

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121421\
 Data File : VW023971.D
 Acq On : 14 Dec 2021 16:37
 Operator : SY/MD
 Sample : M5005-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW215

Quant Time: Dec 15 01:39:58 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)

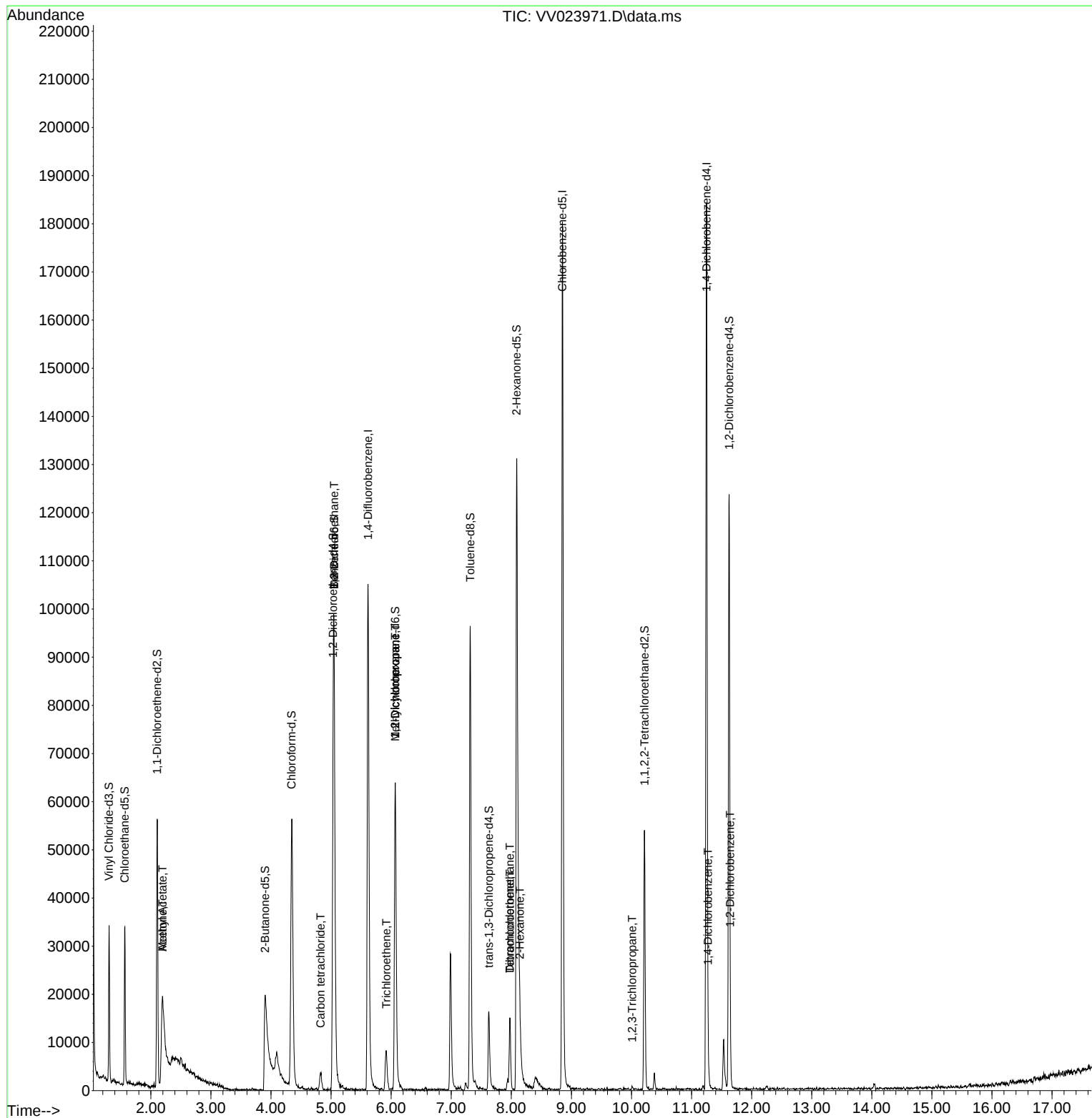
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	96119	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	102925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	19645	3.802	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.564	69	19460	4.514	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.105	63	27512	2.728	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.600%#
20) 2-Butanone-d5	3.899	46	48876	48.415	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.820%
24) Chloroform-d	4.342	84	56789	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.034	65	27226	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.050	84	86703	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.069	67	28846	4.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.317	98	66534	3.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	7.625	79	10552	4.136	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.088	63	53301	46.665	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25157	4.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	32942	4.871	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						Qvalue
13) Acetone	2.195	43	55157	68.292	ug/L	91
15) Methyl Acetate	2.195	43	54611	27.896	ug/L #	50
27) 1,2-Dichloroethane	5.050	62	498	0.065	ug/L #	73
31) Carbon tetrachloride	4.825	117	2719	0.215	ug/L	97
34) Trichloroethene	5.921	95	2433	0.296	ug/L	85
35) Methylcyclohexane	6.066	83	7936	0.657	ug/L #	23
37) 1,2-Dichloropropane	6.069	63	3961	0.572	ug/L #	84
47) Tetrachloroethene	7.976	164	3689	0.510	ug/L	94
48) 2-Hexanone	8.143	43	4249	1.763	ug/L #	87
49) Dibromochloromethane	7.976	129	2859	0.410	ug/L #	11
61) 1,2,3-Trichloropropane	10.011	75	377	0.109	ug/L #	37
65) 1,4-Dichlorobenzene	11.275	146	1363	0.089	ug/L	95
67) 1,2-Dichlorobenzene	11.644	146	1255	0.090	ug/L #	90

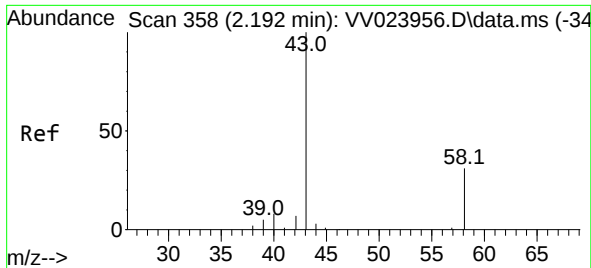
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 68.292 ug/L

RT: 2.195 min Scan# 358

Delta R.T. 0.003 min

Lab File: VV023971.D

Acq: 14 Dec 2021 16:37

Instrument :

MSVOA_V

ClientSampleId :

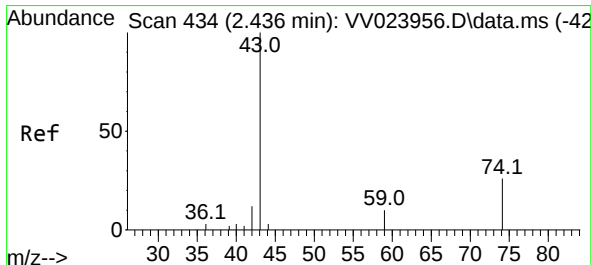
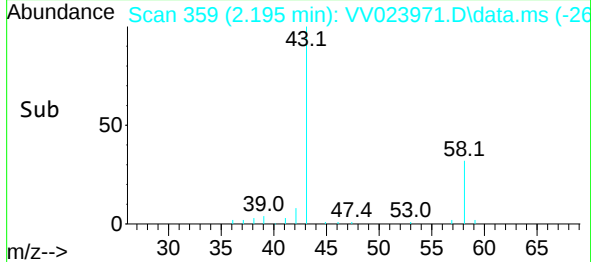
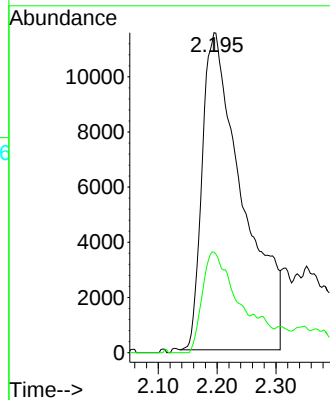
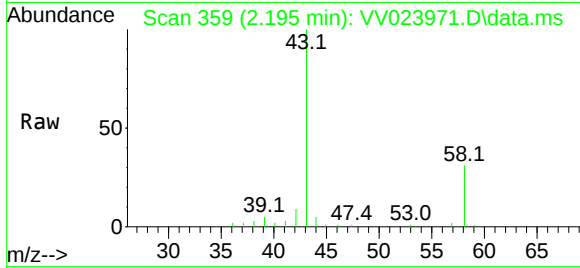
EW215

Tgt Ion: 43 Resp: 55157

Ion Ratio Lower Upper

43 100

58 25.0 0.0 41.4



#15

Methyl Acetate

Concen: 27.896 ug/L

RT: 2.195 min Scan# 359

Delta R.T. -0.241 min

Lab File: VV023971.D

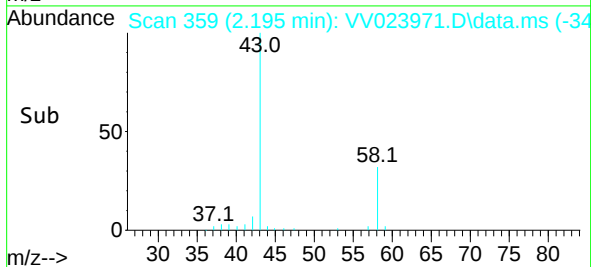
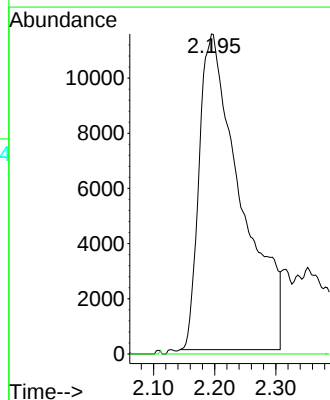
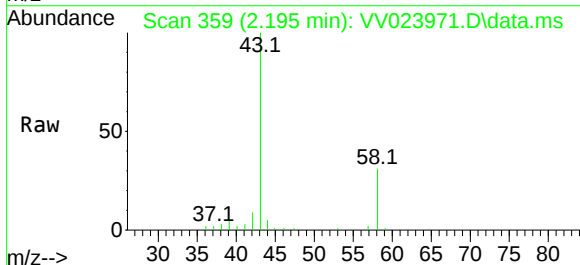
Acq: 14 Dec 2021 16:37

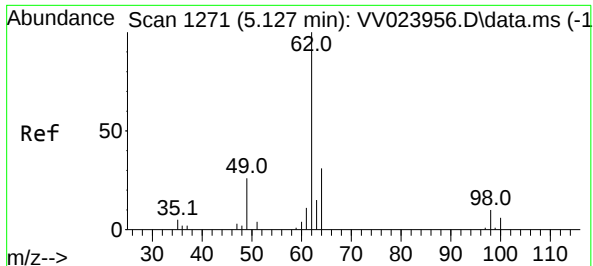
Tgt Ion: 43 Resp: 54611

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#





#27

1,2-Dichloroethane

Concen: 0.065 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV023971.D

Acq: 14 Dec 2021 16:37

Instrument :

MSVOA_V

ClientSampleId :

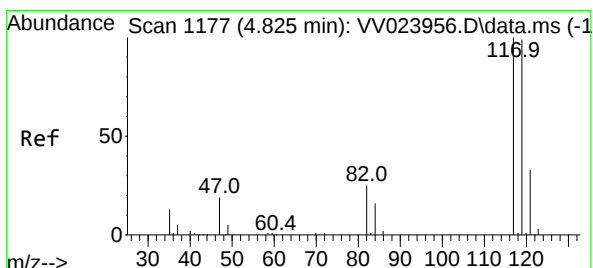
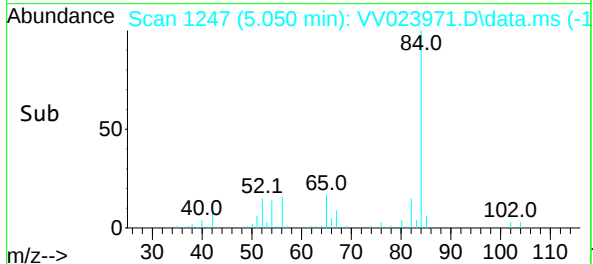
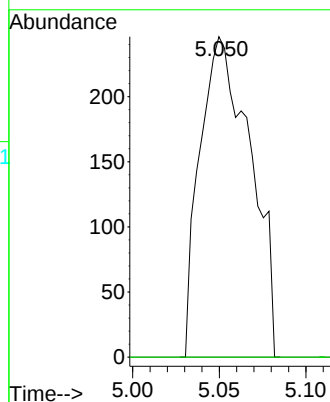
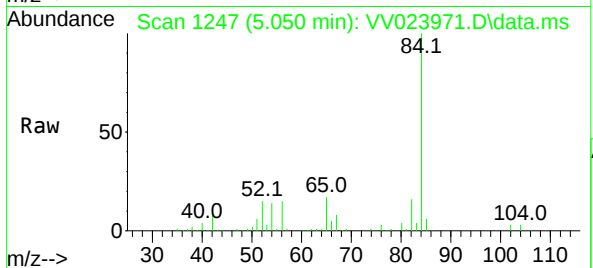
EW215

Tgt Ion: 62 Resp: 498

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#31

Carbon tetrachloride

Concen: 0.215 ug/L

RT: 4.825 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VV023971.D

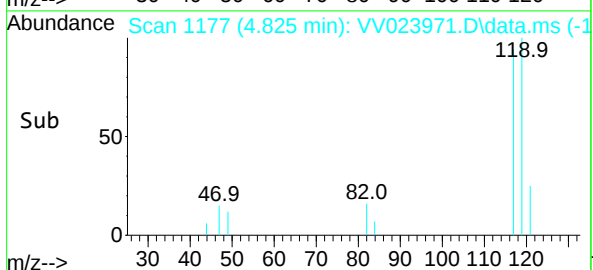
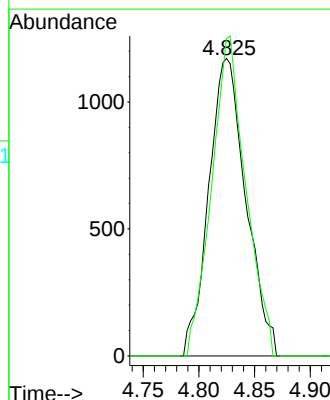
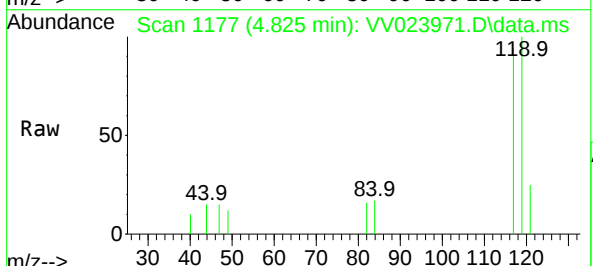
Acq: 14 Dec 2021 16:37

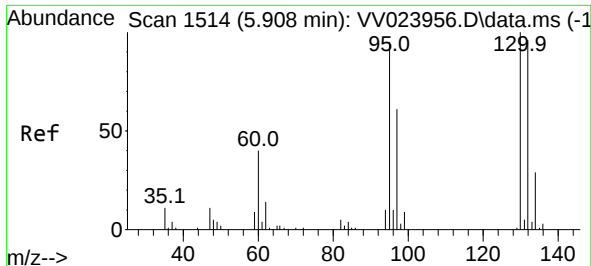
Tgt Ion: 117 Resp: 2719

Ion Ratio Lower Upper

117 100

119 98.6 76.6 114.8



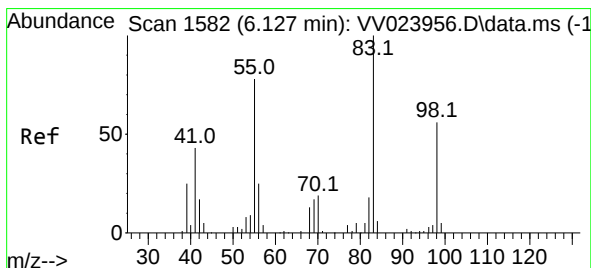
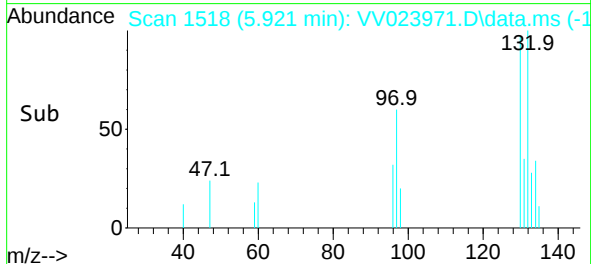
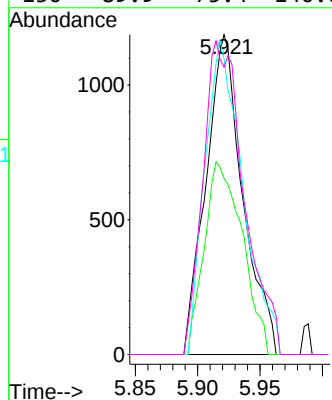
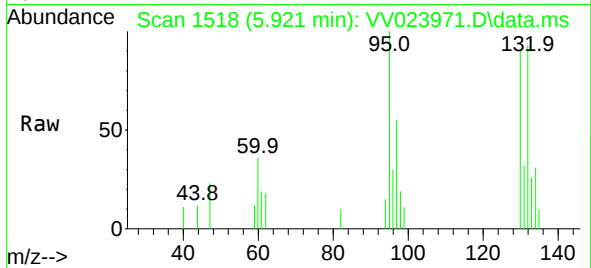


#34
Trichloroethene
Concen: 0.296 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV023971.D
Acq: 14 Dec 2021 16:37

Instrument :
MSVOA_V
ClientSampleId :
EW215

Tgt Ion: 95 Resp: 2433

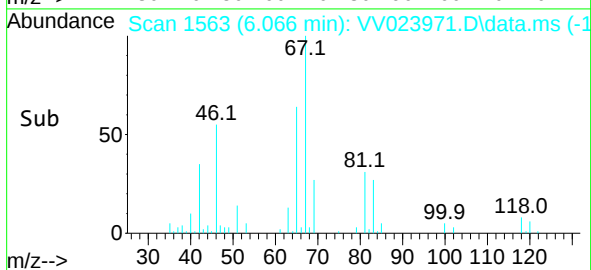
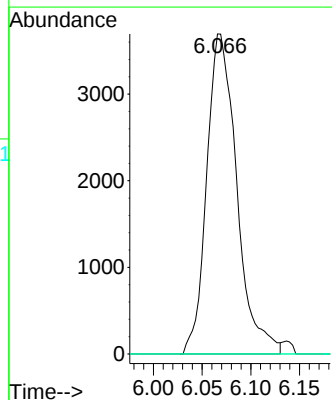
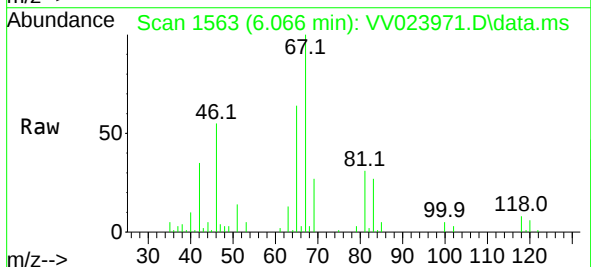
Ion	Ratio	Lower	Upper
95	100		
97	55.1	45.2	84.0
132	92.5	76.1	141.3
130	89.9	75.4	140.0

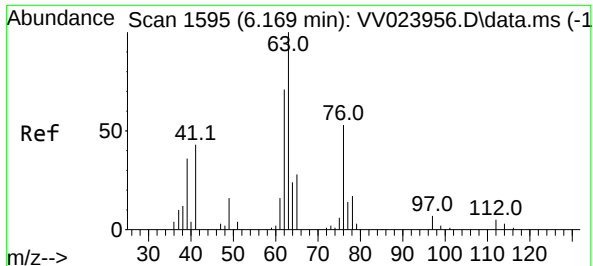


#35
Methylcyclohexane
Concen: 0.657 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV023971.D
Acq: 14 Dec 2021 16:37

Tgt Ion: 83 Resp: 7936

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.2#
98	9.1	41.0	61.4#





#37

1,2-Dichloropropane

Concen: 0.572 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV023971.D

Acq: 14 Dec 2021 16:37

Instrument :

MSVOA_V

ClientSampleId :

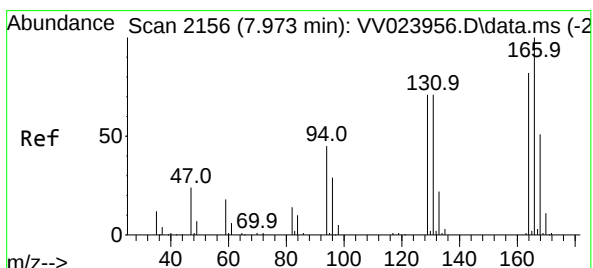
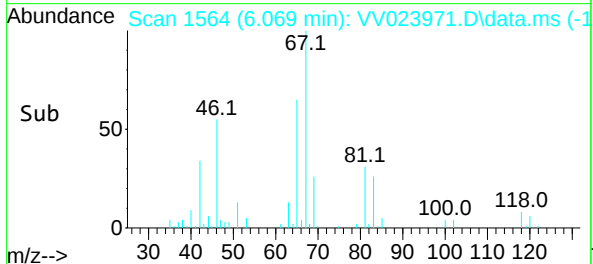
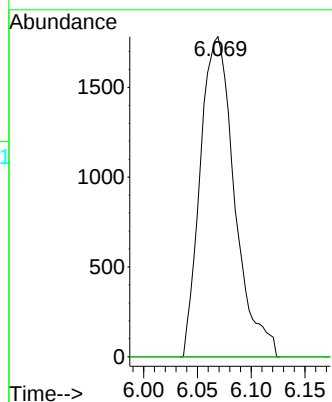
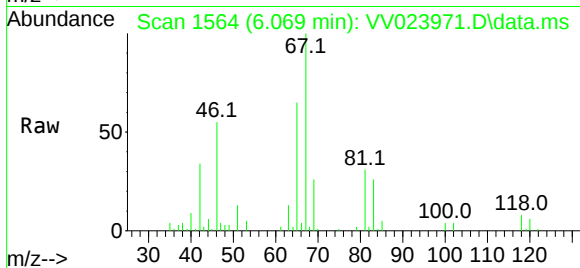
EW215

Tgt Ion: 63 Resp: 3961

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#47

Tetrachloroethene

Concen: 0.510 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV023971.D

Acq: 14 Dec 2021 16:37

Tgt Ion: 164 Resp: 3689

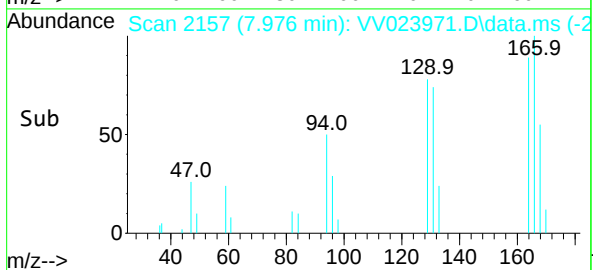
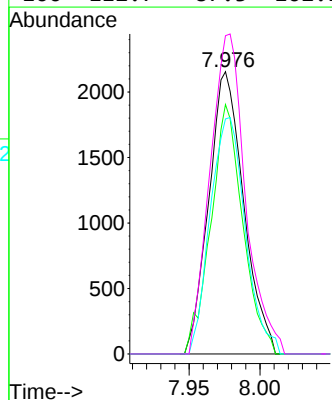
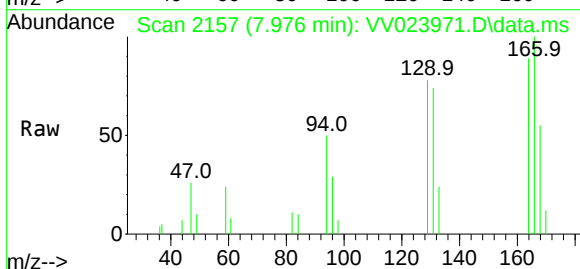
Ion Ratio Lower Upper

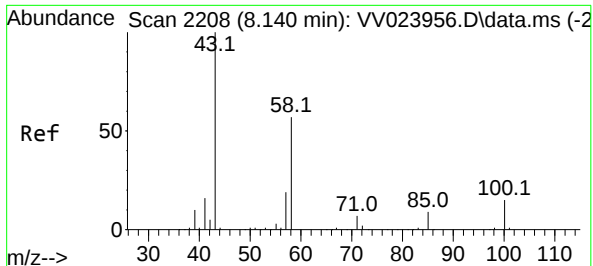
164 100

129 88.4 62.6 116.2

131 83.3 61.0 113.4

166 112.7 87.3 162.1





#48

2-Hexanone

Concen: 1.763 ug/L

RT: 8.143 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023971.D

Acq: 14 Dec 2021 16:37

Instrument :

MSVOA_V

ClientSampleId :

EW215

Tgt Ion: 43 Resp: 4249

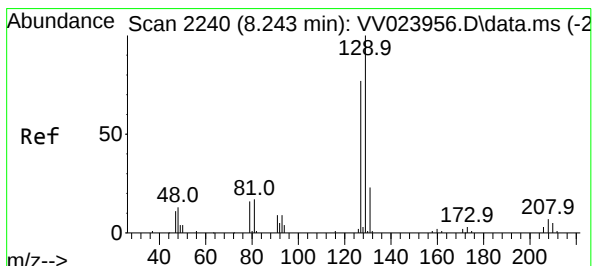
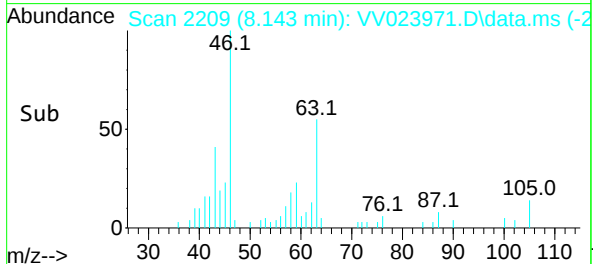
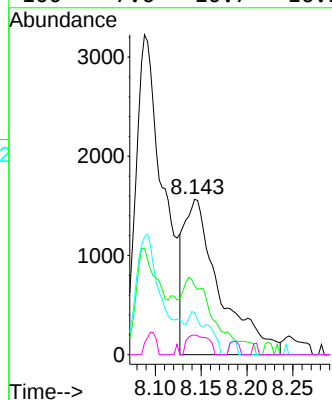
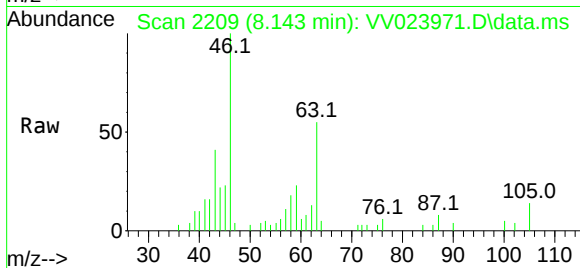
Ion Ratio Lower Upper

43 100

58 45.8 44.5 66.7

57 15.1 15.1 22.7#

100 7.6 10.7 16.1#



#49

Dibromochloromethane

Concen: 0.410 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023971.D

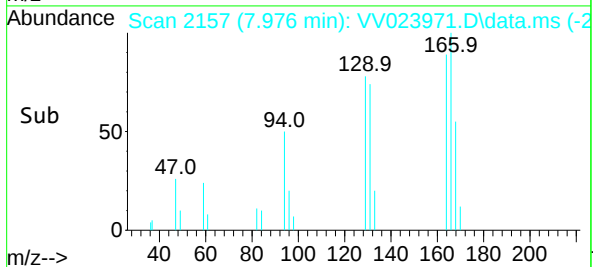
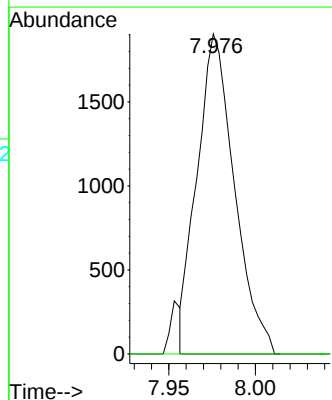
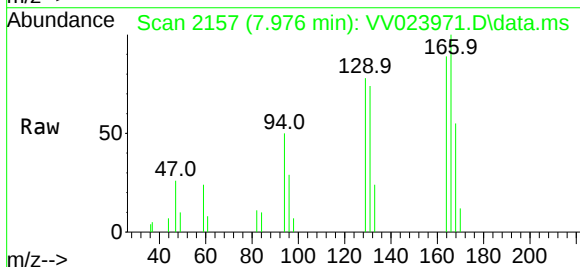
Acq: 14 Dec 2021 16:37

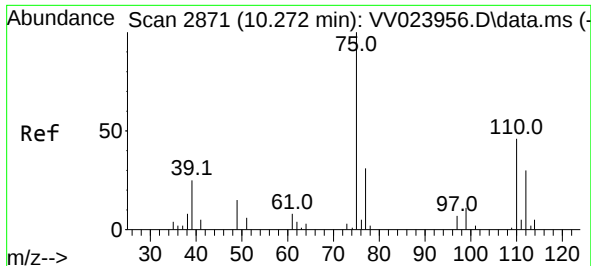
Tgt Ion: 129 Resp: 2859

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#

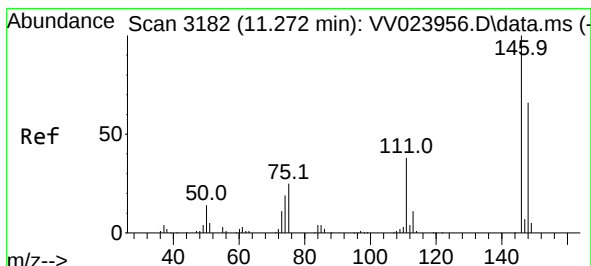
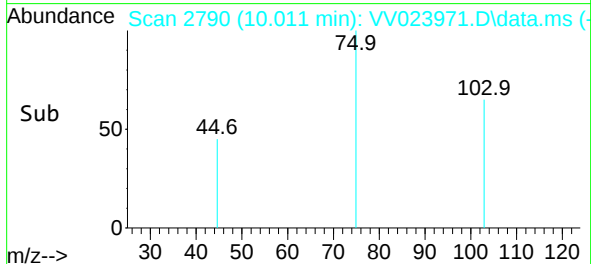
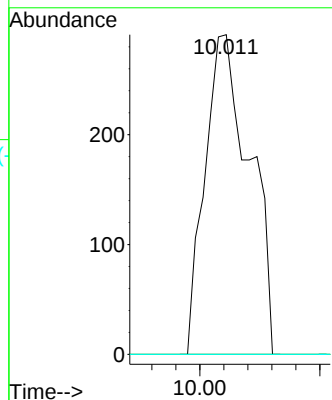
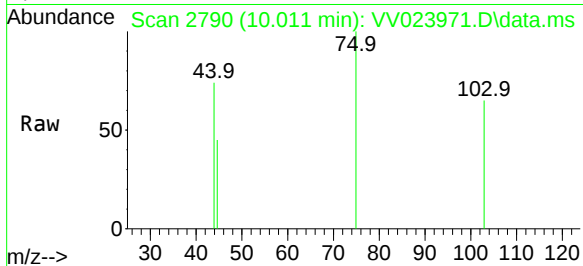




#61
 1,2,3-Trichloropropane
 Concen: 0.109 ug/L
 RT: 10.011 min Scan# 21
 Delta R.T. -0.260 min
 Lab File: VV023971.D
 Acq: 14 Dec 2021 16:37

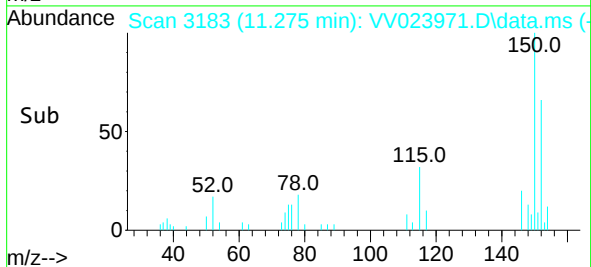
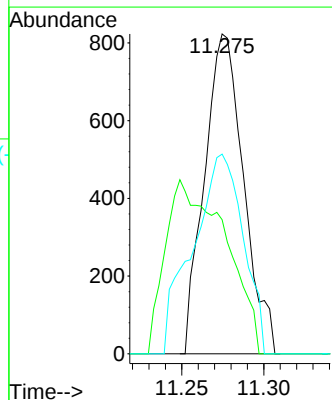
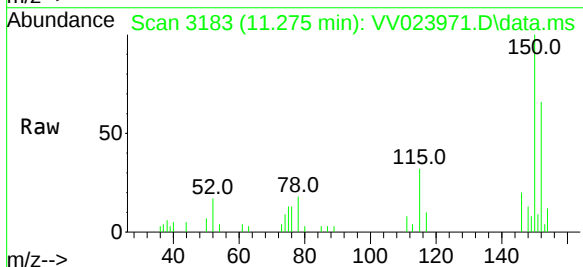
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 EW215

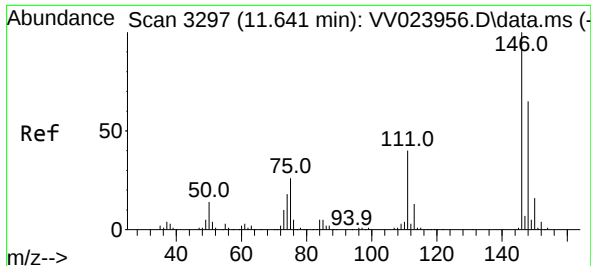
Tgt Ion: 75 Resp: 377
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.4 39.6#
 110 0.0 34.2 51.2#



#65
 1,4-Dichlorobenzene
 Concen: 0.089 ug/L
 RT: 11.275 min Scan# 3183
 Delta R.T. 0.003 min
 Lab File: VV023971.D
 Acq: 14 Dec 2021 16:37

Tgt Ion: 146 Resp: 1363
 Ion Ratio Lower Upper
 146 100
 111 41.9 25.6 47.6
 148 62.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.090 ug/L

RT: 11.644 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023971.D

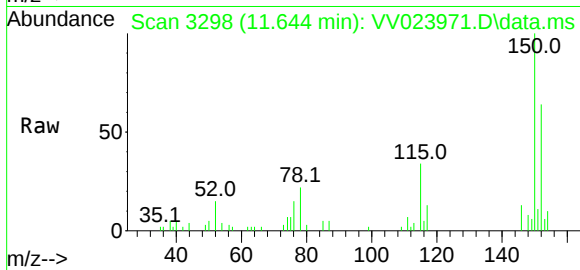
Acq: 14 Dec 2021 16:37

Instrument :

MSVOA_V

ClientSampleId :

EW215



Tgt Ion:	146	Resp:	1255
Ion	Ratio	Lower	Upper
146	100		
111	53.7	31.9	47.9#
148	61.7	50.5	75.7

