

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061121\
 Data File : VW019196.D
 Acq On : 11 Jun 2021 14:41
 Operator : SY/VA
 Sample : M2682-14
 Misc : 5.70G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGD33

Quant Time: Jun 12 00:23:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 12 00:22:09 2021
 Response via : Initial Calibration

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

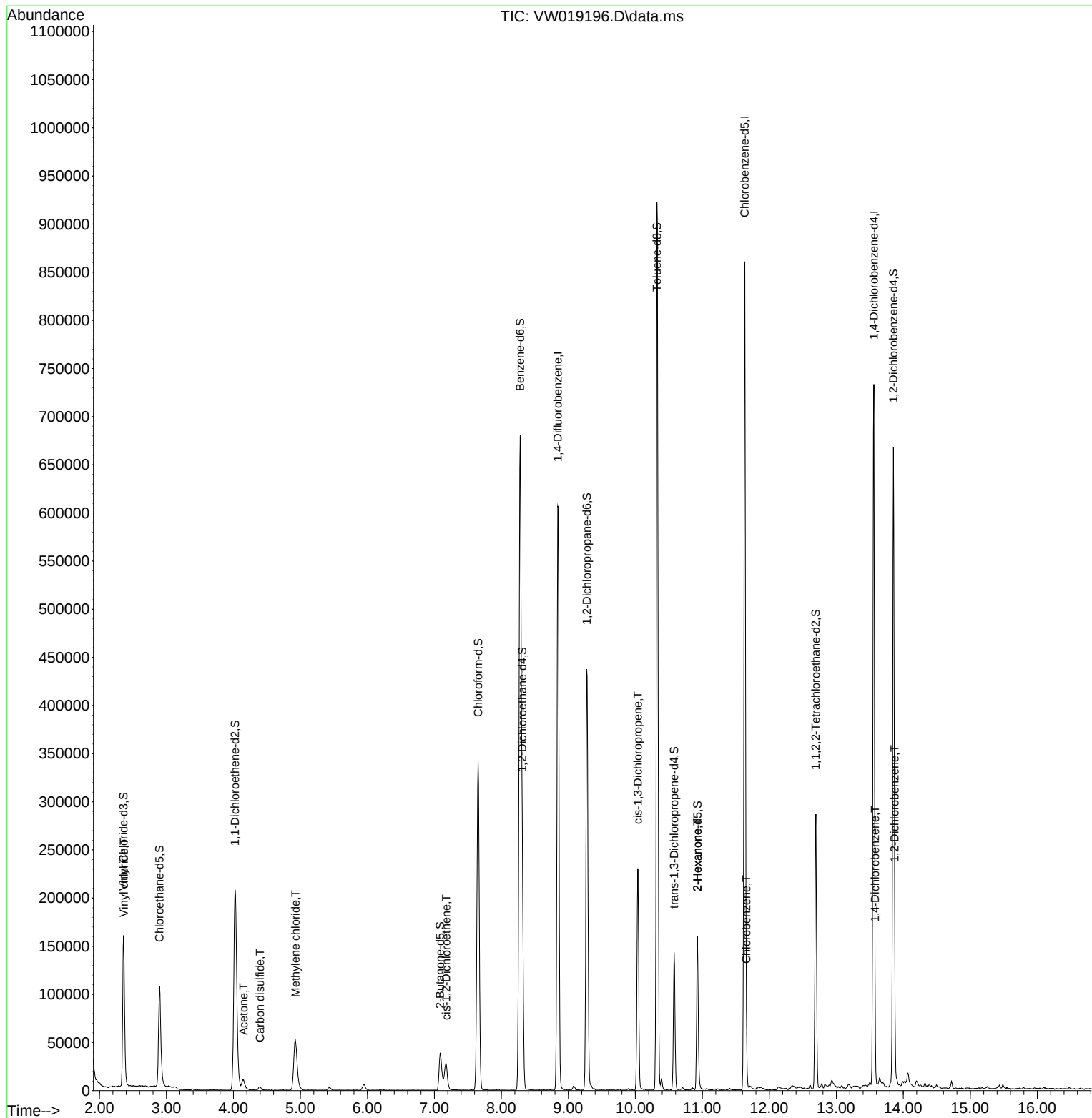
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	510884	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	446187	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	176672	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	168448	24.935	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.720%
7) Chloroethane-d5	2.897	69	139230	24.198	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	4.025	63	237757	17.714	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.840%
21) 2-Butanone-d5	7.086	46	65904	37.243	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.480%
24) Chloroform-d	7.653	84	347070	25.269	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.080%
26) 1,2-Dichloroethane-d4	8.311	65	183932	23.874	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.480%
32) Benzene-d6	8.281	84	693647	27.286	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.160%
36) 1,2-Dichloropropane-d6	9.274	67	209625	27.201	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.800%
41) Toluene-d8	10.323	98	601521	25.765	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.080%
43) trans-1,3-Dichloroprop...	10.579	79	77432	23.199	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.800%
47) 2-Hexanone-d5	10.927	63	52953	40.519	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.040%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	140393	22.084	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	161282	26.155	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.600%
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	19099	2.045	ug/L	82
13) Acetone	4.153	43	21183	13.509	ug/L	90
14) Carbon disulfide	4.397	76	7933	0.346	ug/L #	84
16) Methylene chloride	4.928	84	46716	4.928	ug/L	96
20) cis-1,2-Dichloroethene	7.177	96	13396	1.648	ug/L	94
39) cis-1,3-Dichloropropene	10.036	75	5819	0.521	ug/L #	72
48) 2-Hexanone	10.927	43	7718	2.674	ug/L #	67
51) Chlorobenzene	11.658	112	12393	0.636	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	6848	0.580	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	10303	0.992	ug/L #	88

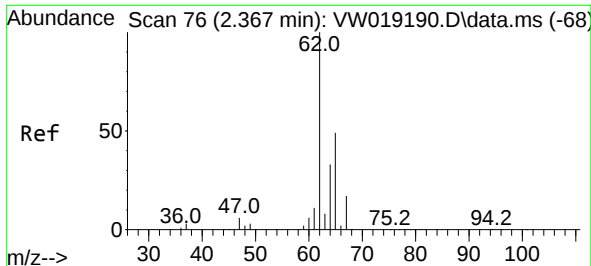
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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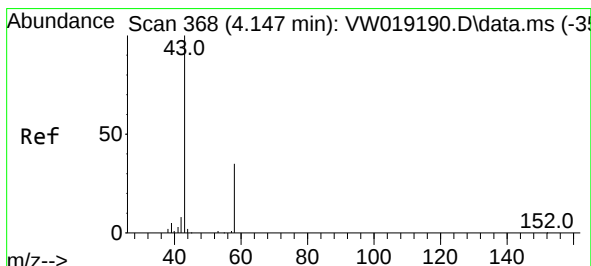
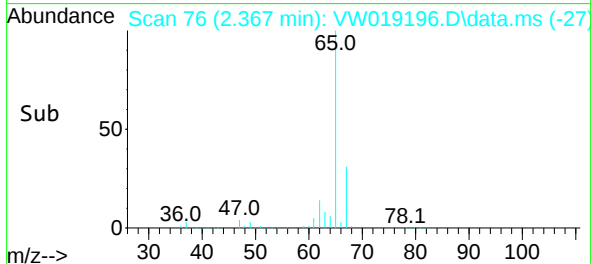
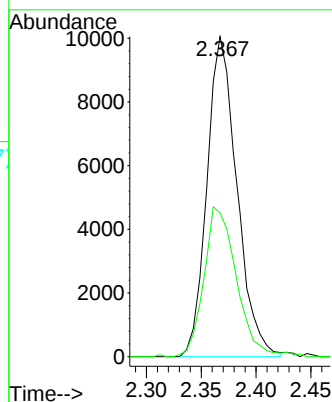
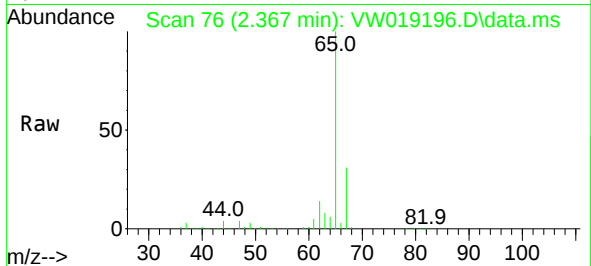




#5
 Vinyl chloride
 Concen: 2.045 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW019196.D
 Acq: 11 Jun 2021 14:41

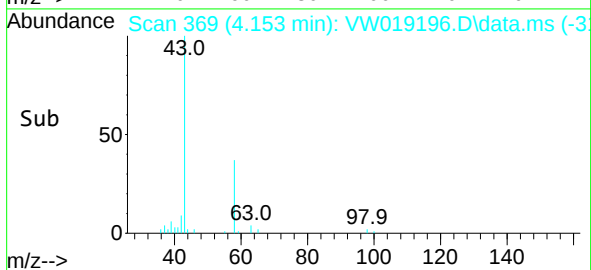
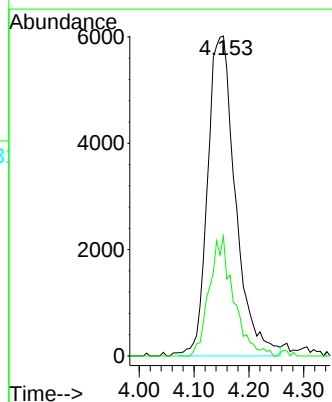
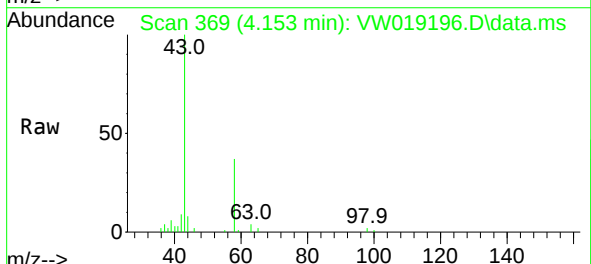
Instrument :
 MSVOA_W
 ClientSampled :
 BGD33

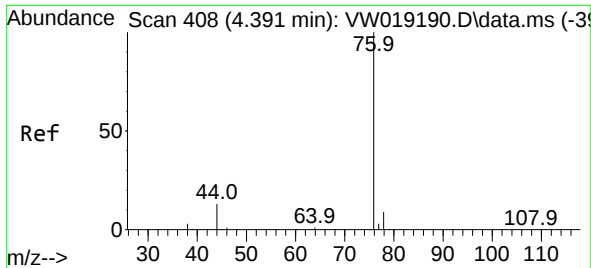
Tgt Ion: 62 Resp: 19099
 Ion Ratio Lower Upper
 62 100
 64 44.9 24.2 45.0



#13
 Acetone
 Concen: 13.509 ug/L
 RT: 4.153 min Scan# 369
 Delta R.T. 0.006 min
 Lab File: VW019196.D
 Acq: 11 Jun 2021 14:41

Tgt Ion: 43 Resp: 21183
 Ion Ratio Lower Upper
 43 100
 58 32.1 0.0 53.8

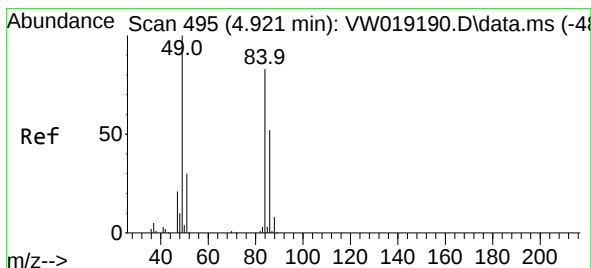
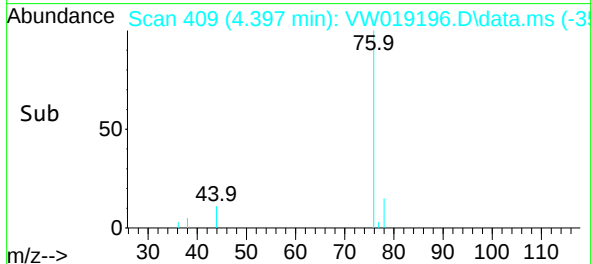
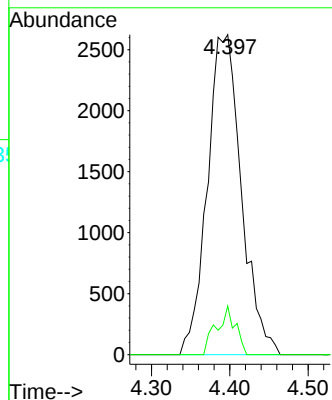
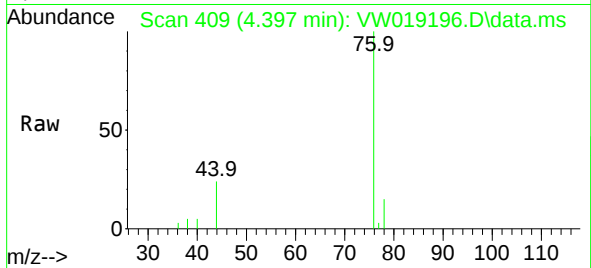




#14
Carbon disulfide
Concen: 0.346 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW019196.D
Acq: 11 Jun 2021 14:41

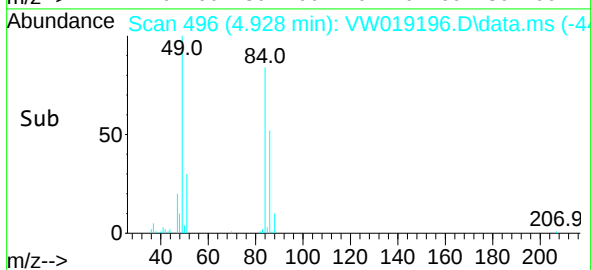
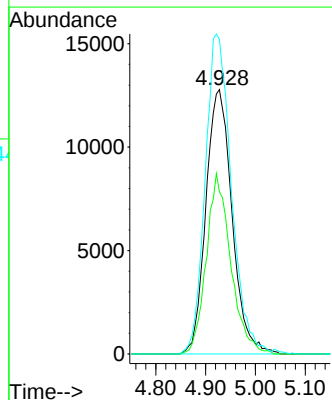
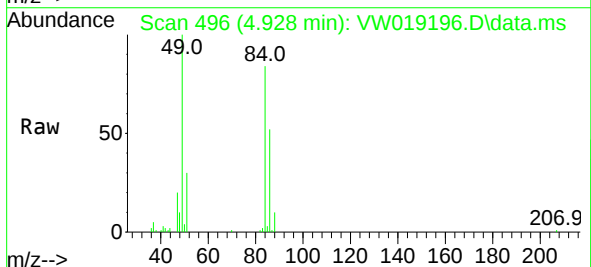
Instrument :
MSVOA_W
ClientSampled :
BGD33

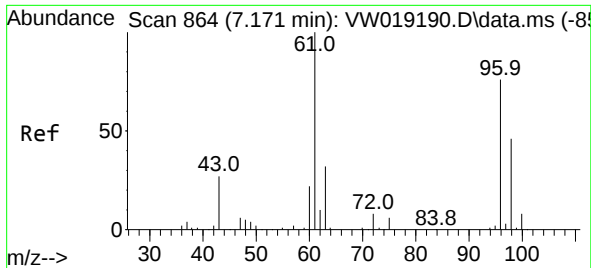
Tgt Ion: 76 Resp: 7933
Ion Ratio Lower Upper
76 100
78 15.2 7.4 11.0#



#16
Methylene chloride
Concen: 4.928 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019196.D
Acq: 11 Jun 2021 14:41

Tgt Ion: 84 Resp: 46716
Ion Ratio Lower Upper
84 100
86 61.4 45.3 84.1
49 119.0 86.6 160.8

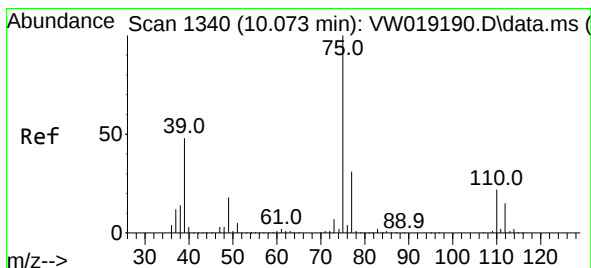
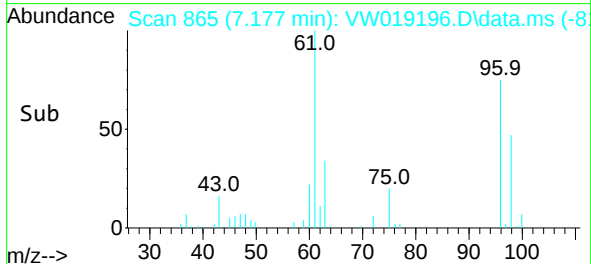
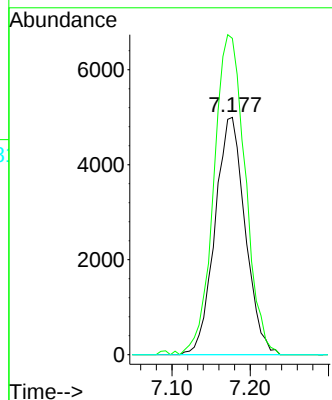
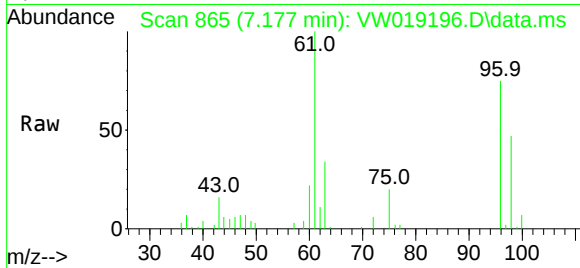




#20
 cis-1,2-Dichloroethene
 Concen: 1.648 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW019196.D
 Acq: 11 Jun 2021 14:41

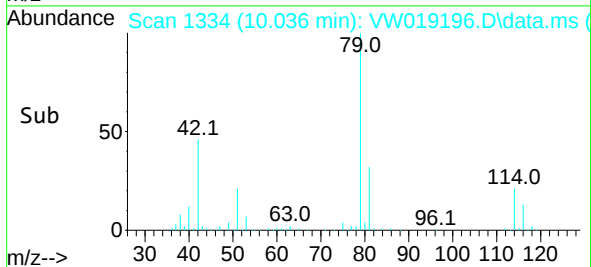
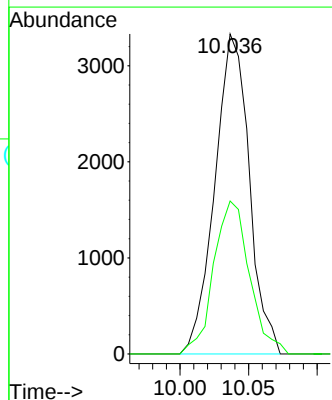
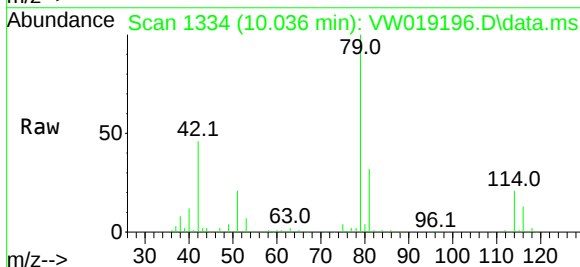
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 MSVOA_W
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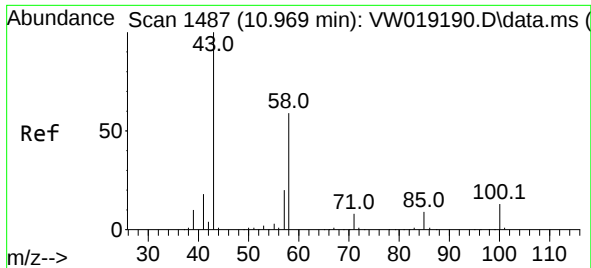
Tgt Ion: 96 Resp: 13396
 Ion Ratio Lower Upper
 96 100
 61 133.3 88.5 164.3
 68 0.0 0.0 0.0



#39
 cis-1,3-Dichloropropene
 Concen: 0.521 ug/L
 RT: 10.036 min Scan# 1334
 Delta R.T. -0.037 min
 Lab File: VW019196.D
 Acq: 11 Jun 2021 14:41

Tgt Ion: 75 Resp: 5819
 Ion Ratio Lower Upper
 75 100
 77 47.8 22.6 42.0#

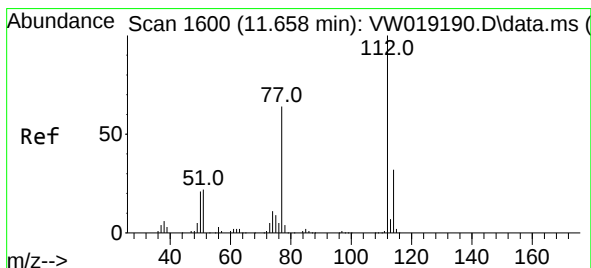
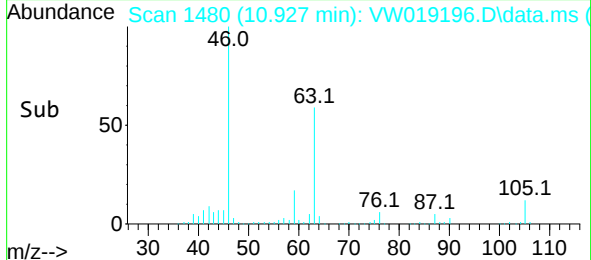
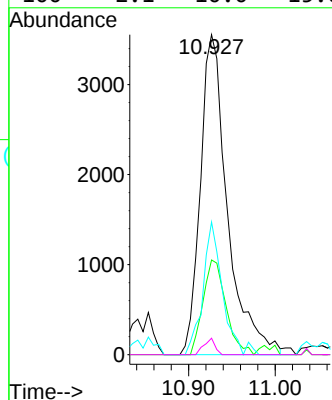
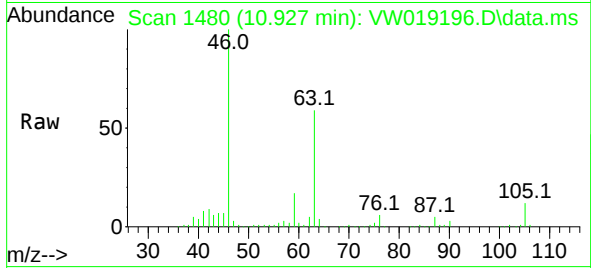




#48
2-Hexanone
Concen: 2.674 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW019196.D
Acq: 11 Jun 2021 14:41

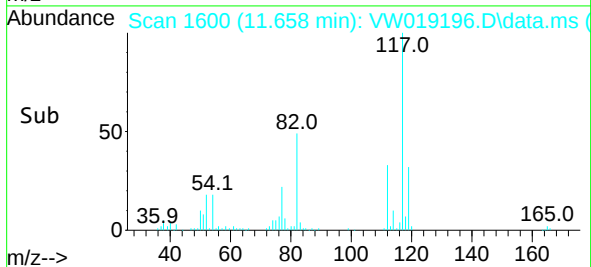
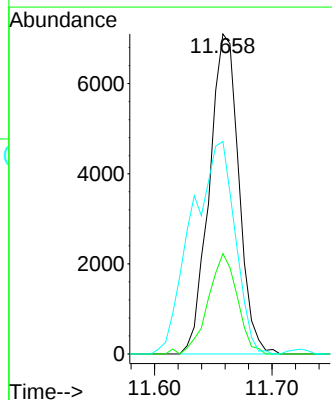
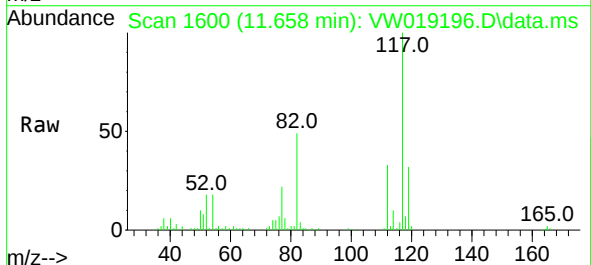
Instrument :
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ClientSampled :
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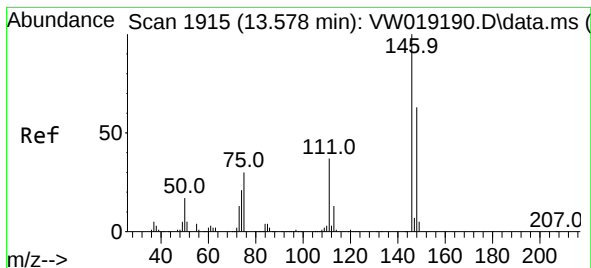
Tgt Ion:	43	Resp:	7718
Ion	Ratio	Lower	Upper
43	100		
58	24.9	42.7	64.1#
57	29.1	15.8	23.8#
100	2.1	10.0	15.0#



#51
Chlorobenzene
Concen: 0.636 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019196.D
Acq: 11 Jun 2021 14:41

Tgt Ion:	112	Resp:	12393
Ion	Ratio	Lower	Upper
112	100		
114	31.3	23.4	43.6
77	66.4	47.6	71.4

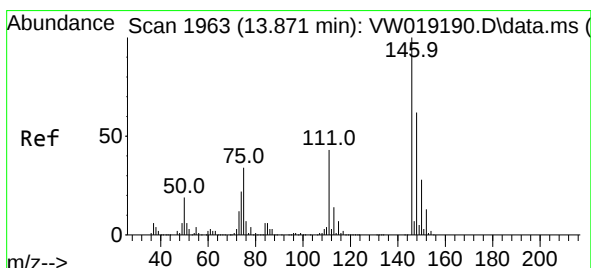
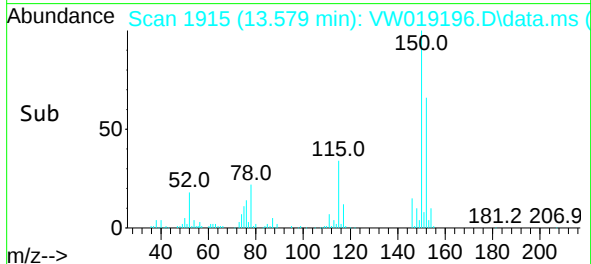
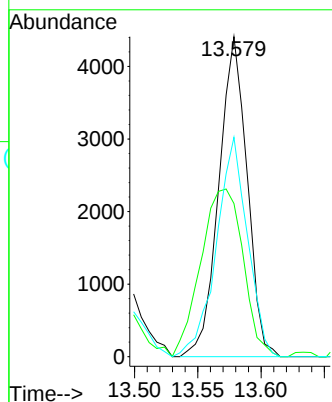
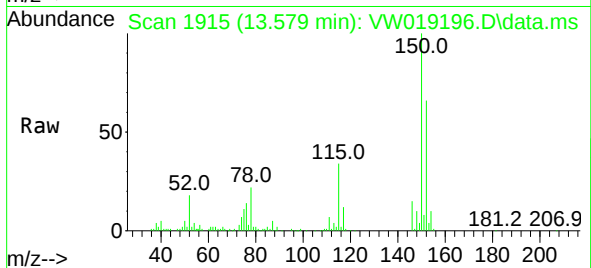




#65
1,4-Dichlorobenzene
Concen: 0.580 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019196.D
Acq: 11 Jun 2021 14:41

Instrument :
MSVOA_W
ClientSampled :
BGD33

Tgt Ion:146 Resp: 6848
Ion Ratio Lower Upper
146 100
111 47.8 28.8 53.4
148 68.5 46.8 87.0



#67
1,2-Dichlorobenzene
Concen: 0.992 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019196.D
Acq: 11 Jun 2021 14:41

Tgt Ion:146 Resp: 10303
Ion Ratio Lower Upper
146 100
111 50.0 33.2 49.8#
148 71.2 50.4 75.6

