

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123021\
 Data File : VW024235.D
 Acq On : 30 Dec 2021 11:34
 Operator : SY/MD
 Sample : M5193-01DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J00DL

Quant Time: Dec 31 03:39:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 31 03:39:03 2021
 Response via : Initial Calibration

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

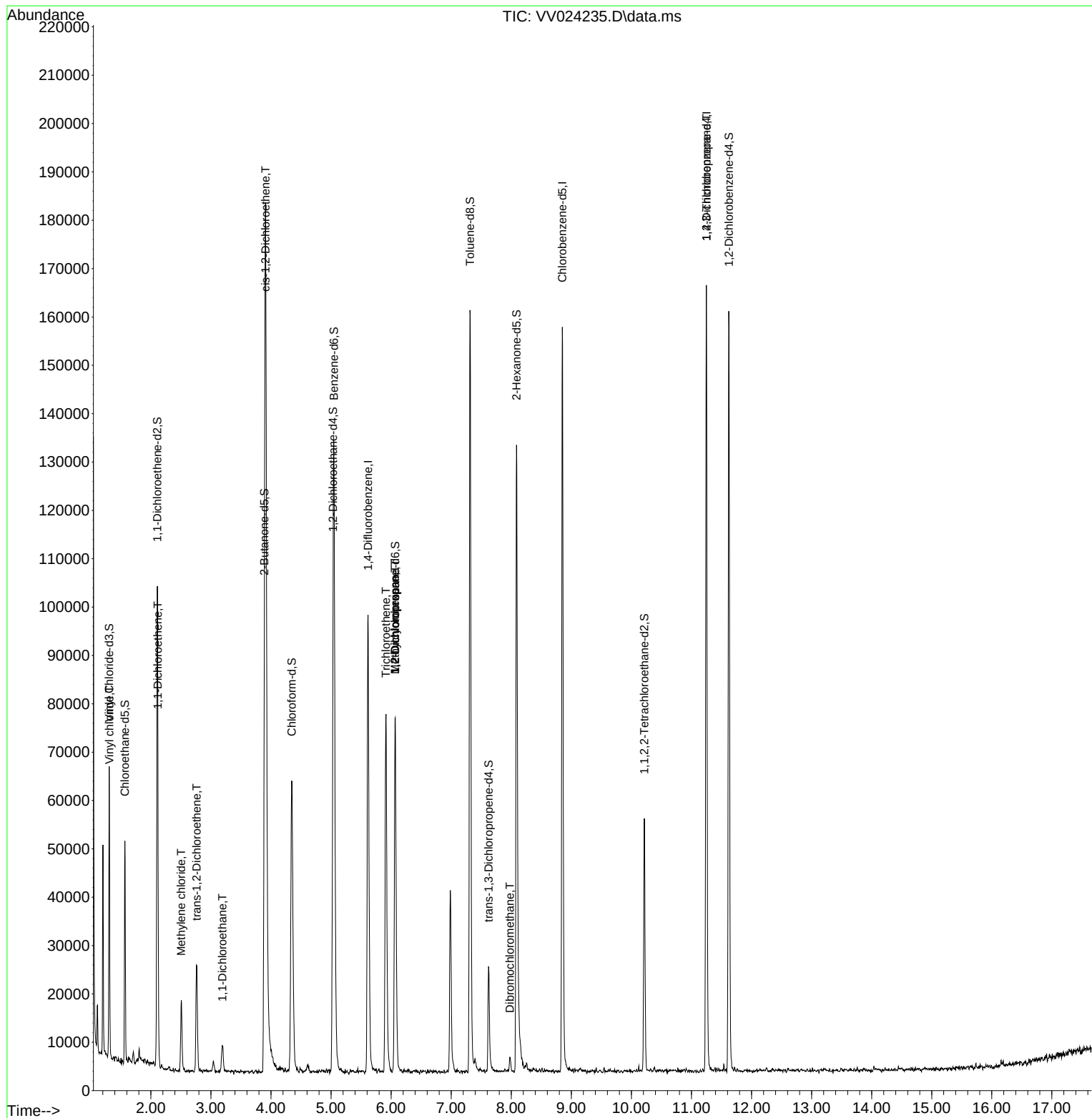
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	84659	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	87926	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	45941	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33895	5.323	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 106.400%		
7) Chloroethane-d5	1.568	69	26090	4.913	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 98.200%		
11) 1,1-Dichloroethene-d2	2.108	63	47774	3.087	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 61.800%		
20) 2-Butanone-d5	3.889	46	54714	77.353	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 154.700%#		
24) Chloroform-d	4.346	84	63438	4.693	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 93.800%		
26) 1,2-Dichloroethane-d4	5.034	65	31956	5.281	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.600%		
32) Benzene-d6	5.047	84	119938	5.051	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.000%		
36) 1,2-Dichloropropane-d6	6.069	67	32772	5.039	ug/L	0.00
41) Toluene-d8	7.313	98	106762	4.562	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 91.200%		
43) trans-1,3-Dichloroprop...	7.622	79	13803	5.012	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 100.200%		
46) 2-Hexanone-d5	8.088	63	44711	48.283	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 96.560%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	22547	5.077	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.600%		
66) 1,2-Dichlorobenzene-d4	11.622	152	41384	5.182	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 103.600%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	661	0.044	ug/L #	1
12) 1,1-Dichloroethene	2.117	96	2647	0.228	ug/L #	1
16) Methylene chloride	2.506	84	6160	0.496	ug/L	88
18) trans-1,2-Dichloroethene	2.760	96	9329	0.756	ug/L	85
19) 1,1-Dichloroethane	3.191	63	5664	0.276	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	89886	7.358	ug/L	97
34) Trichloroethene	5.911	95	24264	1.864	ug/L	95
35) Methylcyclohexane	6.066	83	8661	0.459	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	3969	0.373	ug/L #	84
49) Dibromochloromethane	7.979	129	669	0.063	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	4511	0.830	ug/L #	63

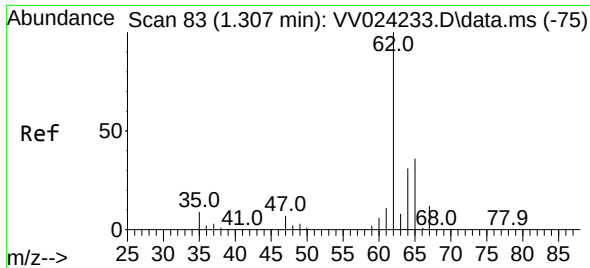
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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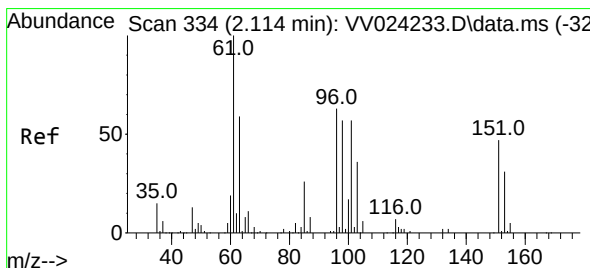
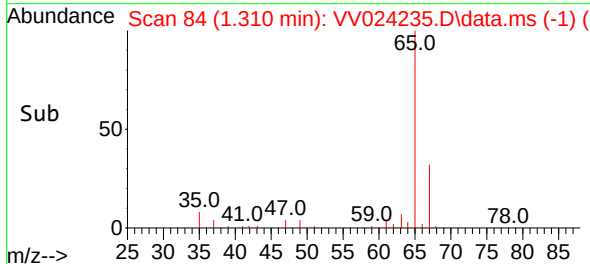
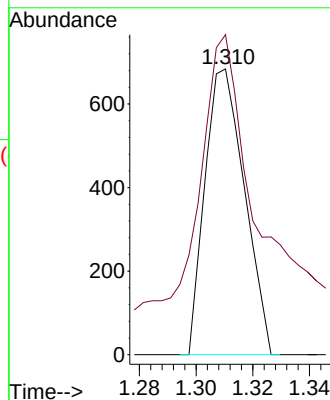
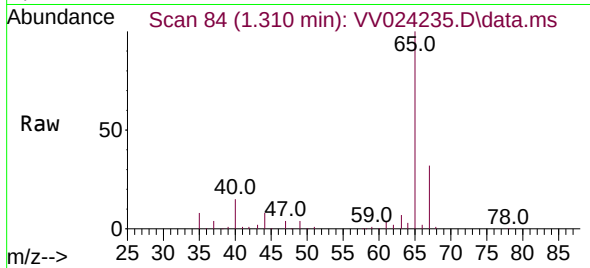




#5
 Vinyl chloride
 Concen: 0.044 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV024235.D
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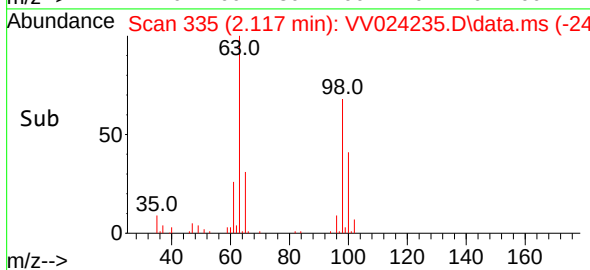
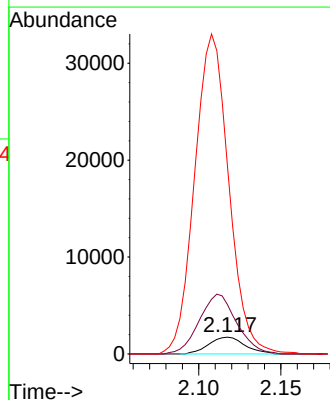
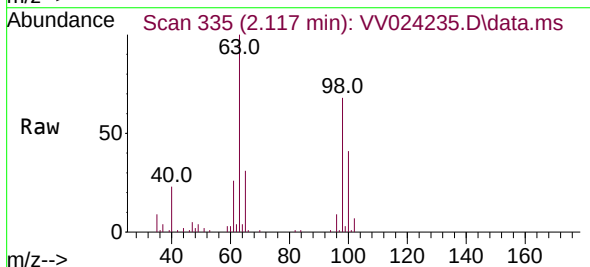
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J00DL

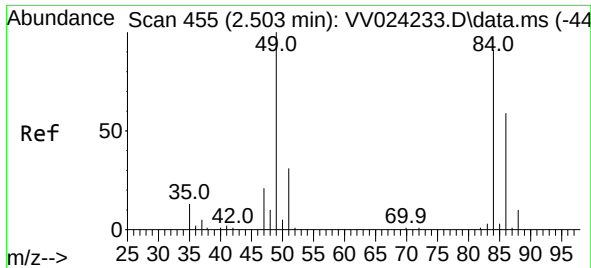
Tgt Ion: 62 Resp: 661
 Ion Ratio Lower Upper
 62 100
 64 112.0 22.4 41.6#



#12
 1,1-Dichloroethene
 Concen: 0.228 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV024235.D
 Acq: 30 Dec 2021 11:34

Tgt Ion: 96 Resp: 2647
 Ion Ratio Lower Upper
 96 100
 61 294.8 116.1 215.5#
 63 1125.1 79.4 147.4#

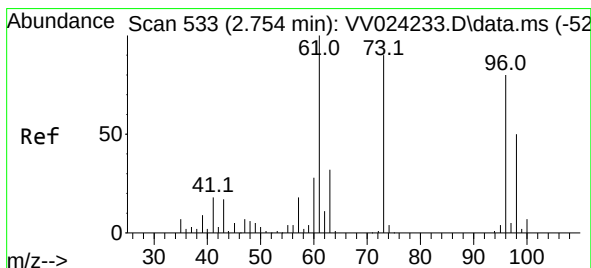
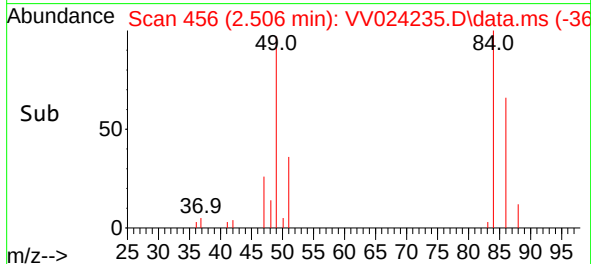
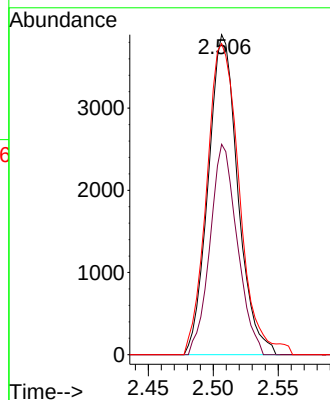
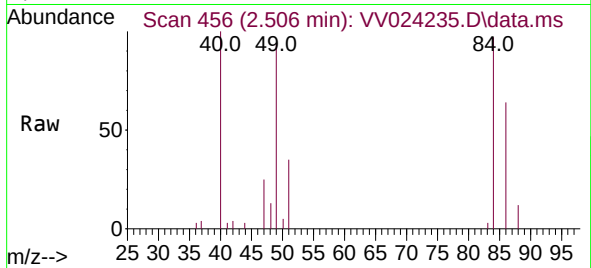




#16
Methylene chloride
Concen: 0.496 ug/L
RT: 2.506 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024235.D
Acq: 30 Dec 2021 11:34

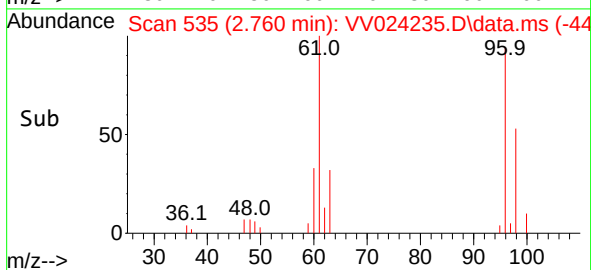
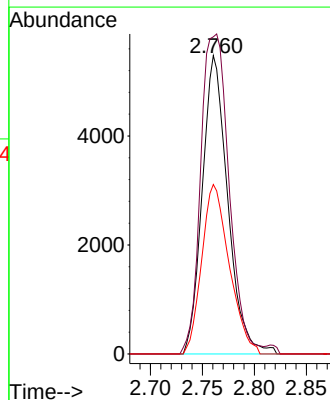
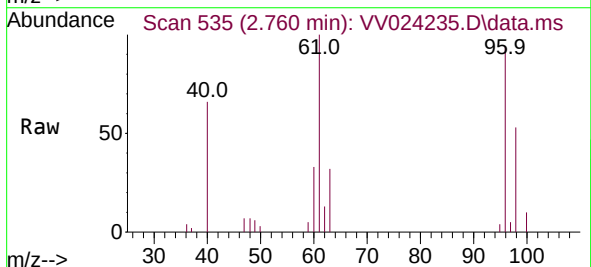
Instrument :
MSVOA_V
ClientSampleId :
C0J00DL

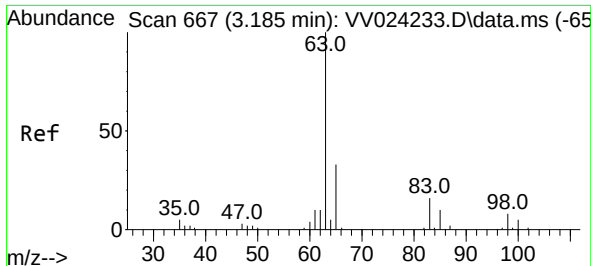
Tgt Ion: 84 Resp: 6160
Ion Ratio Lower Upper
84 100
86 65.8 42.6 79.0
49 97.2 79.7 147.9



#18
trans-1,2-Dichloroethene
Concen: 0.756 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV024235.D
Acq: 30 Dec 2021 11:34

Tgt Ion: 96 Resp: 9329
Ion Ratio Lower Upper
96 100
61 106.3 88.2 163.8
98 56.8 44.9 83.5





#19

1,1-Dichloroethane

Concen: 0.276 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.006 min

Lab File: VV024235.D

Acq: 30 Dec 2021 11:34

Instrument :

MSVOA_V

ClientSampleId :

C0J00DL

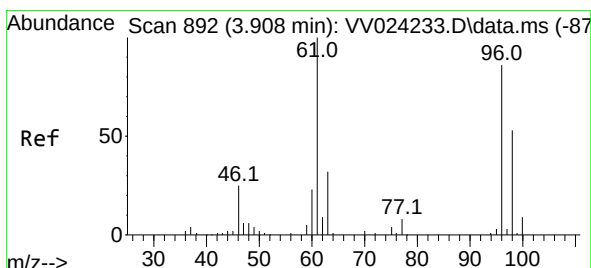
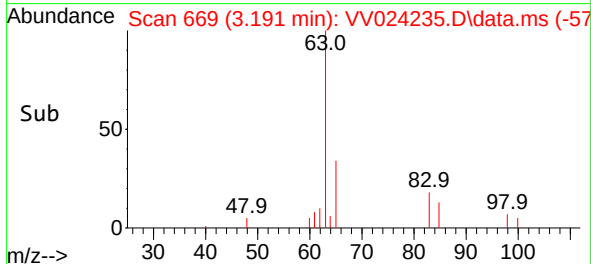
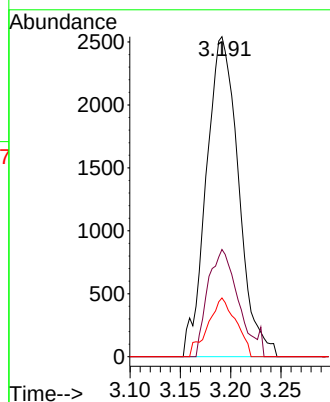
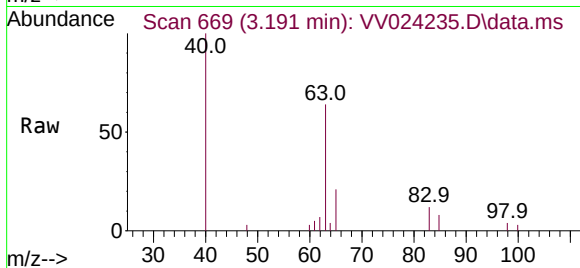
Tgt Ion: 63 Resp: 5664

Ion Ratio Lower Upper

63 100

65 33.5 22.3 41.3

83 18.4 10.7 19.9



#22

cis-1,2-Dichloroethene

Concen: 7.358 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.000 min

Lab File: VV024235.D

Acq: 30 Dec 2021 11:34

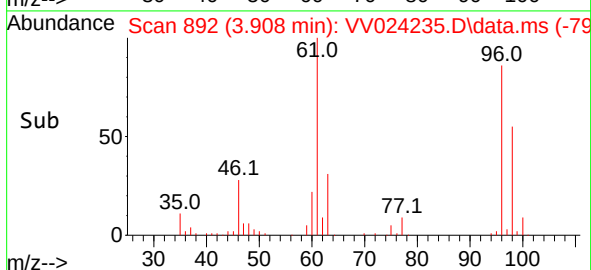
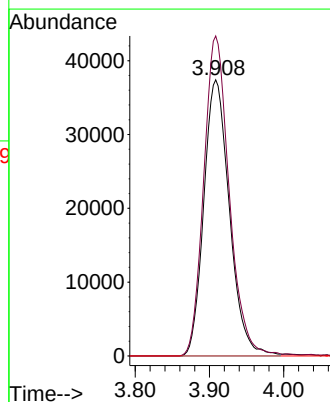
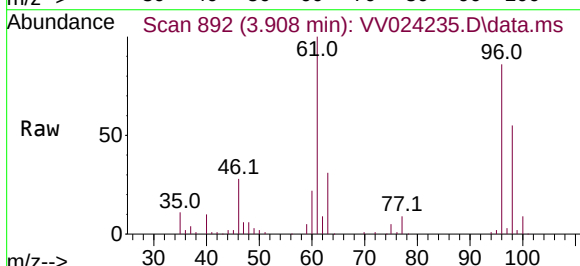
Tgt Ion: 96 Resp: 89886

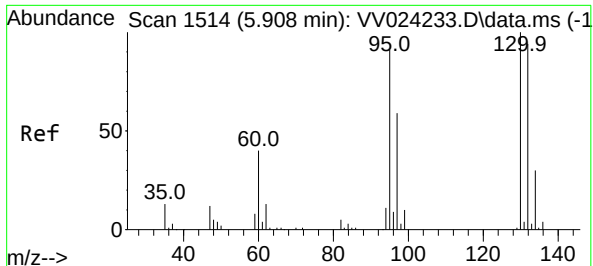
Ion Ratio Lower Upper

96 100

61 115.9 83.4 154.8

68 0.0 0.0 0.0

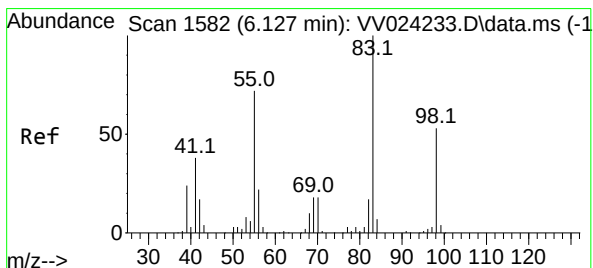
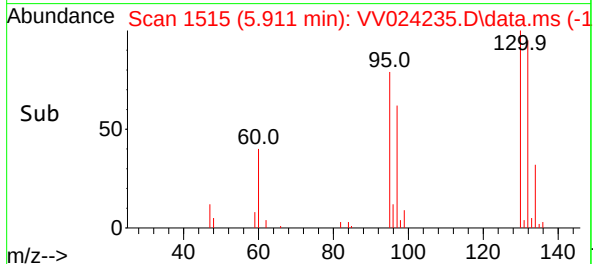
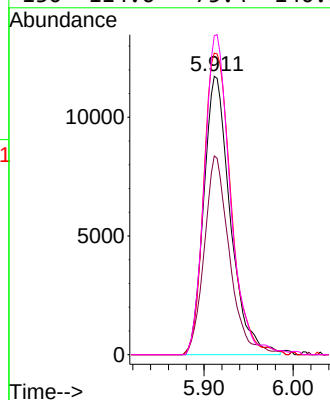
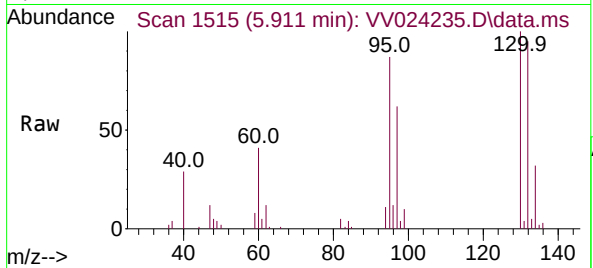




#34
Trichloroethene
Concen: 1.864 ug/L
RT: 5.911 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV024235.D
Acq: 30 Dec 2021 11:34

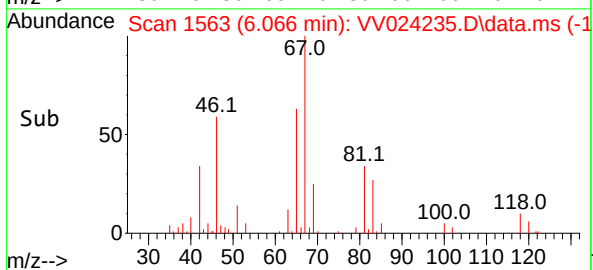
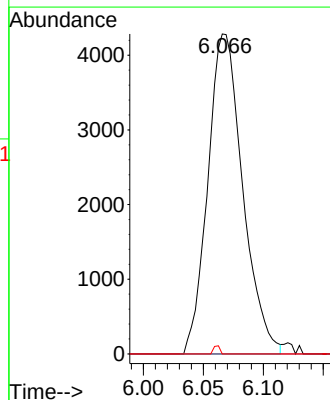
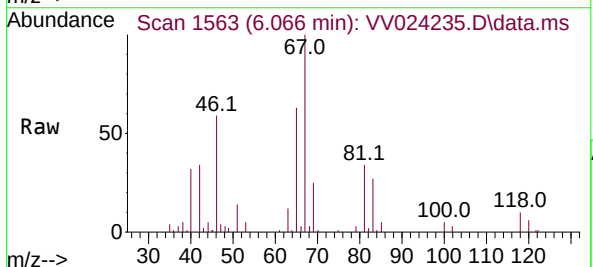
Instrument :
MSVOA_V
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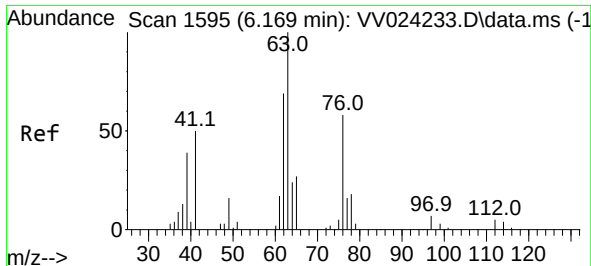
Tgt Ion: 95 Resp: 24264
Ion Ratio Lower Upper
95 100
97 71.4 45.2 84.0
132 108.4 76.1 141.3
130 114.6 75.4 140.0



#35
Methylcyclohexane
Concen: 0.459 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV024235.D
Acq: 30 Dec 2021 11:34

Tgt Ion: 83 Resp: 8661
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 0.5 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.373 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV024235.D

Acq: 30 Dec 2021 11:34

Instrument :

MSVOA_V

ClientSampleId :

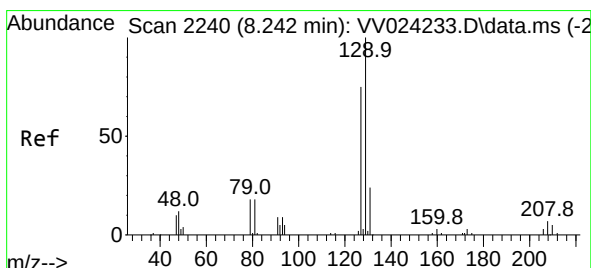
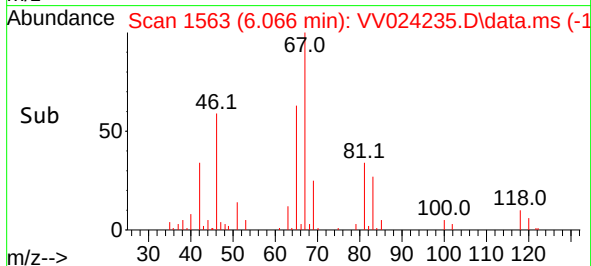
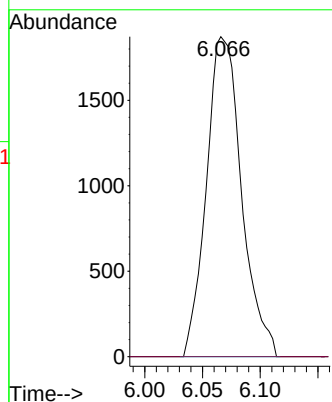
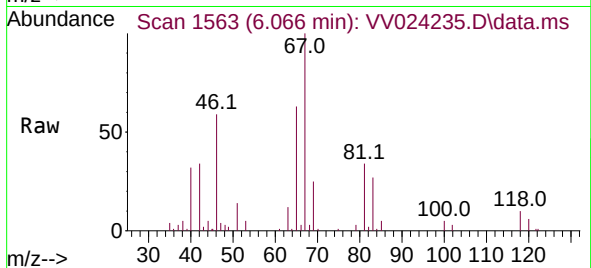
C0J00DL

Tgt Ion: 63 Resp: 3969

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#49

Dibromochloromethane

Concen: 0.063 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV024235.D

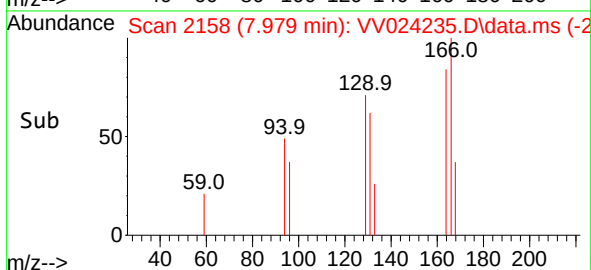
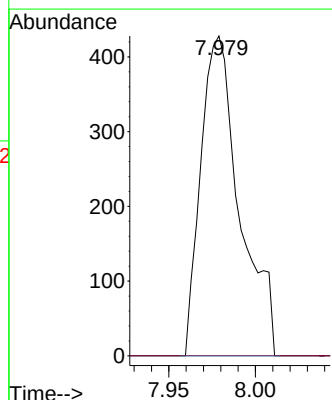
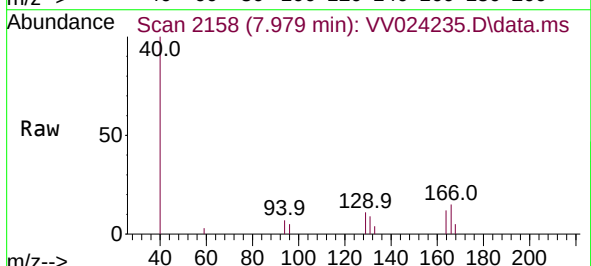
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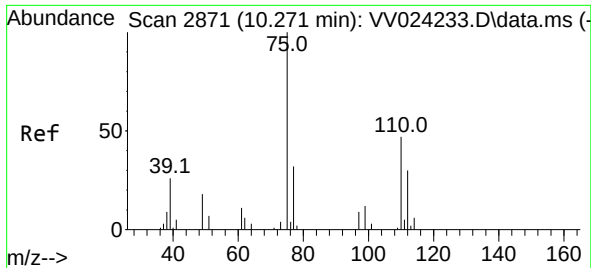
Tgt Ion: 129 Resp: 669

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#





#61

1,2,3-Trichloropropane

Concen: 0.830 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV024235.D

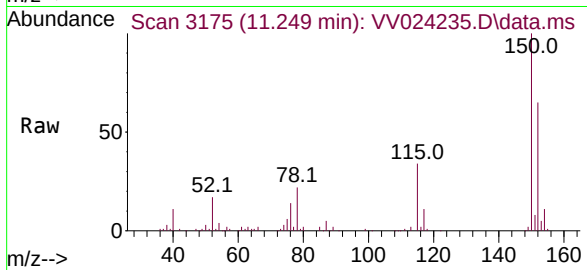
Acq: 30 Dec 2021 11:34

Instrument :

MSVOA_V

ClientSampleId :

C0J00DL



Tgt Ion: 75 Resp: 4511

Ion Ratio Lower Upper

75 100

77 34.3 26.4 39.6

110 1.5 34.2 51.2#

