

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024106.D
 Acq On : 19 Dec 2021 22:39
 Operator : SY/MD
 Sample : M5148-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 04:18:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 04:04:22 2021
 Response via : Initial Calibration

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

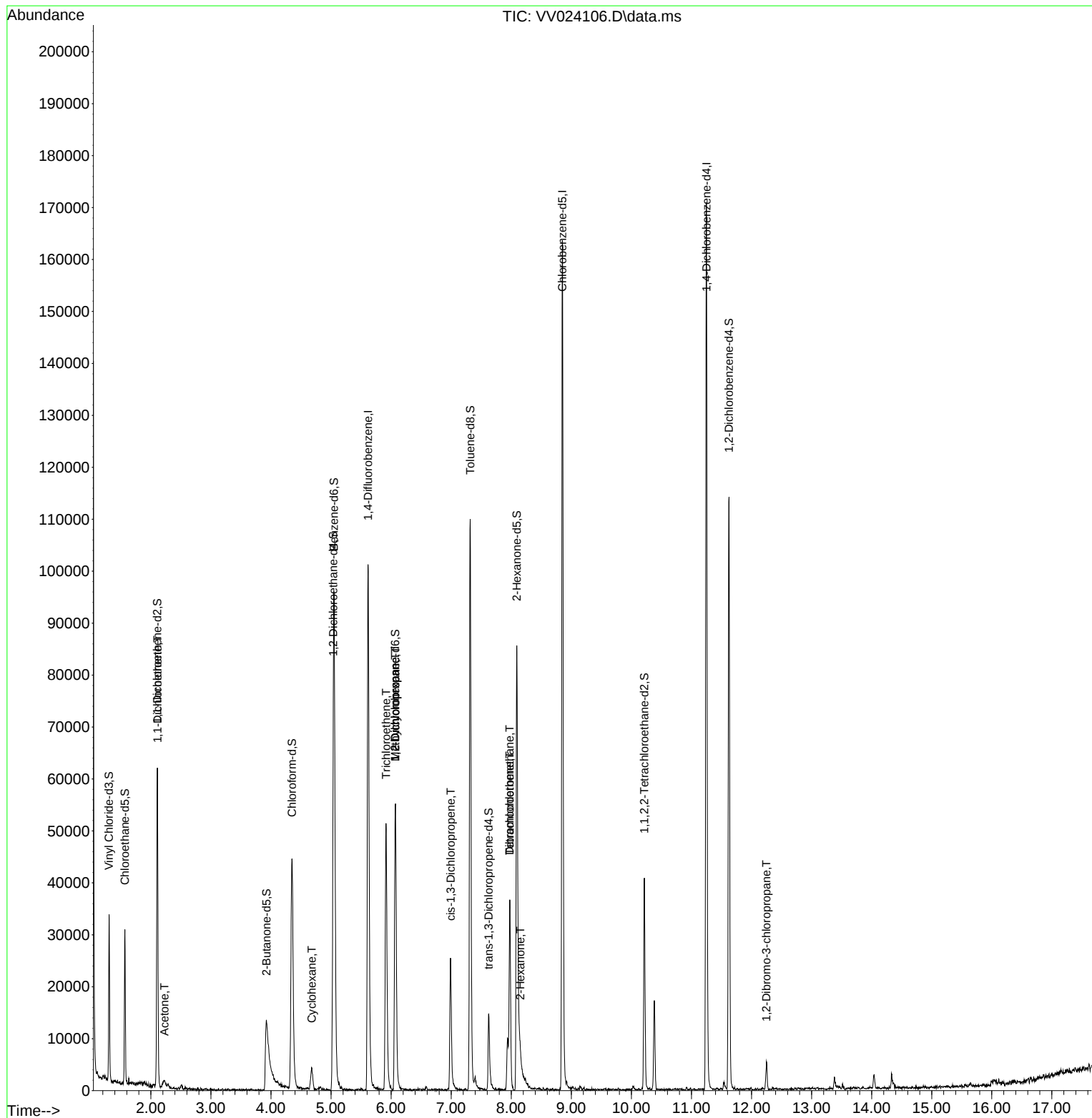
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	88920	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	93796	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47242	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	17962	3.758	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.200%	
7) Chloroethane-d5	1.568	69	17407	4.364	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.200%	
11) 1,1-Dichloroethene-d2	2.108	63	30348	3.252	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.000%	
20) 2-Butanone-d5	3.925	46	35092	37.575	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	75.140%	
24) Chloroform-d	4.352	84	47805	4.415	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
26) 1,2-Dichloroethane-d4	5.037	65	24012	4.763	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	5.050	84	86651	4.664	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	6.069	67	25444	4.540	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.800%	
41) Toluene-d8	7.317	98	73465	4.392	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	7.625	79	8541	3.673	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.400%	
46) 2-Hexanone-d5	8.092	63	29839	28.666	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	57.340%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	17800	3.828	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	76.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	30177	4.782	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.111	96	389	0.065	ug/L #	1
13) Acetone	2.227	43	1389	1.859	ug/L	94
30) Cyclohexane	4.677	56	1977	0.203	ug/L	87
34) Trichloroethene	5.915	95	17204	2.299	ug/L	93
35) Methylcyclohexane	6.069	83	7396	0.671	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	3313	0.525	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	770	0.082	ug/L #	74
47) Tetrachloroethene	7.976	164	8939	1.357	ug/L	94
48) 2-Hexanone	8.149	43	3985	1.814	ug/L #	73
49) Dibromochloromethane	7.976	129	7143	1.125	ug/L #	11
68) 1,2-Dibromo-3-chloropr...	12.246	75	92	0.131	ug/L #	1

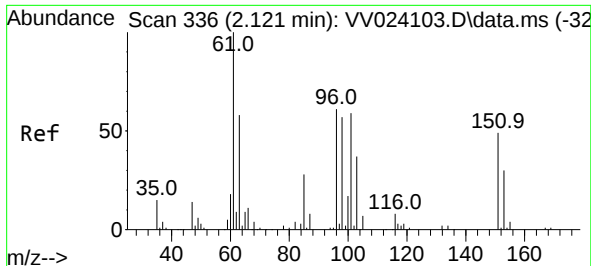
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.010 min

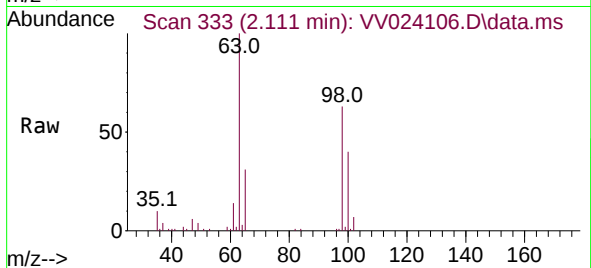
Lab File: VV024106.D

Acq: 19 Dec 2021 22:39

Instrument :

MSVOA_V

ClientSampleId :



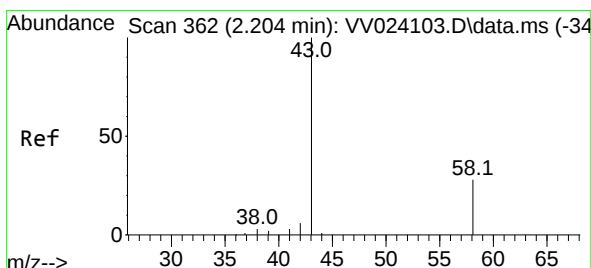
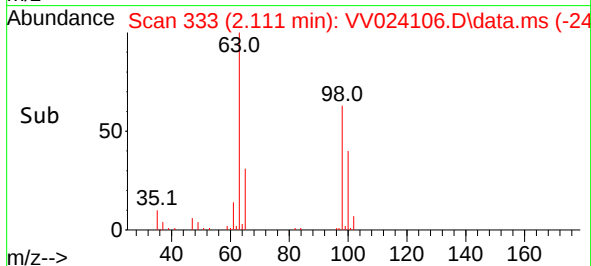
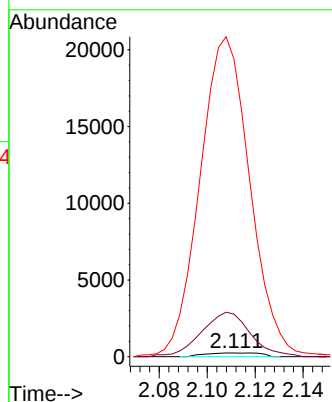
Tgt Ion: 96 Resp: 389

Ion Ratio Lower Upper

96 100

61 1162.3 116.1 215.5#

63 8117.2 79.4 147.4#



#13

Acetone

Concen: 1.859 ug/L

RT: 2.227 min Scan# 369

Delta R.T. 0.023 min

Lab File: VV024106.D

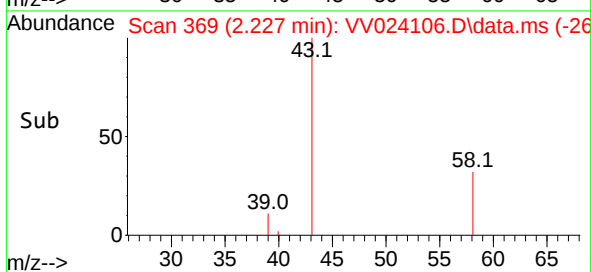
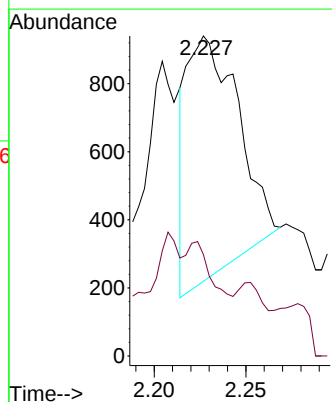
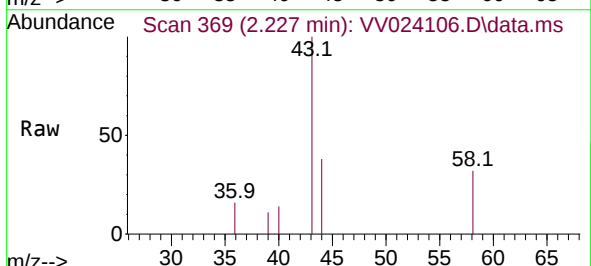
Acq: 19 Dec 2021 22:39

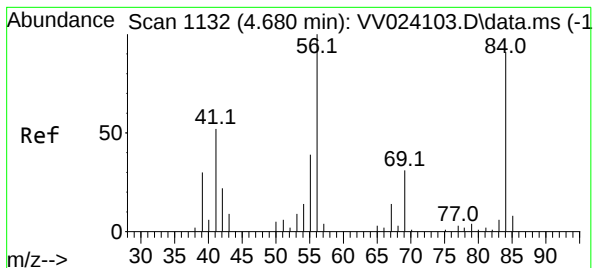
Tgt Ion: 43 Resp: 1389

Ion Ratio Lower Upper

43 100

58 18.1 0.0 41.4





#30

Cyclohexane

Concen: 0.203 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV024106.D

Acq: 19 Dec 2021 22:39

Instrument :

MSVOA_V

ClientSampleId :

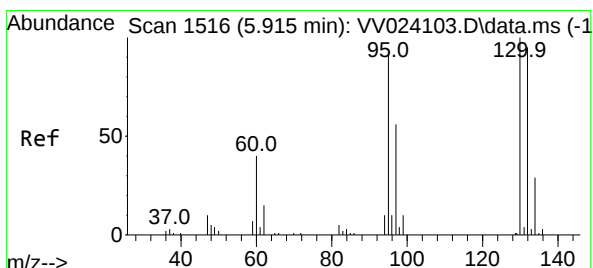
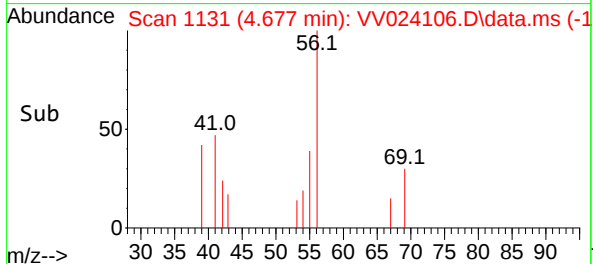
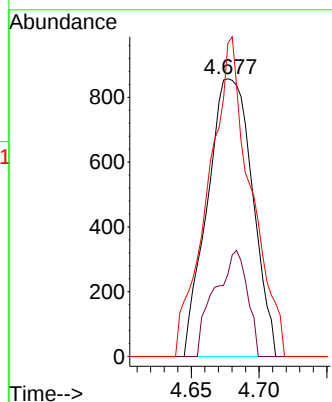
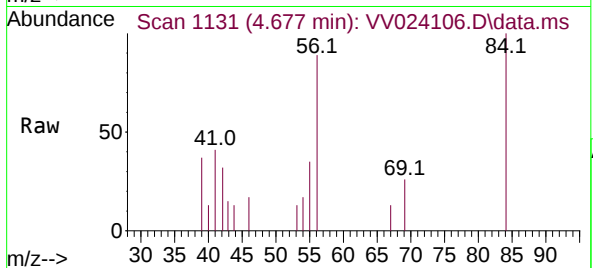
Tgt Ion: 56 Resp: 1977

Ion Ratio Lower Upper

56 100

69 27.5 24.8 37.2

84 109.1 75.9 113.9



#34

Trichloroethene

Concen: 2.299 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV024106.D

Acq: 19 Dec 2021 22:39

Tgt Ion: 95 Resp: 17204

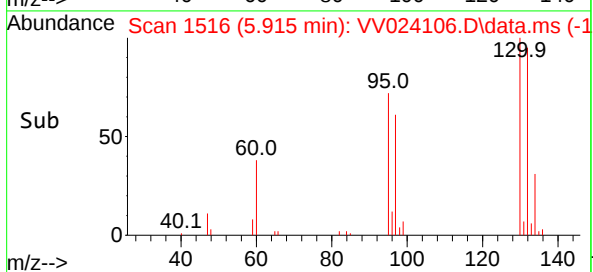
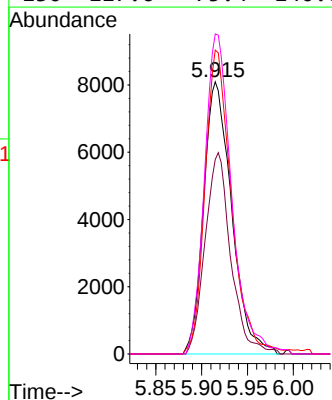
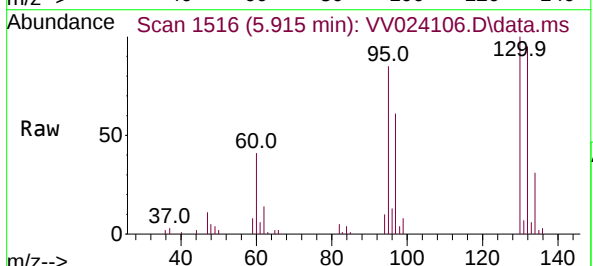
Ion Ratio Lower Upper

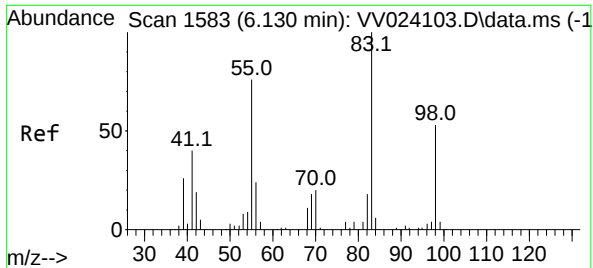
95 100

97 71.5 45.2 84.0

132 111.7 76.1 141.3

130 117.6 75.4 140.0

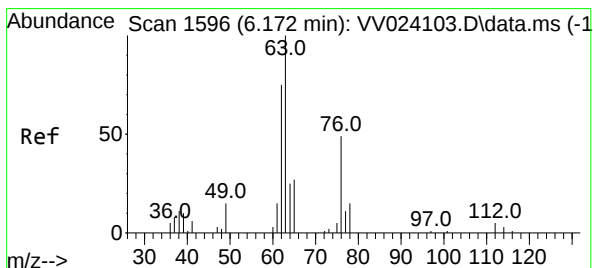
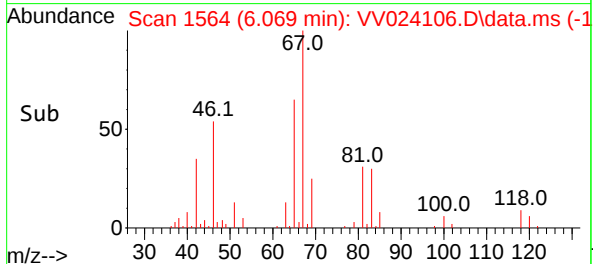
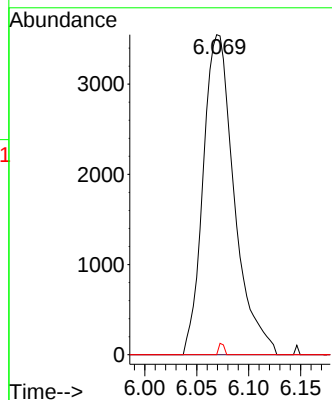
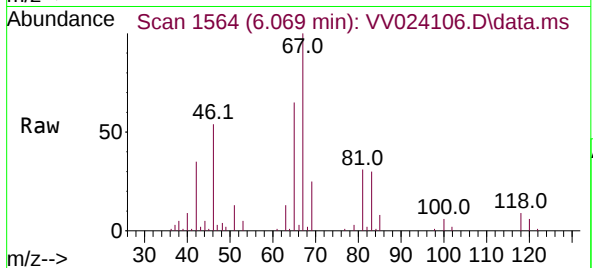




#35
Methylcyclohexane
Concen: 0.671 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV024106.D
Acq: 19 Dec 2021 22:39

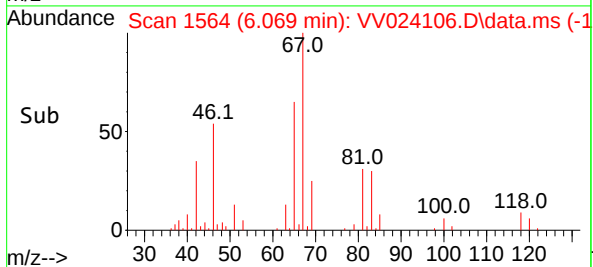
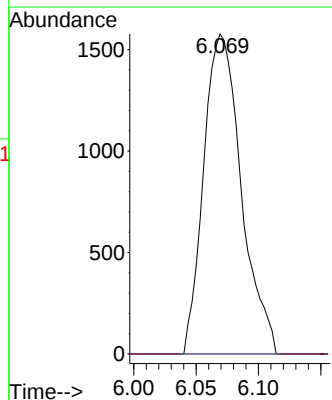
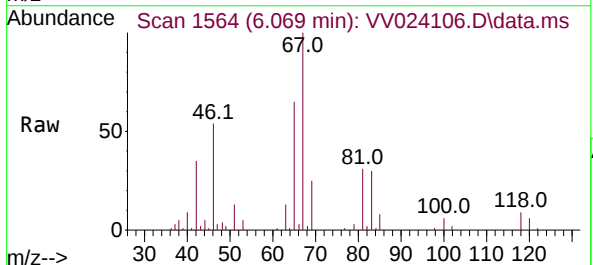
Instrument :
MSVOA_V
ClientSampleId :

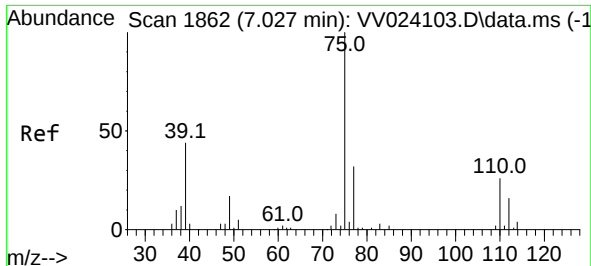
Tgt Ion: 83 Resp: 7396
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 0.6 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.525 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV024106.D
Acq: 19 Dec 2021 22:39

Tgt Ion: 63 Resp: 3313
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.992 min Scan# 1862

Delta R.T. -0.035 min

Lab File: VV024106.D

Acq: 19 Dec 2021 22:39

Instrument :

MSVOA_V

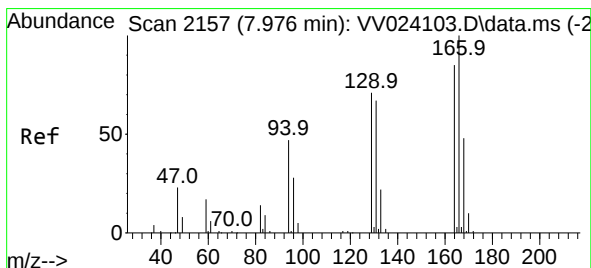
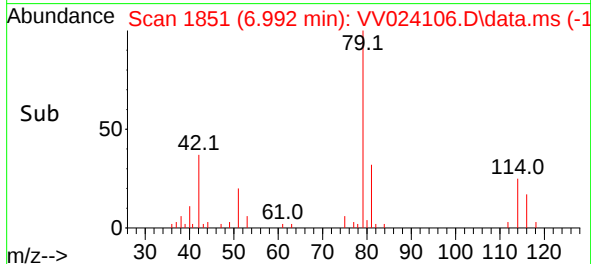
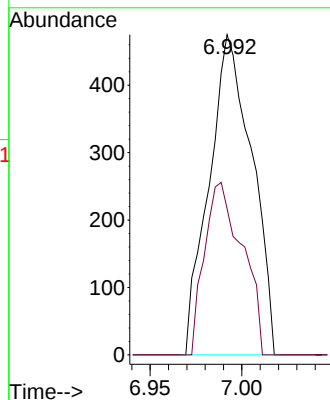
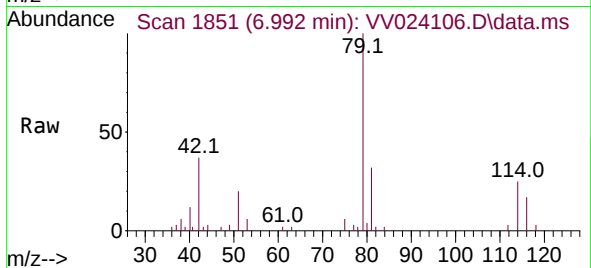
ClientSampleId :

Tgt Ion: 75 Resp: 770

Ion Ratio Lower Upper

75 100

77 45.7 22.0 41.0#



#47

Tetrachloroethene

Concen: 1.357 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV024106.D

Acq: 19 Dec 2021 22:39

Tgt Ion:164 Resp: 8939

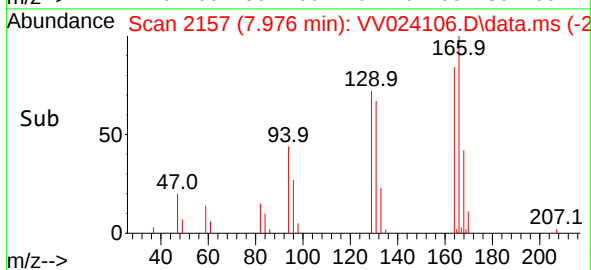
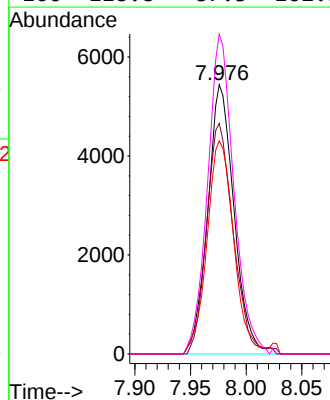
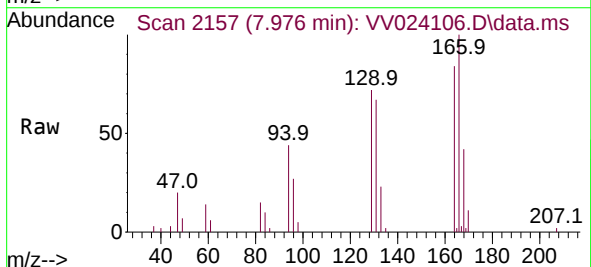
Ion Ratio Lower Upper

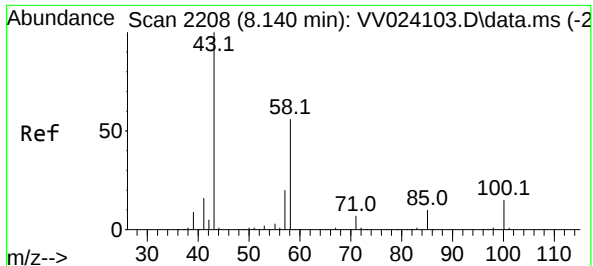
164 100

129 85.6 62.6 116.2

131 79.1 61.0 113.4

166 118.8 87.3 162.1





#48

2-Hexanone

Concen: 1.814 ug/L

RT: 8.149 min Scan# 2157

Delta R.T. 0.010 min

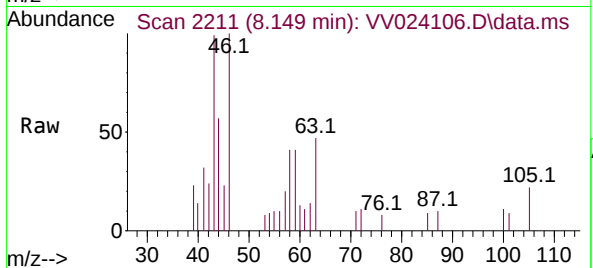
Lab File: VV024106.D

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ClientSampleId :



Tgt Ion: 43 Resp: 3985

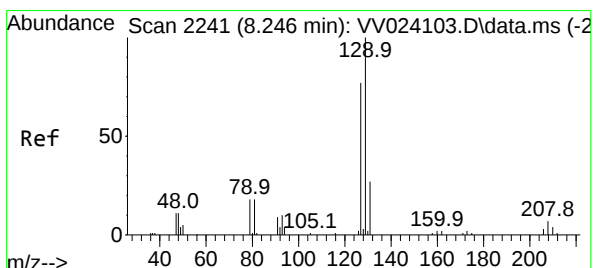
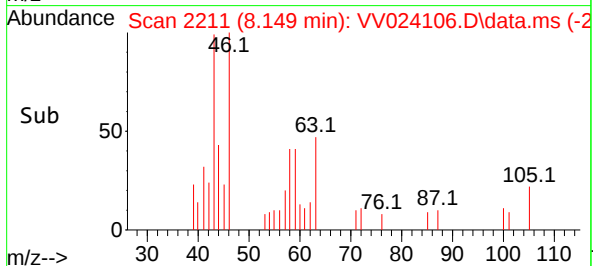
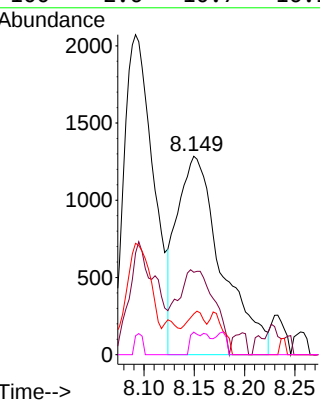
Ion Ratio Lower Upper

43 100

58 35.1 44.5 66.7#

57 9.1 15.1 22.7#

100 2.6 10.7 16.1#



#49

Dibromochloromethane

Concen: 1.125 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV024106.D

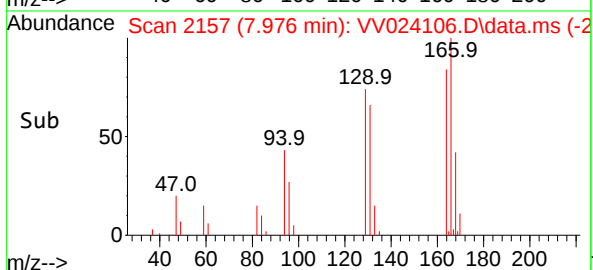
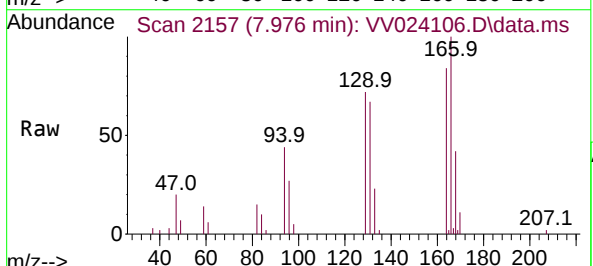
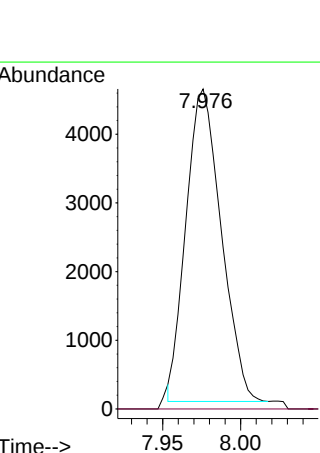
Acq: 19 Dec 2021 22:39

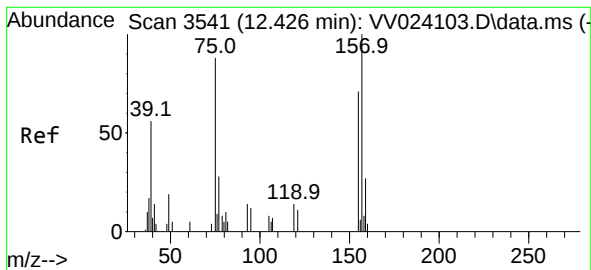
Tgt Ion:129 Resp: 7143

Ion Ratio Lower Upper

129 100

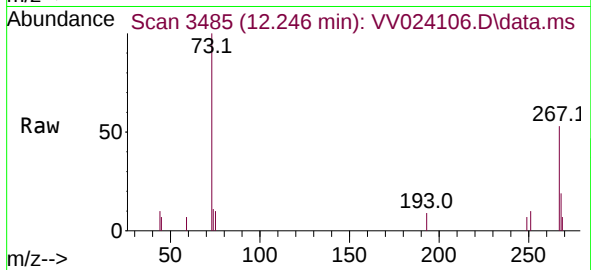
127 0.0 53.5 99.3#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.131 ug/L
 RT: 12.246 min Scan# 34
 Delta R.T. -0.180 min
 Lab File: VV024106.D
 Acq: 19 Dec 2021 22:39

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 92
 Ion Ratio Lower Upper
 75 100
 155 0.0 71.7 107.5#
 157 0.0 103.3 154.9#

