

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023923.D
 Acq On : 11 Dec 2021 06:12
 Operator : SY/MD
 Sample : M5005-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW212

Quant Time: Dec 11 23:58:16 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)

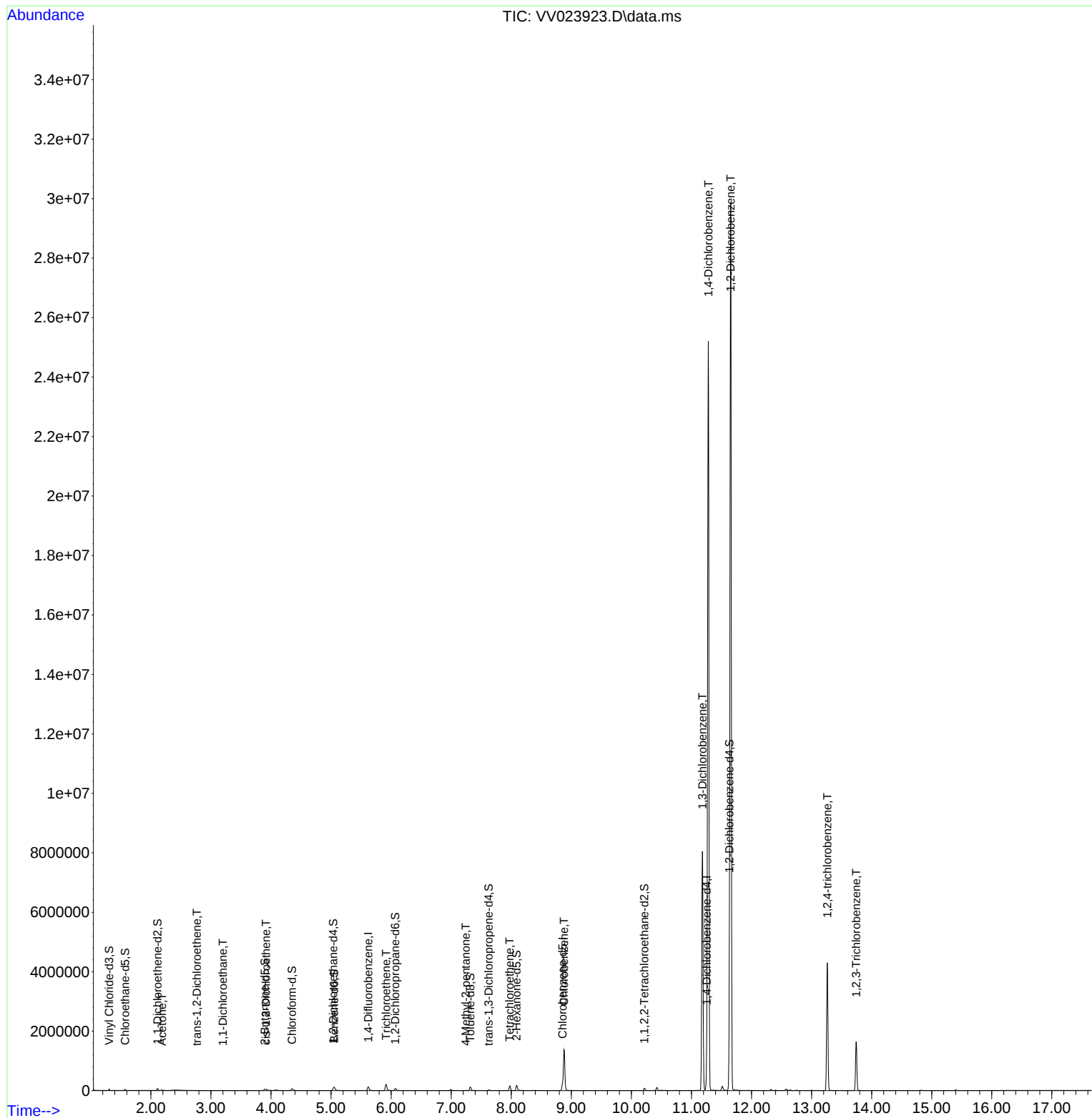
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	109777	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	114301	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	77239	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	23477	3.978	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.571	69	22149	4.498	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.111	63	32843	2.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.000%#
20) 2-Butanone-d5	3.896	46	69702	60.454	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.900%
24) Chloroform-d	4.349	84	58850	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.037	65	29935	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.053	84	99913	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.069	67	32202	4.715	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.317	98	82048	4.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.625	79	11904	4.201	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.088	63	60872	47.989	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.980%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25116	4.433	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.632	152	48437	4.695	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
13) Acetone	2.188	43	31238	33.865	ug/L	91
18) trans-1,2-Dichloroethene	2.767	96	793	0.097	ug/L	98
19) 1,1-Dichloroethane	3.198	63	1827	0.125	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	10287	1.192	ug/L	94
34) Trichloroethene	5.915	95	68851	7.549	ug/L	95
40) 4-Methyl-2-pentanone	7.243	43	3368	0.912	ug/L	# 86
47) Tetrachloroethene	7.976	164	34456	4.291	ug/L	95
51) Chlorobenzene	8.879	112	727202	29.898	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	3185559	137.348	ug/L	98
65) 1,4-Dichlorobenzene	11.281	146	9639640	413.814	ug/L	93
67) 1,2-Dichlorobenzene	11.654	146	11234402	528.706	ug/L	91
70) 1,2,4-trichlorobenzene	13.262	180	1281867	85.557	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	487928	36.888	ug/L	99

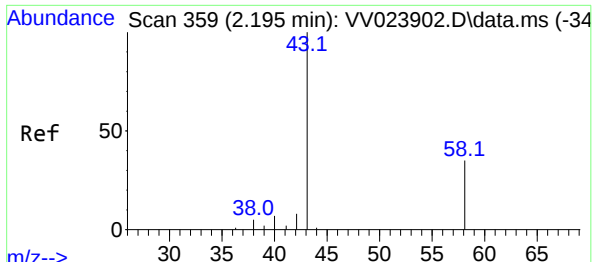
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 33.865 ug/L

RT: 2.188 min Scan# 312

Delta R.T. -0.003 min

Lab File: VV023923.D

Acq: 11 Dec 2021 06:12

Instrument :

MSVOA_V

ClientSampleId :

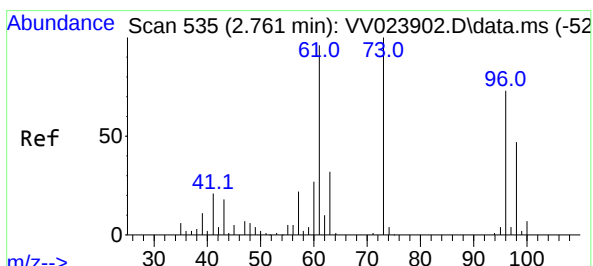
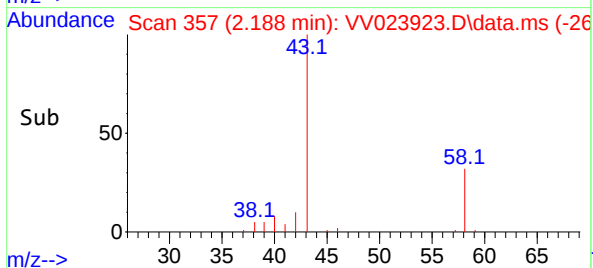
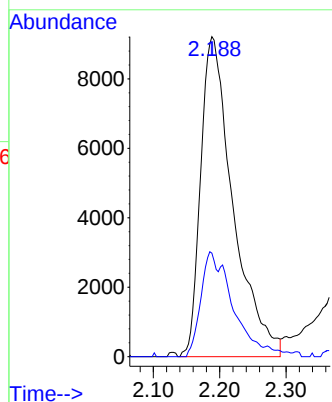
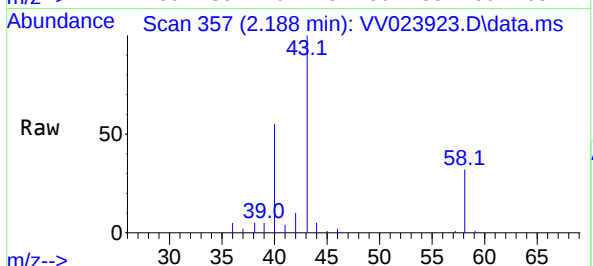
EW212

Tgt Ion: 43 Resp: 31238

Ion Ratio Lower Upper

43 100

58 16.7 0.0 41.4



#18

trans-1,2-Dichloroethene

Concen: 0.097 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.007 min

Lab File: VV023923.D

Acq: 11 Dec 2021 06:12

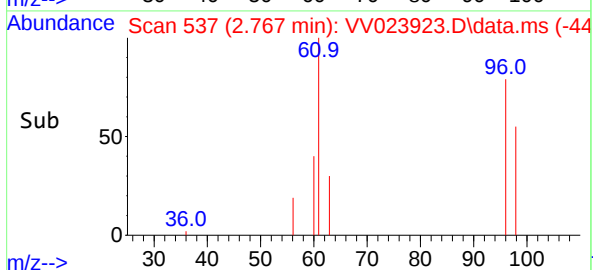
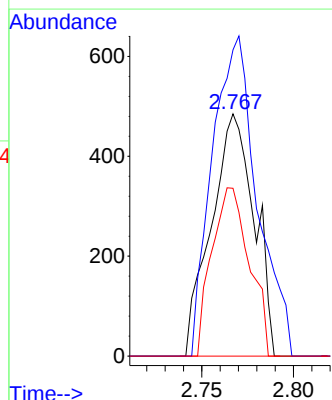
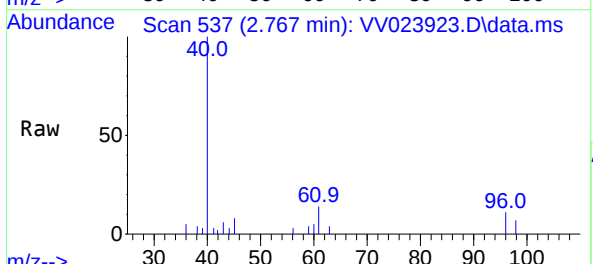
Tgt Ion: 96 Resp: 793

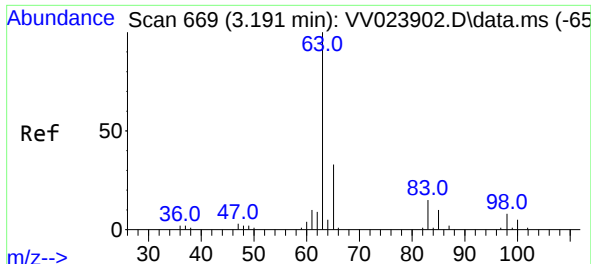
Ion Ratio Lower Upper

96 100

61 126.4 88.2 163.8

98 69.3 44.9 83.5





#19

1,1-Dichloroethane

Concen: 0.125 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV023923.D

Acq: 11 Dec 2021 06:12

Instrument :

MSVOA_V

ClientSampleId :

EW212

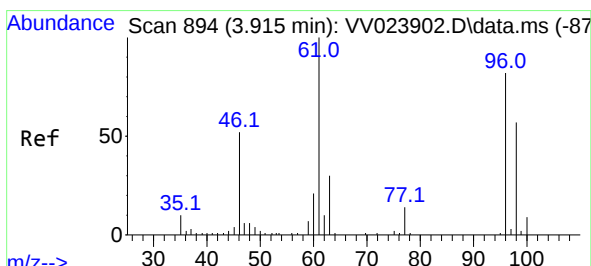
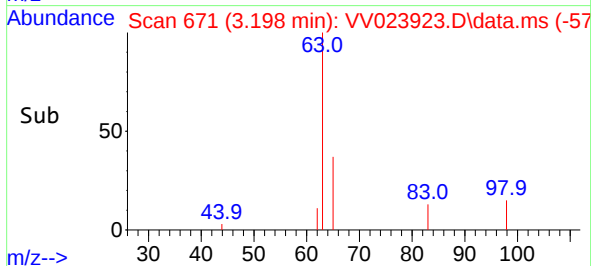
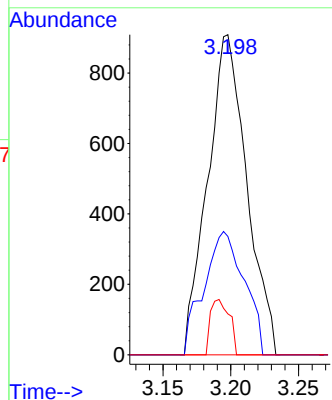
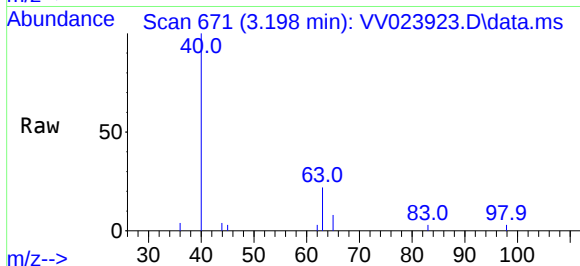
Tgt Ion: 63 Resp: 1827

Ion Ratio Lower Upper

63 100

65 37.0 22.3 41.3

83 12.8 10.7 19.9



#22

cis-1,2-Dichloroethene

Concen: 1.192 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.007 min

Lab File: VV023923.D

Acq: 11 Dec 2021 06:12

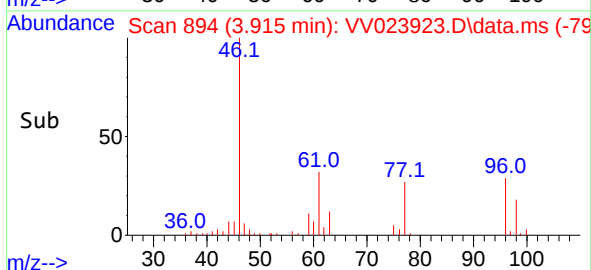
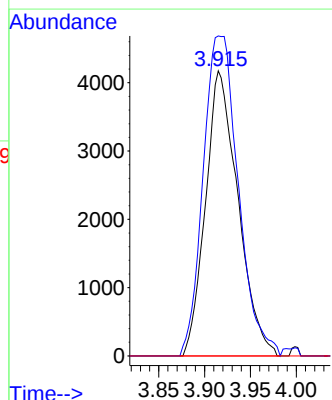
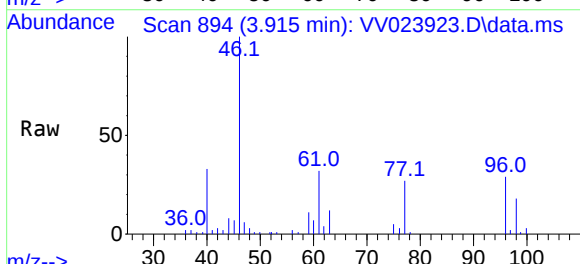
Tgt Ion: 96 Resp: 10287

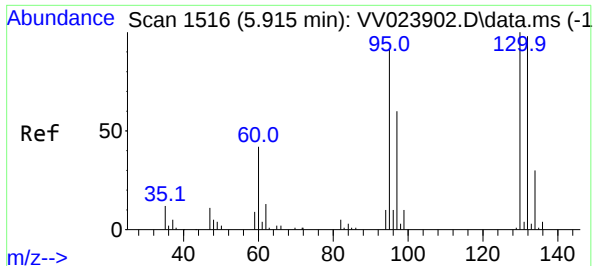
Ion Ratio Lower Upper

96 100

61 112.2 83.4 154.8

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 7.549 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023923.D

Acq: 11 Dec 2021 06:12

Instrument :

MSVOA_V

ClientSampleId :

EW212

Tgt Ion: 95 Resp: 68851

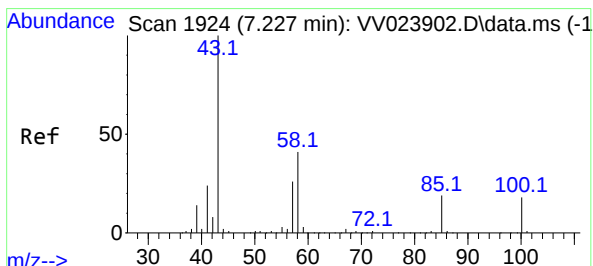
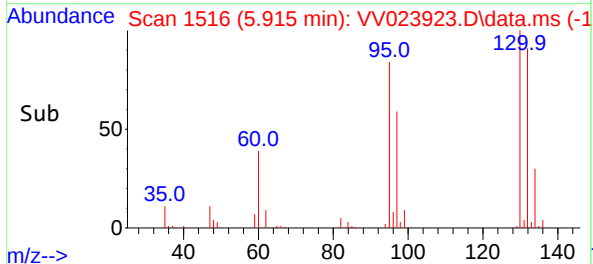
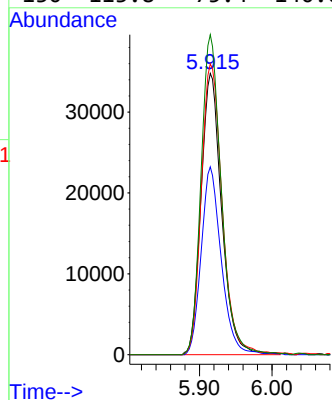
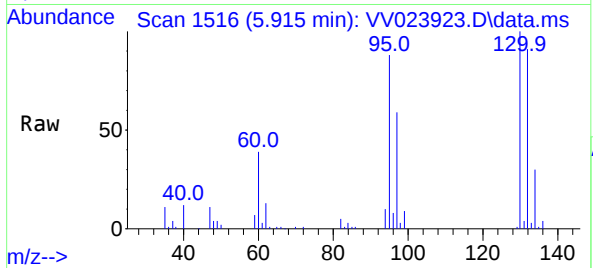
Ion Ratio Lower Upper

95 100

97 66.8 45.2 84.0

132 103.4 76.1 141.3

130 113.8 75.4 140.0



#40

4-Methyl-2-pentanone

Concen: 0.912 ug/L

RT: 7.243 min Scan# 1929

Delta R.T. 0.016 min

Lab File: VV023923.D

Acq: 11 Dec 2021 06:12

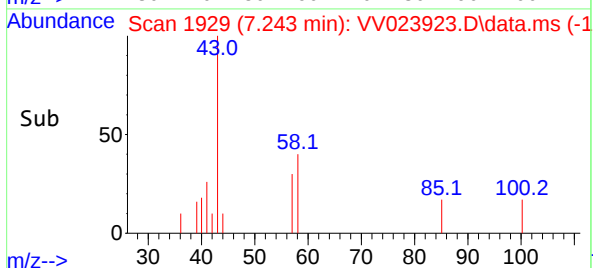
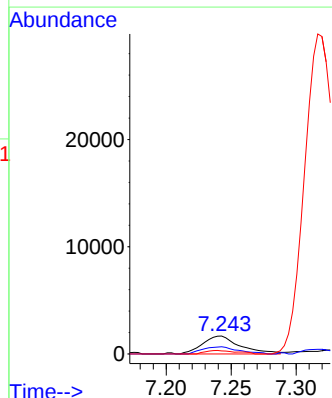
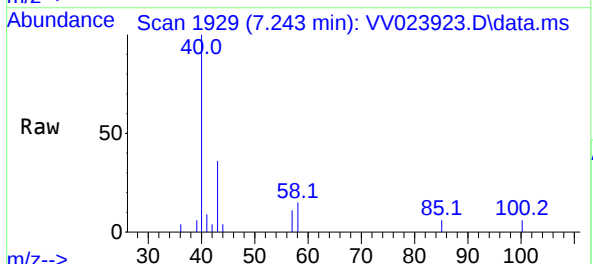
Tgt Ion: 43 Resp: 3368

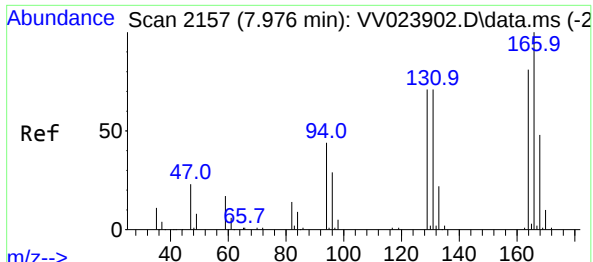
Ion Ratio Lower Upper

43 100

58 38.2 32.3 48.5

100 0.0 13.0 19.6#



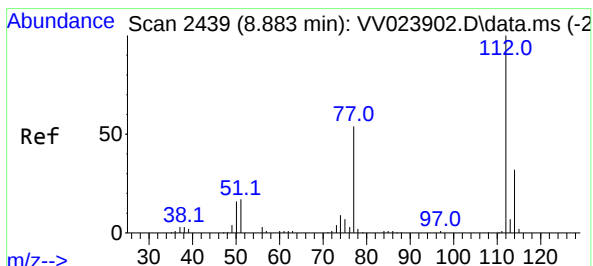
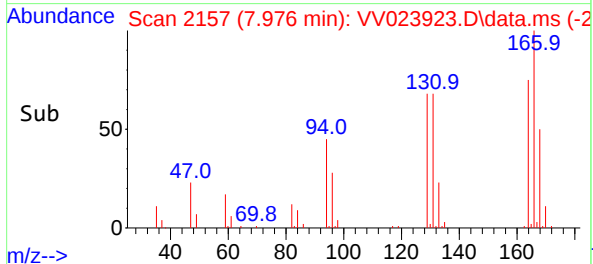
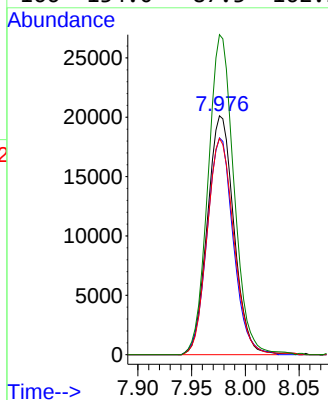
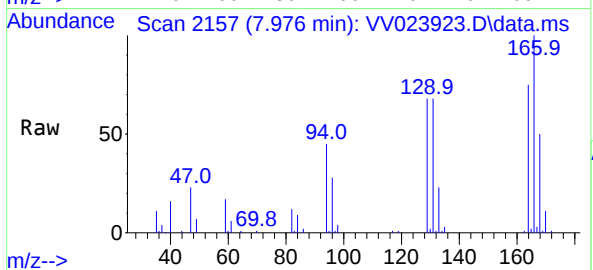


#47
Tetrachloroethene
Concen: 4.291 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023923.D
Acq: 11 Dec 2021 06:12

Instrument :
MSVOA_V
ClientSampleId :
EW212

Tgt Ion:164 Resp: 34456

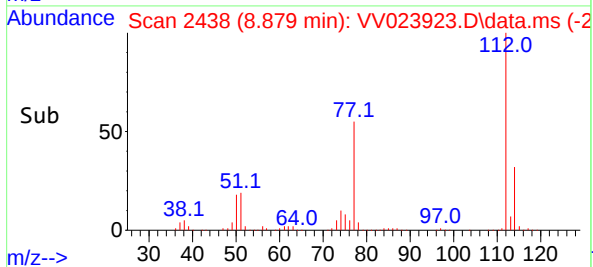
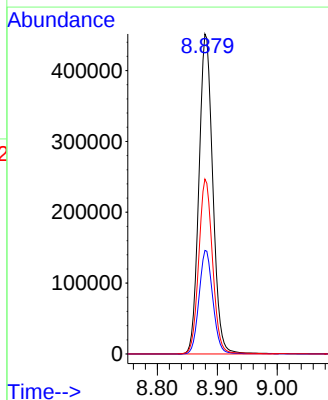
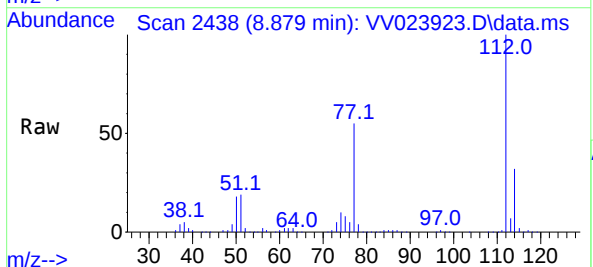
Ion	Ratio	Lower	Upper
164	100		
129	90.8	62.6	116.2
131	90.6	61.0	113.4
166	134.0	87.3	162.1

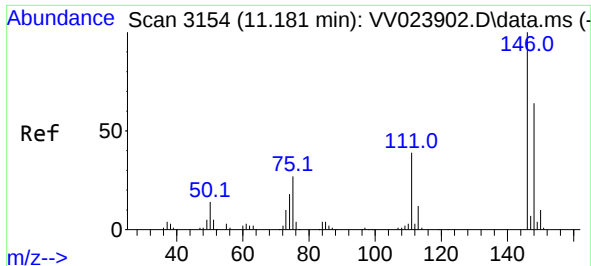


#51
Chlorobenzene
Concen: 29.898 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV023923.D
Acq: 11 Dec 2021 06:12

Tgt Ion:112 Resp: 727202

Ion	Ratio	Lower	Upper
112	100		
114	32.4	23.3	43.3
77	54.7	43.3	64.9

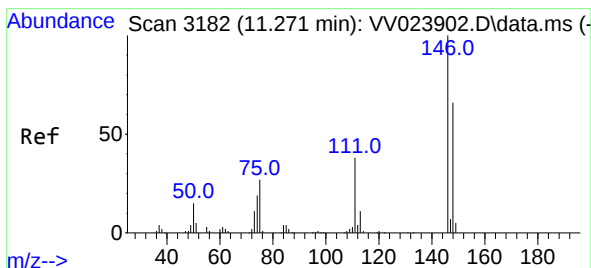
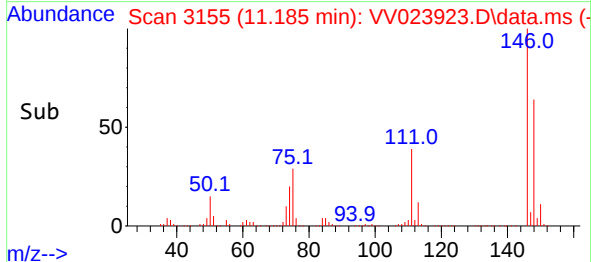
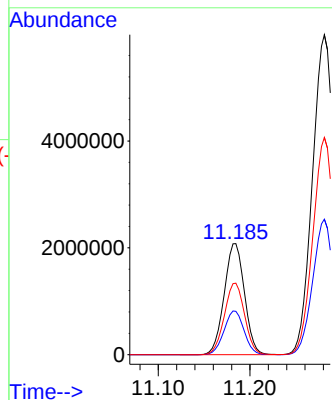
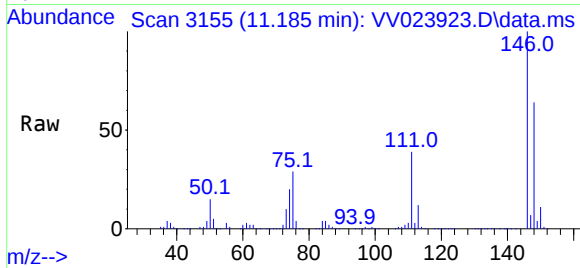




#64
1,3-Dichlorobenzene
Concen: 137.348 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.007 min
Lab File: VV023923.D
Acq: 11 Dec 2021 06:12

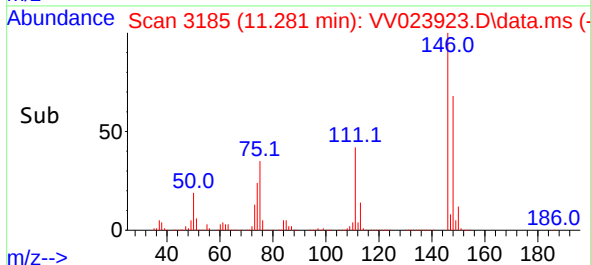
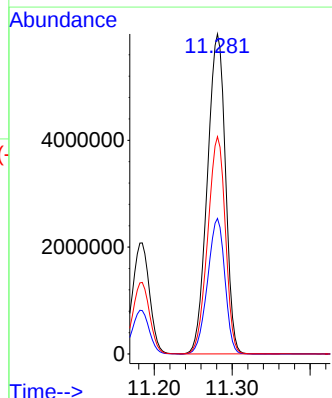
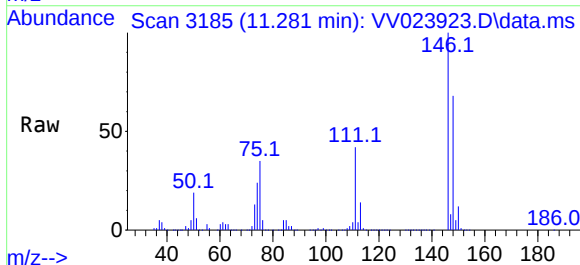
Instrument :
MSVOA_V
ClientSampleId :
EW212

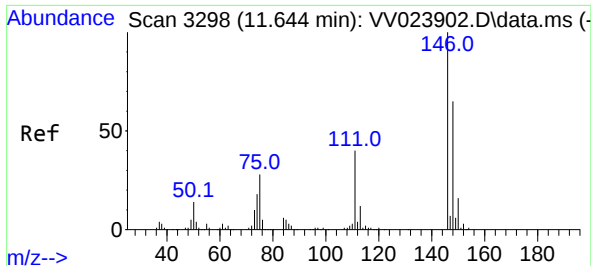
Tgt Ion:146 Resp: 3185559
Ion Ratio Lower Upper
146 100
111 39.1 26.3 48.9
148 64.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 413.814 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. 0.010 min
Lab File: VV023923.D
Acq: 11 Dec 2021 06:12

Tgt Ion:146 Resp: 9639640
Ion Ratio Lower Upper
146 100
111 42.3 25.6 47.6
148 67.9 44.8 83.2

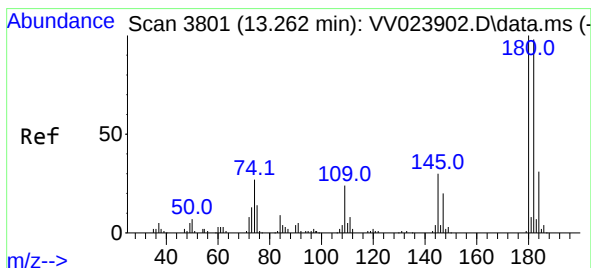
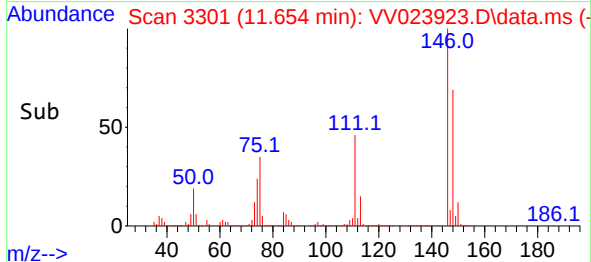
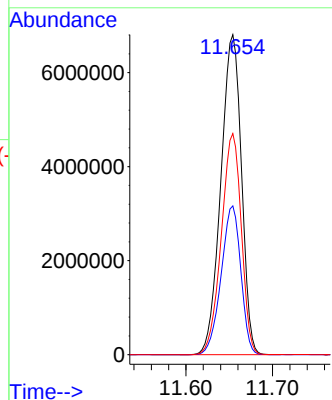
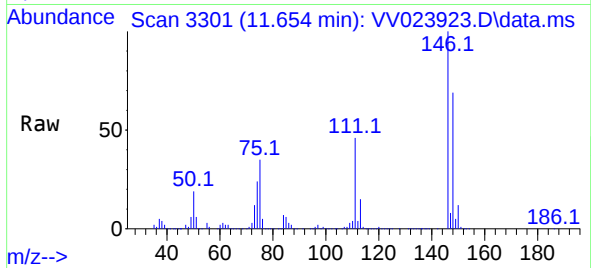




#67
1,2-Dichlorobenzene
Concen: 528.706 ug/L
RT: 11.654 min Scan# 311
Delta R.T. 0.013 min
Lab File: VV023923.D
Acq: 11 Dec 2021 06:12

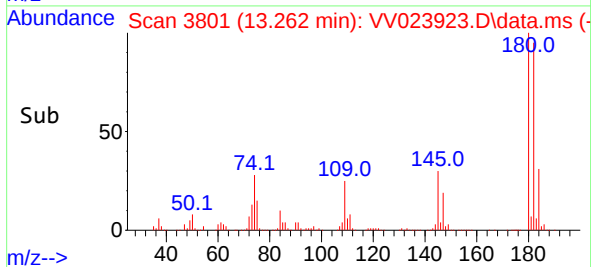
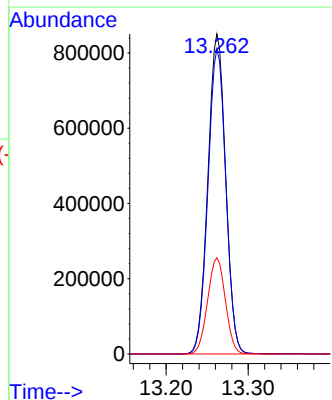
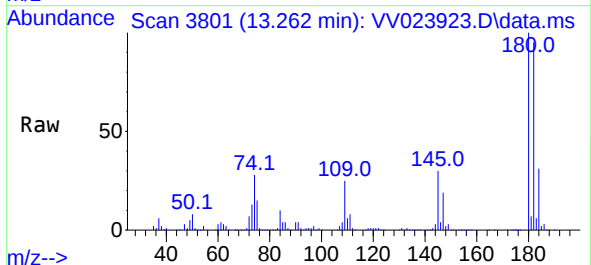
Instrument :
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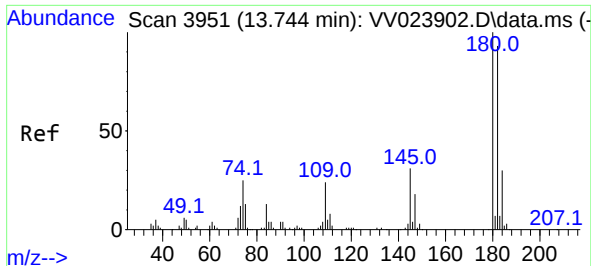
Tgt Ion:146 Resp:11234402
Ion Ratio Lower Upper
146 100
111 46.5 31.9 47.9
148 69.1 50.5 75.7



#70
1,2,4-trichlorobenzene
Concen: 85.557 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023923.D
Acq: 11 Dec 2021 06:12

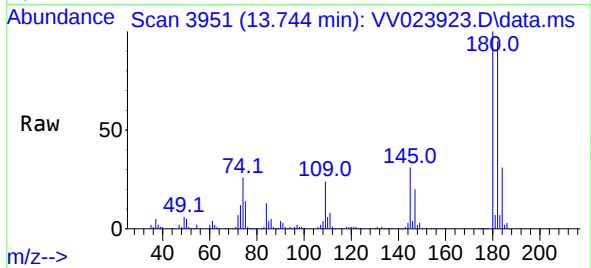
Tgt Ion:180 Resp: 1281867
Ion Ratio Lower Upper
180 100
182 95.7 74.4 111.6
145 30.1 23.3 34.9





#72
 1,2,3-Trichlorobenzene
 Concen: 36.888 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. 0.000 min
 Lab File: VV023923.D
 Acq: 11 Dec 2021 06:12

Instrument :
 MSVOA_V
 ClientSampleId :
 EW212



Tgt Ion:180 Resp: 487928
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.8 115.2
 145 31.7 25.8 38.6

