

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023574.D
 Acq On : 17 Nov 2021 16:59
 Operator : SY/MD
 Sample : M4617-05DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG226DL

Quant Time: Nov 18 00:22:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 00:20:29 2021
 Response via : Initial Calibration

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

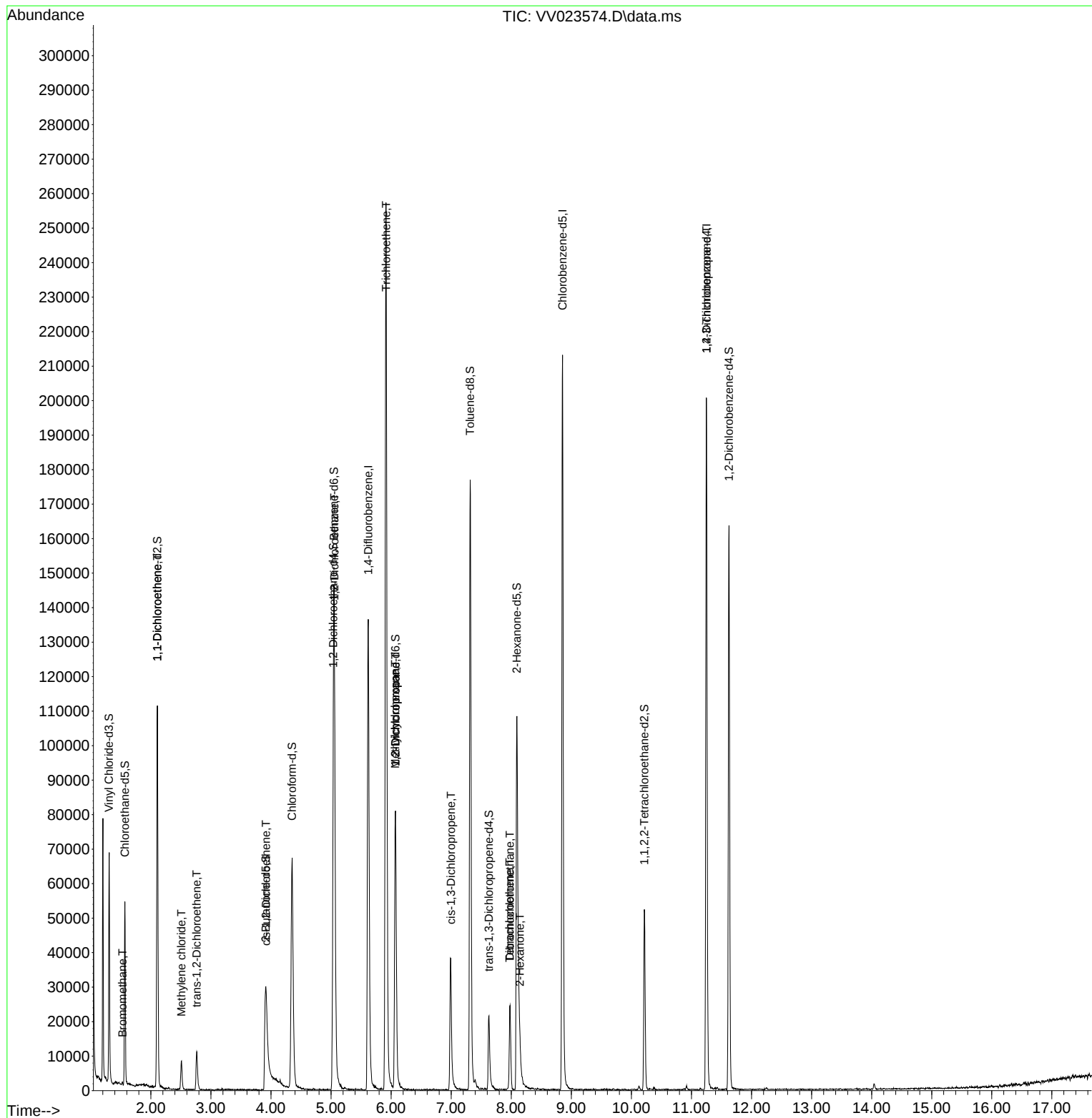
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121324	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119937	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41365	5.442	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.800%
7) Chloroethane-d5	1.568	69	31358	5.062	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.108	63	55053	3.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	3.912	46	36527	27.895	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	55.800%
24) Chloroform-d	4.349	84	67388	4.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	5.037	65	32631	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.050	84	134674	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.072	67	38548	4.255	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.317	98	119317	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.629	79	14069	4.096	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.092	63	43959	34.783	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.560%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23892	3.667	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	43628	4.749	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
6) Bromomethane	1.526	94	362	0.056	ug/L	94
12) 1,1-Dichloroethene	2.108	96	690	0.095	ug/L #	1
16) Methylene chloride	2.510	84	3504	0.332	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	4515	0.508	ug/L	92
22) cis-1,2-Dichloroethene	3.918	96	7749	0.905	ug/L #	92
27) 1,2-Dichloroethane	5.056	62	826	0.097	ug/L #	72
34) Trichloroethene	5.915	95	87366	9.800	ug/L	97
35) Methylcyclohexane	6.069	83	10067	0.715	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	4615	0.590	ug/L #	83
39) cis-1,3-Dichloropropene	6.995	75	1038	0.092	ug/L #	62
47) Tetrachloroethene	7.976	164	5417	0.701	ug/L	95
48) 2-Hexanone	8.143	43	2155	0.847	ug/L #	41
49) Dibromochloromethane	7.979	129	5362	0.753	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5674	1.548	ug/L #	65

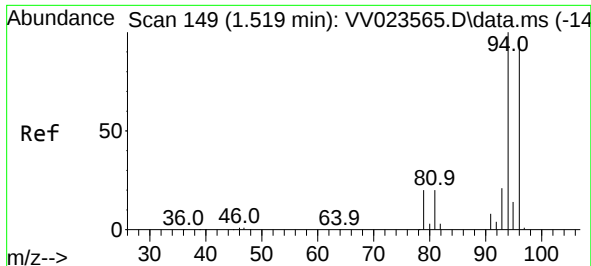
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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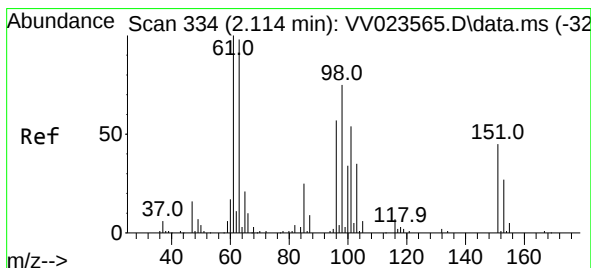
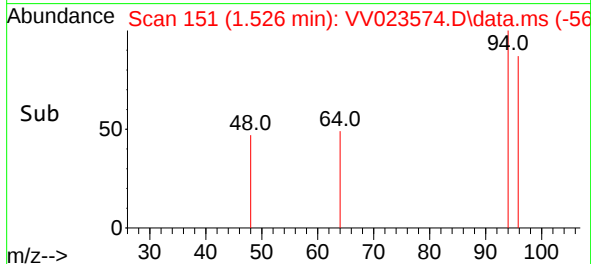
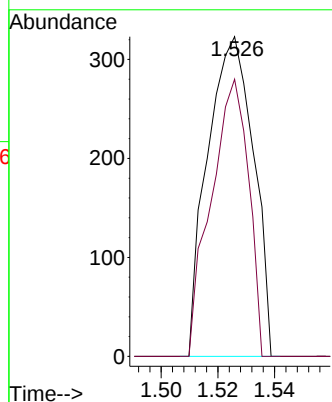
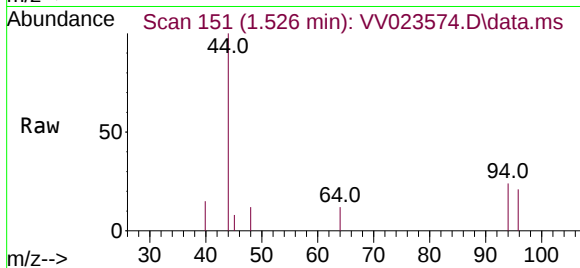




#6
Bromomethane
Concen: 0.056 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV023574.D
Acq: 17 Nov 2021 16:59

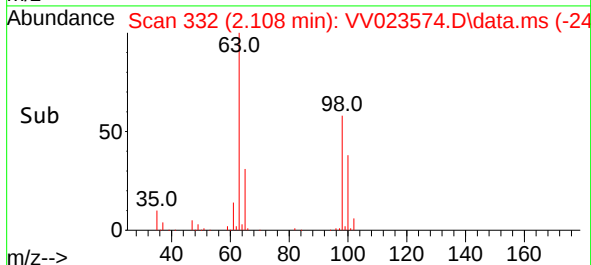
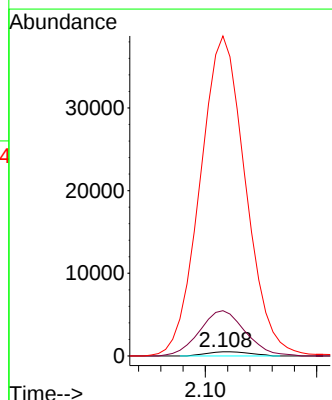
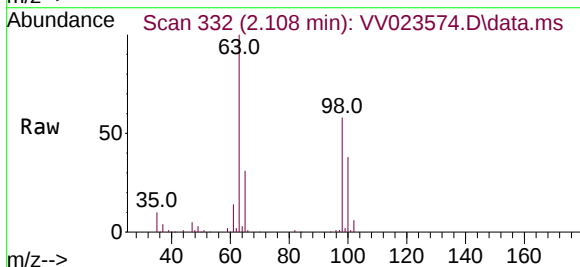
Instrument :
MSVOA_V
ClientSampleId :
BG226DL

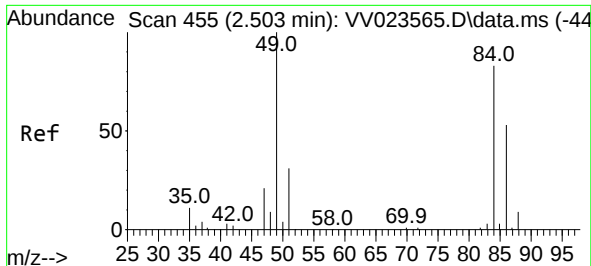
Tgt Ion: 94 Resp: 362
Ion Ratio Lower Upper
94 100
96 86.7 65.0 120.8



#12
1,1-Dichloroethene
Concen: 0.095 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV023574.D
Acq: 17 Nov 2021 16:59

Tgt Ion: 96 Resp: 690
Ion Ratio Lower Upper
96 100
61 1092.8 121.5 225.7#
63 7711.6 99.6 185.0#

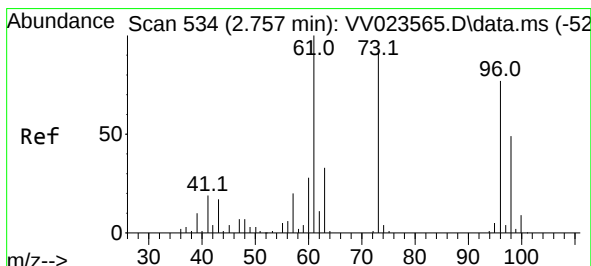
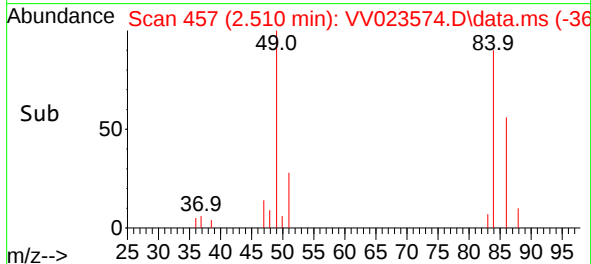
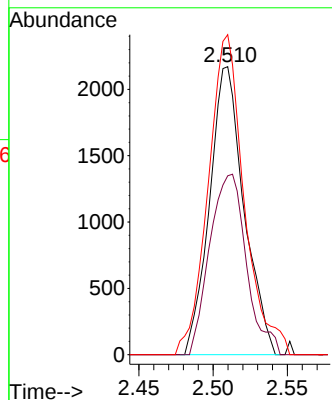
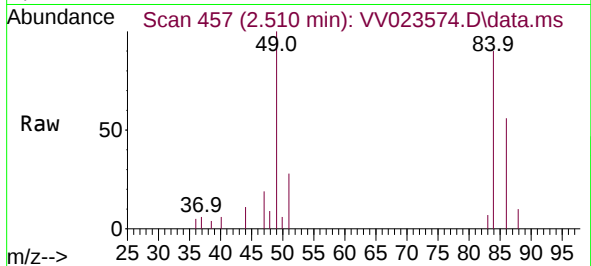




#16
Methylene chloride
Concen: 0.332 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV023574.D
Acq: 17 Nov 2021 16:59

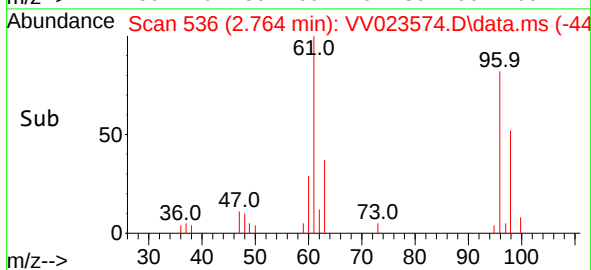
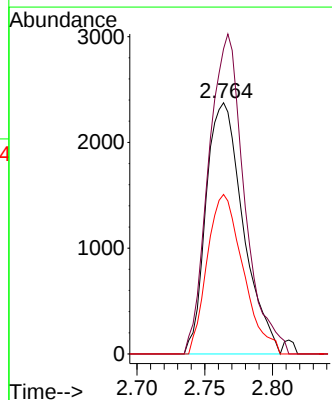
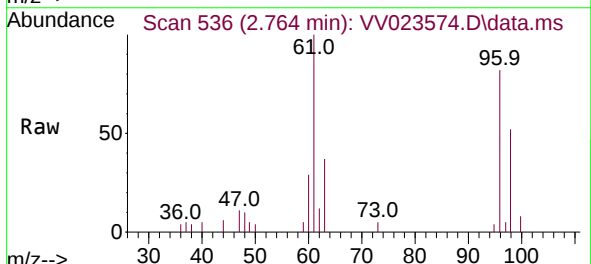
Instrument :
MSVOA_V
ClientSampleId :
BG226DL

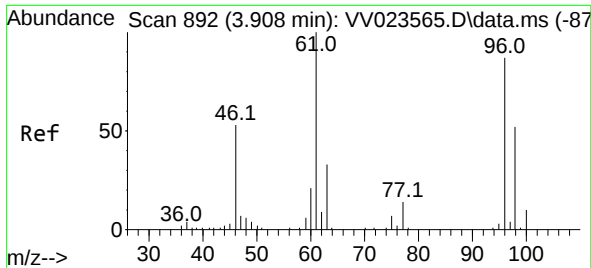
Tgt Ion: 84 Resp: 3504
Ion Ratio Lower Upper
84 100
86 62.1 42.3 78.5
49 111.1 79.7 148.1



#18
trans-1,2-Dichloroethene
Concen: 0.508 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.007 min
Lab File: VV023574.D
Acq: 17 Nov 2021 16:59

Tgt Ion: 96 Resp: 4515
Ion Ratio Lower Upper
96 100
61 121.5 93.2 173.2
98 63.5 47.0 87.2

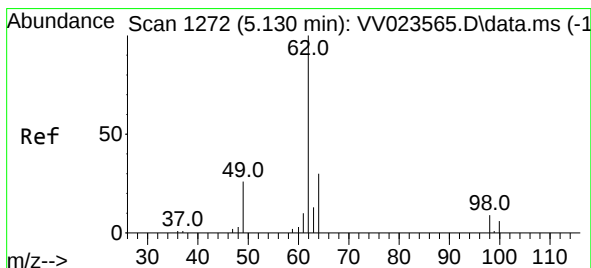
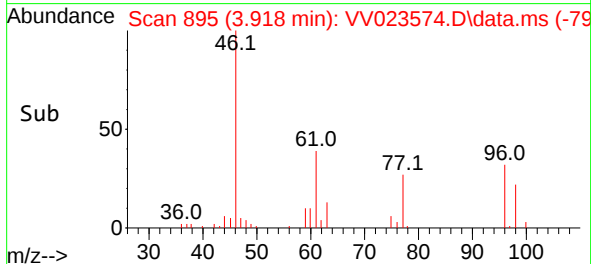
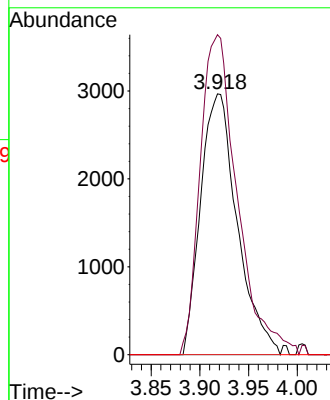
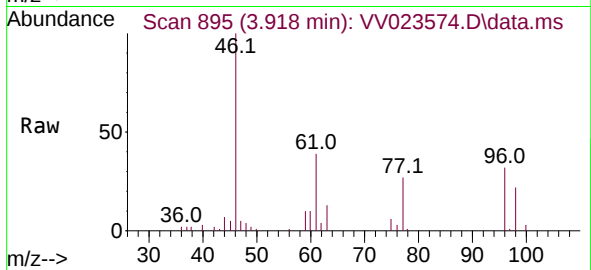




#22
 cis-1,2-Dichloroethene
 Concen: 0.905 ug/L
 RT: 3.918 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV023574.D
 Acq: 17 Nov 2021 16:59

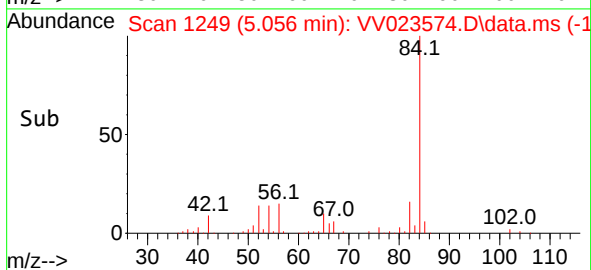
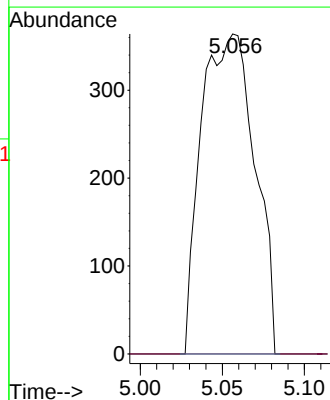
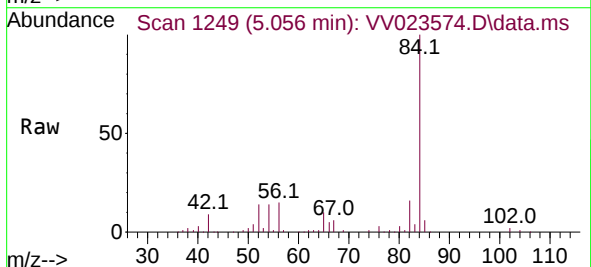
Instrument :
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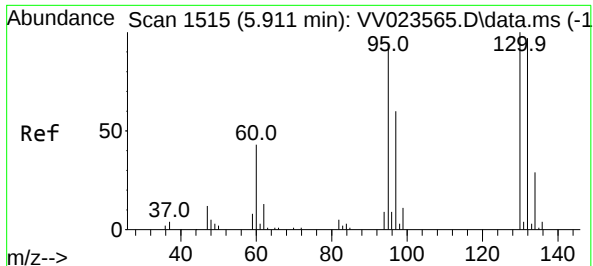
Tgt Ion: 96 Resp: 7749
 Ion Ratio Lower Upper
 96 100
 61 122.7 92.3 171.3
 68 0.0 0.4 0.8#



#27
 1,2-Dichloroethane
 Concen: 0.097 ug/L
 RT: 5.056 min Scan# 1249
 Delta R.T. -0.074 min
 Lab File: VV023574.D
 Acq: 17 Nov 2021 16:59

Tgt Ion: 62 Resp: 826
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.4#

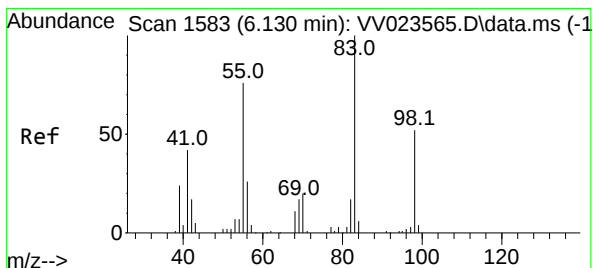
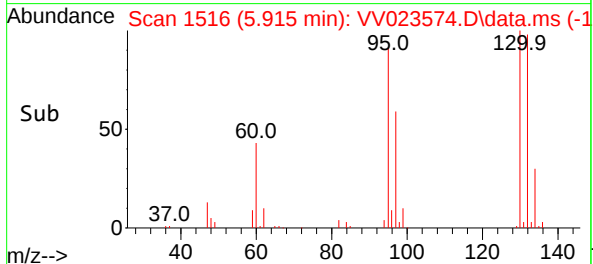
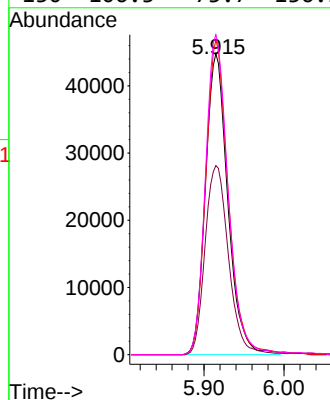
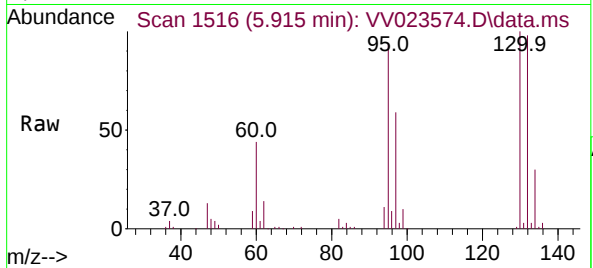




#34
Trichloroethene
Concen: 9.800 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023574.D
Acq: 17 Nov 2021 16:59

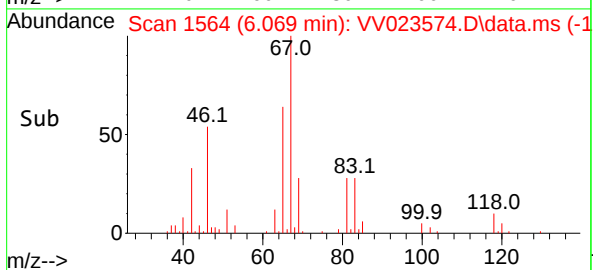
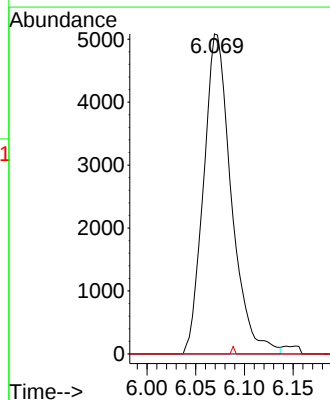
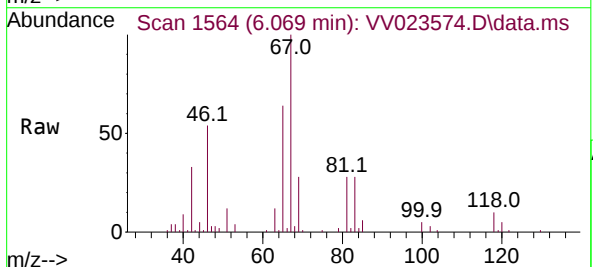
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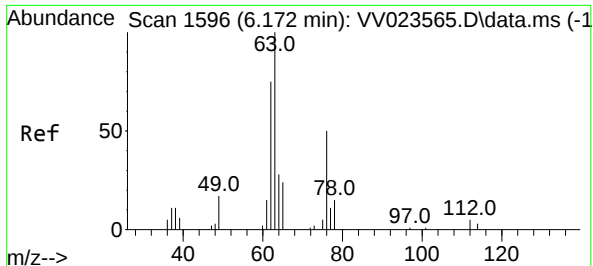
Tgt Ion: 95 Resp: 87366
Ion Ratio Lower Upper
95 100
97 62.8 45.0 83.6
132 104.6 69.7 129.4
130 106.3 73.7 136.9



#35
Methylcyclohexane
Concen: 0.715 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023574.D
Acq: 17 Nov 2021 16:59

Tgt Ion: 83 Resp: 10067
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 3.2 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.590 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023574.D

Acq: 17 Nov 2021 16:59

Instrument :

MSVOA_V

ClientSampleId :

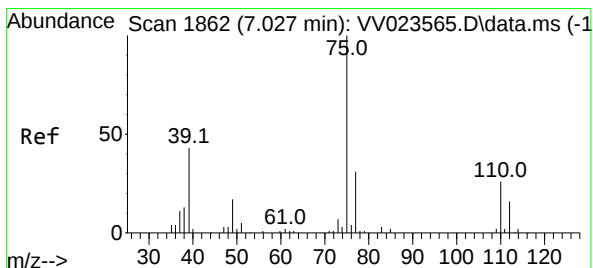
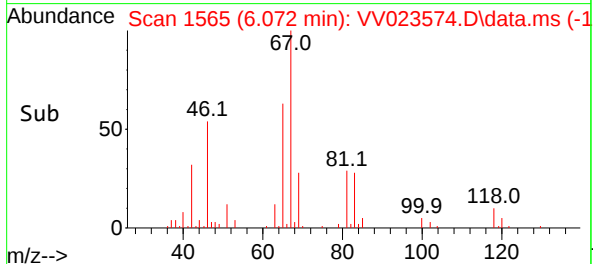
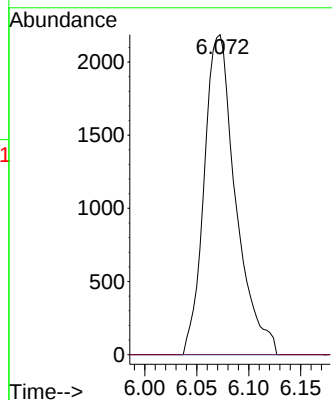
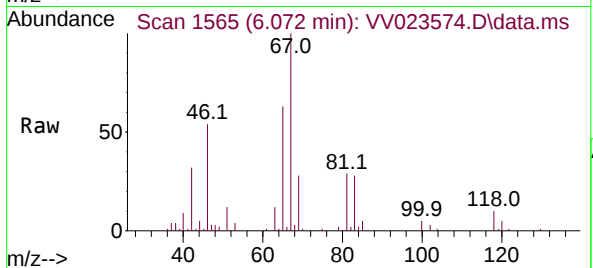
BG226DL

Tgt Ion: 63 Resp: 4615

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.032 min

Lab File: VV023574.D

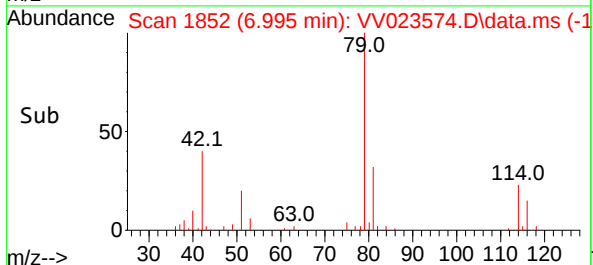
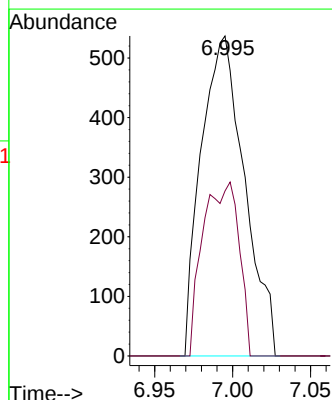
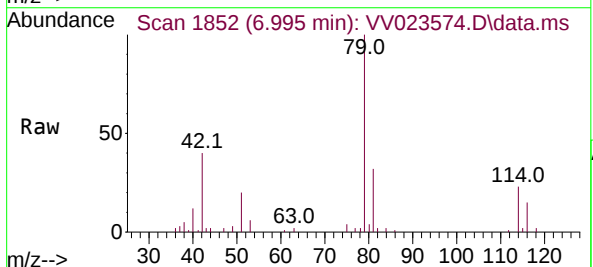
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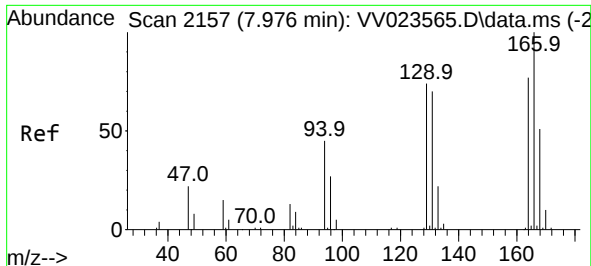
Tgt Ion: 75 Resp: 1038

Ion Ratio Lower Upper

75 100

77 51.6 21.6 40.2#





#47

Tetrachloroethene

Concen: 0.701 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV023574.D

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Tgt Ion:164 Resp: 5417

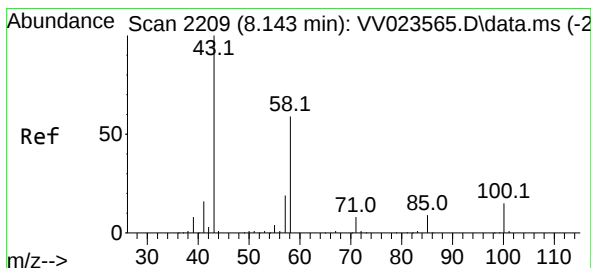
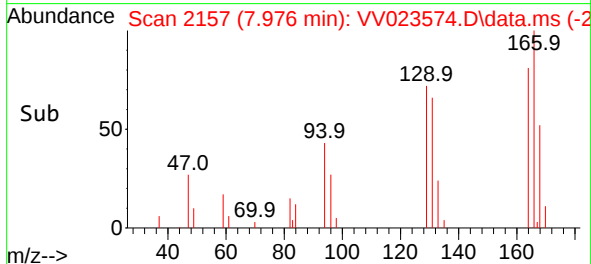
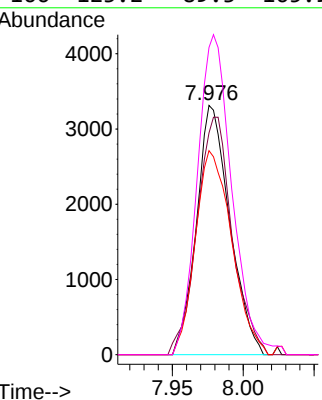
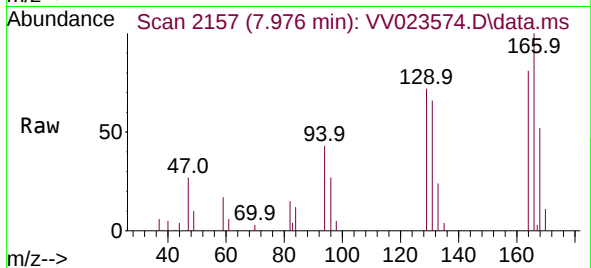
Ion Ratio Lower Upper

164 100

129 88.9 64.0 119.0

131 81.8 63.4 117.8

166 123.2 89.3 165.9



#48

2-Hexanone

Concen: 0.847 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VV023574.D

Acq: 17 Nov 2021 16:59

Tgt Ion: 43 Resp: 2155

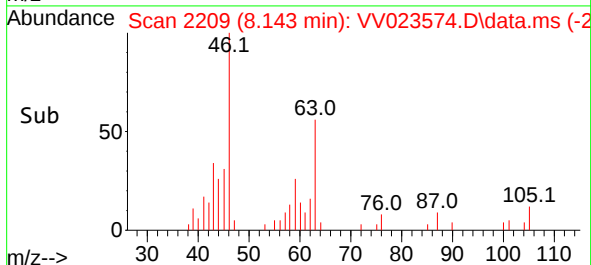
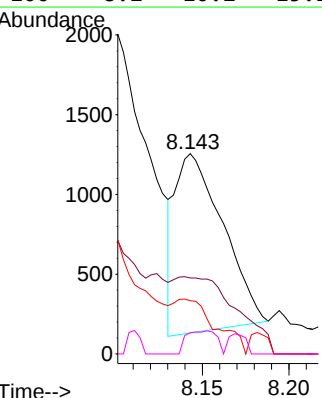
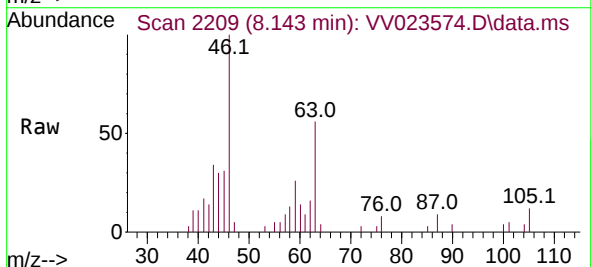
Ion Ratio Lower Upper

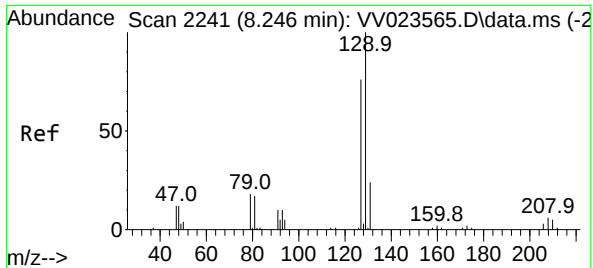
43 100

58 0.0 43.7 65.5#

57 0.0 14.1 21.1#

100 8.2 10.2 15.2#

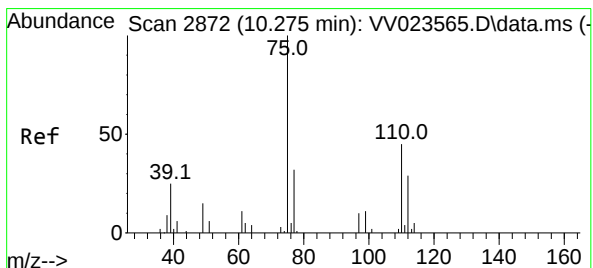
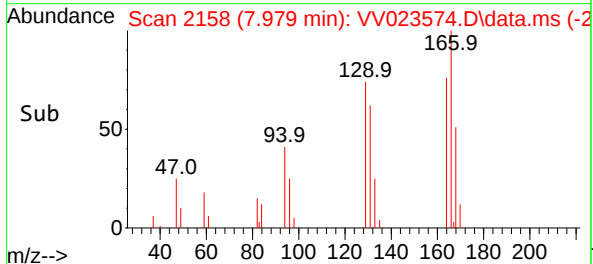
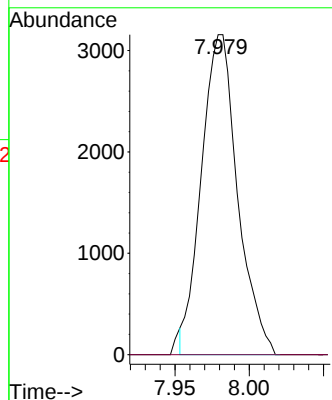
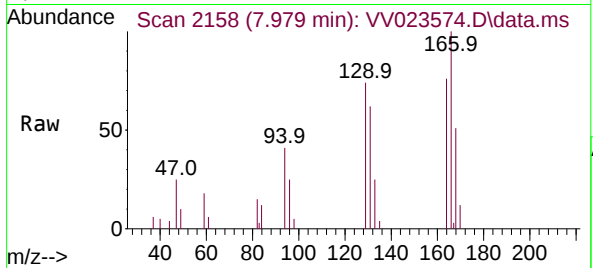




#49
Dibromochloromethane
Concen: 0.753 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV023574.D
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Tgt Ion:129 Resp: 5362
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#



#61
1,2,3-Trichloropropane
Concen: 1.548 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023574.D
Acq: 17 Nov 2021 16:59

Tgt Ion: 75 Resp: 5674
Ion Ratio Lower Upper
75 100
77 35.4 26.6 39.8
110 2.5 31.8 47.6#

