

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040422\
 Data File : VW022387.D
 Acq On : 04 Apr 2022 15:28
 Operator : SY/VA
 Sample : N2255-07RE
 Misc : 7.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGQD6RE

Quant Time: Apr 05 01:56:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 05 01:44:25 2022
 Response via : Initial Calibration

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

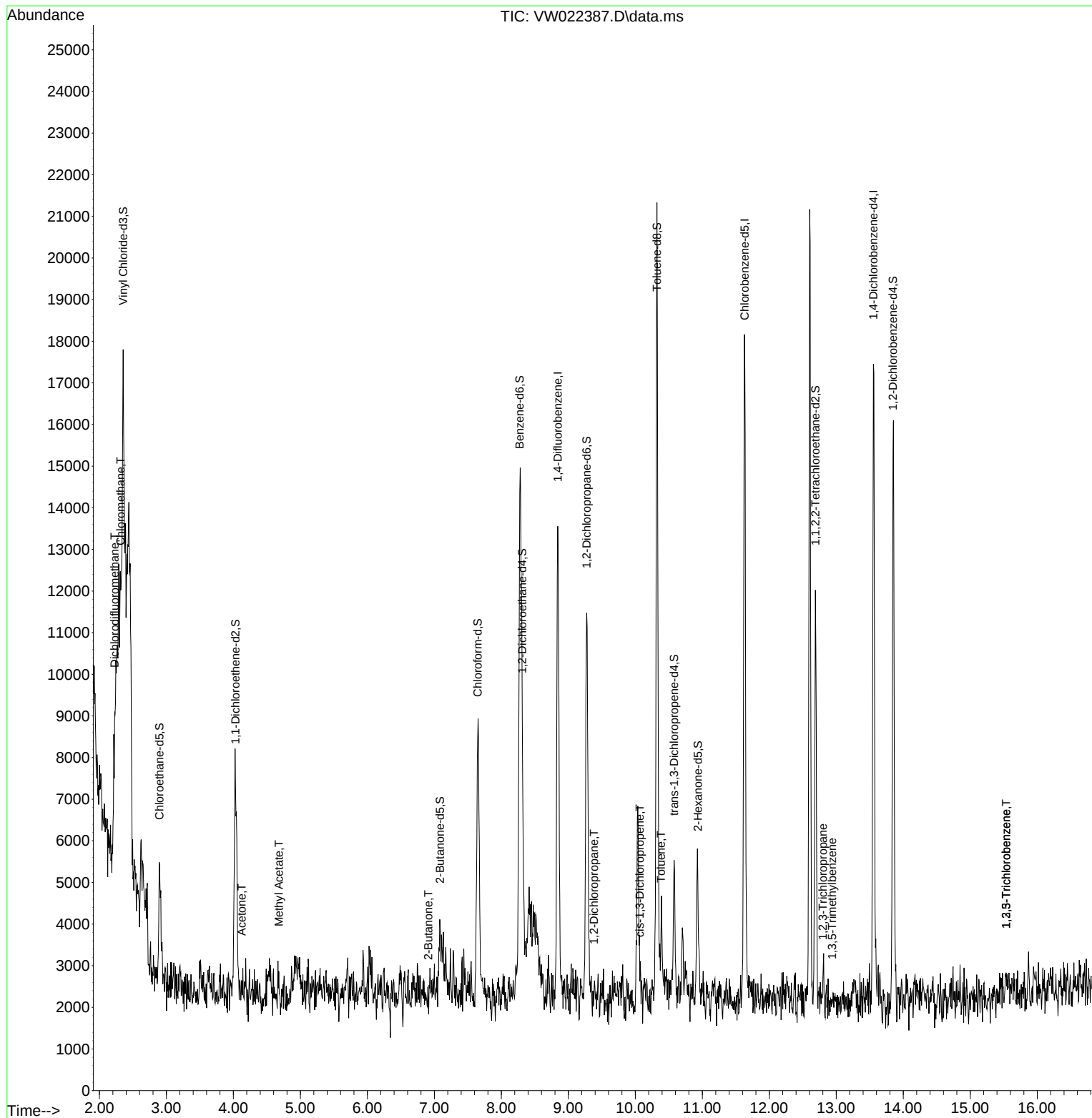
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	8841	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	8367	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	3610	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	4367	30.139	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 120.560%		
7) Chloroethane-d5	2.898	69	2366	27.352	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 109.400%		
11) 1,1-Dichloroethene-d2	4.032	63	4819	22.415	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 89.680%		
21) 2-Butanone-d5	7.086	46	2677	75.611	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 151.220%#		
24) Chloroform-d	7.647	84	6118	24.818	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 99.280%		
26) 1,2-Dichloroethane-d4	8.311	65	4326	29.678	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 118.720%		
32) Benzene-d6	8.275	84	11831	25.750	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 103.000%		
36) 1,2-Dichloropropane-d6	9.275	67	4116	29.839	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 119.360%		
41) Toluene-d8	10.323	98	11564	26.455	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 105.800%		
43) trans-1,3-Dichloroprop...	10.579	79	1531	22.072	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 88.280%		
47) 2-Hexanone-d5	10.933	63	1188	42.044	ug/L	0.01
Spiked Amount	50.000	Range 20 - 135	Recovery	= 84.080%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	4036	34.683	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 138.720%#		
66) 1,2-Dichlorobenzene-d4	13.847	152	3191	27.382	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 109.520%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.227	85	55	1.182	ug/L	# 15
3) Chloromethane	2.319	50	194	1.805	ug/L	96
13) Acetone	4.123	43	340	14.024	ug/L	93
15) Methyl Acetate	4.678	43	76	1.202	ug/L	# 46
22) 2-Butanone	6.909	43	83	2.170	ug/L	75
37) 1,2-Dichloropropane	9.384	63	76	0.571	ug/L	# 85
39) cis-1,3-Dichloropropene	10.067	75	121	0.556	ug/L	# 30
42) Toluene	10.384	91	1082	1.811	ug/L	94
61) 1,2,3-Trichloropropane	12.798	75	73	0.930	ug/L	# 35
62) 1,3,5-Trimethylbenzene	12.939	105	106	0.351	ug/L	93
69) 1,3,5-Trichlorobenzene	15.536	180	95	0.653	ug/L	# 22
72) 1,2,3-Trichlorobenzene	15.536	180	95	0.909	ug/L	# 11

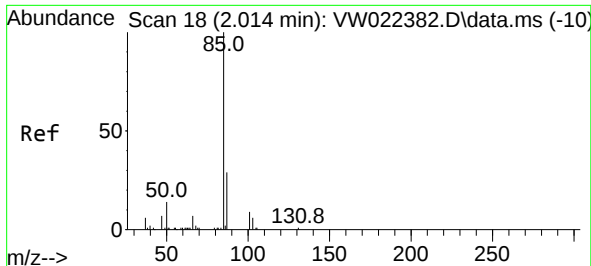
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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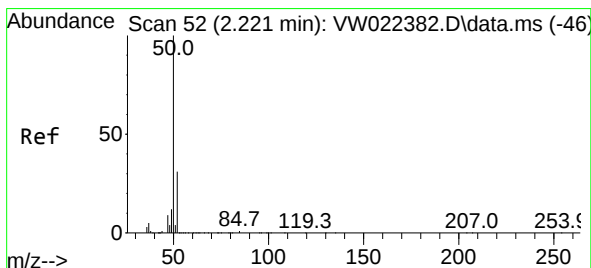
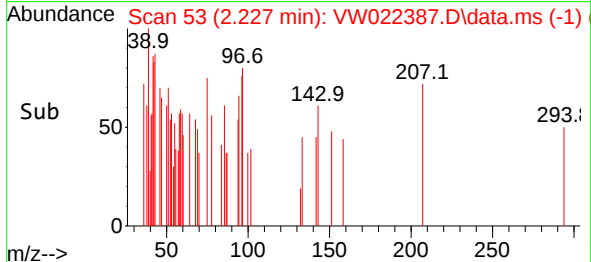
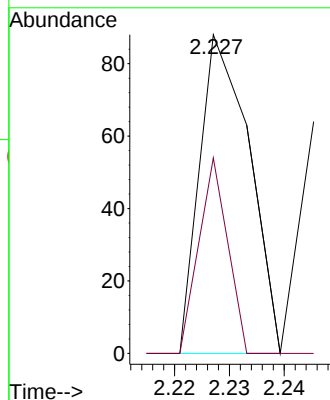
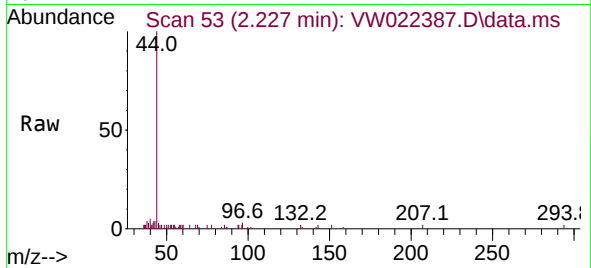




#2
Dichlorodifluoromethane
Concen: 1.182 ug/L
RT: 2.227 min Scan# 51
Delta R.T. 0.213 min
Lab File: VW022387.D
Acq: 04 Apr 2022 15:28

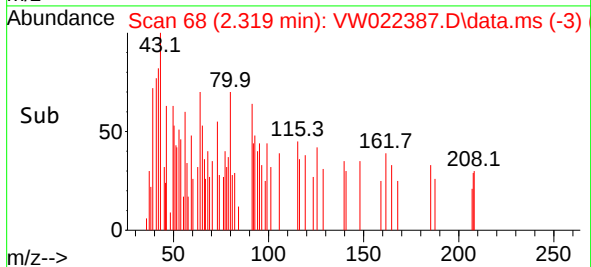
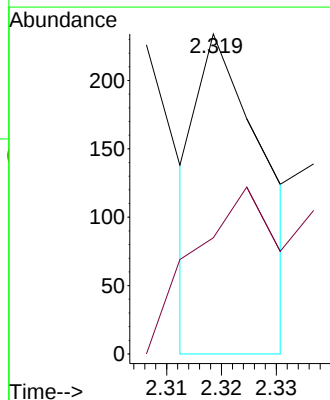
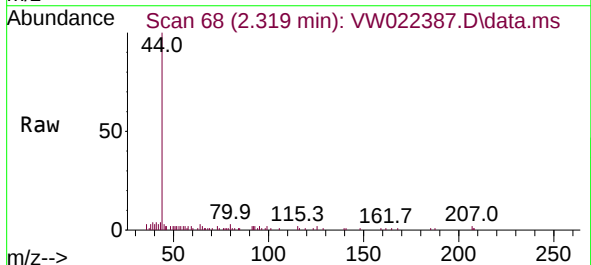
Instrument :
MSVOA_W
ClientSampleId :
BGQD6RE

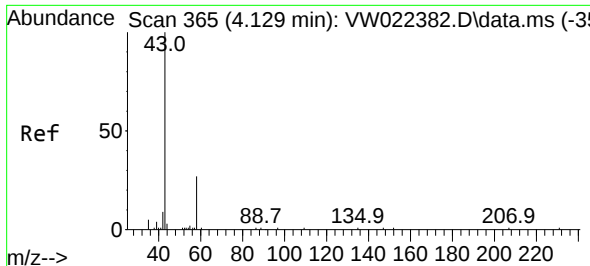
Tgt Ion: 85 Resp: 55
Ion Ratio Lower Upper
85 100
87 83.6 27.6 41.4#



#3
Chloromethane
Concen: 1.805 ug/L
RT: 2.319 min Scan# 68
Delta R.T. 0.098 min
Lab File: VW022387.D
Acq: 04 Apr 2022 15:28

Tgt Ion: 50 Resp: 194
Ion Ratio Lower Upper
50 100
52 36.3 23.9 44.5





#13

Acetone

Concen: 14.024 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW022387.D

Acq: 04 Apr 2022 15:28

Instrument :

MSVOA_W

ClientSampleId :

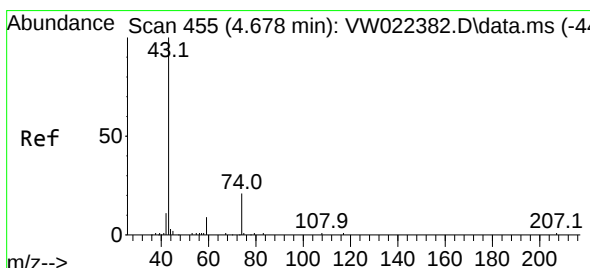
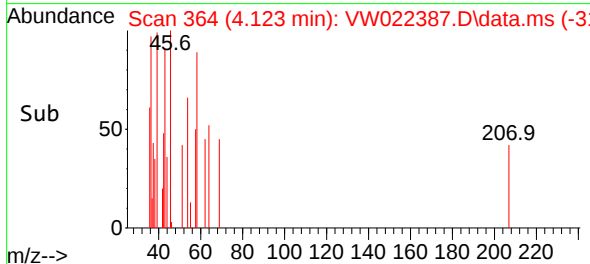
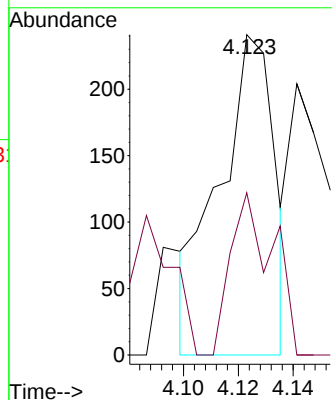
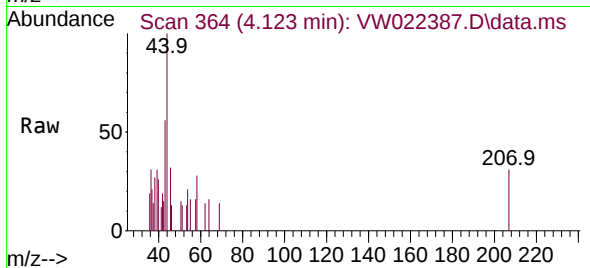
BGQD6RE

Tgt Ion: 43 Resp: 340

Ion Ratio Lower Upper

43 100

58 38.5 0.0 69.2



#15

Methyl Acetate

Concen: 1.202 ug/L

RT: 4.678 min Scan# 455

Delta R.T. 0.000 min

Lab File: VW022387.D

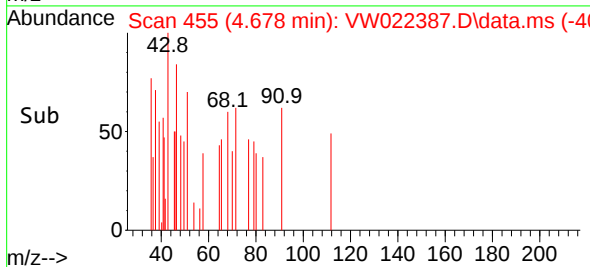
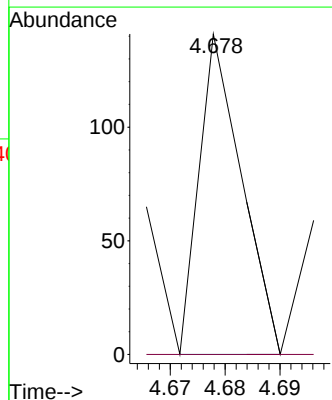
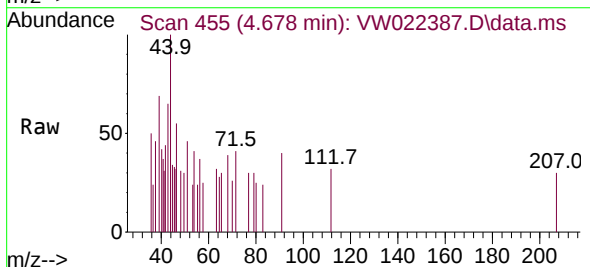
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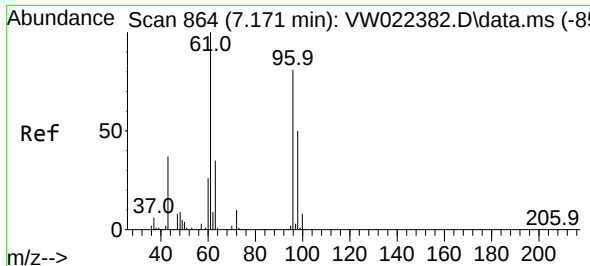
Tgt Ion: 43 Resp: 76

Ion Ratio Lower Upper

43 100

74 0.0 23.0 34.6#





#22

2-Butanone

Concen: 2.170 ug/L

RT: 6.909 min Scan# 81

Delta R.T. -0.262 min

Lab File: VW022387.D

Acq: 04 Apr 2022 15:28

Instrument :

MSVOA_W

ClientSampleId :

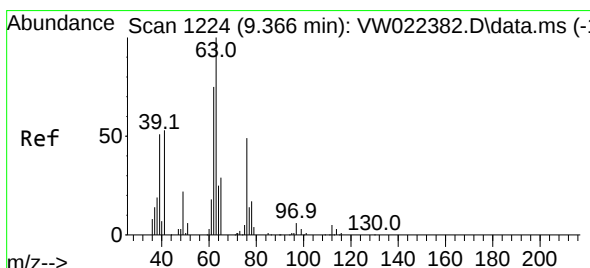
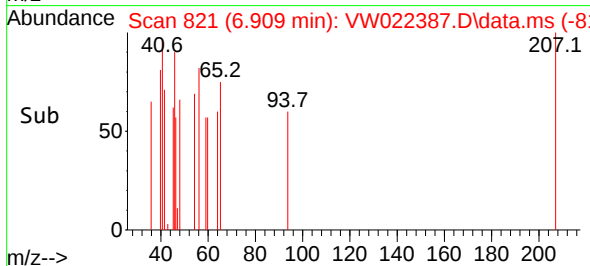
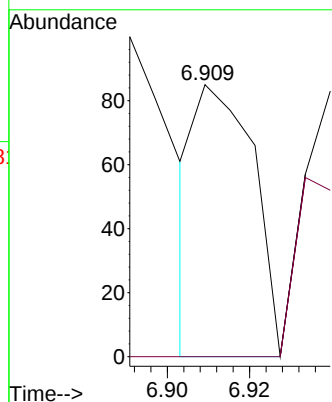
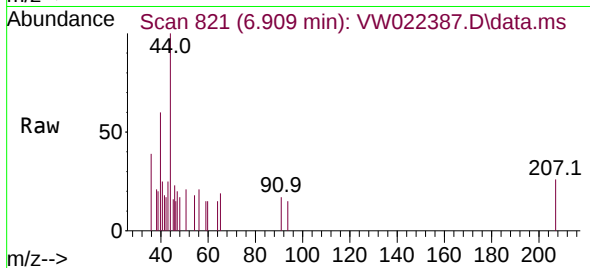
BGQD6RE

Tgt Ion: 43 Resp: 83

Ion Ratio Lower Upper

43 100

72 48.2 17.0 51.0



#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 9.384 min Scan# 1227

Delta R.T. 0.018 min

Lab File: VW022387.D

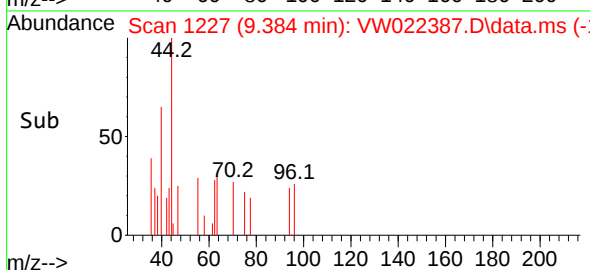
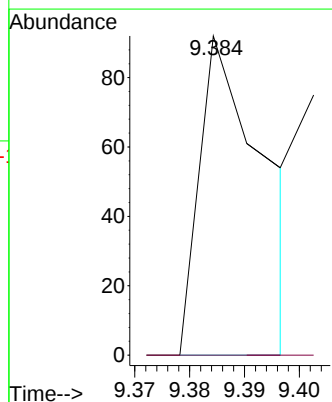
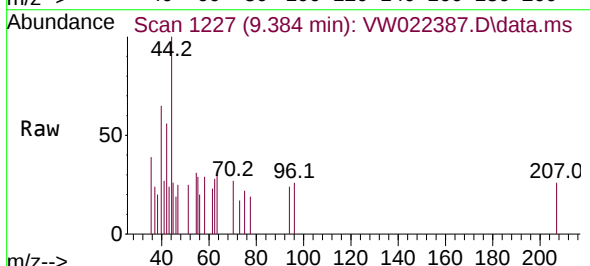
Acq: 04 Apr 2022 15:28

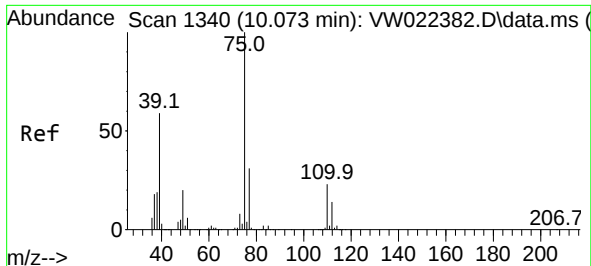
Tgt Ion: 63 Resp: 76

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#

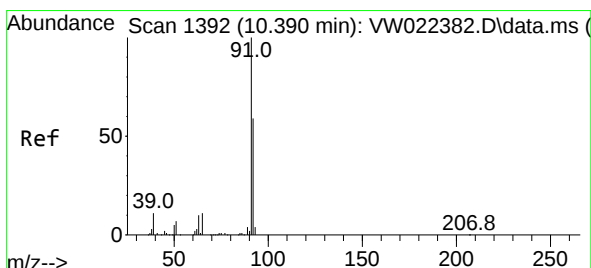
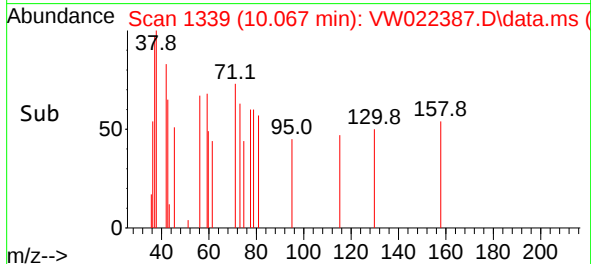
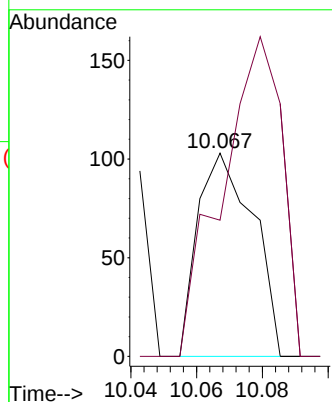
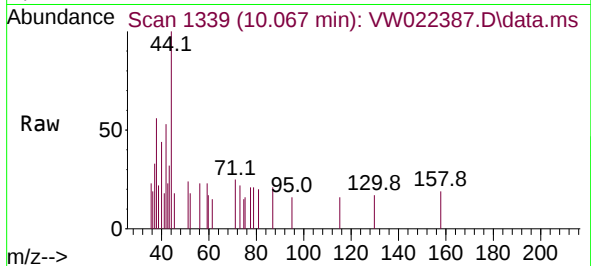




#39
cis-1,3-Dichloropropene
Concen: 0.556 ug/L
RT: 10.067 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022387.D
Acq: 04 Apr 2022 15:28

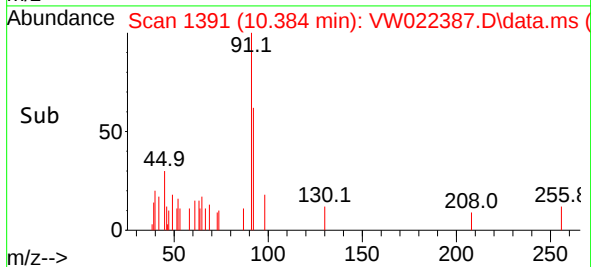
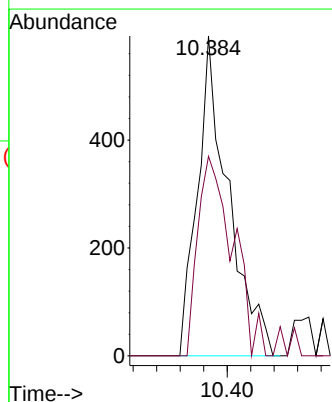
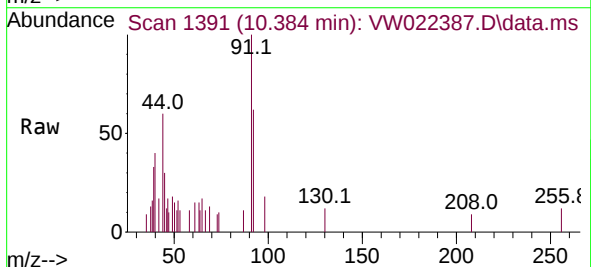
Instrument :
MSVOA_W
ClientSampleId :
BGQD6RE

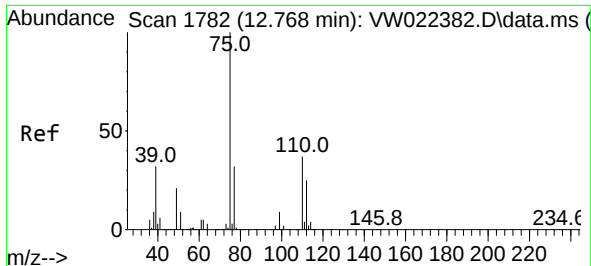
Tgt Ion: 75 Resp: 121
Ion Ratio Lower Upper
75 100
77 67.0 20.6 38.2#



#42
Toluene
Concen: 1.811 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW022387.D
Acq: 04 Apr 2022 15:28

Tgt Ion: 91 Resp: 1082
Ion Ratio Lower Upper
91 100
92 62.4 40.4 75.0





#61

1,2,3-Trichloropropane

Concen: 0.930 ug/L

RT: 12.798 min Scan# 11

Delta R.T. 0.031 min

Lab File: VW022387.D

Acq: 04 Apr 2022 15:28

Instrument :

MSVOA_W

ClientSampleId :

BGQD6RE

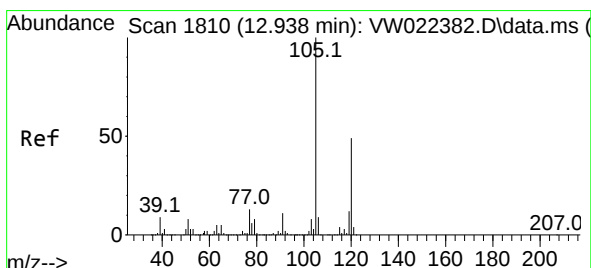
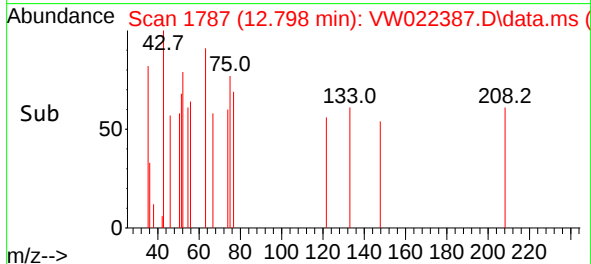
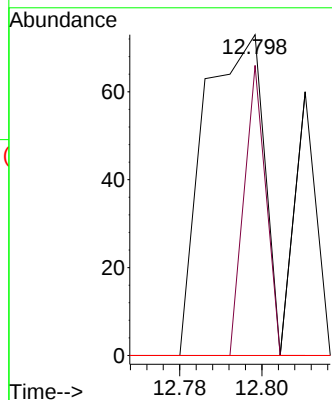
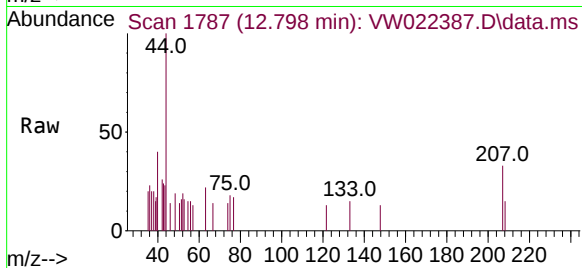
Tgt Ion: 75 Resp: 73

Ion Ratio Lower Upper

75 100

77 0.0 27.1 40.7#

110 0.0 36.7 55.1#



#62

1,3,5-Trimethylbenzene

Concen: 0.351 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022387.D

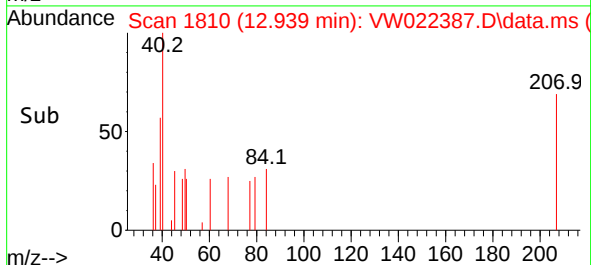
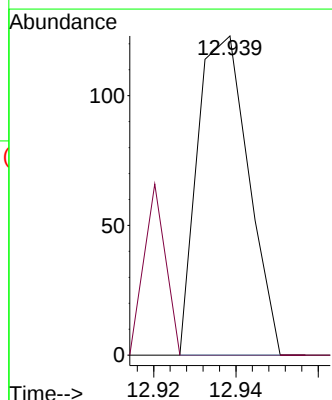
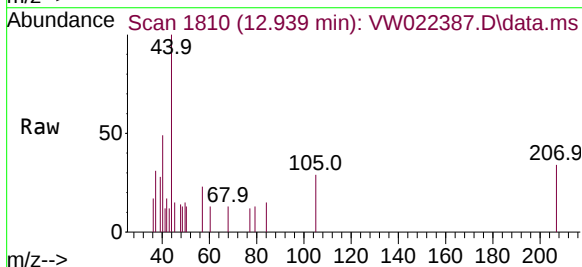
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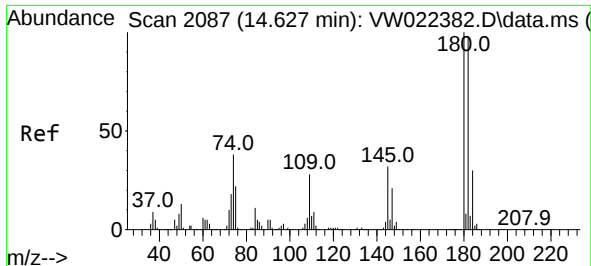
Tgt Ion: 105 Resp: 106

Ion Ratio Lower Upper

105 100

120 47.2 41.5 62.3





#69

1,3,5-Trichlorobenzene

Concen: 0.653 ug/L

RT: 15.536 min Scan# 21

Delta R.T. 0.908 min

Lab File: VW022387.D

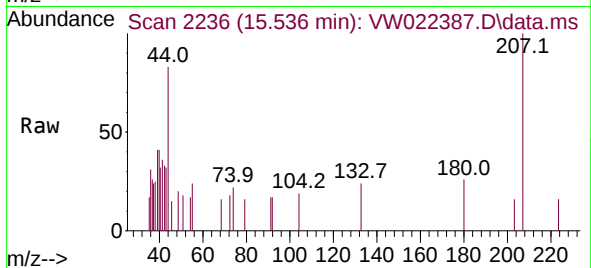
Acq: 04 Apr 2022 15:28

Instrument :

MSVOA_W

ClientSampleId :

BGQD6RE



Tgt Ion:180 Resp: 95

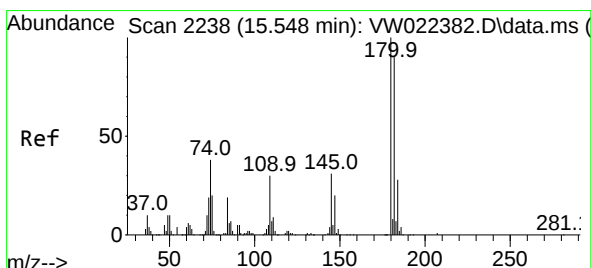
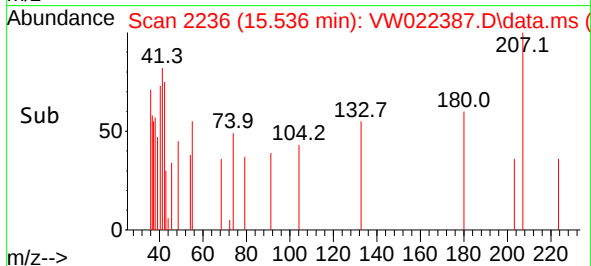
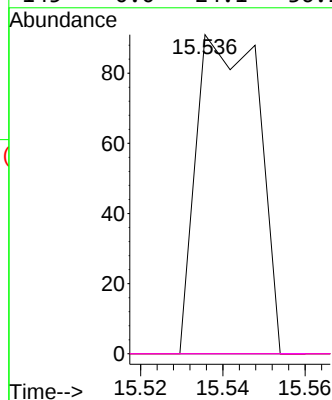
Ion Ratio Lower Upper

180 100

182 0.0 69.4 104.0#

184 0.0 21.8 32.8#

145 0.0 24.1 36.1#



#72

1,2,3-Trichlorobenzene

Concen: 0.909 ug/L

RT: 15.536 min Scan# 2236

Delta R.T. -0.012 min

Lab File: VW022387.D

Acq: 04 Apr 2022 15:28

Tgt Ion:180 Resp: 95

Ion Ratio Lower Upper

180 100

182 0.0 79.0 118.4#

145 0.0 28.0 42.0#

