

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110821\
 Data File : VV023284.D
 Acq On : 08 Nov 2021 17:20
 Operator : SY/MD
 Sample : M4522-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 09 05:17:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 05:13:22 2021
 Response via : Initial Calibration

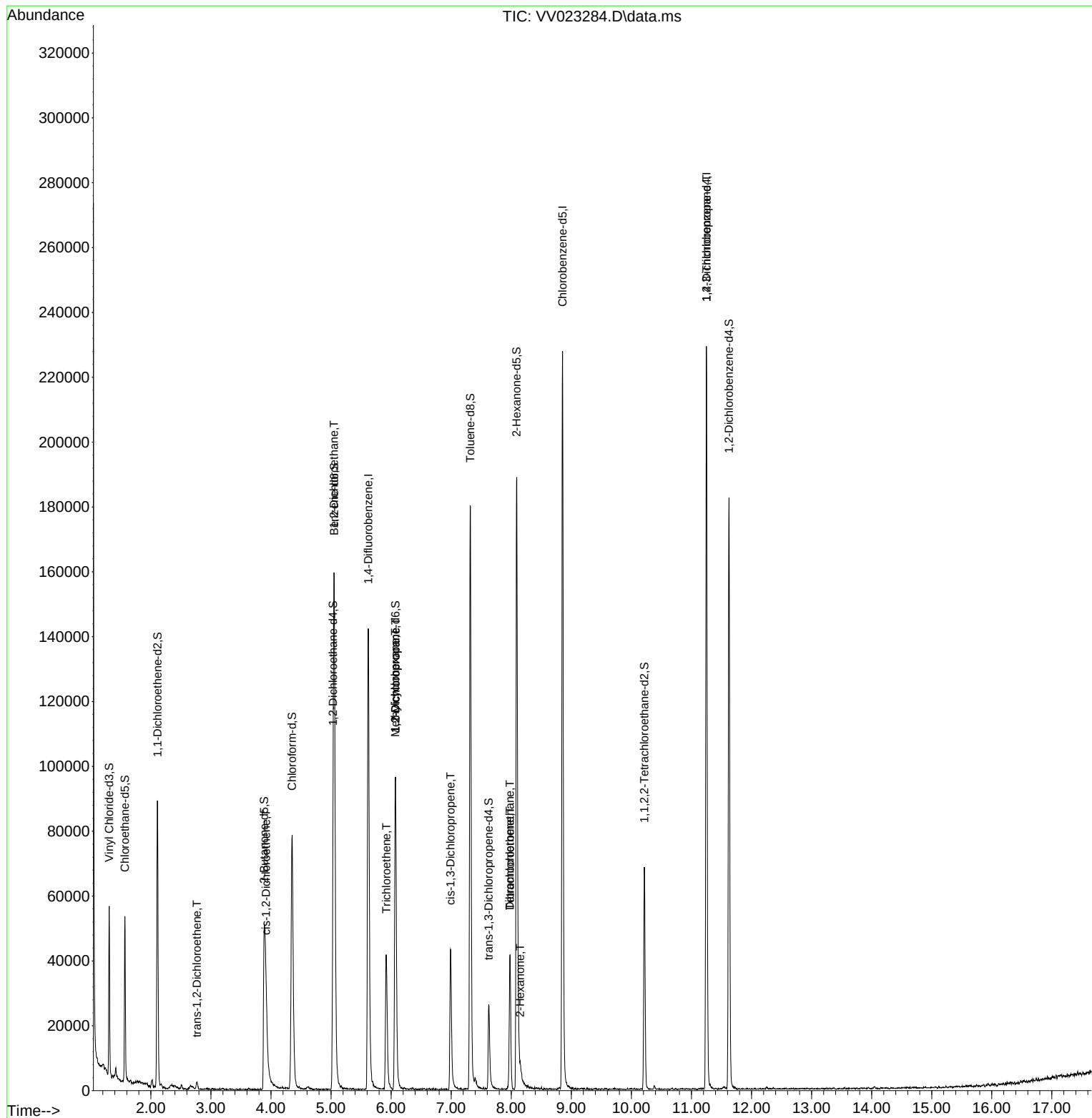
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	128080	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127842	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61934	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32179	4.010	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.200%	
7) Chloroethane-d5	1.568	69	29321	4.484	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.600%	
11) 1,1-Dichloroethene-d2	2.111	63	46320	3.084	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.600%	
20) 2-Butanone-d5	3.886	46	85794	62.064	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.120%	
24) Chloroform-d	4.352	84	77337	4.523	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
26) 1,2-Dichloroethane-d4	5.034	65	37409	4.865	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
32) Benzene-d6	5.053	84	144456	4.404	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.072	67	47107	4.879	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.320	98	120813	3.930	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.600%	
43) trans-1,3-Dichloroprop...	7.625	79	16413	4.483	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.088	63	61796	45.873	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.740%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32649	4.702	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49312	4.782	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						
18) trans-1,2-Dichloroethene	2.767	96	911	0.097	ug/L	87
22) cis-1,2-Dichloroethene	3.918	96	5956	0.659	ug/L #	81
27) 1,2-Dichloroethane	5.050	62	772	0.086	ug/L #	72
34) Trichloroethene	5.921	95	14502	1.526	ug/L	98
35) Methylcyclohexane	6.069	83	11367	0.758	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4907	0.588	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1163	0.097	ug/L #	53
47) Tetrachloroethene	7.979	164	9911	1.204	ug/L	92
48) 2-Hexanone	8.146	43	2619	0.966	ug/L #	56
49) Dibromochloromethane	7.979	129	8914	1.174	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6567	1.596	ug/L #	66

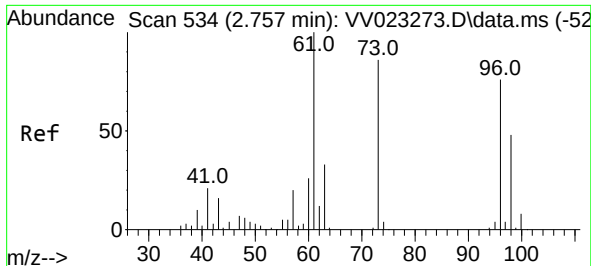
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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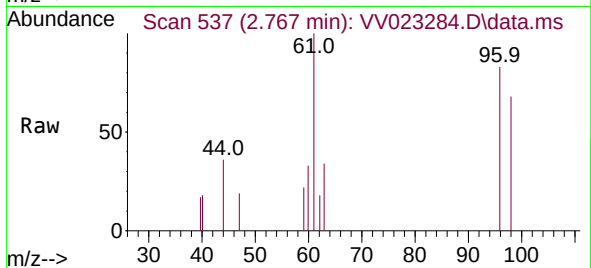
Quant Time: Nov 09 05:17:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
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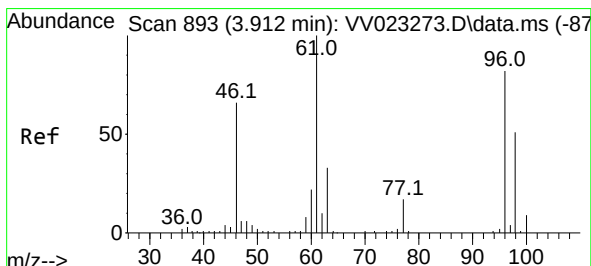
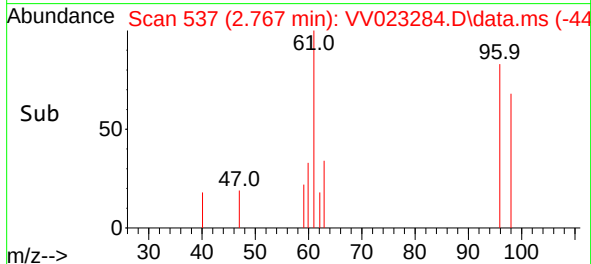
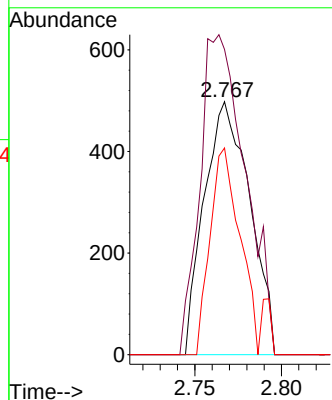


#18
trans-1,2-Dichloroethene
Concen: 0.097 ug/L
RT: 2.767 min Scan# 511
Delta R.T. 0.010 min
Lab File: VV023284.D
Acq: 08 Nov 2021 17:20

Instrument :
MSVOA_V
ClientSampleId :

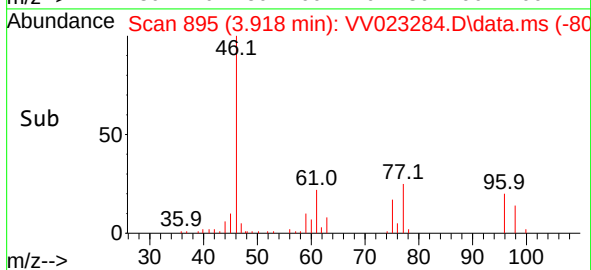
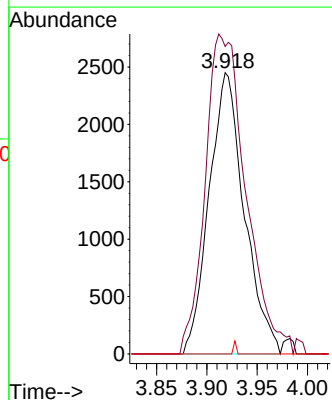
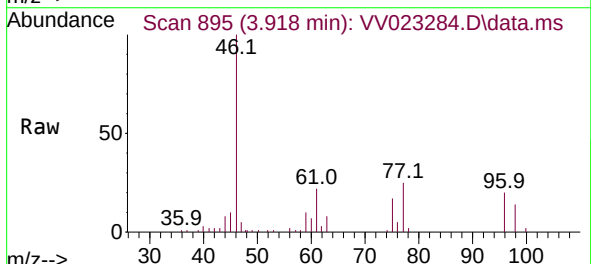


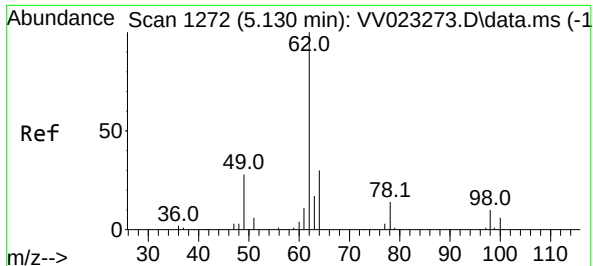
Tgt Ion: 96 Resp: 911
Ion Ratio Lower Upper
96 100
61 120.7 93.2 173.2
98 81.7 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 0.659 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV023284.D
Acq: 08 Nov 2021 17:20

Tgt Ion: 96 Resp: 5956
Ion Ratio Lower Upper
96 100
61 109.3 92.3 171.3
68 0.0 0.4 0.8#





#27

1,2-Dichloroethane

Concen: 0.086 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV023284.D

Acq: 08 Nov 2021 17:20

Instrument :

MSVOA_V

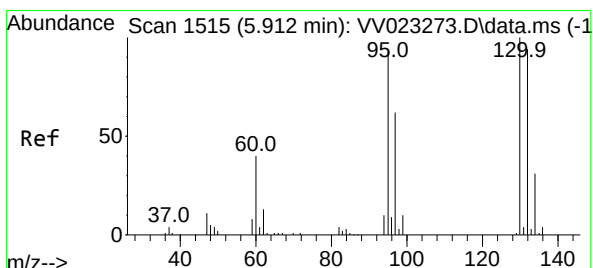
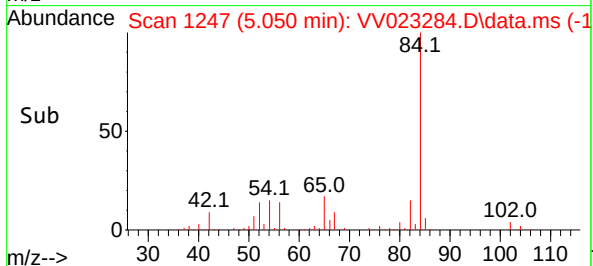
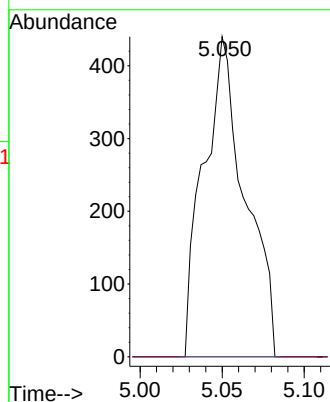
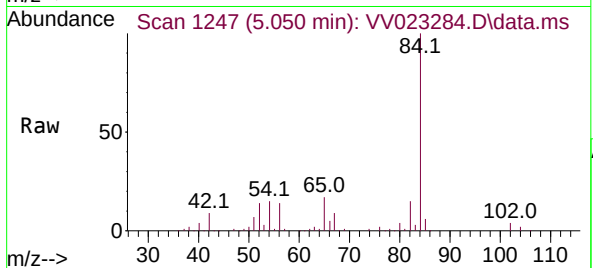
ClientSampleId :

Tgt Ion: 62 Resp: 772

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 1.526 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV023284.D

Acq: 08 Nov 2021 17:20

Tgt Ion: 95 Resp: 14502

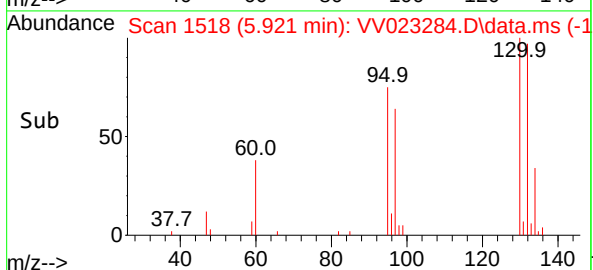
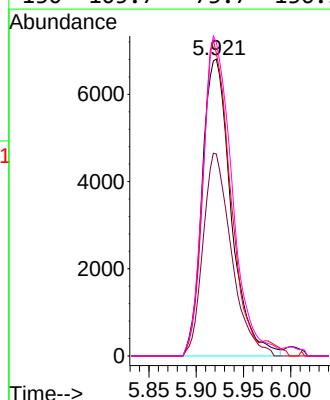
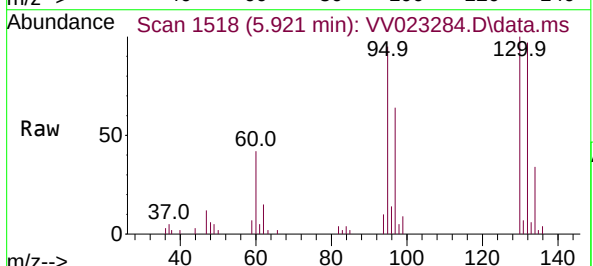
Ion Ratio Lower Upper

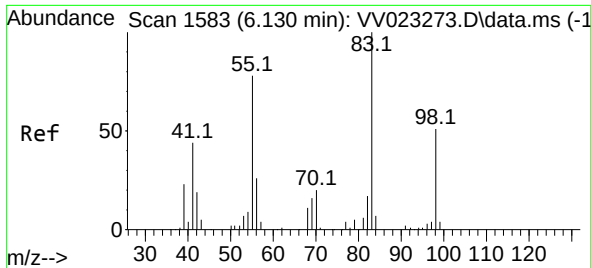
95 100

97 68.1 45.0 83.6

132 102.0 69.7 129.4

130 105.7 73.7 136.9

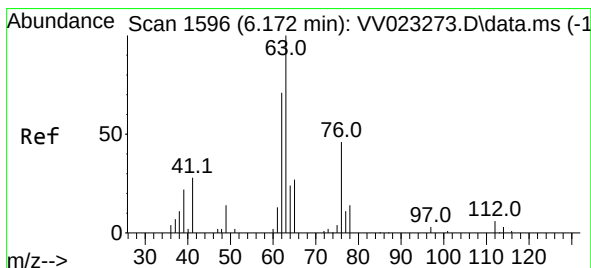
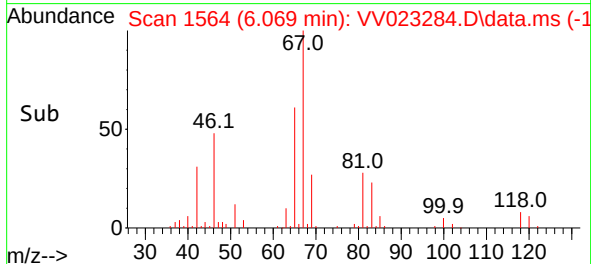
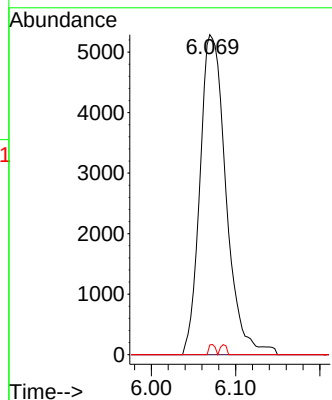
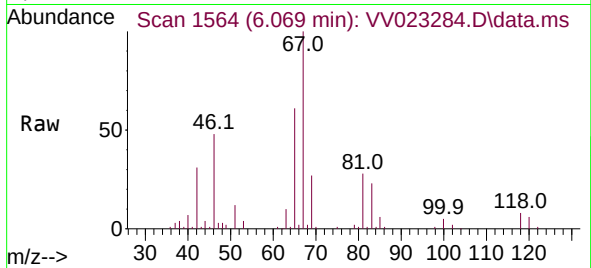




#35
Methylcyclohexane
Concen: 0.758 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023284.D
Acq: 08 Nov 2021 17:20

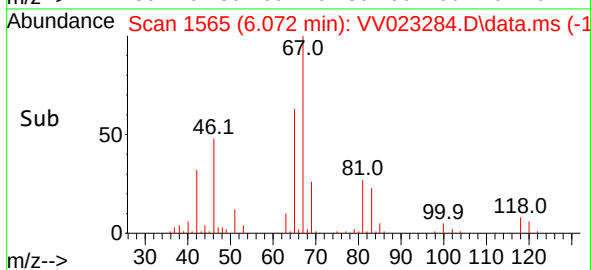
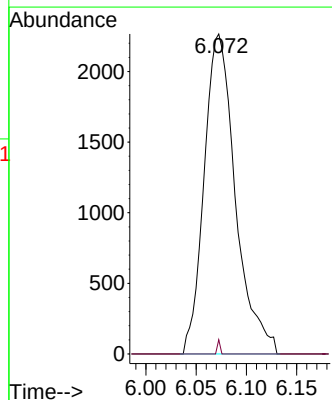
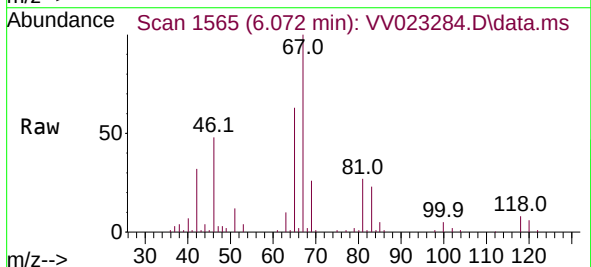
Instrument :
MSVOA_V
ClientSampleId :

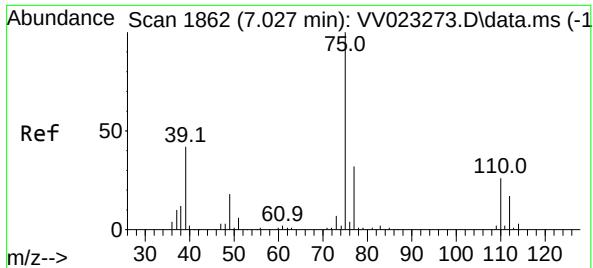
Tgt Ion: 83 Resp: 11367
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 0.8 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV023284.D
Acq: 08 Nov 2021 17:20

Tgt Ion: 63 Resp: 4907
Ion Ratio Lower Upper
63 100
112 0.4 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV023284.D

Acq: 08 Nov 2021 17:20

Instrument :

MSVOA_V

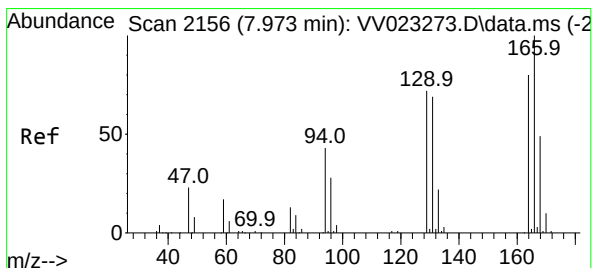
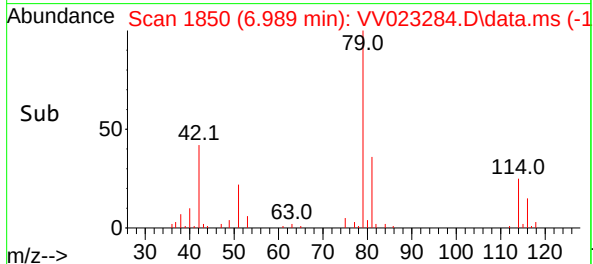
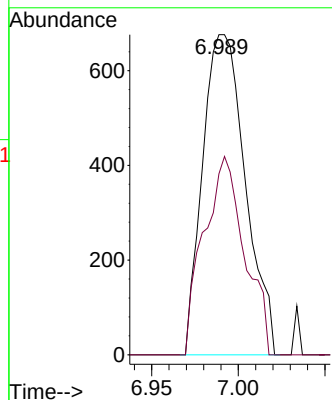
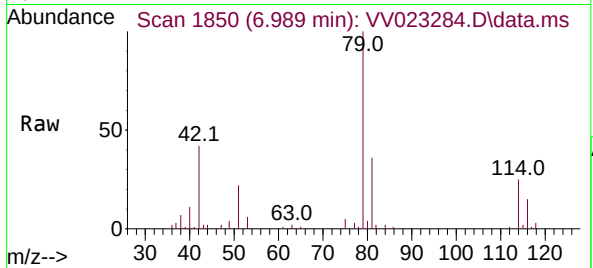
ClientSampleId :

Tgt Ion: 75 Resp: 1163

Ion Ratio Lower Upper

75 100

77 56.5 21.6 40.2#



#47

Tetrachloroethene

Concen: 1.204 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV023284.D

Acq: 08 Nov 2021 17:20

Tgt Ion:164 Resp: 9911

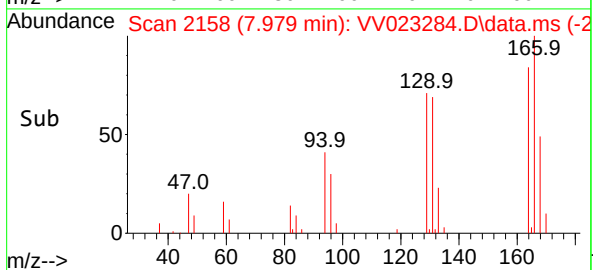
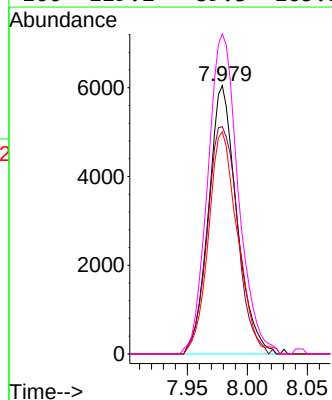
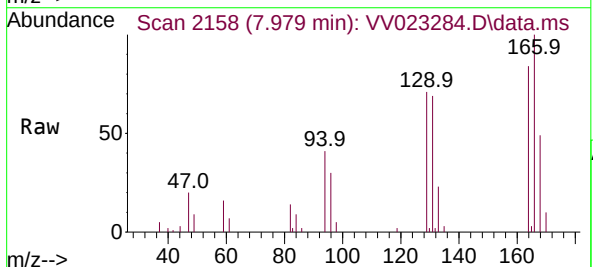
Ion Ratio Lower Upper

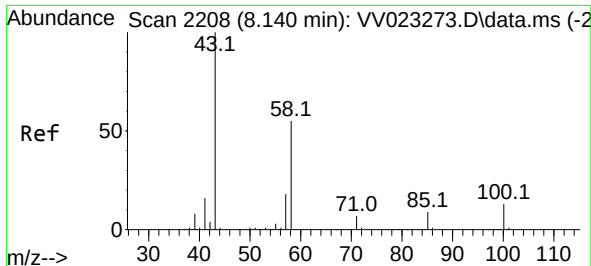
164 100

129 84.7 64.0 119.0

131 82.8 63.4 117.8

166 119.2 89.3 165.9

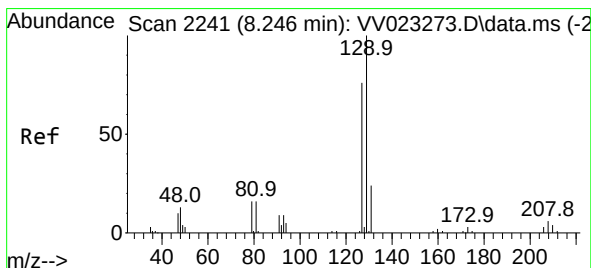
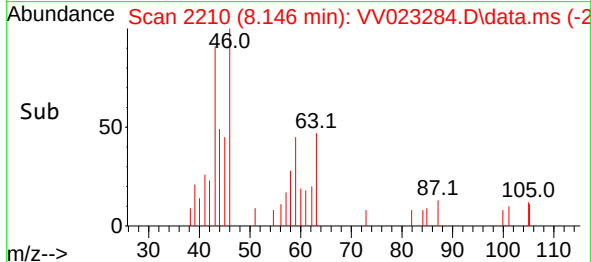
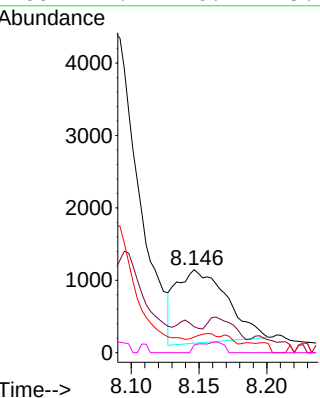
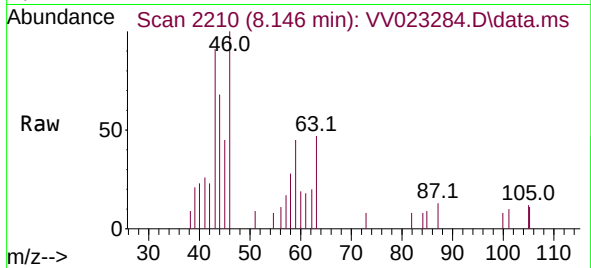




#48
2-Hexanone
Concen: 0.966 ug/L
RT: 8.146 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV023284.D
Acq: 08 Nov 2021 17:20

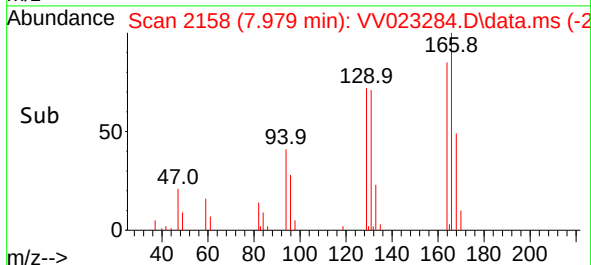
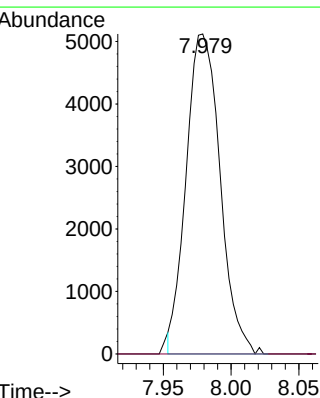
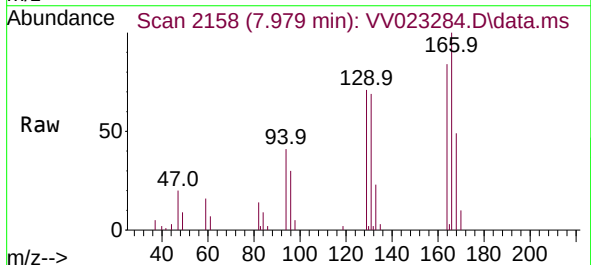
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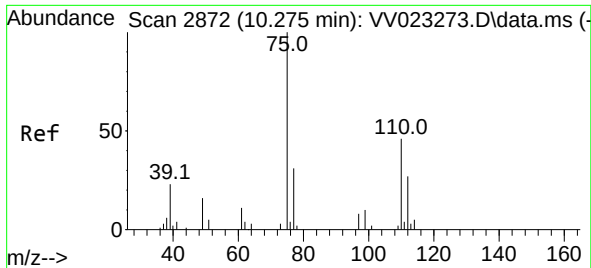
Tgt Ion: 43	Resp: 2619
Ion Ratio	Lower Upper
43	100
58	19.7 43.7 65.5#
57	0.0 14.1 21.1#
100	1.7 10.2 15.2#



#49
Dibromochloromethane
Concen: 1.174 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV023284.D
Acq: 08 Nov 2021 17:20

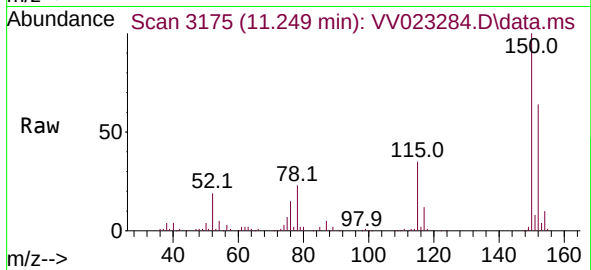
Tgt Ion: 129	Resp: 8914
Ion Ratio	Lower Upper
129	100
127	0.0 54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.596 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV023284.D
 Acq: 08 Nov 2021 17:20

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6567
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.6 39.8
 110 2.6 31.8 47.6#

