

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021313.D
 Acq On : 11 Dec 2021 04:25
 Operator : SY/VA
 Sample : M5023-20
 Misc : 6.21g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKZ8

Quant Time: Dec 11 05:14:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

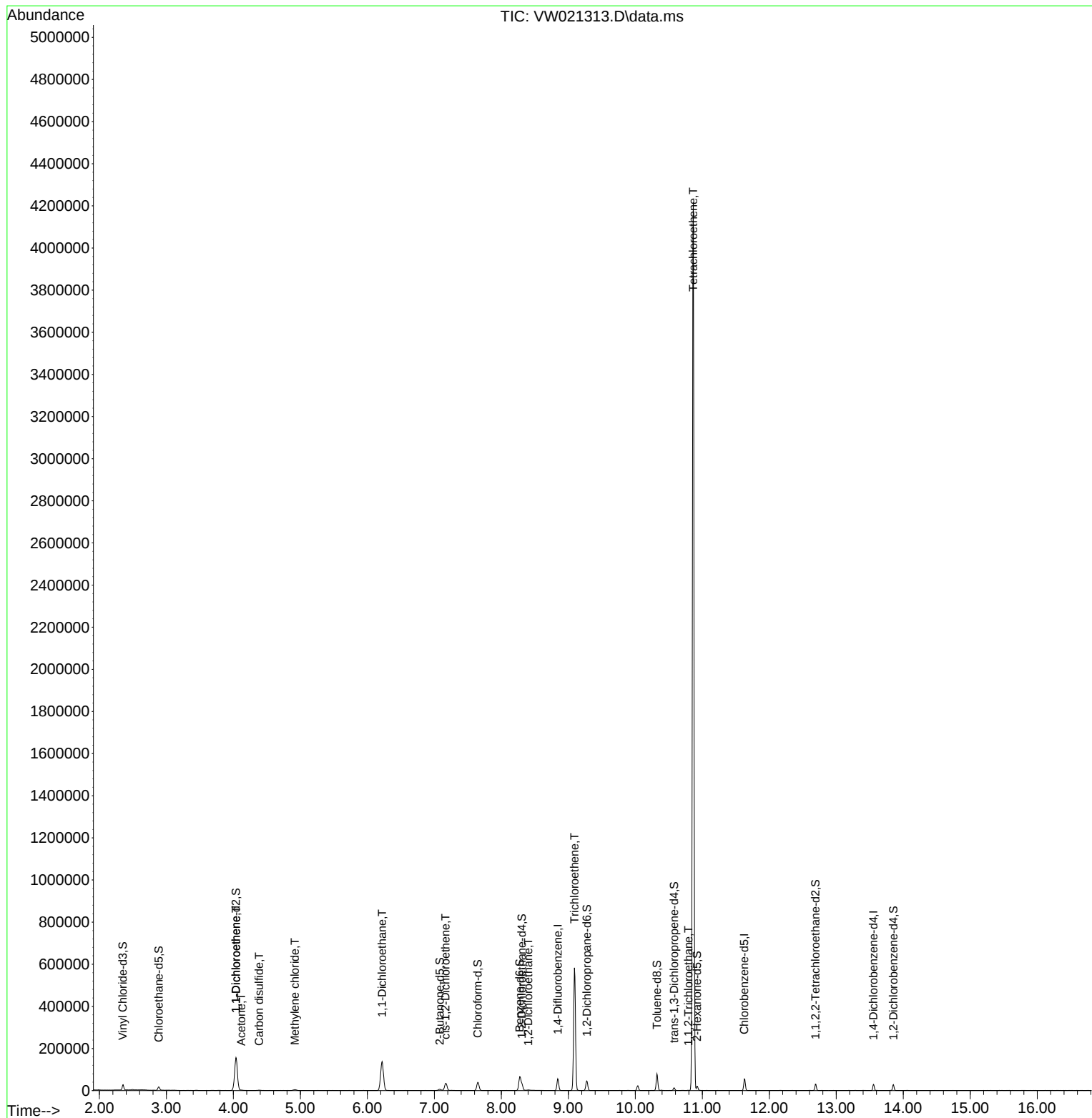
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	46444	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	31095	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	7806	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	22976	27.163	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.640%	
7) Chloroethane-d5	2.885	69	17734	31.714	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 126.840%	
11) 1,1-Dichloroethene-d2	4.038	63	63629	56.424	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	= 225.680%#	
21) 2-Butanone-d5	7.080	46	10235	85.840	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 171.680%#	
24) Chloroform-d	7.647	84	39219	30.302	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 121.200%	
26) 1,2-Dichloroethane-d4	8.305	65	20940	30.415	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 121.680%	
32) Benzene-d6	8.275	84	66621	39.087	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 156.360%#	
36) 1,2-Dichloropropane-d6	9.274	67	19667	43.025	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 172.120%#	
41) Toluene-d8	10.323	98	51297	29.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 117.840%	
43) trans-1,3-Dichloroprop...	10.579	79	6629	31.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 126.000%	
47) 2-Hexanone-d5	10.921	63	6672	98.708	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 197.420%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	14516	36.941	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 147.760%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	7607	25.145	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 100.560%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	4.038	96	82361	143.064	ug/L	# 63
13) Acetone	4.117	43	2294	21.461	ug/L	84
14) Carbon disulfide	4.385	76	3391	2.281	ug/L	97
16) Methylene chloride	4.916	84	3166	4.126	ug/L	81
19) 1,1-Dichloroethane	6.220	63	187902	192.102	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	21401	32.551	ug/L	70
27) 1,2-Dichloroethane	8.403	62	1015	1.412	ug/L	# 86
34) Trichloroethene	9.092	95	187183	393.651	ug/L	91
45) 1,1,2-Trichloroethane	10.793	97	361	1.167	ug/L	# 81
46) Tetrachloroethene	10.866	164	905285	2004.124	ug/L	94

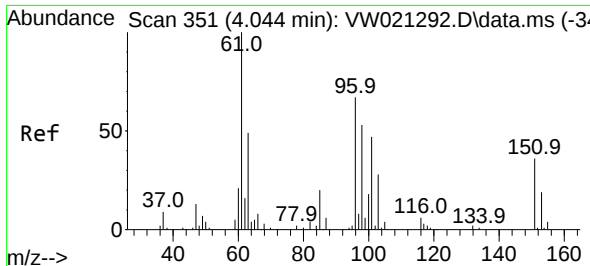
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 10 23:12:45 2021
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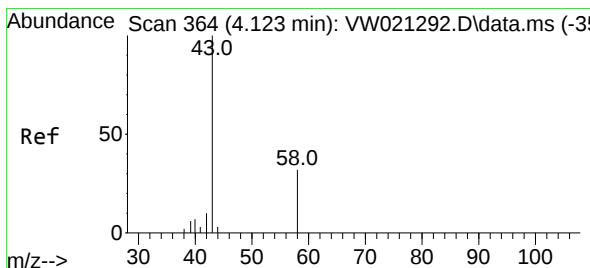
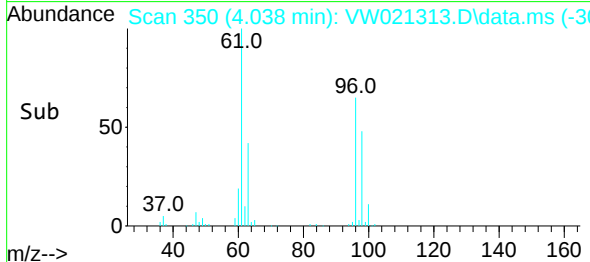
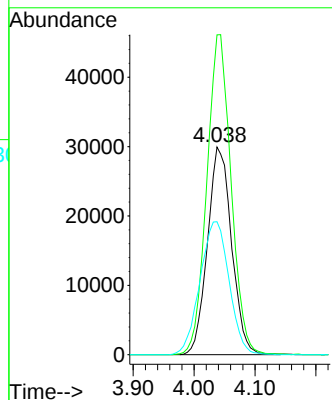
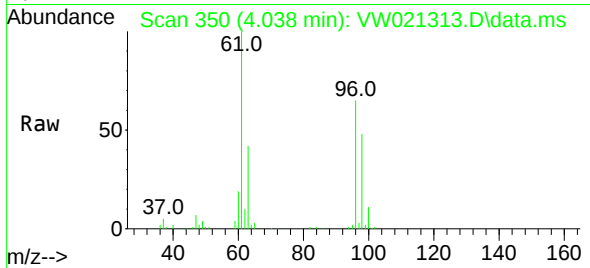




#12
1,1-Dichloroethene
Concen: 143.064 ug/L
RT: 4.038 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW021313.D
Acq: 11 Dec 2021 04:25

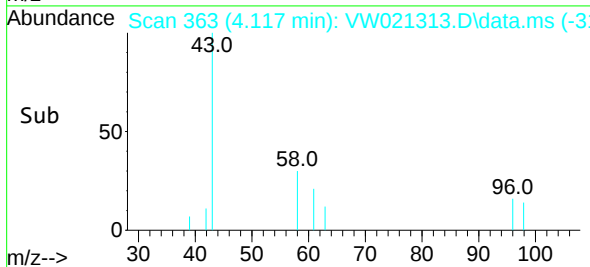
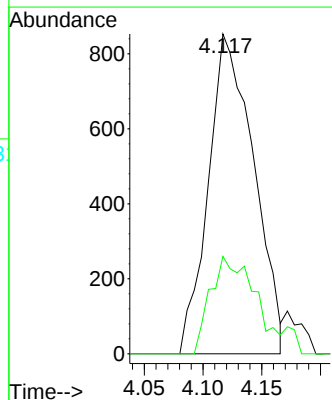
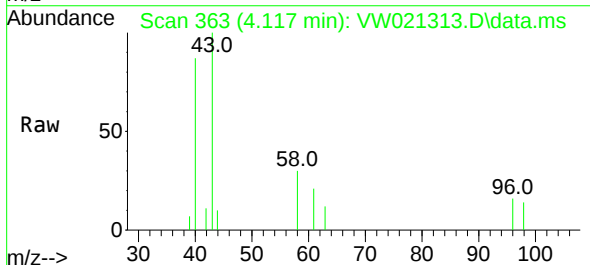
Instrument :
MSVOA_W
ClientSampleId :
BGKZ8

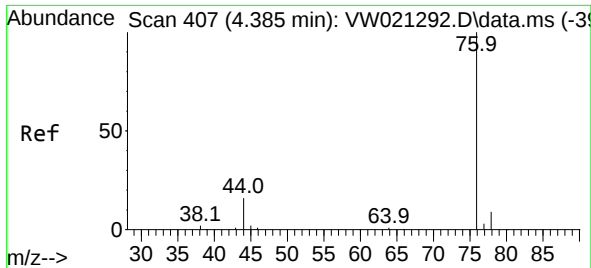
Tgt Ion: 96 Resp: 82361
Ion Ratio Lower Upper
96 100
61 153.9 138.3 256.9
63 64.0 82.6 153.4#



#13
Acetone
Concen: 21.461 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW021313.D
Acq: 11 Dec 2021 04:25

Tgt Ion: 43 Resp: 2294
Ion Ratio Lower Upper
43 100
58 18.0 0.0 52.8

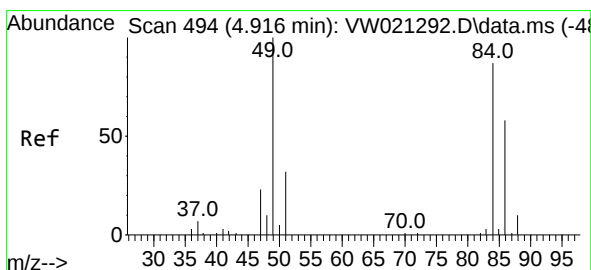
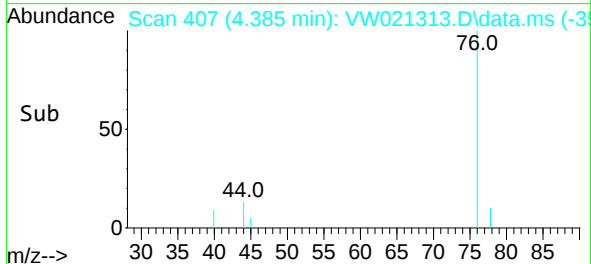
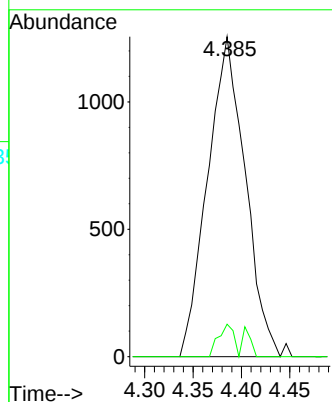
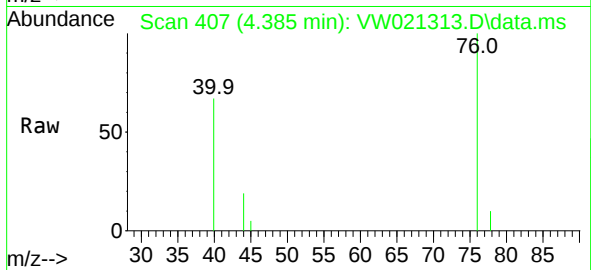




#14
Carbon disulfide
Concen: 2.281 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW021313.D
Acq: 11 Dec 2021 04:25

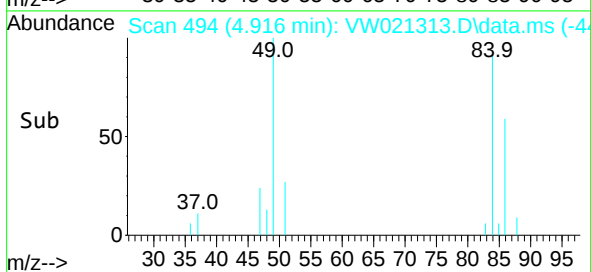
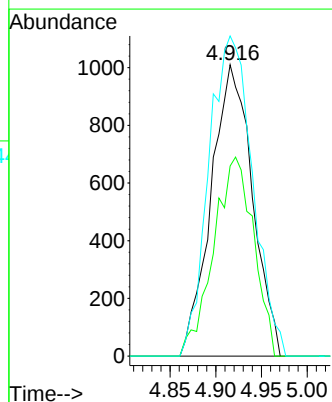
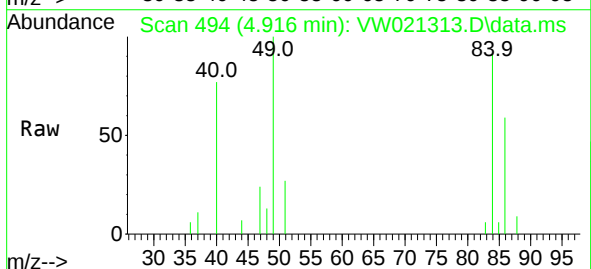
Instrument :
MSVOA_W
ClientSampleId :
BGKZ8

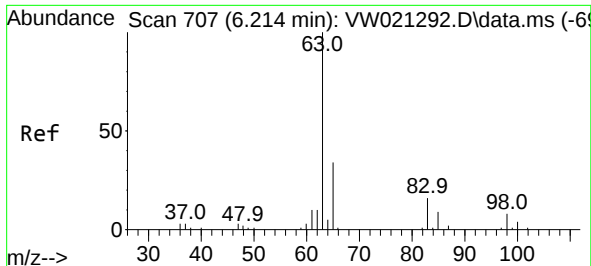
Tgt Ion: 76 Resp: 3391
Ion Ratio Lower Upper
76 100
78 10.1 7.1 10.7



#16
Methylene chloride
Concen: 4.126 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021313.D
Acq: 11 Dec 2021 04:25

Tgt Ion: 84 Resp: 3166
Ion Ratio Lower Upper
84 100
86 65.2 45.5 84.5
49 109.9 100.5 186.7





#19

1,1-Dichloroethane

Concen: 192.102 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW021313.D

Acq: 11 Dec 2021 04:25

Instrument :

MSVOA_W

ClientSampleId :

BGKZ8

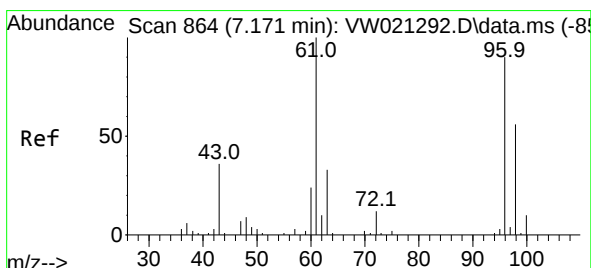
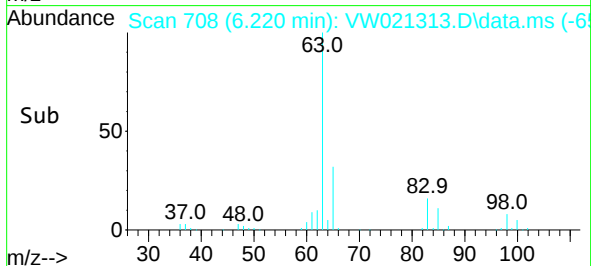
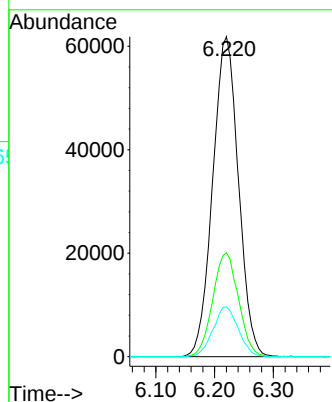
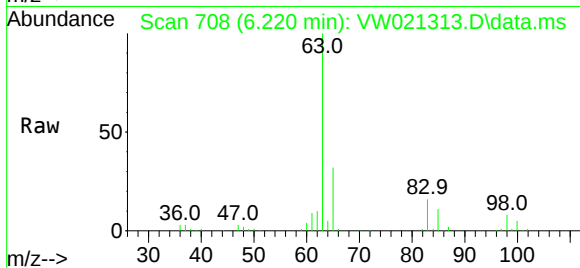
Tgt Ion: 63 Resp: 187902

Ion Ratio Lower Upper

63 100

65 32.5 22.1 41.1

83 15.6 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 32.551 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW021313.D

Acq: 11 Dec 2021 04:25

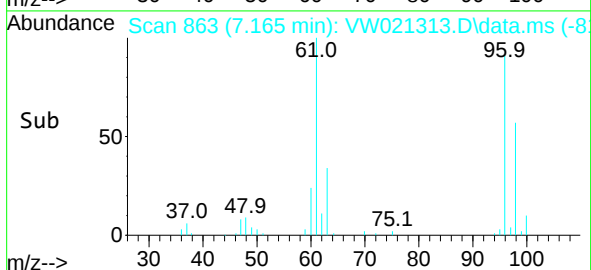
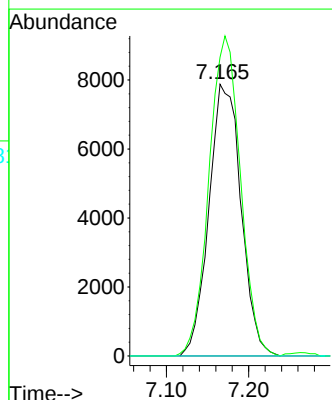
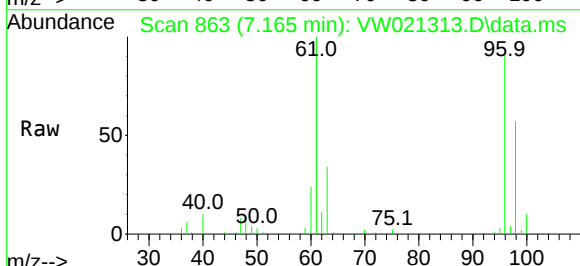
Tgt Ion: 96 Resp: 21401

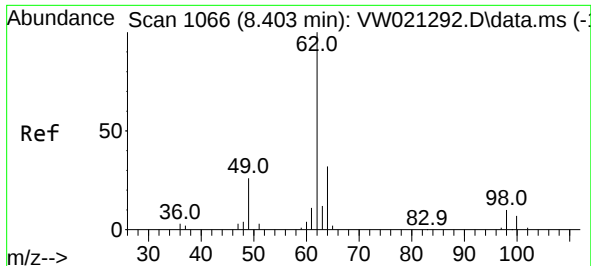
Ion Ratio Lower Upper

96 100

61 109.9 103.7 192.7

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 1.412 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021313.D

Acq: 11 Dec 2021 04:25

Instrument :

MSVOA_W

ClientSampleId :

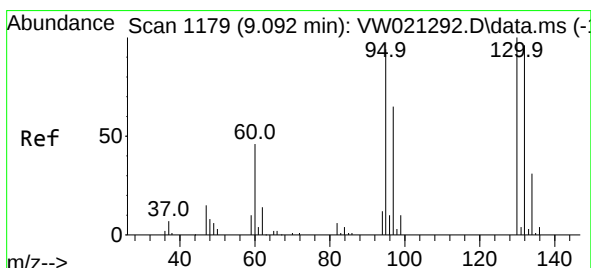
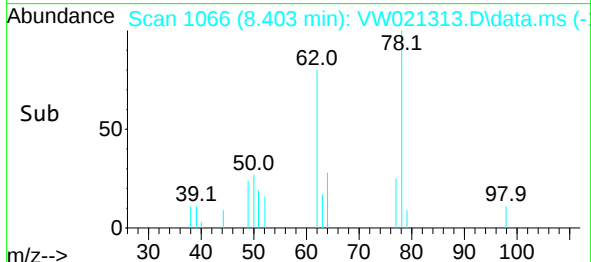
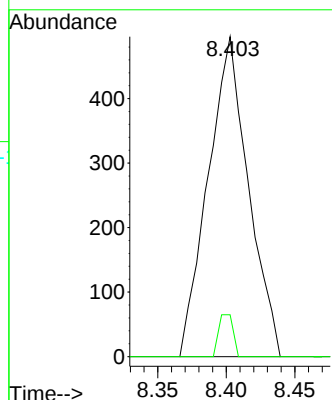
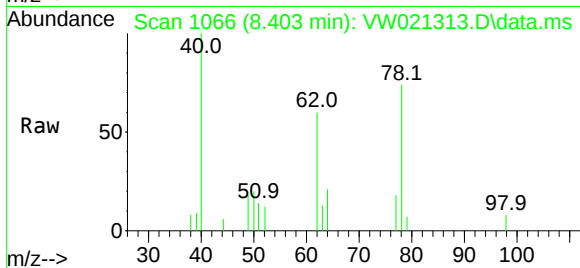
BGKZ8

Tgt Ion: 62 Resp: 1015

Ion Ratio Lower Upper

62 100

98 13.1 6.5 9.7#



#34

Trichloroethene

Concen: 393.651 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021313.D

Acq: 11 Dec 2021 04:25

Tgt Ion: 95 Resp: 187183

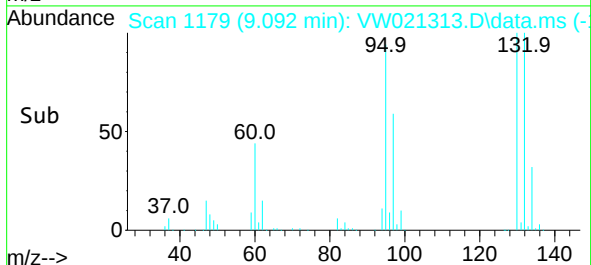
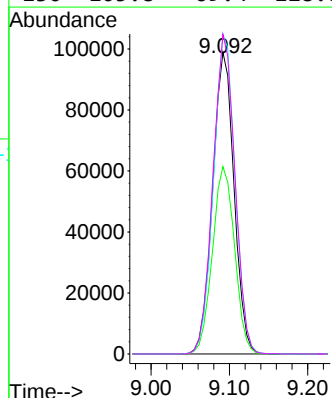
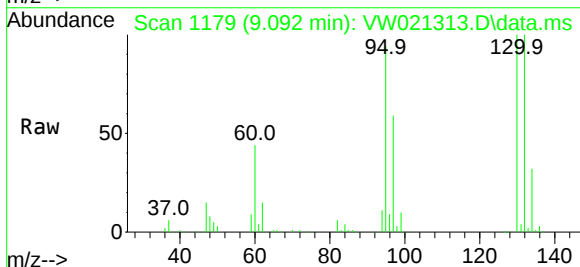
Ion Ratio Lower Upper

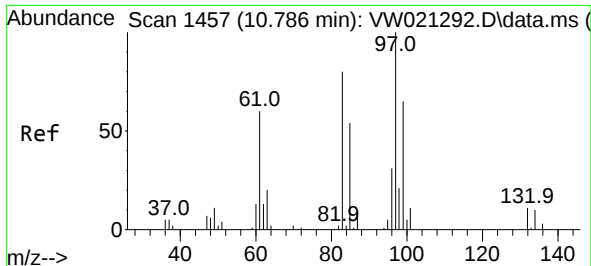
95 100

97 62.1 47.0 87.2

132 106.0 65.5 121.6

130 105.8 69.4 128.8

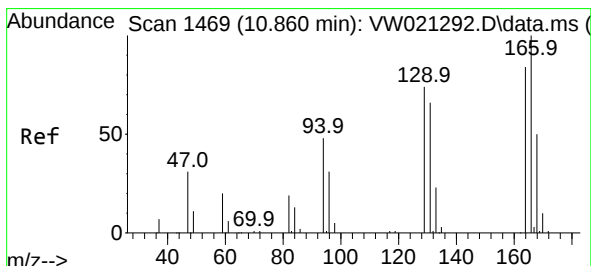
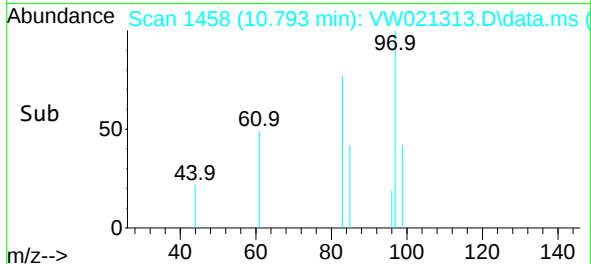
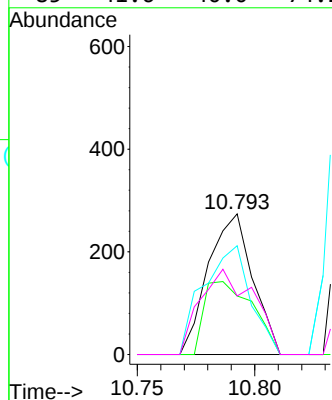
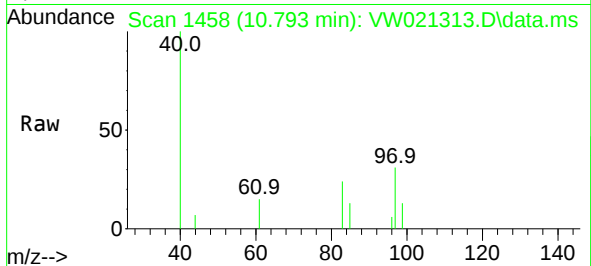




#45
1,1,2-Trichloroethane
Concen: 1.167 ug/L
RT: 10.793 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VW021313.D
Acq: 11 Dec 2021 04:25

Instrument :
MSVOA_W
ClientSampleId :
BGKZ8

Tgt Ion: 97	Resp: 361
Ion Ratio	Lower Upper
97 100	
99 41.6	43.0 79.8#
83 77.4	62.6 116.3
85 41.6	40.0 74.2



#46
Tetrachloroethene
Concen: 2004.124 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021313.D
Acq: 11 Dec 2021 04:25

Tgt	Ion:164	Resp:	905285
Ion	Ratio	Lower	Upper
164	100		
129	93.0	65.5	121.7
131	89.0	59.7	110.9
166	140.6	88.7	164.7

