

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121222\
 Data File : VW029618.D
 Acq On : 13 Dec 2022 00:27
 Operator : SY/MD
 Sample : N5928--04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ72

Quant Time: Dec 13 05:25:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 04:57:44 2022
 Response via : Initial Calibration

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

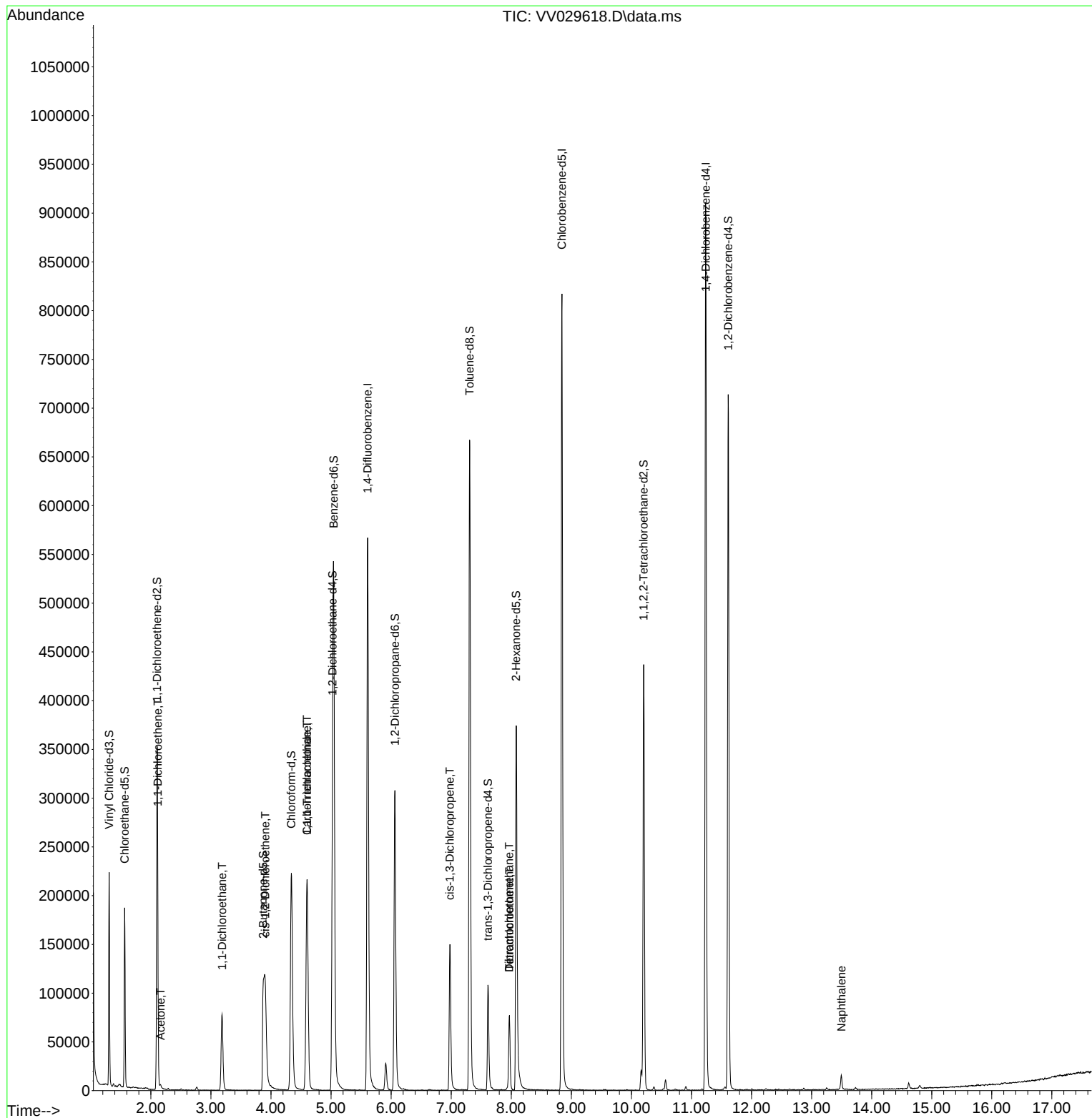
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	523127	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	478947	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	251198	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	139786	43.637	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.280%		
7) Chloroethane-d5	1.565	69	114454	46.856	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.720%		
11) 1,1-Dichloroethene-d2	2.105	63	179373	35.900	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.800%		
21) 2-Butanone-d5	3.870	46	170746	87.375	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.380%		
24) Chloroform-d	4.339	84	238736	39.603	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.200%		
26) 1,2-Dichloroethane-d4	5.024	65	145234	42.183	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.360%		
32) Benzene-d6	5.044	84	529517	41.841	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.680%		
36) 1,2-Dichloropropane-d6	6.063	67	159332	41.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.440%		
41) Toluene-d8	7.307	98	474893	39.826	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.660%#		
43) trans-1,3-Dichloroprop...	7.613	79	65791	33.704	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.400%		
47) 2-Hexanone-d5	8.082	63	143501	86.932	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.930%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	220113	39.847	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.700%		
66) 1,2-Dichlorobenzene-d4	11.612	152	191786	40.107	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.220%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	7141	2.554	ug/L #	1
13) Acetone	2.163	43	3336	2.621	ug/L	99
19) 1,1-Dichloroethane	3.185	63	79224	14.353	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	47744	13.476	ug/L	90
30) 1,1,1-Trichloroethane	4.600	97	182959	35.062	ug/L	99
31) Carbon tetrachloride	4.600	117	24603	5.399	ug/L	98
39) cis-1,3-Dichloropropene	6.979	75	3543	0.661	ug/L #	45
46) Tetrachloroethene	7.969	164	18510	6.806	ug/L	95
49) Dibromochloromethane	7.966	129	16502	4.440	ug/L #	10
71) Naphthalene	13.497	128	13013	1.124	ug/L	97

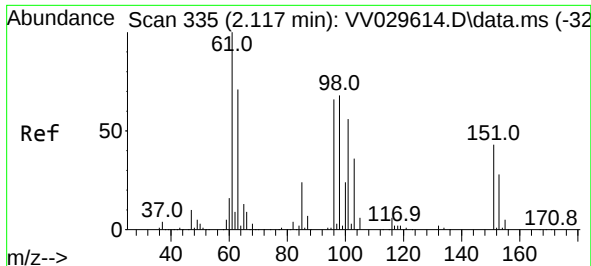
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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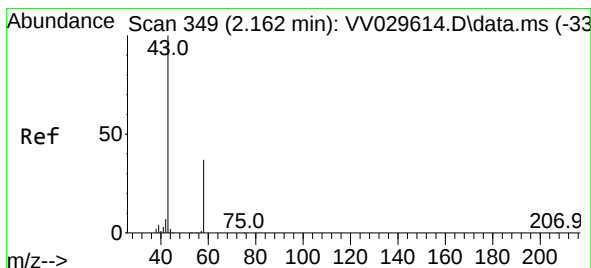
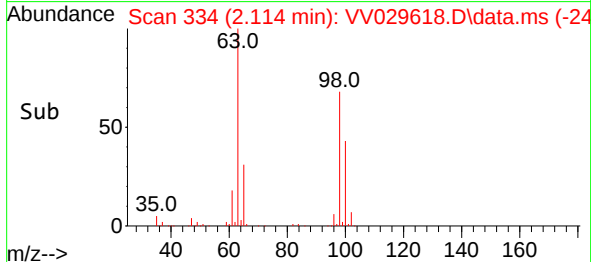
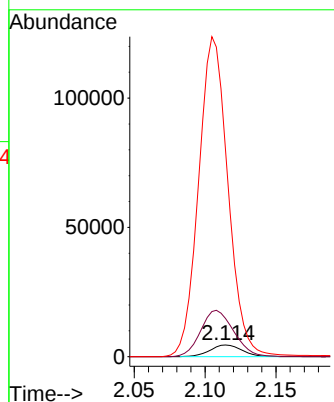
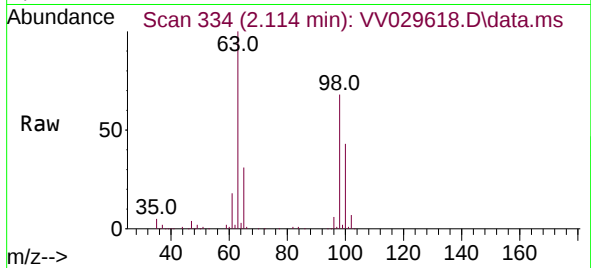




#12
1,1-Dichloroethene
Concen: 2.554 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV029618.D
Acq: 13 Dec 2022 00:27

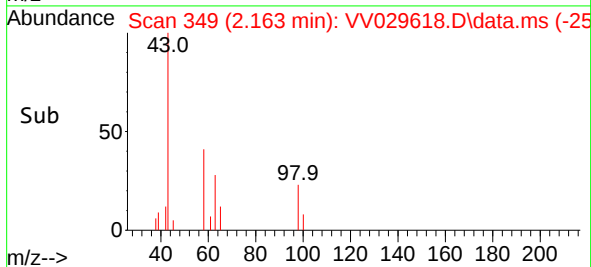
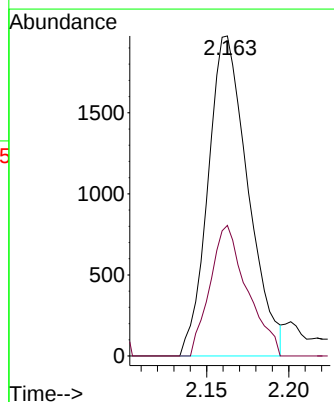
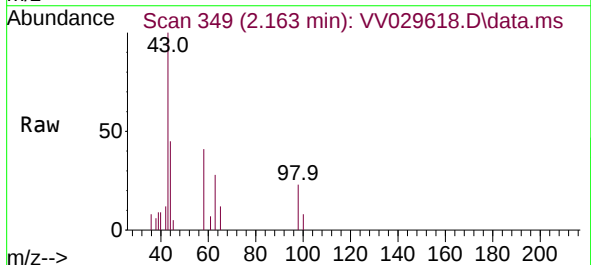
Instrument :
MSVOA_V
ClientSampleId :
EXZ72

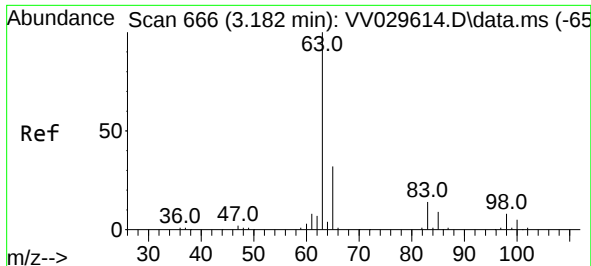
Tgt Ion: 96 Resp: 7141
Ion Ratio Lower Upper
96 100
61 327.1 103.3 191.9#
63 1775.7 77.3 143.7#



#13
Acetone
Concen: 2.621 ug/L
RT: 2.163 min Scan# 349
Delta R.T. 0.000 min
Lab File: VV029618.D
Acq: 13 Dec 2022 00:27

Tgt Ion: 43 Resp: 3336
Ion Ratio Lower Upper
43 100
58 37.9 0.0 74.8





#19

1,1-Dichloroethane

Concen: 14.353 ug/L

RT: 3.185 min Scan# 666

Delta R.T. 0.003 min

Lab File: VV029618.D

Acq: 13 Dec 2022 00:27

Instrument :

MSVOA_V

ClientSampleId :

EXZ72

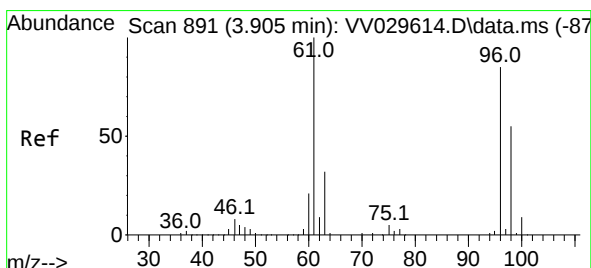
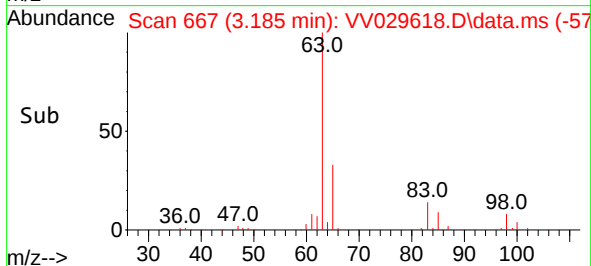
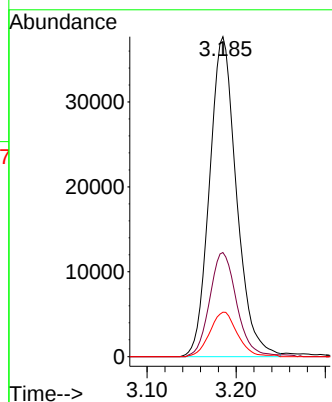
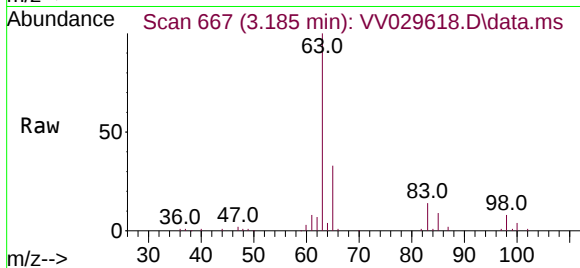
Tgt Ion: 63 Resp: 79224

Ion Ratio Lower Upper

63 100

65 32.5 22.5 41.7

83 13.9 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 13.476 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV029618.D

Acq: 13 Dec 2022 00:27

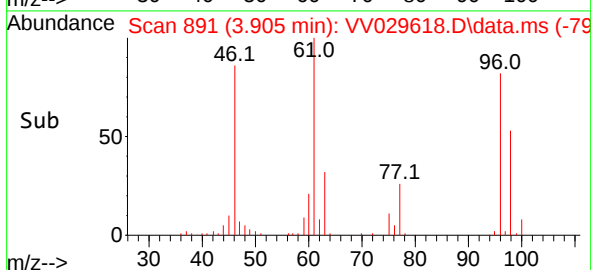
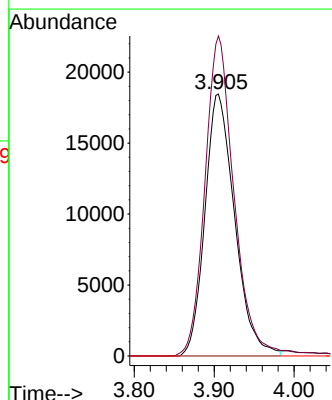
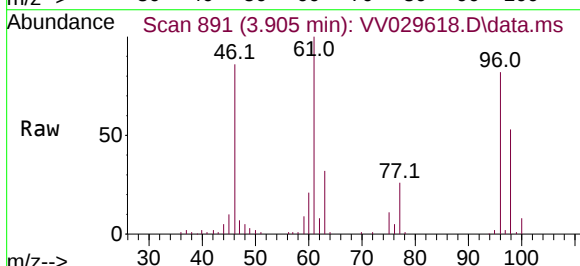
Tgt Ion: 96 Resp: 47744

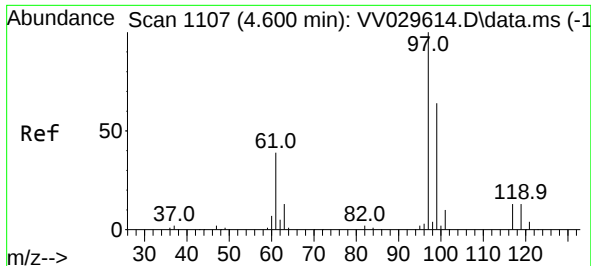
Ion Ratio Lower Upper

96 100

61 122.2 78.0 144.9

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 35.062 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV029618.D

Acq: 13 Dec 2022 00:27

Instrument :

MSVOA_V

ClientSampleId :

EXZ72

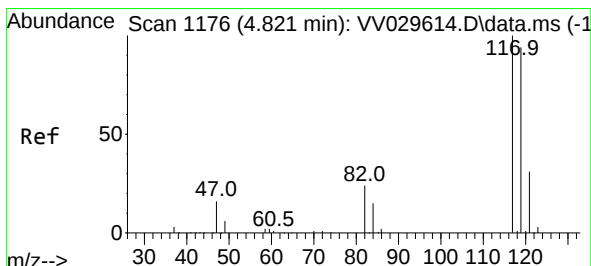
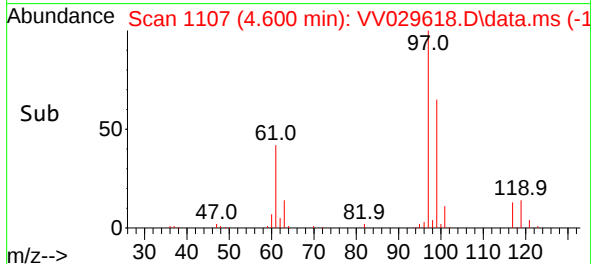
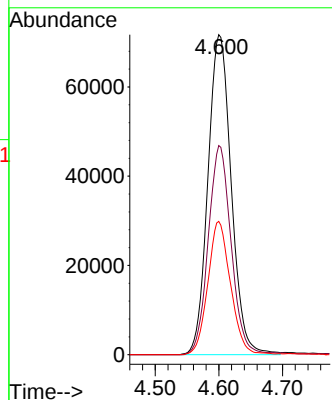
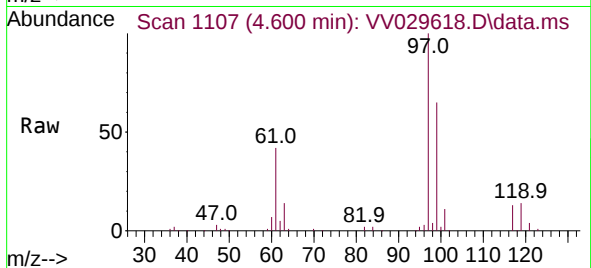
Tgt Ion: 97 Resp: 182959

Ion Ratio Lower Upper

97 100

99 63.9 52.1 78.1

61 40.4 31.8 47.8



#31

Carbon tetrachloride

Concen: 5.399 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.222 min

Lab File: VV029618.D

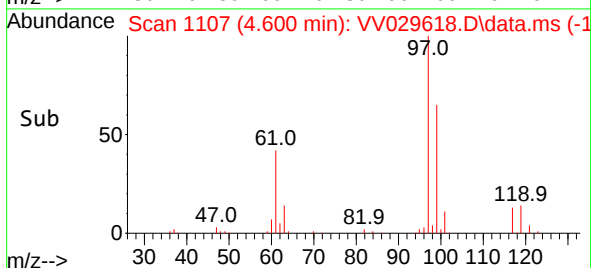
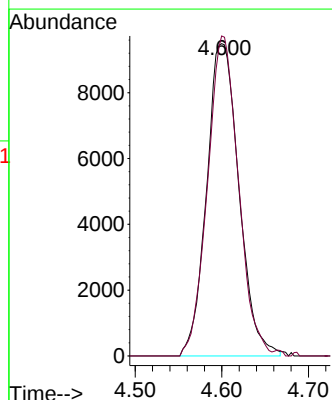
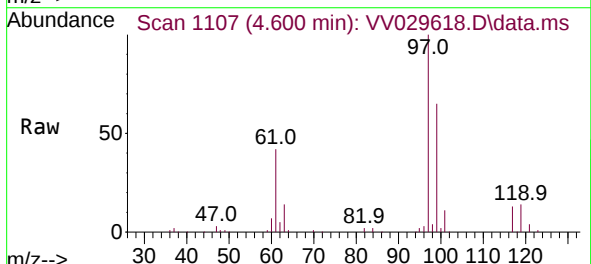
Acq: 13 Dec 2022 00:27

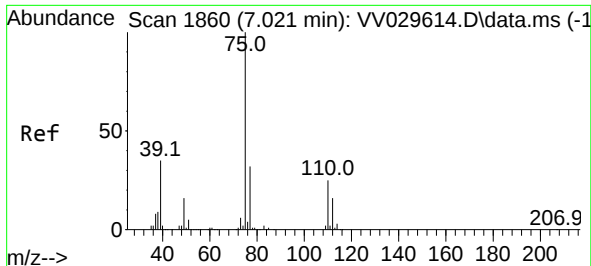
Tgt Ion: 117 Resp: 24603

Ion Ratio Lower Upper

117 100

119 97.8 76.7 115.1

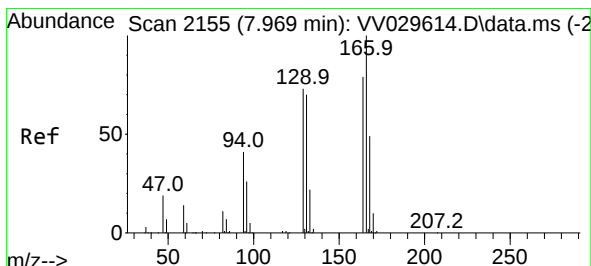
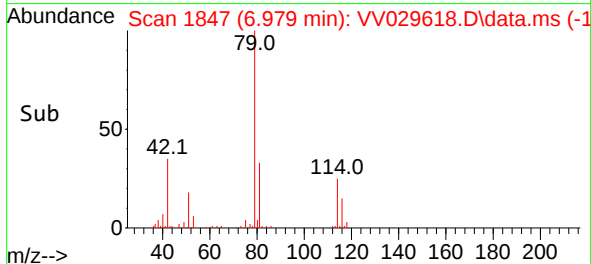
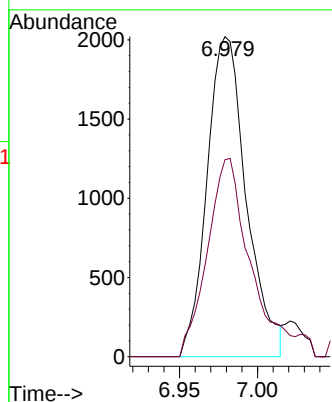
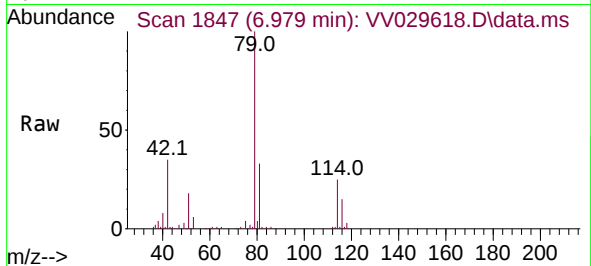




#39
cis-1,3-Dichloropropene
Concen: 0.661 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. -0.042 min
Lab File: VV029618.D
Acq: 13 Dec 2022 00:27

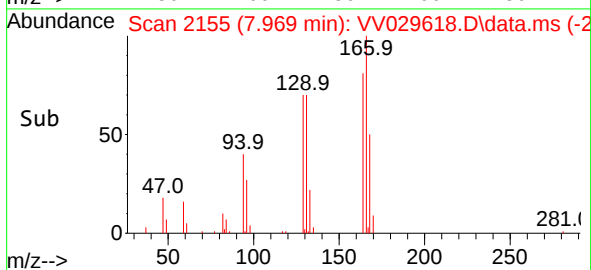
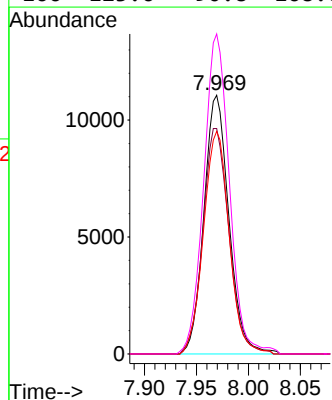
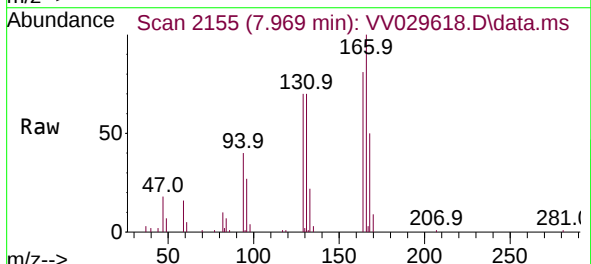
Instrument :
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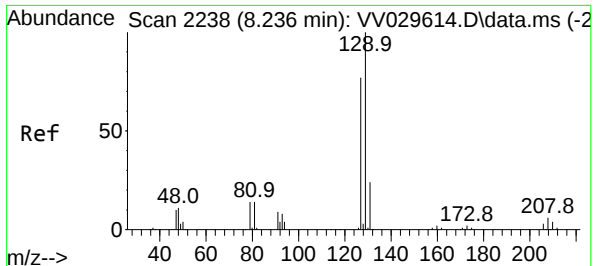
Tgt Ion: 75 Resp: 3543
Ion Ratio Lower Upper
75 100
77 61.5 21.9 40.7#



#46
Tetrachloroethene
Concen: 6.806 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV029618.D
Acq: 13 Dec 2022 00:27

Tgt Ion:164 Resp: 18510
Ion Ratio Lower Upper
164 100
129 87.1 65.3 121.3
131 86.0 63.1 117.1
166 123.6 90.8 168.6





#49

Dibromochloromethane

Concen: 4.440 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.270 min

Lab File: VV029618.D

Acq: 13 Dec 2022 00:27

Instrument :

MSVOA_V

ClientSampleId :

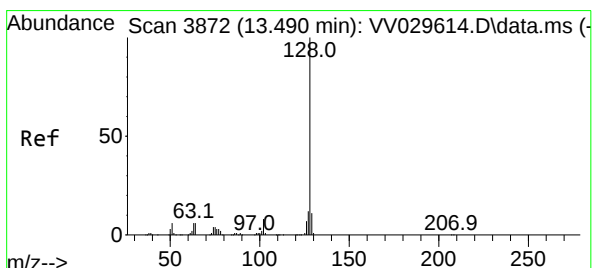
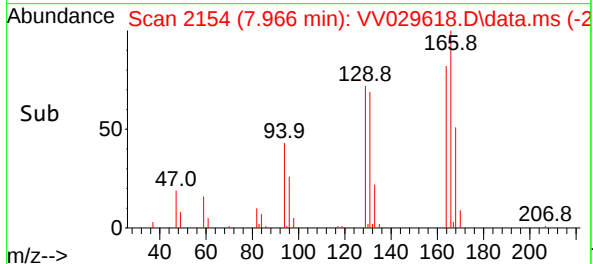
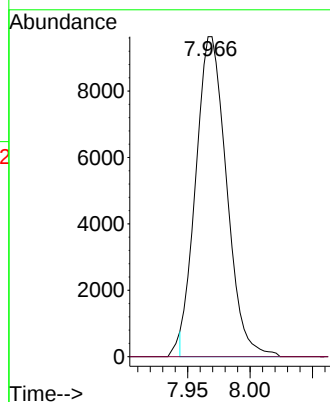
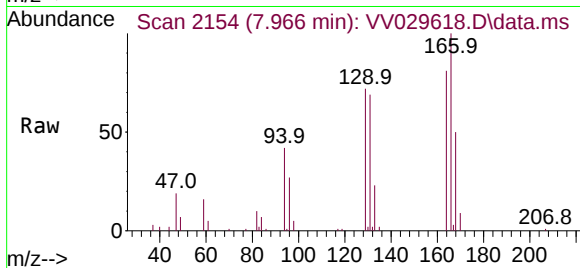
EXZ72

Tgt Ion:129 Resp: 16502

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.4#



#71

Naphthalene

Concen: 1.124 ug/L

RT: 13.497 min Scan# 3874

Delta R.T. 0.007 min

Lab File: VV029618.D

Acq: 13 Dec 2022 00:27

Tgt Ion:128 Resp: 13013

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 12.6 8.5 12.7

