

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083121\
 Data File : VW019956.D
 Acq On : 31 Aug 2021 14:19
 Operator : SY/VA
 Sample : M3579-16
 Misc : 5.78g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6B8

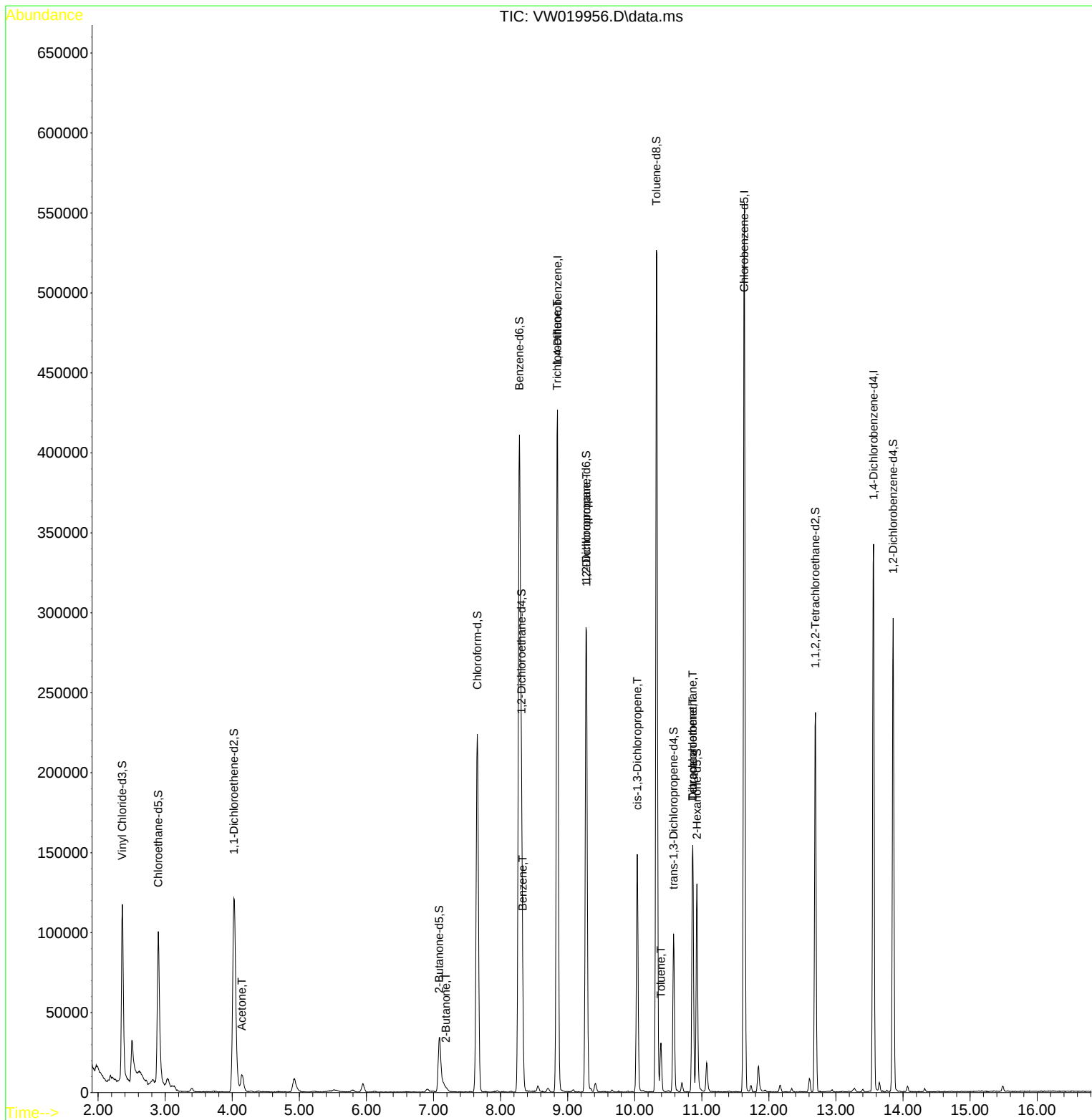
Quant Time: Sep 01 01:04:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 01 00:59:56 2021
 Response via : Initial Calibration

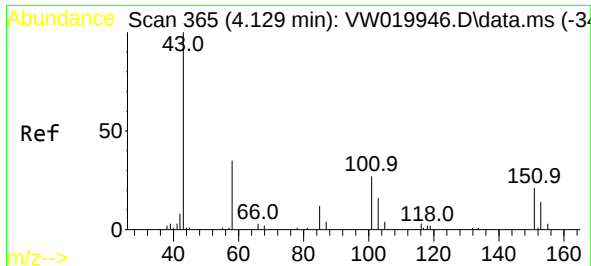
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	351373	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	300200	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	89299	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	124240	22.821	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.280%
7) Chloroethane-d5	2.898	69	124512	26.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.240%
11) 1,1-Dichloroethene-d2	4.026	63	137044	14.507	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.040%
21) 2-Butanone-d5	7.086	46	57949	52.403	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.800%
24) Chloroform-d	7.653	84	227205	23.512	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.040%
26) 1,2-Dichloroethane-d4	8.311	65	131582	25.268	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.080%
32) Benzene-d6	8.281	84	421646	24.634	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.520%
36) 1,2-Dichloropropane-d6	9.275	67	137791	26.583	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.320%
41) Toluene-d8	10.323	98	349781	22.299	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	10.579	79	54153	25.289	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.160%
47) 2-Hexanone-d5	10.927	63	42394	58.710	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.420%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	116858	27.699	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	75583	24.675	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.680%
Target Compounds						
					Qvalue	
13) Acetone	4.141	43	20341	21.547	ug/L	85
22) 2-Butanone	7.183	43	4023	3.289	ug/L	76
33) Benzene	8.330	78	19168	1.040	ug/L	100
34) Trichloroethene	8.842	95	10853	2.266	ug/L #	5
37) 1,2-Dichloropropane	9.281	63	15844	3.472	ug/L #	86
39) cis-1,3-Dichloropropene	10.037	75	3955	0.589	ug/L #	77
42) Toluene	10.390	91	21375	1.095	ug/L	94
46) Tetrachloroethene	10.866	164	34071	9.391	ug/L	94
49) Dibromochloromethane	10.866	129	32643	8.638	ug/L #	13

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

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Response via : Initial Calibration

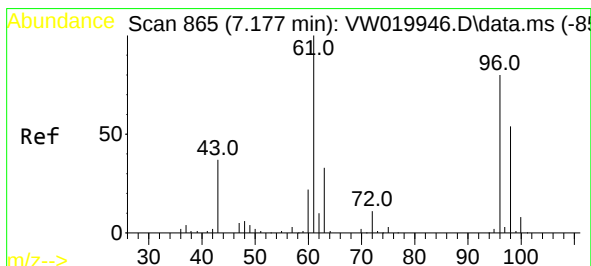
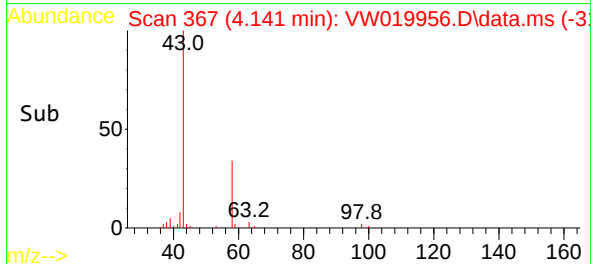
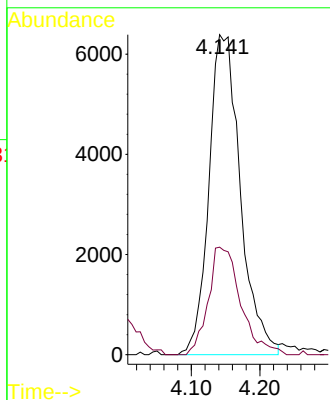
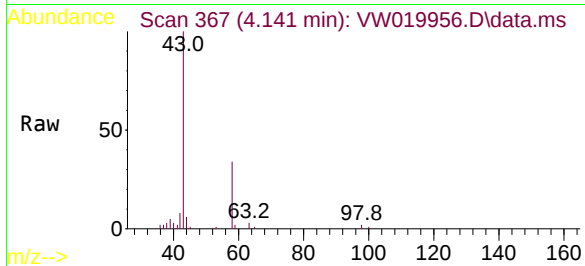




#13
Acetone
Concen: 21.547 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW019956.D
Acq: 31 Aug 2021 14:19

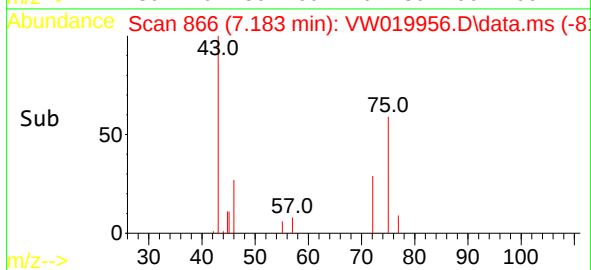
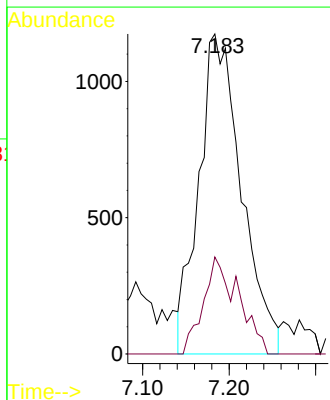
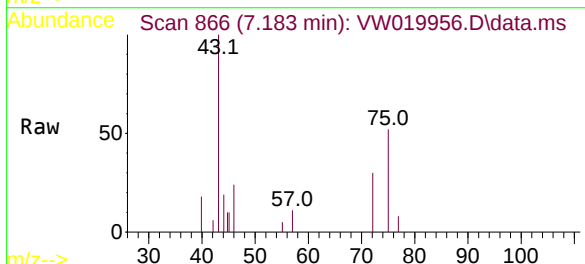
Instrument :
MSVOA_W
ClientSampled :
GB6B8

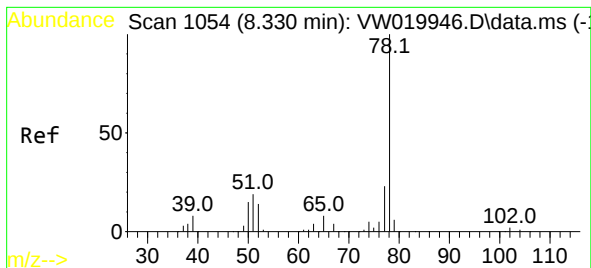
Tgt Ion: 43 Resp: 20341
Ion Ratio Lower Upper
43 100
58 34.6 0.0 53.8



#22
2-Butanone
Concen: 3.289 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW019956.D
Acq: 31 Aug 2021 14:19

Tgt Ion: 43 Resp: 4023
Ion Ratio Lower Upper
43 100
72 17.1 14.9 44.7





#33

Benzene

Concen: 1.040 ug/L

RT: 8.330 min Scan# 1054

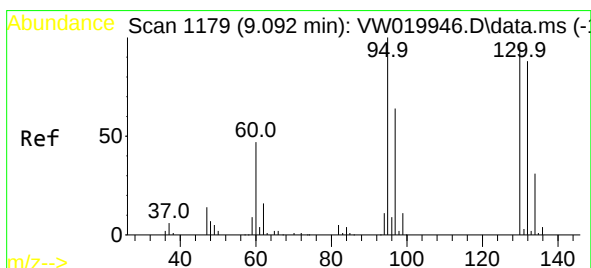
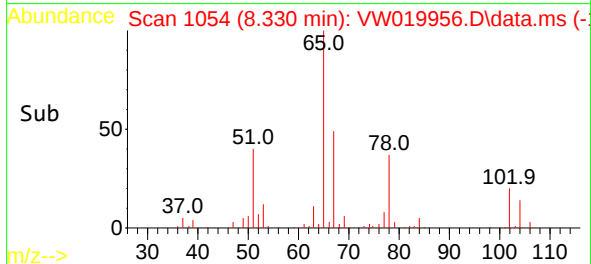
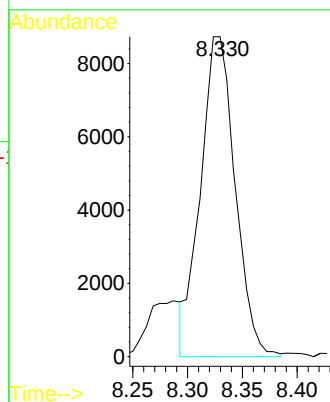
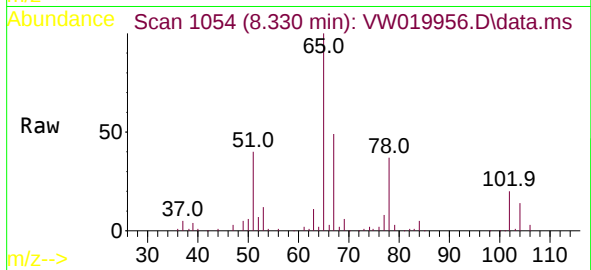
Delta R.T. 0.000 min

Lab File: VW019956.D

Acq: 31 Aug 2021 14:19

Tgt Ion: 78 Resp: 19168

Instrument :
MSVOA_W
ClientSampled :
GB6B8



#34

Trichloroethene

Concen: 2.266 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW019956.D

Acq: 31 Aug 2021 14:19

Tgt Ion: 95 Resp: 10853

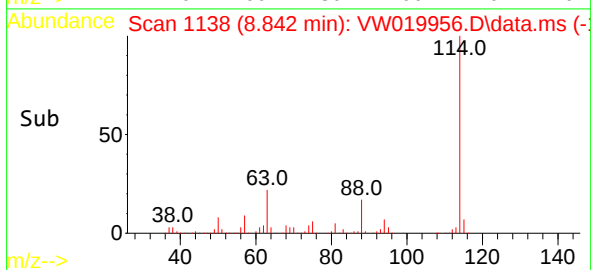
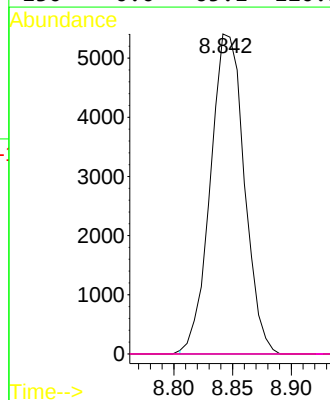
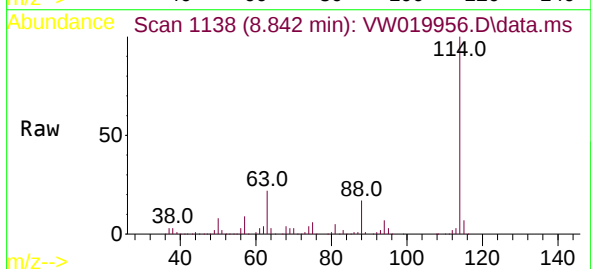
Ion Ratio Lower Upper

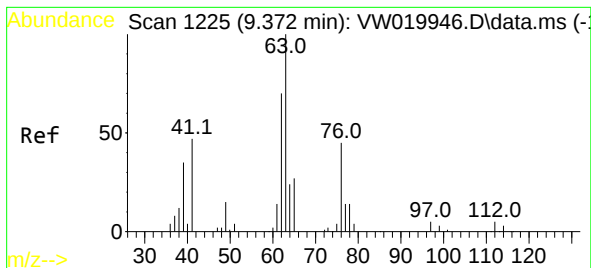
95 100

97 0.0 47.3 87.8#

132 0.0 71.0 131.8#

130 0.0 65.1 120.9#

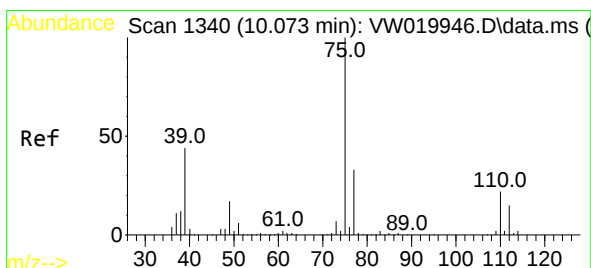
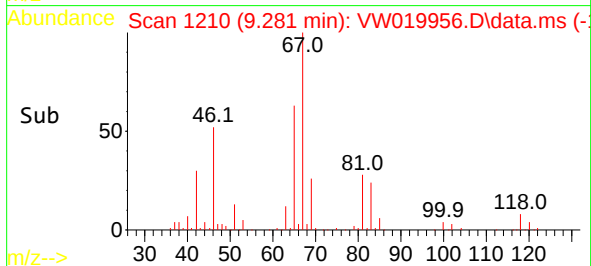
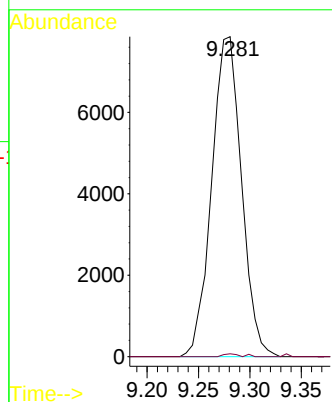
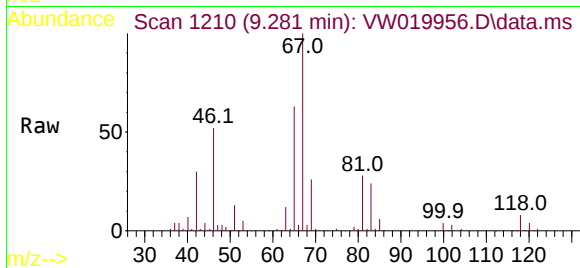




#37
1,2-Dichloropropane
Concen: 3.472 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.091 min
Lab File: VW019956.D
Acq: 31 Aug 2021 14:19

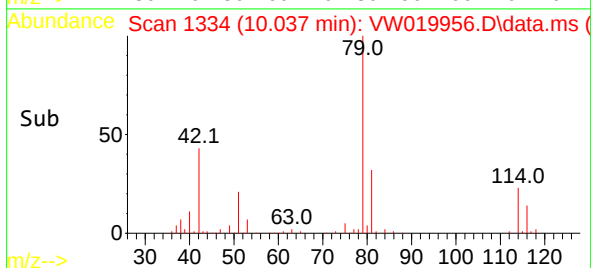
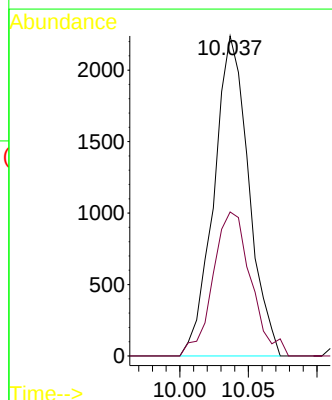
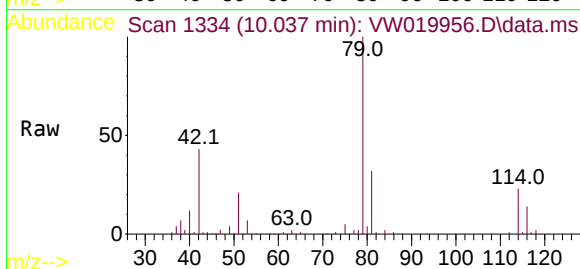
Instrument :
MSVOA_W
ClientSampled :
GB6B8

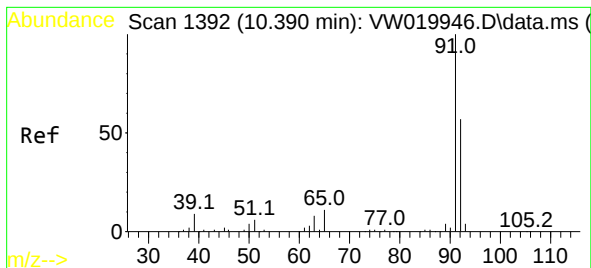
Tgt Ion: 63 Resp: 15844
Ion Ratio Lower Upper
63 100
112 0.4 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.589 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW019956.D
Acq: 31 Aug 2021 14:19

Tgt Ion: 75 Resp: 3955
Ion Ratio Lower Upper
75 100
77 45.0 22.6 42.0#





#42

Toluene

Concen: 1.095 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019956.D

Acq: 31 Aug 2021 14:19

Tgt Ion: 91 Resp: 21375

Ion Ratio Lower Upper

91 100

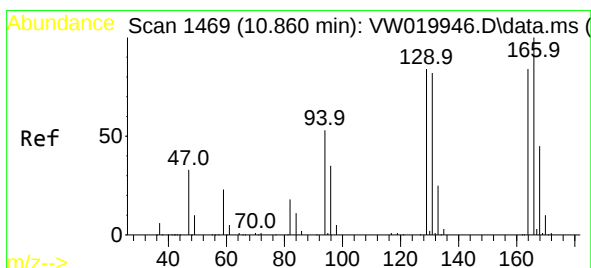
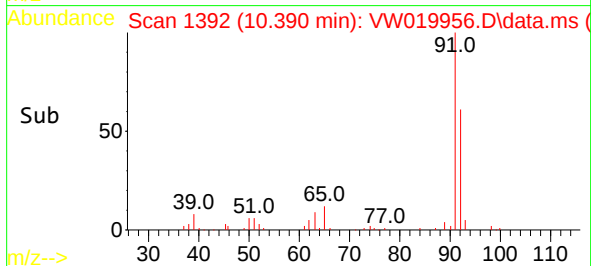
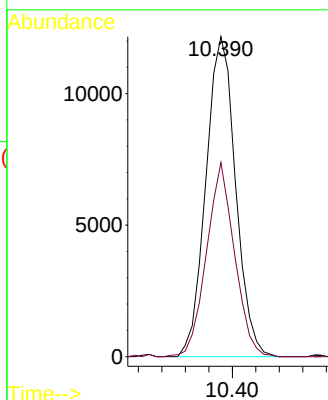
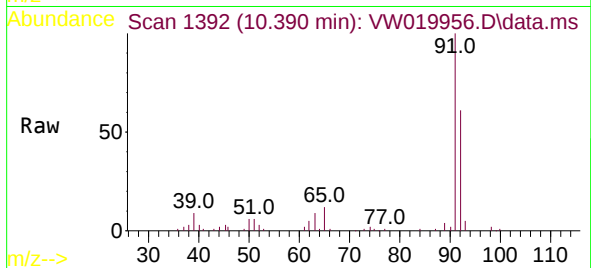
92 60.6 39.5 73.3

Instrument :

MSVOA_W

ClientSampled :

GB6B8



#46

Tetrachloroethene

Concen: 9.391 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW019956.D

Acq: 31 Aug 2021 14:19

Tgt Ion:164 Resp: 34071

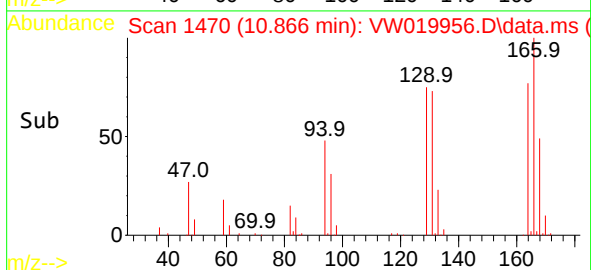
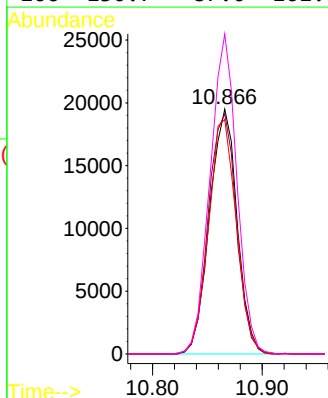
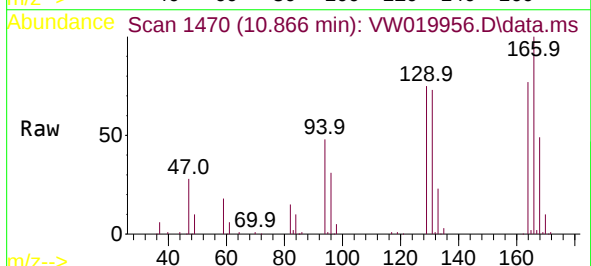
Ion Ratio Lower Upper

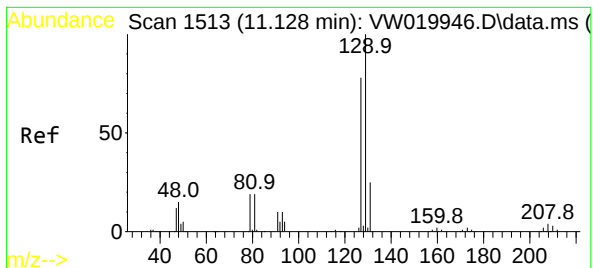
164 100

129 98.1 66.7 123.9

131 95.8 61.1 113.5

166 130.7 87.0 161.6





#49
 Dibromochloromethane
 Concen: 8.638 ug/L
 RT: 10.866 min Scan# 1470
 Delta R.T. -0.262 min
 Lab File: VW019956.D
 Acq: 31 Aug 2021 14:19

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6B8

Tgt Ion:129 Resp: 32643
 Ion Ratio Lower Upper
 129 100
 127 0.0 51.7 95.9#

