

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021173.D
 Acq On : 06 Dec 2021 16:46
 Operator : SY/VA
 Sample : M4888-01
 Misc : 6.03g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8A8

Quant Time: Dec 07 01:52:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 07 01:47:32 2021
 Response via : Initial Calibration

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

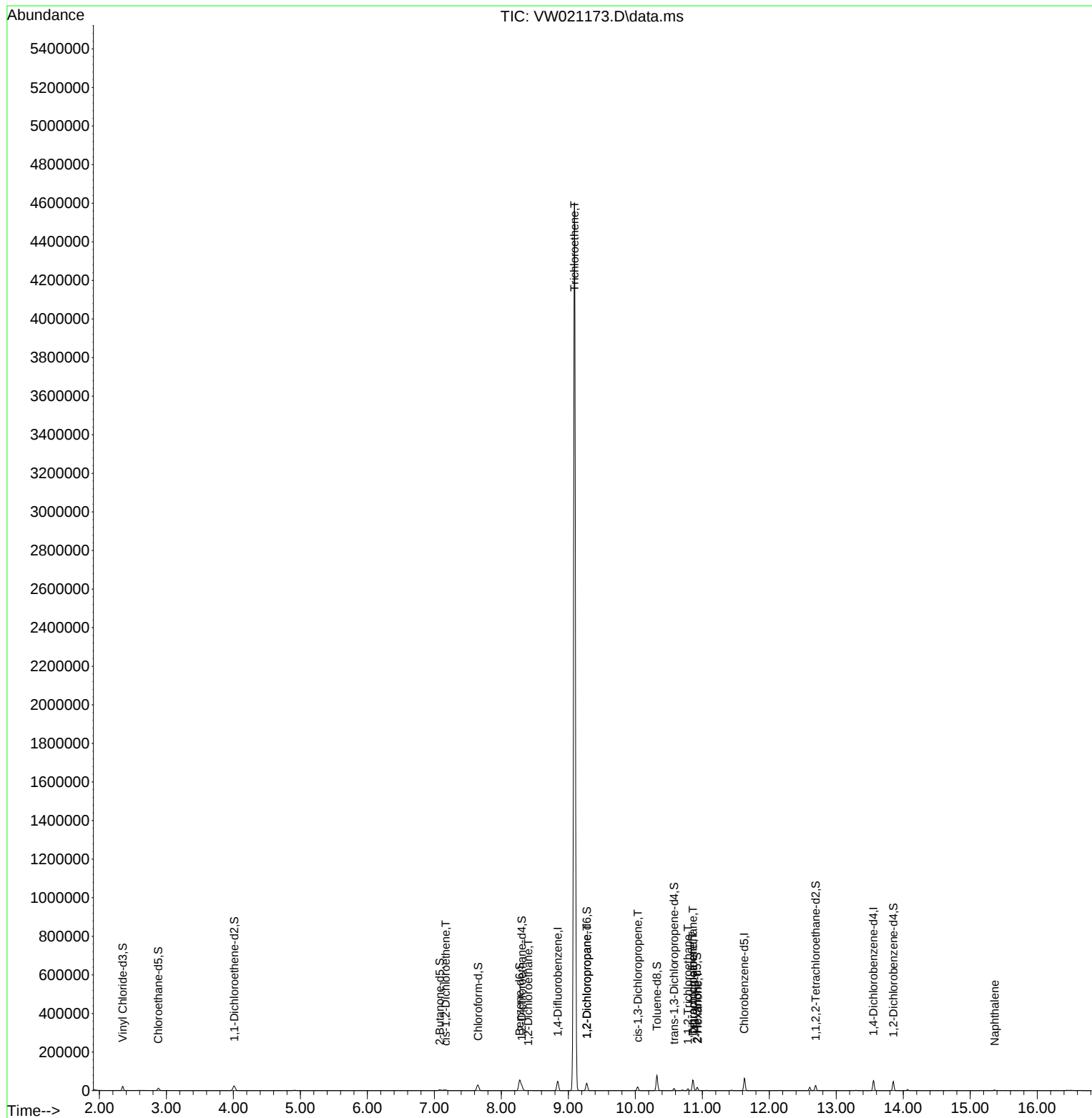
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	41657	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	35437	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	14345	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	19793	34.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 136.400%	
7) Chloroethane-d5	2.879	69	13335	34.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 137.280%	
11) 1,1-Dichloroethene-d2	4.013	63	21790	23.501	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 94.000%	
21) 2-Butanone-d5	7.080	46	7535	56.917	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 113.840%	
24) Chloroform-d	7.653	84	29534	28.310	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 113.240%	
26) 1,2-Dichloroethane-d4	8.305	65	16983	29.757	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 119.040%	
32) Benzene-d6	8.275	84	55435	30.595	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 122.360%	
36) 1,2-Dichloropropane-d6	9.275	67	15952	31.680	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 126.720%#	
41) Toluene-d8	10.323	98	51221	27.569	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 110.280%	
43) trans-1,3-Dichloroprop...	10.579	79	5686	24.869	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 99.480%	
47) 2-Hexanone-d5	10.921	63	5928	61.533	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.060%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	12469	26.767	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 107.080%	
66) 1,2-Dichlorobenzene-d4	13.853	152	12159	23.657	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 94.640%	
Target Compounds						
						Qvalue
20) cis-1,2-Dichloroethene	7.171	96	1520	2.489	ug/L	79
27) 1,2-Dichloroethane	8.403	62	391	0.583	ug/L #	77
34) Trichloroethene	9.092	95	1459505	2625.229	ug/L	97
37) 1,2-Dichloropropane	9.275	63	2028	4.453	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	601	0.816	ug/L #	72
45) 1,1,2-Trichloroethane	10.787	97	2861	7.492	ug/L	94
46) Tetrachloroethene	10.860	164	11859	23.295	ug/L	92
48) 2-Hexanone	10.933	43	891	3.981	ug/L #	67
49) Dibromochloromethane	10.860	129	9760	20.450	ug/L #	10
71) Naphthalene	15.365	128	3361	3.189	ug/L	99

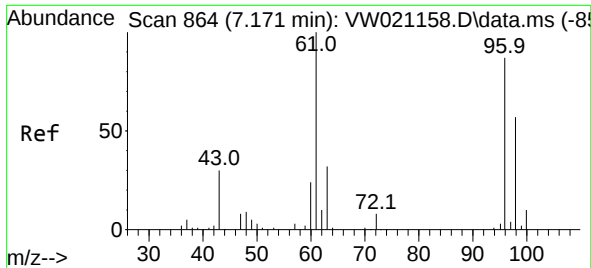
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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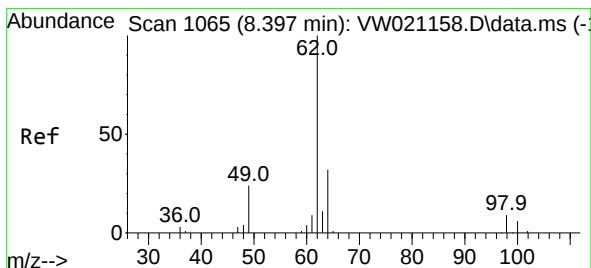
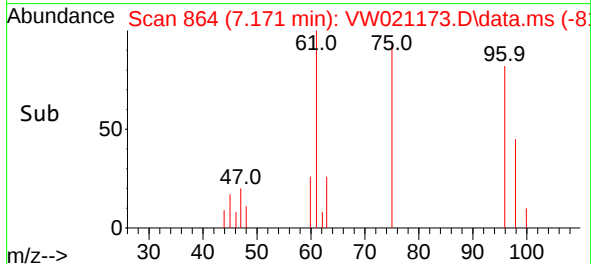
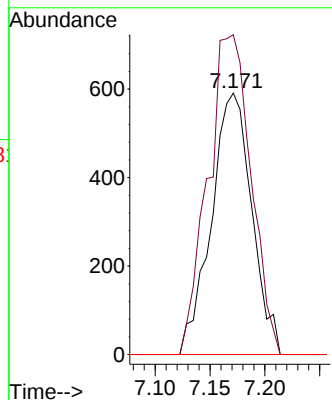
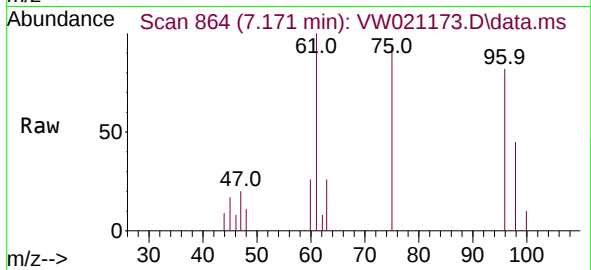




#20
 cis-1,2-Dichloroethene
 Concen: 2.489 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW021173.D
 Acq: 06 Dec 2021 16:46

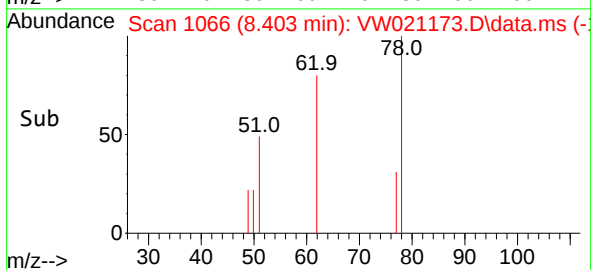
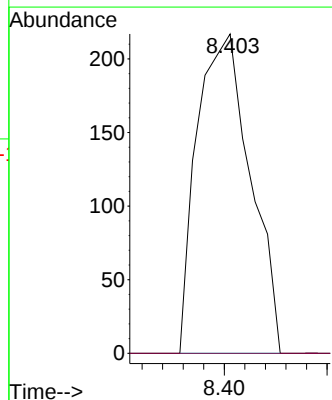
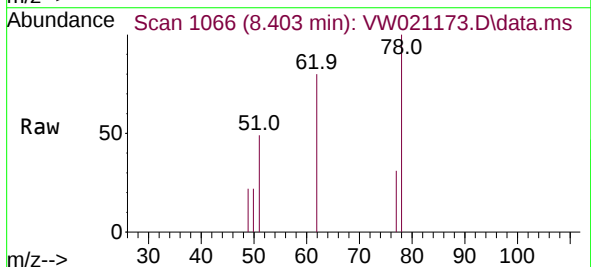
Instrument :
 MSVOA_W
 ClientSampleId :
 EX8A8

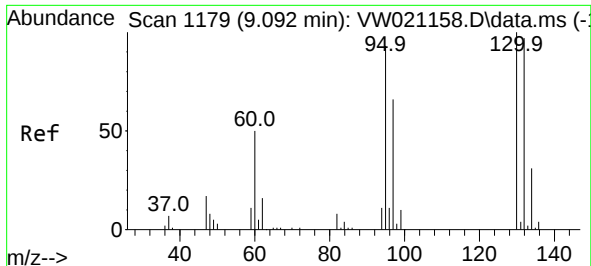
Tgt Ion: 96 Resp: 1520
 Ion Ratio Lower Upper
 96 100
 61 122.3 103.7 192.7
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.583 ug/L
 RT: 8.403 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VW021173.D
 Acq: 06 Dec 2021 16:46

Tgt Ion: 62 Resp: 391
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.5 9.7#

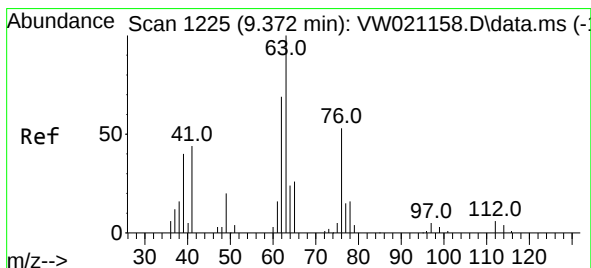
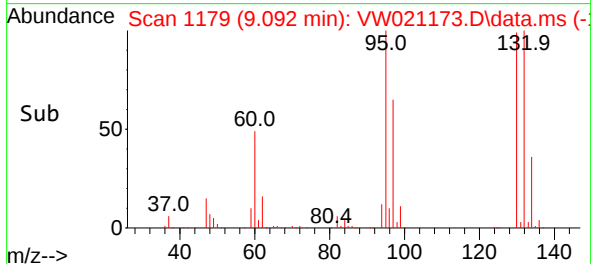
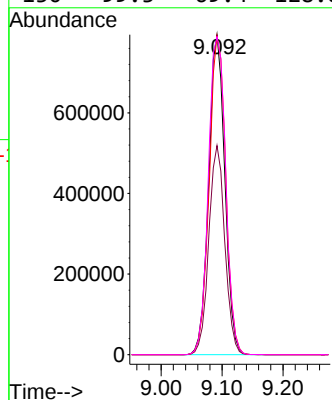
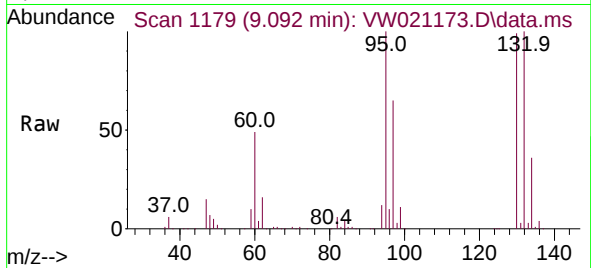




#34
 Trichloroethene
 Concen: 2625.229 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VW021173.D
 Acq: 06 Dec 2021 16:46

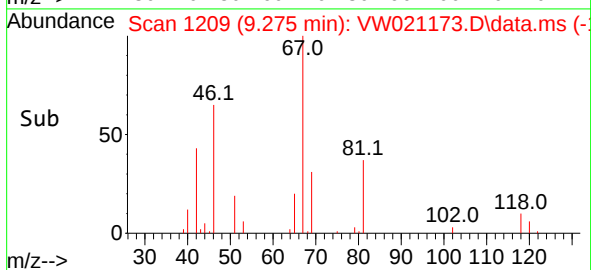
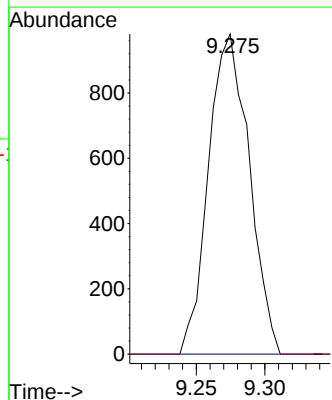
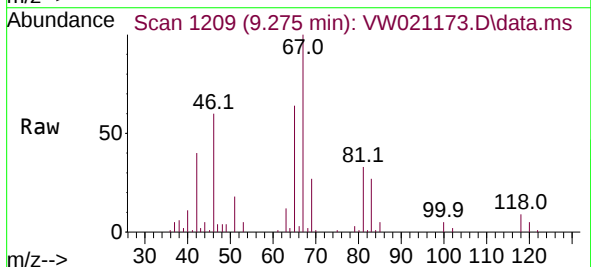
Instrument :
 MSVOA_W
 ClientSampleId :
 EX8A8

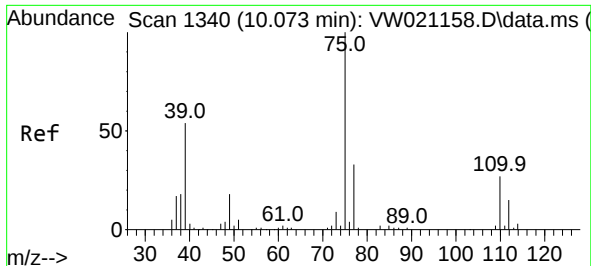
Tgt Ion: 95 Resp: 1459505
 Ion Ratio Lower Upper
 95 100
 97 65.4 47.0 87.2
 132 99.6 65.5 121.6
 130 99.3 69.4 128.8



#37
 1,2-Dichloropropane
 Concen: 4.453 ug/L
 RT: 9.275 min Scan# 1209
 Delta R.T. -0.097 min
 Lab File: VW021173.D
 Acq: 06 Dec 2021 16:46

Tgt Ion: 63 Resp: 2028
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.816 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW021173.D

Acq: 06 Dec 2021 16:46

Instrument :

MSVOA_W

ClientSampleId :

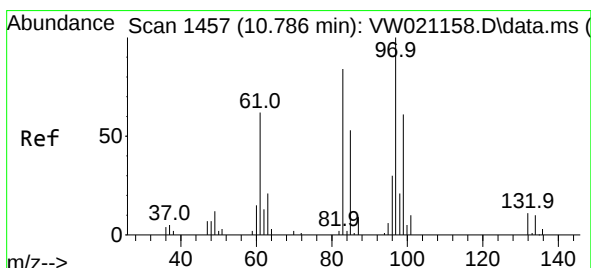
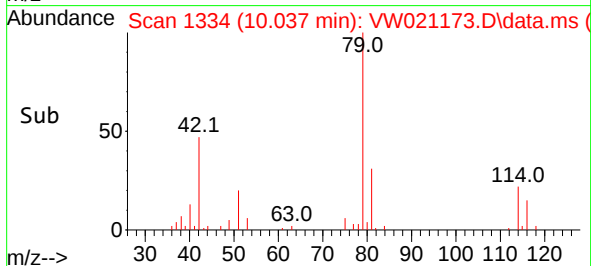
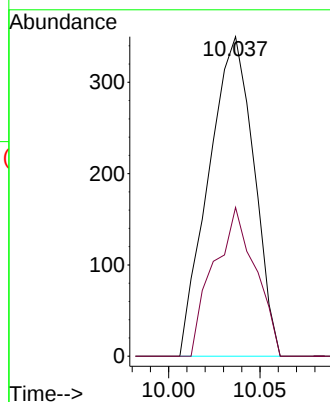
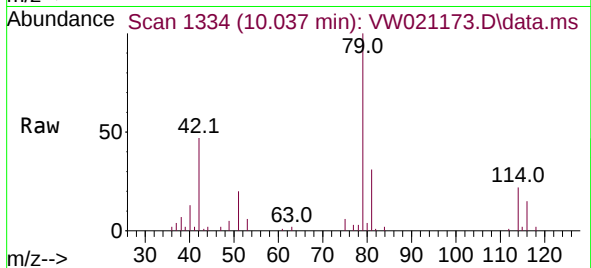
EX8A8

Tgt Ion: 75 Resp: 601

Ion Ratio Lower Upper

75 100

77 46.6 21.8 40.6#



#45

1,1,2-Trichloroethane

Concen: 7.492 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021173.D

Acq: 06 Dec 2021 16:46

Tgt Ion: 97 Resp: 2861

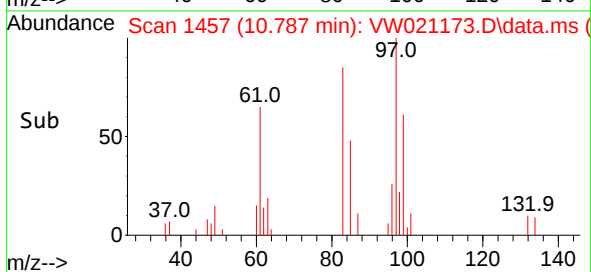
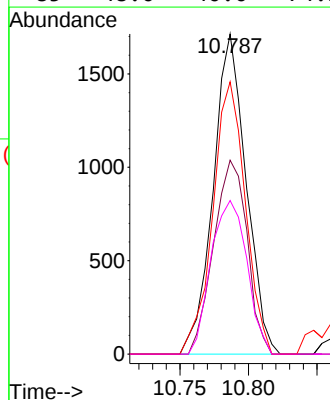
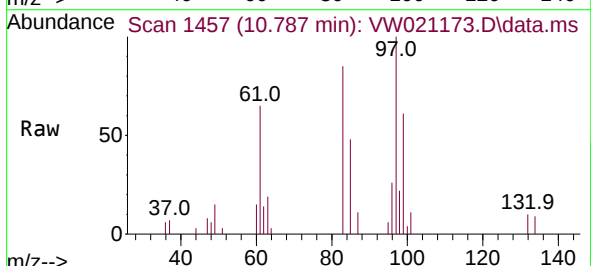
Ion Ratio Lower Upper

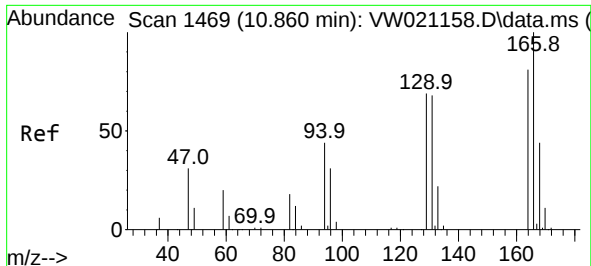
97 100

99 60.6 43.0 79.8

83 85.1 62.6 116.3

85 48.0 40.0 74.2



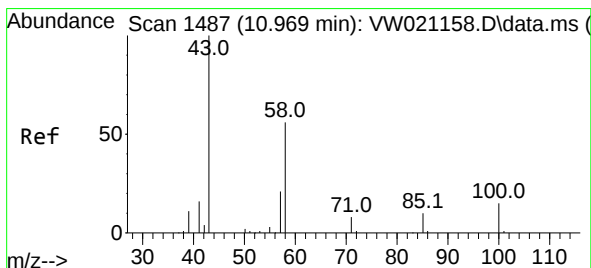
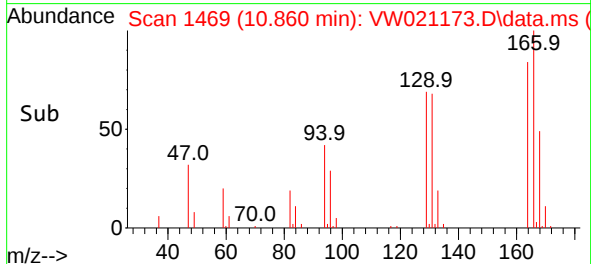
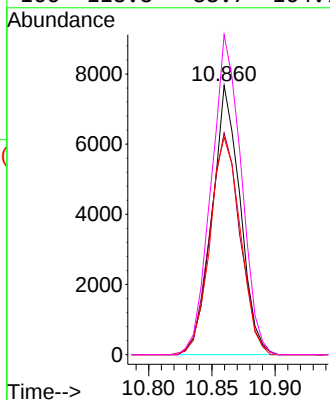
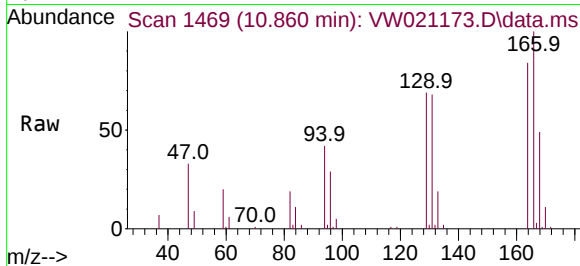


#46
Tetrachloroethene
Concen: 23.295 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021173.D
Acq: 06 Dec 2021 16:46

Instrument :
MSVOA_W
ClientSampleId :
EX8A8

Tgt Ion:164 Resp: 11859

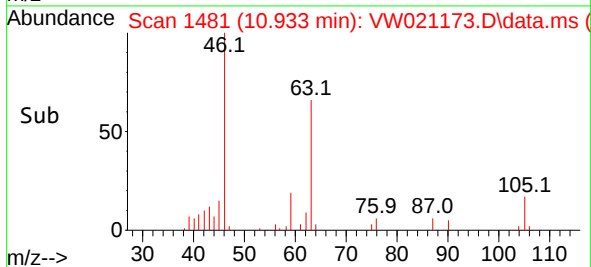
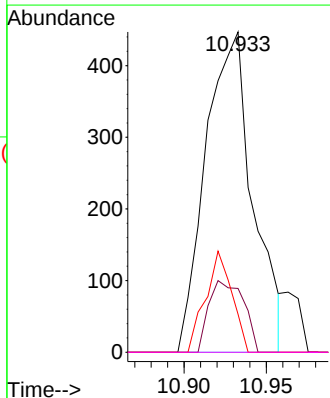
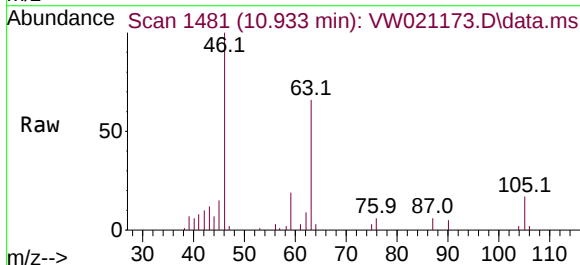
Ion	Ratio	Lower	Upper
164	100		
129	82.3	65.5	121.7
131	80.7	59.7	110.9
166	118.8	88.7	164.7

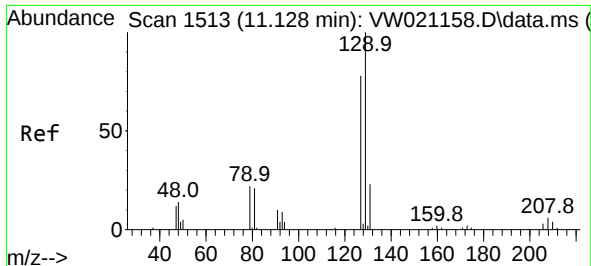


#48
2-Hexanone
Concen: 3.981 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.036 min
Lab File: VW021173.D
Acq: 06 Dec 2021 16:46

Tgt Ion: 43 Resp: 891

Ion	Ratio	Lower	Upper
43	100		
58	16.5	40.2	60.2#
57	17.6	14.3	21.5
100	5.4	8.0	12.0#





#49

Dibromochloromethane

Concen: 20.450 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.268 min

Lab File: VW021173.D

Acq: 06 Dec 2021 16:46

Instrument :

MSVOA_W

ClientSampleId :

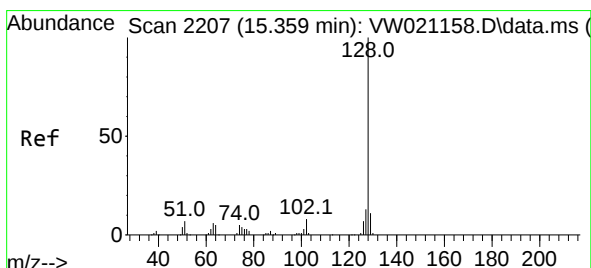
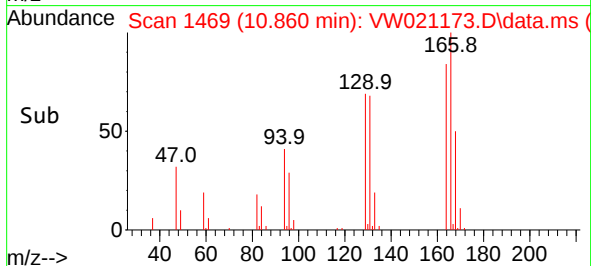
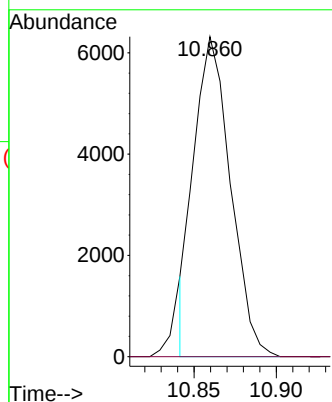
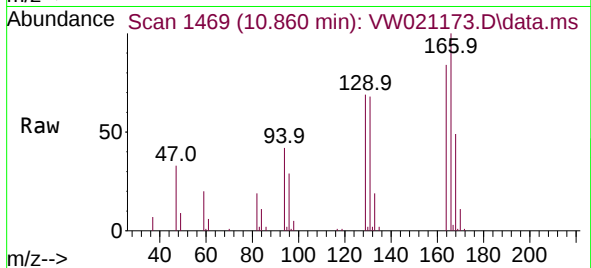
EX8A8

Tgt Ion:129 Resp: 9760

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#71

Naphthalene

Concen: 3.189 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.006 min

Lab File: VW021173.D

Acq: 06 Dec 2021 16:46

Tgt Ion:128 Resp: 3361

Ion Ratio Lower Upper

128 100

127 14.4 10.7 16.1

129 10.6 8.6 12.8

