

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024012.D
 Acq On : 16 Dec 2021 14:52
 Operator : SY/MD
 Sample : M5090-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 02:01:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	99907	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	104014	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54505	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36461	6.789	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	135.800%#
7) Chloroethane-d5	1.568	69	16207	3.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.114	63	44309	4.226	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	3.912	46	97096	92.533	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	185.060%#
24) Chloroform-d	4.349	84	50489	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.034	65	26751	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.053	84	77518	3.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.069	67	26826	4.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.317	98	59051	3.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.600%#
43) trans-1,3-Dichloroprop...	7.625	79	9587	3.718	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.088	63	58748	50.895	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24502	4.752	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	30919	4.247	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%

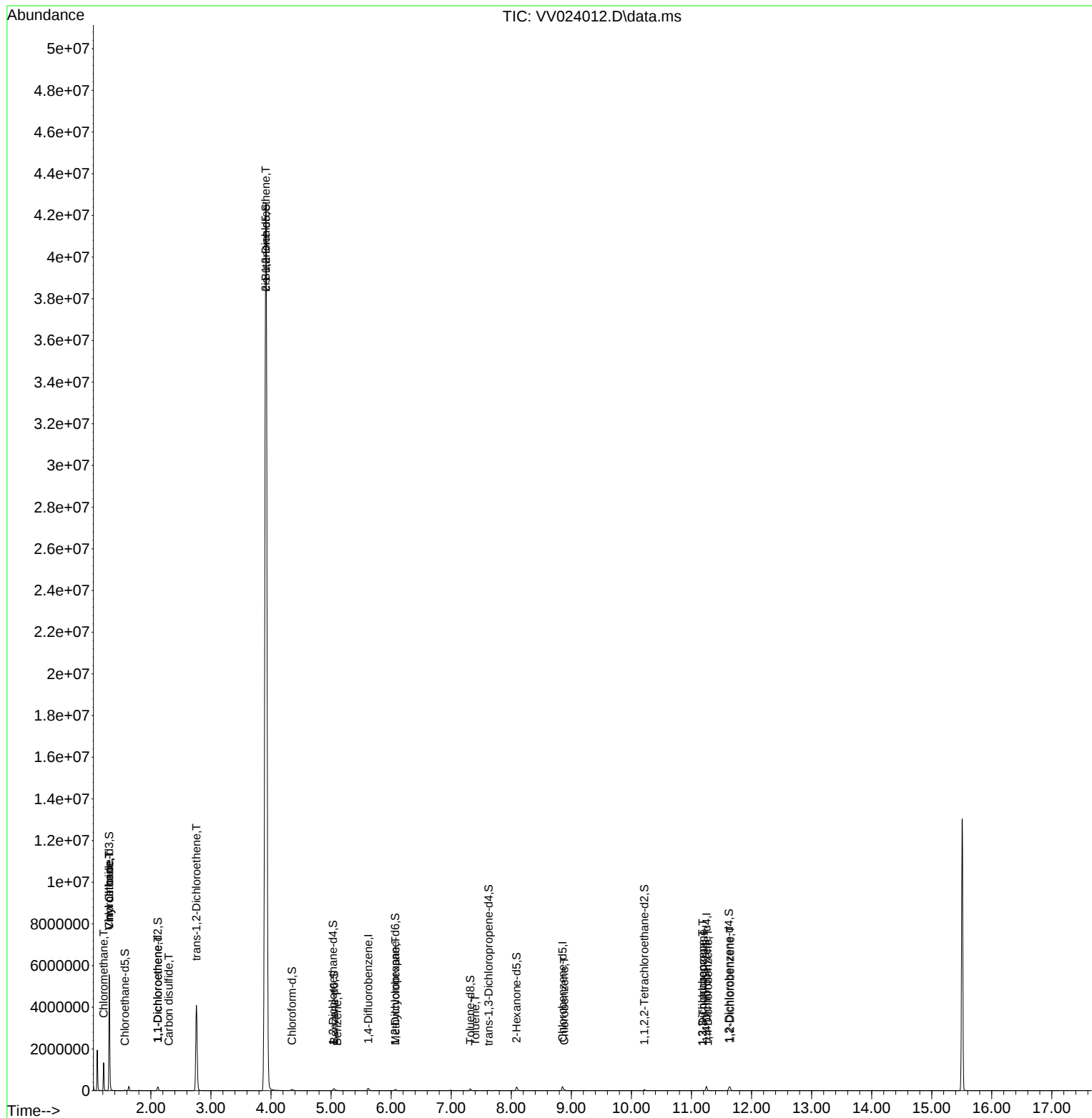
Target Compounds				Qvalue		
3) Chloromethane	1.214	50	8243	1.109	ug/L #	68
5) Vinyl chloride	1.307	62	2718607	337.356	ug/L	98
8) Chloroethane	1.307	64	884897	168.759	ug/L #	44
12) 1,1-Dichloroethene	2.118	96	44470	6.634	ug/L #	85
14) Carbon disulfide	2.298	76	1424	0.073	ug/L #	71
18) trans-1,2-Dichloroethene	2.757	96	1492184	201.101	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	23246951	2959.767	ug/L	83
33) Benzene	5.105	78	15320	0.521	ug/L	100
35) Methylcyclohexane	6.072	83	7149	0.585	ug/L #	18
42) Toluene	7.400	91	3286	0.099	ug/L	98
51) Chlorobenzene	8.883	112	27764	1.254	ug/L	96
61) 1,2,3-Trichloropropane	11.188	75	1618	0.436	ug/L #	43
64) 1,3-Dichlorobenzene	11.185	146	5915	0.361	ug/L	92
65) 1,4-Dichlorobenzene	11.275	146	5010	0.305	ug/L	95
67) 1,2-Dichlorobenzene	11.645	146	60841	4.058	ug/L	99

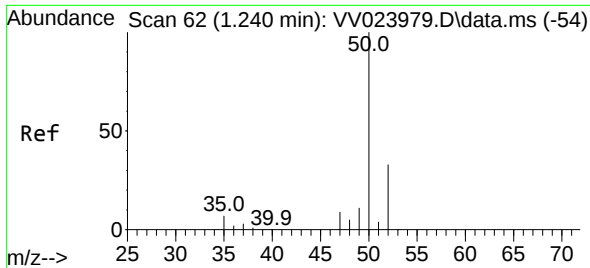
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
Response via : Initial Calibration

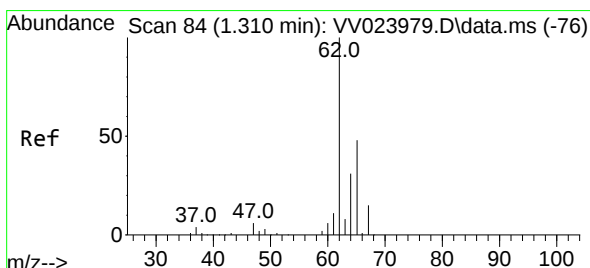
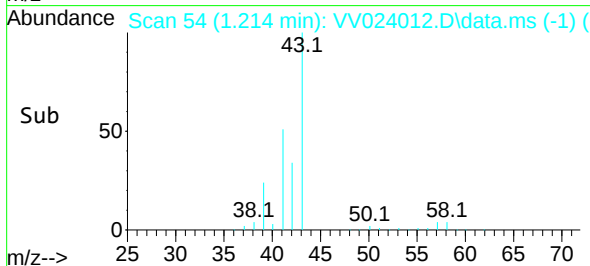
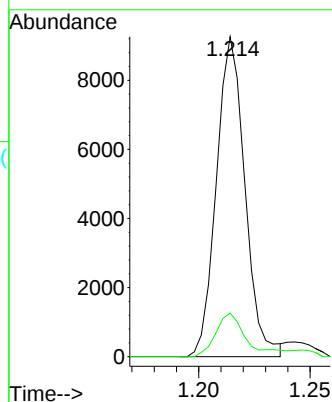
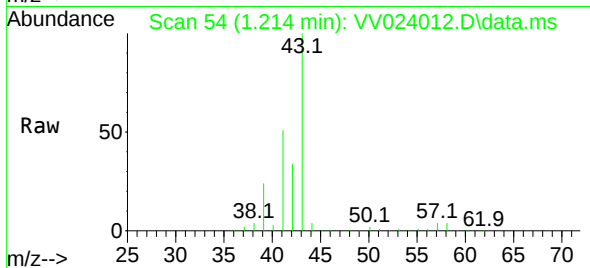




#3
Chloromethane
Concen: 1.109 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.026 min
Lab File: VV024012.D
Acq: 16 Dec 2021 14:52

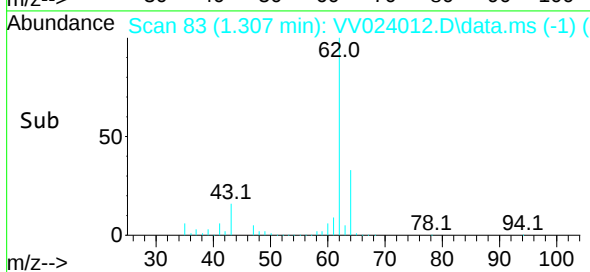
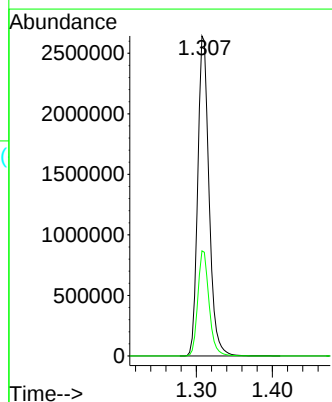
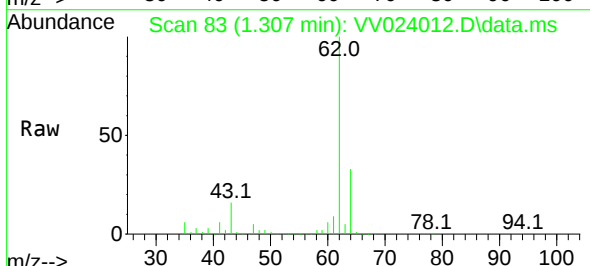
Instrument :
MSVOA_V
ClientSampleId :

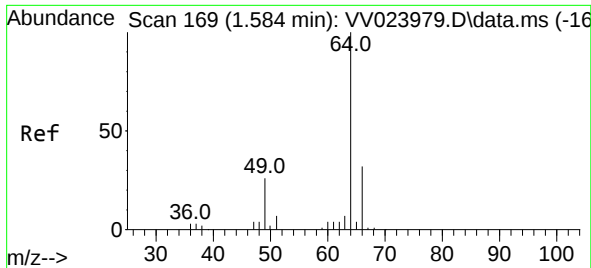
Tgt Ion: 50 Resp: 8243
Ion Ratio Lower Upper
50 100
52 13.6 22.0 41.0#



#5
Vinyl chloride
Concen: 337.356 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV024012.D
Acq: 16 Dec 2021 14:52

Tgt Ion: 62 Resp: 2718607
Ion Ratio Lower Upper
62 100
64 32.9 22.4 41.6

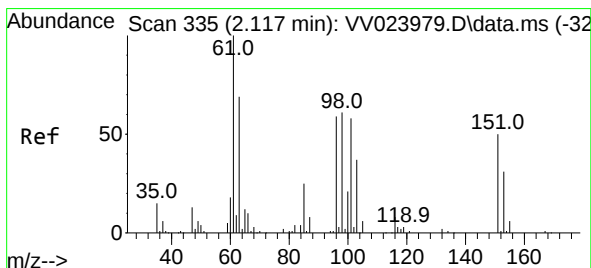
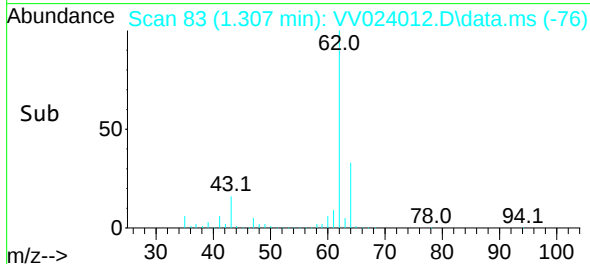
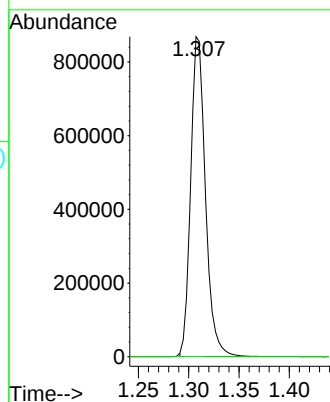
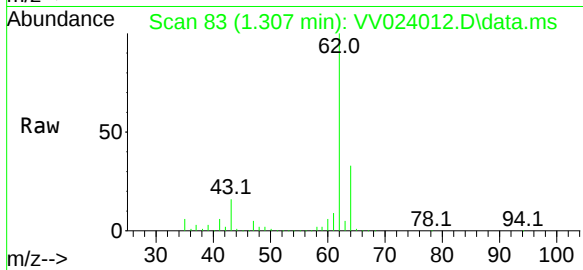




#8
Chloroethane
Concen: 168.759 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.276 min
Lab File: VV024012.D
Acq: 16 Dec 2021 14:52

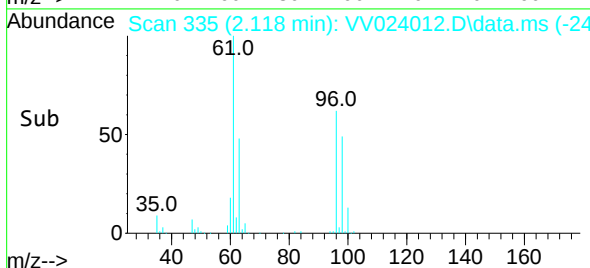
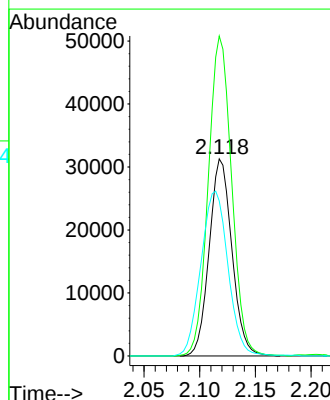
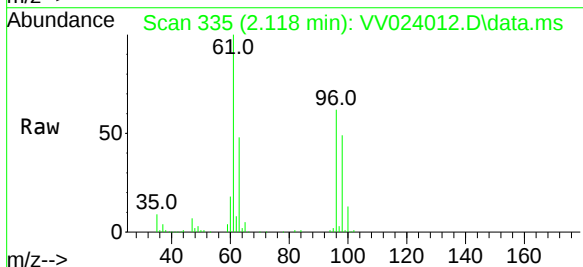
Instrument :
MSVOA_V
ClientSampleId :

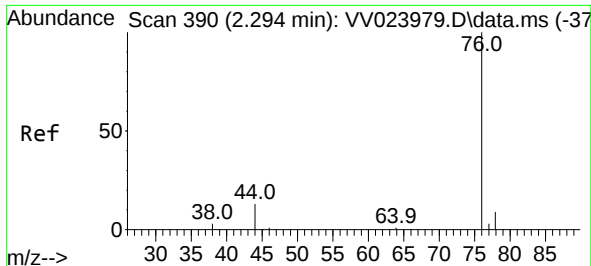
Tgt Ion: 64 Resp: 884897
Ion Ratio Lower Upper
64 100
66 0.1 21.4 39.8#



#12
1,1-Dichloroethene
Concen: 6.634 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV024012.D
Acq: 16 Dec 2021 14:52

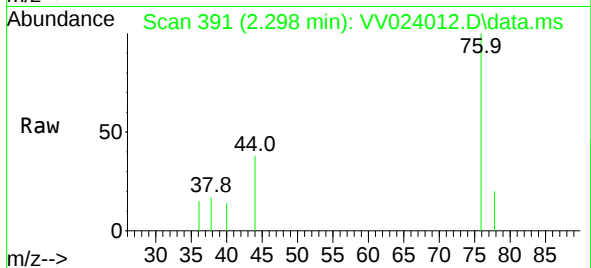
Tgt Ion: 96 Resp: 44470
Ion Ratio Lower Upper
96 100
61 162.3 116.1 215.5
63 78.7 79.4 147.4#



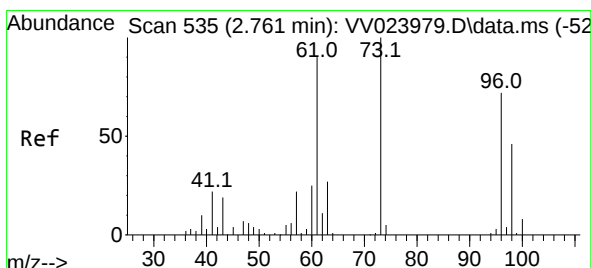
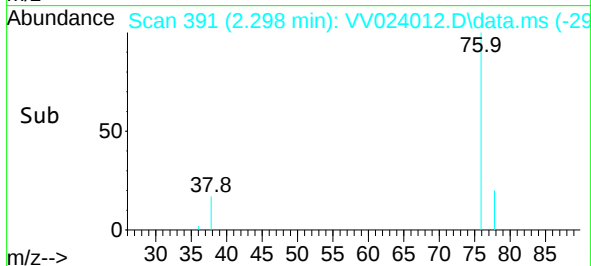
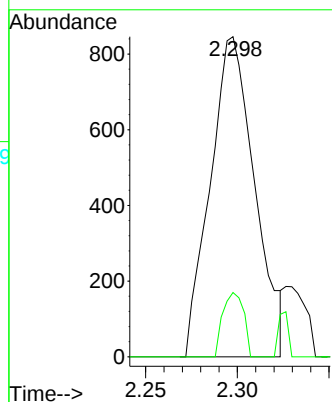


#14
Carbon disulfide
Concen: 0.073 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV024012.D
Acq: 16 Dec 2021 14:52

Instrument :
MSVOA_V
ClientSampleId :

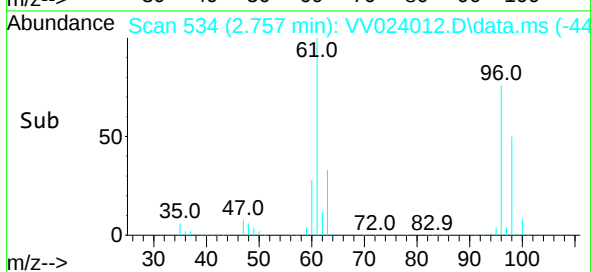
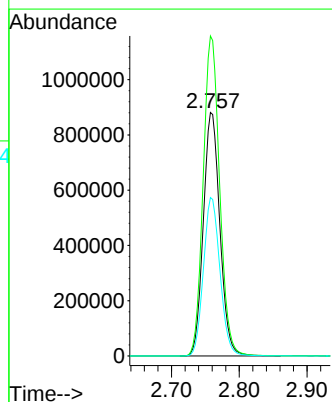
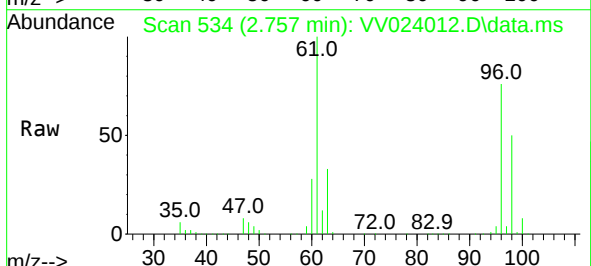


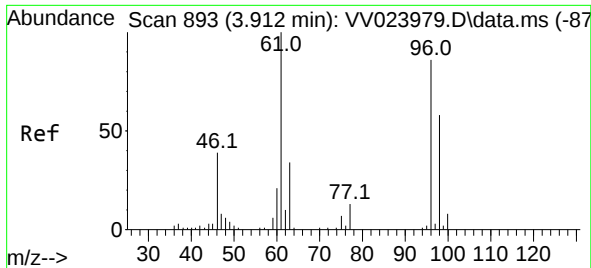
Tgt Ion: 76 Resp: 1424
Ion Ratio Lower Upper
76 100
78 20.1 7.5 11.3#



#18
trans-1,2-Dichloroethene
Concen: 201.101 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV024012.D
Acq: 16 Dec 2021 14:52

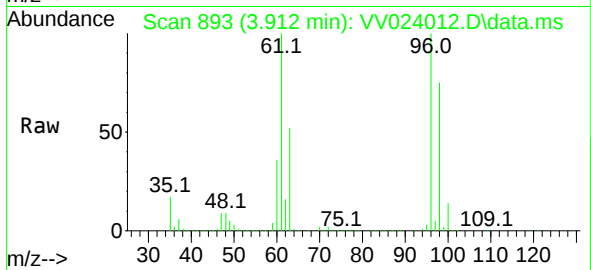
Tgt Ion: 96 Resp: 1492184
Ion Ratio Lower Upper
96 100
61 131.4 88.2 163.8
98 65.1 44.9 83.5





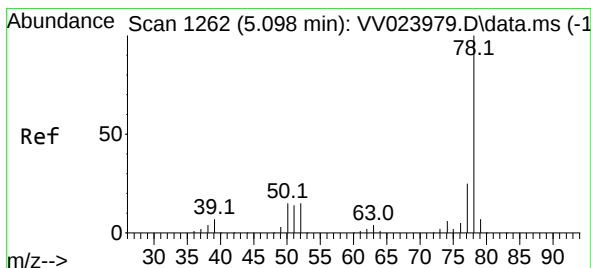
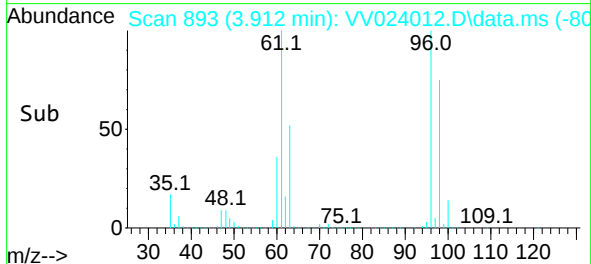
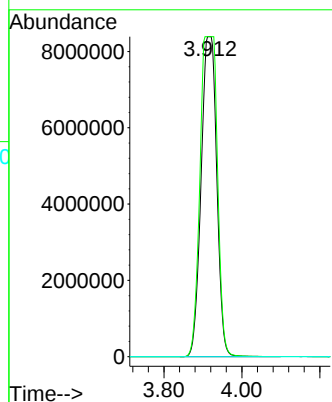
#22
 cis-1,2-Dichloroethene
 Concen: 2959.767 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.000 min
 Lab File: VV024012.D
 Acq: 16 Dec 2021 14:52

Instrument :
 MSVOA_V
 ClientSampleId :



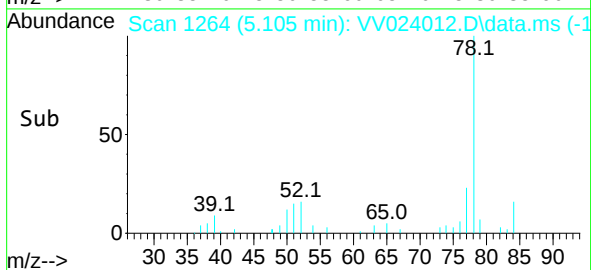
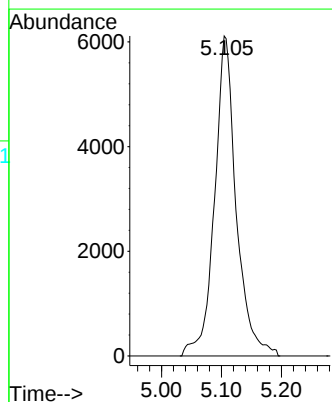
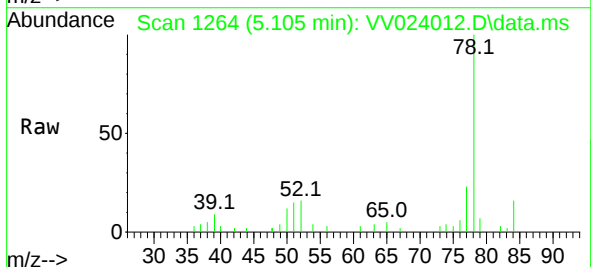
Tgt Ion: 96 Resp: 23246951

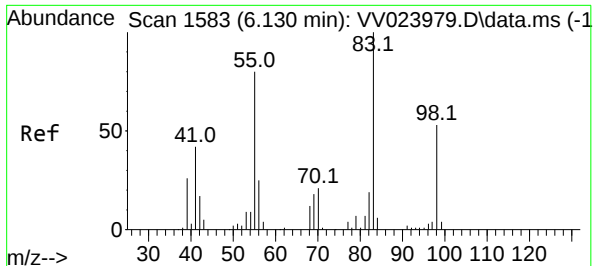
Ion	Ratio	Lower	Upper
96	100		
61	100.0	83.4	154.8
68	0.0	0.0	0.0



#33
 Benzene
 Concen: 0.521 ug/L
 RT: 5.105 min Scan# 1264
 Delta R.T. 0.007 min
 Lab File: VV024012.D
 Acq: 16 Dec 2021 14:52

Tgt Ion: 78 Resp: 15320





#35

Methylcyclohexane

Concen: 0.585 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV024012.D

Acq: 16 Dec 2021 14:52

Instrument :

MSVOA_V

ClientSampleId :

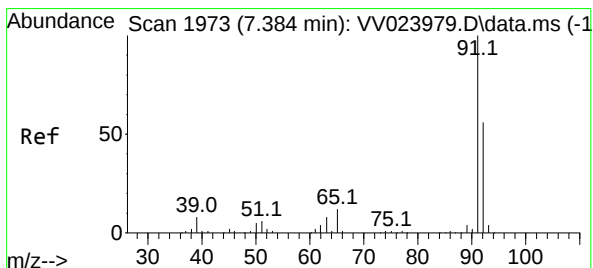
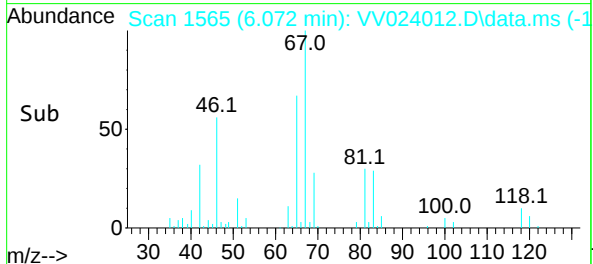
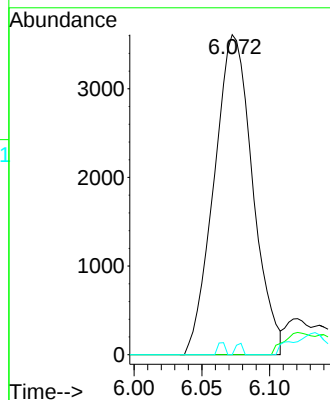
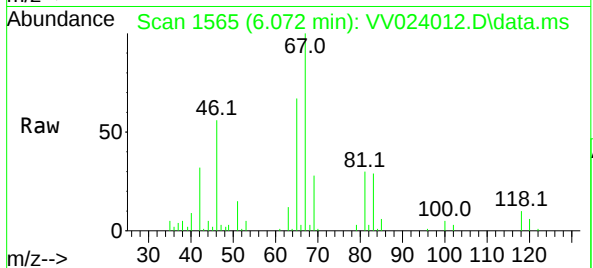
Tgt Ion: 83 Resp: 7149

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 0.6 41.0 61.4#



#42

Toluene

Concen: 0.099 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV024012.D

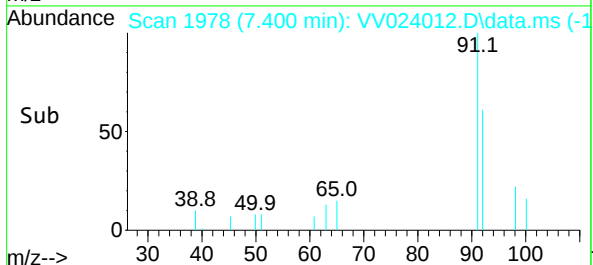
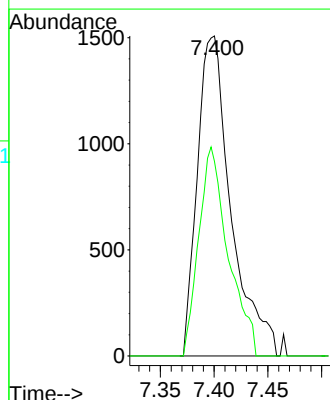
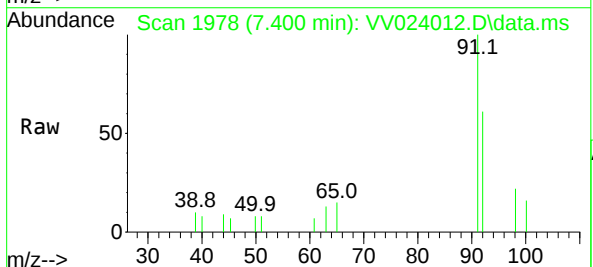
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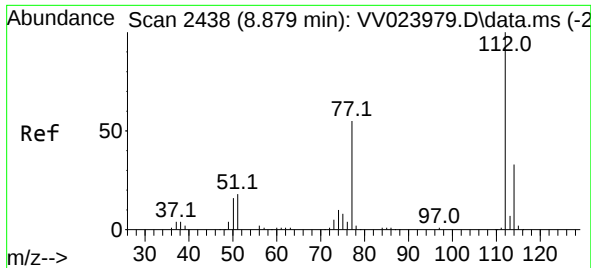
Tgt Ion: 91 Resp: 3286

Ion Ratio Lower Upper

91 100

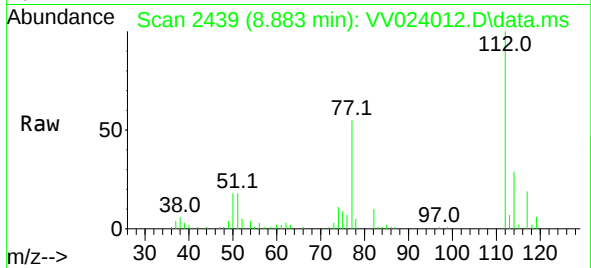
92 60.9 41.5 77.1



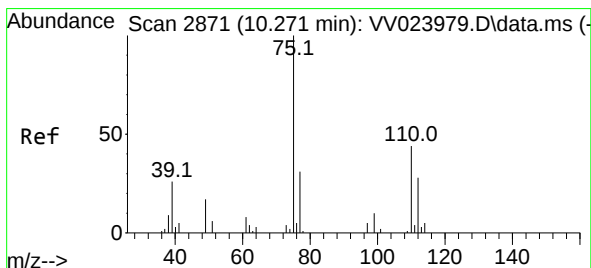
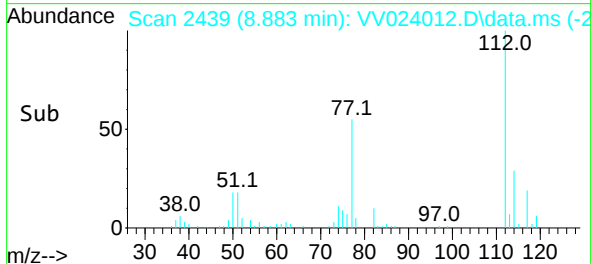
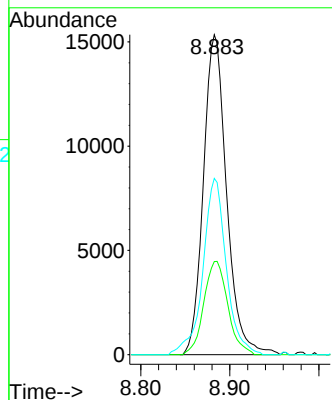


#51
Chlorobenzene
Concen: 1.254 ug/L
RT: 8.883 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV024012.D
Acq: 16 Dec 2021 14:52

Instrument :
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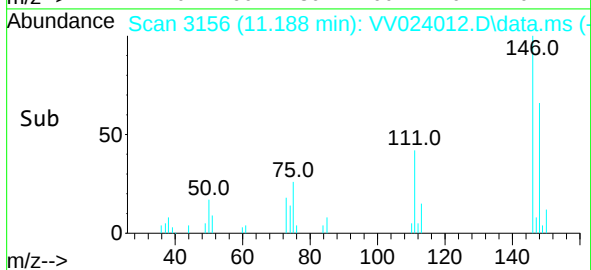
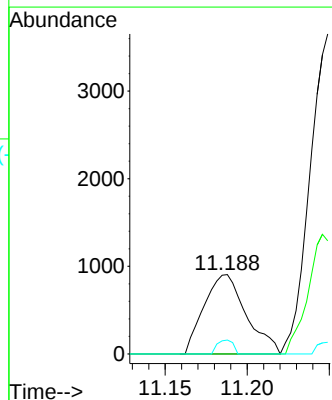
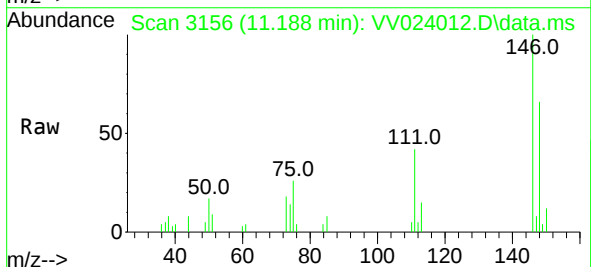


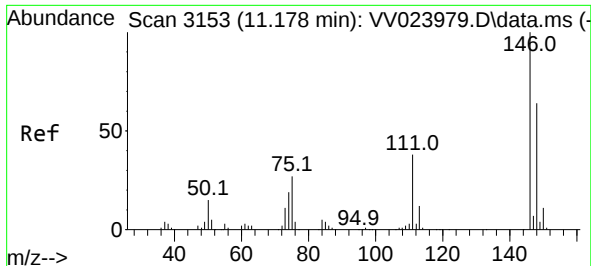
Tgt Ion:112 Resp: 27764
Ion Ratio Lower Upper
112 100
114 29.1 23.3 43.3
77 55.1 43.3 64.9



#61
1,2,3-Trichloropropane
Concen: 0.436 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.916 min
Lab File: VV024012.D
Acq: 16 Dec 2021 14:52

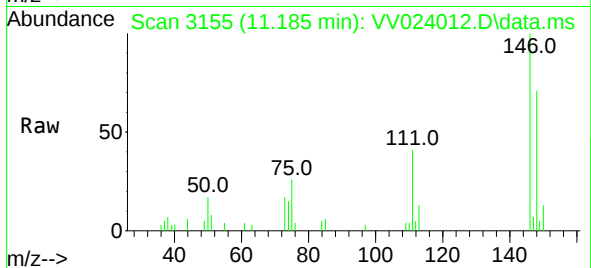
Tgt Ion: 75 Resp: 1618
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
110 6.6 34.2 51.2#



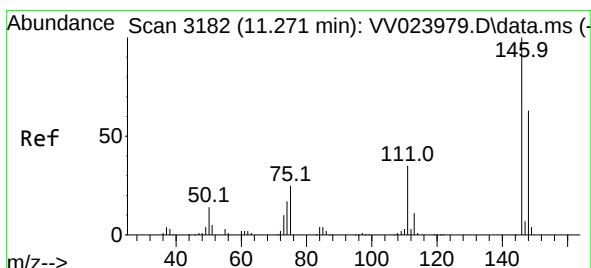
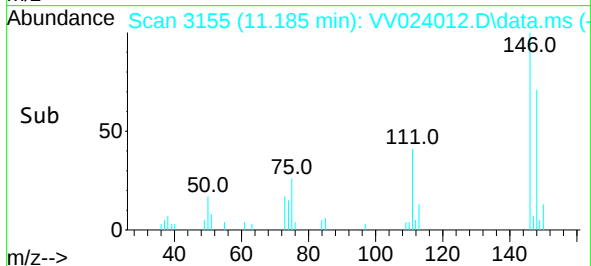
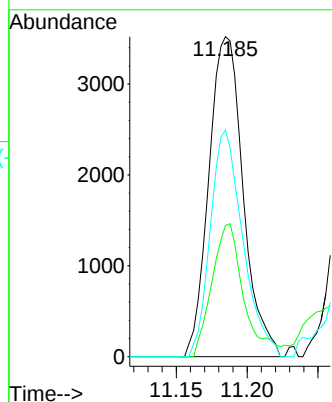


#64
1,3-Dichlorobenzene
Concen: 0.361 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV024012.D
Acq: 16 Dec 2021 14:52

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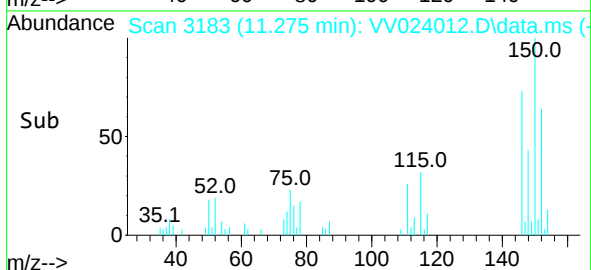
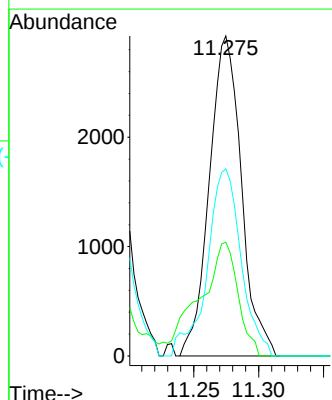
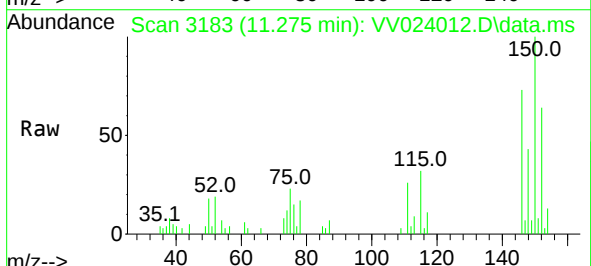


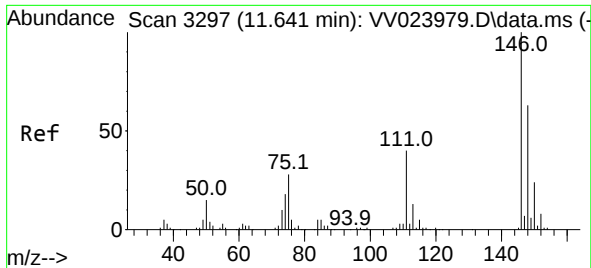
Tgt Ion:146 Resp: 5915
Ion Ratio Lower Upper
146 100
111 41.0 26.3 48.9
148 70.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 0.305 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV024012.D
Acq: 16 Dec 2021 14:52

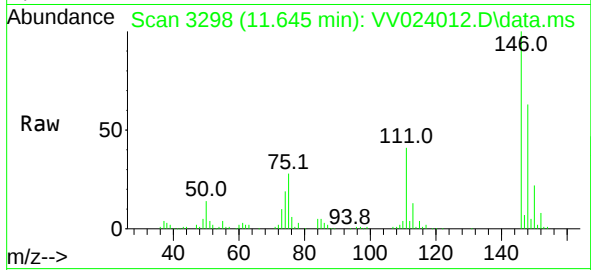
Tgt Ion:146 Resp: 5010
Ion Ratio Lower Upper
146 100
111 35.5 25.6 47.6
148 58.5 44.8 83.2





#67
 1,2-Dichlorobenzene
 Concen: 4.058 ug/L
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV024012.D
 Acq: 16 Dec 2021 14:52

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:146 Resp: 60841
 Ion Ratio Lower Upper
 146 100
 111 40.8 31.9 47.9
 148 62.7 50.5 75.7

