

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121121\
 Data File : VW023934.D
 Acq On : 11 Dec 2021 16:30
 Operator : SY/MD
 Sample : M5005-08DL2 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 00:27:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

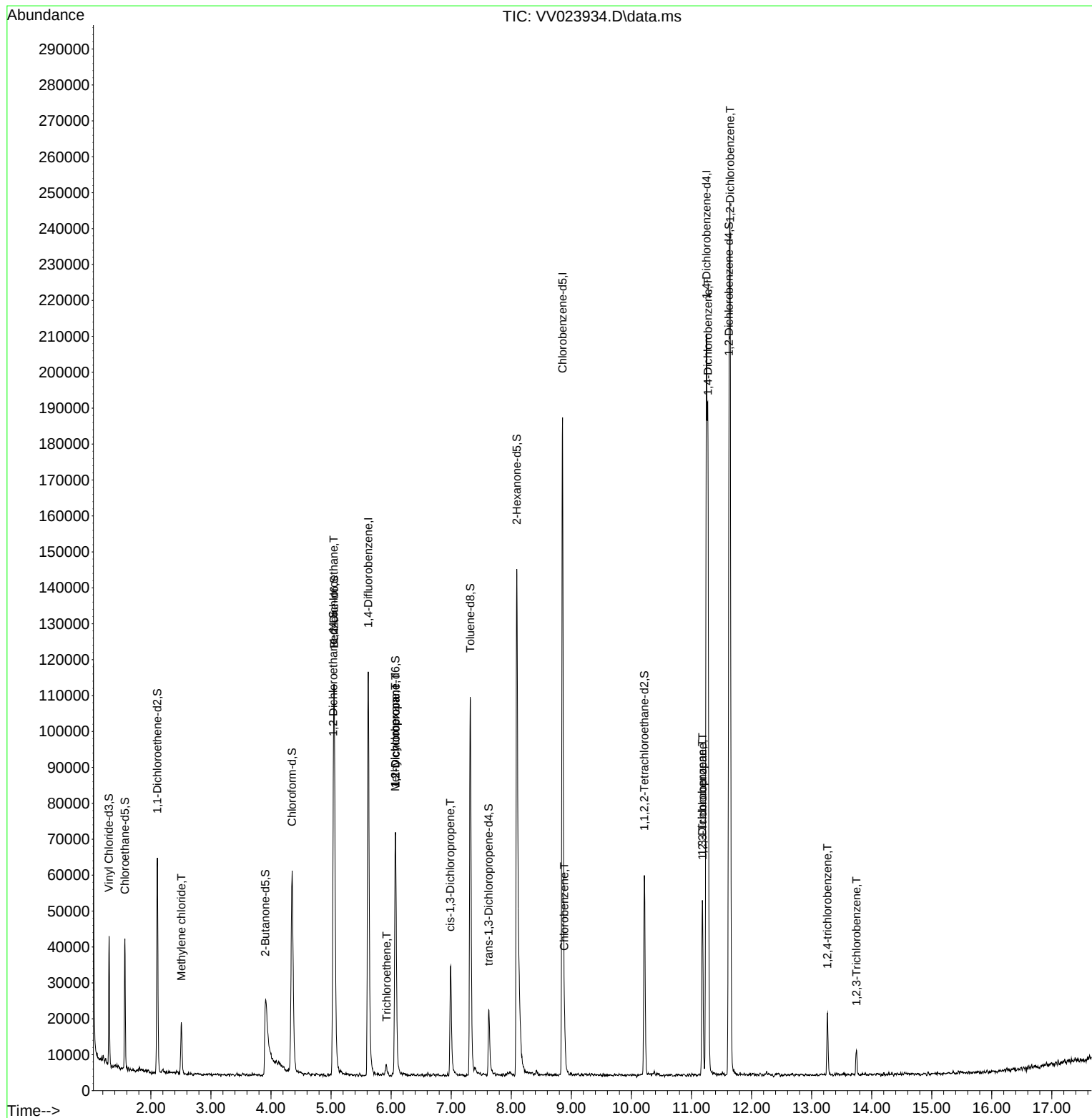
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100850	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102449	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52344	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	21080	3.888	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.568	69	21438	4.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.108	63	28743	2.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.400%#
20) 2-Butanone-d5	3.908	46	52303	49.379	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.760%
24) Chloroform-d	4.352	84	56459	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.037	65	29923	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.053	84	93621	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.072	67	31446	5.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.317	98	72483	3.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	7.625	79	11537	4.543	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.092	63	59313	52.169	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.340%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25835	5.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	37233	5.325	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.510	84	5565	0.629	ug/L	93
27) 1,2-Dichloroethane	5.047	62	684	0.084	ug/L #	73
34) Trichloroethene	5.924	95	629	0.077	ug/L #	76
35) Methylcyclohexane	6.069	83	8367	0.695	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	3867	0.561	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	924	0.090	ug/L	97
51) Chlorobenzene	8.883	112	6247	0.287	ug/L	96
61) 1,2,3-Trichloropropane	11.185	75	5673	1.591	ug/L #	45
64) 1,3-Dichlorobenzene	11.181	146	20905	1.330	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	71128	4.506	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	85841	5.961	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	5670	0.558	ug/L	96
72) 1,2,3-Trichlorobenzene	13.747	180	2568	0.286	ug/L	96

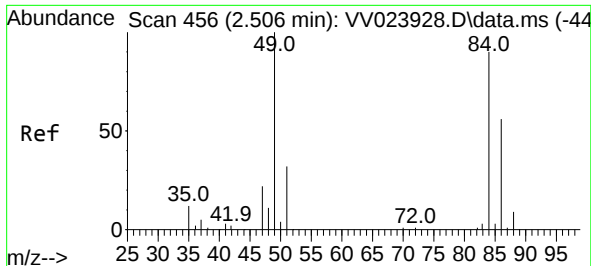
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121121\
Data File : VV023934.D
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Misc : 25.0mL/MSVOA_V/WATER
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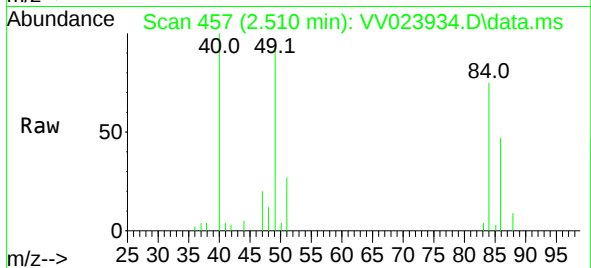
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 11 04:33:17 2021
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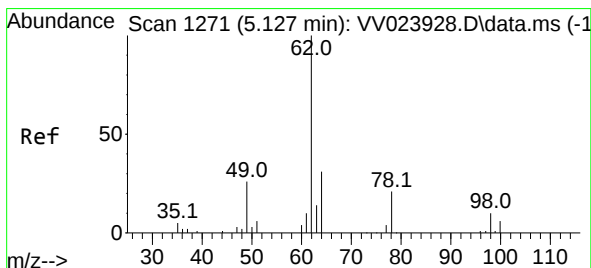
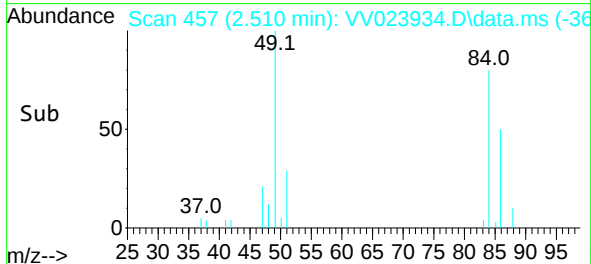
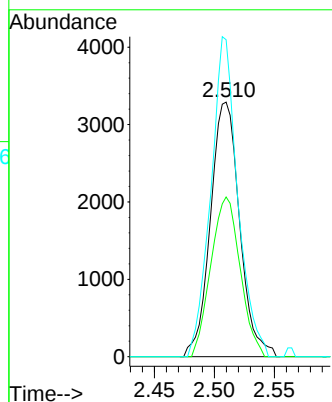


#16
Methylene chloride
Concen: 0.629 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023934.D
Acq: 11 Dec 2021 16:30

Instrument :
MSVOA_V
ClientSampleId :

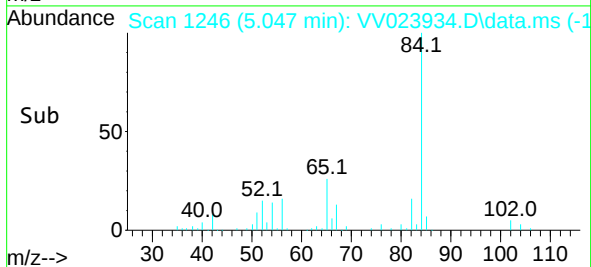
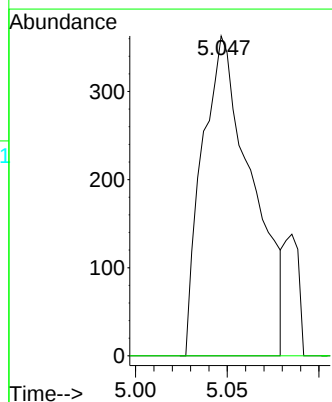
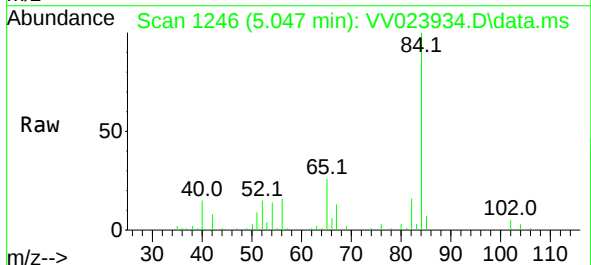


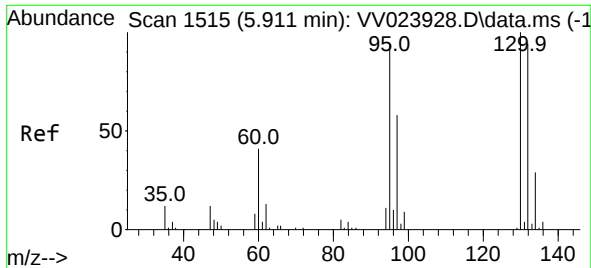
Tgt Ion: 84 Resp: 5565
Ion Ratio Lower Upper
84 100
86 62.7 42.6 79.0
49 124.5 79.7 147.9



#27
1,2-Dichloroethane
Concen: 0.084 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.083 min
Lab File: VV023934.D
Acq: 11 Dec 2021 16:30

Tgt Ion: 62 Resp: 684
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#

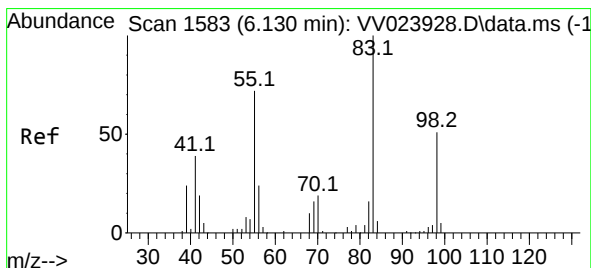
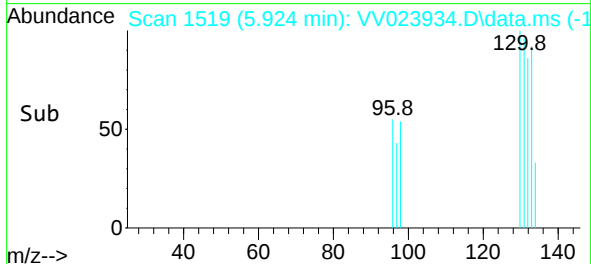
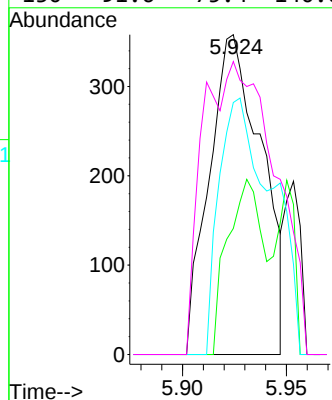
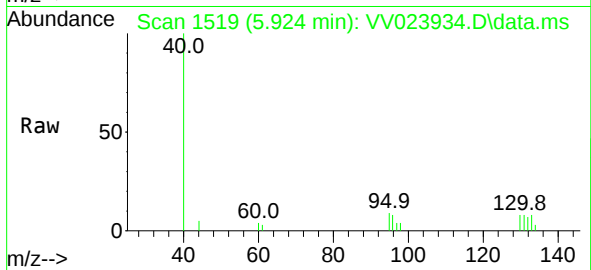




#34
Trichloroethene
Concen: 0.077 ug/L
RT: 5.924 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV023934.D
Acq: 11 Dec 2021 16:30

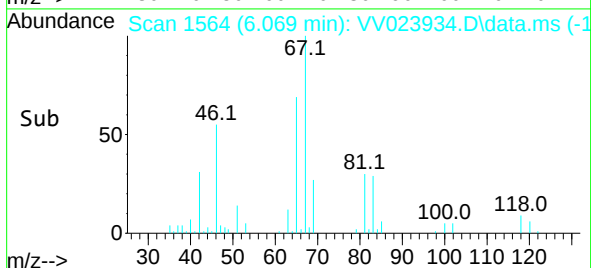
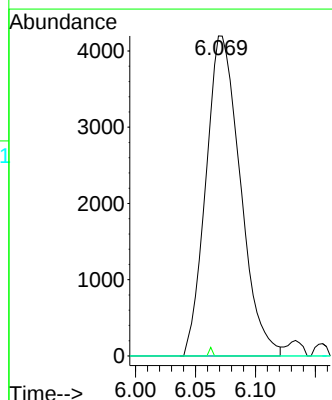
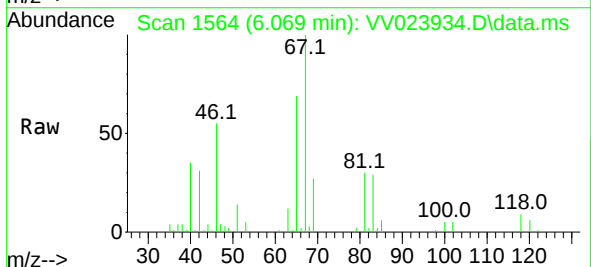
Instrument :
MSVOA_V
ClientSampleId :

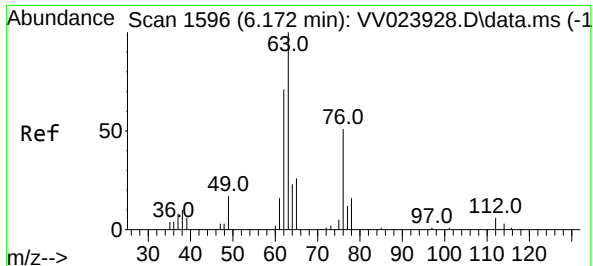
Tgt Ion: 95 Resp: 629
Ion Ratio Lower Upper
95 100
97 39.4 45.2 84.0#
132 78.8 76.1 141.3
130 91.6 75.4 140.0



#35
Methylcyclohexane
Concen: 0.695 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023934.D
Acq: 11 Dec 2021 16:30

Tgt Ion: 83 Resp: 8367
Ion Ratio Lower Upper
83 100
55 0.3 60.2 90.2#
98 5.2 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.561 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV023934.D

Acq: 11 Dec 2021 16:30

Instrument :

MSVOA_V

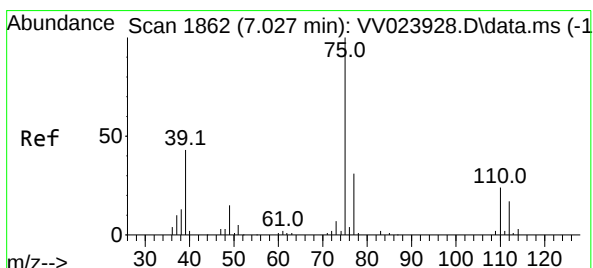
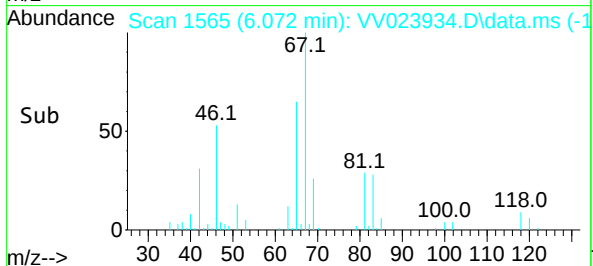
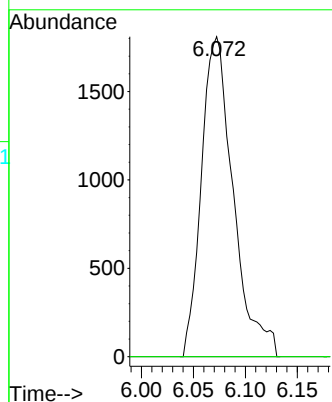
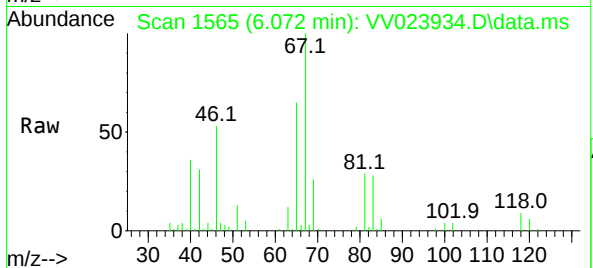
ClientSampleId :

Tgt Ion: 63 Resp: 3867

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV023934.D

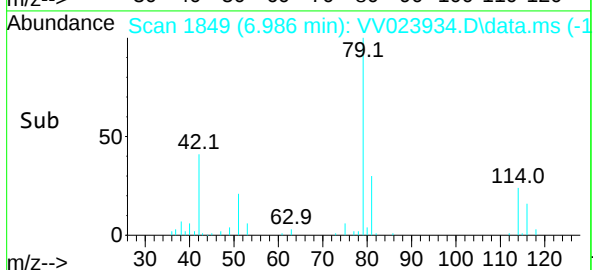
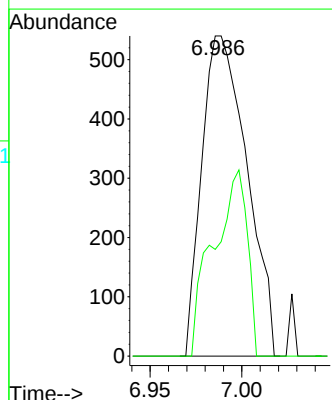
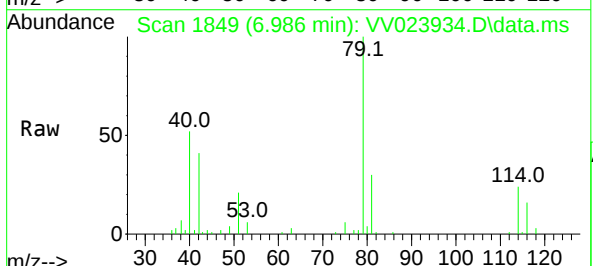
Acq: 11 Dec 2021 16:30

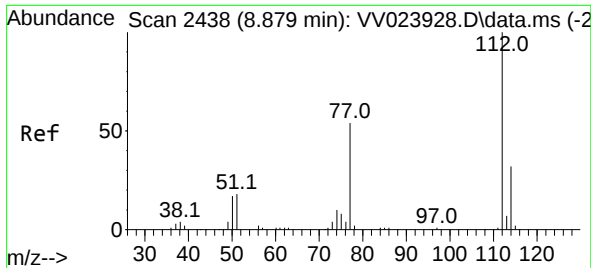
Tgt Ion: 75 Resp: 924

Ion Ratio Lower Upper

75 100

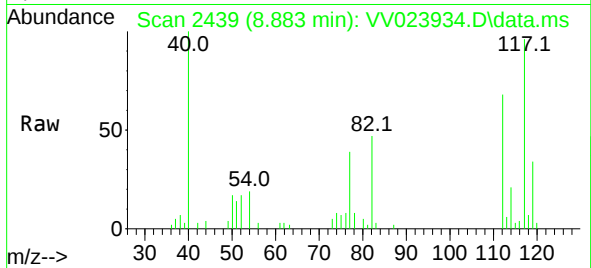
77 33.3 22.0 41.0



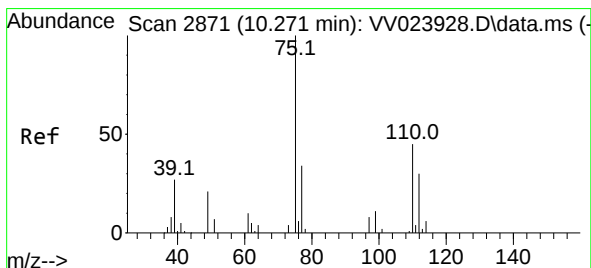
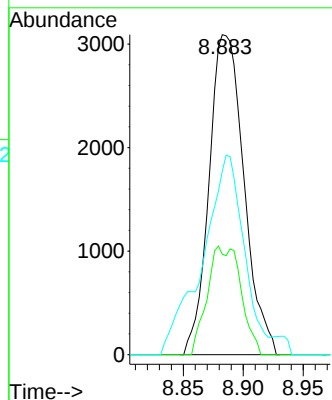
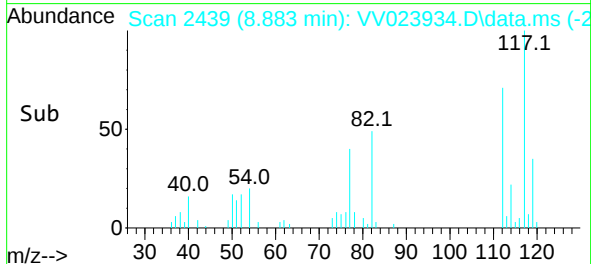


#51
Chlorobenzene
Concen: 0.287 ug/L
RT: 8.883 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV023934.D
Acq: 11 Dec 2021 16:30

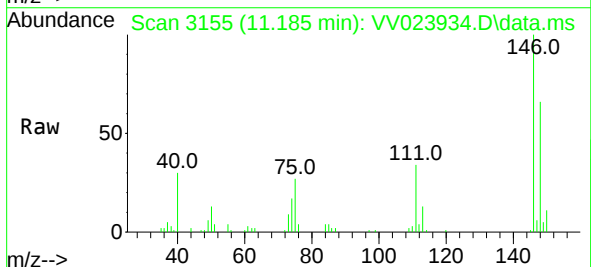
Instrument :
MSVOA_V
ClientSampleId :



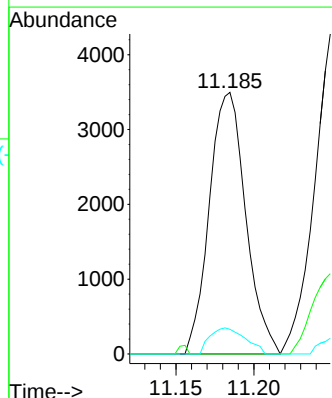
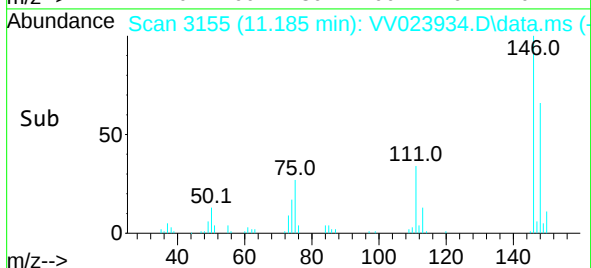
Tgt Ion:112 Resp: 6247
Ion Ratio Lower Upper
112 100
114 31.4 23.3 43.3
77 57.3 43.3 64.9

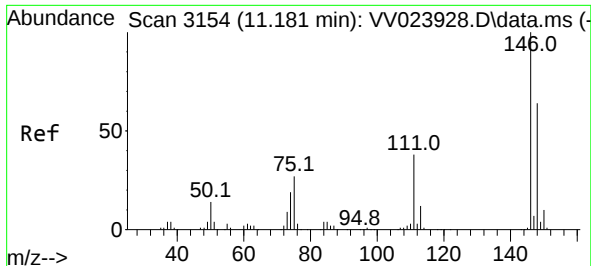


#61
1,2,3-Trichloropropane
Concen: 1.591 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.913 min
Lab File: VV023934.D
Acq: 11 Dec 2021 16:30



Tgt Ion: 75 Resp: 5673
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
110 9.7 34.2 51.2#

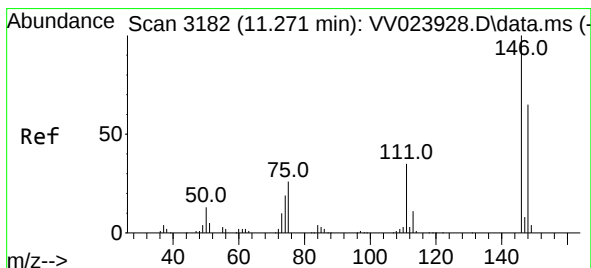
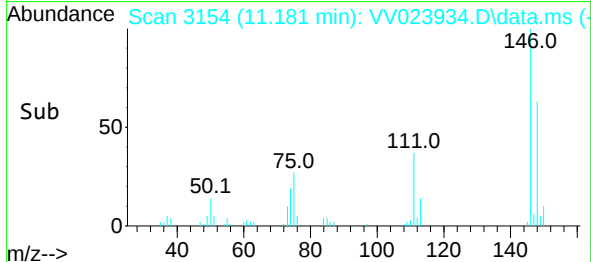
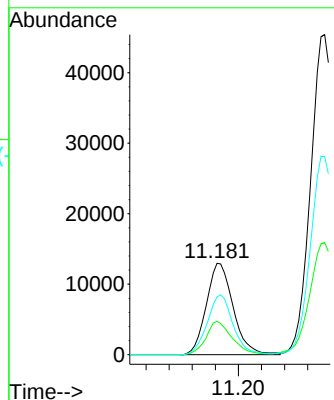
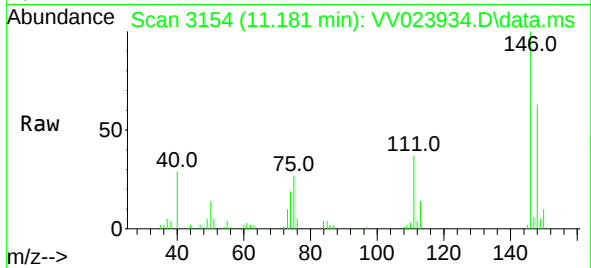




#64
1,3-Dichlorobenzene
Concen: 1.330 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV023934.D
Acq: 11 Dec 2021 16:30

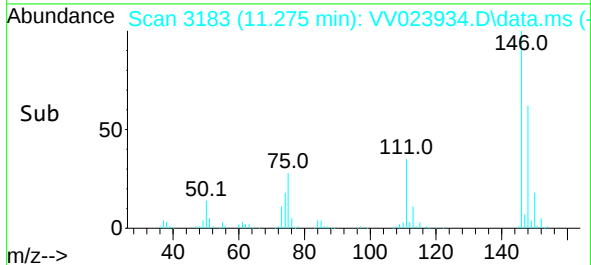
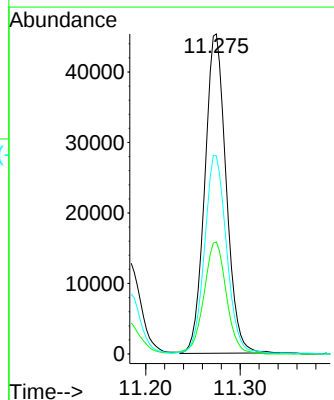
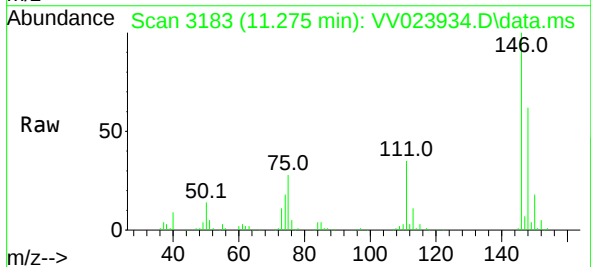
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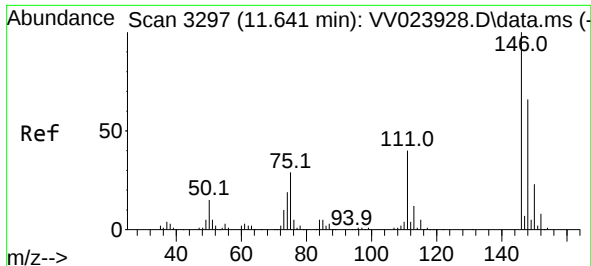
Tgt Ion:146 Resp: 20905
Ion Ratio Lower Upper
146 100
111 36.6 26.3 48.9
148 63.2 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 4.506 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023934.D
Acq: 11 Dec 2021 16:30

Tgt Ion:146 Resp: 71128
Ion Ratio Lower Upper
146 100
111 35.0 25.6 47.6
148 61.9 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.961 ug/L

RT: 11.644 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023934.D

Acq: 11 Dec 2021 16:30

Instrument :

MSVOA_V

ClientSampleId :

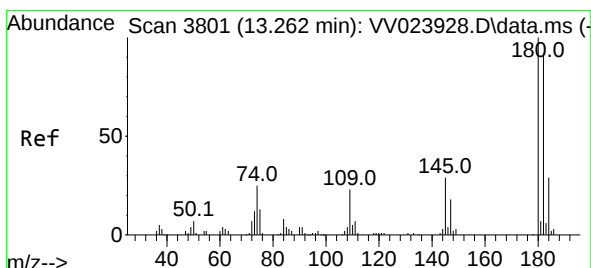
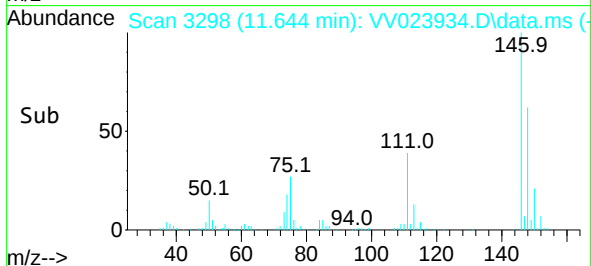
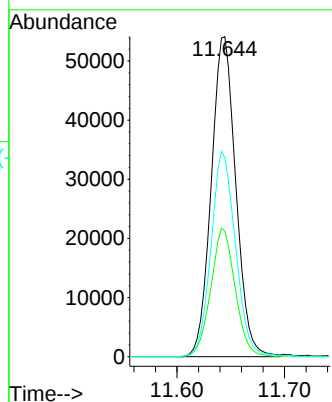
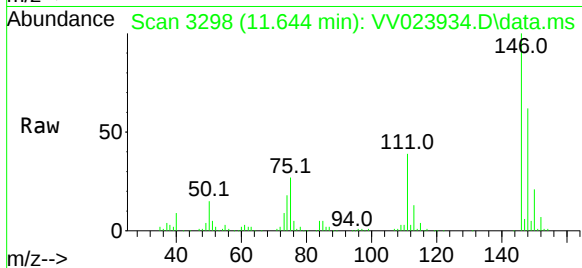
Tgt Ion:146 Resp: 85841

Ion Ratio Lower Upper

146 100

111 39.3 31.9 47.9

148 62.2 50.5 75.7



#70

1,2,4-trichlorobenzene

Concen: 0.558 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.003 min

Lab File: VV023934.D

Acq: 11 Dec 2021 16:30

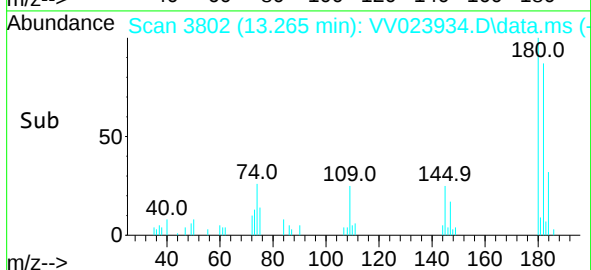
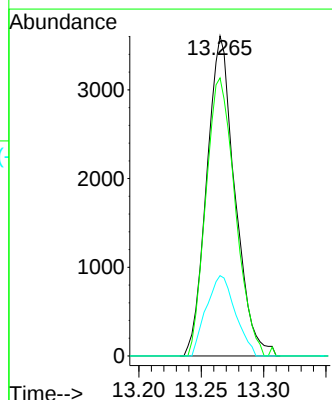
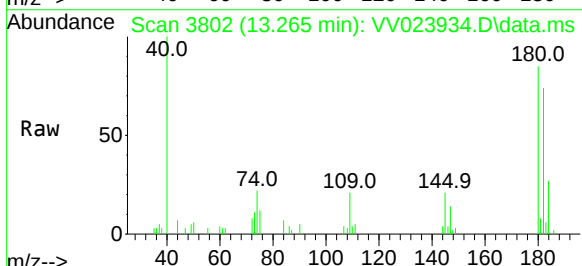
Tgt Ion:180 Resp: 5670

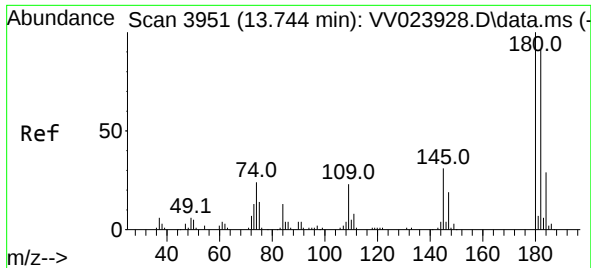
Ion Ratio Lower Upper

180 100

182 90.4 74.4 111.6

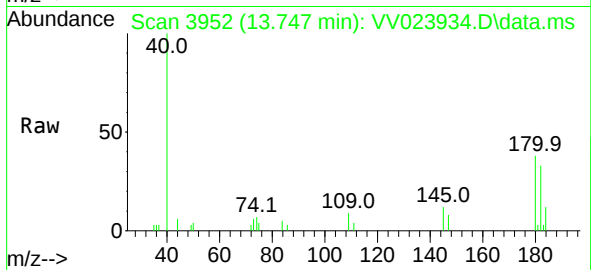
145 25.8 23.3 34.9





#72
 1,2,3-Trichlorobenzene
 Concen: 0.286 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.003 min
 Lab File: VV023934.D
 Acq: 11 Dec 2021 16:30

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 2568
 Ion Ratio Lower Upper
 180 100
 182 91.4 76.8 115.2
 145 30.7 25.8 38.6

