

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
 Data File : VV023355.D
 Acq On : 11 Nov 2021 01:00
 Operator : SY/MD
 Sample : M4558-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 03:55:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 03:34:54 2021
 Response via : Initial Calibration

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

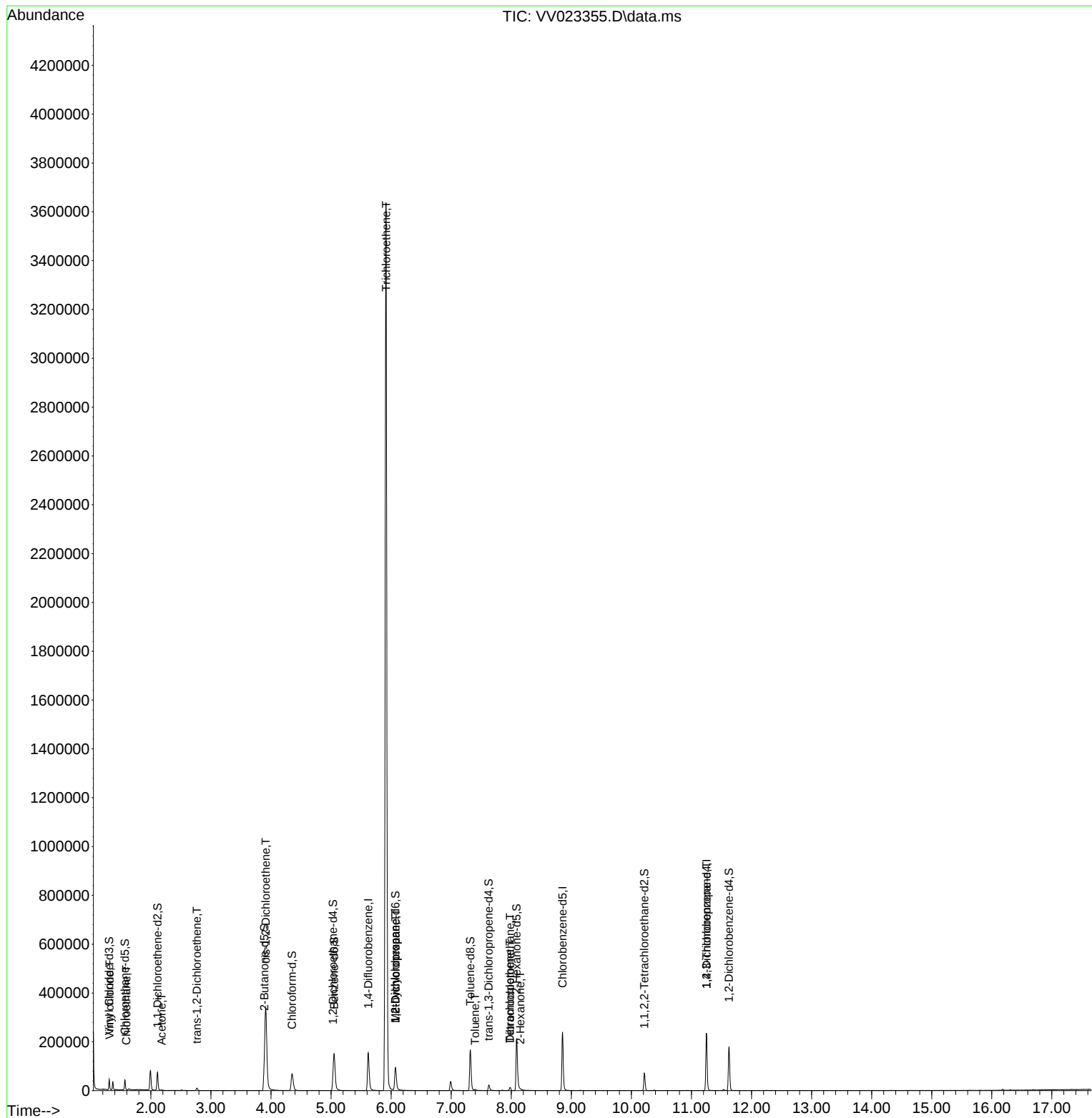
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	135257	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	131933	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62313	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	24183	2.854	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	57.000%	
7) Chloroethane-d5	1.568	69	24214	3.506	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	70.200%	
11) 1,1-Dichloroethene-d2	2.111	63	37733	2.379	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	47.600%#	
20) 2-Butanone-d5	3.889	46	99549	68.193	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	136.380%#	
24) Chloroform-d	4.352	84	72319	4.005	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.000%	
26) 1,2-Dichloroethane-d4	5.034	65	36576	4.504	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
32) Benzene-d6	5.053	84	133491	3.943	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.800%	
36) 1,2-Dichloropropane-d6	6.072	67	44951	4.511	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.200%	
41) Toluene-d8	7.320	98	110783	3.492	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.800%#	
43) trans-1,3-Dichloroprop...	7.625	79	13699	3.625	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.600%	
46) 2-Hexanone-d5	8.088	63	72187	51.925	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.840%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32908	4.592	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	48264	4.652	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.314	62	599	0.053	ug/L #	23
8) Chloroethane	1.590	64	622	0.096	ug/L #	43
13) Acetone	2.178	43	2906	3.258	ug/L	91
18) trans-1,2-Dichloroethene	2.767	96	3631	0.366	ug/L	94
22) cis-1,2-Dichloroethene	3.911	96	178799	18.738	ug/L #	93
34) Trichloroethene	5.915	95	1200496	122.421	ug/L	99
35) Methylcyclohexane	6.072	83	11567	0.747	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5260	0.611	ug/L #	83
42) Toluene	7.400	91	3705	0.094	ug/L	98
47) Tetrachloroethene	7.979	164	3041	0.358	ug/L	87
48) 2-Hexanone	8.149	43	2647	0.946	ug/L #	93
49) Dibromochloromethane	7.982	129	2720	0.347	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6962	1.682	ug/L #	65

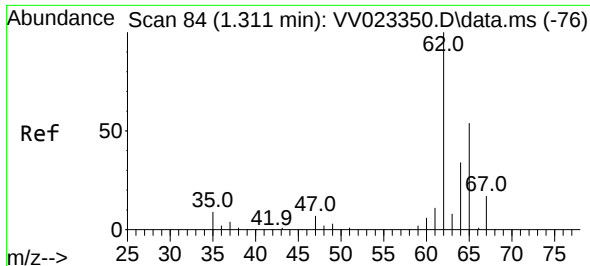
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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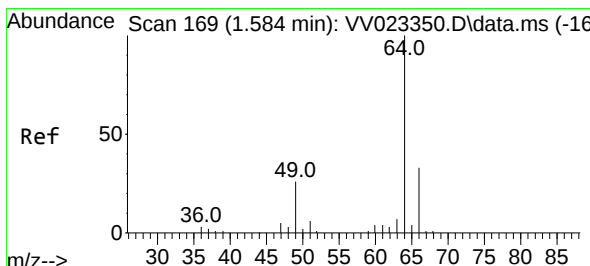
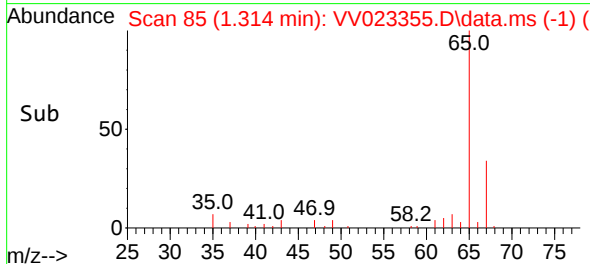
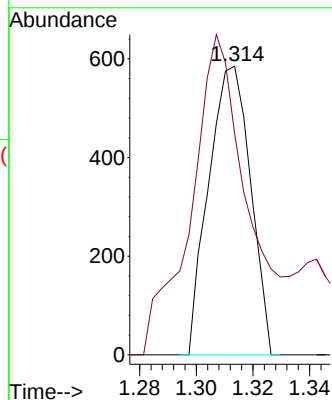
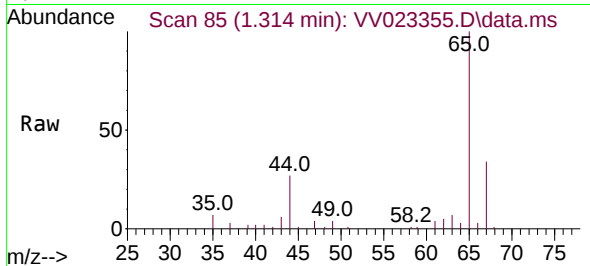




#5
 Vinyl chloride
 Concen: 0.053 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023355.D
 Acq: 11 Nov 2021 01:00

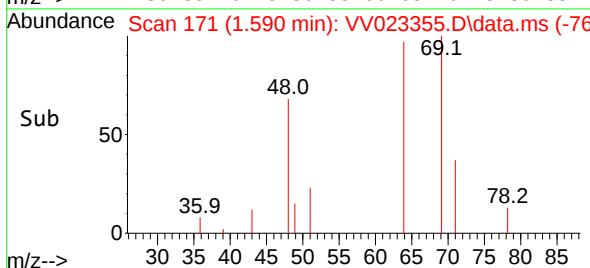
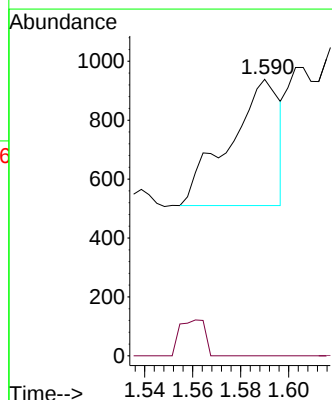
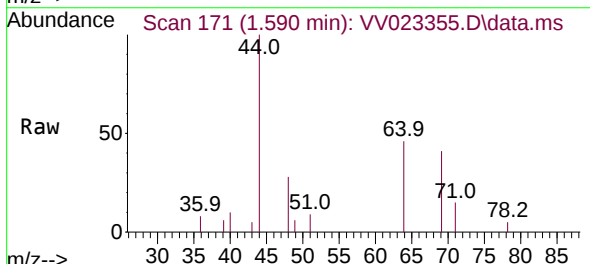
Instrument :
 MSVOA_V
 ClientSampleId :

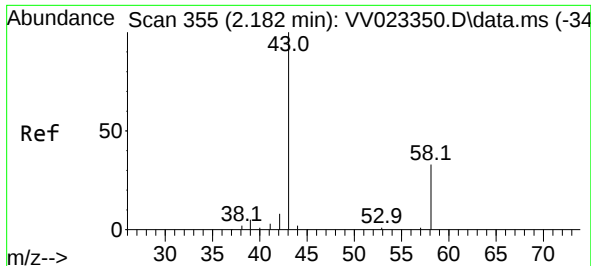
Tgt Ion: 62 Resp: 599
 Ion Ratio Lower Upper
 62 100
 64 76.8 23.1 42.9#



#8
 Chloroethane
 Concen: 0.096 ug/L
 RT: 1.590 min Scan# 171
 Delta R.T. 0.006 min
 Lab File: VV023355.D
 Acq: 11 Nov 2021 01:00

Tgt Ion: 64 Resp: 622
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.1 41.1#





#13

Acetone

Concen: 3.258 ug/L

RT: 2.178 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV023355.D

Acq: 11 Nov 2021 01:00

Instrument :

MSVOA_V

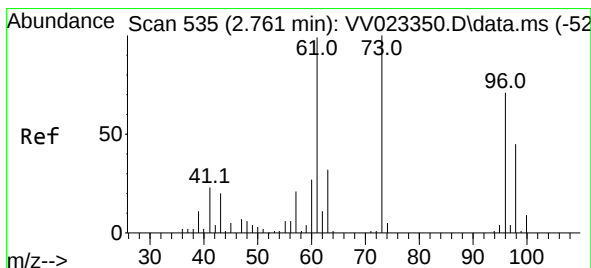
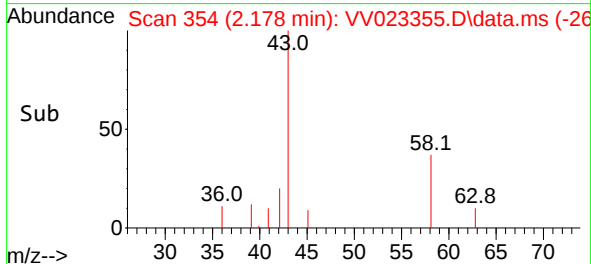
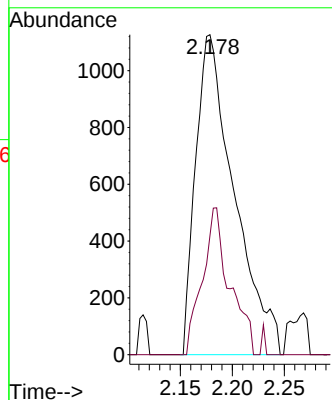
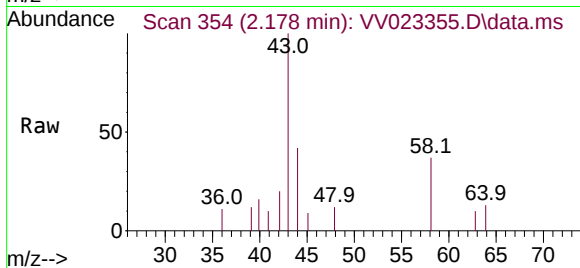
ClientSampleId :

Tgt Ion: 43 Resp: 2906

Ion Ratio Lower Upper

43 100

58 32.5 0.0 55.4



#18

trans-1,2-Dichloroethene

Concen: 0.366 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.006 min

Lab File: VV023355.D

Acq: 11 Nov 2021 01:00

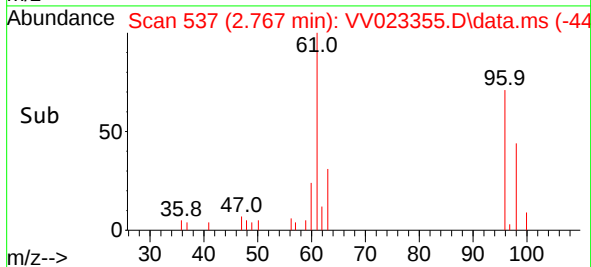
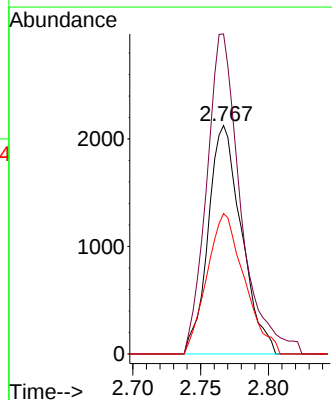
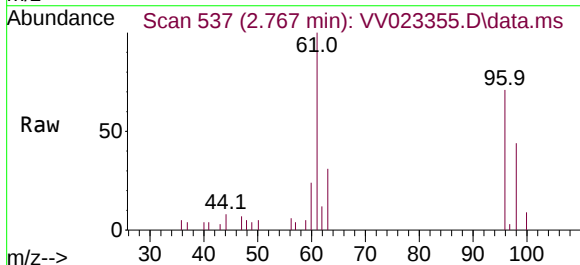
Tgt Ion: 96 Resp: 3631

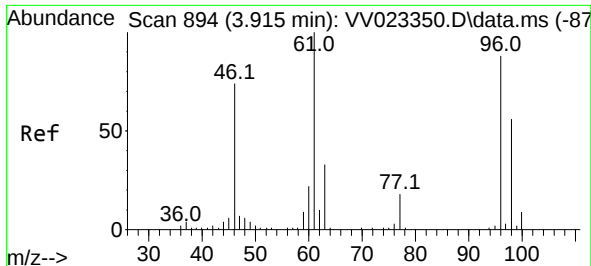
Ion Ratio Lower Upper

96 100

61 140.1 93.2 173.2

98 61.5 47.0 87.2





#22

cis-1,2-Dichloroethene

Concen: 18.738 ug/L

RT: 3.911 min Scan# 894

Delta R.T. -0.003 min

Lab File: VV023355.D

Acq: 11 Nov 2021 01:00

Instrument :

MSVOA_V

ClientSampleId :

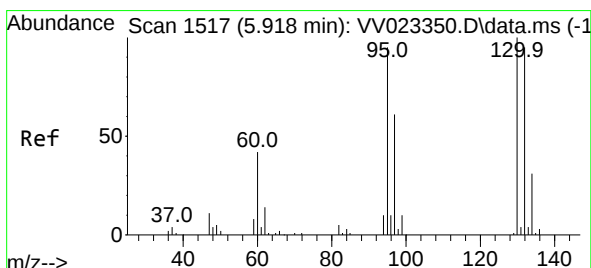
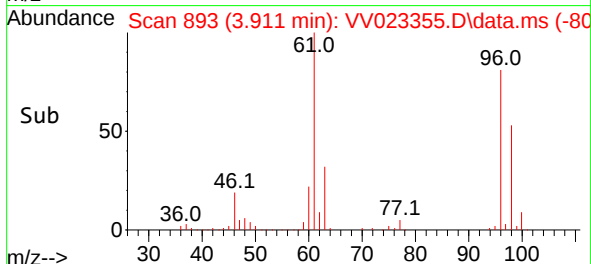
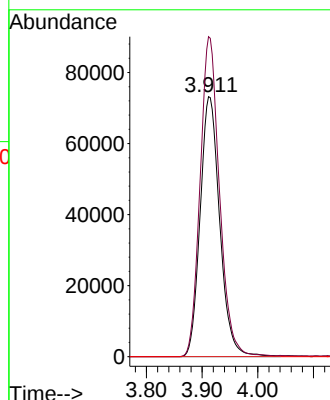
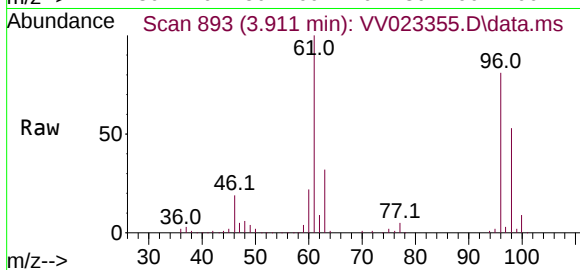
Tgt Ion: 96 Resp: 178799

Ion Ratio Lower Upper

96 100

61 123.1 92.3 171.3

68 0.0 0.4 0.8#



#34

Trichloroethene

Concen: 122.421 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.003 min

Lab File: VV023355.D

Acq: 11 Nov 2021 01:00

Tgt Ion: 95 Resp: 1200496

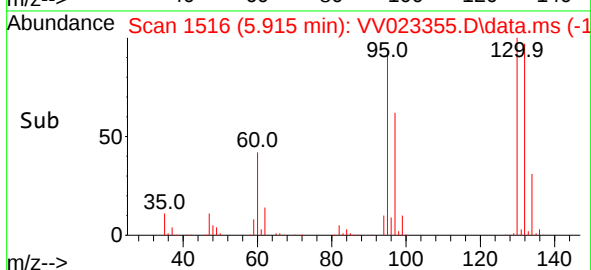
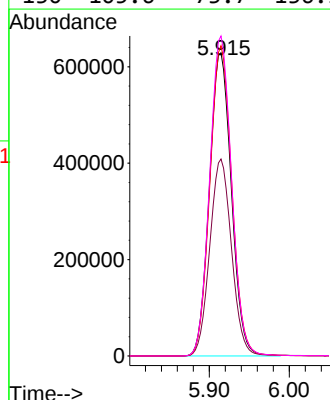
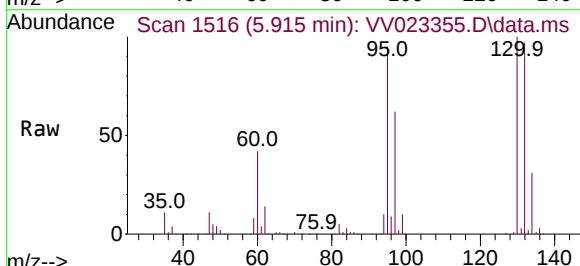
Ion Ratio Lower Upper

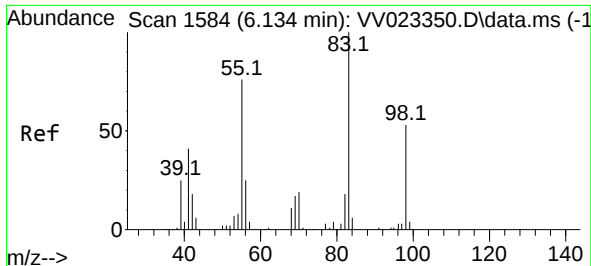
95 100

97 65.0 45.0 83.6

132 102.4 69.7 129.4

130 105.6 73.7 136.9

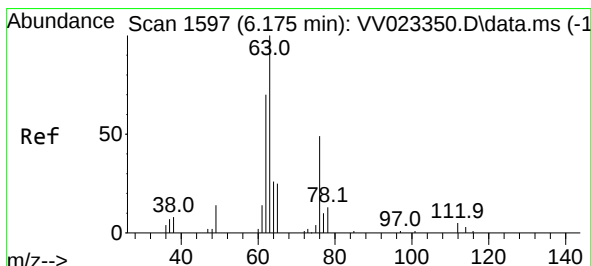
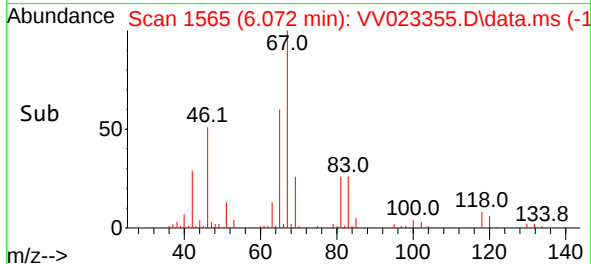
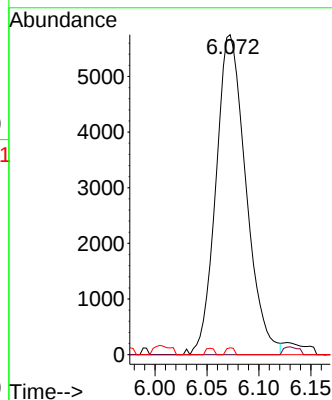
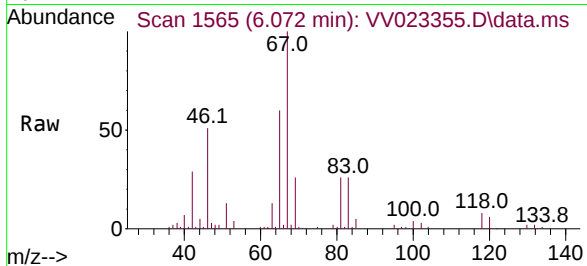




#35
Methylcyclohexane
Concen: 0.747 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023355.D
Acq: 11 Nov 2021 01:00

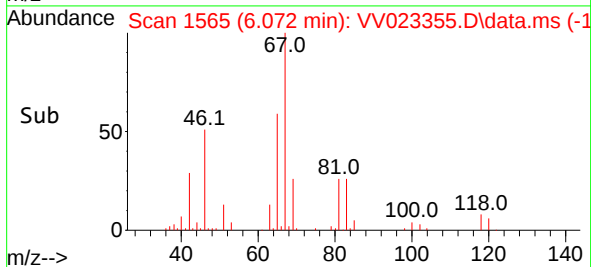
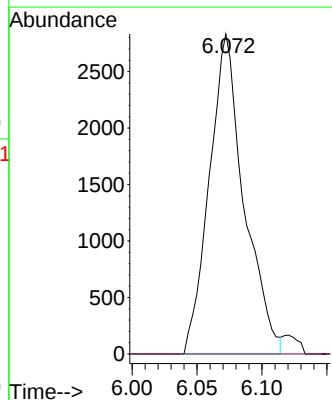
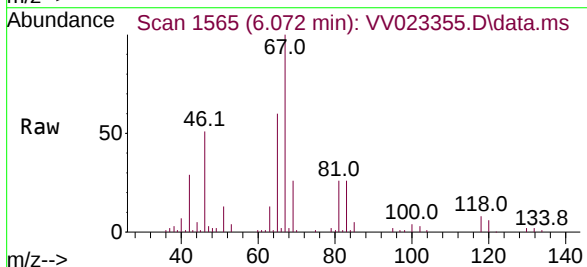
Instrument :
MSVOA_V
ClientSampleId :

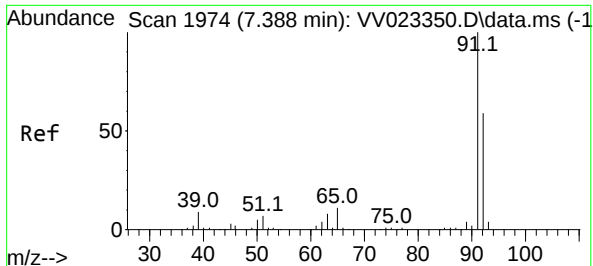
Tgt Ion: 83 Resp: 11567
Ion Ratio Lower Upper
83 100
55 1.2 62.8 94.2#
98 0.0 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV023355.D
Acq: 11 Nov 2021 01:00

Tgt Ion: 63 Resp: 5260
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#

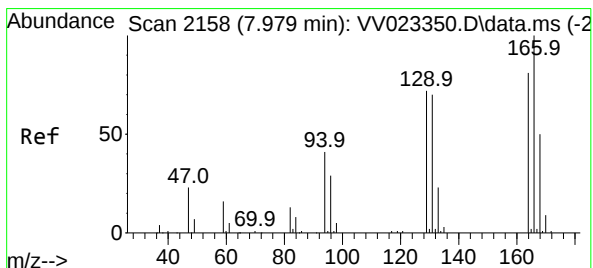
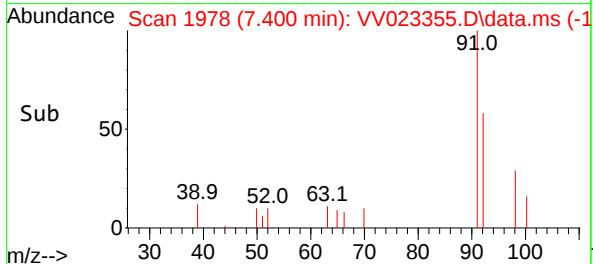
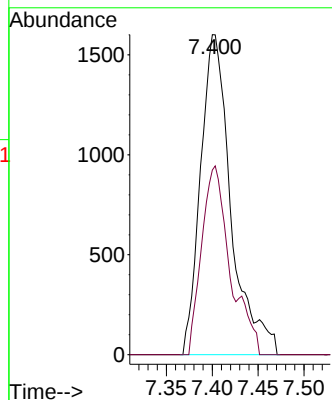
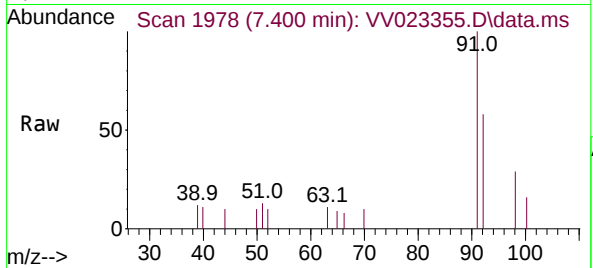




#42
Toluene
Concen: 0.094 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV023355.D
Acq: 11 Nov 2021 01:00

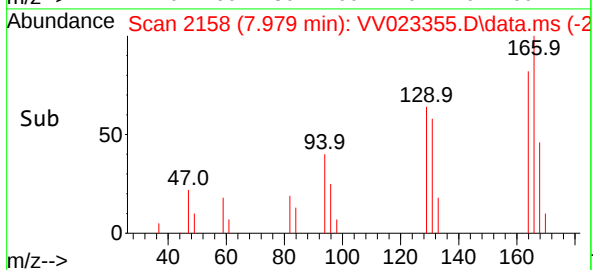
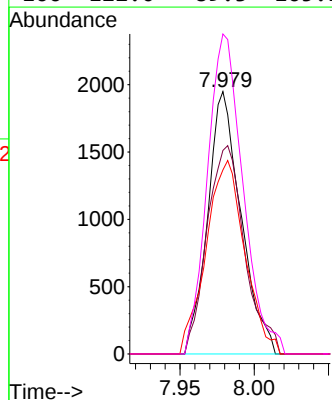
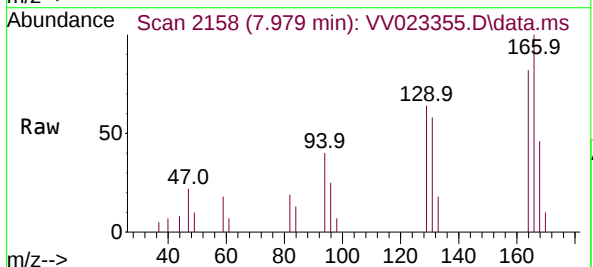
Instrument :
MSVOA_V
ClientSampleId :

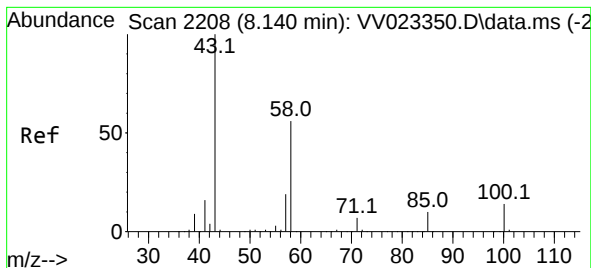
Tgt Ion: 91 Resp: 3705
Ion Ratio Lower Upper
91 100
92 57.7 39.3 72.9



#47
Tetrachloroethene
Concen: 0.358 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV023355.D
Acq: 11 Nov 2021 01:00

Tgt Ion: 164 Resp: 3041
Ion Ratio Lower Upper
164 100
129 77.6 64.0 119.0
131 70.1 63.4 117.8
166 122.0 89.3 165.9





#48

2-Hexanone

Concen: 0.946 ug/L

RT: 8.149 min Scan# 21

Delta R.T. 0.009 min

Lab File: VV023355.D

Acq: 11 Nov 2021 01:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 2647

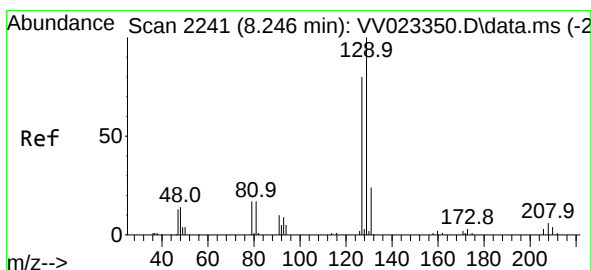
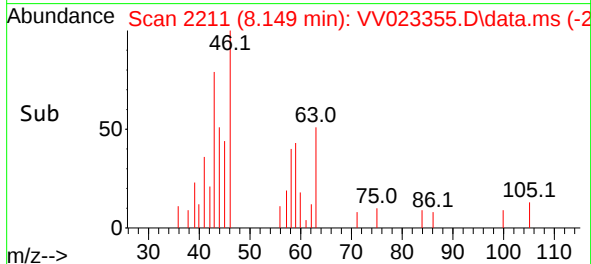
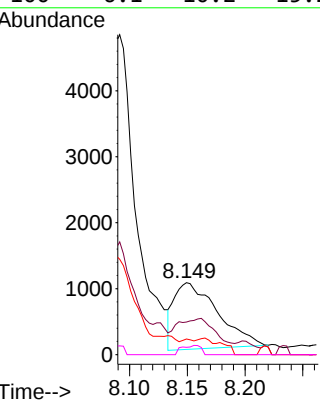
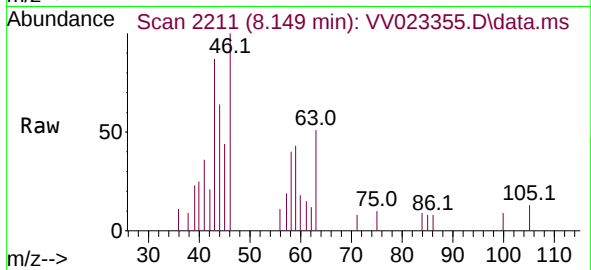
Ion Ratio Lower Upper

43 100

58 51.8 43.7 65.5

57 13.8 14.1 21.1#

100 6.1 10.2 15.2#



#49

Dibromochloromethane

Concen: 0.347 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV023355.D

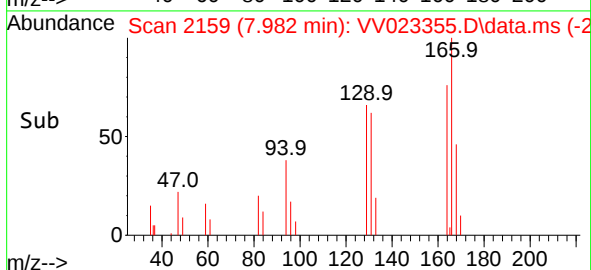
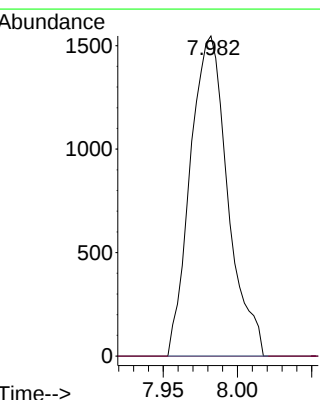
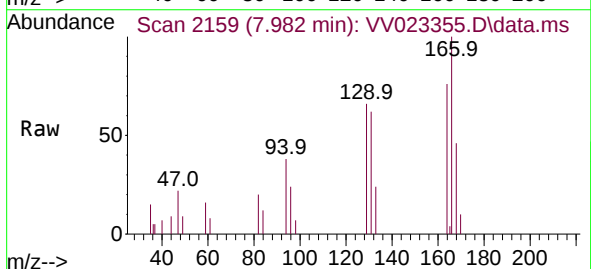
Acq: 11 Nov 2021 01:00

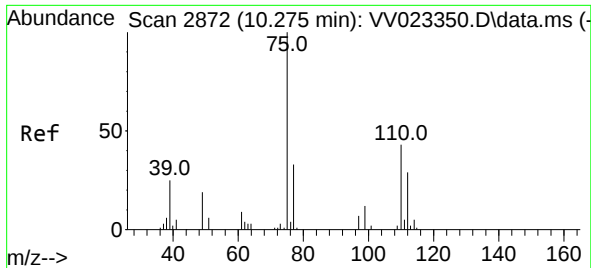
Tgt Ion:129 Resp: 2720

Ion Ratio Lower Upper

129 100

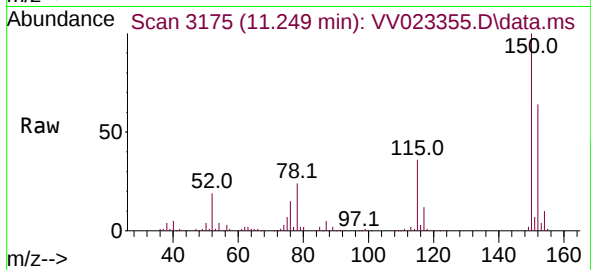
127 0.0 54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.682 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV023355.D
 Acq: 11 Nov 2021 01:00

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	6962
Ion Ratio	Lower	Upper
75	100	
77	33.9	26.6 39.8
110	1.0	31.8 47.6#

