

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061422\
 Data File : VW026233.D
 Acq On : 14 Jun 2022 13:44
 Operator : SY/MD
 Sample : N3272-13DL2 8000X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B57DL2

Quant Time: Jun 15 05:49:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 05:46:56 2022
 Response via : Initial Calibration

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

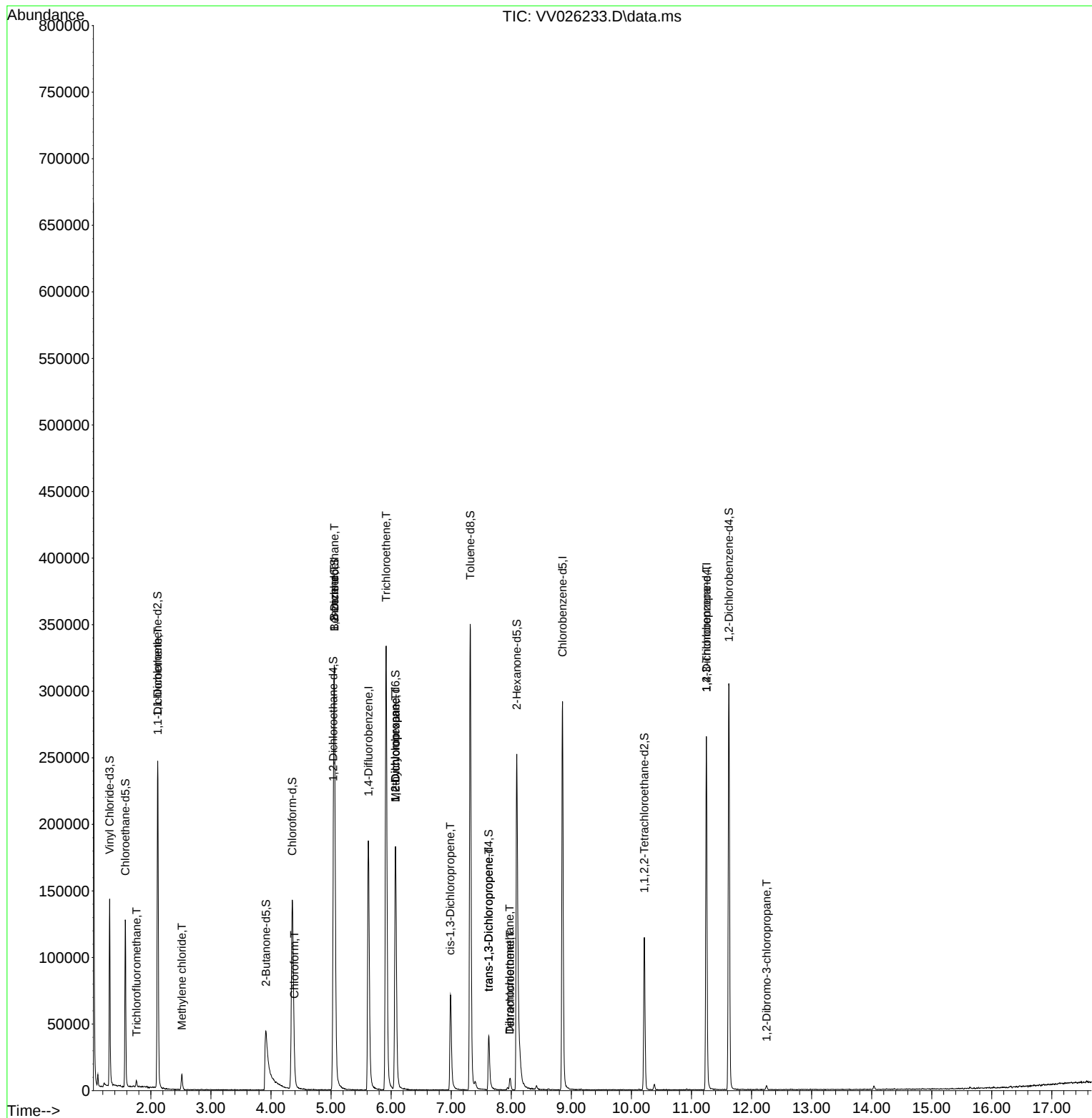
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	170455	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	169690	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70226	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	95273	4.274	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.574	69	80898	4.608	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.114	63	129182	3.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.915	46	116994	70.351	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.700%#
24) Chloroform-d	4.355	84	150294	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.037	65	68619	5.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.056	84	301397	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.072	67	94611	4.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.317	98	242815	4.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.625	79	26314	4.570	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.091	63	95322	53.169	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.340%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	57269	5.039	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	81824	5.198	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.761	101	2880	0.120	ug/L	93
12) 1,1-Dichloroethene	2.117	96	1045	0.080	ug/L #	1
16) Methylene chloride	2.516	84	4747	0.353	ug/L	94
25) Chloroform	4.387	83	6660	0.266	ug/L	99
27) 1,2-Dichloroethane	5.056	62	1742	0.150	ug/L #	73
33) Benzene	5.053	78	2445	0.048	ug/L	100
34) Trichloroethene	5.918	95	120156	8.669	ug/L	96
35) Methylcyclohexane	6.072	83	23038	1.229	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	9896	0.744	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1868	0.126	ug/L #	56
44) trans-1,3-Dichloropropene	7.625	75	1110	0.095	ug/L	84
47) Tetrachloroethene	7.982	164	2177	0.219	ug/L	85
49) Dibromochloromethane	7.976	129	1900	0.208	ug/L #	13
61) 1,2,3-Trichloropropane	11.249	75	8356	1.551	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.249	75	125	0.132	ug/L #	4

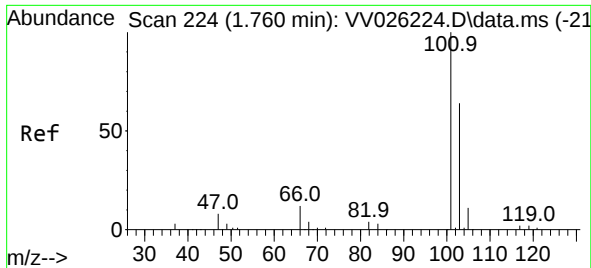
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061422\
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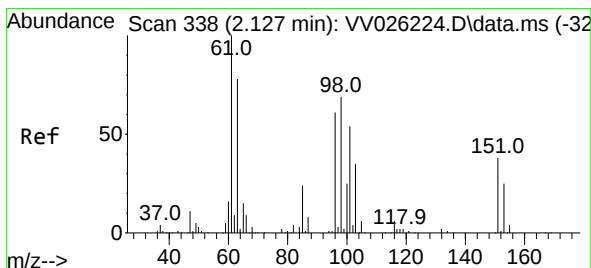
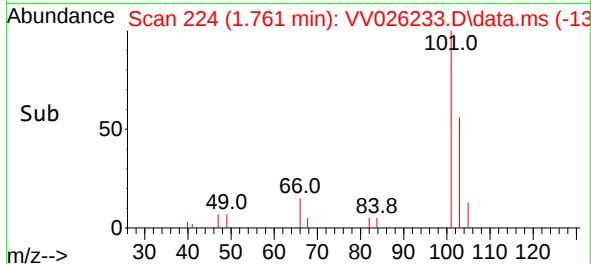
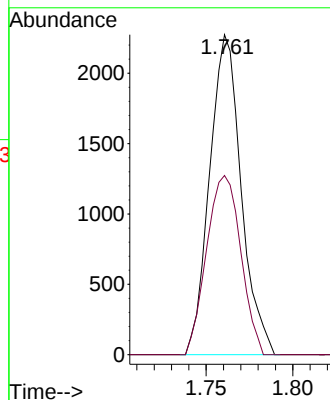
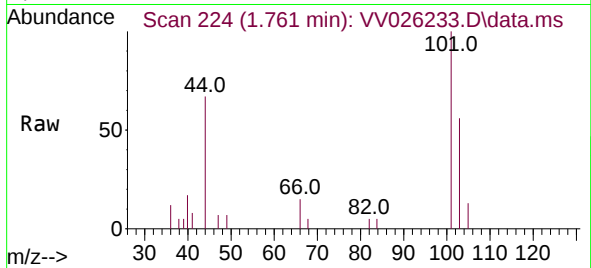




#9
 Trichlorofluoromethane
 Concen: 0.120 ug/L
 RT: 1.761 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV026233.D
 Acq: 14 Jun 2022 13:44

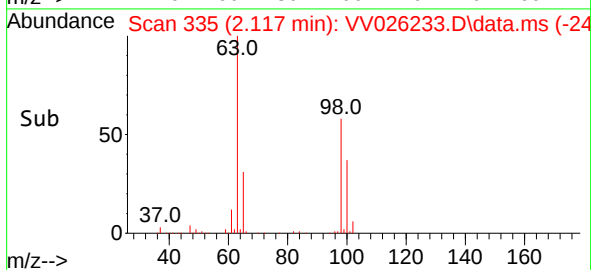
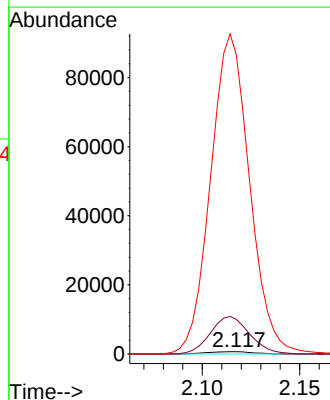
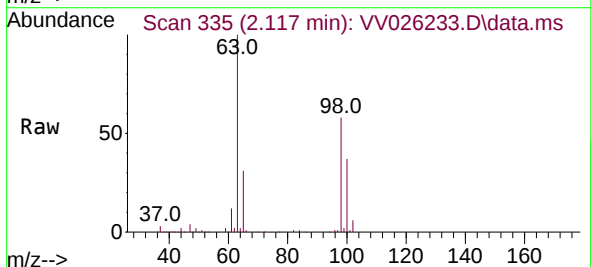
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B57DL2

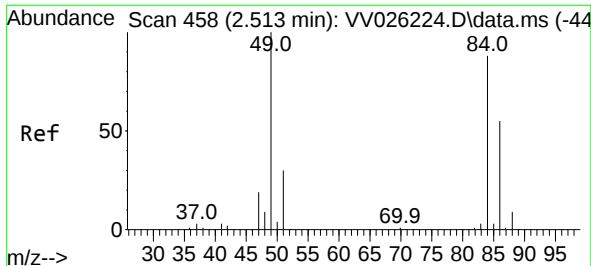
Tgt Ion:101 Resp: 2880
 Ion Ratio Lower Upper
 101 100
 103 60.6 52.9 79.3



#12
 1,1-Dichloroethene
 Concen: 0.080 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.010 min
 Lab File: VV026233.D
 Acq: 14 Jun 2022 13:44

Tgt Ion: 96 Resp: 1045
 Ion Ratio Lower Upper
 96 100
 61 1508.7 120.5 223.7#
 63 12970.3 129.3 240.1#

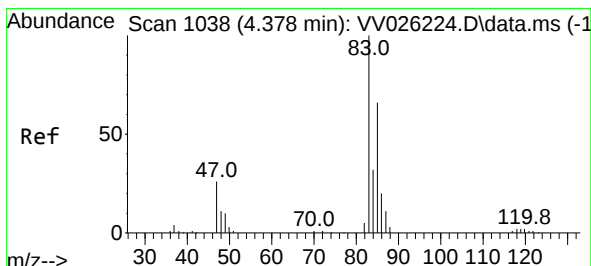
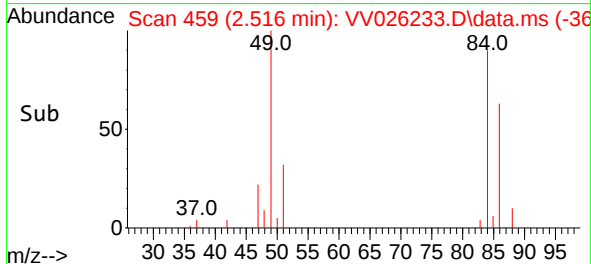
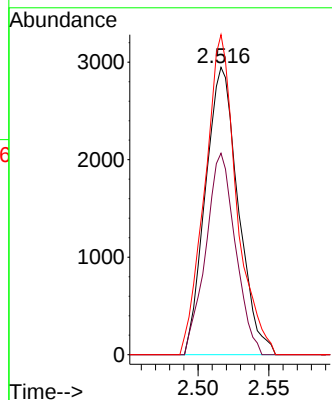
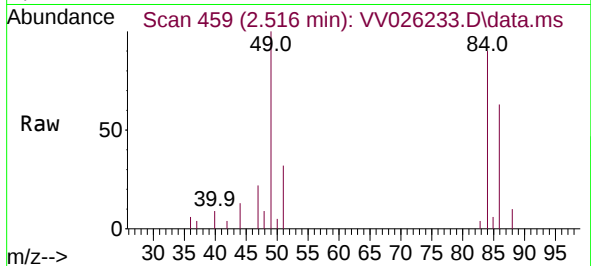




#16
Methylene chloride
Concen: 0.353 ug/L
RT: 2.516 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026233.D
Acq: 14 Jun 2022 13:44

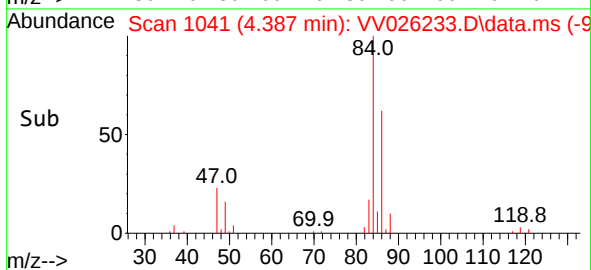
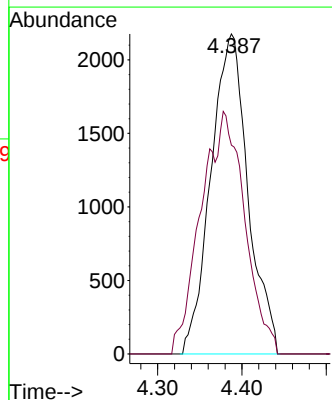
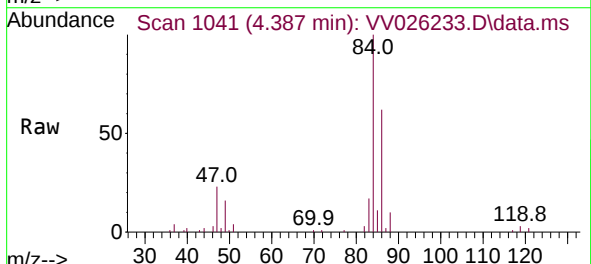
Instrument :
MSVOA_V
ClientSampleId :
C0B57DL2

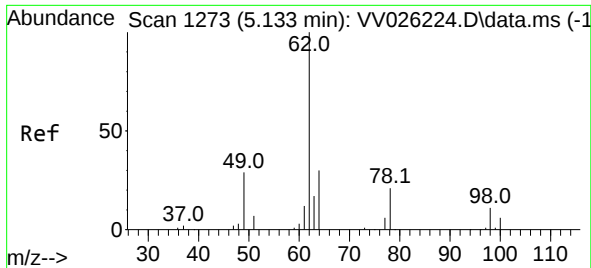
Tgt Ion: 84 Resp: 4747
Ion Ratio Lower Upper
84 100
86 70.1 45.1 83.7
49 111.4 82.3 152.9



#25
Chloroform
Concen: 0.266 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.010 min
Lab File: VV026233.D
Acq: 14 Jun 2022 13:44

Tgt Ion: 83 Resp: 6660
Ion Ratio Lower Upper
83 100
85 65.3 45.3 84.1





#27

1,2-Dichloroethane

Concen: 0.150 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.077 min

Lab File: VV026233.D

Acq: 14 Jun 2022 13:44

Instrument :

MSVOA_V

ClientSampleId :

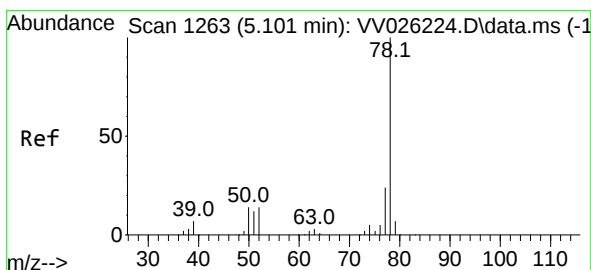
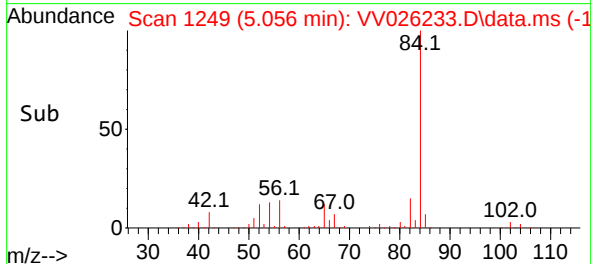
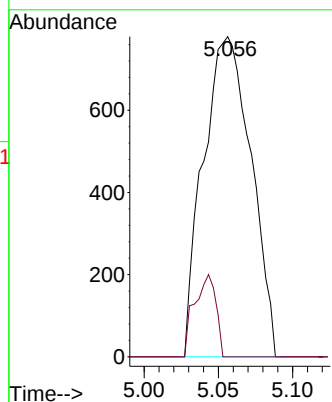
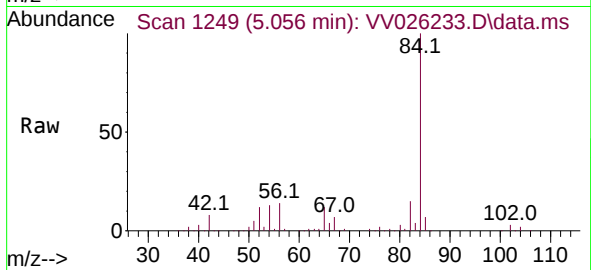
C0B57DL2

Tgt Ion: 62 Resp: 1742

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#33

Benzene

Concen: 0.048 ug/L

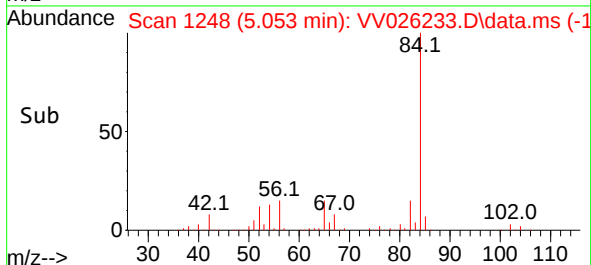
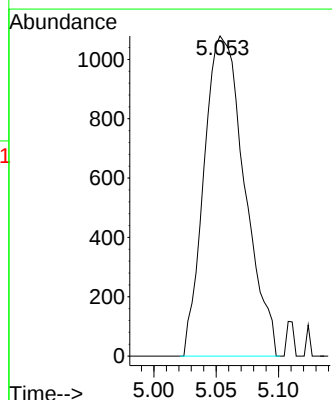
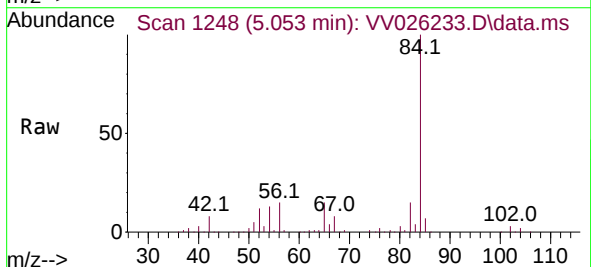
RT: 5.053 min Scan# 1248

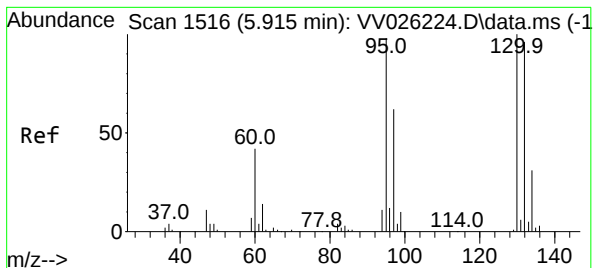
Delta R.T. -0.048 min

Lab File: VV026233.D

Acq: 14 Jun 2022 13:44

Tgt Ion: 78 Resp: 2445





#34

Trichloroethene

Concen: 8.669 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026233.D

Acq: 14 Jun 2022 13:44

Instrument :

MSVOA_V

ClientSampleId :

C0B57DL2

Tgt Ion: 95 Resp: 120156

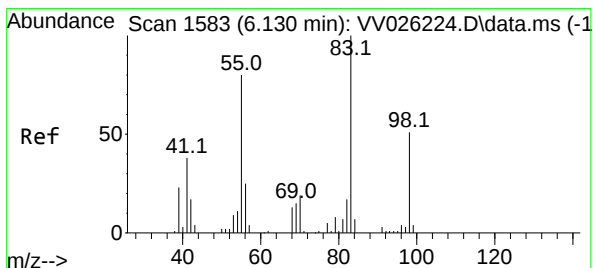
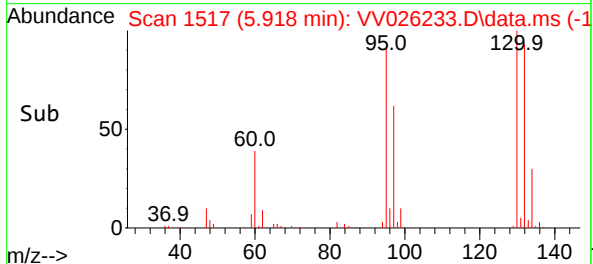
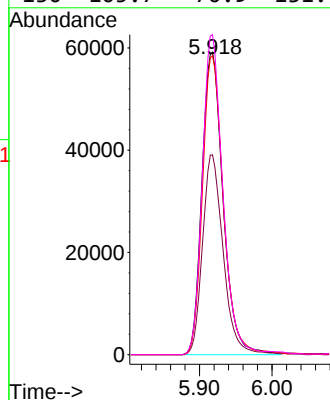
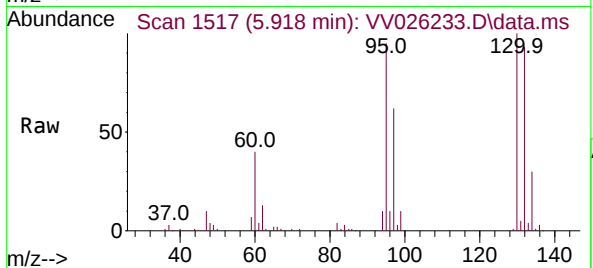
Ion Ratio Lower Upper

95 100

97 66.0 43.3 80.3

132 98.8 67.5 125.4

130 105.7 70.9 131.7



#35

Methylcyclohexane

Concen: 1.229 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV026233.D

Acq: 14 Jun 2022 13:44

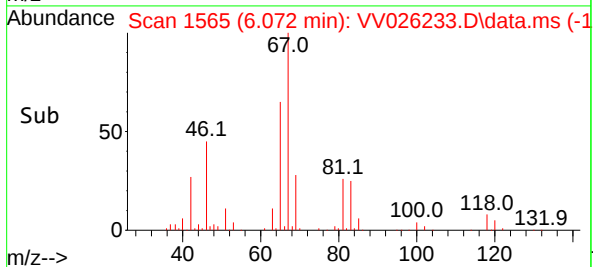
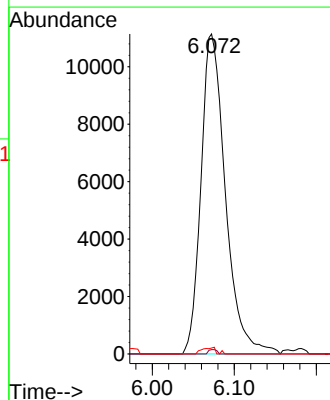
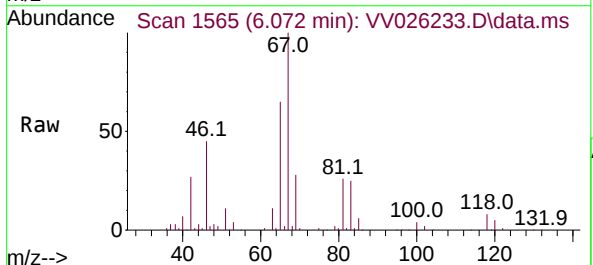
Tgt Ion: 83 Resp: 23038

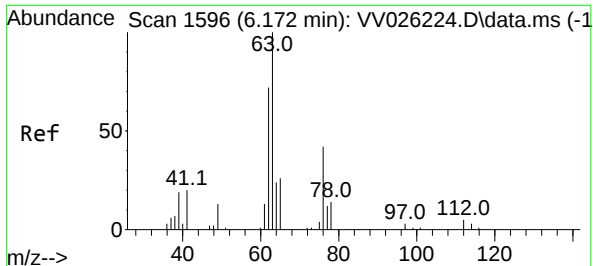
Ion Ratio Lower Upper

83 100

55 0.5 59.5 89.3#

98 1.0 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.744 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026233.D

Acq: 14 Jun 2022 13:44

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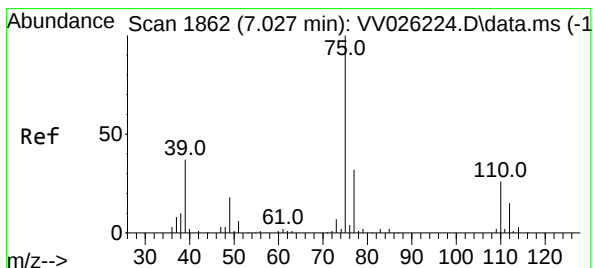
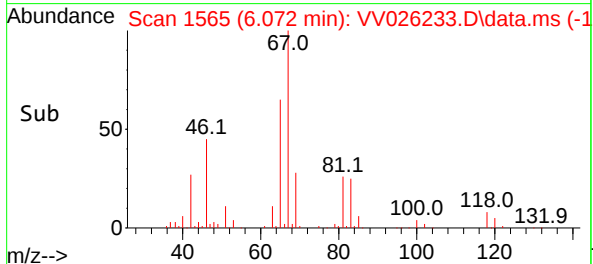
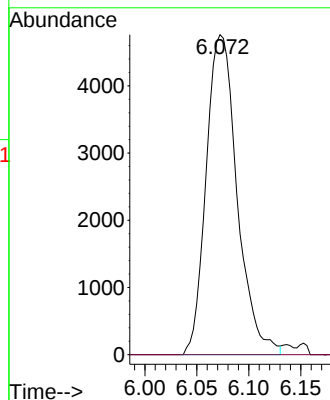
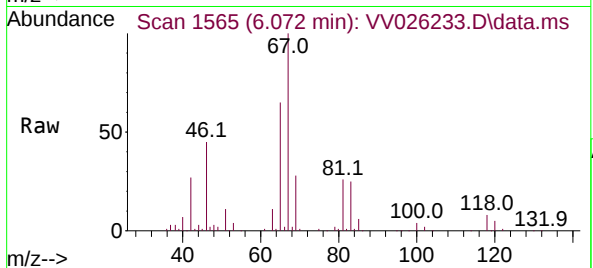
C0B57DL2

Tgt Ion: 63 Resp: 9896

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV026233.D

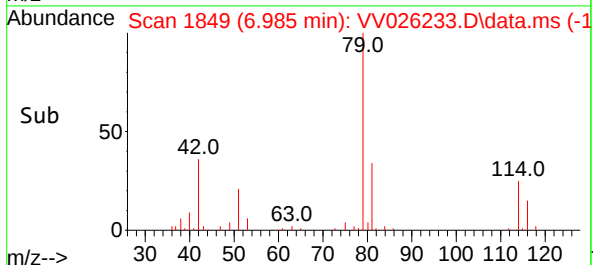
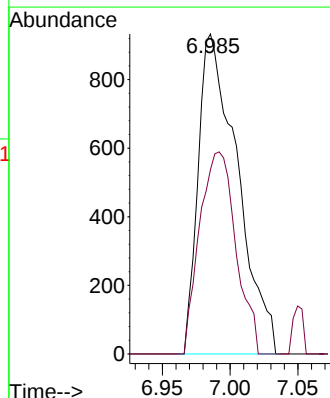
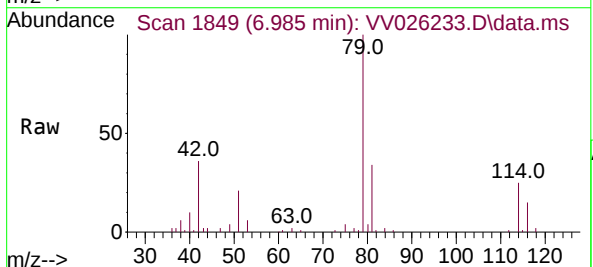
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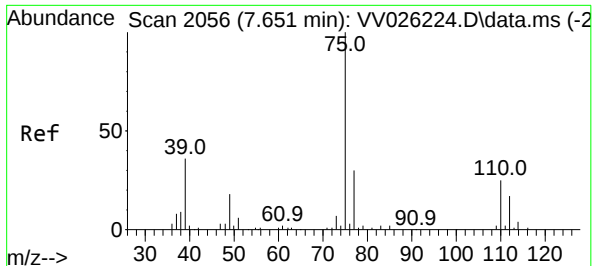
Tgt Ion: 75 Resp: 1868

Ion Ratio Lower Upper

75 100

77 57.6 22.9 42.5#

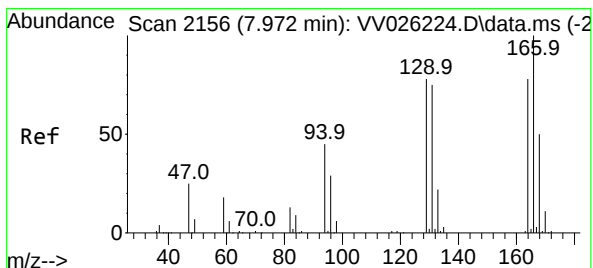
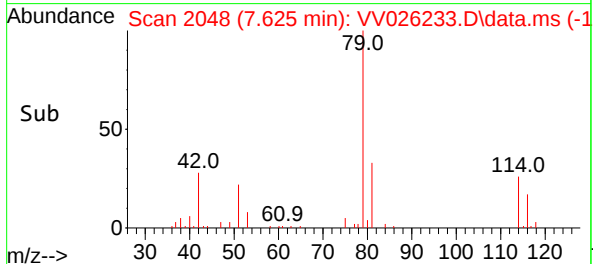
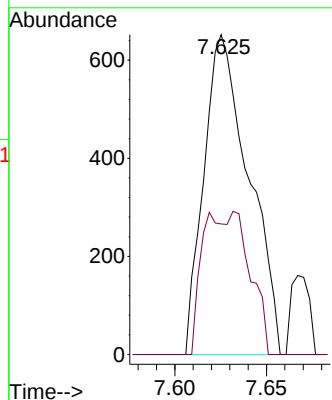
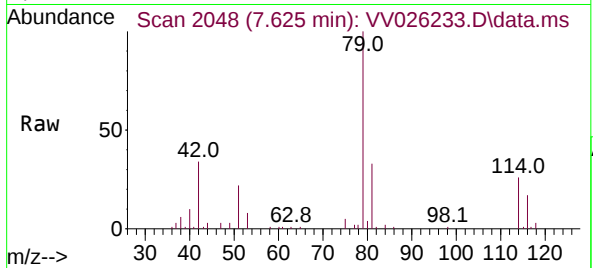




#44
trans-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.625 min Scan# 2056
Delta R.T. -0.026 min
Lab File: VV026233.D
Acq: 14 Jun 2022 13:44

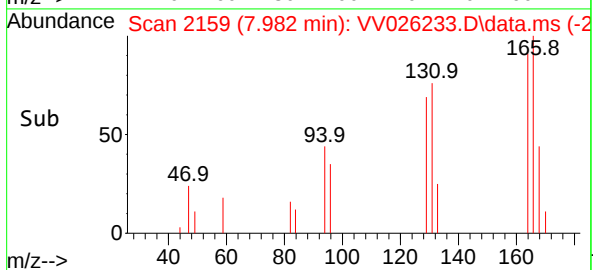
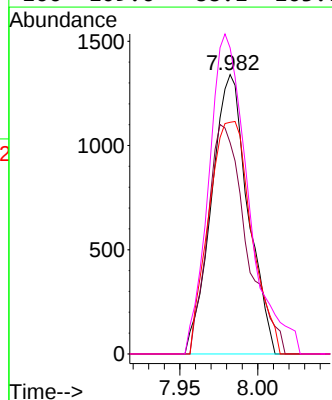
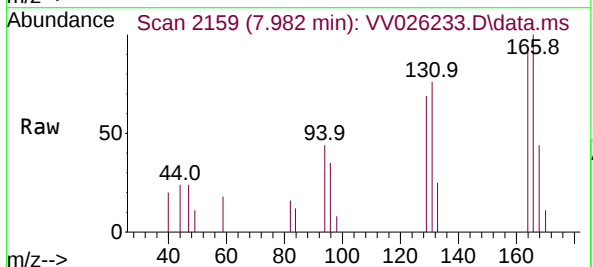
Instrument :
MSVOA_V
ClientSampleId :
C0B57DL2

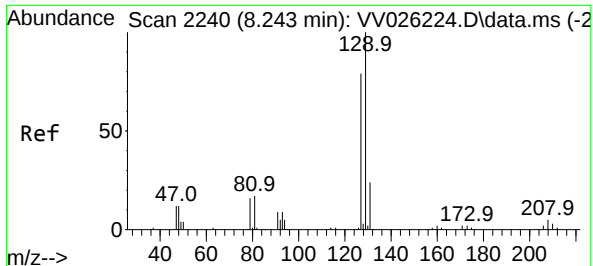
Tgt Ion: 75 Resp: 1110
Ion Ratio Lower Upper
75 100
77 40.8 22.3 41.3



#47
Tetrachloroethene
Concen: 0.219 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.010 min
Lab File: VV026233.D
Acq: 14 Jun 2022 13:44

Tgt Ion: 164 Resp: 2177
Ion Ratio Lower Upper
164 100
129 75.6 66.1 122.7
131 82.9 65.0 120.6
166 109.6 88.1 163.7





#49

Dibromochloromethane

Concen: 0.208 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV026233.D

Acq: 14 Jun 2022 13:44

Instrument :

MSVOA_V

ClientSampleId :

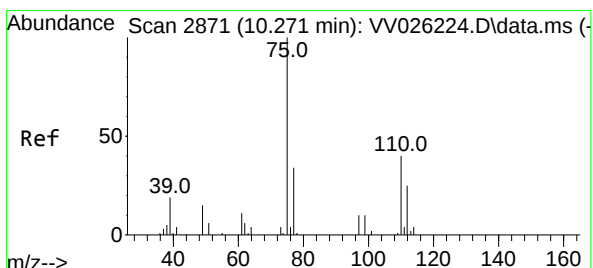
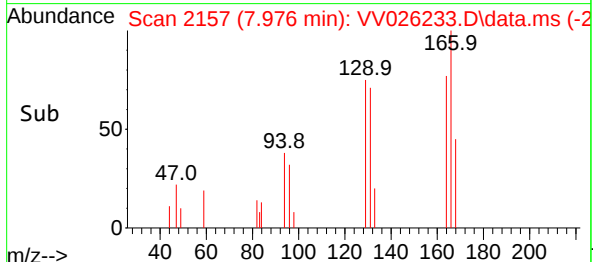
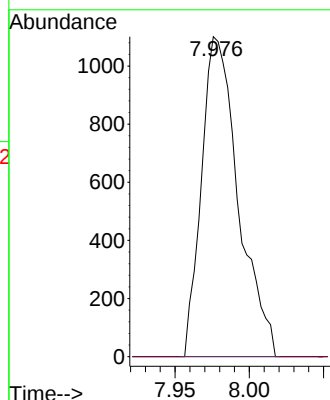
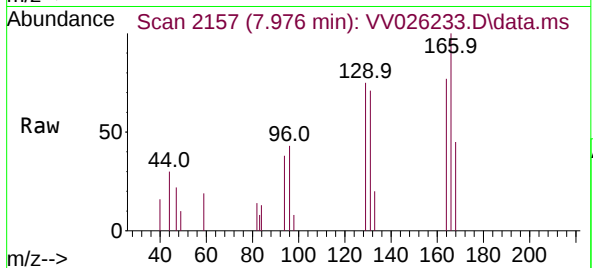
C0B57DL2

Tgt Ion:129 Resp: 1900

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#



#61

1,2,3-Trichloropropane

Concen: 1.551 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV026233.D

Acq: 14 Jun 2022 13:44

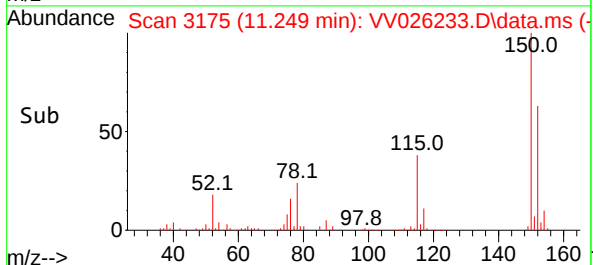
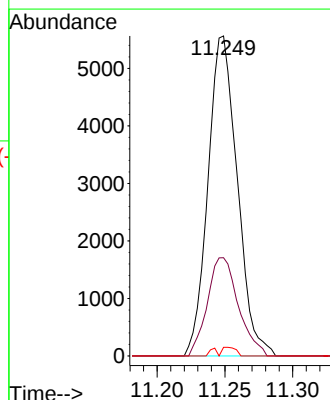
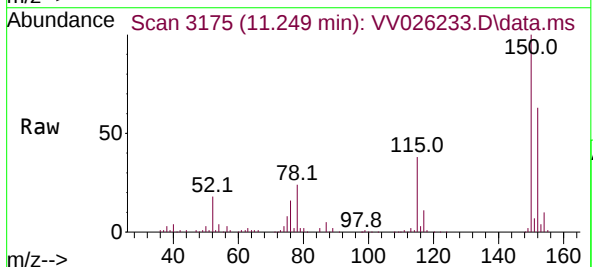
Tgt Ion: 75 Resp: 8356

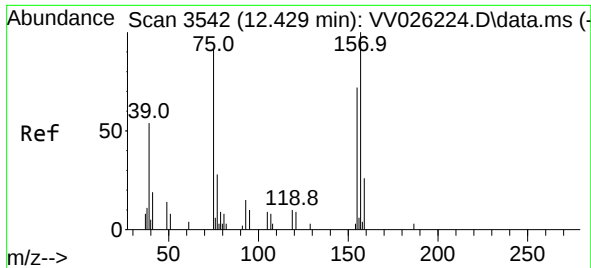
Ion Ratio Lower Upper

75 100

77 32.6 27.8 41.8

110 1.3 33.0 49.4#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.132 ug/L

RT: 12.249 min Scan# 34

Delta R.T. -0.180 min

Lab File: VV026233.D

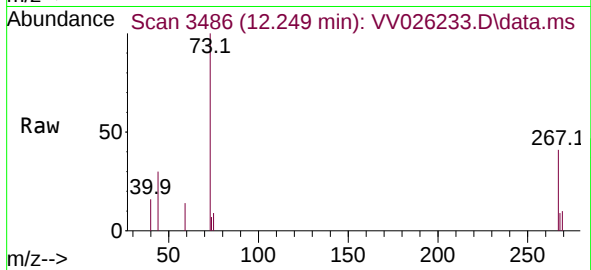
Acq: 14 Jun 2022 13:44

Instrument :

MSVOA_V

ClientSampleId :

C0B57DL2



Tgt Ion: 75 Resp: 125

Ion Ratio Lower Upper

75 100

155 0.0 67.0 100.6#

157 0.0 77.7 116.5#

