

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
 Data File : VV023383.D
 Acq On : 11 Nov 2021 13:22
 Operator : SY/MD
 Sample : M4581-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 00:29:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 08:19:32 2021
 Response via : Initial Calibration

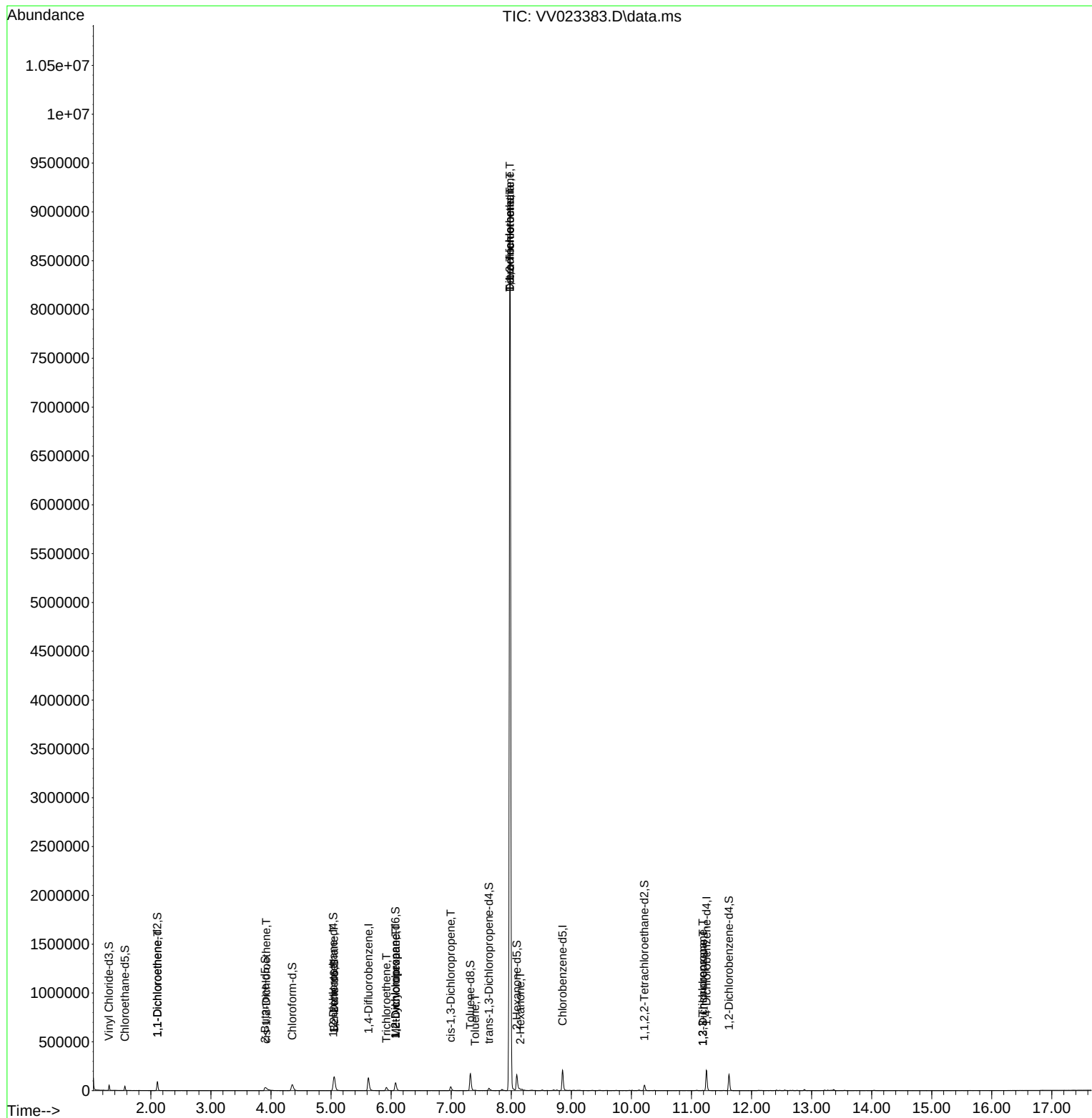
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	114950	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	115934	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55704	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31493	4.373	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.400%	
7) Chloroethane-d5	1.567	69	26248	4.472	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.400%	
11) 1,1-Dichloroethene-d2	2.108	63	45617	3.384	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.600%	
20) 2-Butanone-d5	3.902	46	64372	51.886	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.780%	
24) Chloroform-d	4.355	84	64540	4.205	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
26) 1,2-Dichloroethane-d4	5.037	65	31825	4.612	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	5.053	84	130695	4.394	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
36) 1,2-Dichloropropane-d6	6.072	67	38997	4.453	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.000%	
41) Toluene-d8	7.320	98	115383	4.139	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.800%	
43) trans-1,3-Dichloroprop...	7.628	79	14022	4.223	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.400%	
46) 2-Hexanone-d5	8.091	63	55244	45.221	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.440%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26519	4.211	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	43858	4.728	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	452	0.066	ug/L #	1
22) cis-1,2-Dichloroethene	3.921	96	2012	0.248	ug/L #	92
27) 1,2-Dichloroethane	5.046	62	506	0.063	ug/L #	72
34) Trichloroethene	5.921	95	11141	1.293	ug/L	98
35) Methylcyclohexane	6.075	83	10270	0.755	ug/L #	18
37) 1,2-Dichloropropane	6.075	63	4576	0.605	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1089	0.100	ug/L #	52
42) Toluene	7.400	91	3546	0.102	ug/L	91
45) 1,1,2-Trichloroethane	7.979	97	16308	3.000	ug/L #	1
47) Tetrachloroethene	7.979	164	1908104	255.502	ug/L	99
48) 2-Hexanone	8.152	43	2757	1.121	ug/L #	74
49) Dibromochloromethane	7.979	129	1765690	256.379	ug/L #	10
61) 1,2,3-Trichloropropane	11.188	75	245	0.066	ug/L #	1
64) 1,3-Dichlorobenzene	11.191	146	1079	0.066	ug/L	83

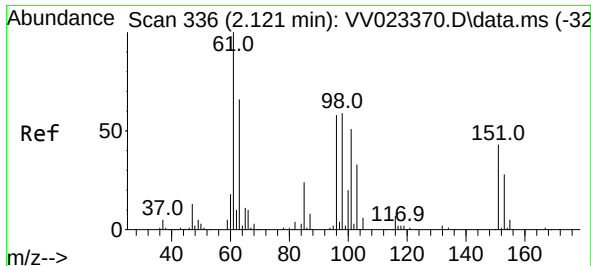
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 11 08:19:32 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV023383.D

Acq: 11 Nov 2021 13:22

Instrument :

MSVOA_V

ClientSampleId :

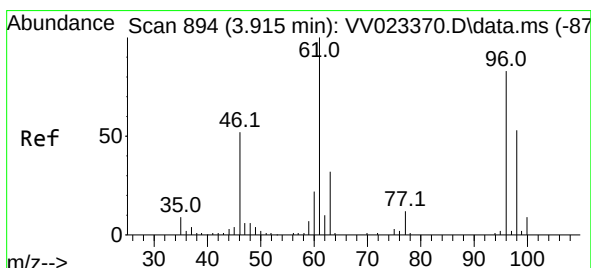
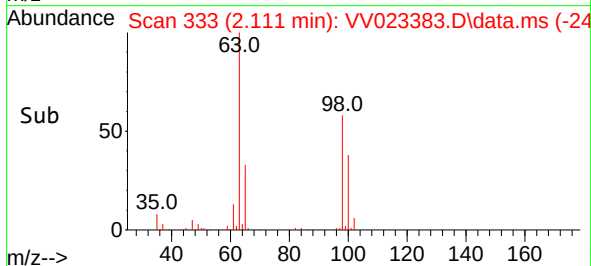
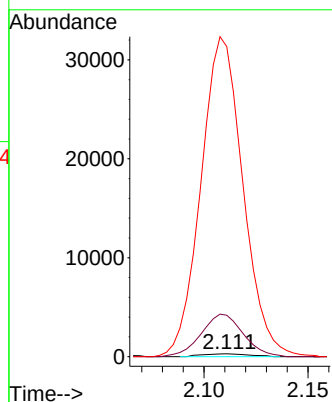
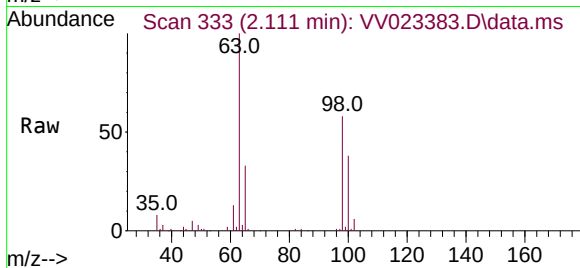
Tgt Ion: 96 Resp: 452

Ion Ratio Lower Upper

96 100

61 1462.0 121.5 225.7#

63 10918.5 99.6 185.0#



#22

cis-1,2-Dichloroethene

Concen: 0.248 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.006 min

Lab File: VV023383.D

Acq: 11 Nov 2021 13:22

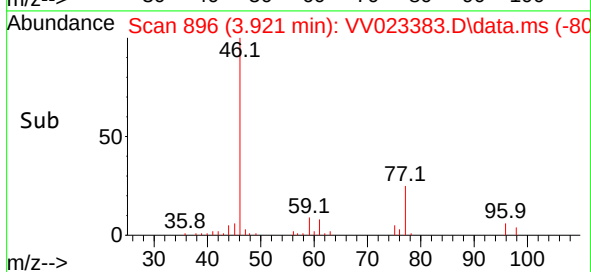
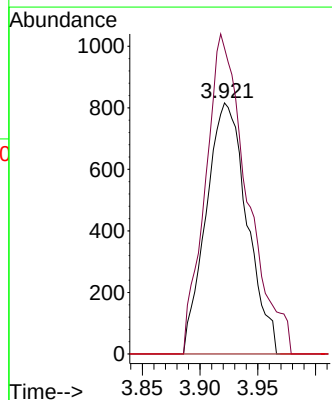
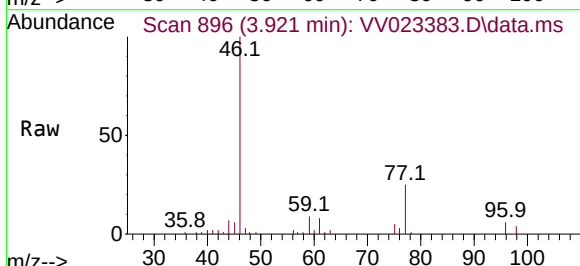
Tgt Ion: 96 Resp: 2012

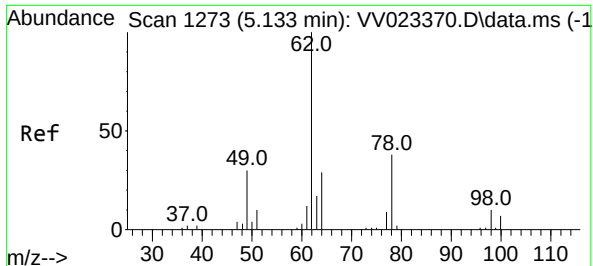
Ion Ratio Lower Upper

96 100

61 121.8 92.3 171.3

68 0.0 0.4 0.8#





#27

1,2-Dichloroethane

Concen: 0.063 ug/L

RT: 5.046 min Scan# 11

Delta R.T. -0.087 min

Lab File: VV023383.D

Acq: 11 Nov 2021 13:22

Instrument :

MSVOA_V

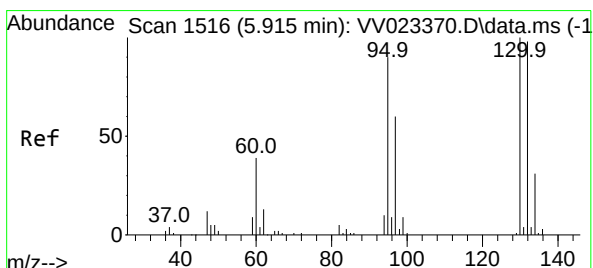
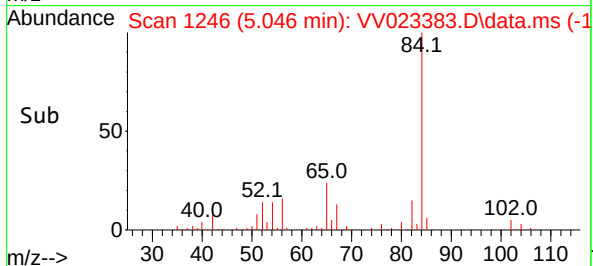
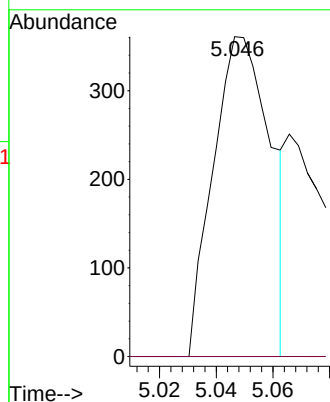
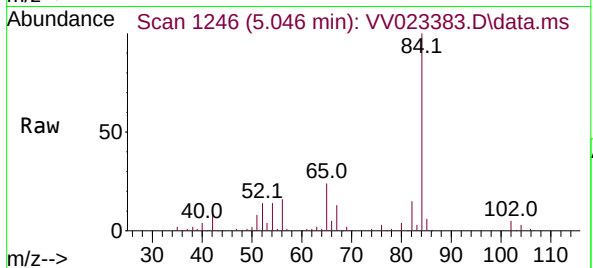
ClientSampleId :

Tgt Ion: 62 Resp: 506

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 1.293 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VV023383.D

Acq: 11 Nov 2021 13:22

Tgt Ion: 95 Resp: 11141

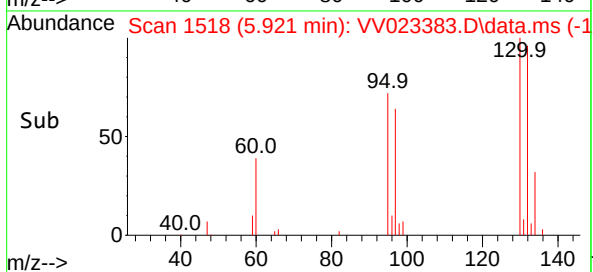
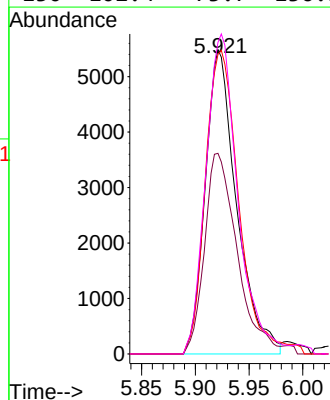
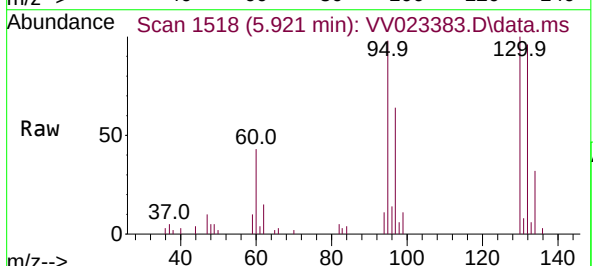
Ion Ratio Lower Upper

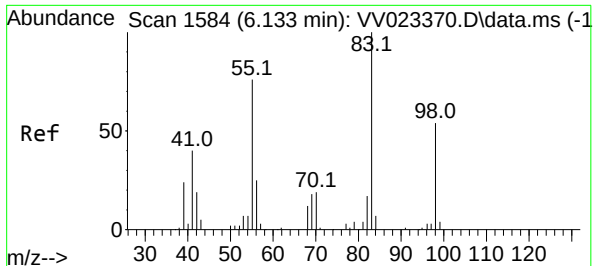
95 100

97 65.9 45.0 83.6

132 98.5 69.7 129.4

130 102.4 73.7 136.9

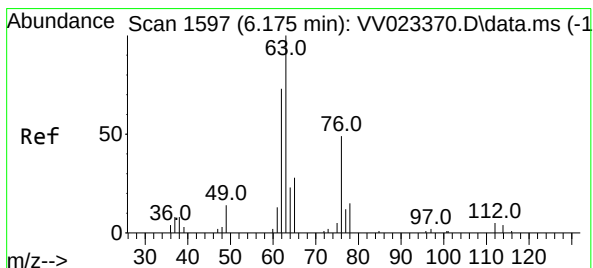
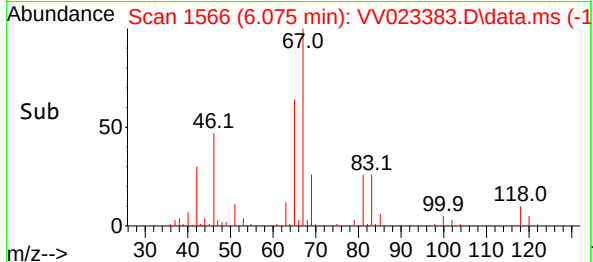
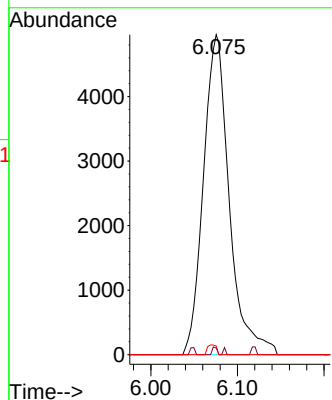
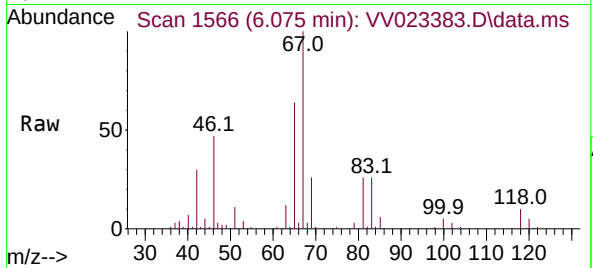




#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV023383.D
Acq: 11 Nov 2021 13:22

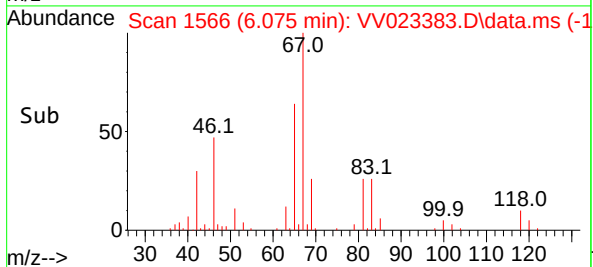
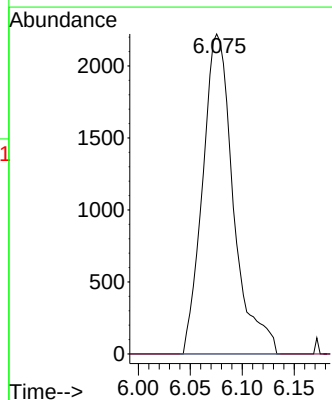
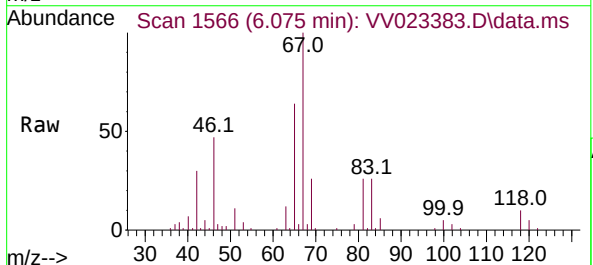
Instrument :
MSVOA_V
ClientSampleId :

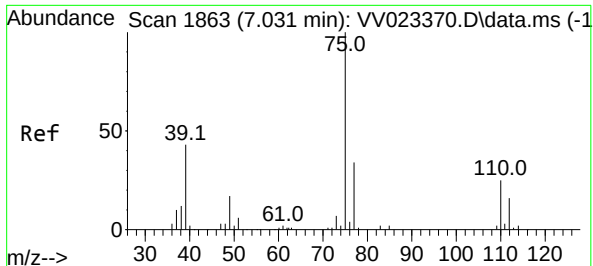
Tgt Ion: 83 Resp: 10270
Ion Ratio Lower Upper
83 100
55 0.4 62.8 94.2#
98 1.1 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV023383.D
Acq: 11 Nov 2021 13:22

Tgt Ion: 63 Resp: 4576
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.992 min Scan# 1863

Delta R.T. -0.039 min

Lab File: VV023383.D

Acq: 11 Nov 2021 13:22

Instrument :

MSVOA_V

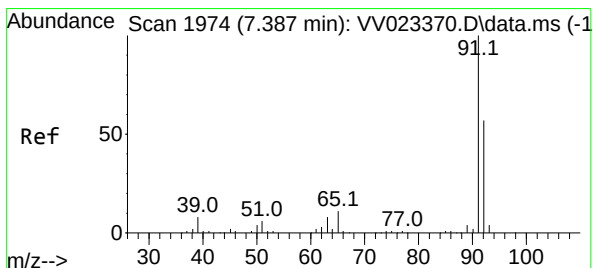
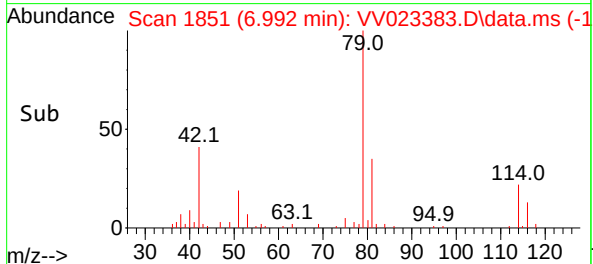
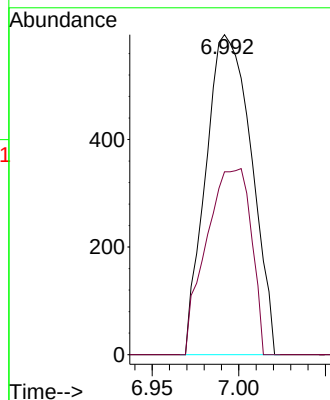
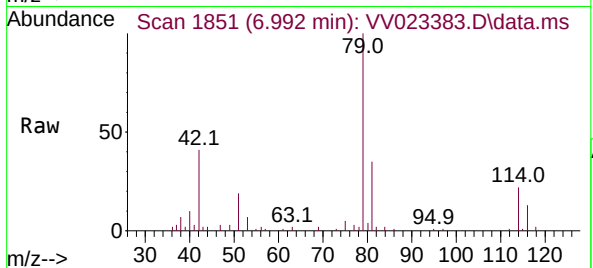
ClientSampleId :

Tgt Ion: 75 Resp: 1089

Ion Ratio Lower Upper

75 100

77 57.1 21.6 40.2#



#42

Toluene

Concen: 0.102 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023383.D

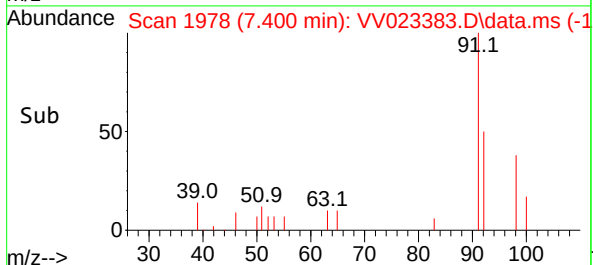
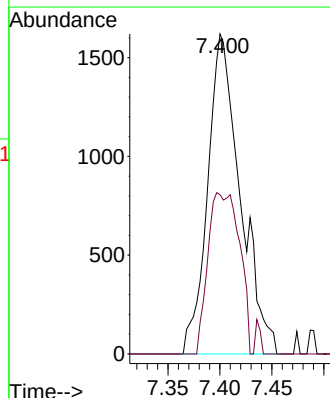
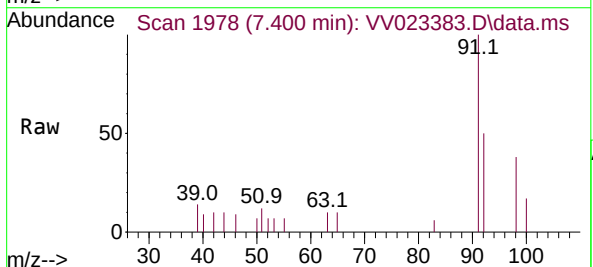
Acq: 11 Nov 2021 13:22

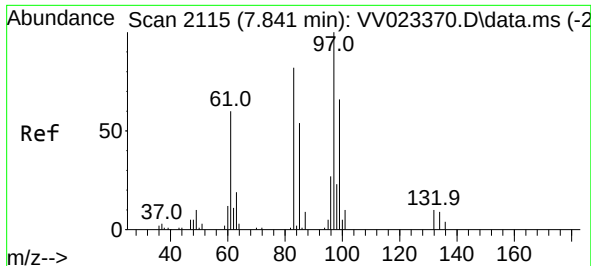
Tgt Ion: 91 Resp: 3546

Ion Ratio Lower Upper

91 100

92 49.8 39.3 72.9





#45

1,1,2-Trichloroethane

Concen: 3.000 ug/L

RT: 7.979 min Scan# 2115

Delta R.T. 0.138 min

Lab File: VV023383.D

Acq: 11 Nov 2021 13:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 16308

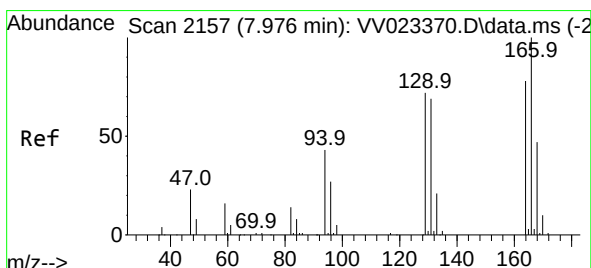
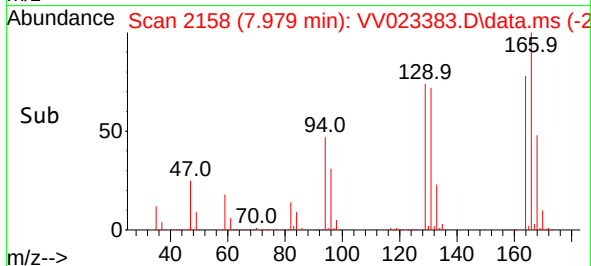
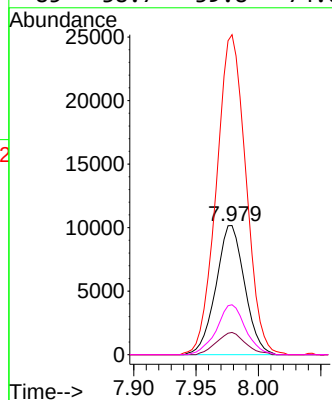
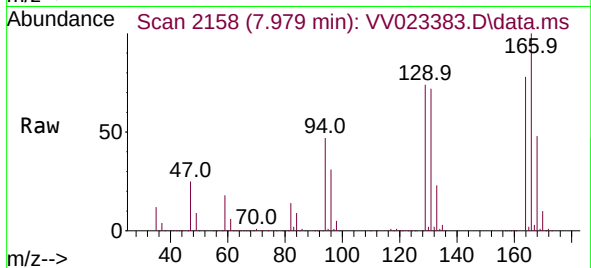
Ion Ratio Lower Upper

97 100

99 17.3 43.6 81.0#

83 247.7 58.4 108.4#

85 38.7 39.8 74.0#



#47

Tetrachloroethene

Concen: 255.502 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV023383.D

Acq: 11 Nov 2021 13:22

Tgt Ion:164 Resp: 1908104

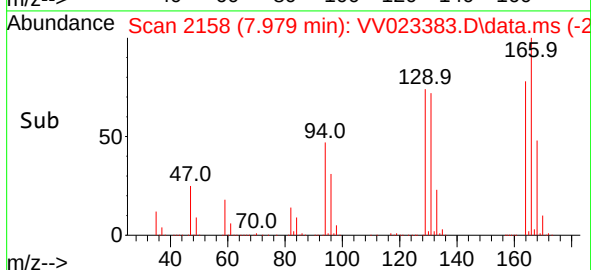
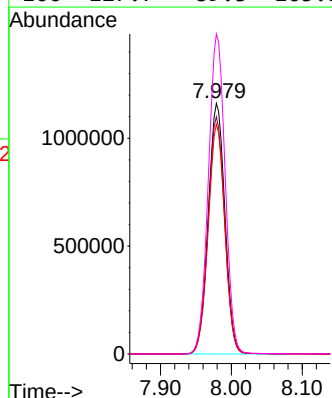
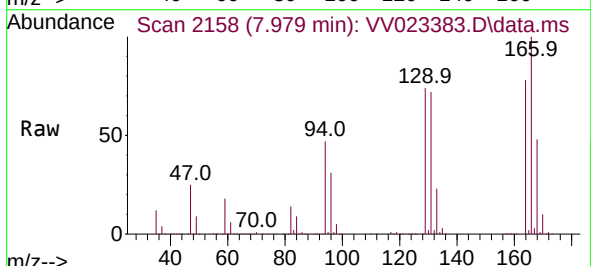
Ion Ratio Lower Upper

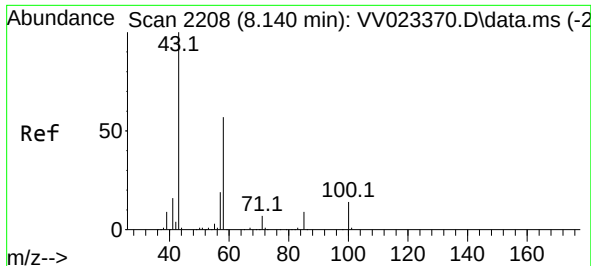
164 100

129 94.6 64.0 119.0

131 91.7 63.4 117.8

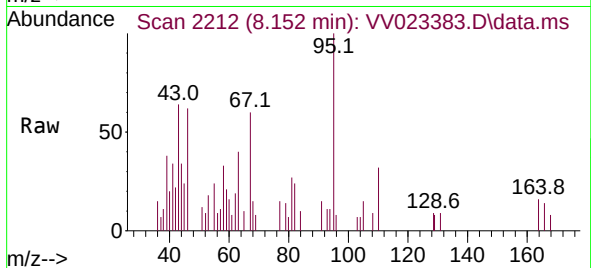
166 127.7 89.3 165.9



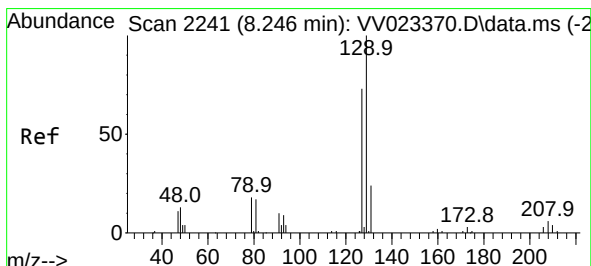
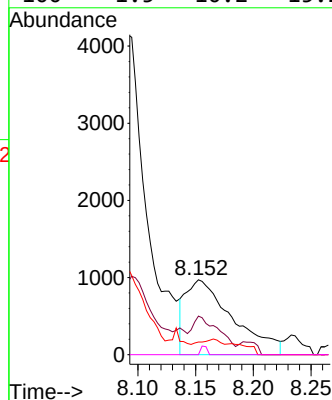
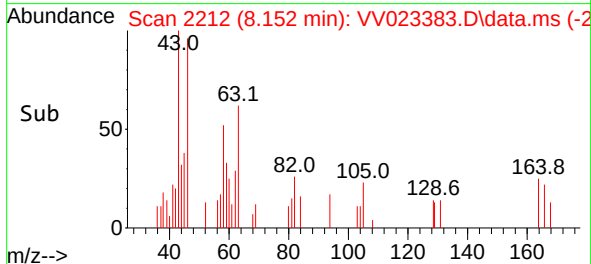


#48
2-Hexanone
Concen: 1.121 ug/L
RT: 8.152 min Scan# 2158
Delta R.T. 0.013 min
Lab File: VV023383.D
Acq: 11 Nov 2021 13:22

Instrument :
MSVOA_V
ClientSampleId :

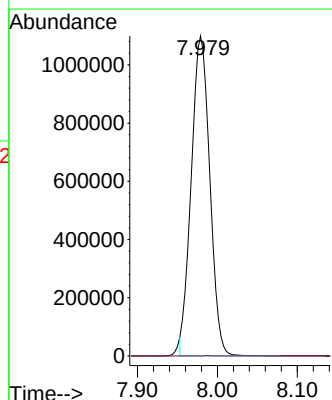
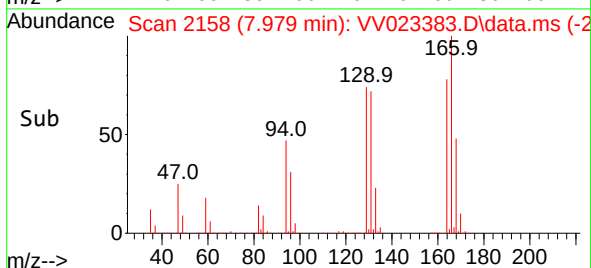
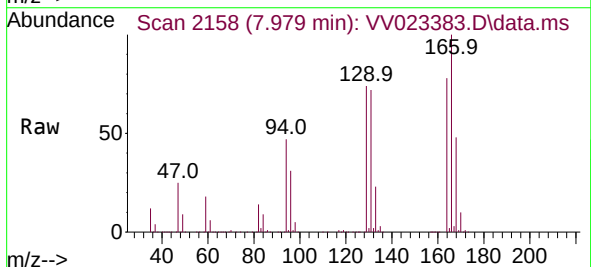


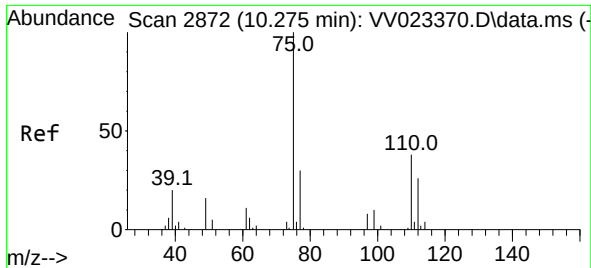
Tgt Ion: 43 Resp: 2757
Ion Ratio Lower Upper
43 100
58 29.9 43.7 65.5#
57 17.6 14.1 21.1
100 1.5 10.2 15.2#



#49
Dibromochloromethane
Concen: 256.379 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV023383.D
Acq: 11 Nov 2021 13:22

Tgt Ion:129 Resp: 1765690
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#

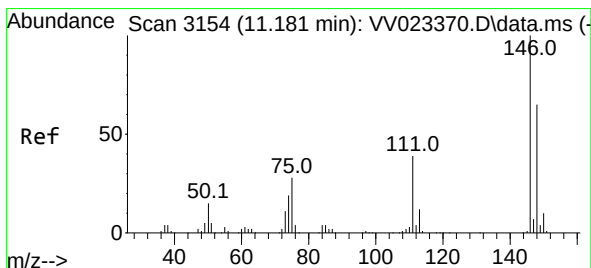
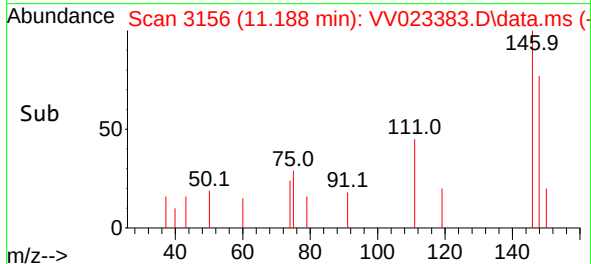
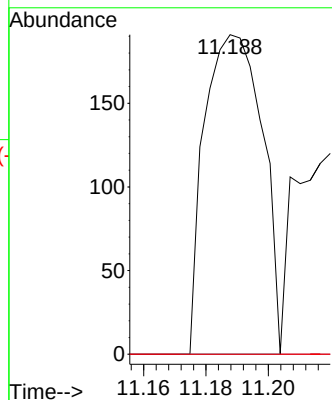
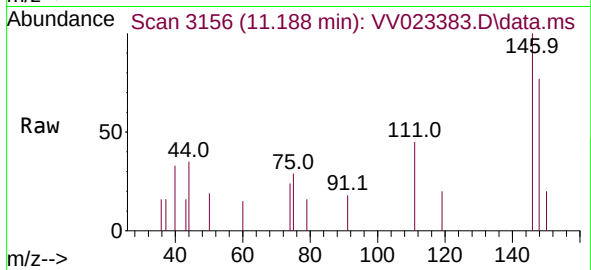




#61
1,2,3-Trichloropropane
Concen: 0.066 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.913 min
Lab File: VV023383.D
Acq: 11 Nov 2021 13:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 245
Ion Ratio Lower Upper
75 100
77 213.1 26.6 39.8#
110 0.0 31.8 47.6#



#64
1,3-Dichlorobenzene
Concen: 0.066 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.009 min
Lab File: VV023383.D
Acq: 11 Nov 2021 13:22

Tgt Ion:146 Resp: 1079
Ion Ratio Lower Upper
146 100
111 48.5 26.7 49.7
148 74.6 42.9 79.7

