

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061422\
 Data File : VV026231.D
 Acq On : 14 Jun 2022 12:56
 Operator : SY/MD
 Sample : N3272-13DL 2000X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B57DL

Quant Time: Jun 15 05:49:11 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)

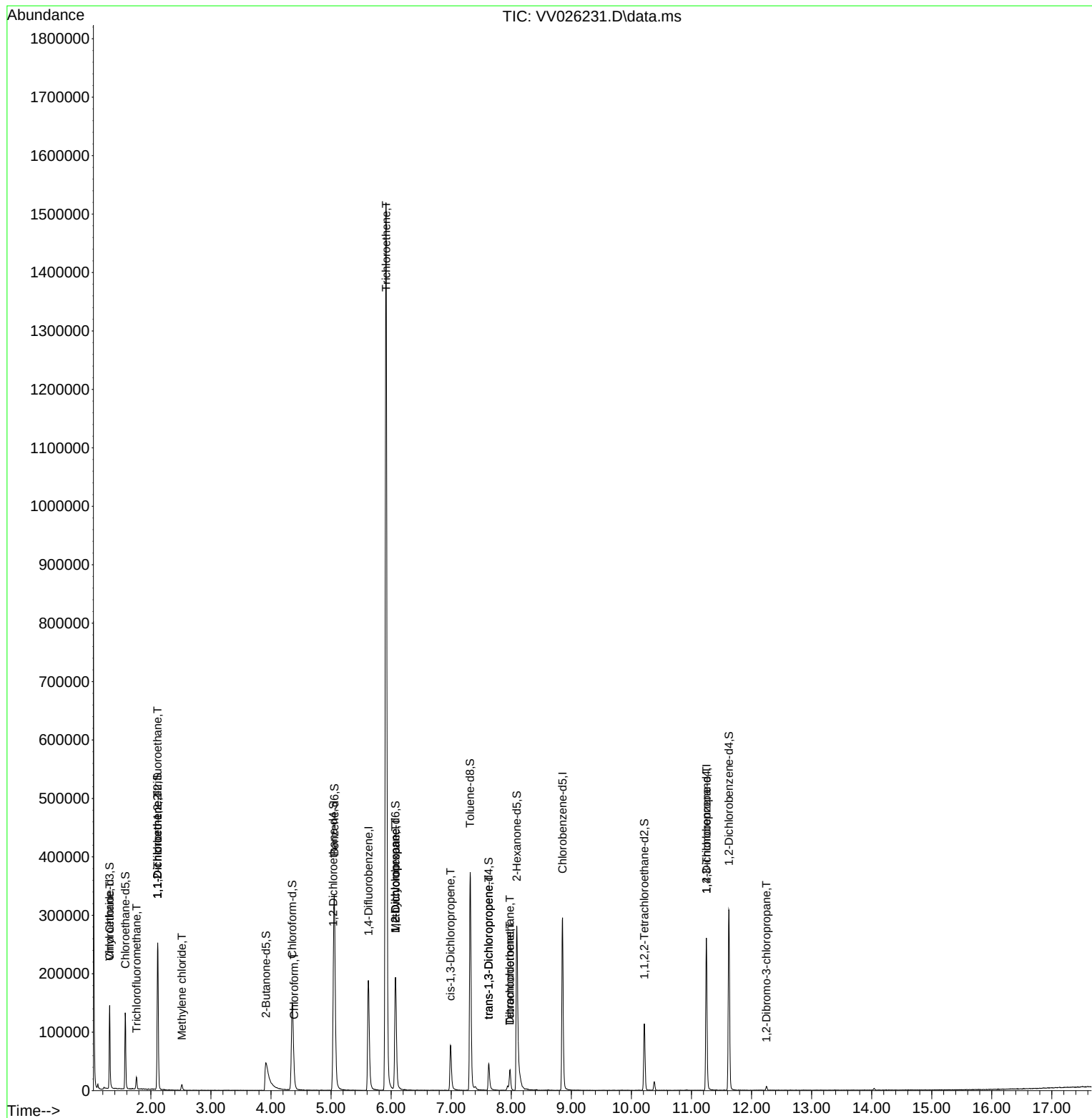
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	169519	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	166785	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69342	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	95481	4.307	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.574	69	83238	4.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.114	63	133240	3.738	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.915	46	125550	75.913	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	151.820%#
24) Chloroform-d	4.355	84	158008	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.037	65	73695	5.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.200%
32) Benzene-d6	5.056	84	313611	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.072	67	99406	5.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.317	98	252483	4.361	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.625	79	28300	5.001	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.091	63	104498	59.302	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.600%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	58914	5.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	82177	5.287	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
8) Chloroethane	1.314	64	806	0.073	ug/L #	1
9) Trichlorofluoromethane	1.761	101	11509	0.482	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1272	0.094	ug/L #	21
12) 1,1-Dichloroethene	2.114	96	1085	0.084	ug/L #	1
16) Methylene chloride	2.516	84	4027	0.301	ug/L	96
25) Chloroform	4.384	83	6519	0.262	ug/L	86
34) Trichloroethene	5.915	95	537088	39.424	ug/L	98
35) Methylcyclohexane	6.072	83	23994	1.303	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	10362	0.793	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	2106	0.144	ug/L #	50
44) trans-1,3-Dichloropropene	7.625	75	1228	0.107	ug/L	84
47) Tetrachloroethene	7.979	164	8608	0.880	ug/L	93
49) Dibromochloromethane	7.979	129	7596	0.846	ug/L #	13
61) 1,2,3-Trichloropropane	11.249	75	8135	1.529	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.246	75	125	0.134	ug/L #	4

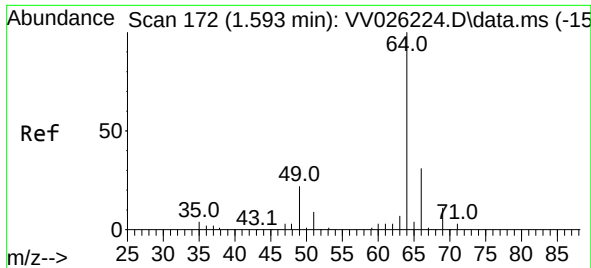
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061422\
Data File : VV026231.D
Acq On : 14 Jun 2022 12:56
Operator : SY/MD
Sample : N3272-13DL 2000X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0B57DL

Quant Time: Jun 15 05:49:11 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





#8

Chloroethane

Concen: 0.073 ug/L

RT: 1.314 min Scan# 81

Delta R.T. -0.280 min

Lab File: VV026231.D

Acq: 14 Jun 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

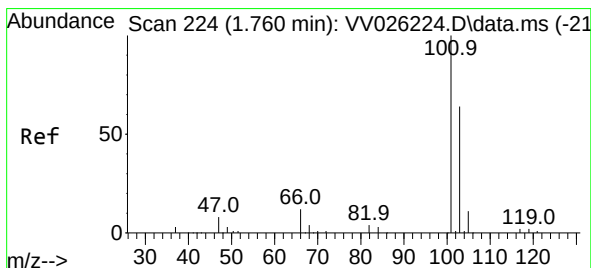
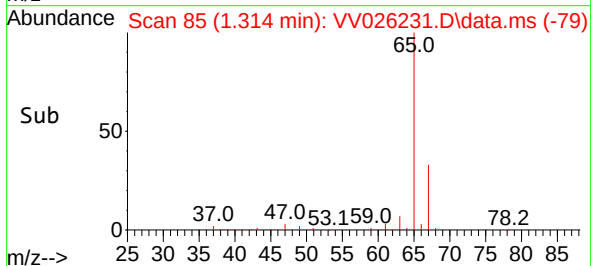
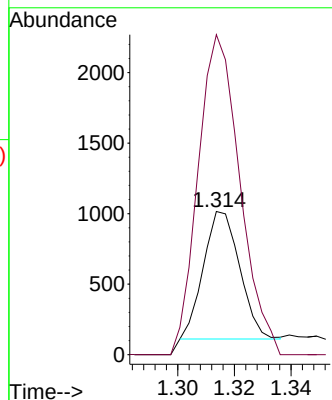
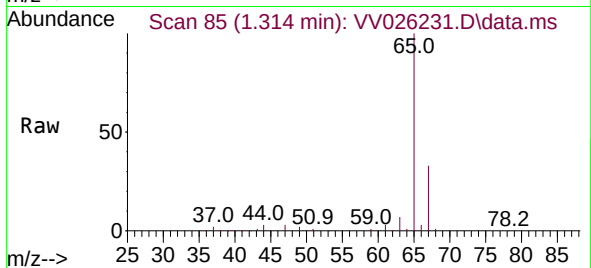
C0B57DL

Tgt Ion: 64 Resp: 806

Ion Ratio Lower Upper

64 100

66 223.3 22.4 41.6#



#9

Trichlorofluoromethane

Concen: 0.482 ug/L

RT: 1.761 min Scan# 224

Delta R.T. 0.000 min

Lab File: VV026231.D

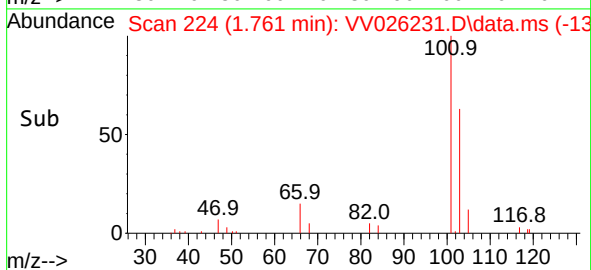
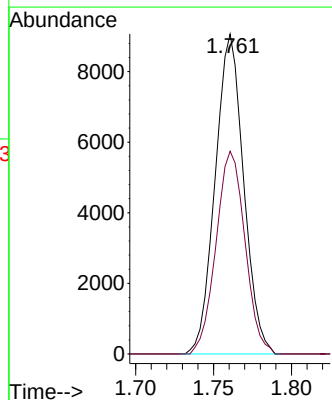
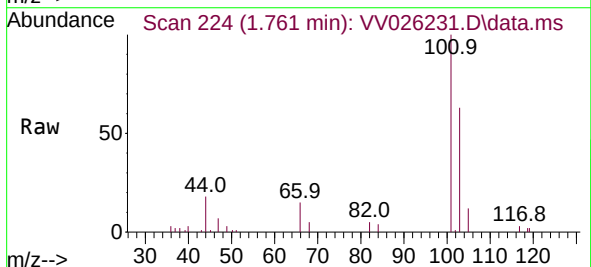
Acq: 14 Jun 2022 12:56

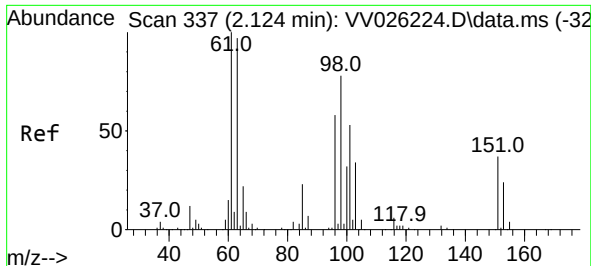
Tgt Ion:101 Resp: 11509

Ion Ratio Lower Upper

101 100

103 64.5 52.9 79.3

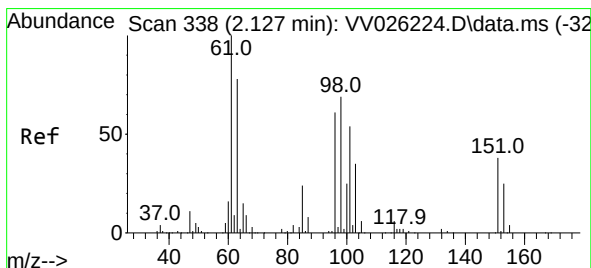
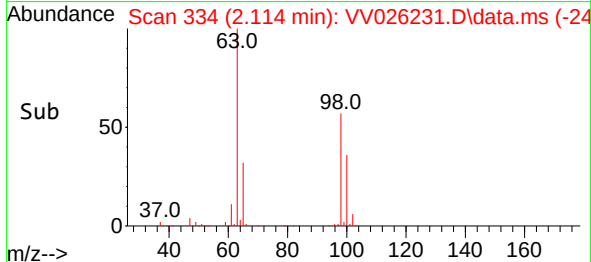
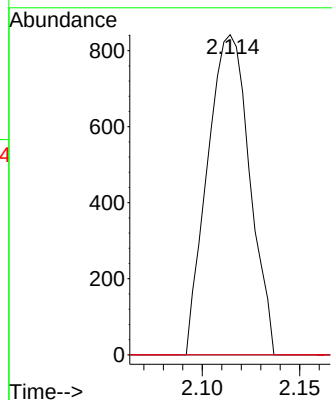
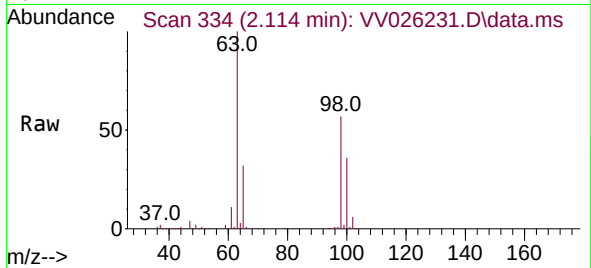




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.094 ug/L
RT: 2.114 min Scan# 337
Delta R.T. -0.010 min
Lab File: VV026231.D
Acq: 14 Jun 2022 12:56

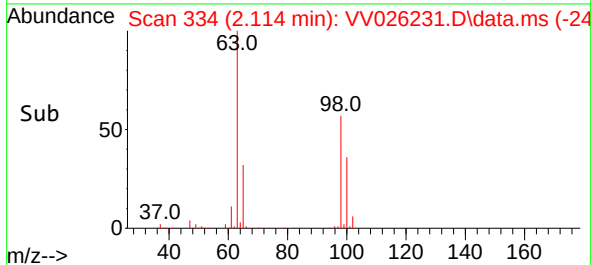
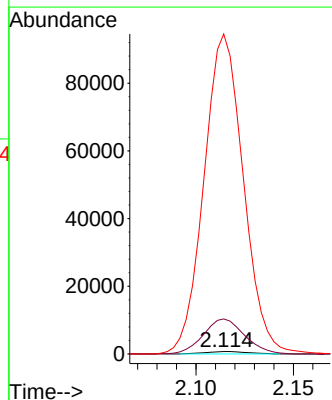
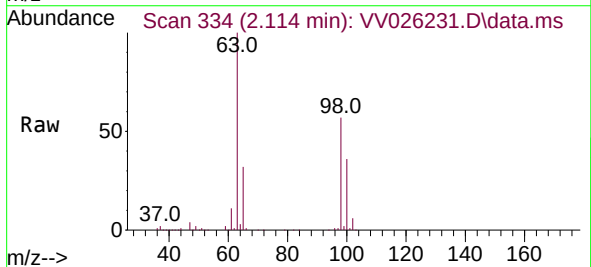
Instrument :
MSVOA_V
ClientSampleId :
C0B57DL

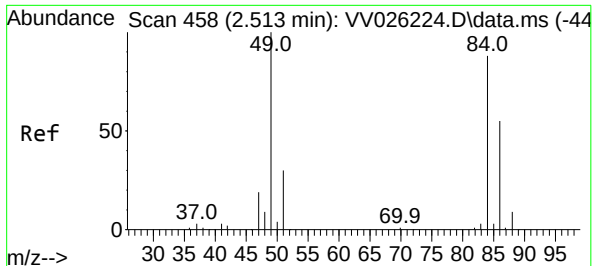
Tgt Ion:101 Resp: 1272
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 56.5 84.7#



#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.013 min
Lab File: VV026231.D
Acq: 14 Jun 2022 12:56

Tgt Ion: 96 Resp: 1085
Ion Ratio Lower Upper
96 100
61 1447.8 120.5 223.7#
63 13204.5 129.3 240.1#

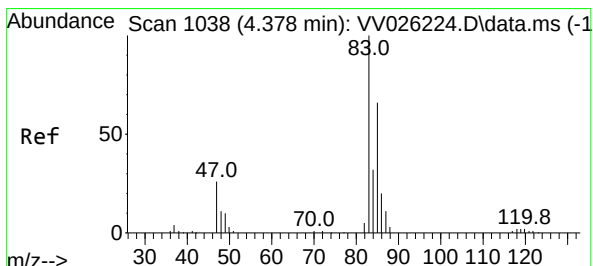
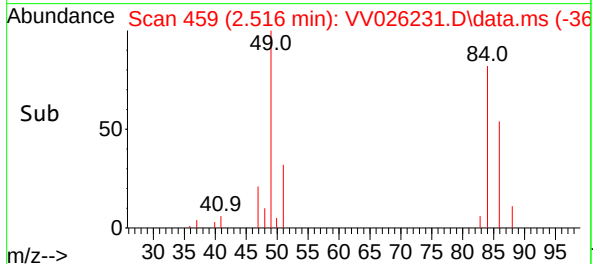
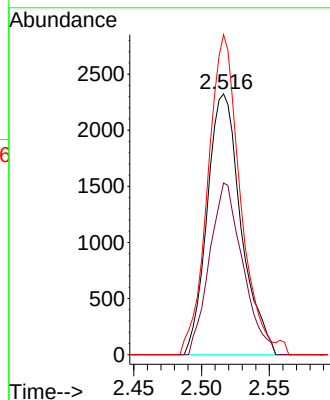
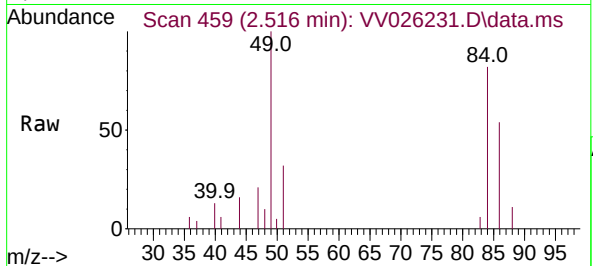




#16
Methylene chloride
Concen: 0.301 ug/L
RT: 2.516 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026231.D
Acq: 14 Jun 2022 12:56

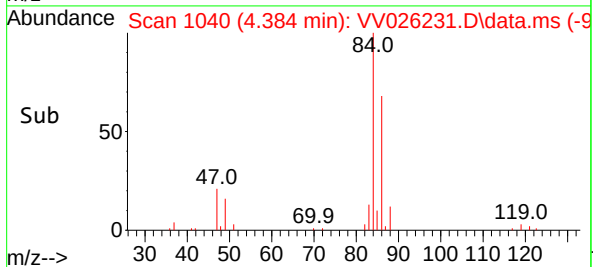
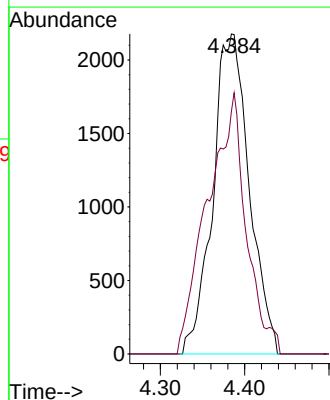
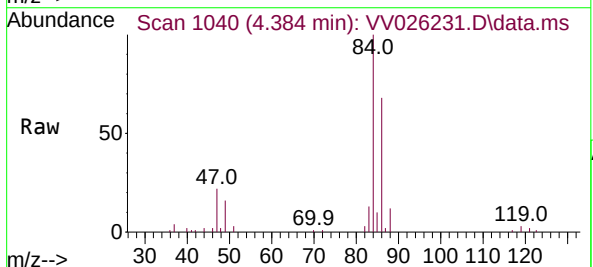
Instrument :
MSVOA_V
ClientSampleId :
C0B57DL

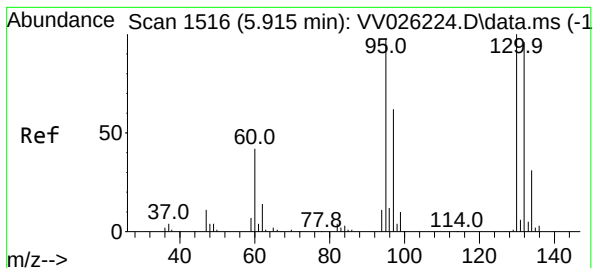
Tgt Ion: 84 Resp: 4027
Ion Ratio Lower Upper
84 100
86 65.8 45.1 83.7
49 122.7 82.3 152.9



#25
Chloroform
Concen: 0.262 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.007 min
Lab File: VV026231.D
Acq: 14 Jun 2022 12:56

Tgt Ion: 83 Resp: 6519
Ion Ratio Lower Upper
83 100
85 75.8 45.3 84.1





#34

Trichloroethene

Concen: 39.424 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026231.D

Acq: 14 Jun 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

C0B57DL

Tgt Ion: 95 Resp: 537088

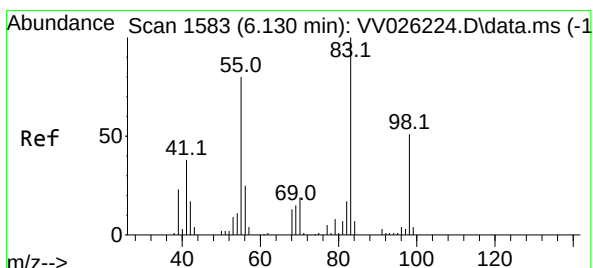
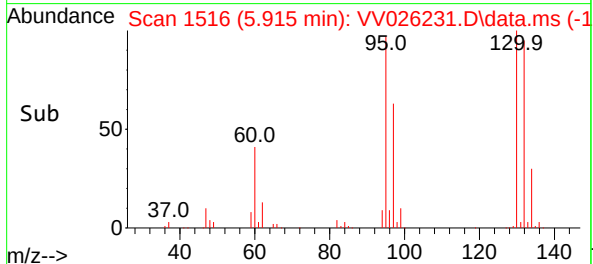
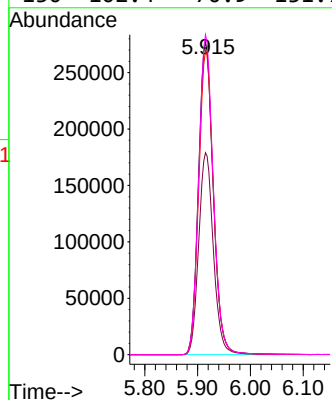
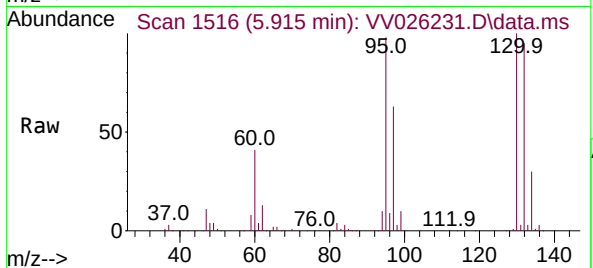
Ion Ratio Lower Upper

95 100

97 64.6 43.3 80.3

132 97.5 67.5 125.4

130 102.4 70.9 131.7



#35

Methylcyclohexane

Concen: 1.303 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV026231.D

Acq: 14 Jun 2022 12:56

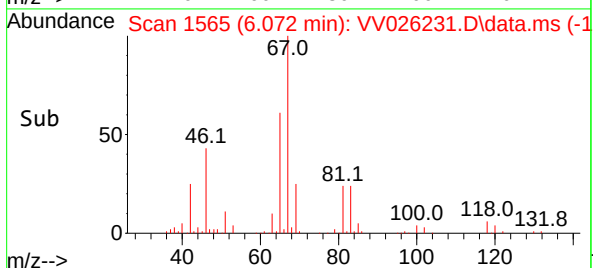
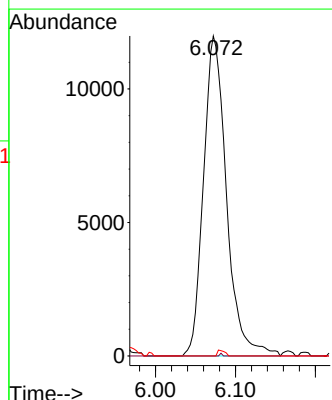
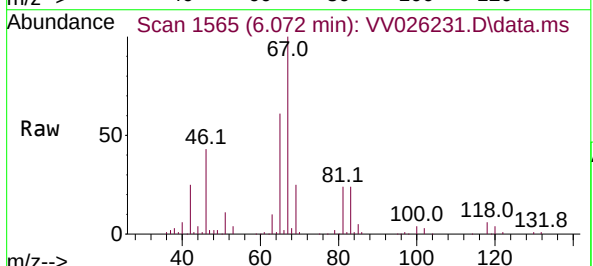
Tgt Ion: 83 Resp: 23994

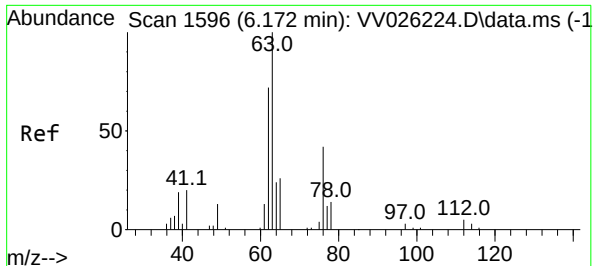
Ion Ratio Lower Upper

83 100

55 0.1 59.5 89.3#

98 0.0 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.793 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026231.D

Acq: 14 Jun 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

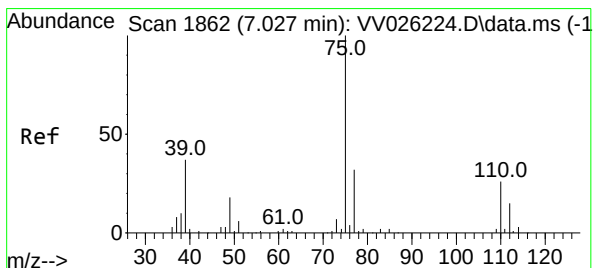
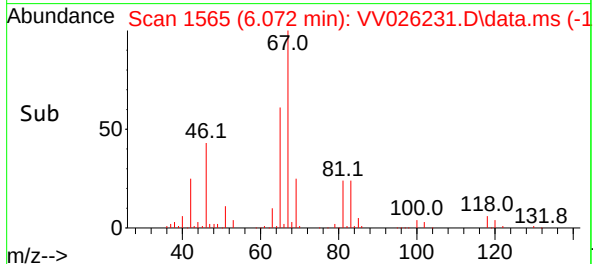
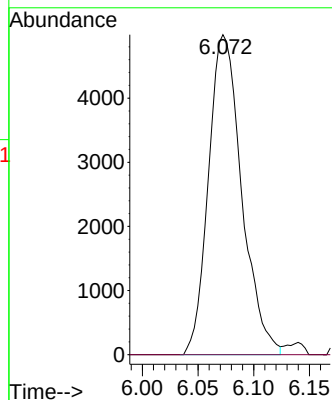
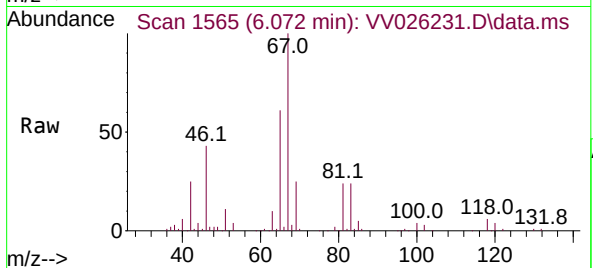
C0B57DL

Tgt Ion: 63 Resp: 10362

Ion Ratio Lower Upper

63 100

112 0.6 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.144 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.038 min

Lab File: VV026231.D

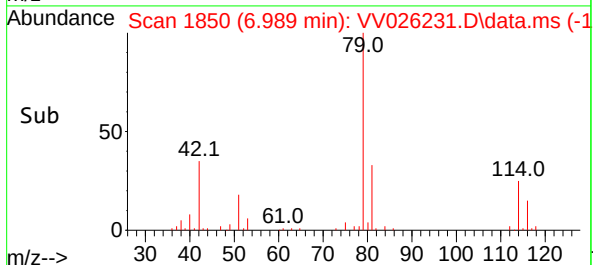
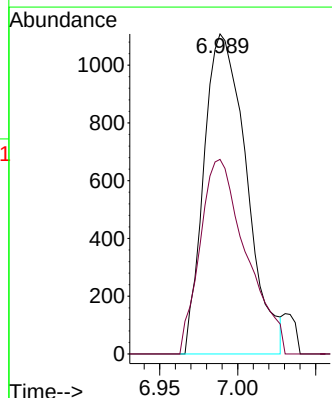
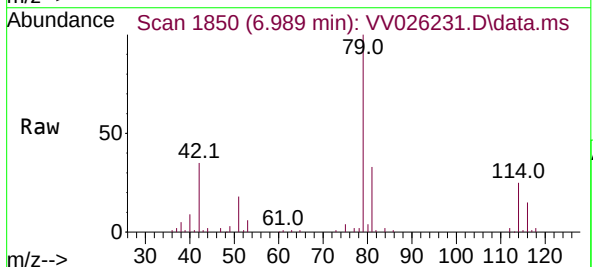
Acq: 14 Jun 2022 12:56

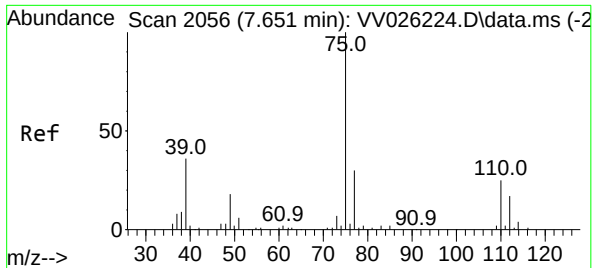
Tgt Ion: 75 Resp: 2106

Ion Ratio Lower Upper

75 100

77 60.8 22.9 42.5#

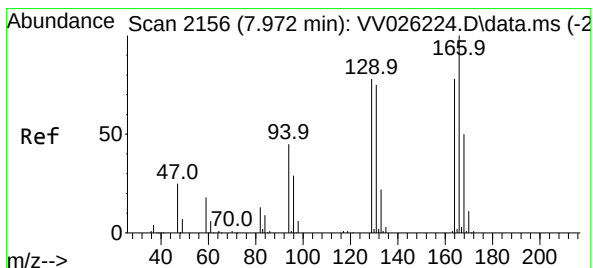
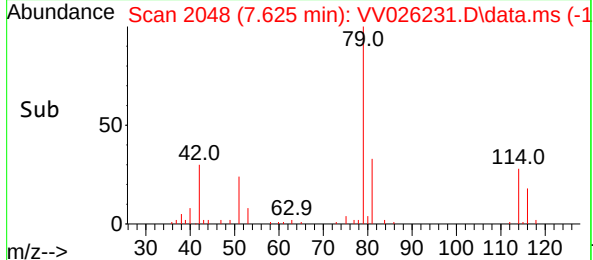
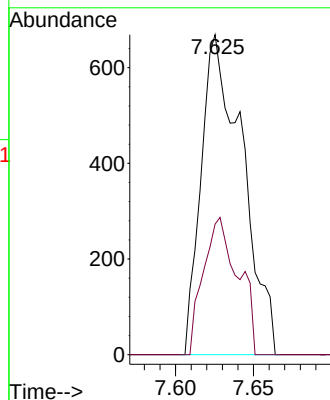
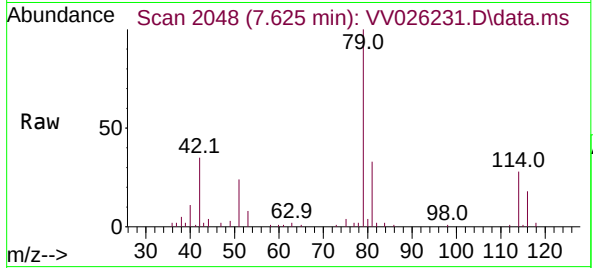




#44
trans-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 7.625 min Scan# 2056
Delta R.T. -0.026 min
Lab File: VV026231.D
Acq: 14 Jun 2022 12:56

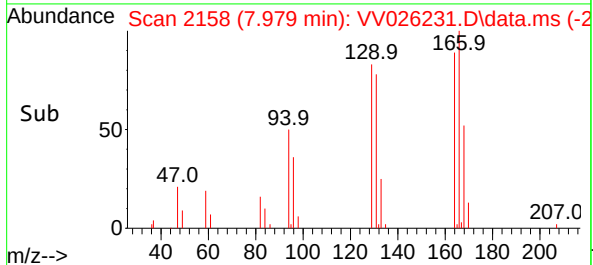
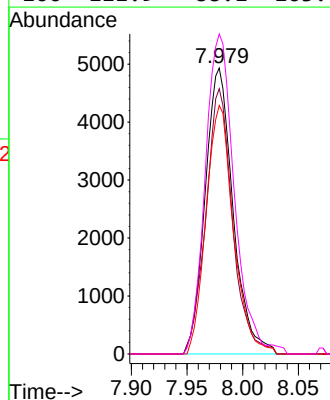
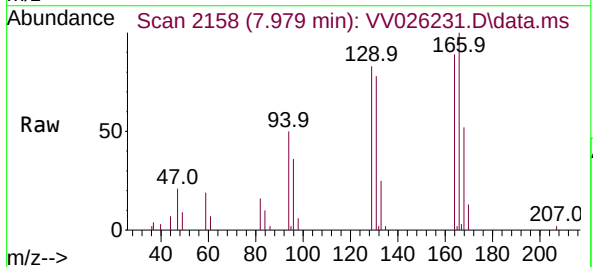
Instrument :
MSVOA_V
ClientSampleId :
C0B57DL

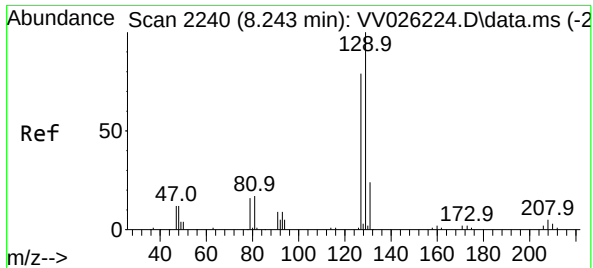
Tgt Ion: 75 Resp: 1228
Ion Ratio Lower Upper
75 100
77 40.8 22.3 41.3



#47
Tetrachloroethene
Concen: 0.880 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VV026231.D
Acq: 14 Jun 2022 12:56

Tgt Ion: 164 Resp: 8608
Ion Ratio Lower Upper
164 100
129 92.8 66.1 122.7
131 86.9 65.0 120.6
166 111.9 88.1 163.7





#49

Dibromochloromethane

Concen: 0.846 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV026231.D

Acq: 14 Jun 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

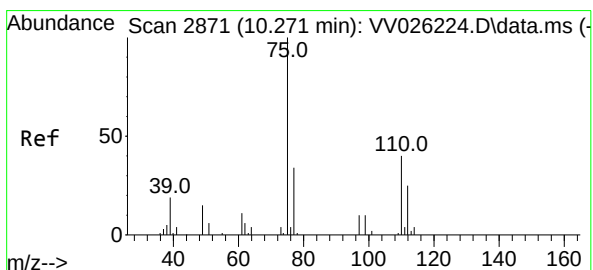
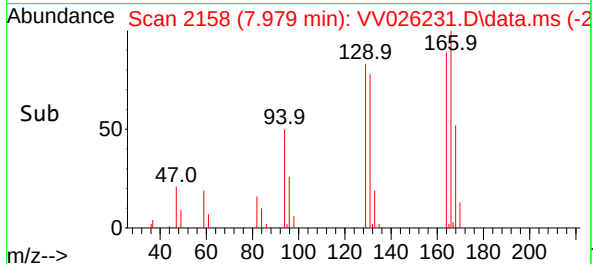
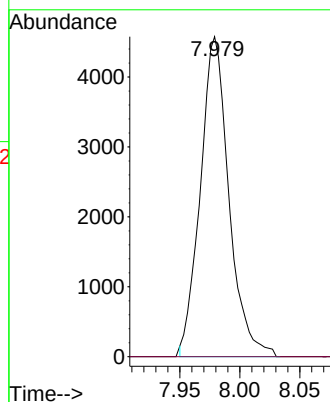
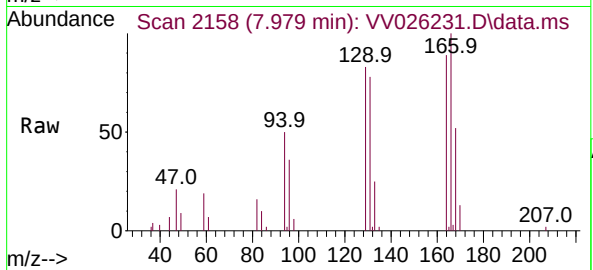
C0B57DL

Tgt Ion:129 Resp: 7596

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#



#61

1,2,3-Trichloropropane

Concen: 1.529 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV026231.D

Acq: 14 Jun 2022 12:56

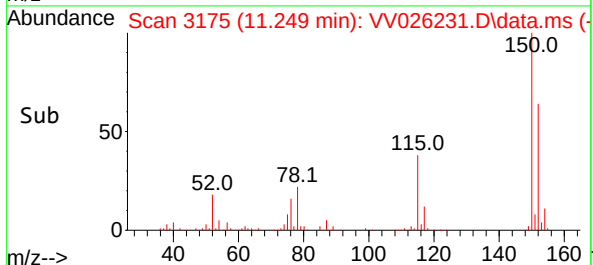
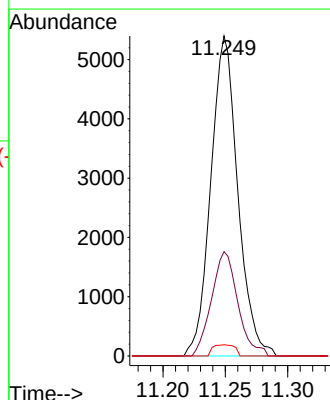
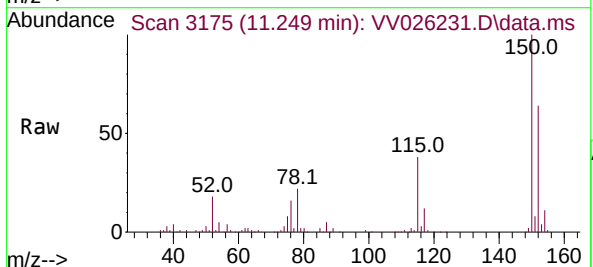
Tgt Ion: 75 Resp: 8135

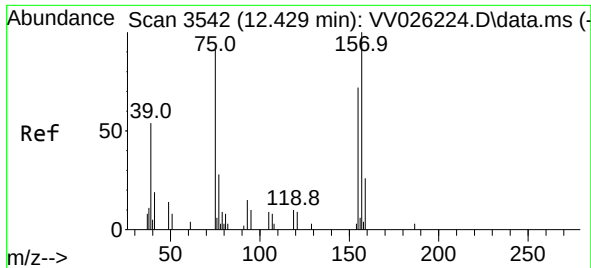
Ion Ratio Lower Upper

75 100

77 31.8 27.8 41.8

110 2.8 33.0 49.4#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.134 ug/L

RT: 12.246 min Scan# 34

Delta R.T. -0.183 min

Lab File: VV026231.D

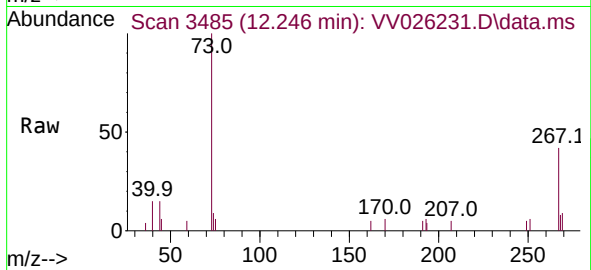
Acq: 14 Jun 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

C0B57DL



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#

