

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110121\
 Data File : VW023110.D
 Acq On : 01 Nov 2021 12:33
 Operator : SY/MD
 Sample : M4364-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

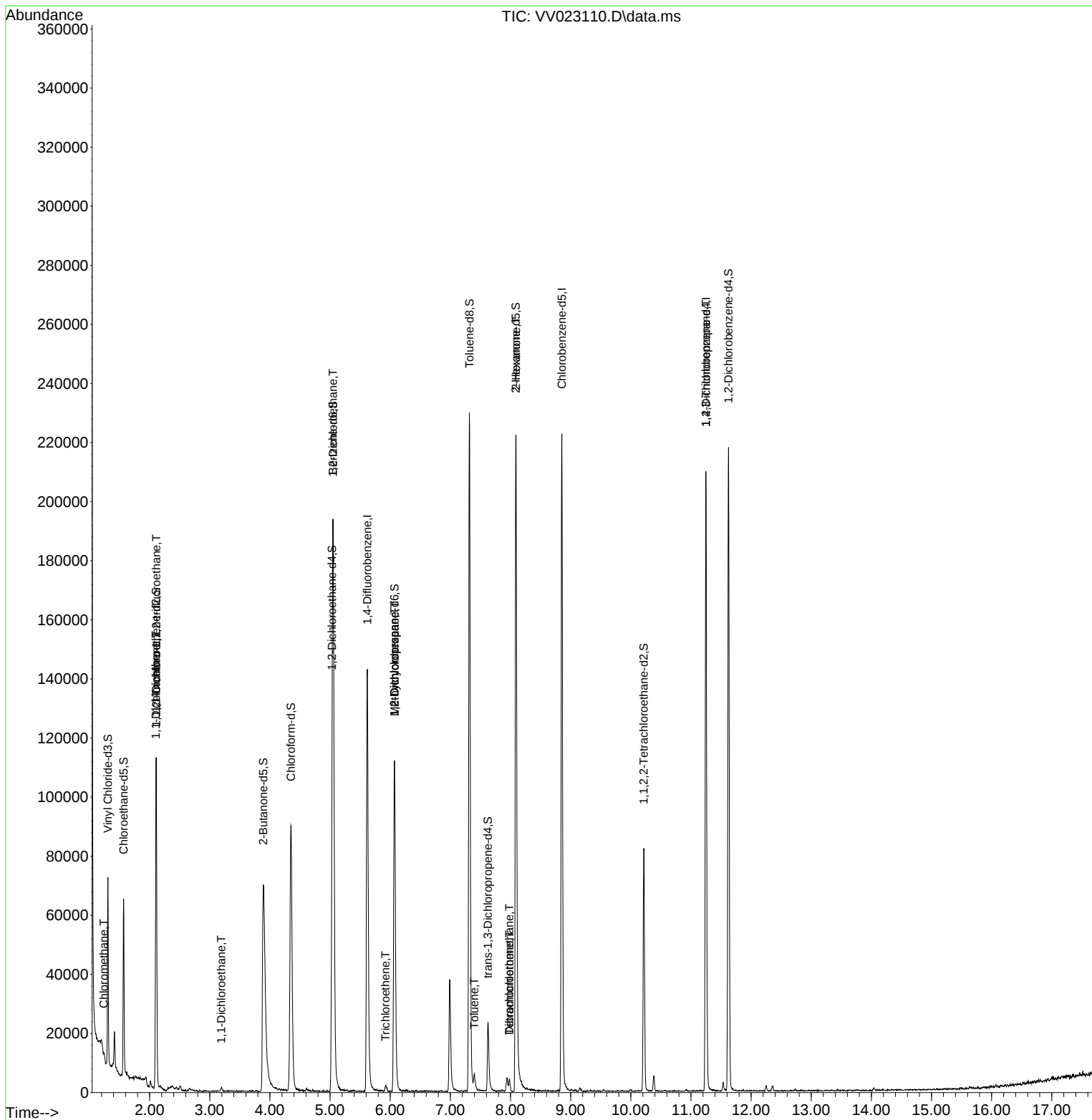
Quant Time: Nov 02 01:14:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 01:11:36 2021
 Response via : Initial Calibration

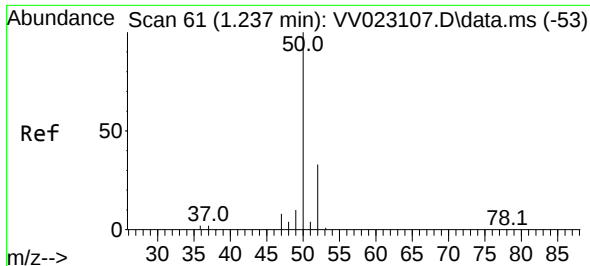
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125103	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38507	3.523	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.568	69	35097	5.190	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.108	63	58266	3.695	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.889	46	100832	57.500	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.000%
24) Chloroform-d	4.349	84	95687	5.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	5.034	65	44935	5.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.050	84	179663	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.072	67	55295	4.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.317	98	152913	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.625	79	13938	3.530	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.088	63	72189	49.382	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38638	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	57677	5.661	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	816	0.095	ug/L #	80
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	696	0.102	ug/L #	37
12) 1,1-Dichloroethene	2.105	96	530	0.083	ug/L #	1
19) 1,1-Dichloroethane	3.191	63	1437	0.114	ug/L #	76
27) 1,2-Dichloroethane	5.047	62	1074	0.123	ug/L #	72
34) Trichloroethene	5.921	95	556	0.066	ug/L	81
35) Methylcyclohexane	6.072	83	13764	1.134	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6371	0.749	ug/L #	83
42) Toluene	7.400	91	3740	0.109	ug/L	96
47) Tetrachloroethene	7.982	164	955	0.133	ug/L	93
48) 2-Hexanone	8.092	43	9467	3.185	ug/L #	81
49) Dibromochloromethane	7.982	129	929	0.131	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5899	1.468	ug/L #	65

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

Quant Time: Nov 02 01:14:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 02 01:11:36 2021
Response via : Initial Calibration

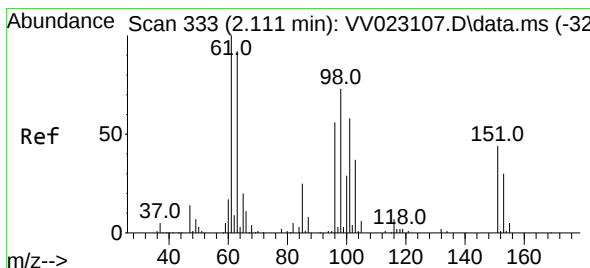
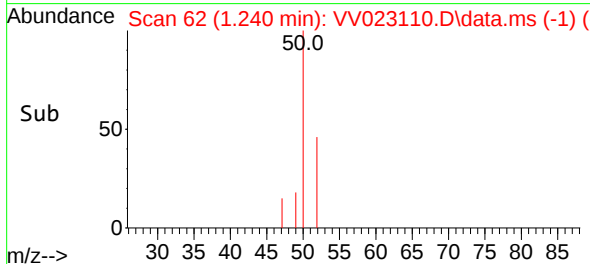
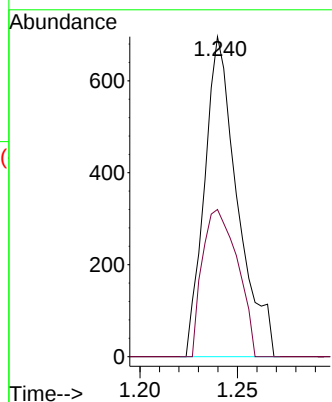
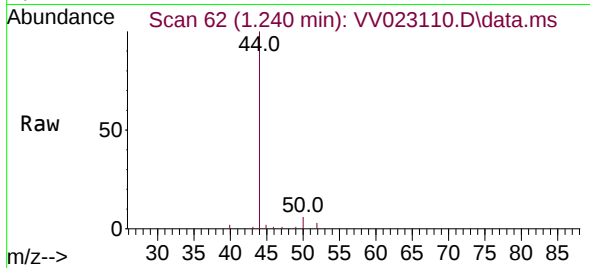




#3
Chloromethane
Concen: 0.095 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023110.D
Acq: 01 Nov 2021 12:33

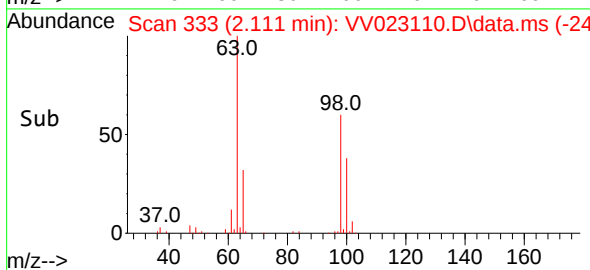
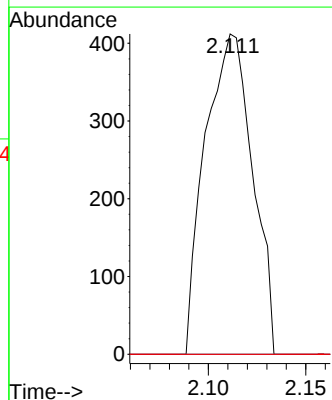
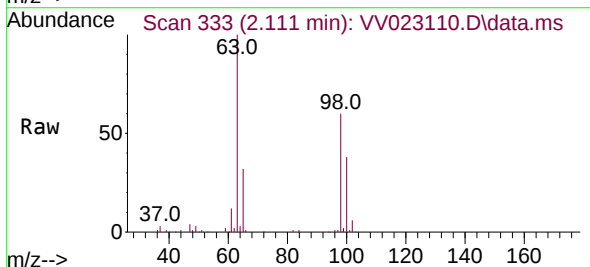
Instrument :
MSVOA_V
ClientSampleId :

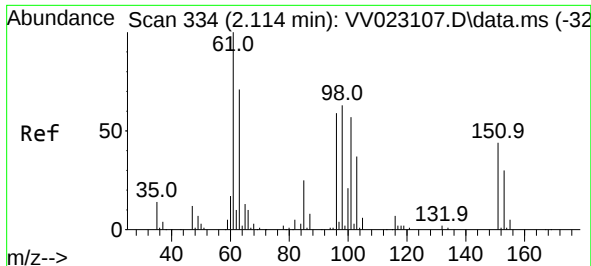
Tgt Ion: 50 Resp: 816
Ion Ratio Lower Upper
50 100
52 46.0 24.3 45.1#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.102 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV023110.D
Acq: 01 Nov 2021 12:33

Tgt Ion:101 Resp: 696
Ion Ratio Lower Upper
101 100
85 33.2 35.3 52.9#
151 0.0 62.2 93.2#





#12

1,1-Dichloroethene

Concen: 0.083 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV023110.D

Acq: 01 Nov 2021 12:33

Instrument :

MSVOA_V

ClientSampleId :

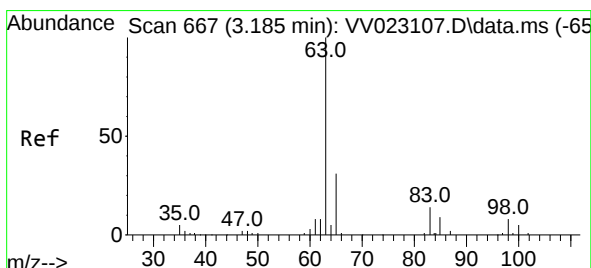
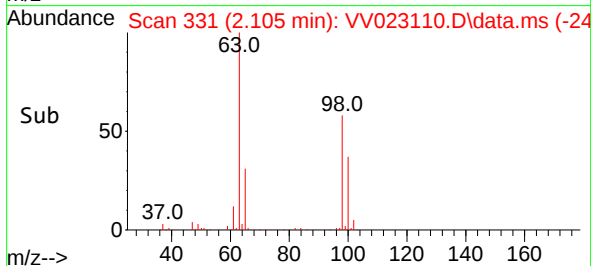
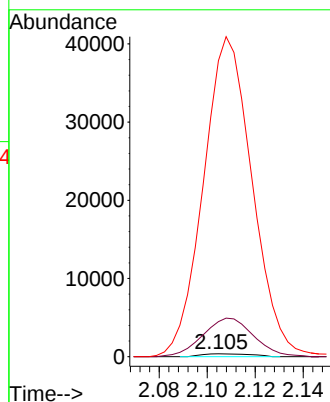
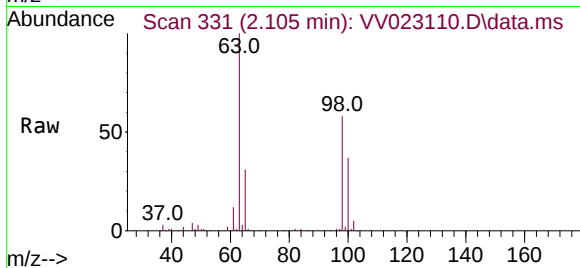
Tgt Ion: 96 Resp: 530

Ion Ratio Lower Upper

96 100

61 1233.0 121.5 225.7#

63 10400.0 99.6 185.0#



#19

1,1-Dichloroethane

Concen: 0.114 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.006 min

Lab File: VV023110.D

Acq: 01 Nov 2021 12:33

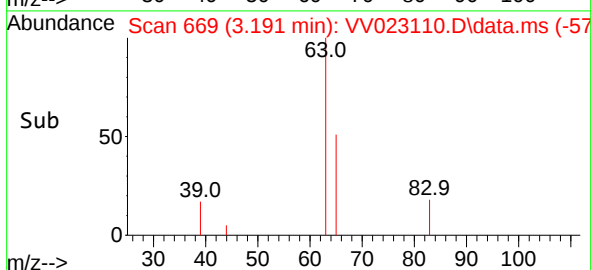
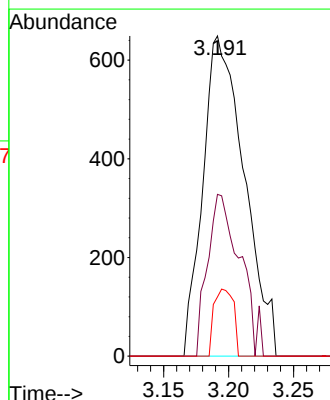
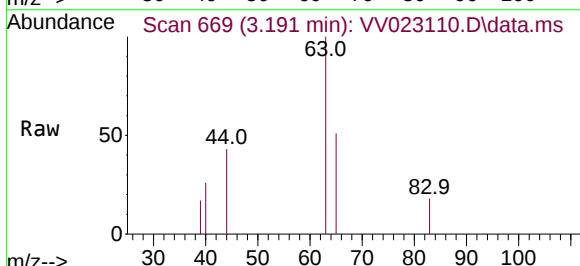
Tgt Ion: 63 Resp: 1437

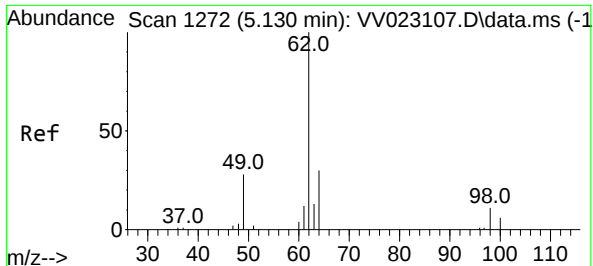
Ion Ratio Lower Upper

63 100

65 50.5 22.6 42.0#

83 18.5 11.1 20.7





#27

1,2-Dichloroethane

Concen: 0.123 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV023110.D

Acq: 01 Nov 2021 12:33

Instrument :

MSVOA_V

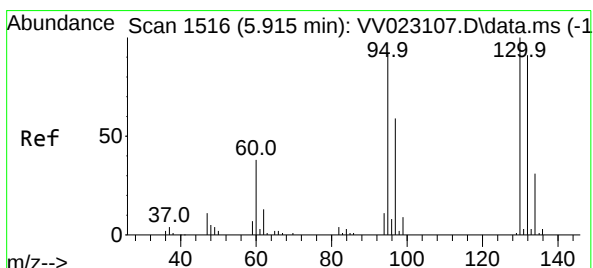
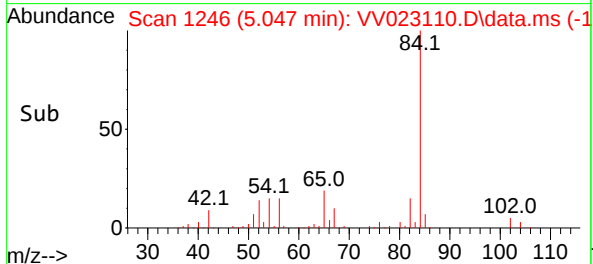
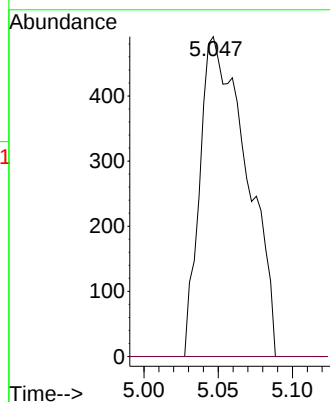
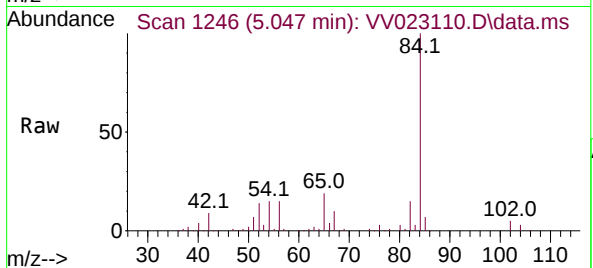
ClientSampleId :

Tgt Ion: 62 Resp: 1074

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 0.066 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VV023110.D

Acq: 01 Nov 2021 12:33

Tgt Ion: 95 Resp: 556

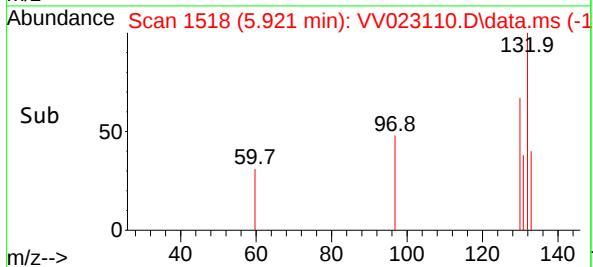
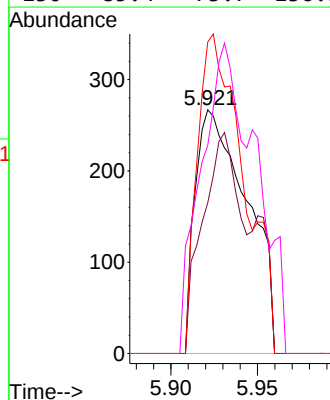
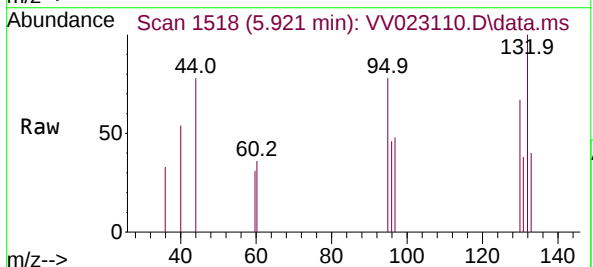
Ion Ratio Lower Upper

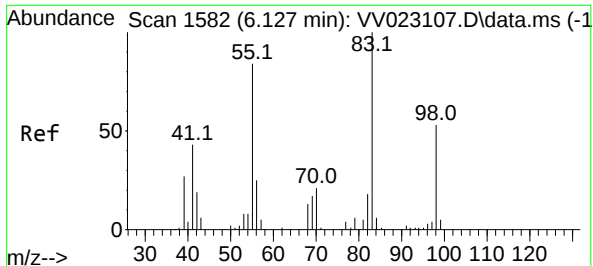
95 100

97 61.8 45.0 83.6

132 127.7 69.7 129.4

130 85.4 73.7 136.9





#35

Methylcyclohexane

Concen: 1.134 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023110.D

Acq: 01 Nov 2021 12:33

Instrument :

MSVOA_V

ClientSampleId :

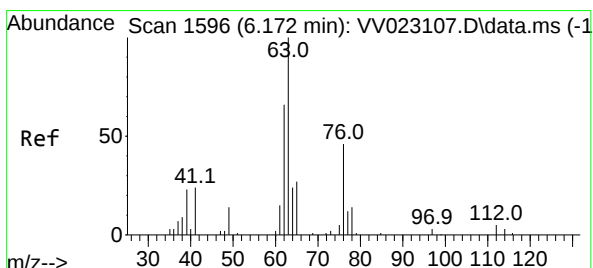
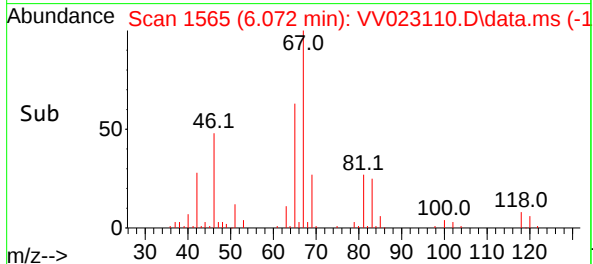
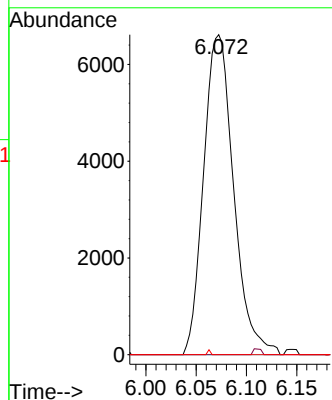
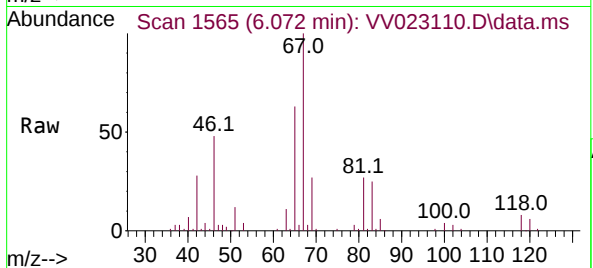
Tgt Ion: 83 Resp: 13764

Ion Ratio Lower Upper

83 100

55 0.5 62.8 94.2#

98 0.1 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.749 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV023110.D

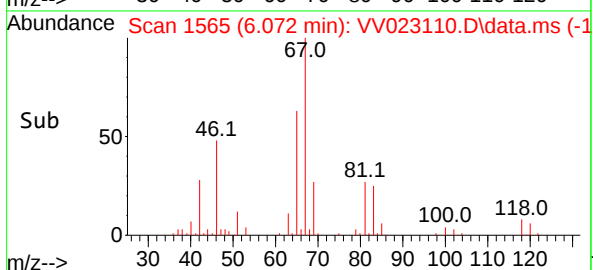
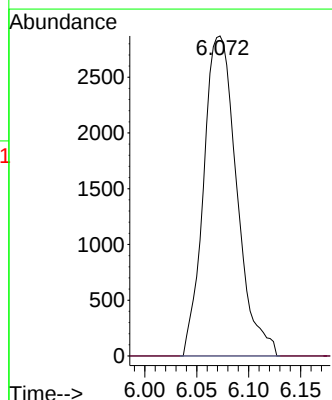
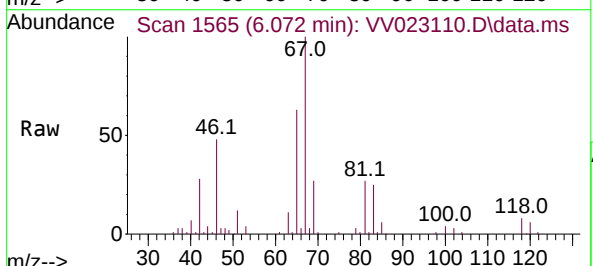
Acq: 01 Nov 2021 12:33

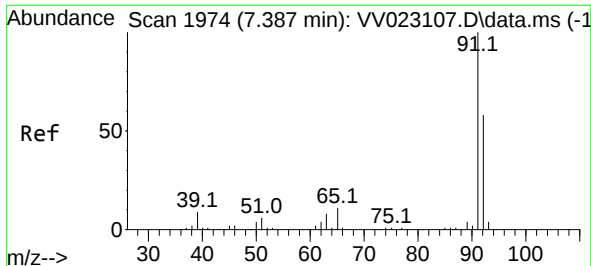
Tgt Ion: 63 Resp: 6371

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#42

Toluene

Concen: 0.109 ug/L

RT: 7.400 min Scan# 1974

Delta R.T. 0.013 min

Lab File: VV023110.D

Acq: 01 Nov 2021 12:33

Instrument :

MSVOA_V

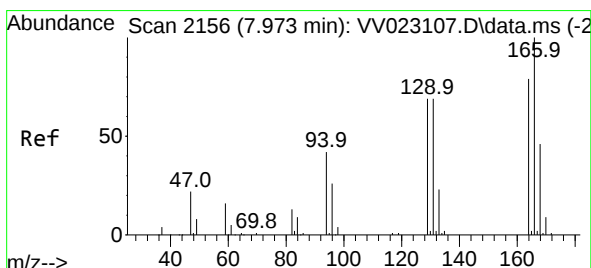
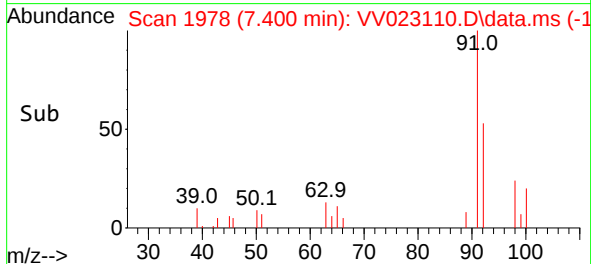
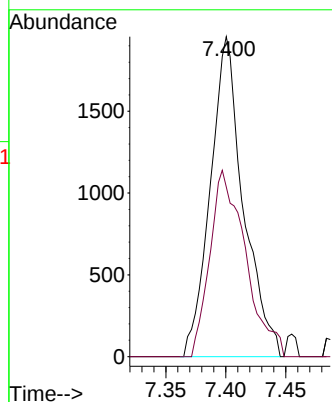
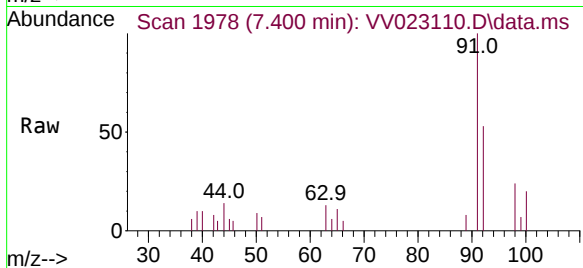
ClientSampleId :

Tgt Ion: 91 Resp: 3740

Ion Ratio Lower Upper

91 100

92 53.1 39.3 72.9



#47

Tetrachloroethene

Concen: 0.133 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV023110.D

Acq: 01 Nov 2021 12:33

Tgt Ion: 164 Resp: 955

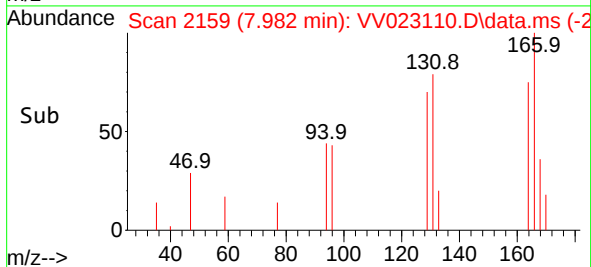
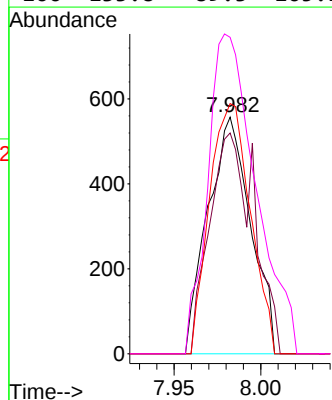
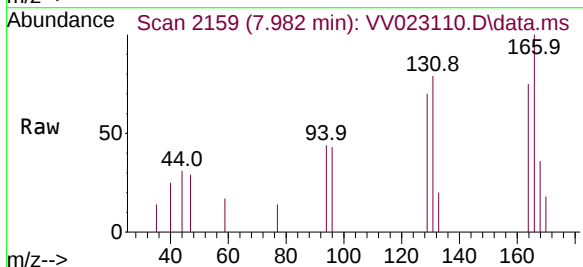
Ion Ratio Lower Upper

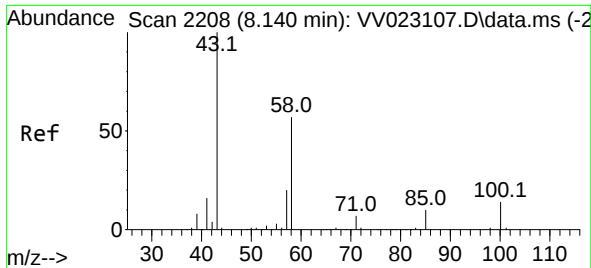
164 100

129 93.4 64.0 119.0

131 105.7 63.4 117.8

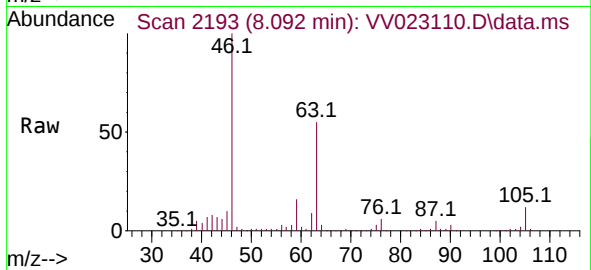
166 133.8 89.3 165.9



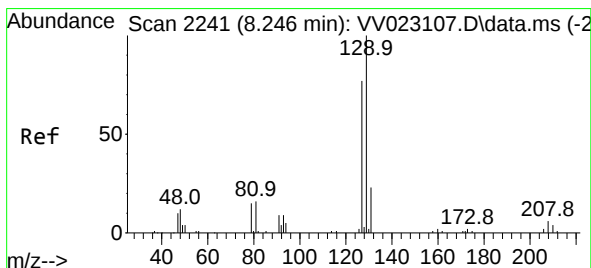
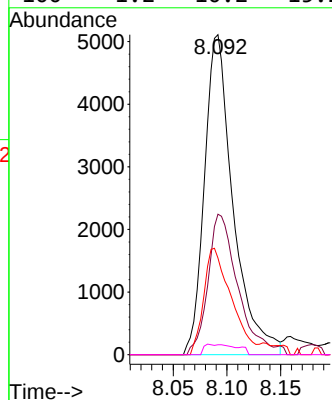
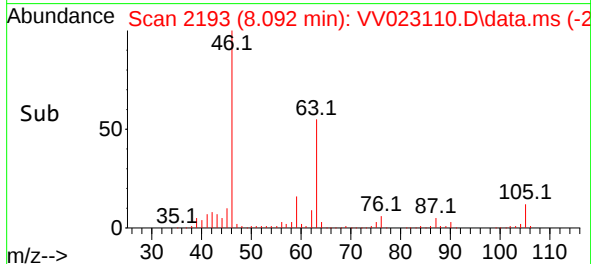


#48
2-Hexanone
Concen: 3.185 ug/L
RT: 8.092 min Scan# 2119
Delta R.T. -0.048 min
Lab File: VV023110.D
Acq: 01 Nov 2021 12:33

Instrument :
MSVOA_V
ClientSampleId :

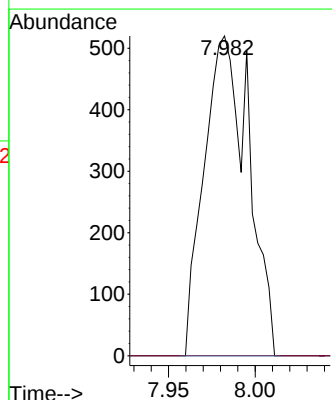
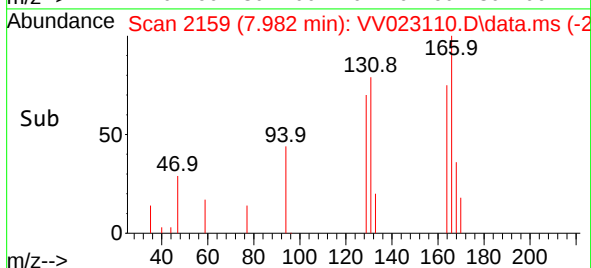
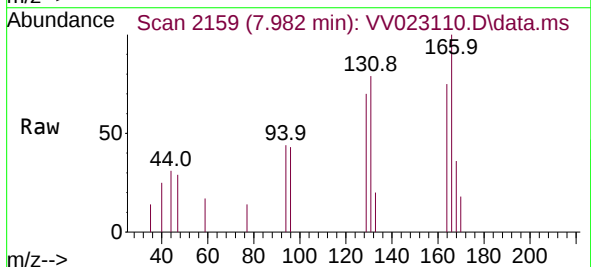


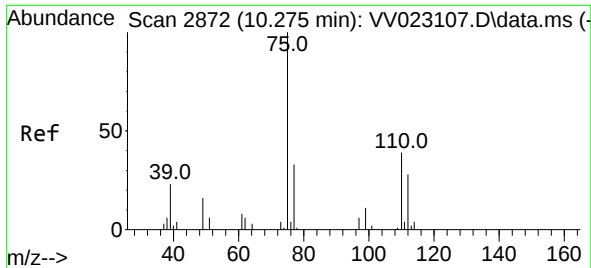
Tgt Ion: 43 Resp: 9467
Ion Ratio Lower Upper
43 100
58 46.0 43.7 65.5
57 32.2 14.1 21.1#
100 1.2 10.2 15.2#



#49
Dibromochloromethane
Concen: 0.131 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.264 min
Lab File: VV023110.D
Acq: 01 Nov 2021 12:33

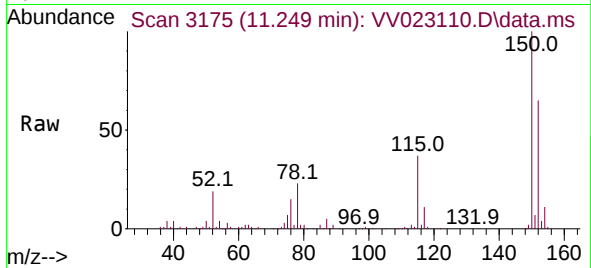
Tgt Ion: 129 Resp: 929
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.468 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV023110.D
 Acq: 01 Nov 2021 12:33

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 5899
 Ion Ratio Lower Upper
 75 100
 77 35.7 26.6 39.8
 110 2.4 31.8 47.6#

