	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	3.905	46	51280	36.798	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.600%
24) Chloroform-d	4.349	84	68019	3.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
26) 1,2-Dichloroethane-d4	5.037	65	31931	4.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	5.050	84	126734	3.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.072	67	36519	3.719	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.400%
41) Toluene-d8	7.317	98	119633	3.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.625	79	15030	4.037	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.091	63	58090	42.407	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.820%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29860	4.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	47793	4.189	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	52728	4.188	ug/L	97
3) Chloromethane	1.240	50	47868	4.472	ug/L	97
5) Vinyl chloride	1.310	62	611453	57.194	ug/L	100
6) Bromomethane	1.523	94	25568	3.741	ug/L	96
8) Chloroethane	1.587	64	28802	4.668	ug/L	97
9) Trichlorofluoromethane	1.754	101	73403	4.570	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38011	4.700	ug/L	98
12) 1,1-Dichloroethene	2.121	96	49208	6.391	ug/L #	77
13) Acetone	2.207	43	27319	32.084	ug/L	90
14) Carbon disulfide	2.294	76	117169	4.032	ug/L	100
15) Methyl Acetate	2.445	43	9307	3.862	ug/L	94
16) Methylene chloride	2.507	84	39950	3.555	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	80027	4.722	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	155509	16.429	ug/L	97
19) 1,1-Dichloroethane	3.191	63	81135	5.077	ug/L	98
21) 2-Butanone	3.995	43	39965	29.030	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	334315	36.701	ug/L #	89
23) Bromochloromethane	4.252	128	19038	4.532	ug/L #	83
25) Chloroform	4.378	83	79254	4.652	ug/L	98

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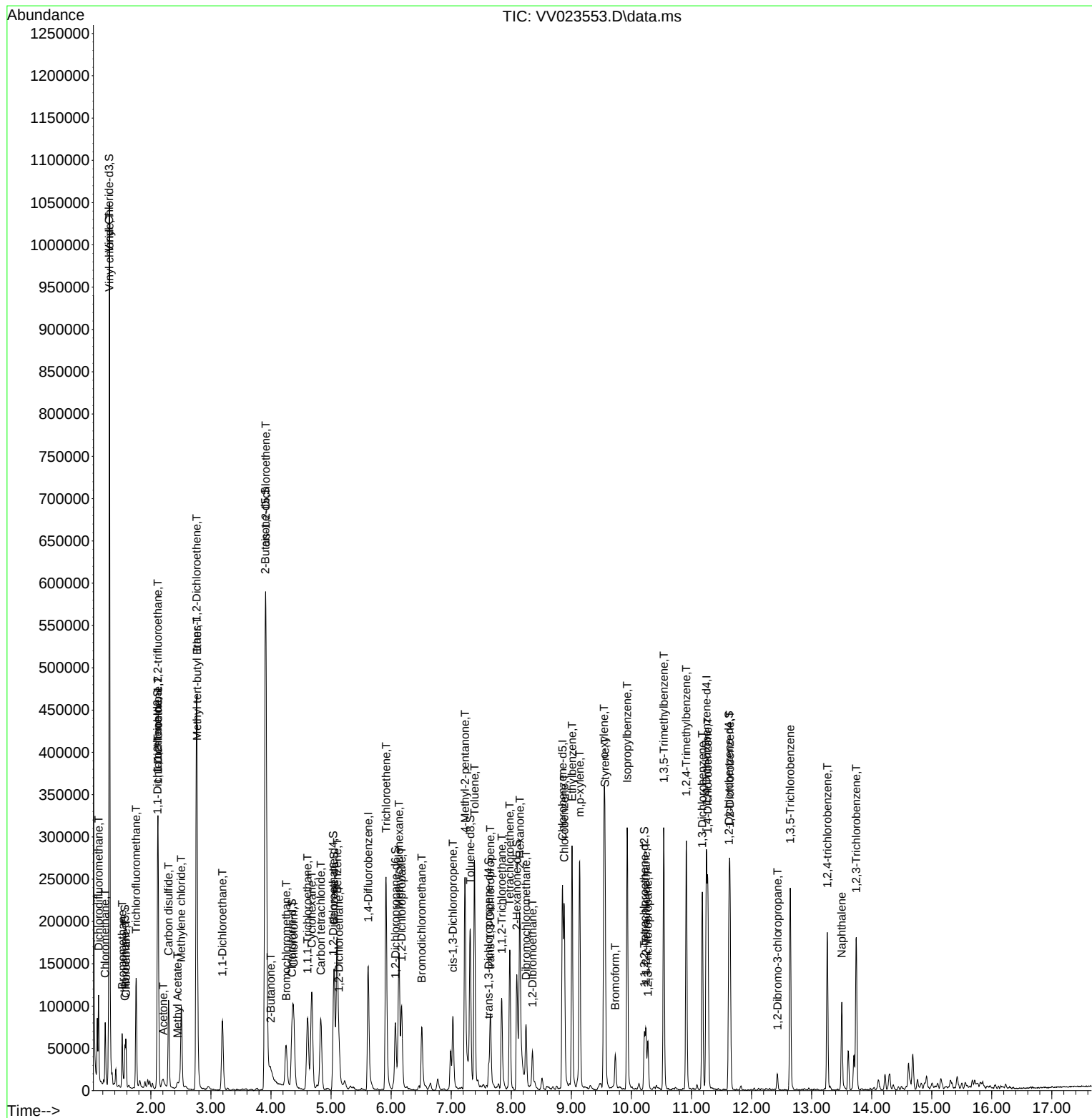
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	42008	4.636	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	70680	4.477	ug/L	99
30) Cyclohexane	4.680	56	61367	4.338	ug/L	96
31) Carbon tetrachloride	4.831	117	64237	4.530	ug/L	97
33) Benzene	5.101	78	181763	5.002	ug/L	100
34) Trichloroethene	5.915	95	84103	8.704	ug/L	96
35) Methylcyclohexane	6.130	83	64218	4.211	ug/L	96
37) 1,2-Dichloropropane	6.175	63	38109	4.493	ug/L	100
38) Bromodichloromethane	6.510	83	52094	4.583	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	53287	4.368	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	202800	51.549	ug/L	98
42) Toluene	7.387	91	192149	4.944	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	46154	4.559	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	25344	4.158	ug/L	97
47) Tetrachloroethene	7.976	164	36310	4.336	ug/L	98
48) 2-Hexanone	8.143	43	144278	52.338	ug/L	97
49) Dibromochloromethane	8.246	129	35672	4.619	ug/L	99
50) 1,2-Dibromoethane	8.355	107	26162	4.632	ug/L	93
51) Chlorobenzene	8.882	112	119793	4.637	ug/L	98
52) Ethylbenzene	9.011	91	194416	4.743	ug/L	97
53) m,p-xylene	9.140	106	75987	4.724	ug/L	96
54) o-xylene	9.545	106	70980	4.703	ug/L	97
55) Styrene	9.561	104	122975	4.757	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	31279	4.684	ug/L	99
59) Bromoform	9.731	173	19542	4.775	ug/L	99
60) Isopropylbenzene	9.931	105	193596	4.924	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22154	4.868	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	160223	4.915	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	160404	4.943	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	96330	4.795	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	94022	4.583	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	88717	4.935	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.432	75	4330	4.465	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	74819	4.757	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	56868	4.515	ug/L	99
71) Naphthalene	13.503	128	81575	4.392	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	54029	4.903	ug/L	98

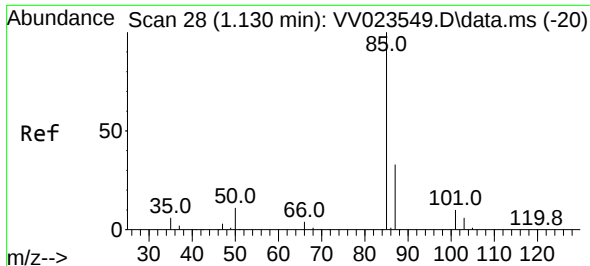
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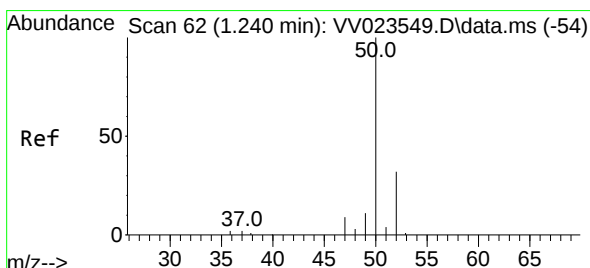
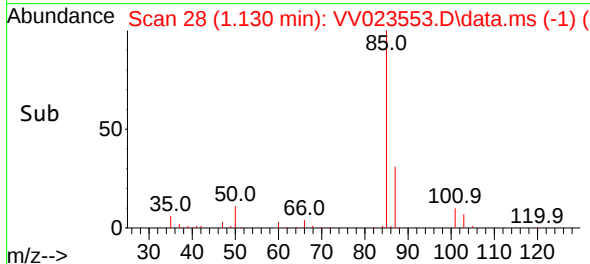
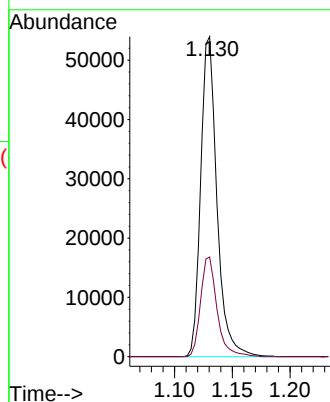
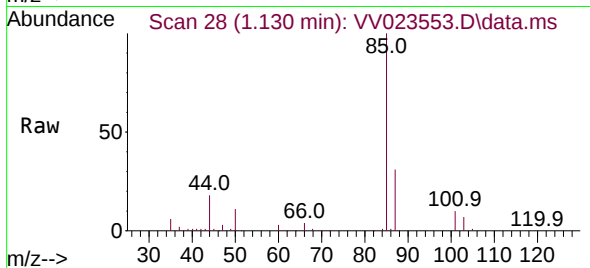




#2
 Dichlorodifluoromethane
 Concen: 4.188 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV023553.D
 Acq: 16 Nov 2021 23:10

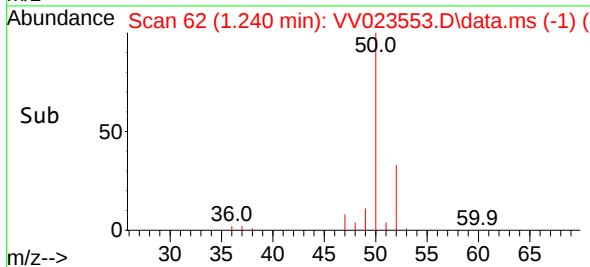
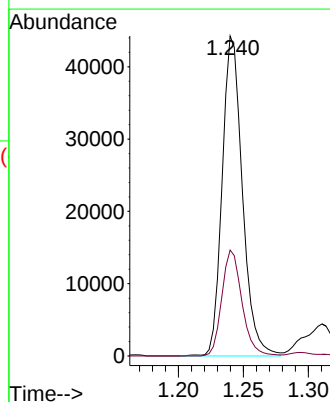
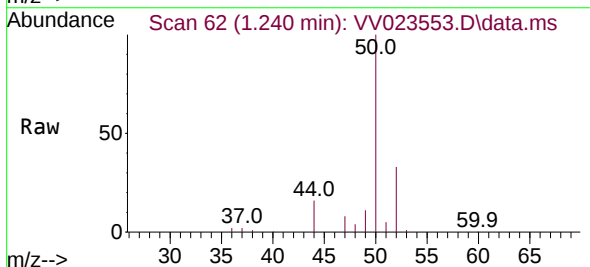
Instrument :
 MSVOA_V
 ClientSampleId :
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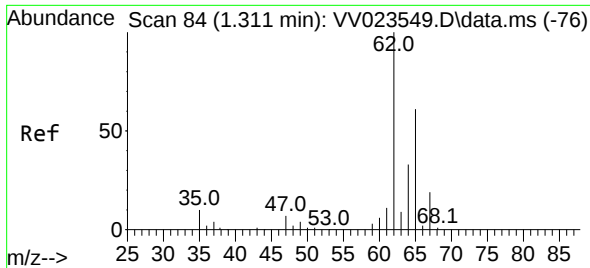
Tgt Ion: 85 Resp: 52728
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.6 39.8



#3
 Chloromethane
 Concen: 4.472 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023553.D
 Acq: 16 Nov 2021 23:10

Tgt Ion: 50 Resp: 47868
 Ion Ratio Lower Upper
 50 100
 52 33.1 24.3 45.1

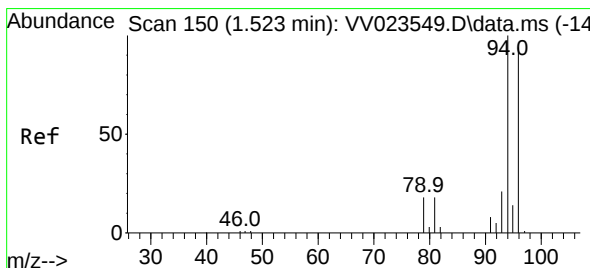
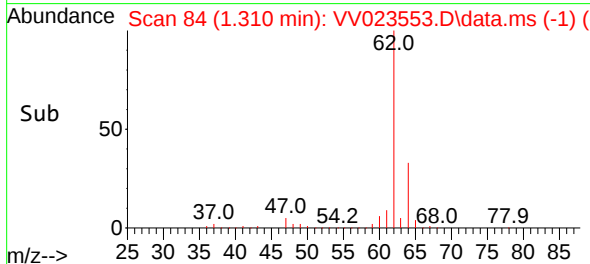
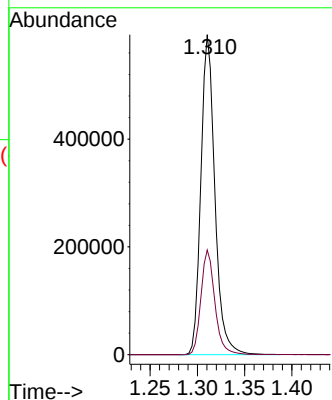
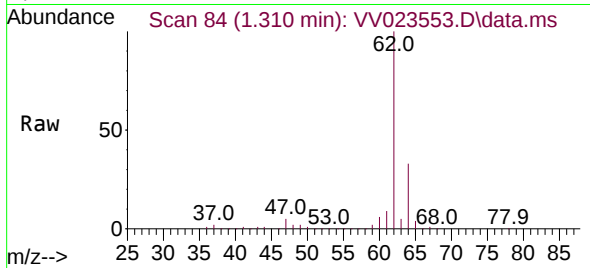




#5
 Vinyl chloride
 Concen: 57.194 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023553.D
 Acq: 16 Nov 2021 23:10

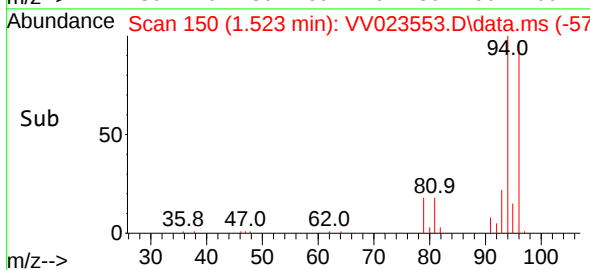
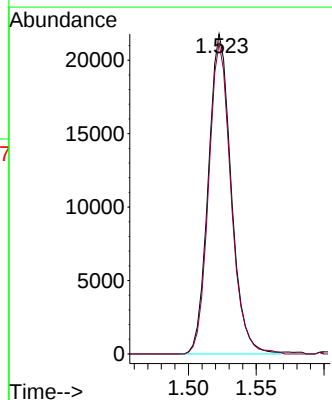
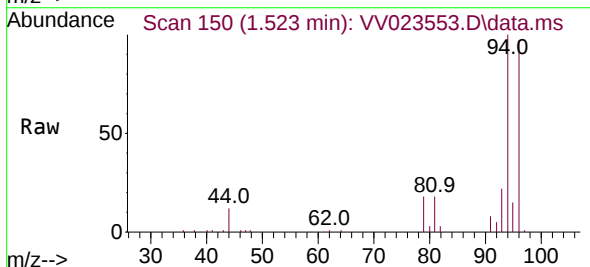
Instrument :
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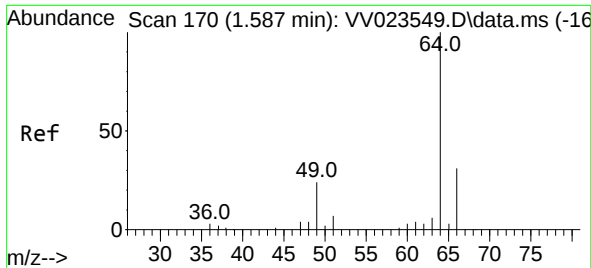
Tgt Ion: 62 Resp: 611453
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.1 42.9



#6
 Bromomethane
 Concen: 3.741 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023553.D
 Acq: 16 Nov 2021 23:10

Tgt Ion: 94 Resp: 25568
 Ion Ratio Lower Upper
 94 100
 96 97.2 65.0 120.8

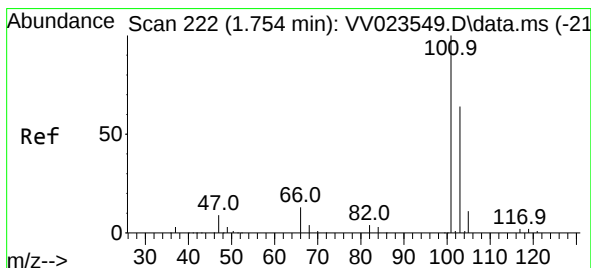
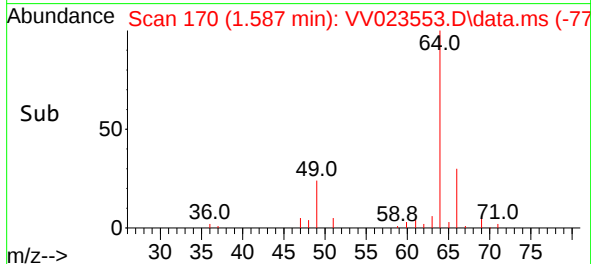
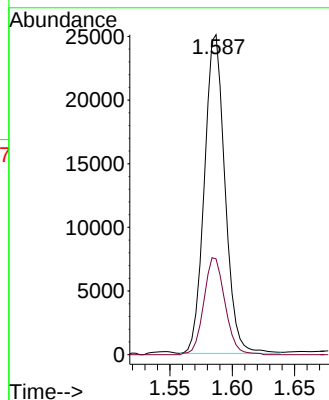
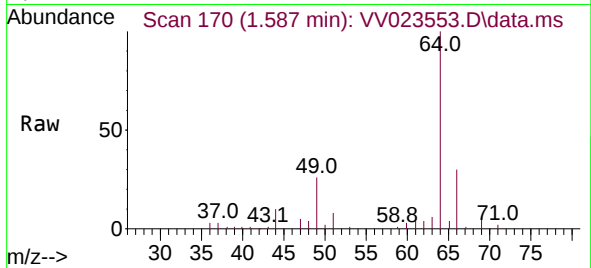




#8
Chloroethane
Concen: 4.668 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

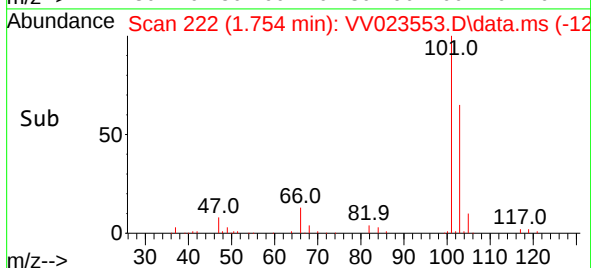
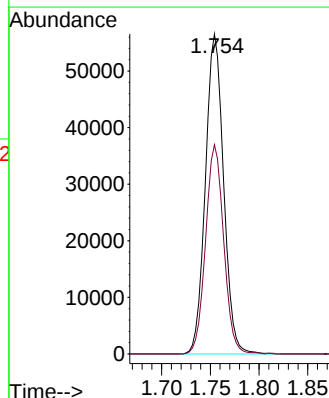
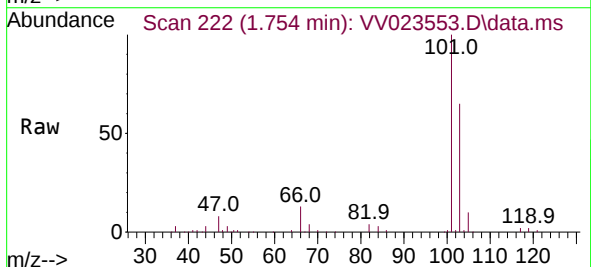
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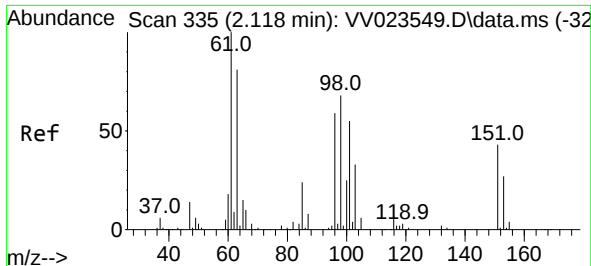
Tgt Ion: 64 Resp: 28802
Ion Ratio Lower Upper
64 100
66 29.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.570 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

Tgt Ion:101 Resp: 73403
Ion Ratio Lower Upper
101 100
103 65.0 52.6 79.0

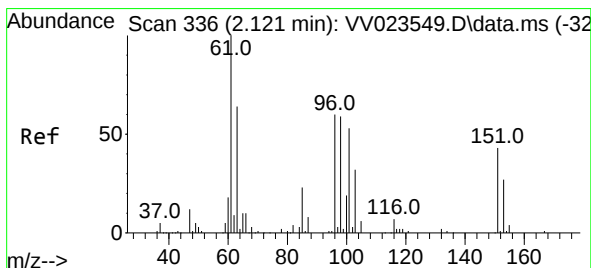
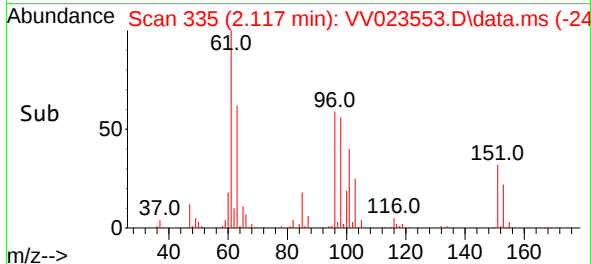
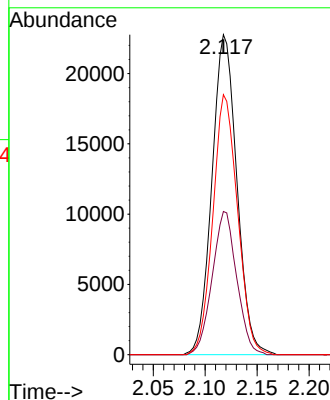
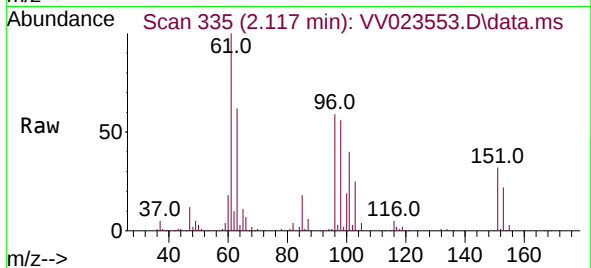




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.700 ug/L
 RT: 2.117 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV023553.D
 Acq: 16 Nov 2021 23:10

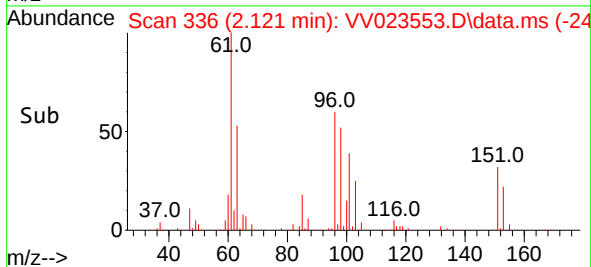
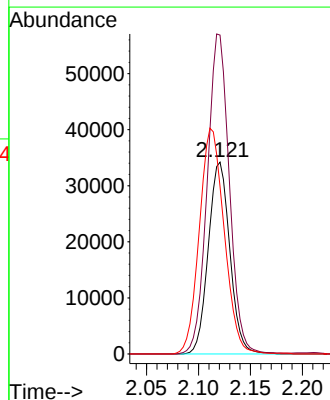
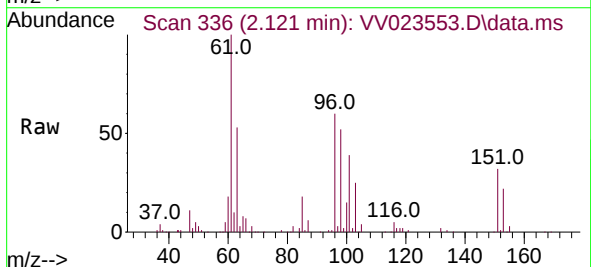
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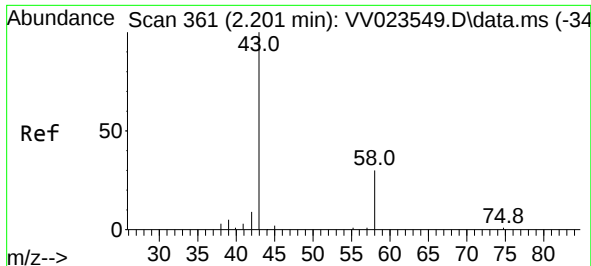
Tgt Ion:101 Resp: 38011
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.3 52.9
 151 80.4 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 6.391 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV023553.D
 Acq: 16 Nov 2021 23:10

Tgt Ion: 96 Resp: 49208
 Ion Ratio Lower Upper
 96 100
 61 166.2 121.5 225.7
 63 87.3 99.6 185.0#





#13

Acetone

Concen: 32.084 ug/L

RT: 2.207 min Scan# 361

Delta R.T. 0.006 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

Instrument :

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ClientSampleId :

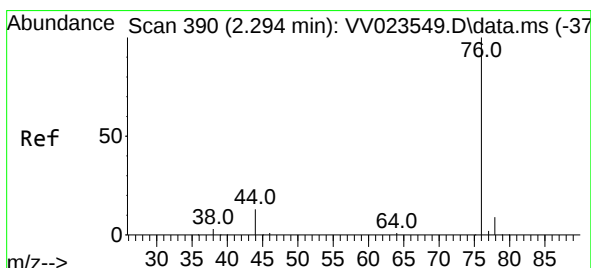
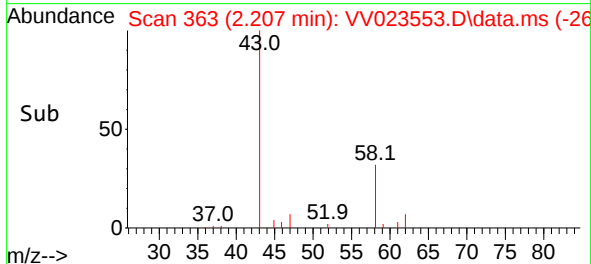
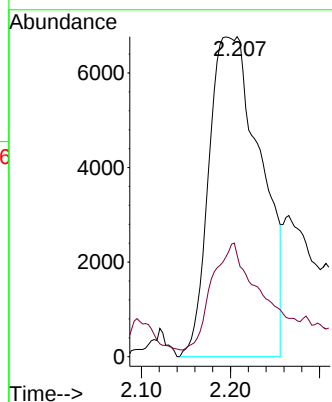
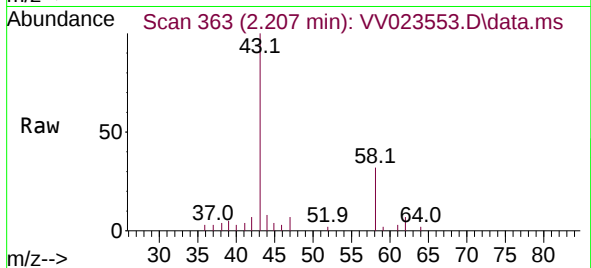
H4637MS

Tgt Ion: 43 Resp: 27319

Ion Ratio Lower Upper

43 100

58 32.8 0.0 55.4



#14

Carbon disulfide

Concen: 4.032 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

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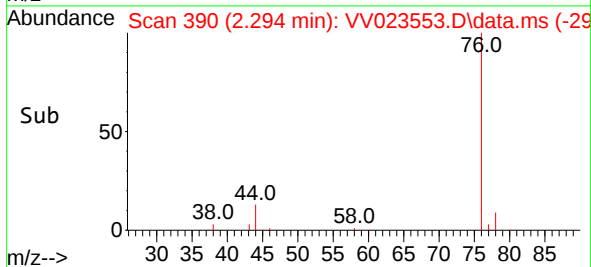
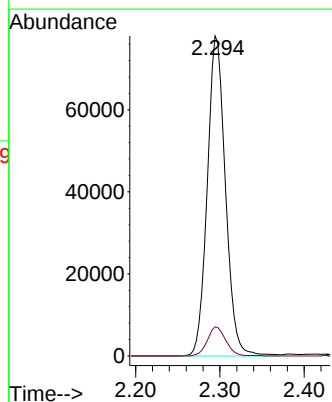
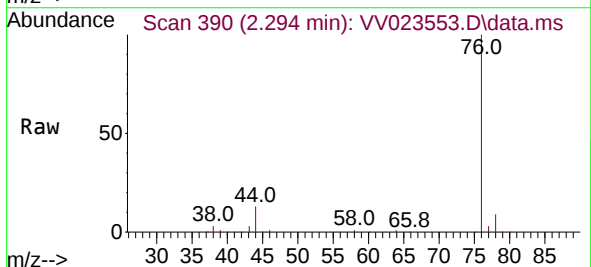
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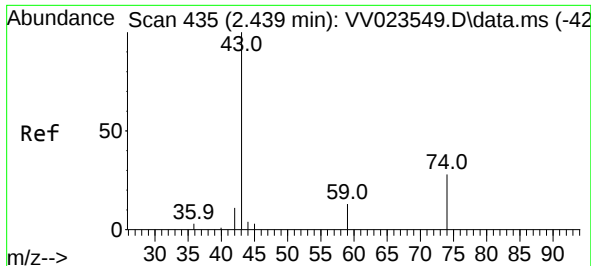
Tgt Ion: 76 Resp: 117169

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

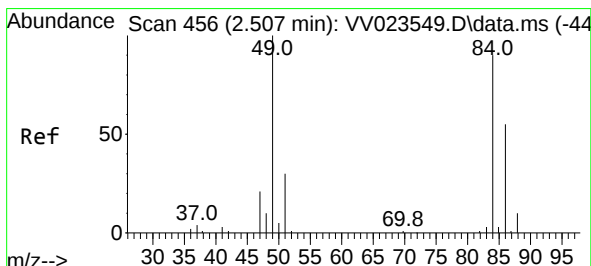
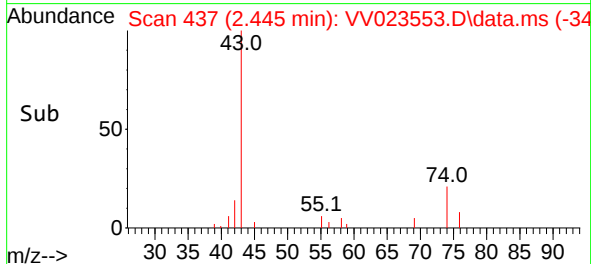
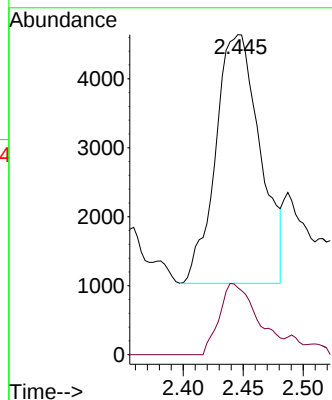
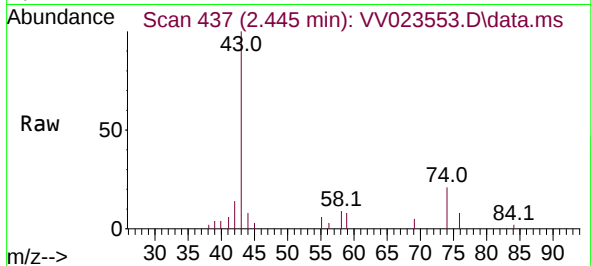




#15
Methyl Acetate
Concen: 3.862 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

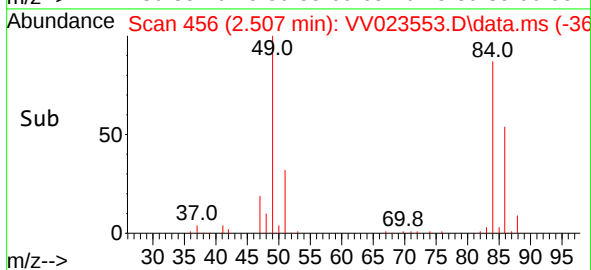
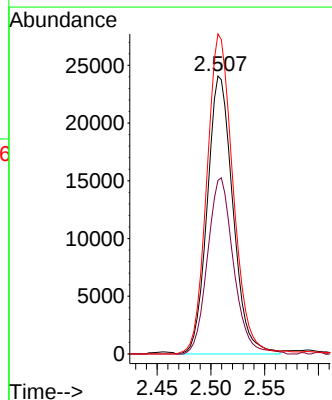
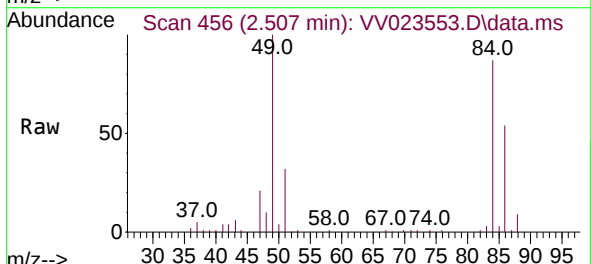
Instrument :
MSVOA_V
ClientSampleId :
H4637MS

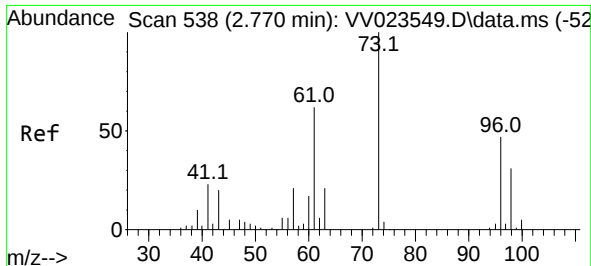
Tgt Ion: 43 Resp: 9307
Ion Ratio Lower Upper
43 100
74 24.8 22.2 33.2



#16
Methylene chloride
Concen: 3.555 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

Tgt Ion: 84 Resp: 39950
Ion Ratio Lower Upper
84 100
86 62.5 42.3 78.5
49 115.2 79.7 148.1





#17

Methyl tert-butyl Ether

Concen: 4.722 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

Instrument :

MSVOA_V

ClientSampleId :

H4637MS

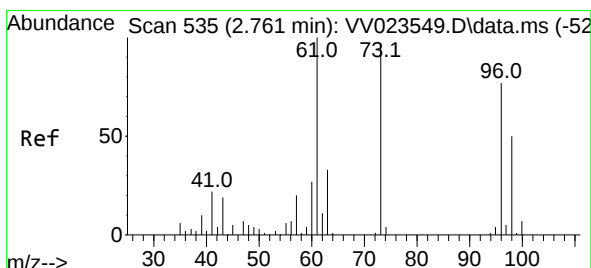
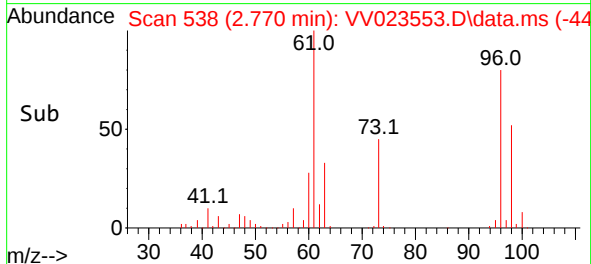
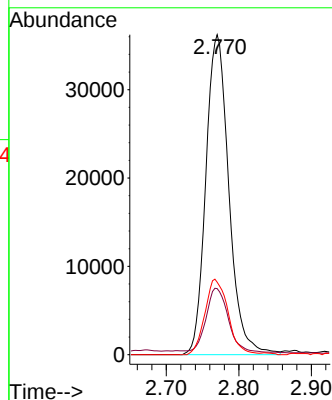
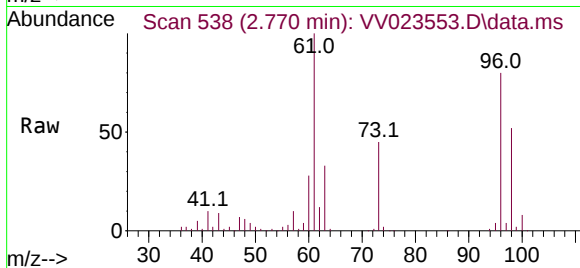
Tgt Ion: 73 Resp: 80027

Ion Ratio Lower Upper

73 100

43 19.9 17.4 26.0

57 23.7 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 16.429 ug/L

RT: 2.761 min Scan# 535

Delta R.T. -0.000 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

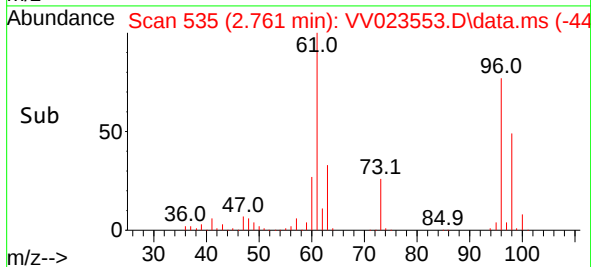
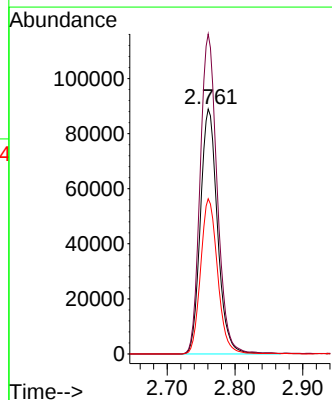
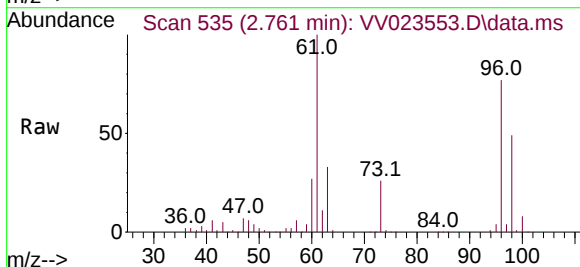
Tgt Ion: 96 Resp: 155509

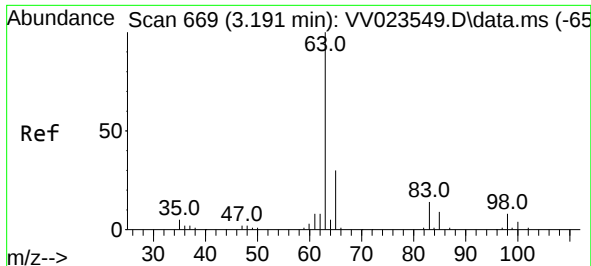
Ion Ratio Lower Upper

96 100

61 130.7 93.2 173.2

98 63.4 47.0 87.2





#19

1,1-Dichloroethane

Concen: 5.077 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

Instrument :

MSVOA_V

ClientSampleId :

H4637MS

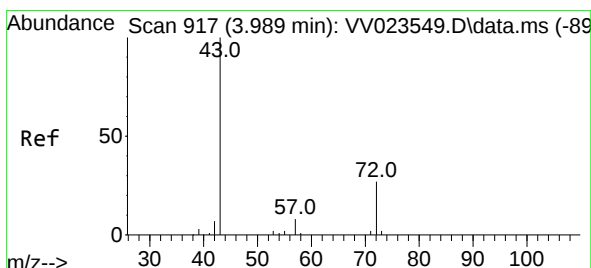
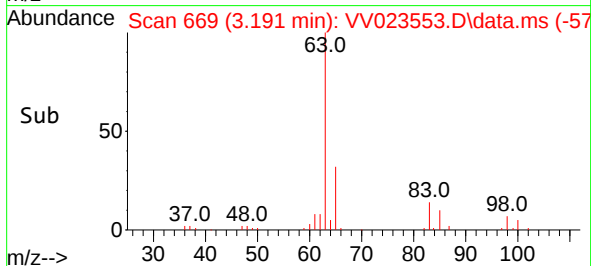
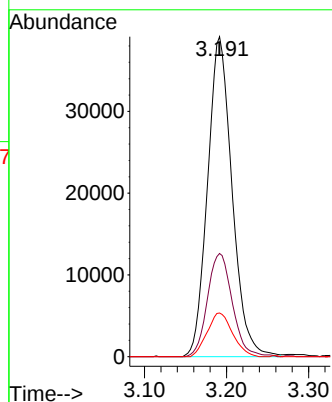
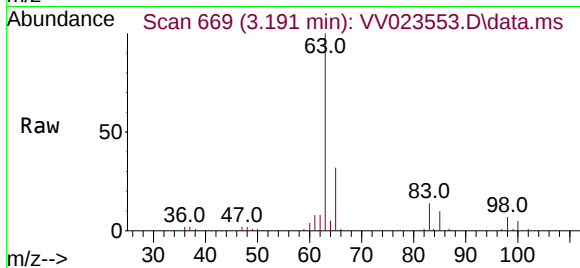
Tgt Ion: 63 Resp: 81135

Ion Ratio Lower Upper

63 100

65 32.2 22.6 42.0

83 13.6 11.1 20.7



#21

2-Butanone

Concen: 29.030 ug/L

RT: 3.995 min Scan# 919

Delta R.T. 0.006 min

Lab File: VV023553.D

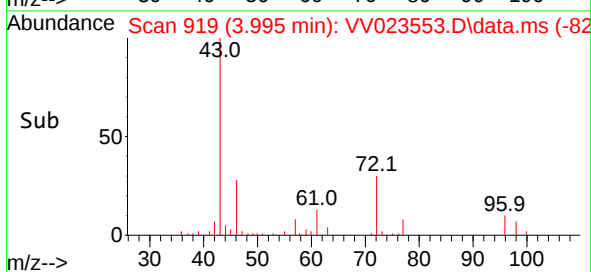
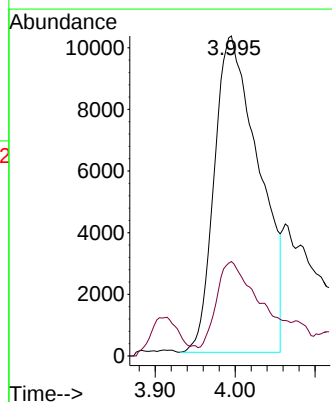
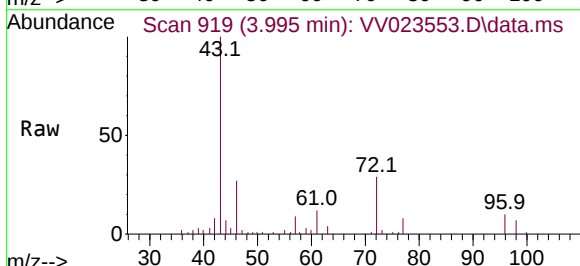
Acq: 16 Nov 2021 23:10

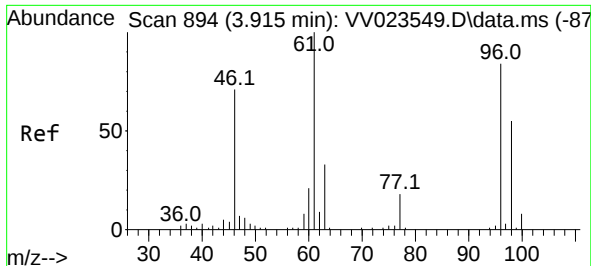
Tgt Ion: 43 Resp: 39965

Ion Ratio Lower Upper

43 100

72 26.4 11.9 35.9

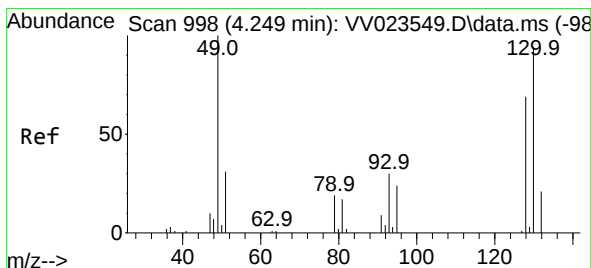
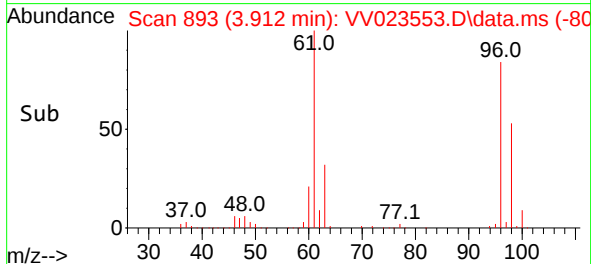
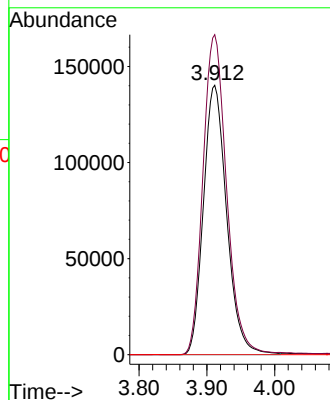
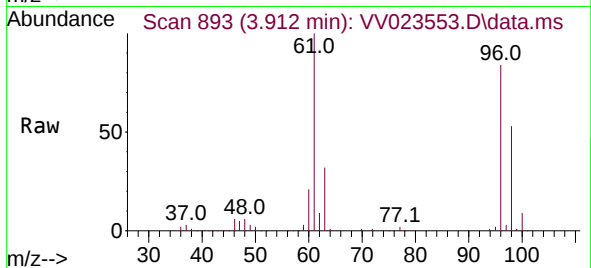




#22
 cis-1,2-Dichloroethene
 Concen: 36.701 ug/L
 RT: 3.912 min Scan# 894
 Delta R.T. -0.003 min
 Lab File: VV023553.D
 Acq: 16 Nov 2021 23:10

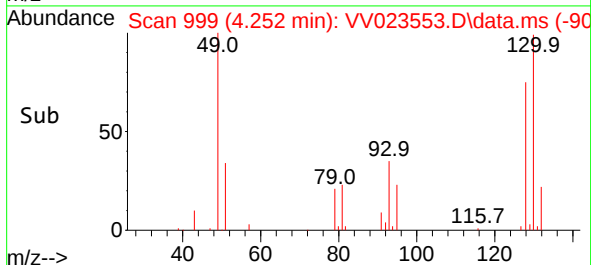
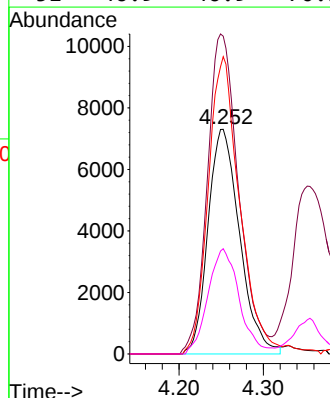
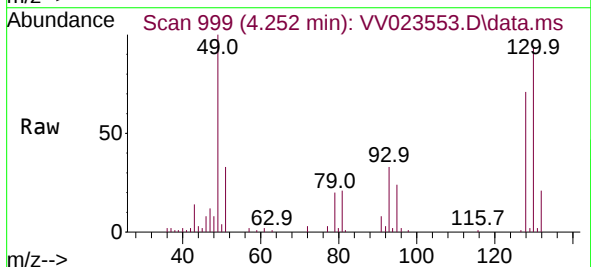
Instrument :
 MSVOA_V
 ClientSampleId :
 H4637MS

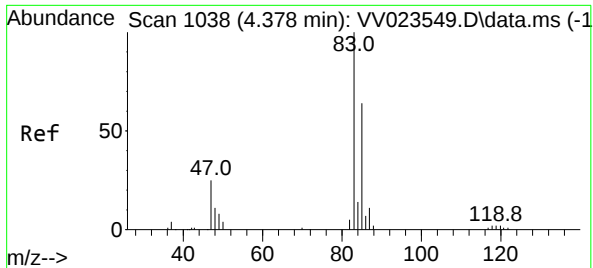
Tgt Ion: 96 Resp: 334315
 Ion Ratio Lower Upper
 96 100
 61 118.8 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 4.532 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.003 min
 Lab File: VV023553.D
 Acq: 16 Nov 2021 23:10

Tgt Ion:128 Resp: 19038
 Ion Ratio Lower Upper
 128 100
 49 141.4 126.1 234.3
 130 132.3 95.2 176.8
 51 46.9 46.9 70.3#

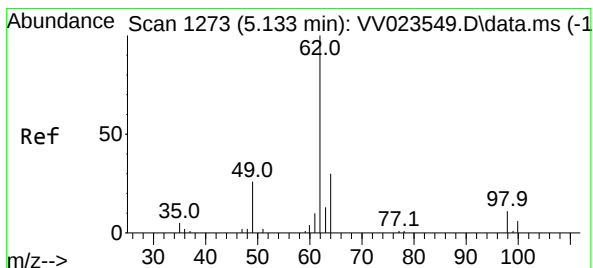
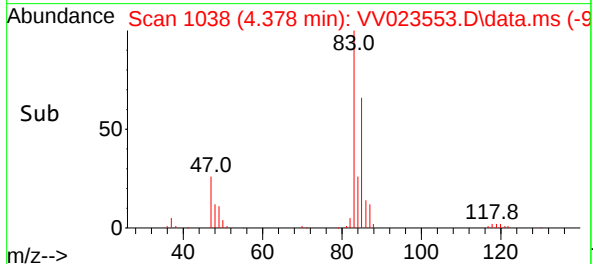
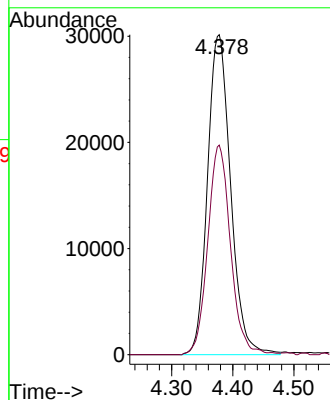
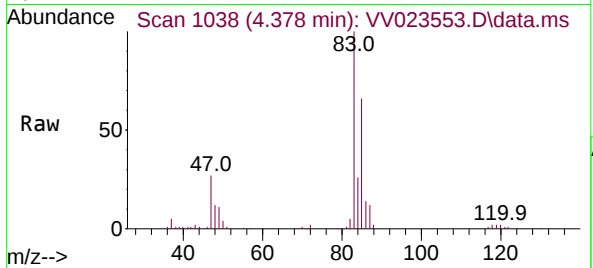




#25
Chloroform
Concen: 4.652 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

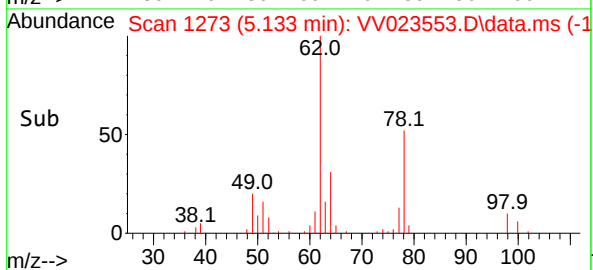
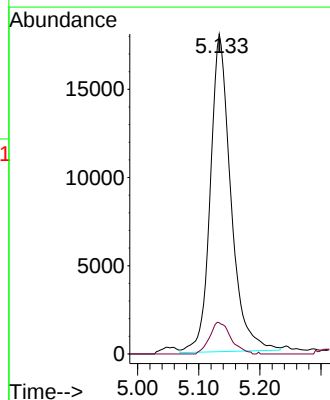
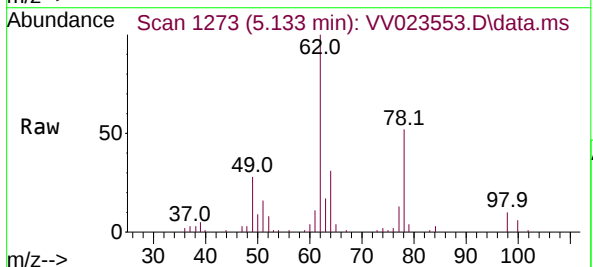
Instrument :
MSVOA_V
ClientSampleId :
H4637MS

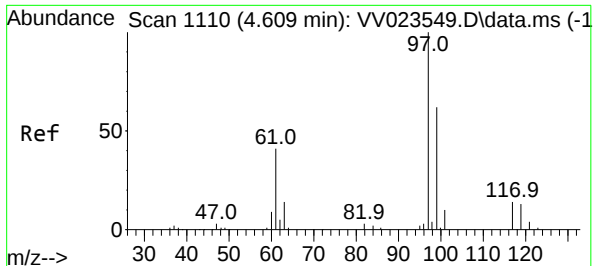
Tgt Ion: 83 Resp: 79254
Ion Ratio Lower Upper
83 100
85 65.5 46.8 86.8



#27
1,2-Dichloroethane
Concen: 4.636 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

Tgt Ion: 62 Resp: 42008
Ion Ratio Lower Upper
62 100
98 9.7 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.477 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

Instrument :

MSVOA_V

ClientSampleId :

H4637MS

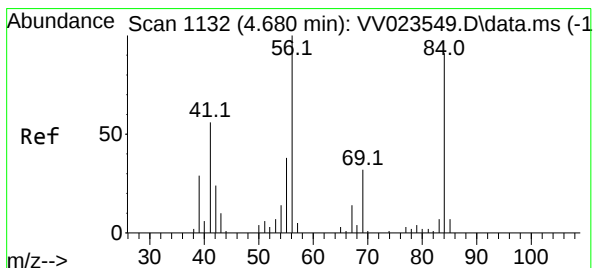
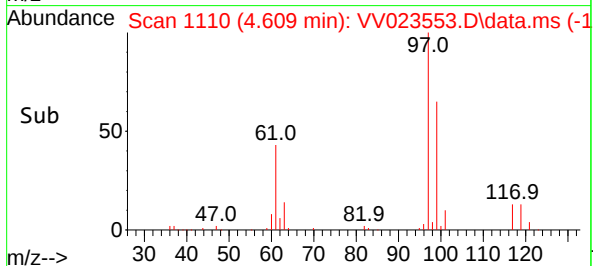
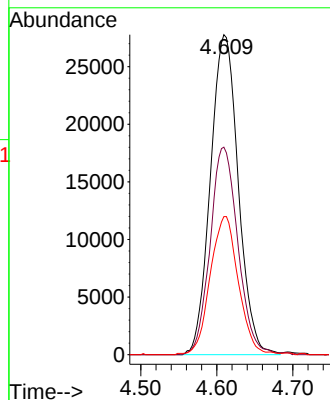
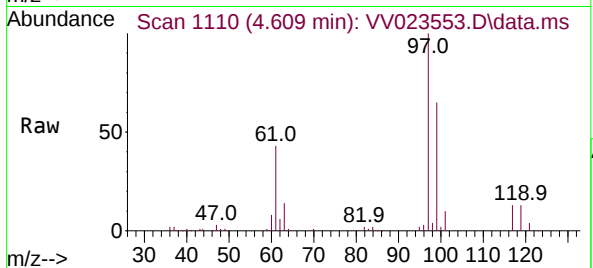
Tgt Ion: 97 Resp: 70680

Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

61 43.7 34.1 51.1



#30

Cyclohexane

Concen: 4.338 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

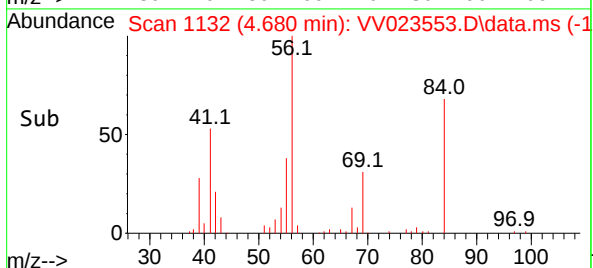
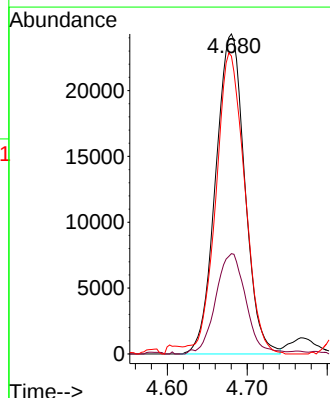
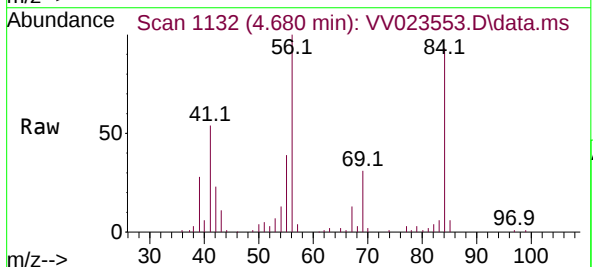
Tgt Ion: 56 Resp: 61367

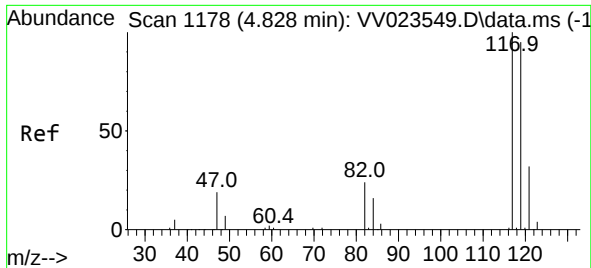
Ion Ratio Lower Upper

56 100

69 32.5 23.5 35.3

84 93.3 71.6 107.4

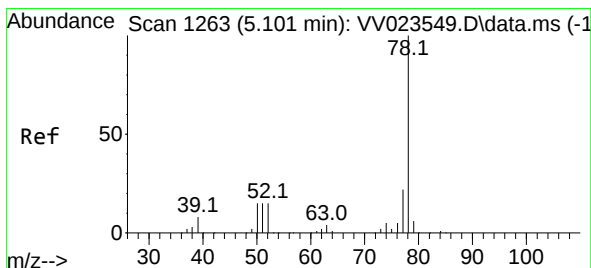
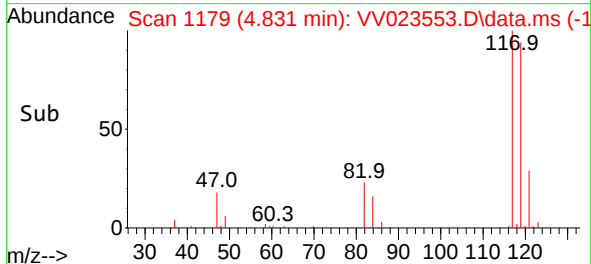
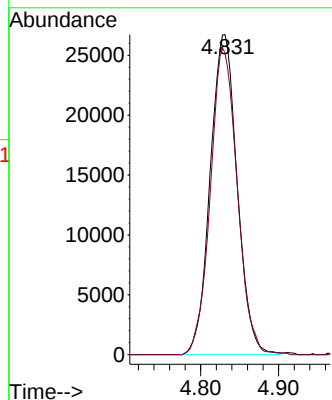
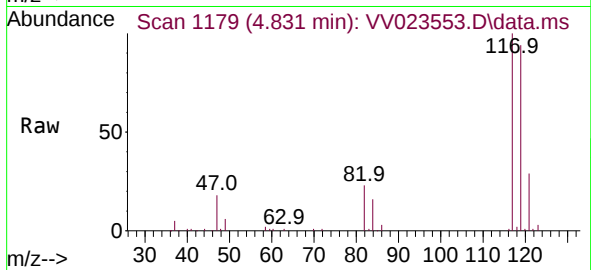




#31
Carbon tetrachloride
Concen: 4.530 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

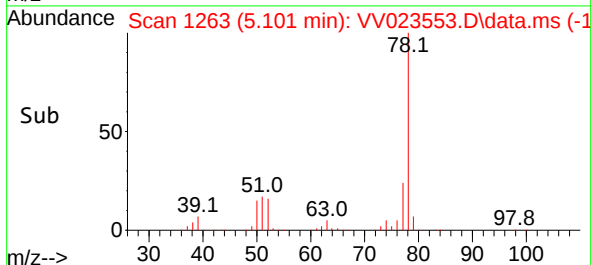
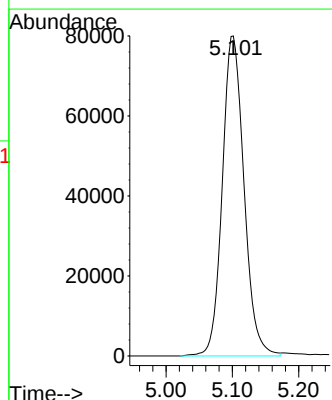
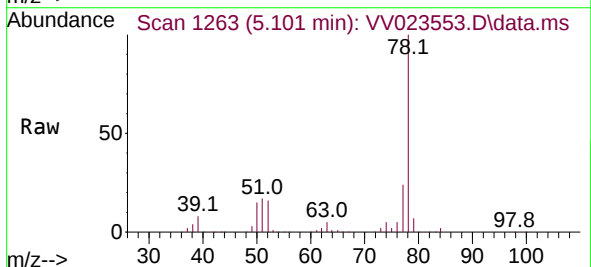
Instrument :
MSVOA_V
ClientSampleId :
H4637MS

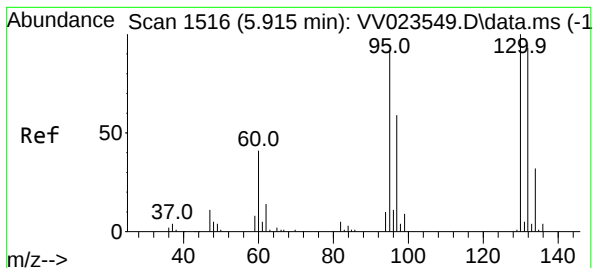
Tgt Ion:117 Resp: 64237
Ion Ratio Lower Upper
117 100
119 95.4 78.8 118.2



#33
Benzene
Concen: 5.002 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

Tgt Ion: 78 Resp: 181763





#34

Trichloroethene

Concen: 8.704 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

Instrument :

MSVOA_V

ClientSampleId :

H4637MS

Tgt Ion: 95 Resp: 84103

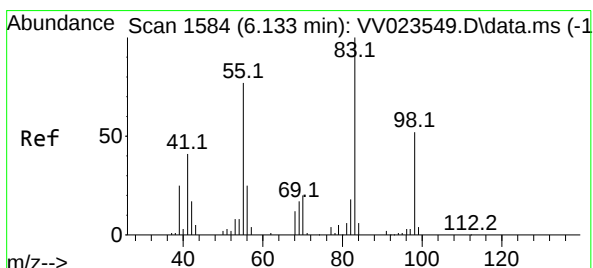
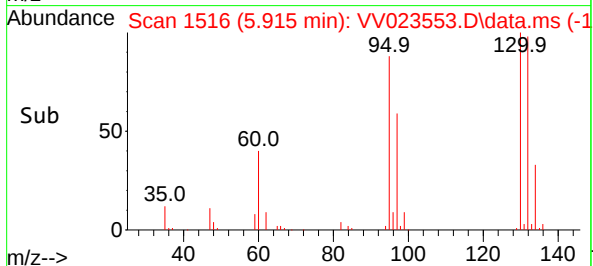
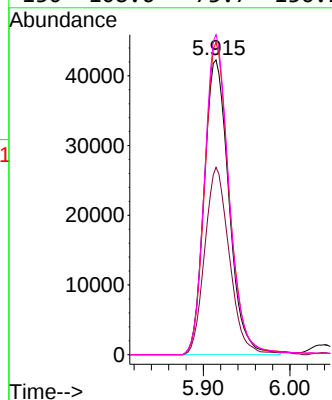
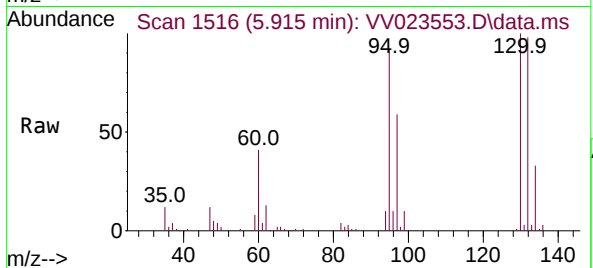
Ion Ratio Lower Upper

95 100

97 63.6 45.0 83.6

132 106.0 69.7 129.4

130 108.6 73.7 136.9



#35

Methylcyclohexane

Concen: 4.211 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.003 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

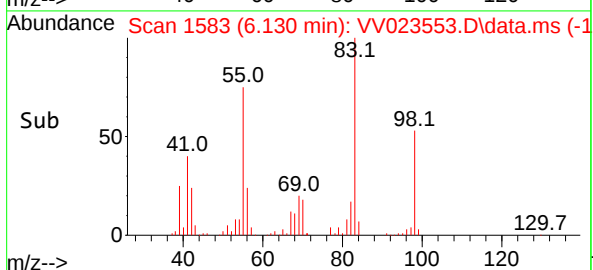
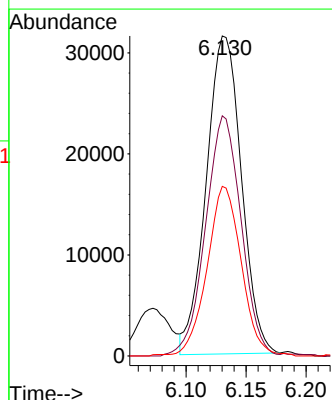
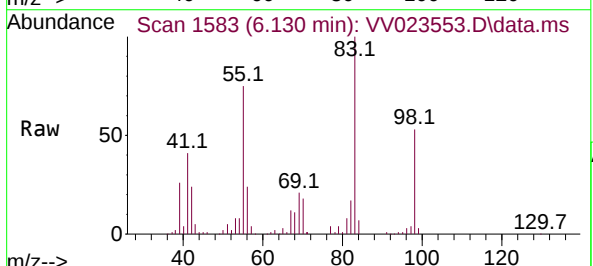
Tgt Ion: 83 Resp: 64218

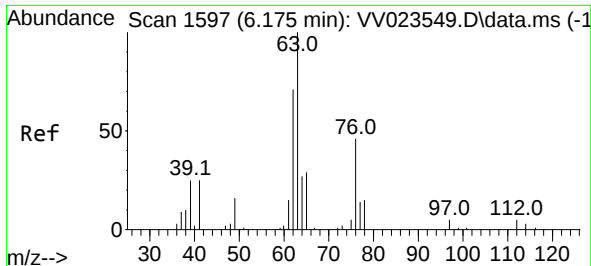
Ion Ratio Lower Upper

83 100

55 76.3 62.8 94.2

98 52.2 37.9 56.9





#37

1,2-Dichloropropane

Concen: 4.493 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

Instrument :

MSVOA_V

ClientSampleId :

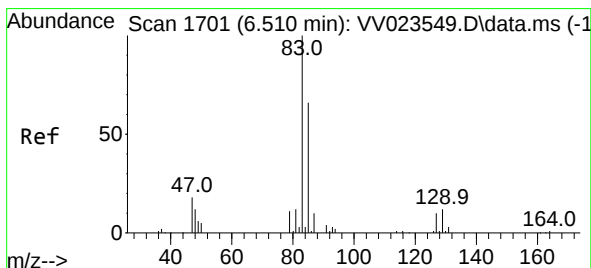
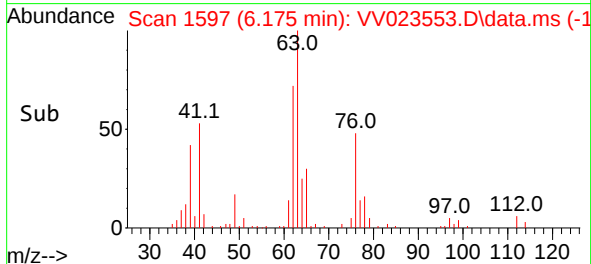
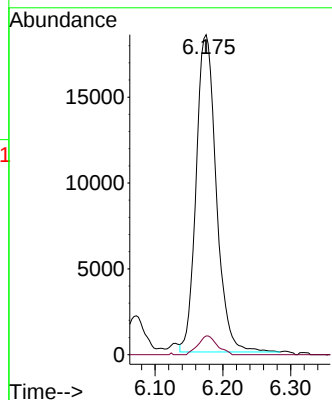
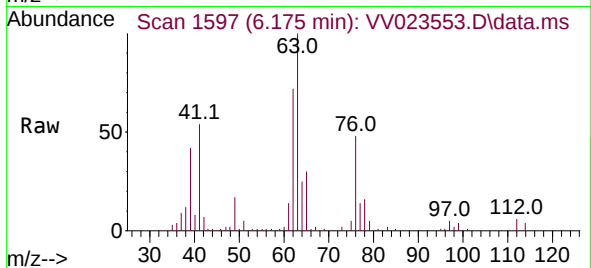
H4637MS

Tgt Ion: 63 Resp: 38109

Ion Ratio Lower Upper

63 100

112 5.6 4.6 6.8



#38

Bromodichloromethane

Concen: 4.583 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

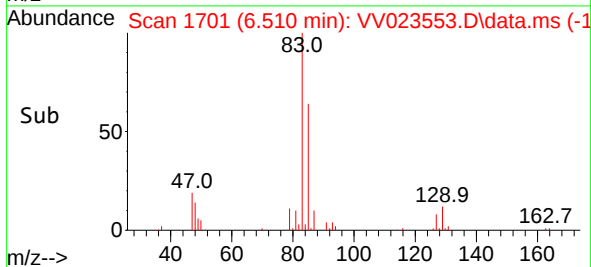
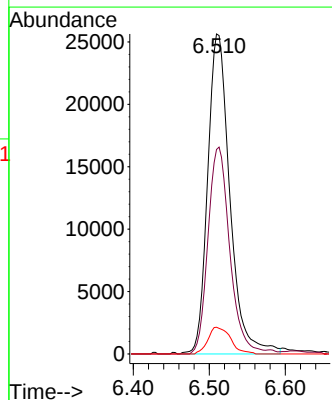
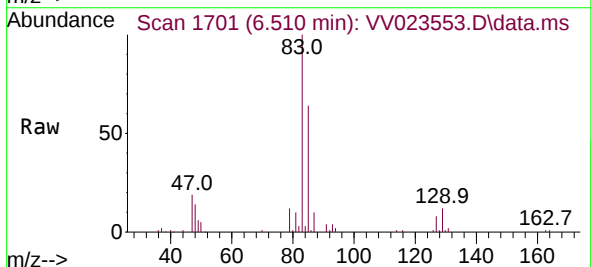
Tgt Ion: 83 Resp: 52094

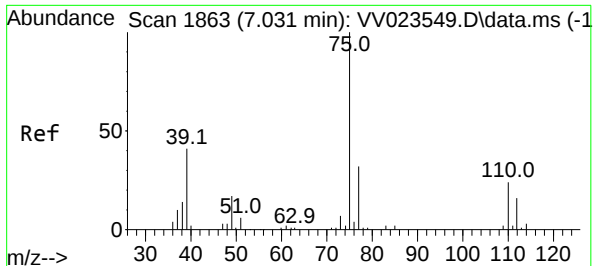
Ion Ratio Lower Upper

83 100

85 63.9 46.1 85.7

127 8.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.368 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.003 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

Instrument :

MSVOA_V

ClientSampleId :

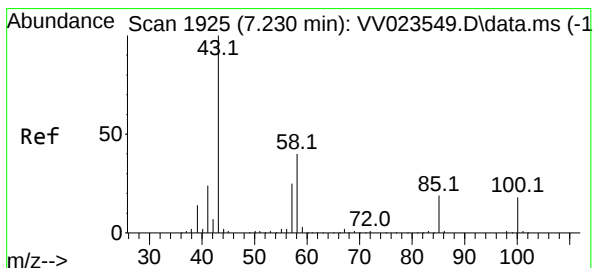
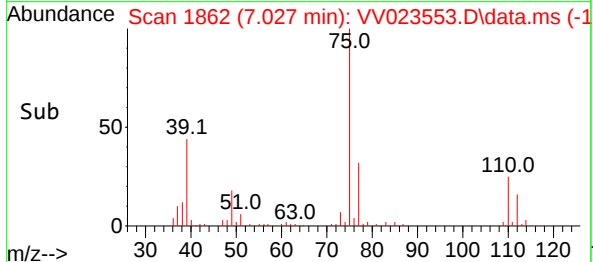
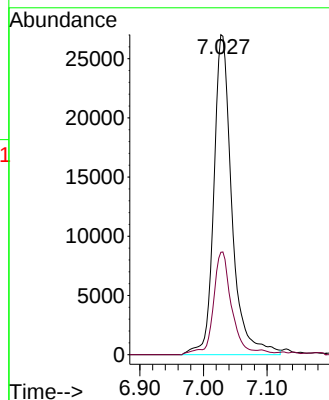
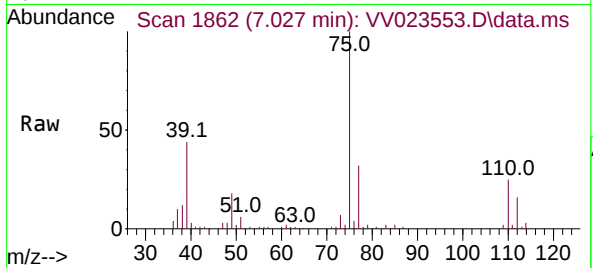
H4637MS

Tgt Ion: 75 Resp: 53287

Ion Ratio Lower Upper

75 100

77 32.0 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 51.549 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.000 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

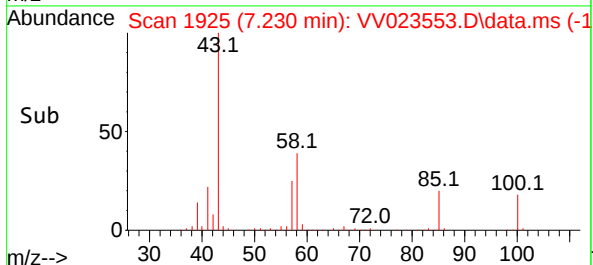
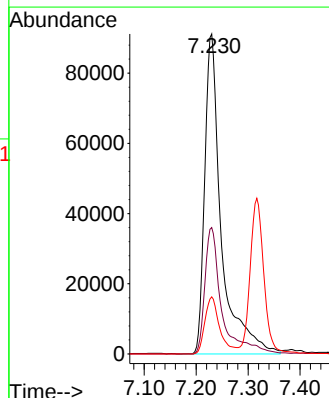
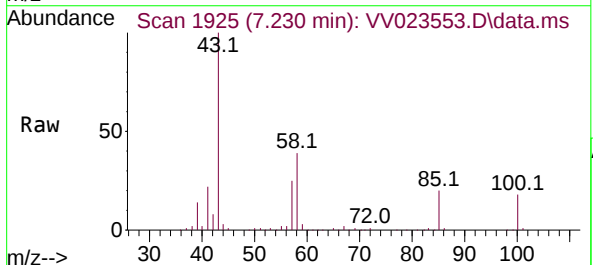
Tgt Ion: 43 Resp: 202800

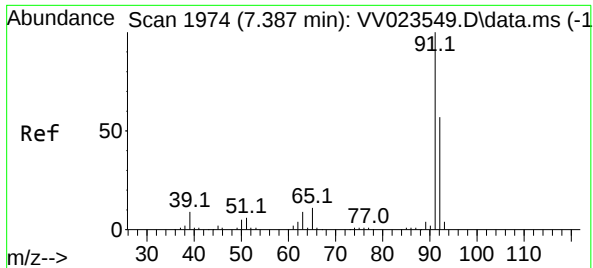
Ion Ratio Lower Upper

43 100

58 40.0 31.1 46.7

100 16.1 12.6 19.0

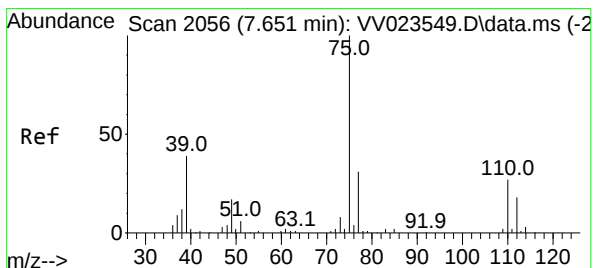
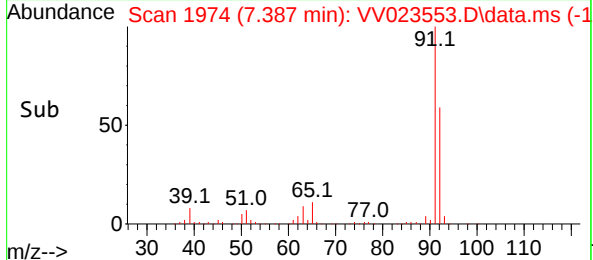
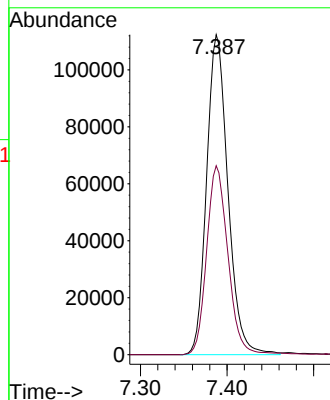
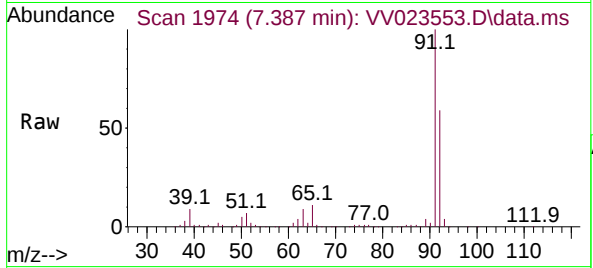




#42
Toluene
Concen: 4.944 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

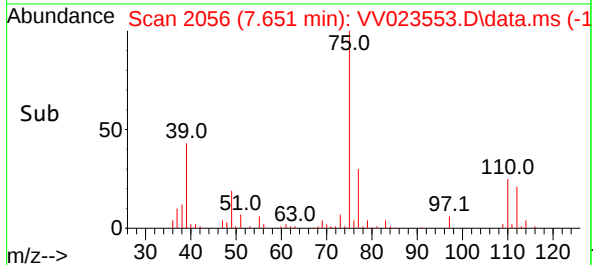
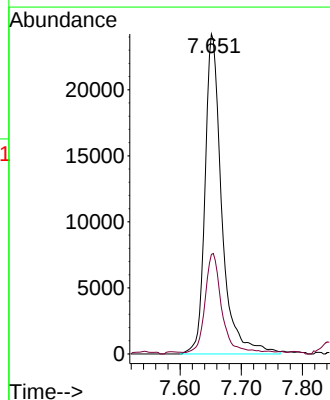
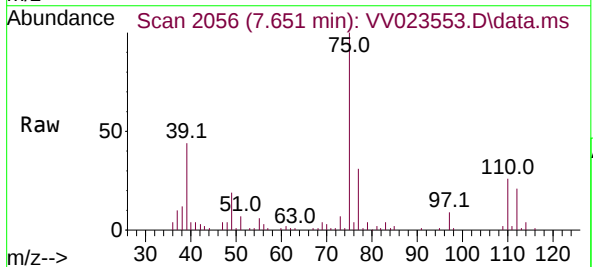
Instrument :
MSVOA_V
ClientSampleId :
H4637MS

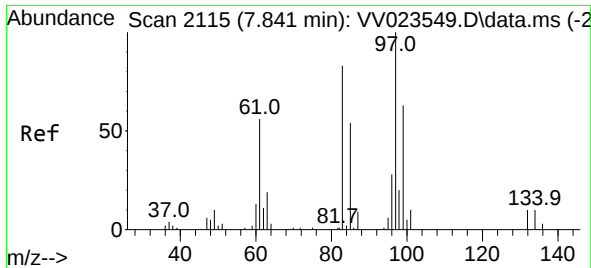
Tgt Ion: 91 Resp: 192149
Ion Ratio Lower Upper
91 100
92 59.1 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 4.559 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

Tgt Ion: 75 Resp: 46154
Ion Ratio Lower Upper
75 100
77 31.1 22.5 41.7

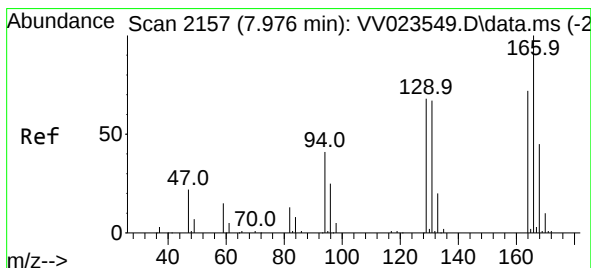
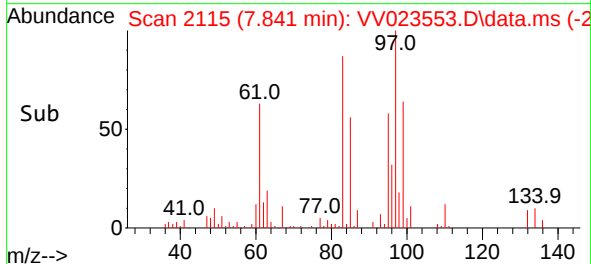
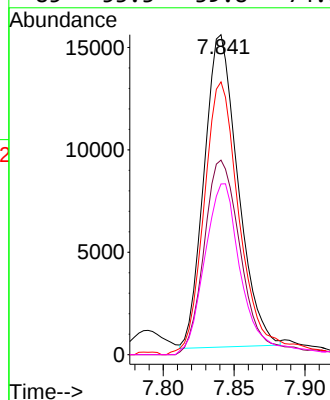
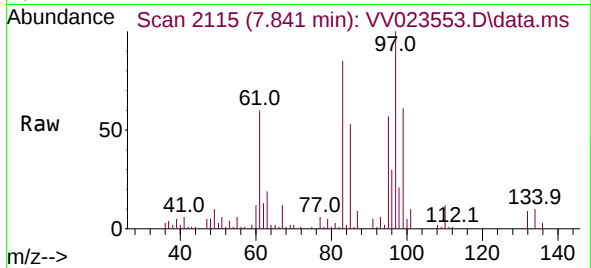




#45
1,1,2-Trichloroethane
Concen: 4.158 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

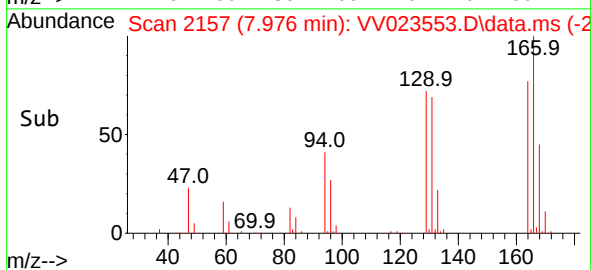
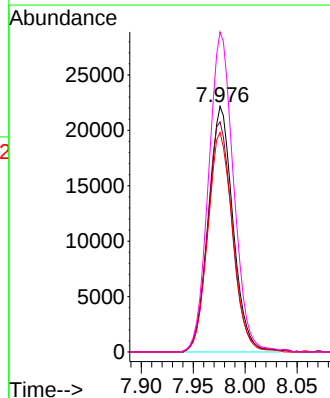
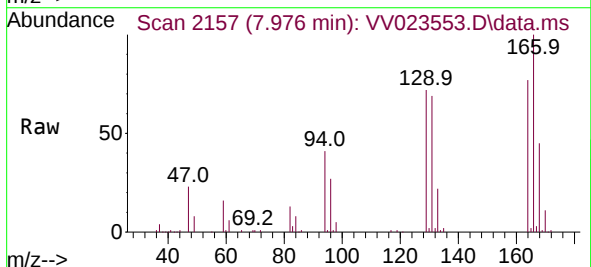
Instrument :
MSVOA_V
ClientSampleId :
H4637MS

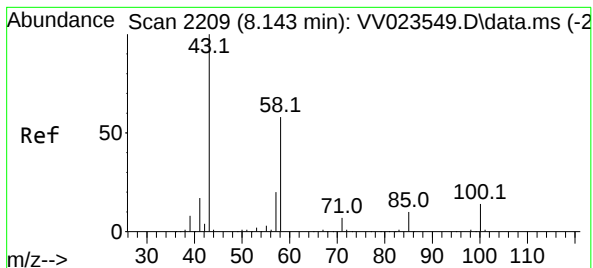
Tgt Ion: 97	Resp: 25344
Ion Ratio	Lower Upper
97 100	
99 60.8	43.6 81.0
83 85.3	58.4 108.4
85 53.3	39.8 74.0



#47
Tetrachloroethene
Concen: 4.336 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

Tgt	Ion:164	Resp:	36310
Ion	Ratio	Lower	Upper
164	100		
129	93.7	64.0	119.0
131	89.4	63.4	117.8
166	130.3	89.3	165.9





#48

2-Hexanone

Concen: 52.338 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

Instrument :

MSVOA_V

ClientSampleId :

H4637MS

Tgt Ion: 43 Resp: 144278

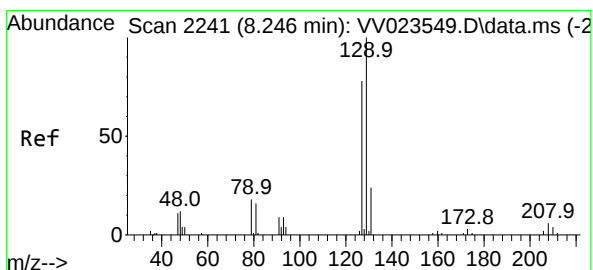
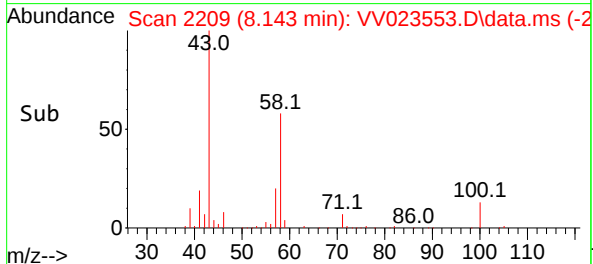
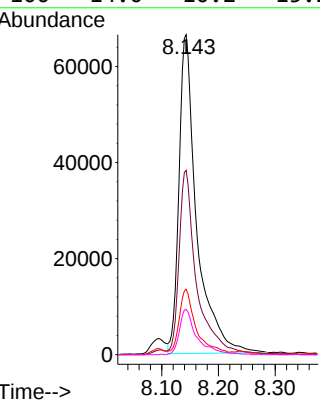
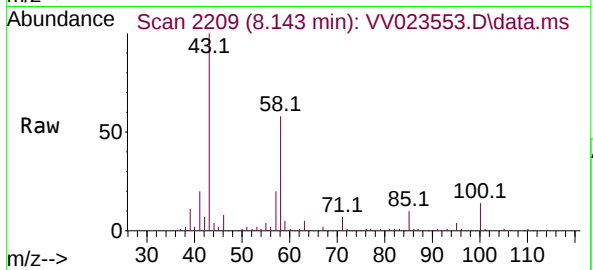
Ion Ratio Lower Upper

43 100

58 56.4 43.7 65.5

57 19.2 14.1 21.1

100 14.0 10.2 15.2



#49

Dibromochloromethane

Concen: 4.619 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VV023553.D

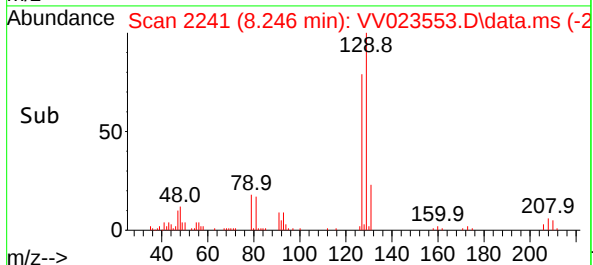
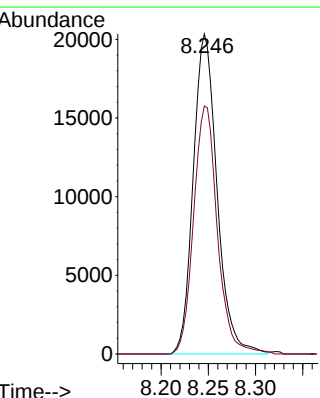
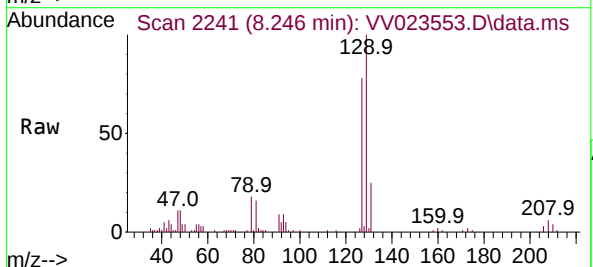
Acq: 16 Nov 2021 23:10

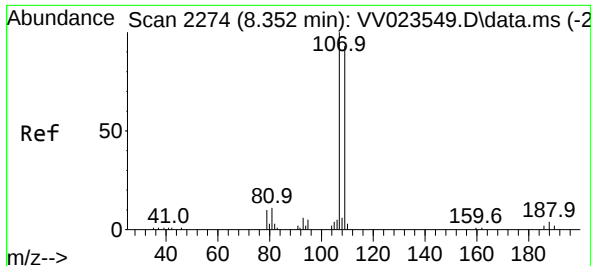
Tgt Ion:129 Resp: 35672

Ion Ratio Lower Upper

129 100

127 77.5 54.7 101.7





#50

1,2-Dibromoethane

Concen: 4.632 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

Instrument :

MSVOA_V

ClientSampleId :

H4637MS

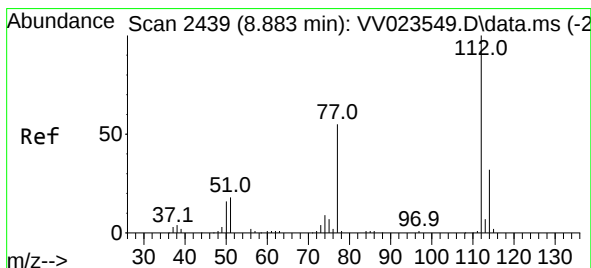
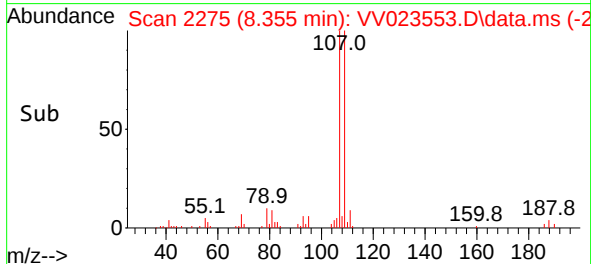
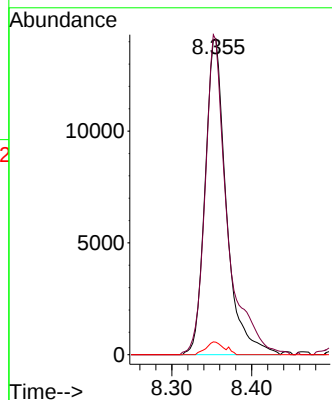
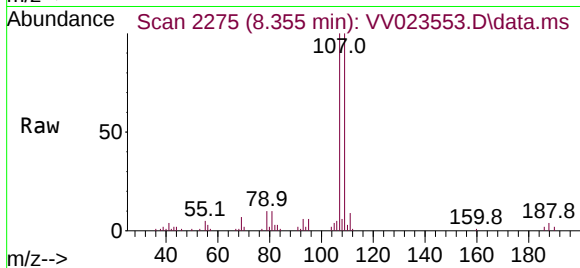
Tgt Ion:107 Resp: 26162

Ion Ratio Lower Upper

107 100

109 99.6 64.7 120.1

188 4.0 3.6 5.4



#51

Chlorobenzene

Concen: 4.637 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

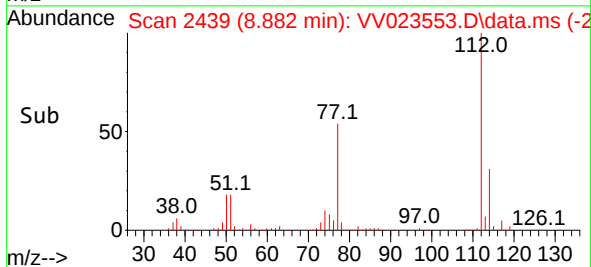
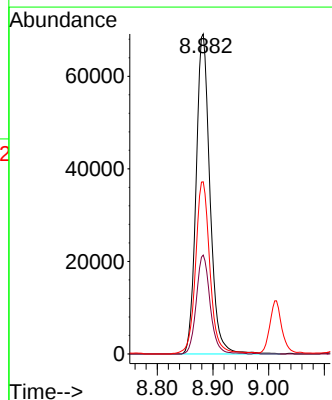
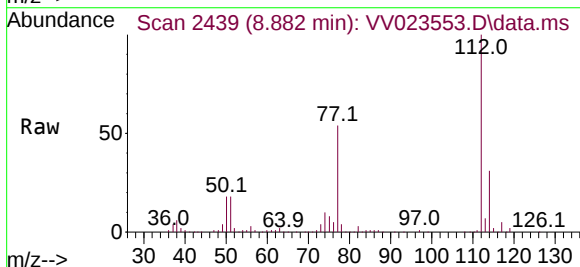
Tgt Ion:112 Resp: 119793

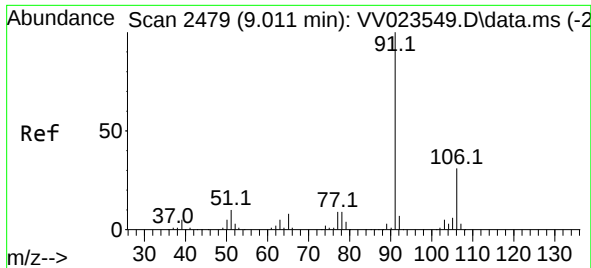
Ion Ratio Lower Upper

112 100

114 30.9 22.0 40.8

77 53.8 44.4 66.6

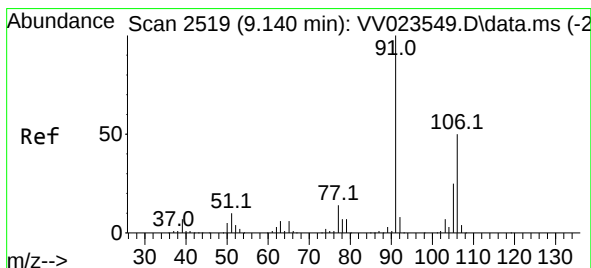
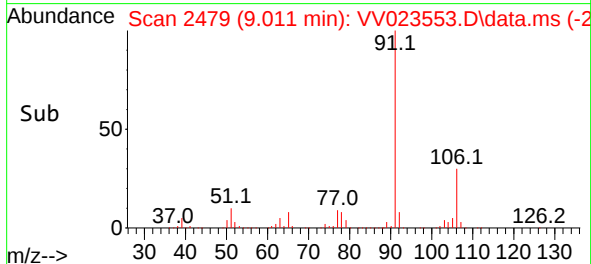
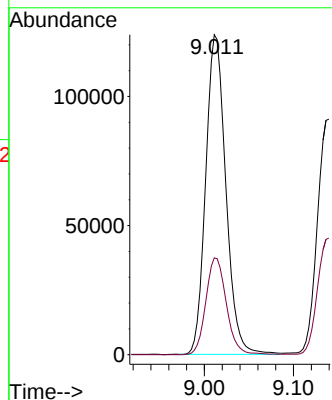
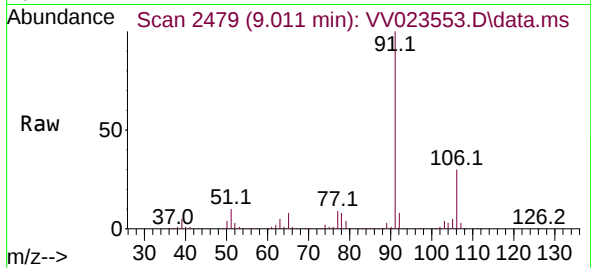




#52
Ethylbenzene
Concen: 4.743 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

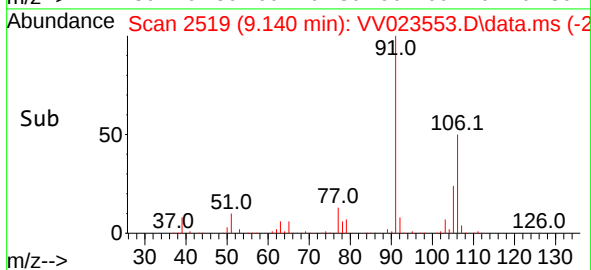
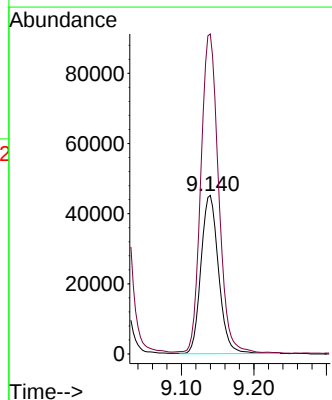
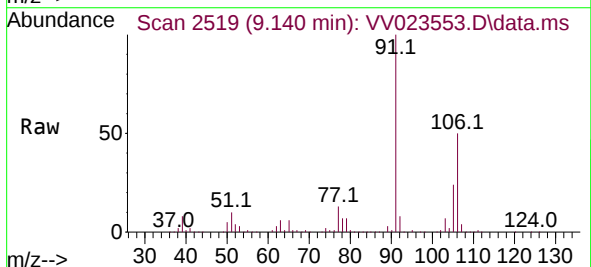
Instrument :
MSVOA_V
ClientSampleId :
H4637MS

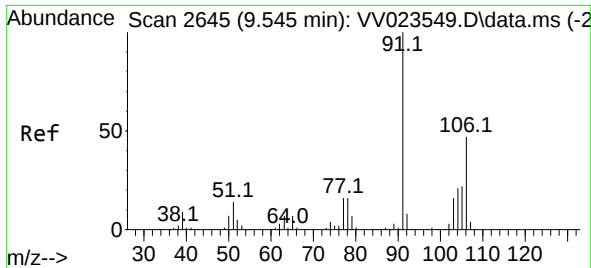
Tgt Ion: 91 Resp: 194416
Ion Ratio Lower Upper
91 100
106 30.3 22.5 41.9



#53
m,p-xylene
Concen: 4.724 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

Tgt Ion: 106 Resp: 75987
Ion Ratio Lower Upper
106 100
91 201.9 137.2 254.8

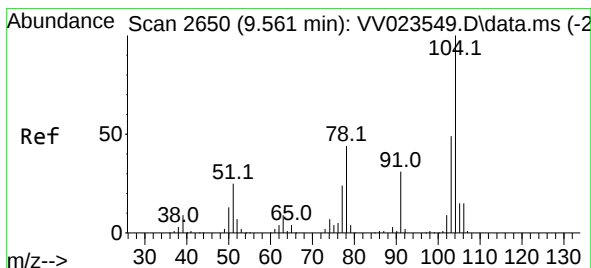
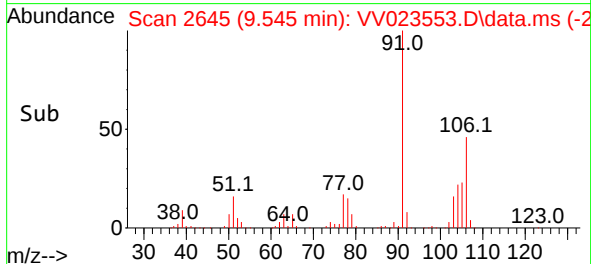
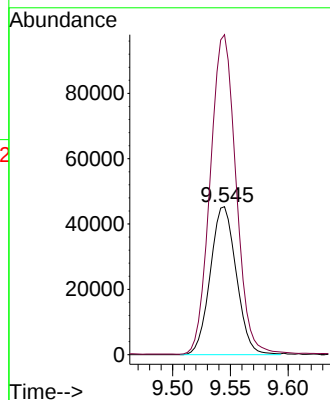
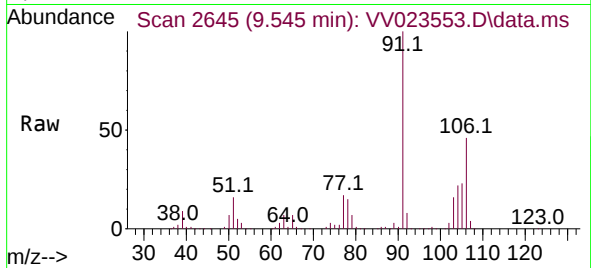




#54
o-xylene
Concen: 4.703 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

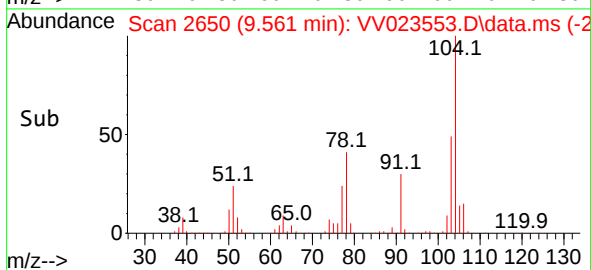
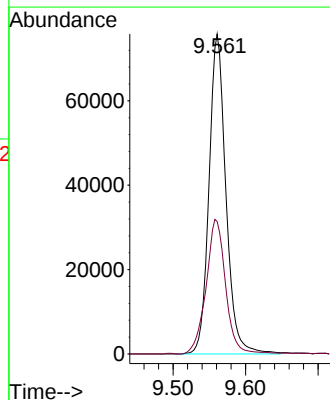
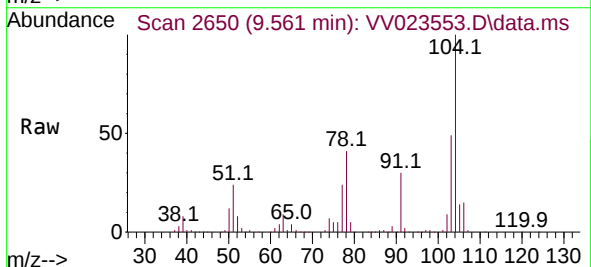
Instrument :
MSVOA_V
ClientSampleId :
H4637MS

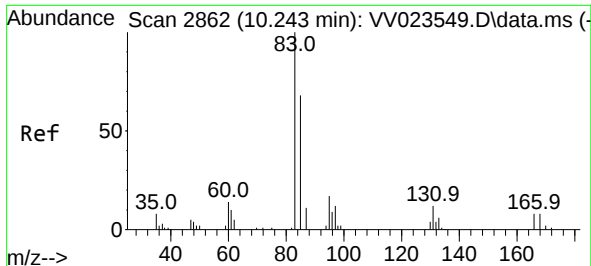
Tgt Ion:106 Resp: 70980
Ion Ratio Lower Upper
106 100
91 216.3 148.3 275.5



#55
Styrene
Concen: 4.757 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

Tgt Ion:104 Resp: 122975
Ion Ratio Lower Upper
104 100
78 41.4 29.3 54.3





#57

1,1,2,2-Tetrachloroethane

Concen: 4.684 ug/L

RT: 10.243 min Scan# 2862

Delta R.T. -0.000 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

Instrument :

MSVOA_V

ClientSampleId :

H4637MS

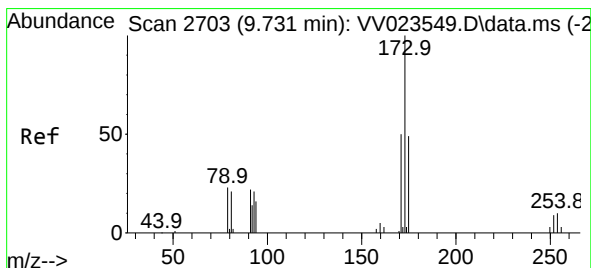
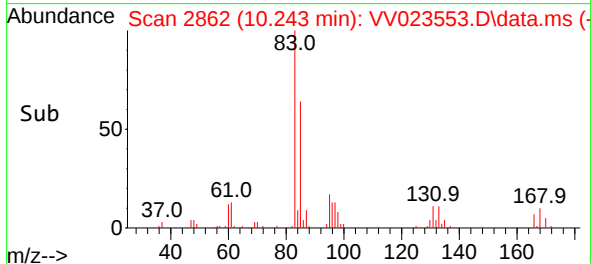
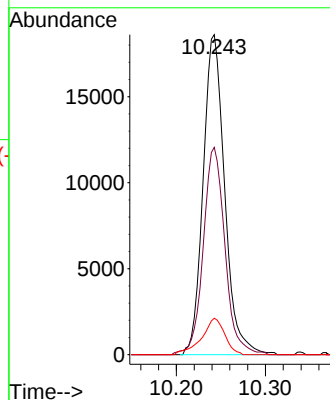
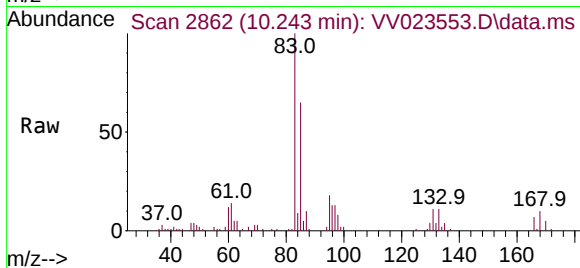
Tgt Ion: 83 Resp: 31279

Ion Ratio Lower Upper

83 100

85 64.8 45.1 83.9

131 11.4 7.8 11.6



#59

Bromoform

Concen: 4.775 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

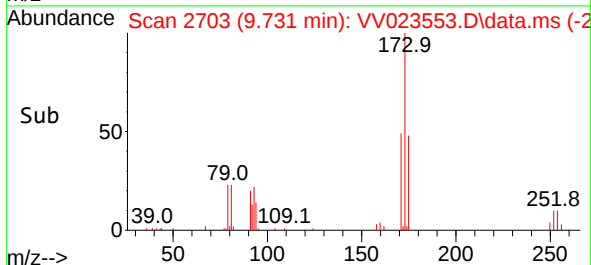
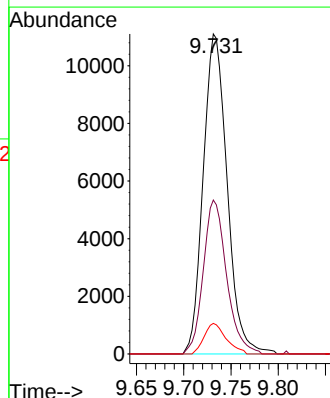
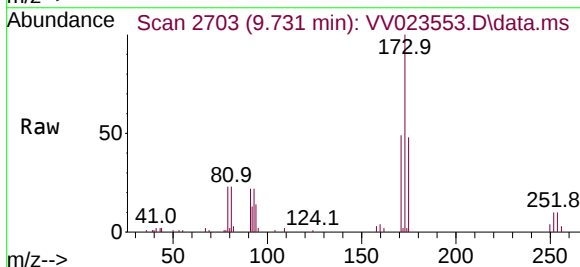
Tgt Ion: 173 Resp: 19542

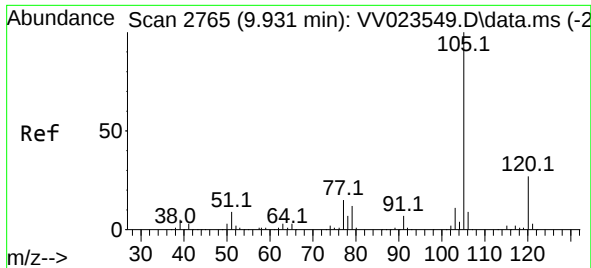
Ion Ratio Lower Upper

173 100

175 46.9 38.2 57.2

254 8.8 6.2 9.2

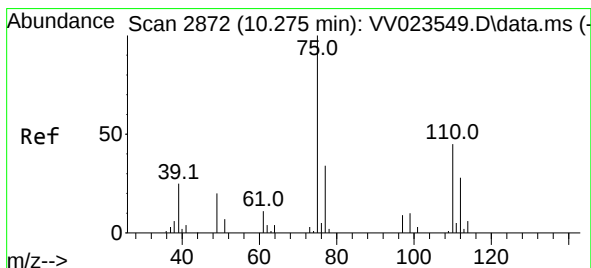
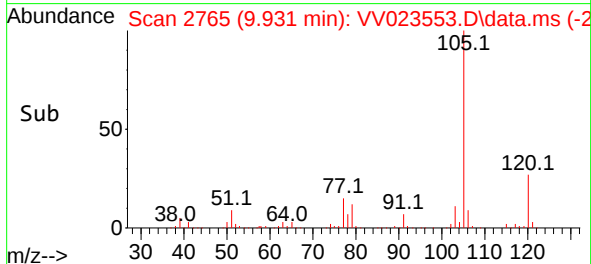
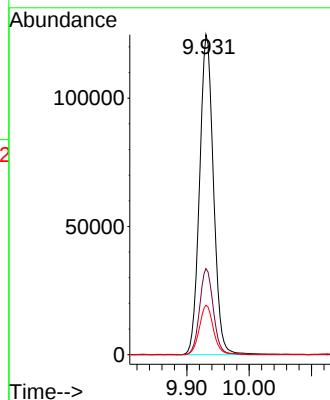
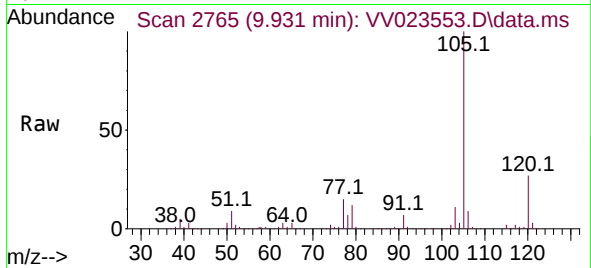




#60
Isopropylbenzene
Concen: 4.924 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

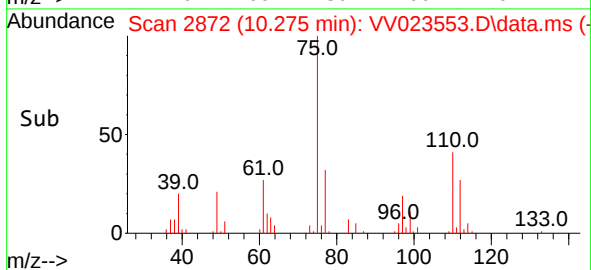
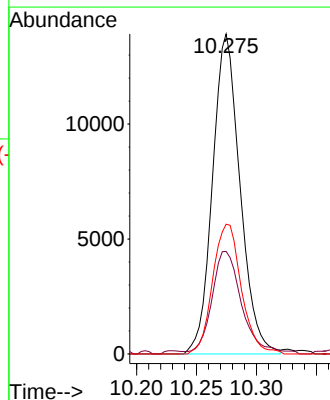
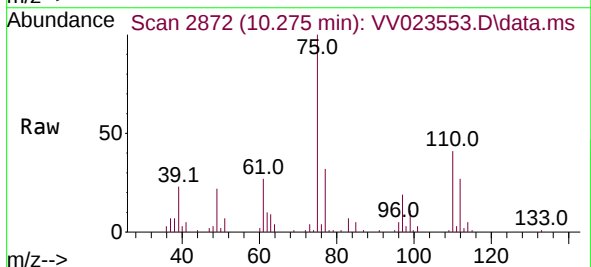
Instrument :
MSVOA_V
ClientSampleId :
H4637MS

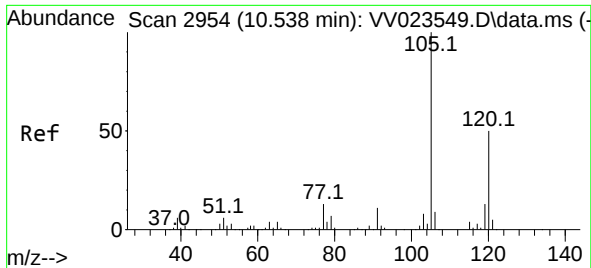
Tgt Ion:105 Resp: 193596
Ion Ratio Lower Upper
105 100
120 26.5 21.7 32.5
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.868 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

Tgt Ion: 75 Resp: 22154
Ion Ratio Lower Upper
75 100
77 35.1 26.6 39.8
110 42.2 31.8 47.6

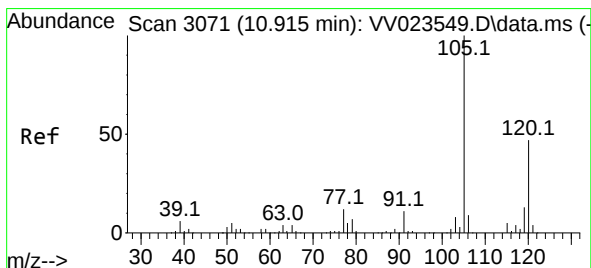
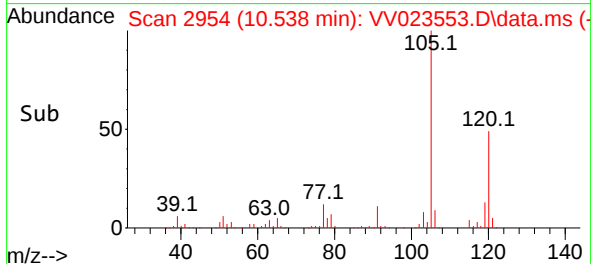
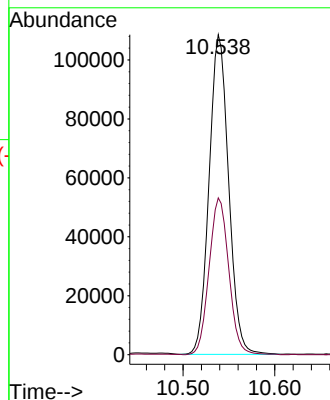
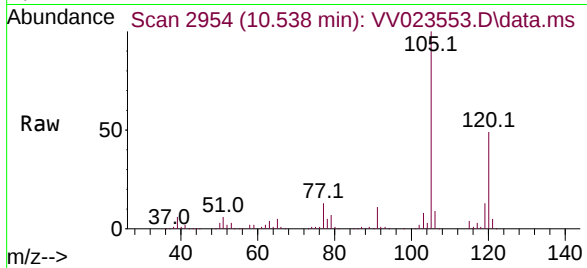




#62
1,3,5-Trimethylbenzene
Concen: 4.915 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

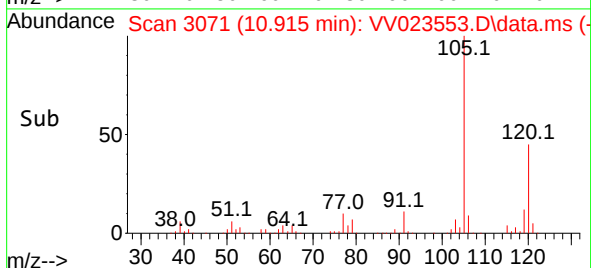
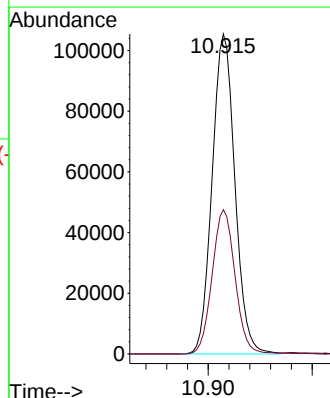
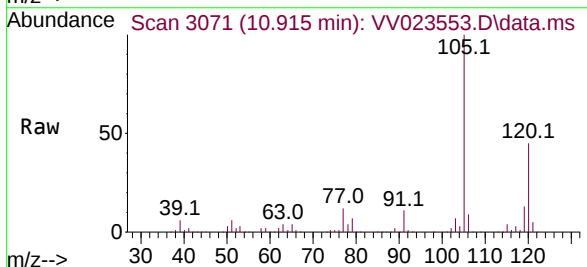
Instrument :
MSVOA_V
ClientSampleId :
H4637MS

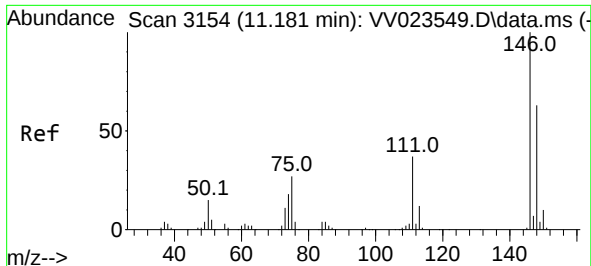
Tgt Ion:105 Resp: 160223
Ion Ratio Lower Upper
105 100
120 49.4 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 4.943 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

Tgt Ion:105 Resp: 160404
Ion Ratio Lower Upper
105 100
120 45.5 37.4 56.2

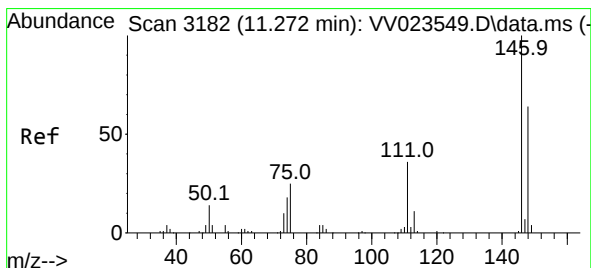
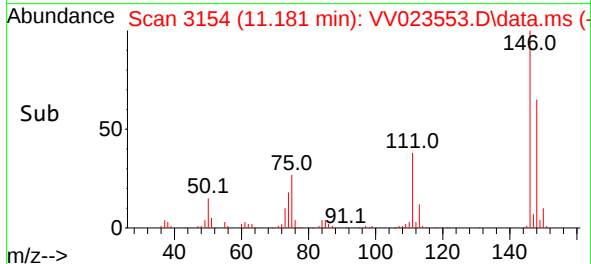
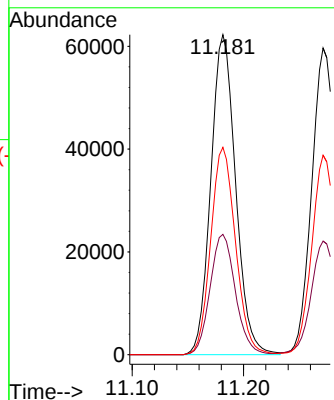
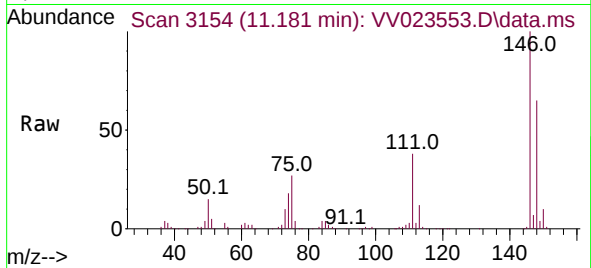




#64
1,3-Dichlorobenzene
Concen: 4.795 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

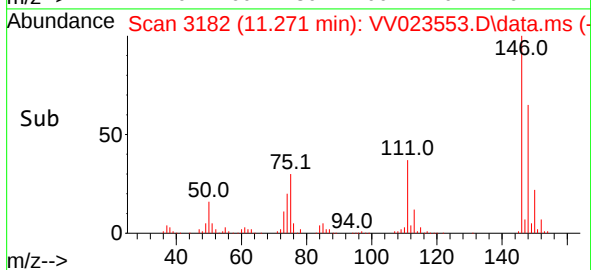
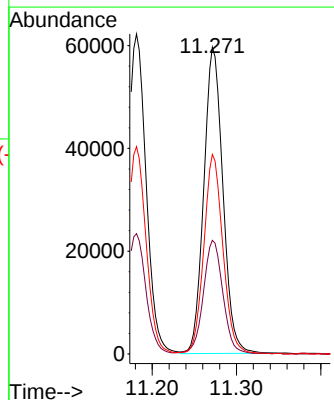
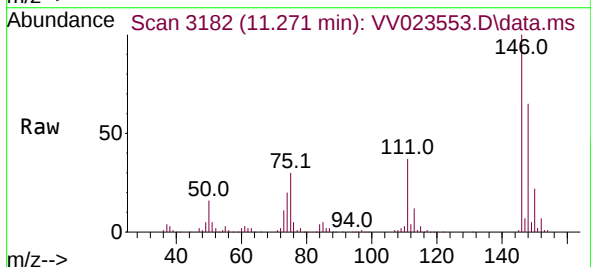
Instrument :
MSVOA_V
ClientSampleId :
H4637MS

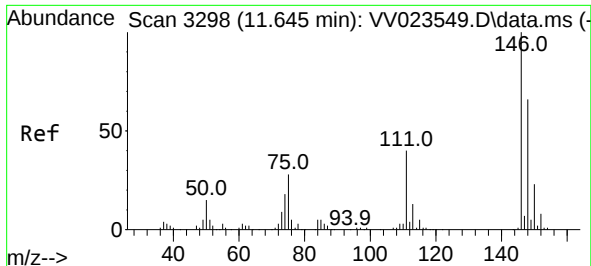
Tgt Ion:146 Resp: 96330
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.7
148 64.8 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.583 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023553.D
Acq: 16 Nov 2021 23:10

Tgt Ion:146 Resp: 94022
Ion Ratio Lower Upper
146 100
111 37.0 26.2 48.8
148 65.1 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 4.935 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

Instrument :

MSVOA_V

ClientSampleId :

H4637MS

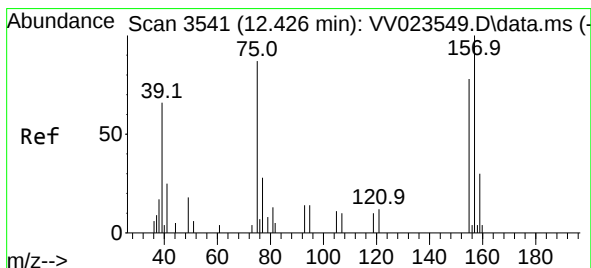
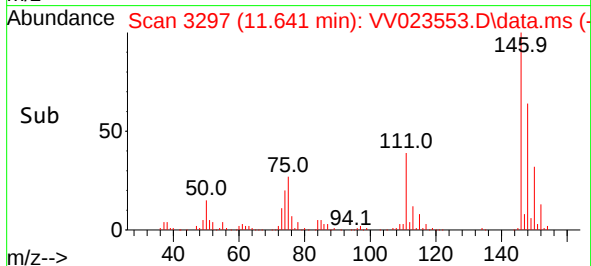
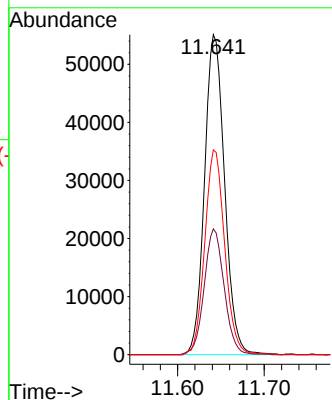
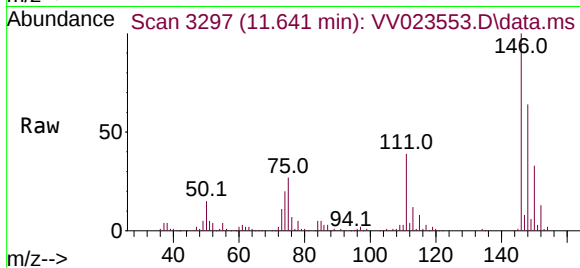
Tgt Ion:146 Resp: 88717

Ion Ratio Lower Upper

146 100

111 39.3 31.6 47.4

148 64.0 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.465 ug/L

RT: 12.432 min Scan# 3543

Delta R.T. 0.006 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

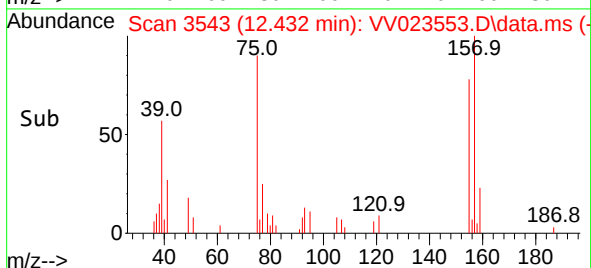
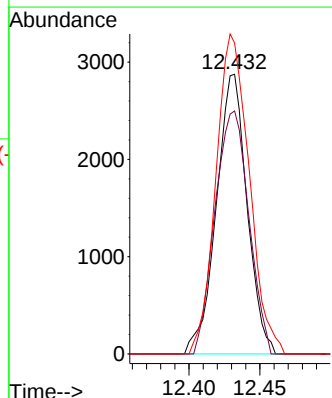
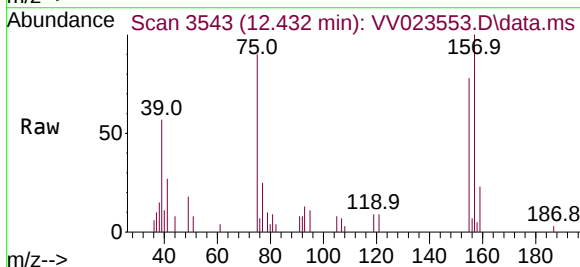
Tgt Ion: 75 Resp: 4330

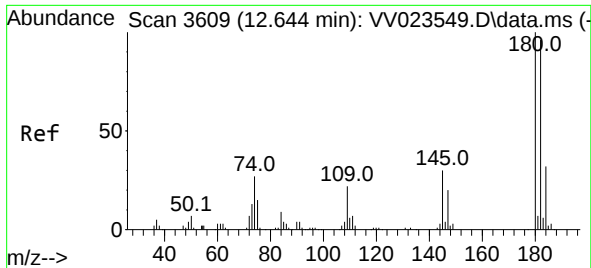
Ion Ratio Lower Upper

75 100

155 86.9 67.7 101.5

157 111.1 87.9 131.9

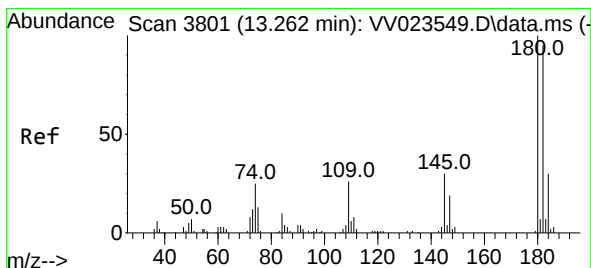
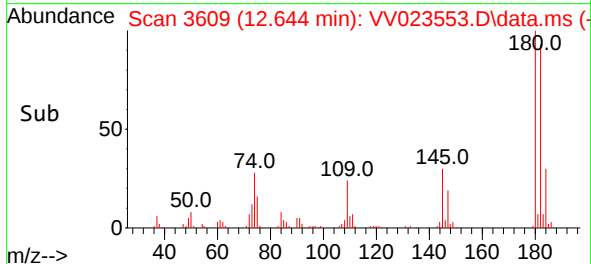
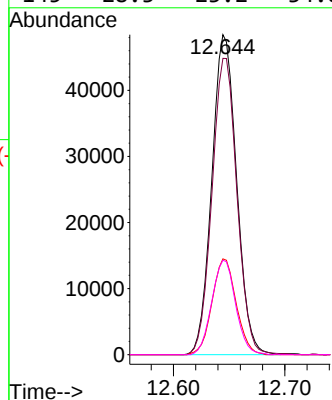
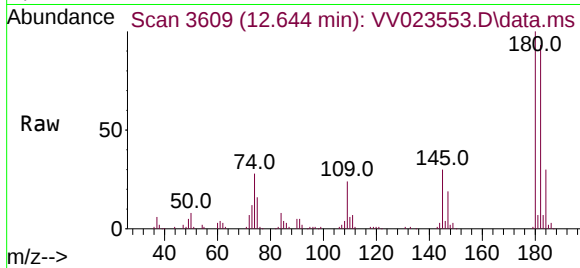




#69
 1,3,5-Trichlorobenzene
 Concen: 4.757 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV023553.D
 Acq: 16 Nov 2021 23:10

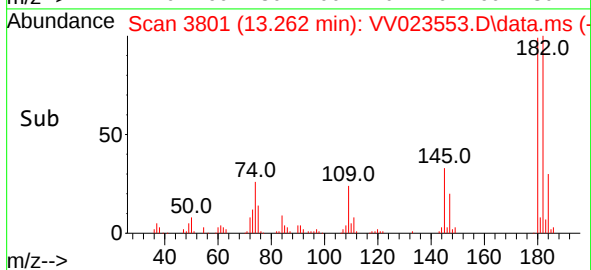
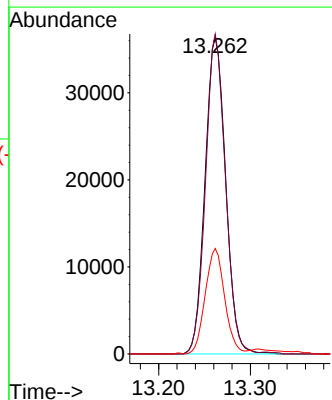
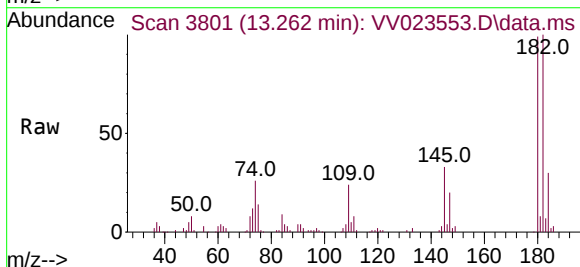
Instrument :
 MSVOA_V
 ClientSampleId :
 H4637MS

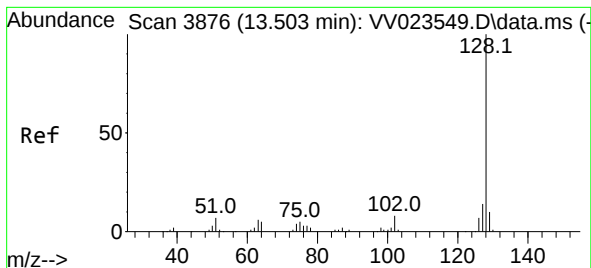
Tgt Ion:180	Resp:	74819
Ion Ratio	Lower	Upper
180	100	
182	93.3	74.9 112.3
184	29.1	23.8 35.8
145	28.3	23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.515 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV023553.D
 Acq: 16 Nov 2021 23:10

Tgt Ion:180	Resp:	56868
Ion Ratio	Lower	Upper
180	100	
182	97.4	76.9 115.3
145	31.5	24.4 36.6





#71

Naphthalene

Concen: 4.392 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

Instrument :

MSVOA_V

ClientSampleId :

H4637MS

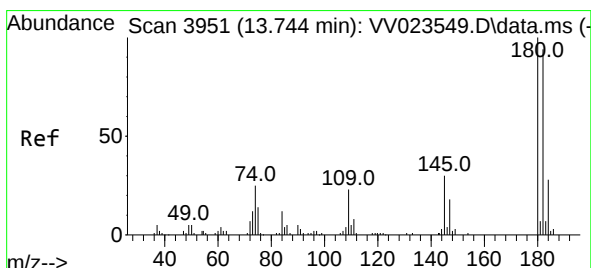
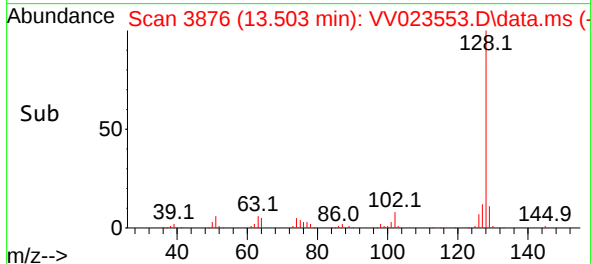
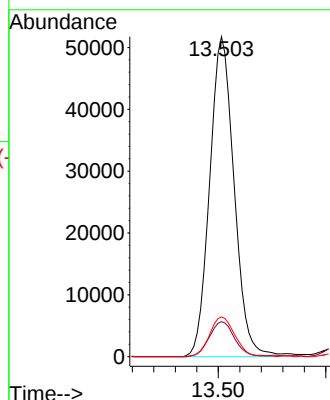
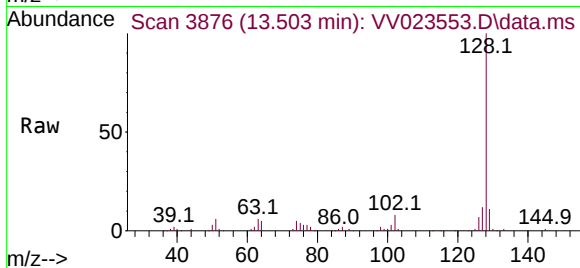
Tgt Ion:128 Resp: 81575

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

127 12.8 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 4.903 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV023553.D

Acq: 16 Nov 2021 23:10

Tgt Ion:180 Resp: 54029

Ion Ratio Lower Upper

180 100

182 96.1 76.7 115.1

145 36.4 25.7 38.5

