

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121421\
 Data File : VW023968.D
 Acq On : 14 Dec 2021 15:19
 Operator : SY/MD
 Sample : M5005-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW213

Quant Time: Dec 15 01:39:36 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)

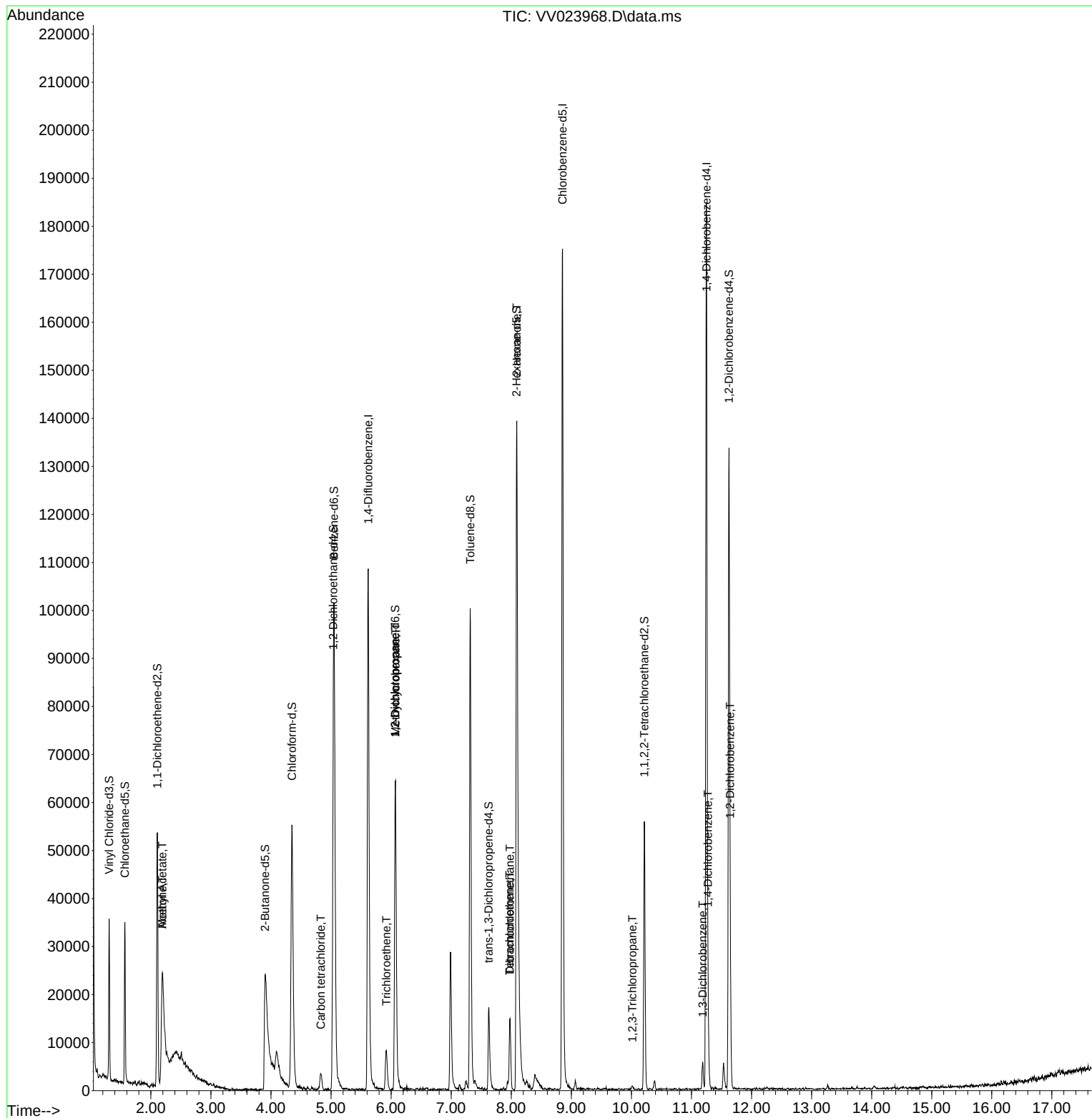
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	97962	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	103376	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50482	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	19418	3.687	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.568	69	19096	4.346	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.108	63	26948	2.621	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.400%#
20) 2-Butanone-d5	3.902	46	54712	53.176	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.360%
24) Chloroform-d	4.349	84	56362	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.037	65	27482	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.050	84	89131	4.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.069	67	29867	4.835	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.317	98	66723	3.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	7.625	79	10481	4.090	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.088	63	54021	47.089	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24373	4.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	33678	4.994	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
13) Acetone	2.191	43	53481	64.971	ug/L	78
15) Methyl Acetate	2.191	43	53481	26.805	ug/L #	50
31) Carbon tetrachloride	4.831	117	2699	0.212	ug/L	96
34) Trichloroethene	5.921	95	2478	0.300	ug/L	88
35) Methylcyclohexane	6.072	83	8124	0.669	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	3599	0.518	ug/L #	84
47) Tetrachloroethene	7.976	164	3819	0.526	ug/L	82
48) 2-Hexanone	8.092	43	7021	2.900	ug/L #	67
49) Dibromochloromethane	7.979	129	3182	0.455	ug/L #	11
61) 1,2,3-Trichloropropane	10.014	75	421	0.122	ug/L #	37
64) 1,3-Dichlorobenzene	11.188	146	2759	0.182	ug/L	93
65) 1,4-Dichlorobenzene	11.275	146	7499	0.493	ug/L	93
67) 1,2-Dichlorobenzene	11.644	146	11345	0.817	ug/L	95

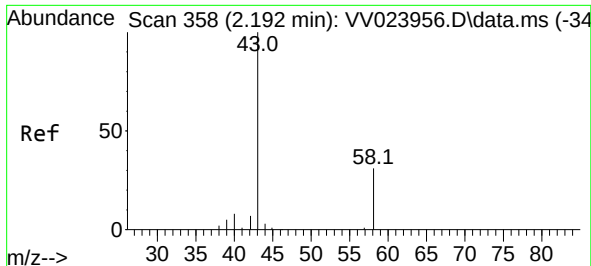
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 64.971 ug/L

RT: 2.191 min Scan# 358

Delta R.T. 0.000 min

Lab File: VV023968.D

Acq: 14 Dec 2021 15:19

Instrument :

MSVOA_V

ClientSampleId :

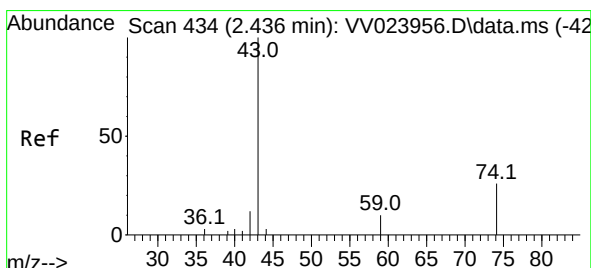
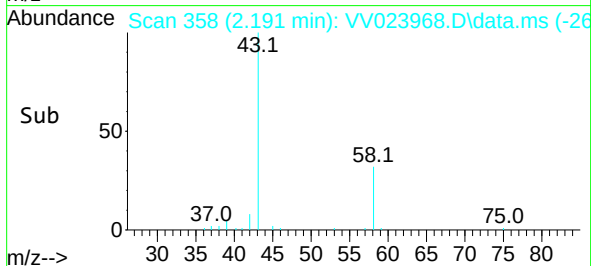
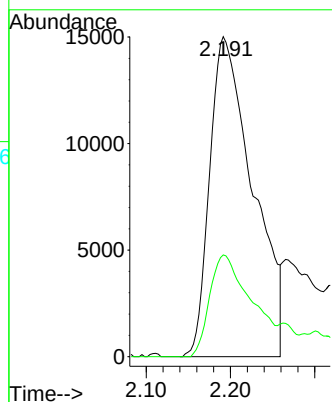
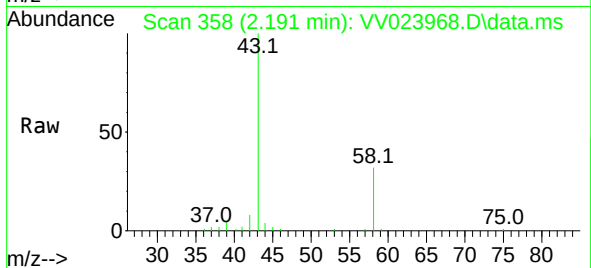
EW213

Tgt Ion: 43 Resp: 53481

Ion Ratio Lower Upper

43 100

58 31.1 0.0 41.4



#15

Methyl Acetate

Concen: 26.805 ug/L

RT: 2.191 min Scan# 358

Delta R.T. -0.244 min

Lab File: VV023968.D

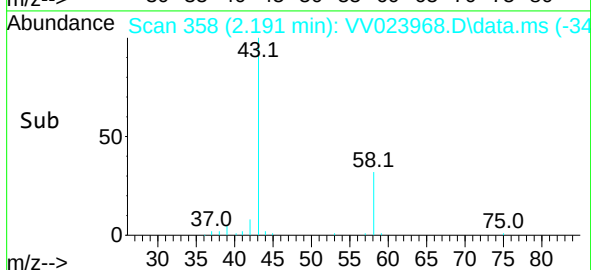
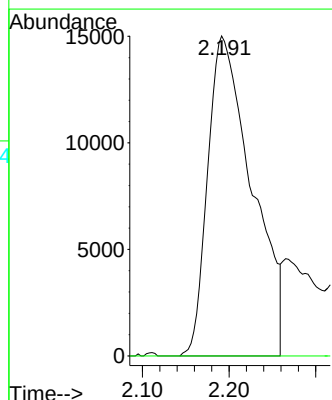
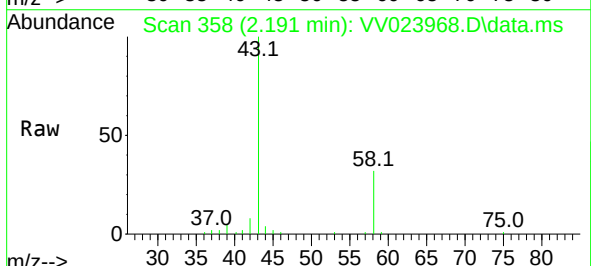
Acq: 14 Dec 2021 15:19

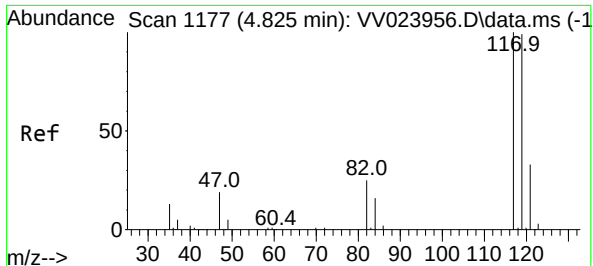
Tgt Ion: 43 Resp: 53481

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#

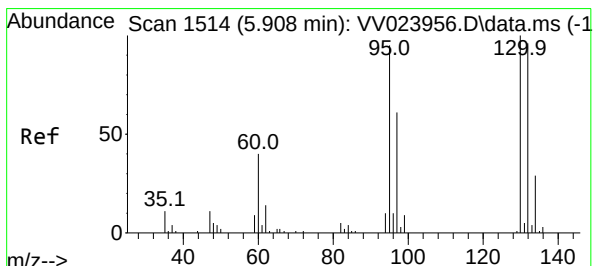
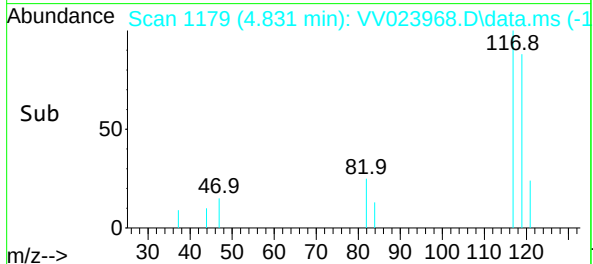
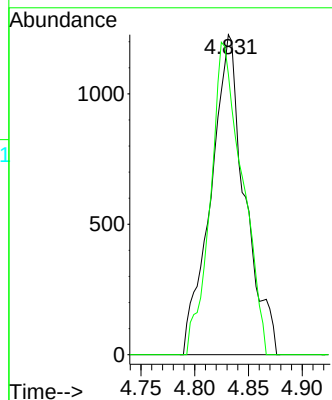
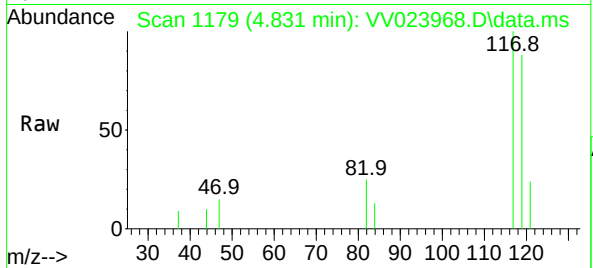




#31
Carbon tetrachloride
Concen: 0.212 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.007 min
Lab File: VV023968.D
Acq: 14 Dec 2021 15:19

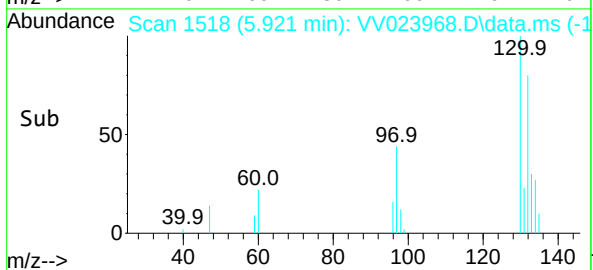
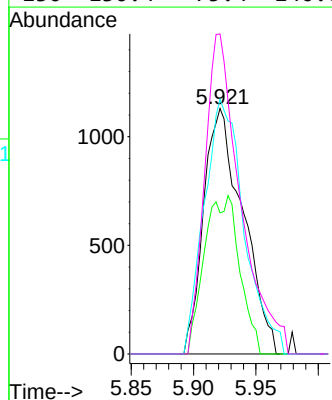
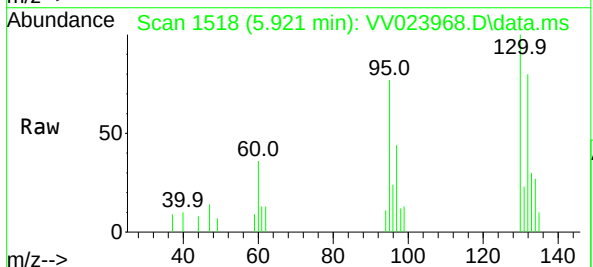
Instrument :
MSVOA_V
ClientSampleId :
EW213

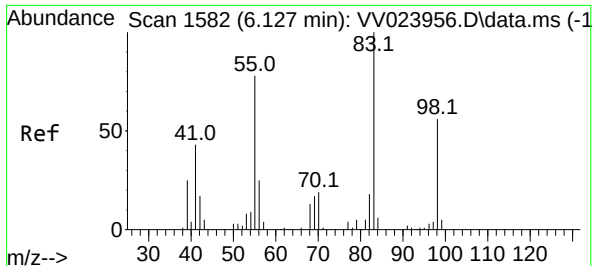
Tgt Ion:117 Resp: 2699
Ion Ratio Lower Upper
117 100
119 91.6 76.6 114.8



#34
Trichloroethene
Concen: 0.300 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV023968.D
Acq: 14 Dec 2021 15:19

Tgt Ion: 95 Resp: 2478
Ion Ratio Lower Upper
95 100
97 57.5 45.2 84.0
132 103.7 76.1 141.3
130 130.4 75.4 140.0





#35

Methylcyclohexane

Concen: 0.669 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV023968.D

Acq: 14 Dec 2021 15:19

Instrument :

MSVOA_V

ClientSampleId :

EW213

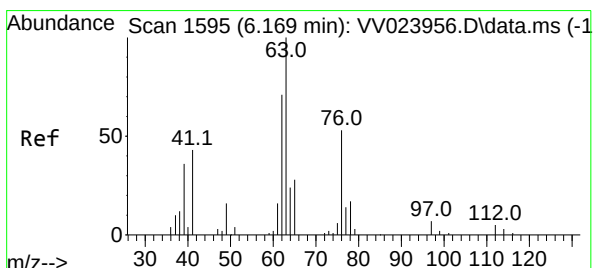
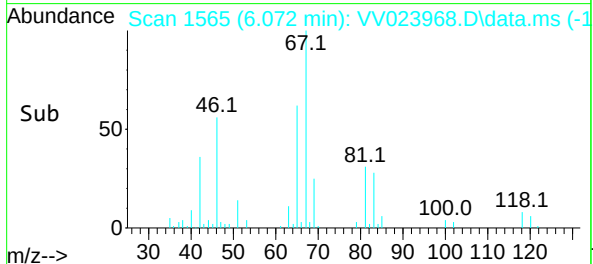
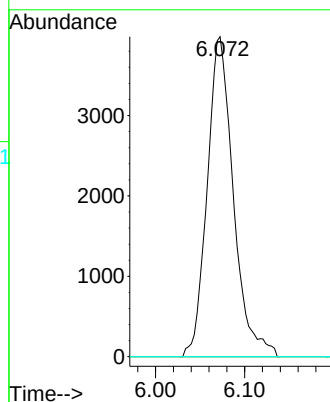
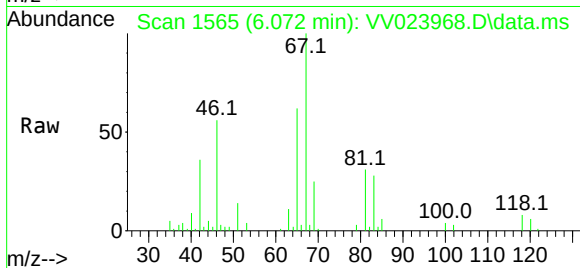
Tgt Ion: 83 Resp: 8124

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 2.2 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.518 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV023968.D

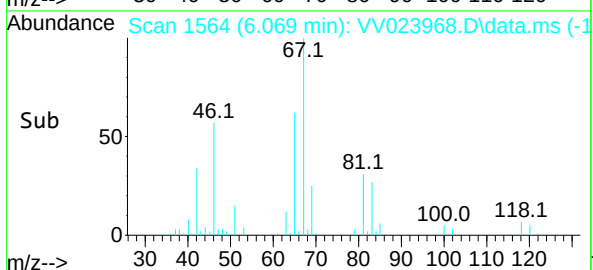
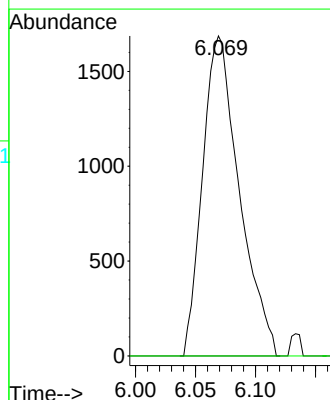
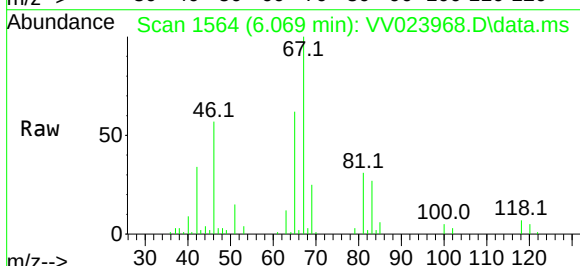
Acq: 14 Dec 2021 15:19

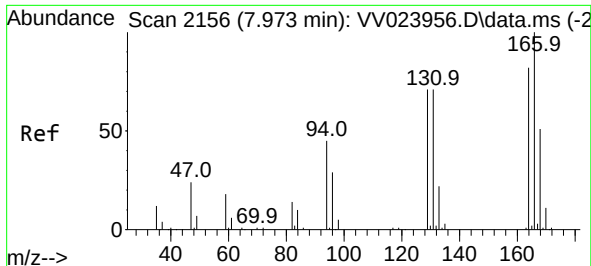
Tgt Ion: 63 Resp: 3599

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#





#47

Tetrachloroethene

Concen: 0.526 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV023968.D

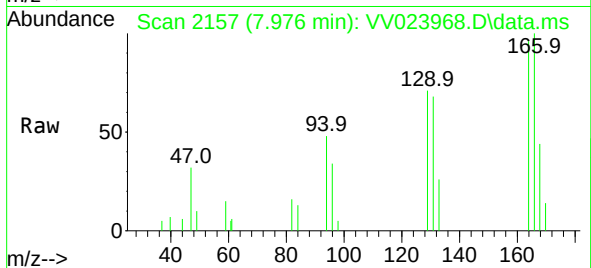
Acq: 14 Dec 2021 15:19

Instrument :

MSVOA_V

ClientSampleId :

EW213



Tgt Ion:164 Resp: 3819

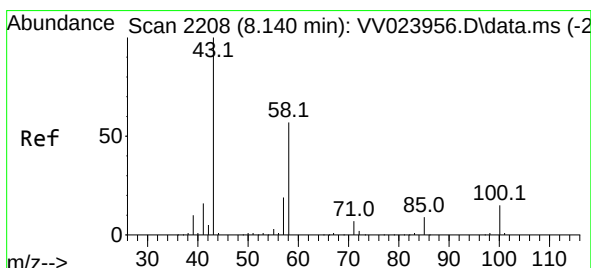
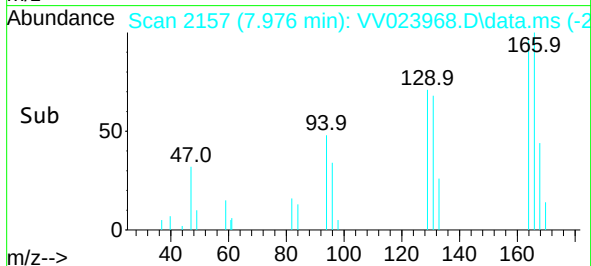
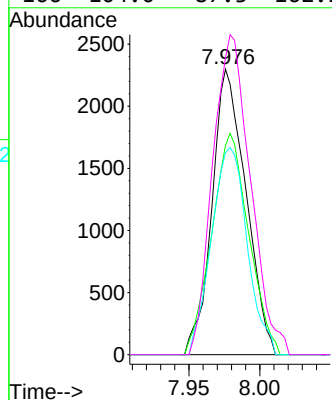
Ion Ratio Lower Upper

164 100

129 73.3 62.6 116.2

131 70.8 61.0 113.4

166 104.0 87.3 162.1



#48

2-Hexanone

Concen: 2.900 ug/L

RT: 8.092 min Scan# 2193

Delta R.T. -0.048 min

Lab File: VV023968.D

Acq: 14 Dec 2021 15:19

Tgt Ion: 43 Resp: 7021

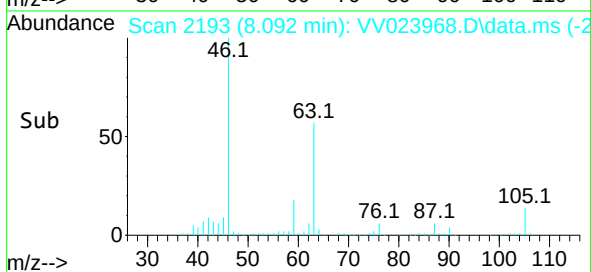
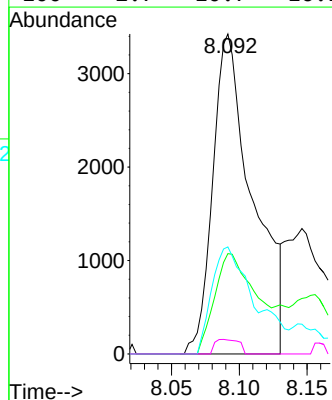
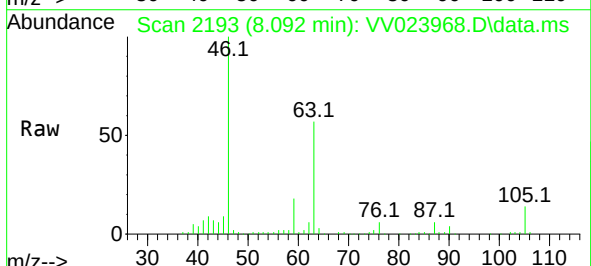
Ion Ratio Lower Upper

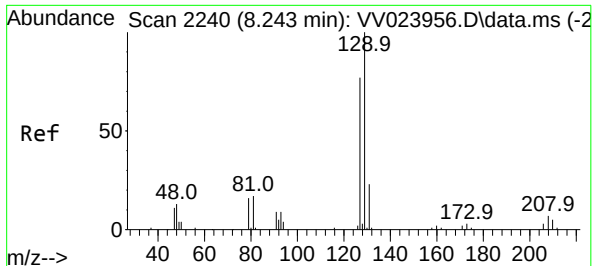
43 100

58 32.0 44.5 66.7#

57 36.5 15.1 22.7#

100 2.7 10.7 16.1#





#49

Dibromochloromethane

Concen: 0.455 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV023968.D

Acq: 14 Dec 2021 15:19

Instrument :

MSVOA_V

ClientSampleId :

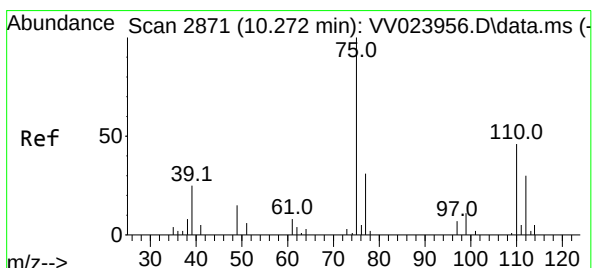
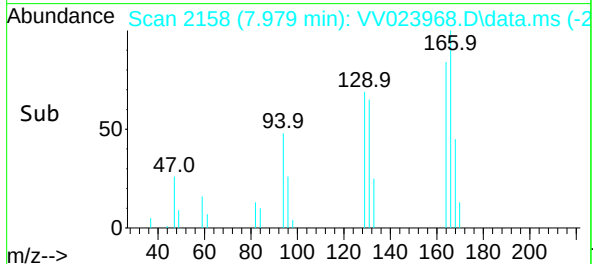
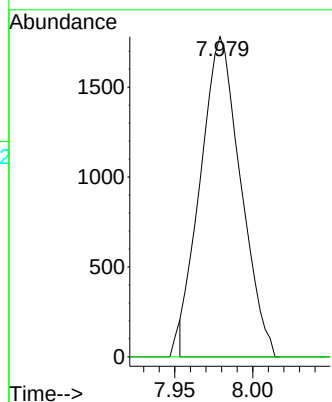
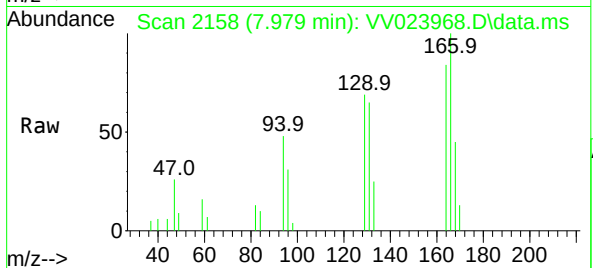
EW213

Tgt Ion:129 Resp: 3182

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 0.122 ug/L

RT: 10.014 min Scan# 2791

Delta R.T. -0.257 min

Lab File: VV023968.D

Acq: 14 Dec 2021 15:19

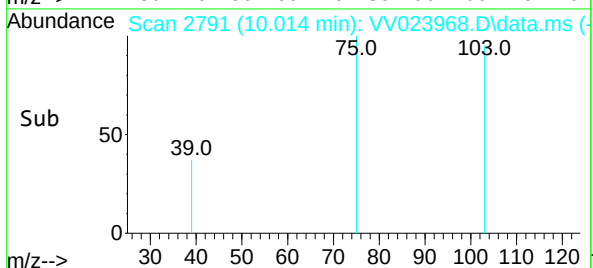
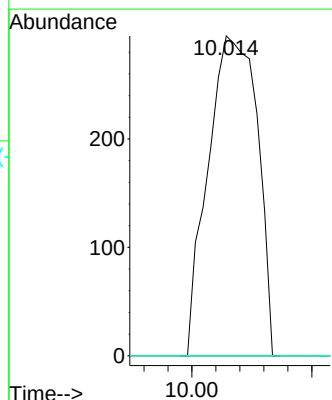
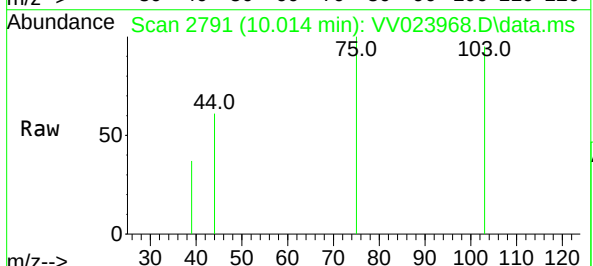
Tgt Ion: 75 Resp: 421

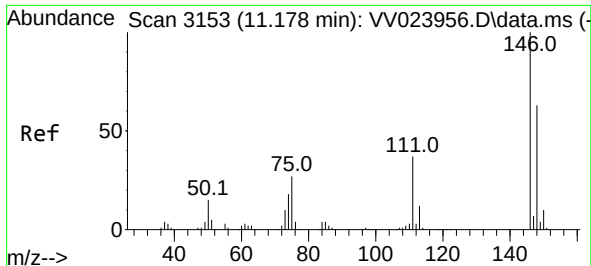
Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

110 0.0 34.2 51.2#

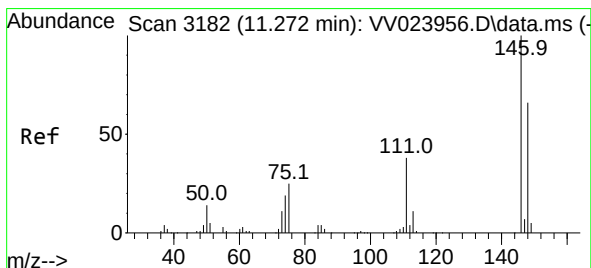
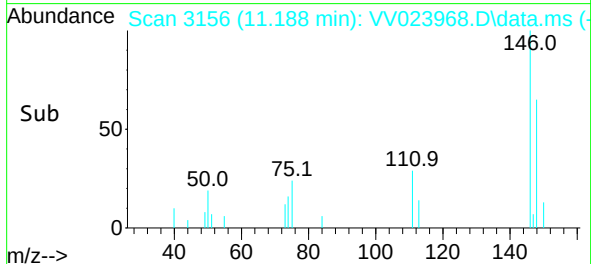
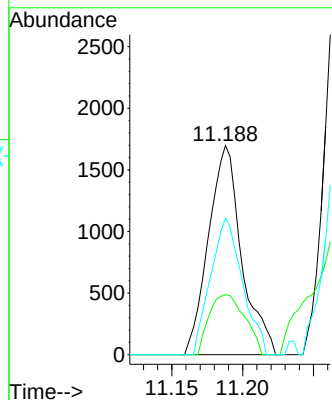
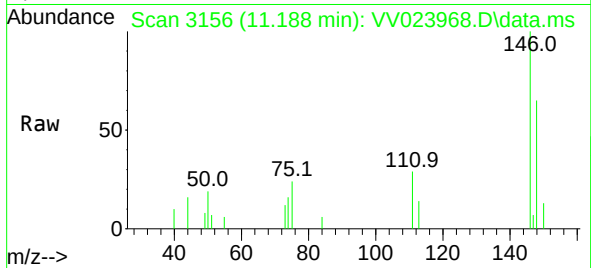




#64
1,3-Dichlorobenzene
Concen: 0.182 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.010 min
Lab File: VV023968.D
Acq: 14 Dec 2021 15:19

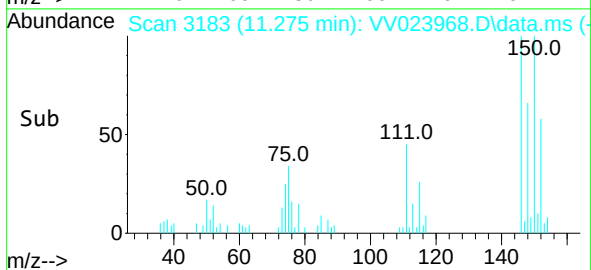
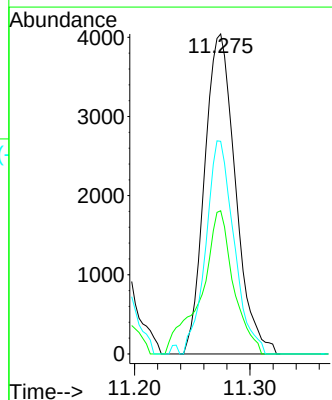
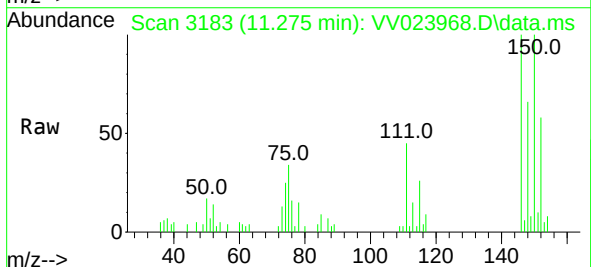
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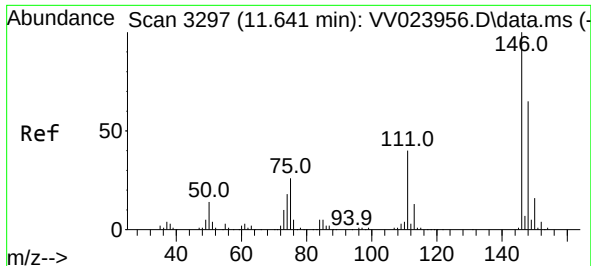
Tgt Ion:146 Resp: 2759
Ion Ratio Lower Upper
146 100
111 28.7 26.3 48.9
148 65.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 0.493 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023968.D
Acq: 14 Dec 2021 15:19

Tgt Ion:146 Resp: 7499
Ion Ratio Lower Upper
146 100
111 44.8 25.6 47.6
148 66.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.817 ug/L

RT: 11.644 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023968.D

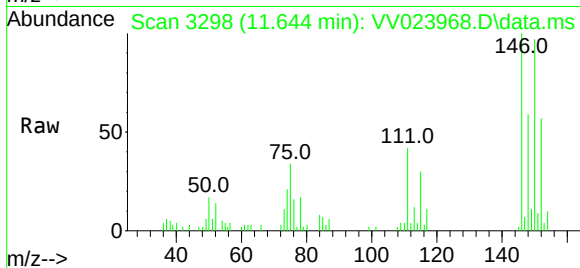
Acq: 14 Dec 2021 15:19

Instrument :

MSVOA_V

ClientSampleId :

EW213



Tgt Ion:146 Resp: 11345

Ion Ratio Lower Upper

146 100

111 42.3 31.9 47.9

148 59.1 50.5 75.7

