

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083121\
 Data File : VW019958.D
 Acq On : 31 Aug 2021 15:11
 Operator : SY/VA
 Sample : M3579-14RE
 Misc : 5.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6B6RE

Quant Time: Sep 01 01:05:12 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)

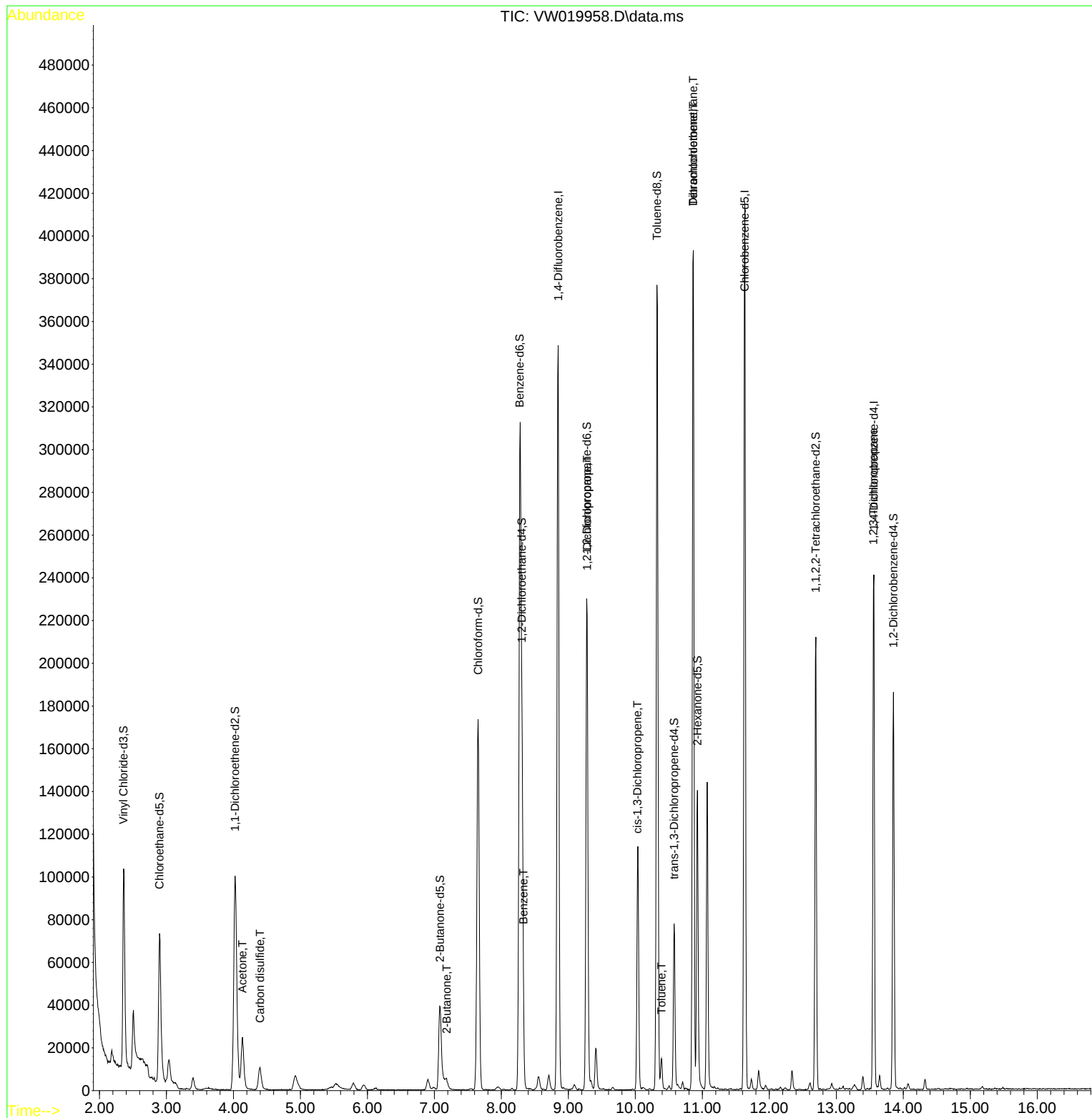
Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	287372	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	230090	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	61733	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	101490	22.794	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.160%
7) Chloroethane-d5	2.897	69	94517	24.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.720%
11) 1,1-Dichloroethene-d2	4.025	63	108439	14.035	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.160%
21) 2-Butanone-d5	7.086	46	65389	72.300	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.600%#
24) Chloroform-d	7.653	84	176577	22.343	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.360%
26) 1,2-Dichloroethane-d4	8.305	65	108524	25.481	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.920%
32) Benzene-d6	8.274	84	315744	24.067	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.280%
36) 1,2-Dichloropropane-d6	9.274	67	106072	26.699	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.800%
41) Toluene-d8	10.323	98	246102	20.470	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.880%
43) trans-1,3-Dichloroprop...	10.579	79	42876	26.124	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.480%
47) 2-Hexanone-d5	10.926	63	46291	83.640	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	167.280%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	100923	31.212	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.840%#
66) 1,2-Dichlorobenzene-d4	13.853	152	47874	22.608	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.440%
Target Compounds					Qvalue	
13) Acetone	4.135	43	42788	55.421	ug/L	90
14) Carbon disulfide	4.397	76	24155	1.941	ug/L	98
22) 2-Butanone	7.183	43	7363	7.360	ug/L	76
33) Benzene	8.329	78	5180	0.367	ug/L	100
37) 1,2-Dichloropropane	9.280	63	12091	3.457	ug/L #	86
39) cis-1,3-Dichloropropene	10.030	75	3077	0.597	ug/L #	65
42) Toluene	10.390	91	10015	0.669	ug/L	96
46) Tetrachloroethene	10.865	164	86389	31.066	ug/L	95
49) Dibromochloromethane	10.865	129	81529	28.149	ug/L #	13
61) 1,2,3-Trichloropropane	13.554	75	8196	6.772	ug/L #	63

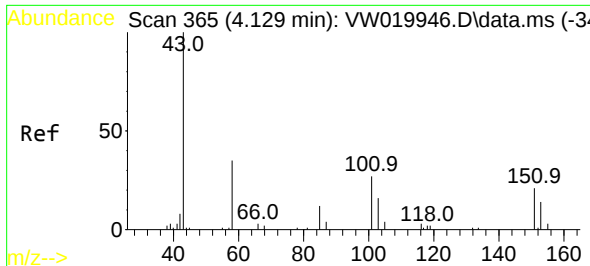
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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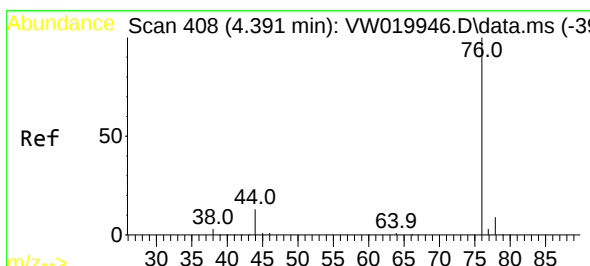
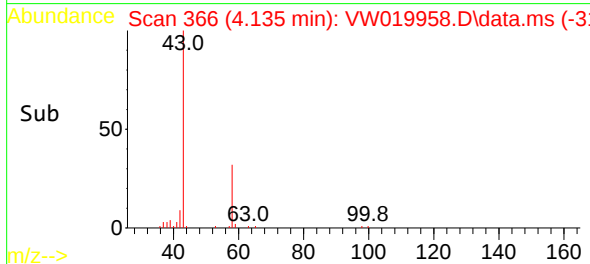
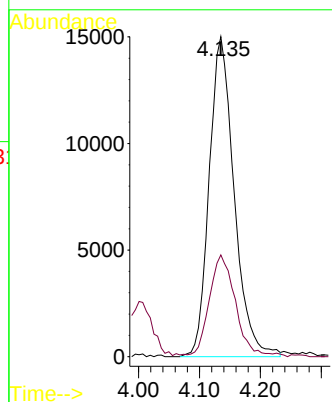
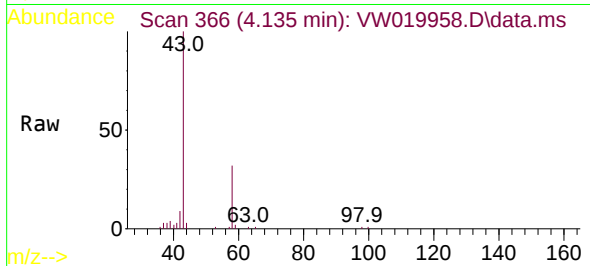




#13
Acetone
Concen: 55.421 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW019958.D
Acq: 31 Aug 2021 15:11

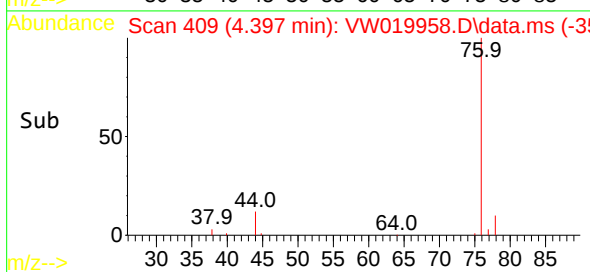
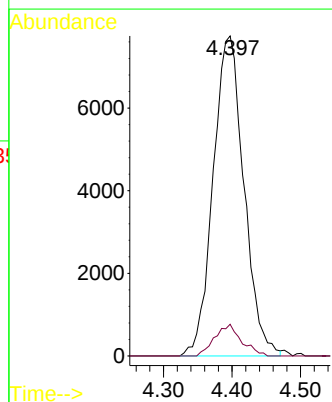
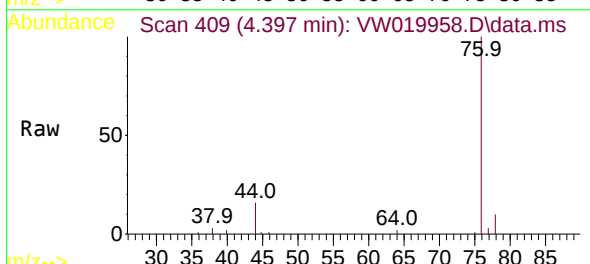
Instrument :
MSVOA_W
ClientSampled :
GB6B6RE

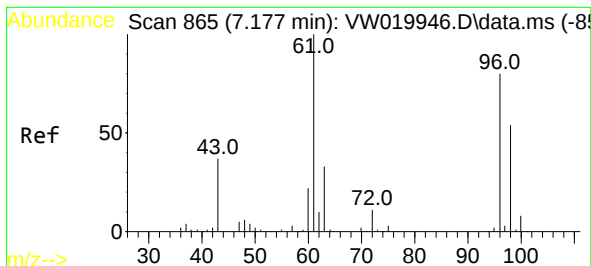
Tgt Ion: 43 Resp: 42788
Ion Ratio Lower Upper
43 100
58 32.1 0.0 53.8



#14
Carbon disulfide
Concen: 1.941 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW019958.D
Acq: 31 Aug 2021 15:11

Tgt Ion: 76 Resp: 24155
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

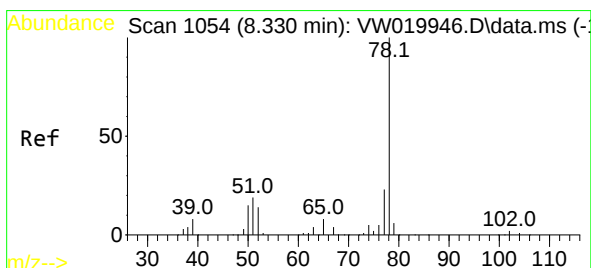
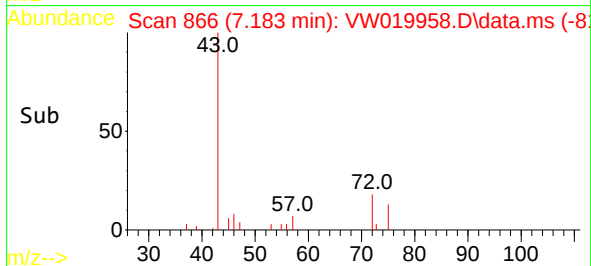
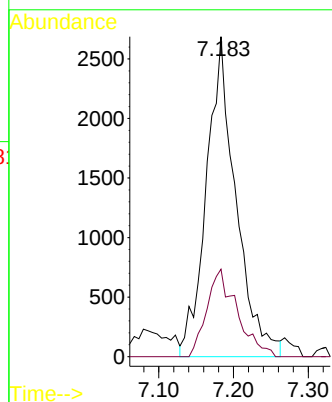
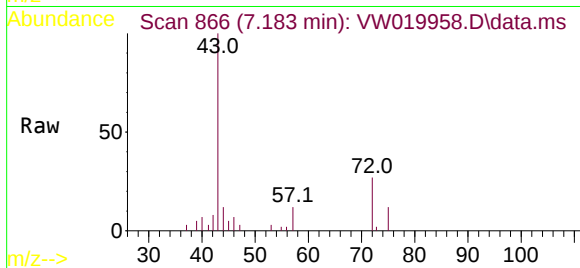




#22
2-Butanone
Concen: 7.360 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW019958.D
Acq: 31 Aug 2021 15:11

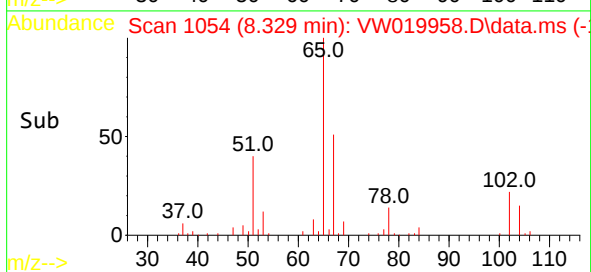
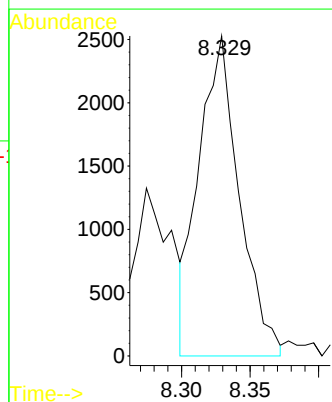
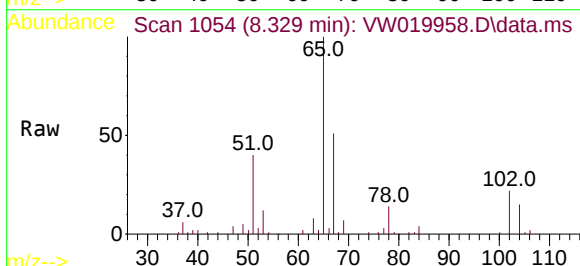
Instrument :
MSVOA_W
ClientSampled :
GB6B6RE

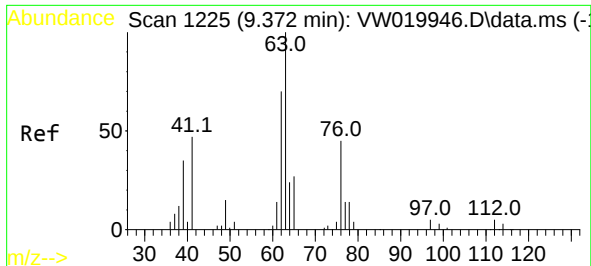
Tgt Ion: 43 Resp: 7363
Ion Ratio Lower Upper
43 100
72 17.0 14.9 44.7



#33
Benzene
Concen: 0.367 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VW019958.D
Acq: 31 Aug 2021 15:11

Tgt Ion: 78 Resp: 5180

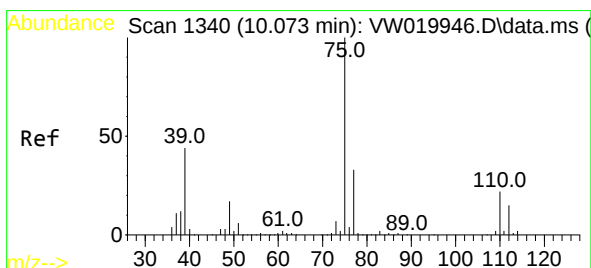
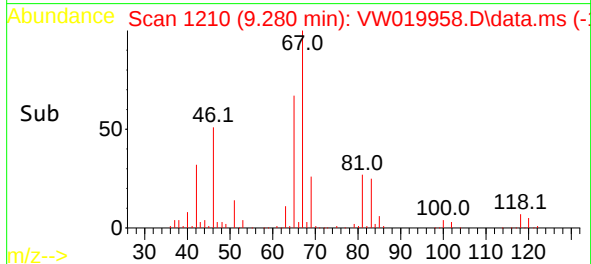
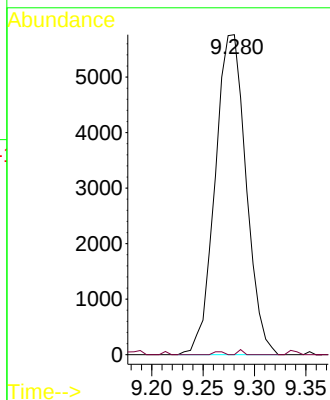
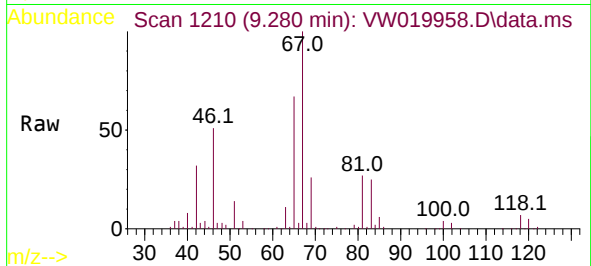




#37
1,2-Dichloropropane
Concen: 3.457 ug/L
RT: 9.280 min Scan# 1210
Delta R.T. -0.092 min
Lab File: VW019958.D
Acq: 31 Aug 2021 15:11

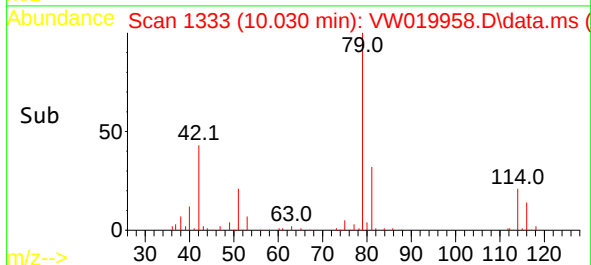
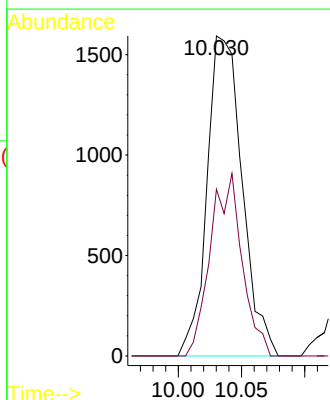
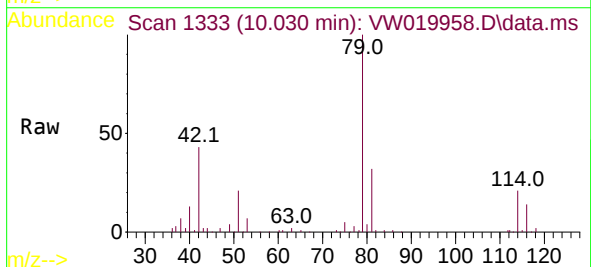
Instrument :
MSVOA_W
ClientSampled :
GB6B6RE

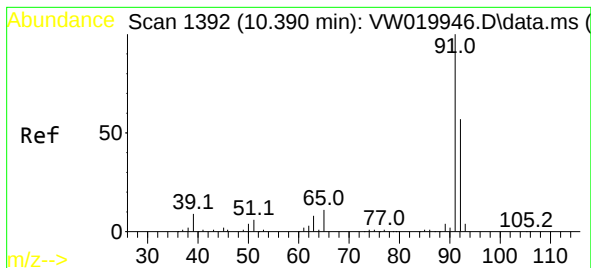
Tgt Ion: 63 Resp: 12091
Ion Ratio Lower Upper
63 100
112 0.3 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.597 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW019958.D
Acq: 31 Aug 2021 15:11

Tgt Ion: 75 Resp: 3077
Ion Ratio Lower Upper
75 100
77 52.1 22.6 42.0#





#42

Toluene

Concen: 0.669 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW019958.D

Acq: 31 Aug 2021 15:11

Tgt Ion: 91 Resp: 10015

Ion Ratio Lower Upper

91 100

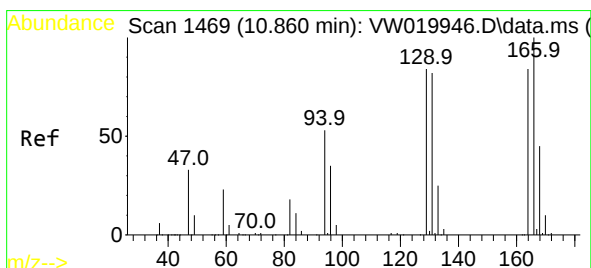
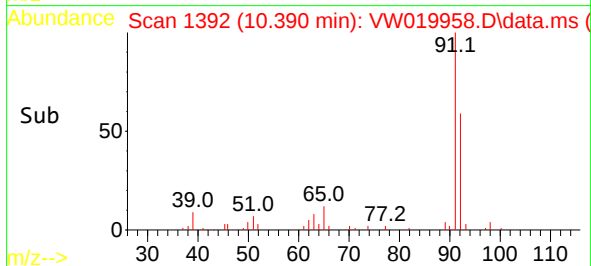
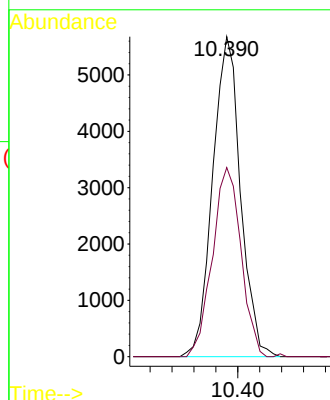
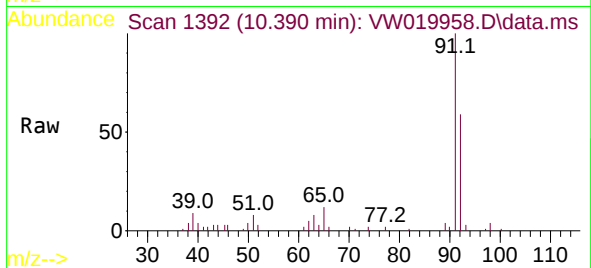
92 59.1 39.5 73.3

Instrument :

MSVOA_W

ClientSampleId :

GB6B6RE



#46

Tetrachloroethene

Concen: 31.066 ug/L

RT: 10.865 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW019958.D

Acq: 31 Aug 2021 15:11

Tgt Ion:164 Resp: 86389

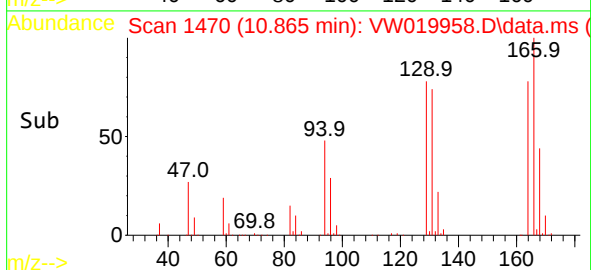
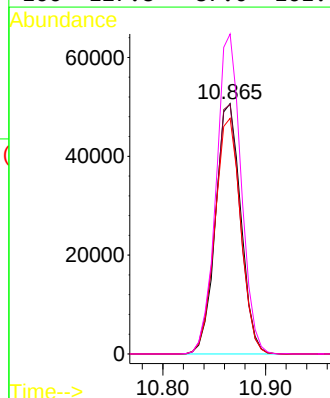
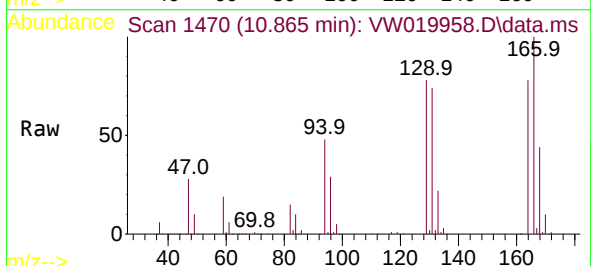
Ion Ratio Lower Upper

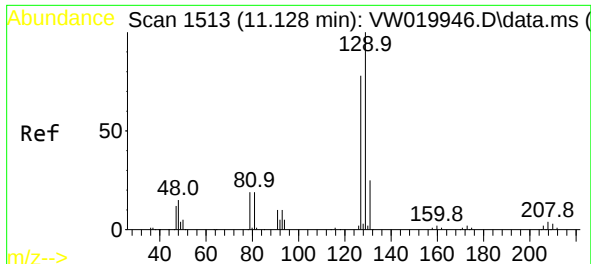
164 100

129 99.7 66.7 123.9

131 94.1 61.1 113.5

166 127.8 87.0 161.6

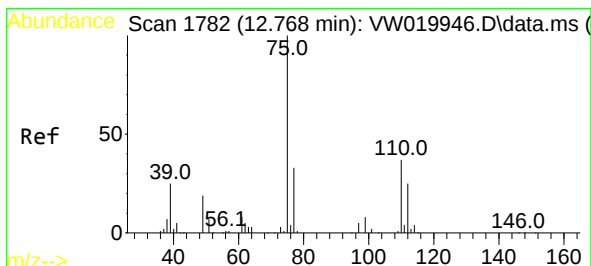
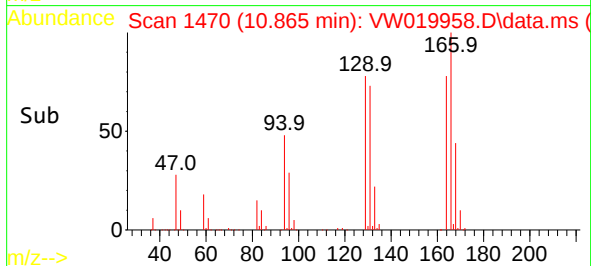
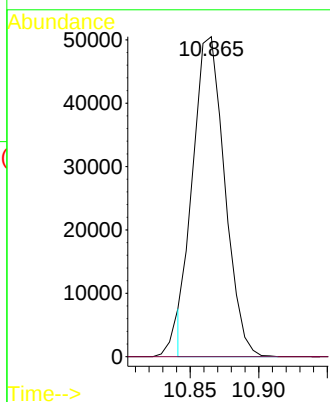
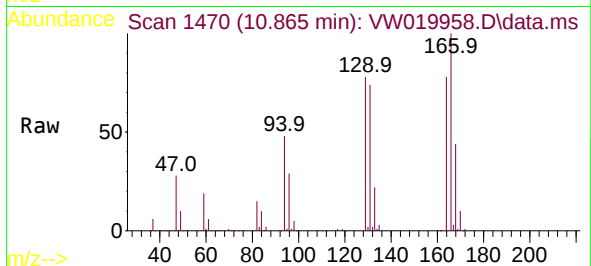




#49
Dibromochloromethane
Concen: 28.149 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW019958.D
Acq: 31 Aug 2021 15:11

Instrument :
MSVOA_W
ClientSampleId :
GB6B6RE

Tgt Ion:129 Resp: 81529
Ion Ratio Lower Upper
129 100
127 0.0 51.7 95.9#



#61
1,2,3-Trichloropropane
Concen: 6.772 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW019958.D
Acq: 31 Aug 2021 15:11

Tgt Ion: 75 Resp: 8196
Ion Ratio Lower Upper
75 100
77 33.8 25.3 37.9
110 1.9 32.6 48.8#

