

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023542.D
 Acq On : 16 Nov 2021 18:25
 Operator : SY/MD
 Sample : M4617-13DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG217DL

Quant Time: Nov 17 00:54:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 00:48:57 2021
 Response via : Initial Calibration

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

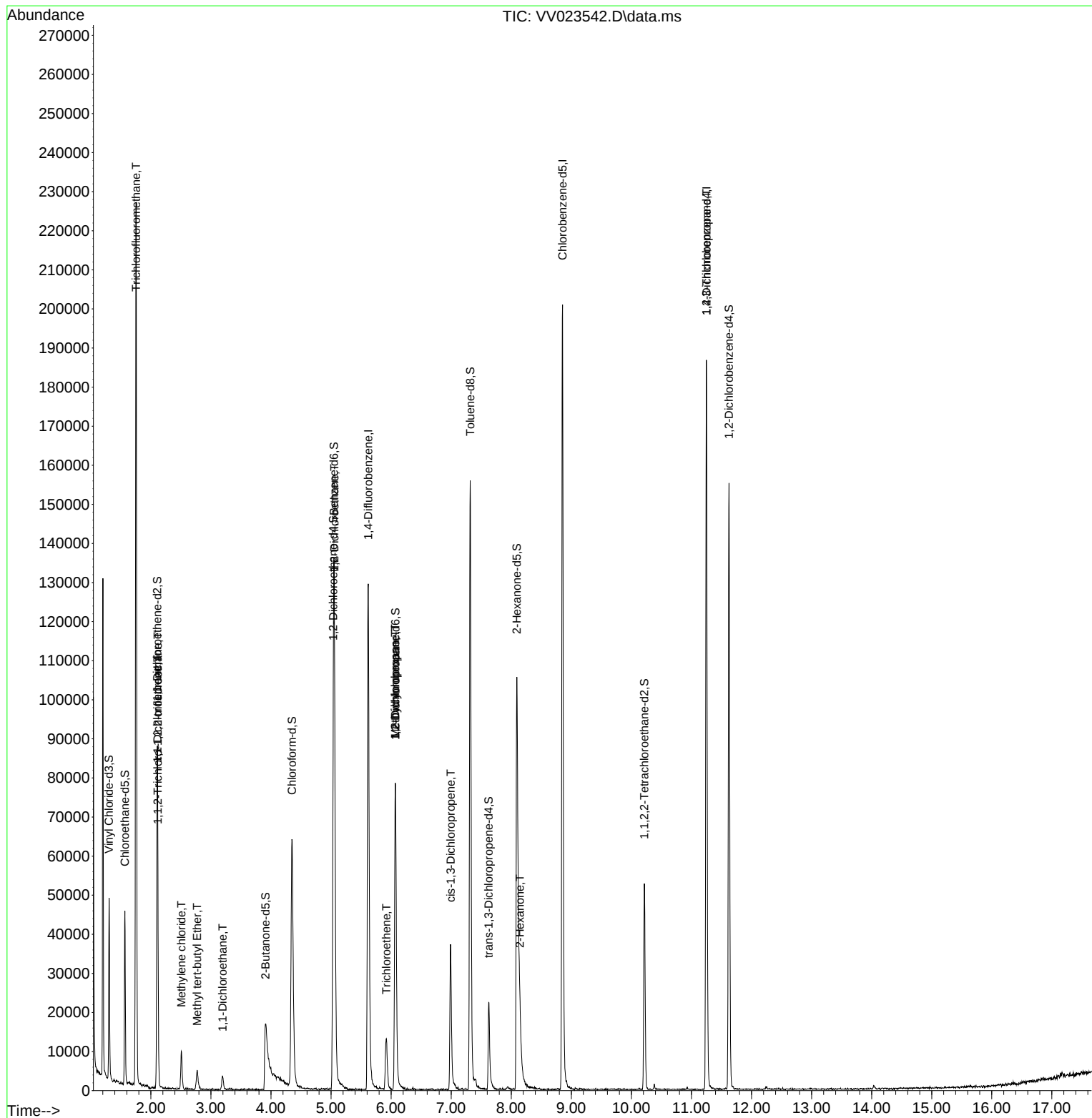
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117861	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116095	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51902	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	29623	4.012	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.568	69	25439	4.227	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.108	63	43065	3.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	3.909	46	35580	27.971	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	55.940%
24) Chloroform-d	4.349	84	65594	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.037	65	31403	4.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.050	84	121034	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.072	67	36749	4.191	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.317	98	104782	3.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	7.625	79	13437	4.041	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.092	63	45928	37.543	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24762	3.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	41796	4.836	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.754	101	130661	8.911	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	2119	0.287	ug/L #	75
12) 1,1-Dichloroethene	2.114	96	840	0.120	ug/L #	1
16) Methylene chloride	2.510	84	4067	0.397	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	4751	0.307	ug/L #	95
19) 1,1-Dichloroethane	3.195	63	3903	0.268	ug/L	94
27) 1,2-Dichloroethane	5.056	62	728	0.088	ug/L #	72
34) Trichloroethene	5.921	95	4090	0.474	ug/L	95
35) Methylcyclohexane	6.069	83	9252	0.679	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4428	0.585	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	986	0.090	ug/L #	79
48) 2-Hexanone	8.143	43	4048	1.644	ug/L #	75
61) 1,2,3-Trichloropropane	11.249	75	5519	1.601	ug/L #	66

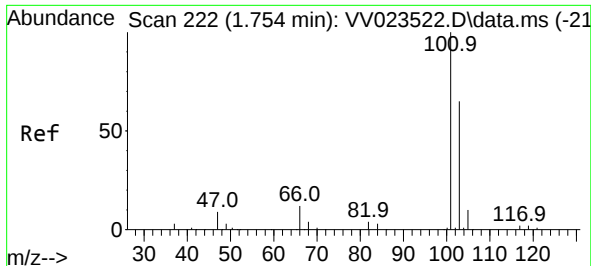
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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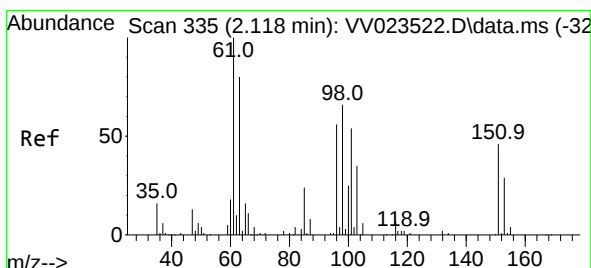
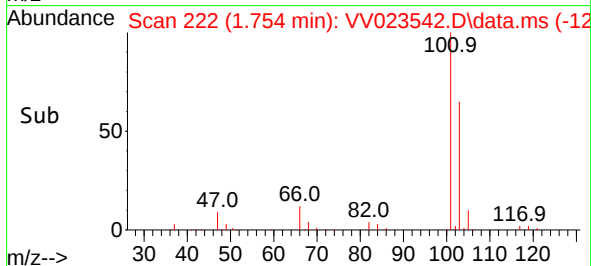
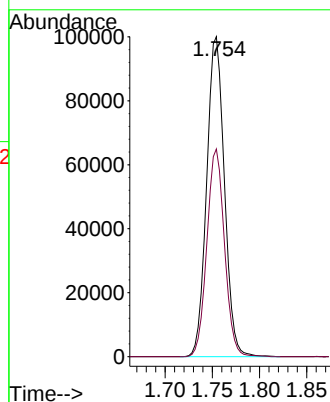
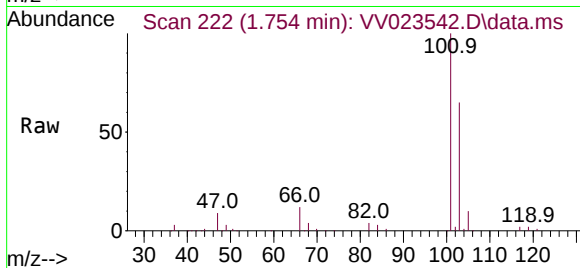




#9
Trichlorofluoromethane
Concen: 8.911 ug/L
RT: 1.754 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV023542.D
Acq: 16 Nov 2021 18:25

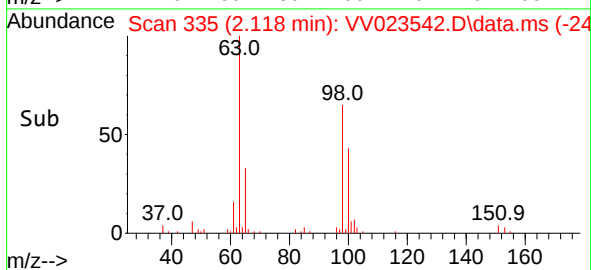
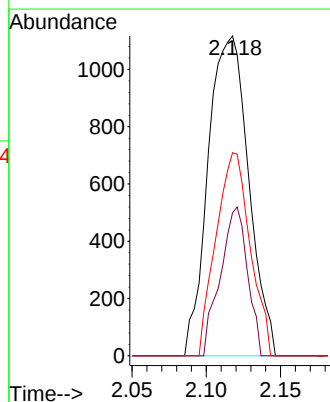
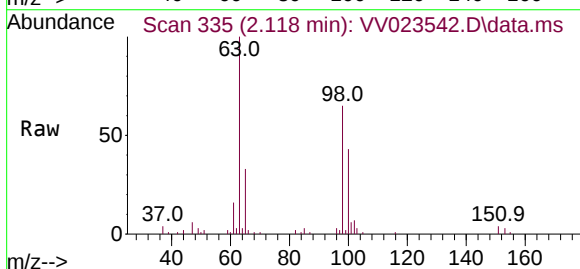
Instrument :
MSVOA_V
ClientSampleId :
BG217DL

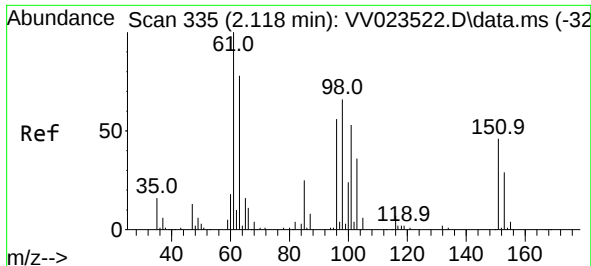
Tgt Ion:101 Resp: 130661
Ion Ratio Lower Upper
101 100
103 64.4 52.6 79.0



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.287 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV023542.D
Acq: 16 Nov 2021 18:25

Tgt Ion:101 Resp: 2119
Ion Ratio Lower Upper
101 100
85 31.2 35.3 52.9#
151 53.4 62.2 93.2#

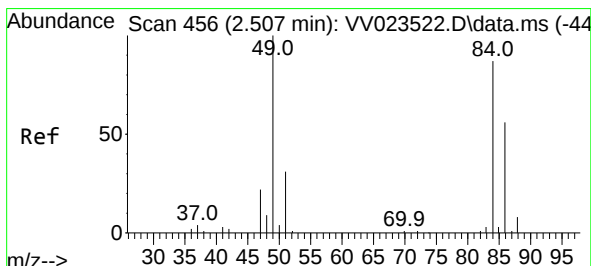
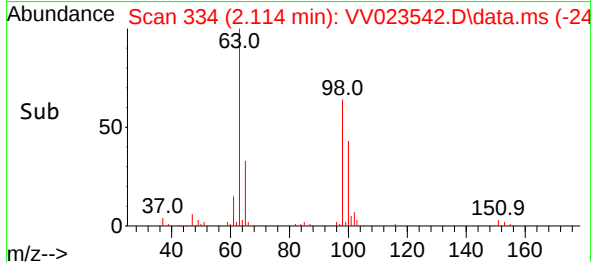
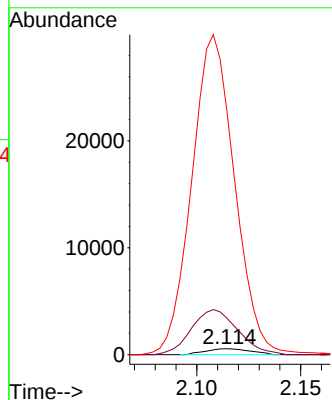
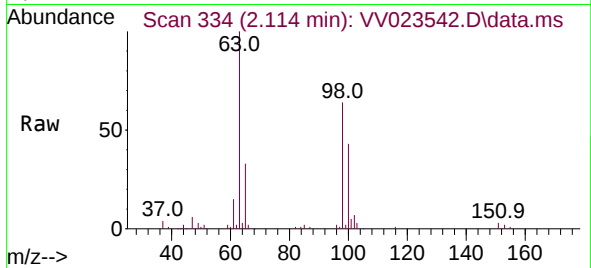




#12
1,1-Dichloroethene
Concen: 0.120 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV023542.D
Acq: 16 Nov 2021 18:25

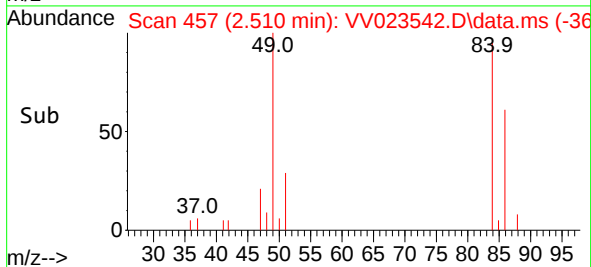
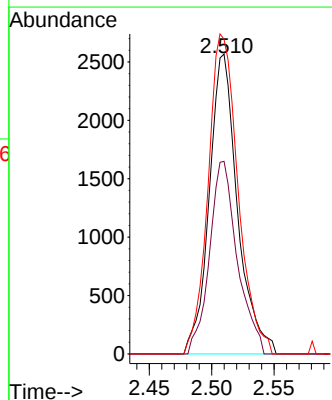
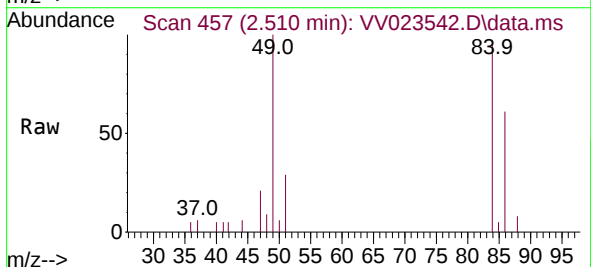
Instrument :
MSVOA_V
ClientSampleId :
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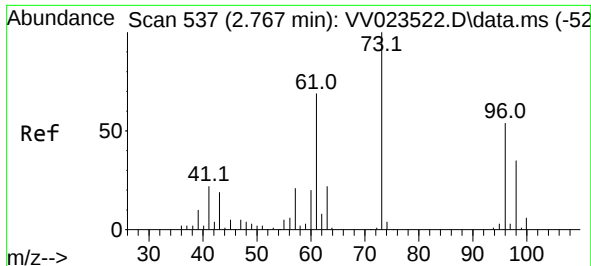
Tgt Ion: 96 Resp: 840
Ion Ratio Lower Upper
96 100
61 614.5 121.5 225.7#
63 4104.5 99.6 185.0#



#16
Methylene chloride
Concen: 0.397 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023542.D
Acq: 16 Nov 2021 18:25

Tgt Ion: 84 Resp: 4067
Ion Ratio Lower Upper
84 100
86 64.2 42.3 78.5
49 104.9 79.7 148.1

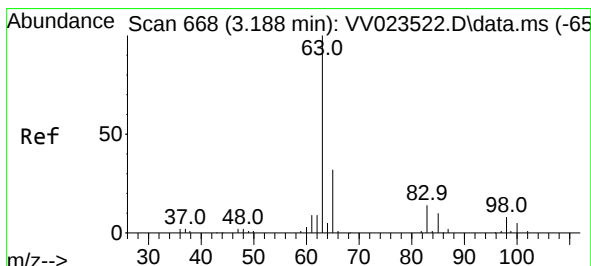
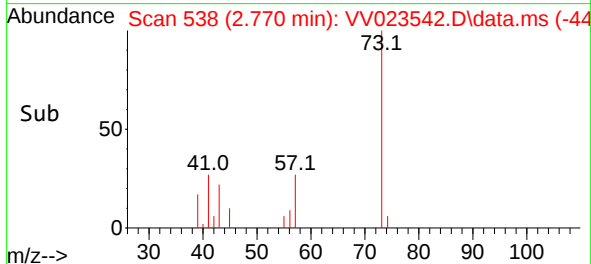
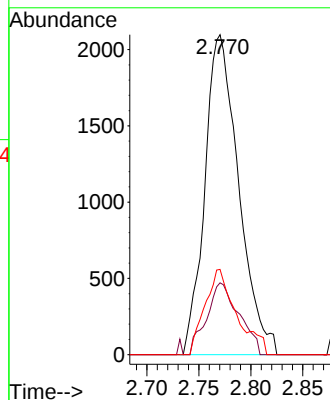
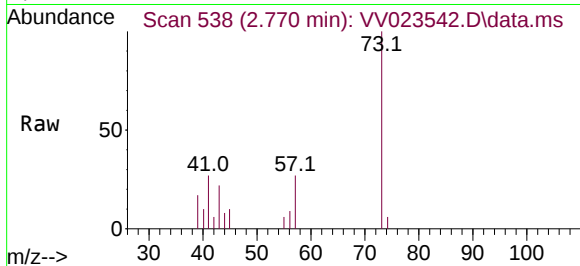




#17
Methyl tert-butyl Ether
Concen: 0.307 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023542.D
Acq: 16 Nov 2021 18:25

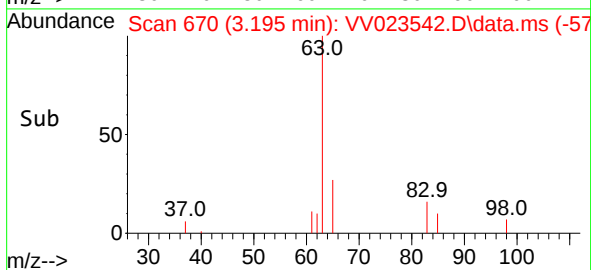
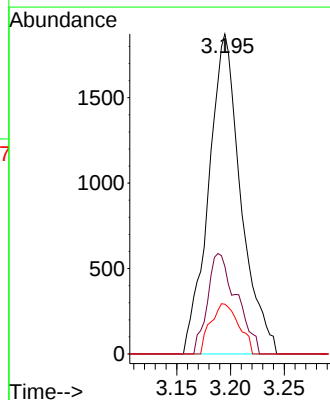
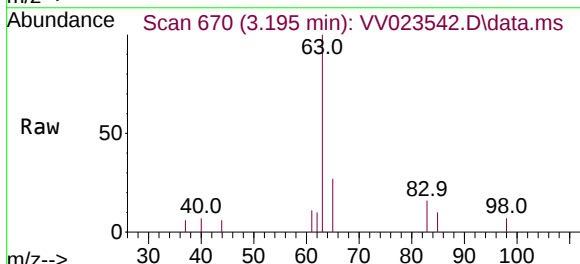
Instrument :
MSVOA_V
ClientSampleId :
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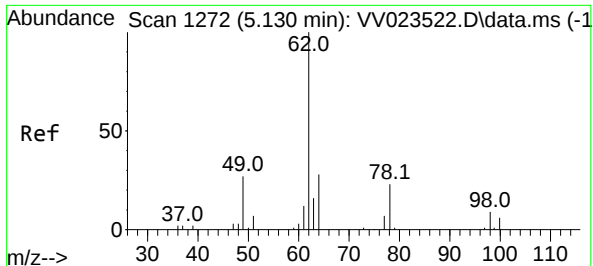
Tgt Ion: 73 Resp: 4751
Ion Ratio Lower Upper
73 100
43 21.5 17.4 26.0
57 24.9 16.5 24.7#



#19
1,1-Dichloroethane
Concen: 0.268 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.007 min
Lab File: VV023542.D
Acq: 16 Nov 2021 18:25

Tgt Ion: 63 Resp: 3903
Ion Ratio Lower Upper
63 100
65 27.4 22.6 42.0
83 15.5 11.1 20.7

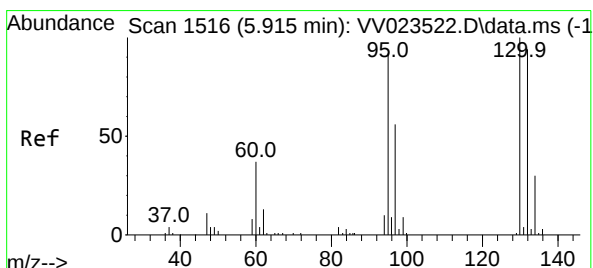
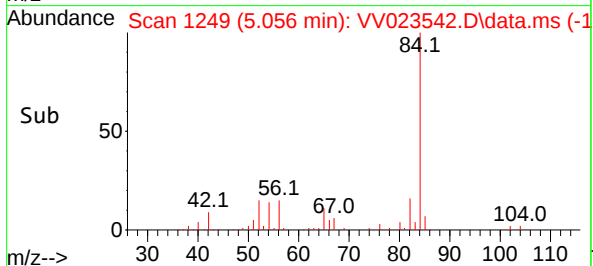
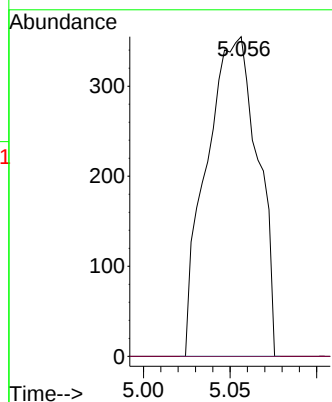
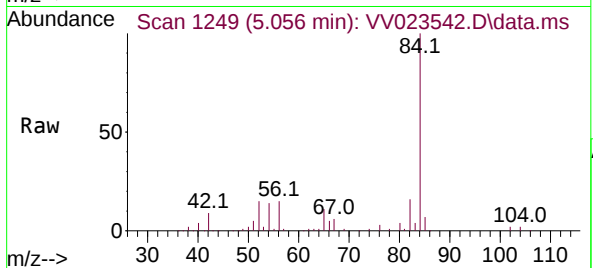




#27
1,2-Dichloroethane
Concen: 0.088 ug/L
RT: 5.056 min Scan# 11
Delta R.T. -0.074 min
Lab File: VV023542.D
Acq: 16 Nov 2021 18:25

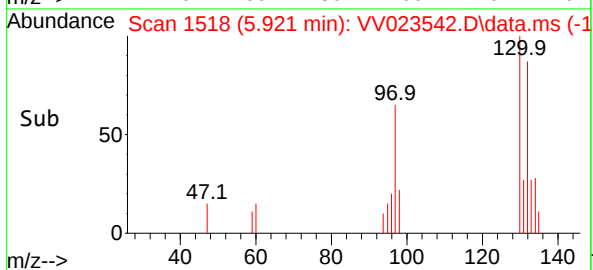
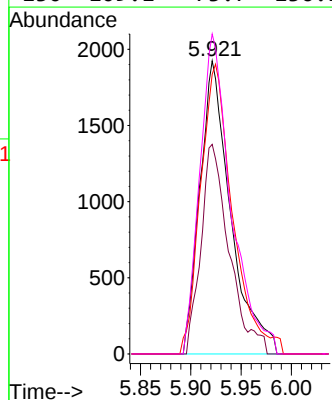
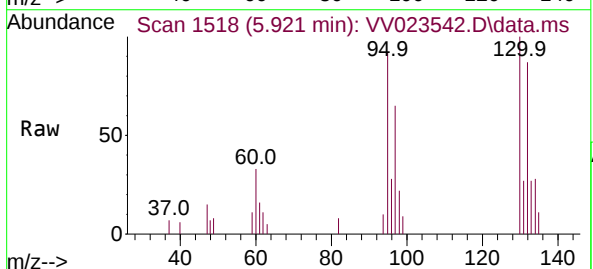
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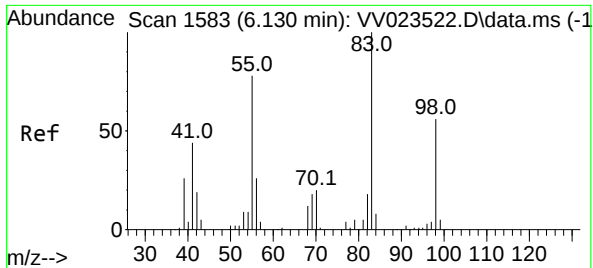
Tgt Ion: 62 Resp: 728
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#34
Trichloroethene
Concen: 0.474 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.007 min
Lab File: VV023542.D
Acq: 16 Nov 2021 18:25

Tgt Ion: 95 Resp: 4090
Ion Ratio Lower Upper
95 100
97 71.5 45.0 83.6
132 95.4 69.7 129.4
130 109.1 73.7 136.9

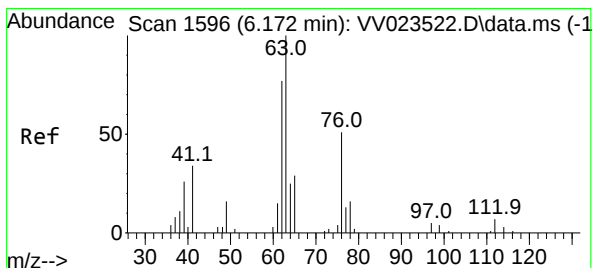
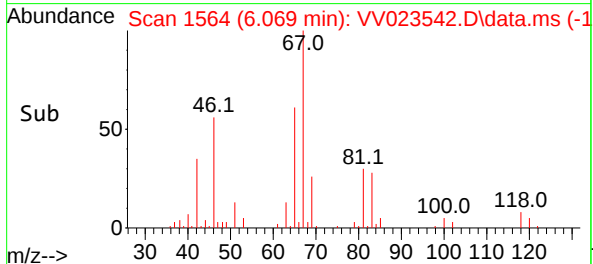
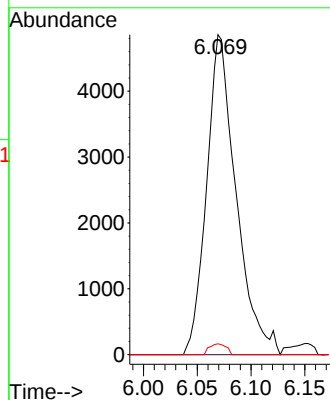
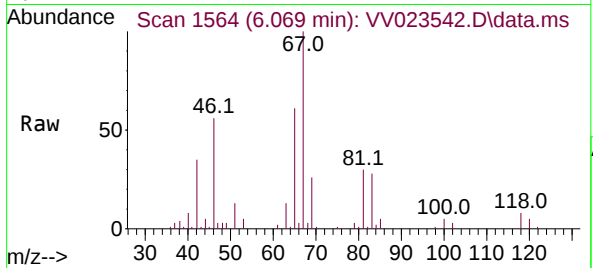




#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023542.D
Acq: 16 Nov 2021 18:25

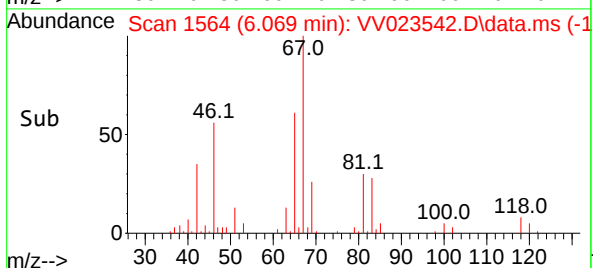
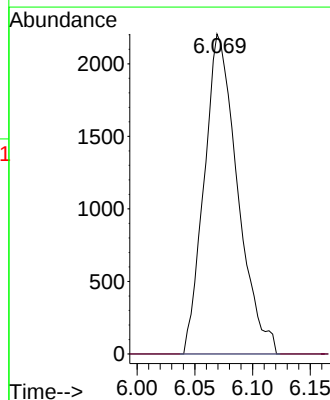
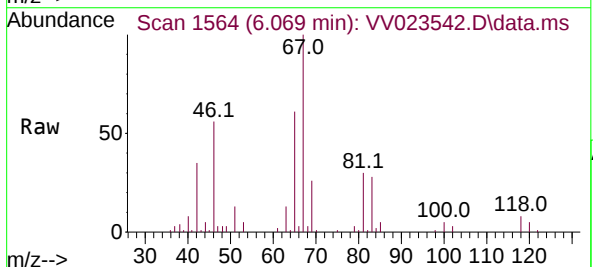
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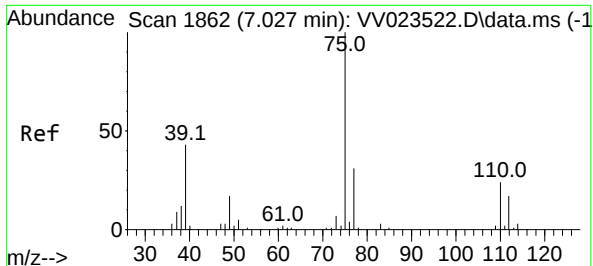
Tgt Ion: 83 Resp: 9252
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 1.9 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.585 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV023542.D
Acq: 16 Nov 2021 18:25

Tgt Ion: 63 Resp: 4428
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV023542.D

Acq: 16 Nov 2021 18:25

Instrument :

MSVOA_V

ClientSampleId :

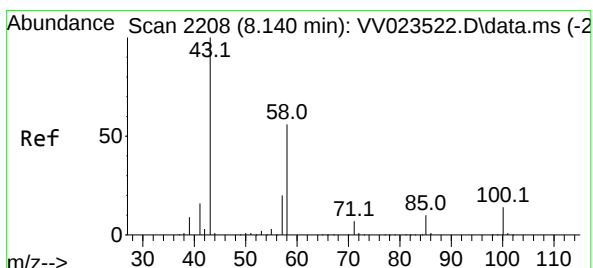
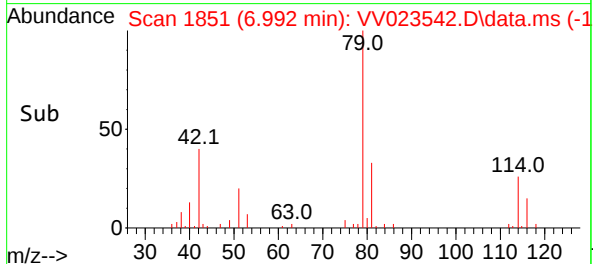
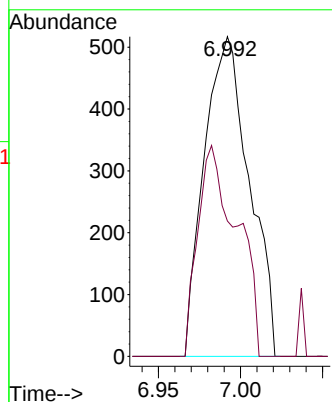
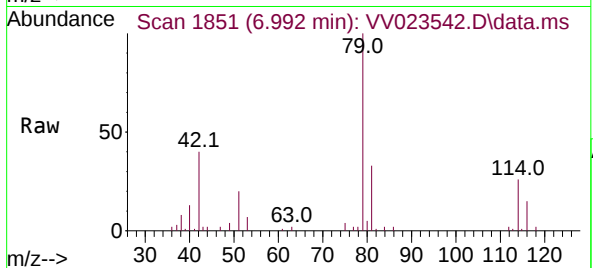
BG217DL

Tgt Ion: 75 Resp: 986

Ion Ratio Lower Upper

75 100

77 42.4 21.6 40.2#



#48

2-Hexanone

Concen: 1.644 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VV023542.D

Acq: 16 Nov 2021 18:25

Tgt Ion: 43 Resp: 4048

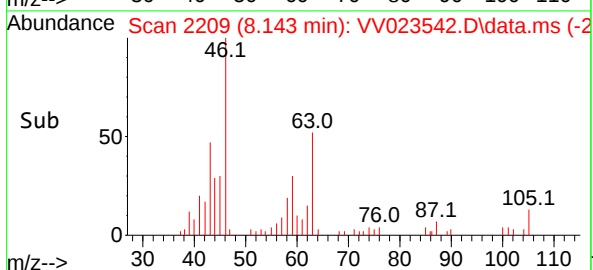
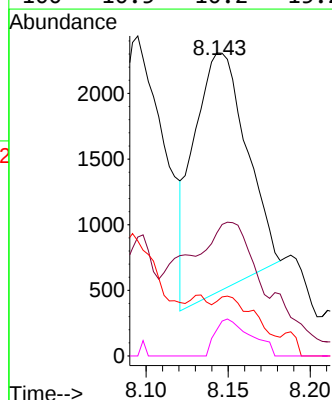
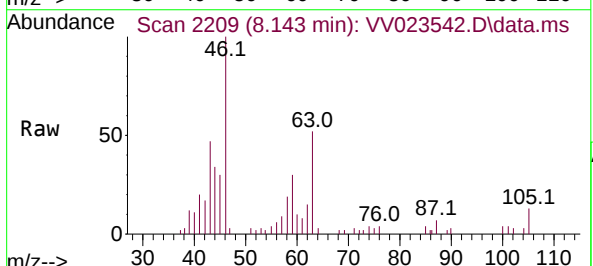
Ion Ratio Lower Upper

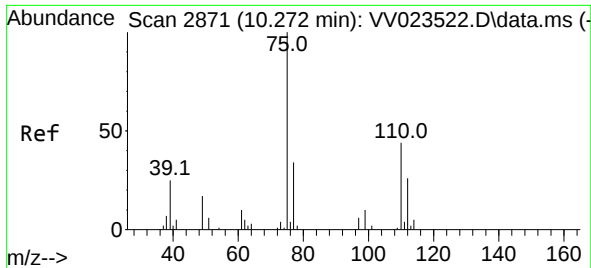
43 100

58 28.4 43.7 65.5#

57 19.9 14.1 21.1

100 10.5 10.2 15.2





#61
 1,2,3-Trichloropropane
 Concen: 1.601 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV023542.D
 Acq: 16 Nov 2021 18:25

Instrument :
 MSVOA_V
 ClientSampleId :
 BG217DL

Tgt Ion: 75 Resp: 5519
 Ion Ratio Lower Upper
 75 100
 77 34.5 26.6 39.8
 110 2.9 31.8 47.6#

