

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023921.D
 Acq On : 11 Dec 2021 05:25
 Operator : SY/MD
 Sample : M5005-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW210

Quant Time: Dec 11 06:51:11 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)

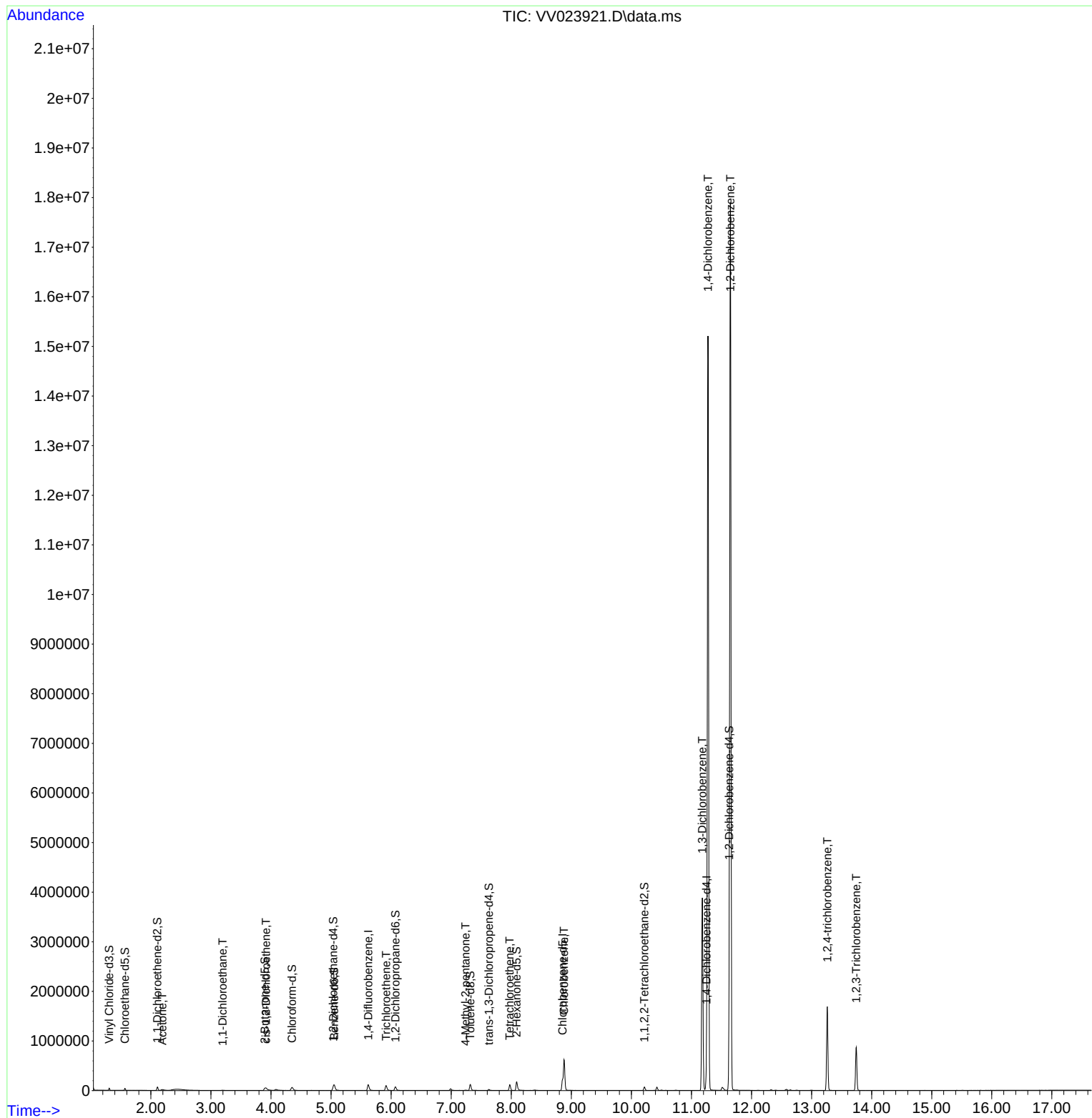
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	101322	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	109672	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73898	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	25381	4.660	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.568	69	23171	5.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.108	63	34188	3.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.899	46	72657	68.275	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.560%#
24) Chloroform-d	4.352	84	60601	4.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.037	65	29456	5.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.053	84	101466	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.072	67	32894	5.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.317	98	82972	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.628	79	11613	4.271	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.088	63	60687	49.862	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.720%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26569	4.887	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.628	152	48018	4.865	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
13) Acetone	2.191	43	34316	40.306	ug/L	73
19) 1,1-Dichloroethane	3.195	63	3873	0.287	ug/L	91
22) cis-1,2-Dichloroethene	3.915	96	14253	1.789	ug/L	98
34) Trichloroethene	5.915	95	33852	3.868	ug/L	97
40) 4-Methyl-2-pentanone	7.239	43	4096	1.156	ug/L	# 86
47) Tetrachloroethene	7.976	164	26568	3.448	ug/L	100
51) Chlorobenzene	8.879	112	329328	14.112	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	1529987	68.949	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	5771203	258.949	ug/L	97
67) 1,2-Dichlorobenzene	11.648	146	6776973	333.353	ug/L	95
70) 1,2,4-trichlorobenzene	13.262	180	497960	34.738	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	260334	20.571	ug/L	99

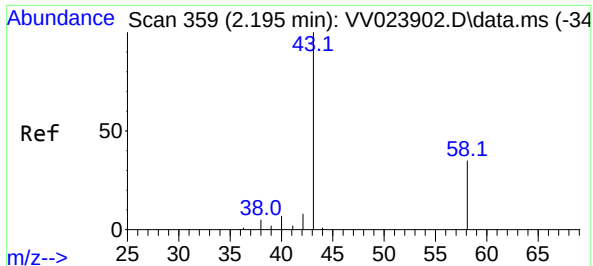
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 40.306 ug/L

RT: 2.191 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV023921.D

Acq: 11 Dec 2021 05:25

Instrument :

MSVOA_V

ClientSampleId :

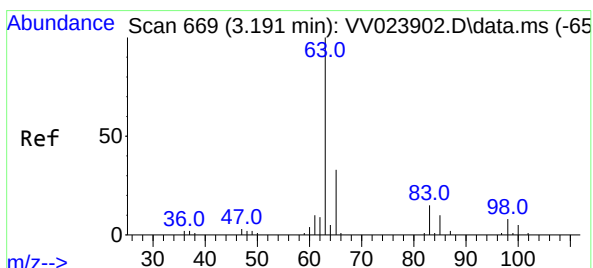
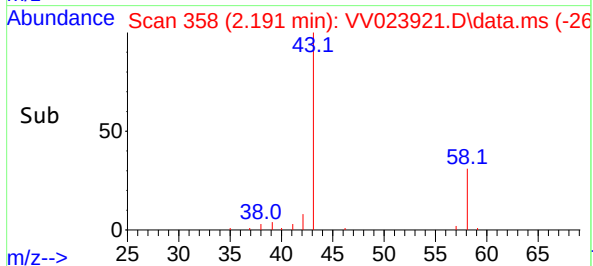
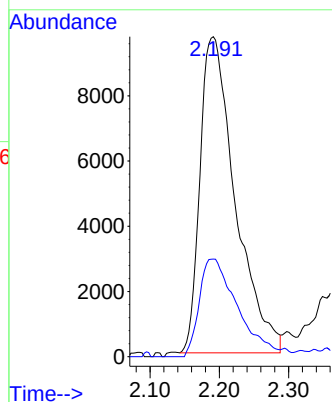
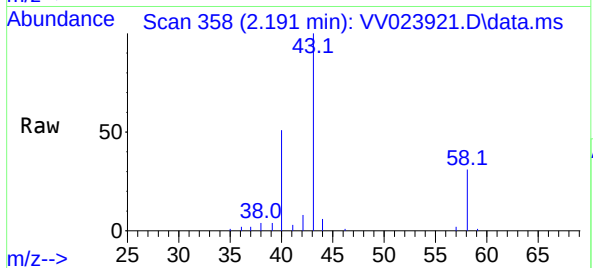
EW210

Tgt Ion: 43 Resp: 34316

Ion Ratio Lower Upper

43 100

58 33.4 0.0 41.4



#19

1,1-Dichloroethane

Concen: 0.287 ug/L

RT: 3.195 min Scan# 670

Delta R.T. 0.006 min

Lab File: VV023921.D

Acq: 11 Dec 2021 05:25

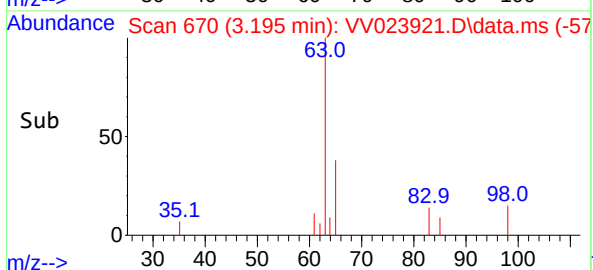
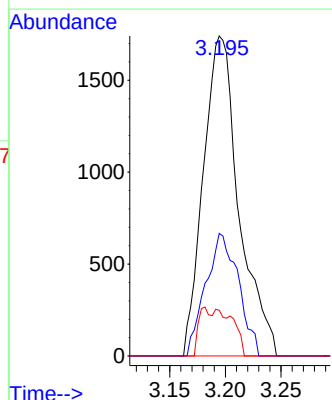
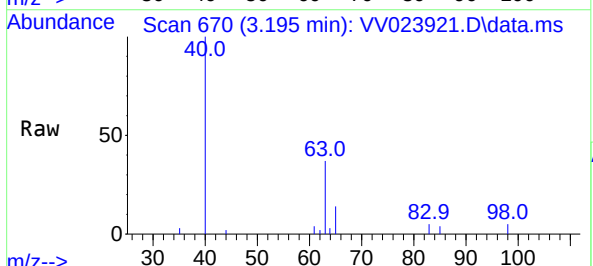
Tgt Ion: 63 Resp: 3873

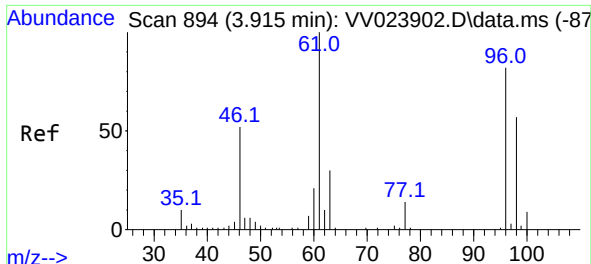
Ion Ratio Lower Upper

63 100

65 38.3 22.3 41.3

83 14.3 10.7 19.9

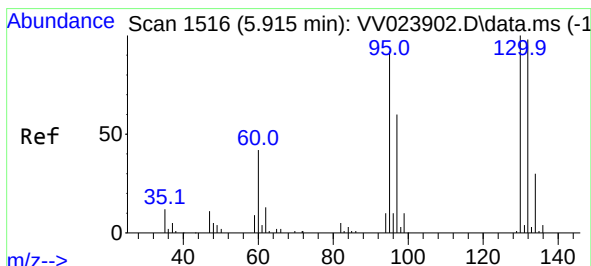
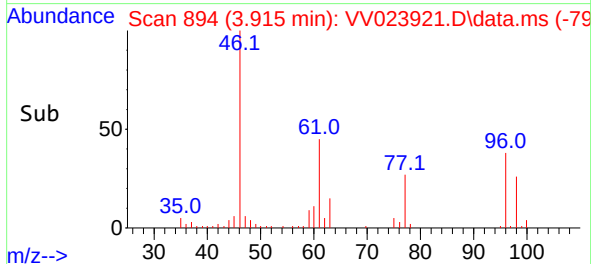
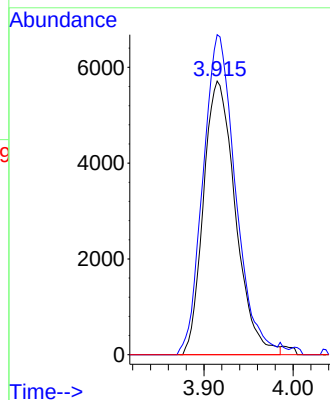
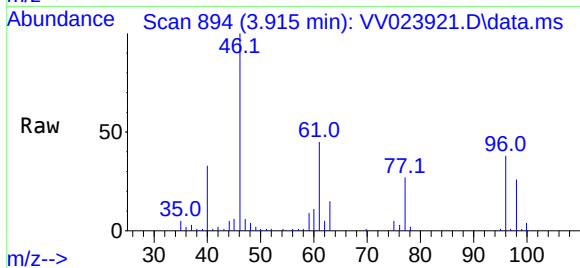




#22
cis-1,2-Dichloroethene
Concen: 1.789 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV023921.D
Acq: 11 Dec 2021 05:25

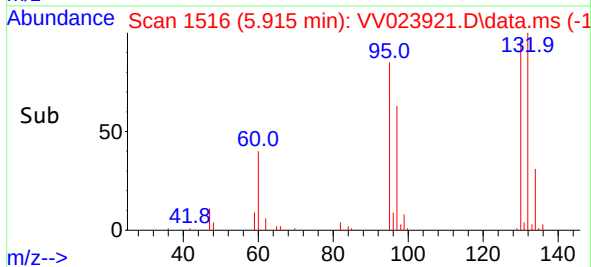
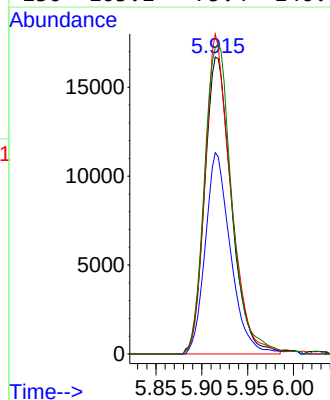
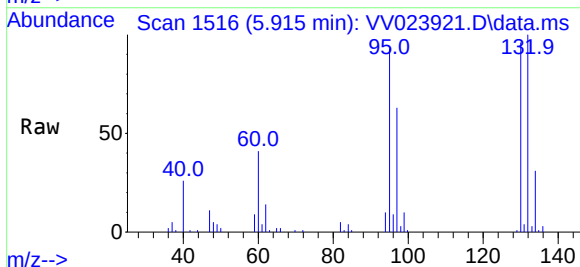
Instrument :
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ClientSampleId :
EW210

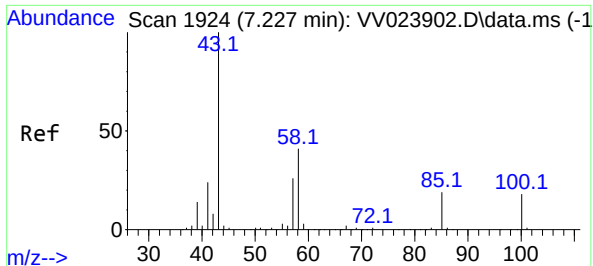
Tgt Ion: 96 Resp: 14253
Ion Ratio Lower Upper
96 100
61 117.0 83.4 154.8
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 3.868 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023921.D
Acq: 11 Dec 2021 05:25

Tgt Ion: 95 Resp: 33852
Ion Ratio Lower Upper
95 100
97 67.8 45.2 84.0
132 107.8 76.1 141.3
130 103.1 75.4 140.0





#40

4-Methyl-2-pentanone

Concen: 1.156 ug/L

RT: 7.239 min Scan# 1928

Delta R.T. 0.013 min

Lab File: VV023921.D

Acq: 11 Dec 2021 05:25

Instrument :

MSVOA_V

ClientSampleId :

EW210

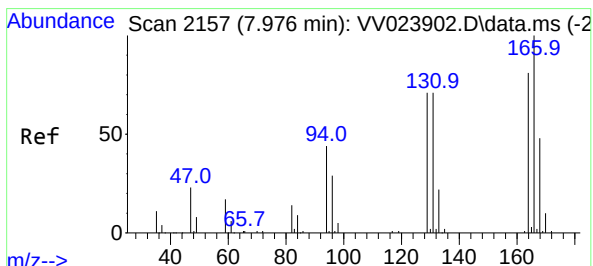
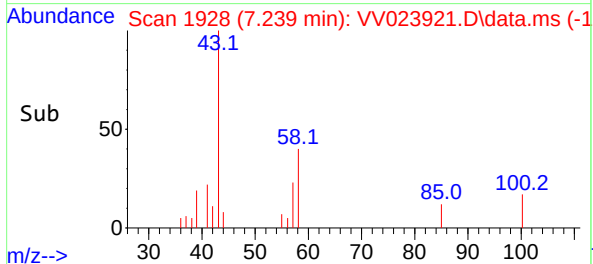
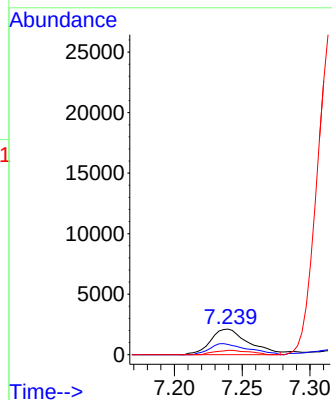
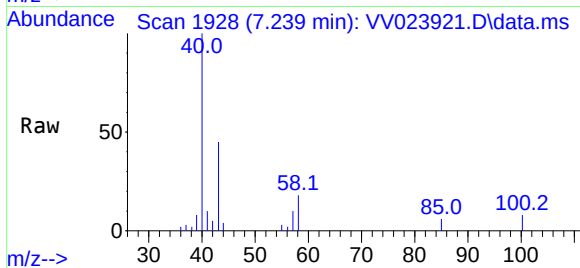
Tgt Ion: 43 Resp: 4096

Ion Ratio Lower Upper

43 100

58 43.0 32.3 48.5

100 0.0 13.0 19.6#



#47

Tetrachloroethene

Concen: 3.448 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV023921.D

Acq: 11 Dec 2021 05:25

Tgt Ion: 164 Resp: 26568

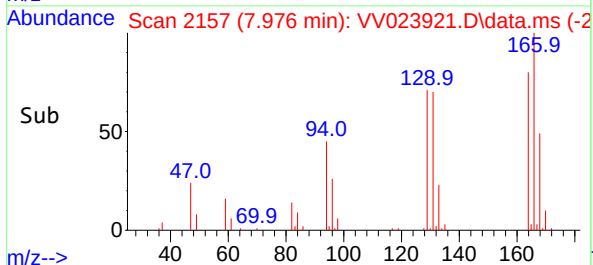
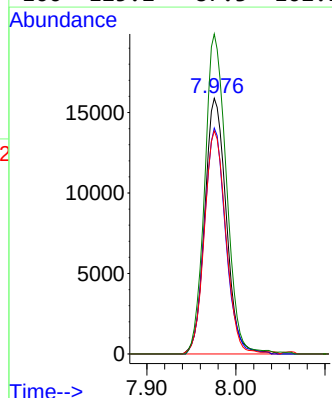
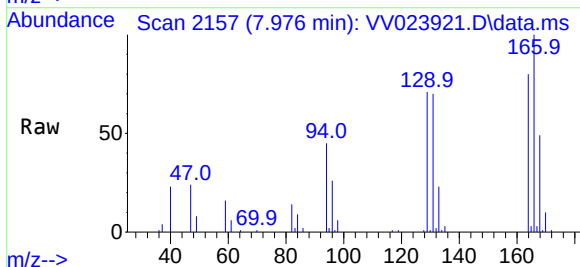
Ion Ratio Lower Upper

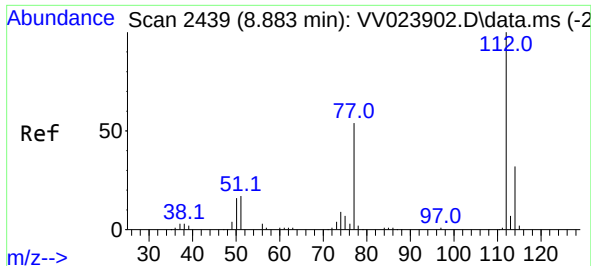
164 100

129 88.4 62.6 116.2

131 87.2 61.0 113.4

166 125.2 87.3 162.1

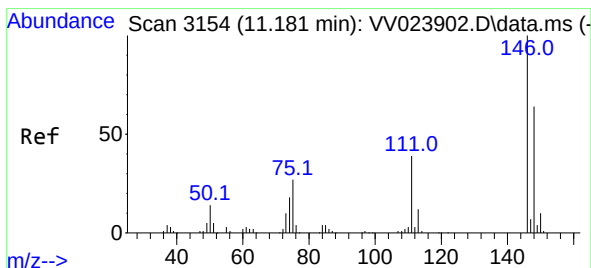
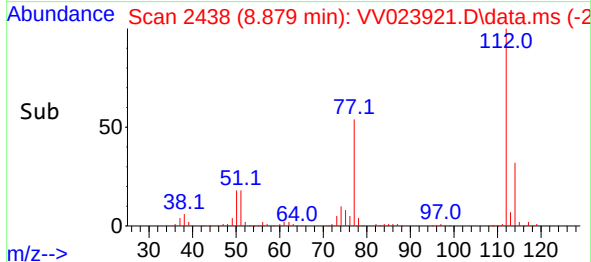
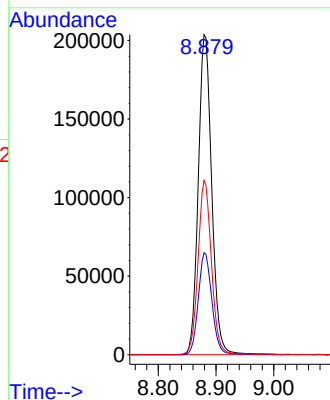
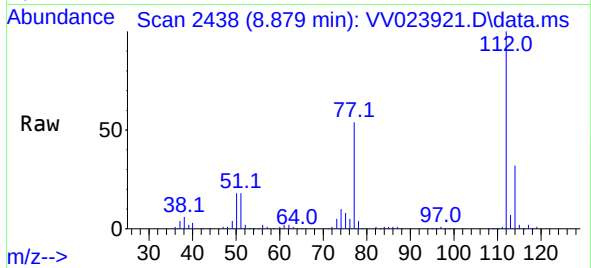




#51
Chlorobenzene
Concen: 14.112 ug/L
RT: 8.879 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV023921.D
Acq: 11 Dec 2021 05:25

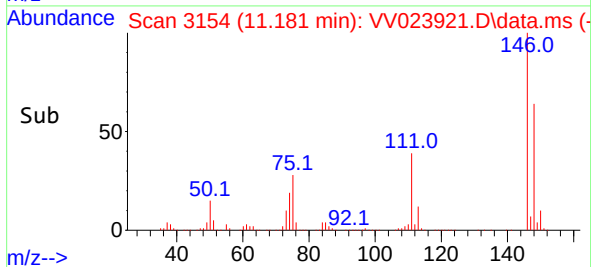
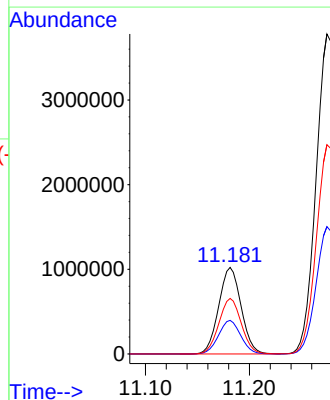
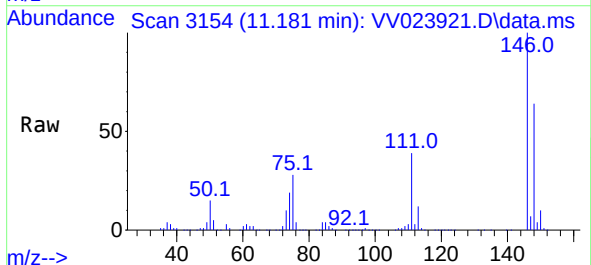
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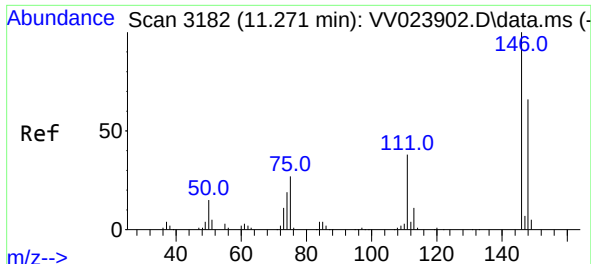
Tgt Ion:112 Resp: 329328
Ion Ratio Lower Upper
112 100
114 31.9 23.3 43.3
77 54.4 43.3 64.9



#64
1,3-Dichlorobenzene
Concen: 68.949 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV023921.D
Acq: 11 Dec 2021 05:25

Tgt Ion:146 Resp: 1529987
Ion Ratio Lower Upper
146 100
111 38.8 26.3 48.9
148 64.2 44.4 82.5

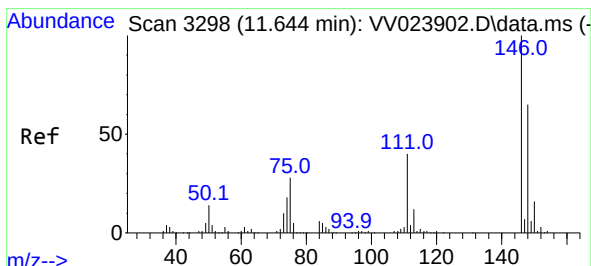
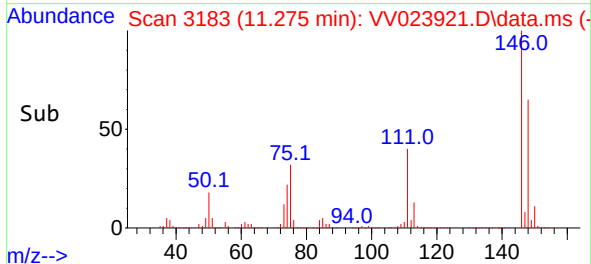
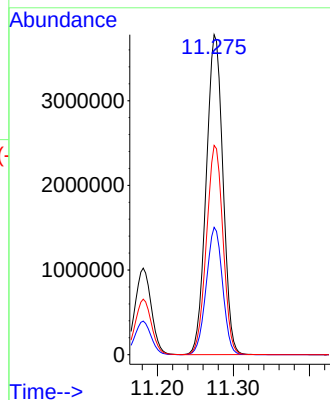
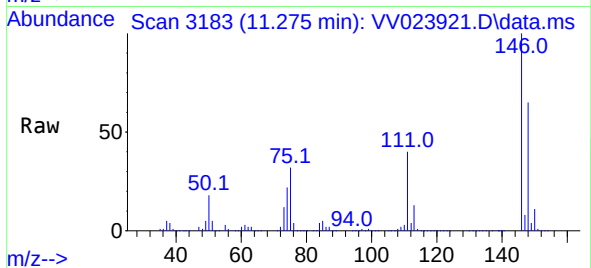




#65
1,4-Dichlorobenzene
Concen: 258.949 ug/L
RT: 11.275 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV023921.D
Acq: 11 Dec 2021 05:25

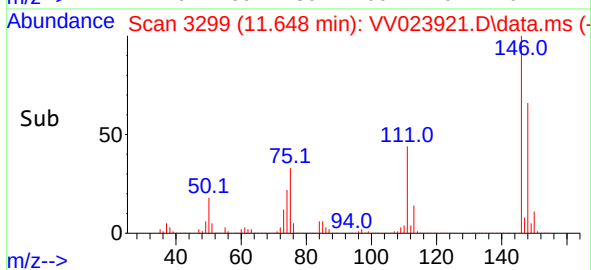
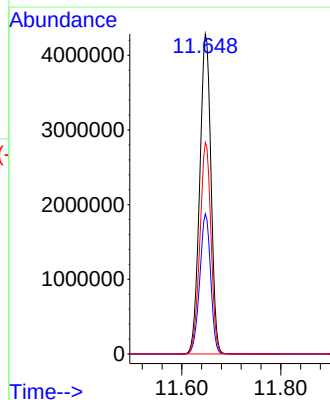
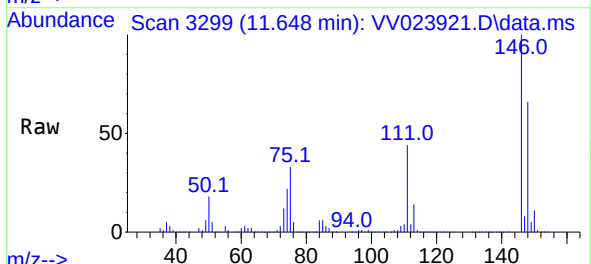
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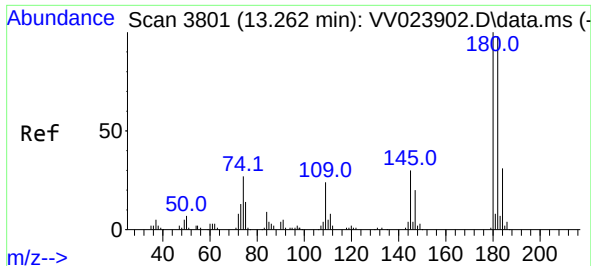
Tgt Ion:146 Resp: 5771203
Ion Ratio Lower Upper
146 100
111 39.8 25.6 47.6
148 65.4 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 333.353 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.006 min
Lab File: VV023921.D
Acq: 11 Dec 2021 05:25

Tgt Ion:146 Resp: 6776973
Ion Ratio Lower Upper
146 100
111 43.8 31.9 47.9
148 66.1 50.5 75.7

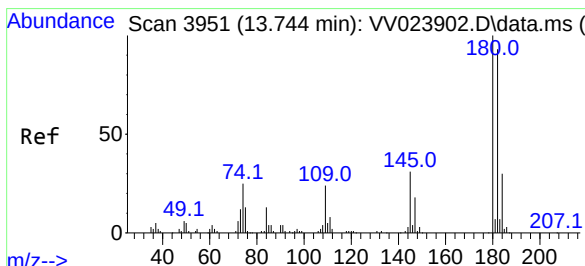
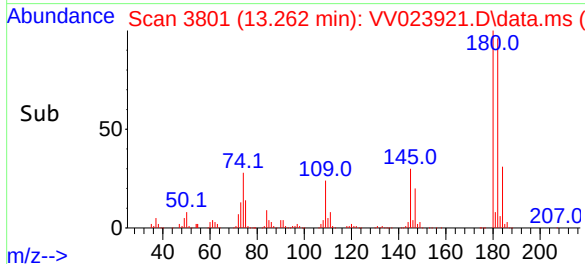
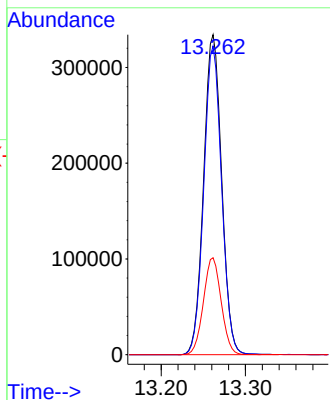
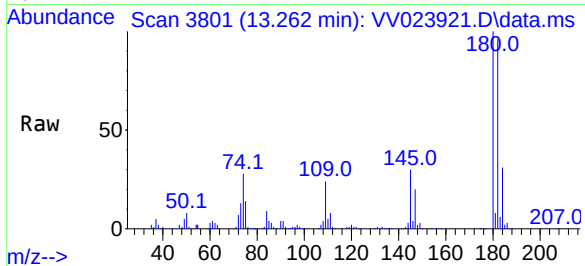




#70
1,2,4-trichlorobenzene
Concen: 34.738 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023921.D
Acq: 11 Dec 2021 05:25

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Tgt Ion:180 Resp: 497960
Ion Ratio Lower Upper
180 100
182 95.3 74.4 111.6
145 29.9 23.3 34.9



#72
1,2,3-Trichlorobenzene
Concen: 20.571 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023921.D
Acq: 11 Dec 2021 05:25

Tgt Ion:180 Resp: 260334
Ion Ratio Lower Upper
180 100
182 96.5 76.8 115.2
145 31.5 25.8 38.6

