

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018828.D
 Acq On : 28 Apr 2021 18:19
 Operator : SY/VA
 Sample : M2177-16
 Misc : 5.44G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 29 00:17:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 29 00:13:39 2021
 Response via : Initial Calibration

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

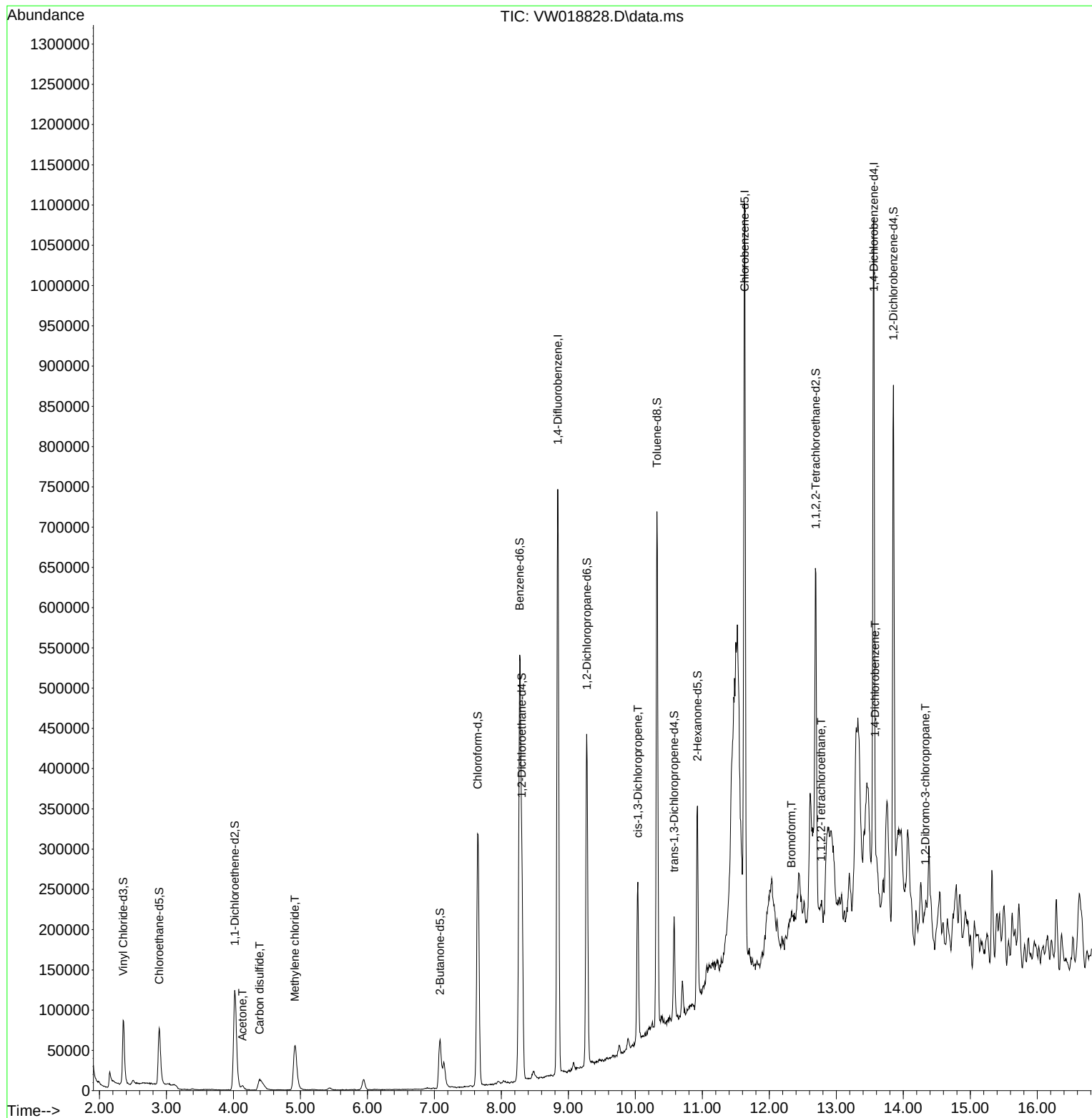
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	605327	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	504418	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	216564	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	100347	10.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	43.64%		
7) Chloroethane-d5	2.891	69	97026	11.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	47.60%		
11) 1,1-Dichloroethene-d2	4.019	63	140280	8.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	35.12%#		
21) 2-Butanone-d5	7.086	46	103070	49.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.44%		
24) Chloroform-d	7.647	84	321661	19.36	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.44%		
26) 1,2-Dichloroethane-d4	8.305	65	184993	19.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	79.24%		
32) Benzene-d6	8.275	84	527691	17.83	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	71.32%		
36) 1,2-Dichloropropane-d6	9.274	67	191473	21.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.88%		
41) Toluene-d8	10.323	98	431184	15.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	63.72%		
43) trans-1,3-Dichloroprop...	10.579	79	70327	18.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	74.08%		
47) 2-Hexanone-d5	10.927	63	91980	59.32	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	118.64%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	175806	23.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.44%		
66) 1,2-Dichlorobenzene-d4	13.853	152	169532	22.28	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.12%		
Target Compounds					Qvalue	
13) Acetone	4.135	43	9083	5.98	ug/L	91
14) Carbon disulfide	4.391	76	27204	1.15	ug/L	97
16) Methylene chloride	4.915	84	50941	5.13	ug/L	87
39) cis-1,3-Dichloropropene	10.036	75	5274	0.44	ug/L #	21
57) 1,1,2,2-Tetrachloroethane	12.774	83	4518	0.61	ug/L #	56
59) Bromoform	12.329	173	1346	0.44	ug/L #	55
65) 1,4-Dichlorobenzene	13.579	146	5702	0.42	ug/L #	5
68) 1,2-Dibromo-3-chloropr...	14.328	75	2104	2.05	ug/L #	28

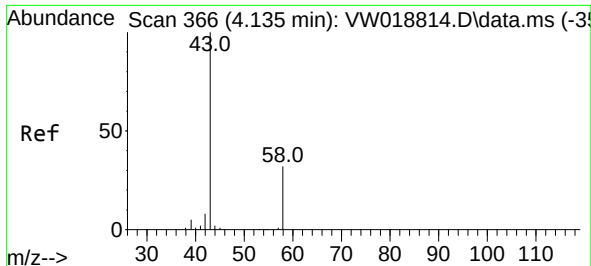
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.44G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 29 00:17:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 29 00:13:39 2021
Response via : Initial Calibration

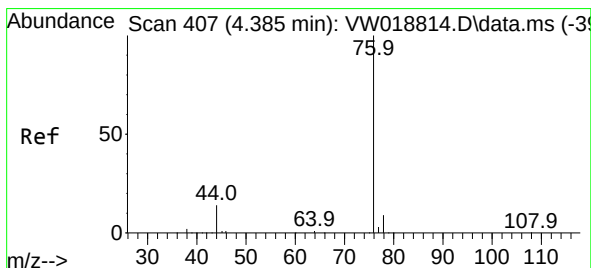
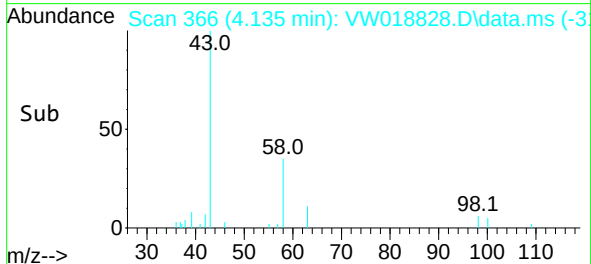
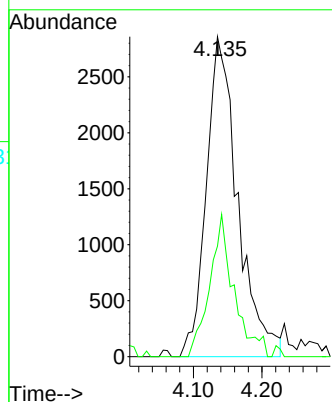
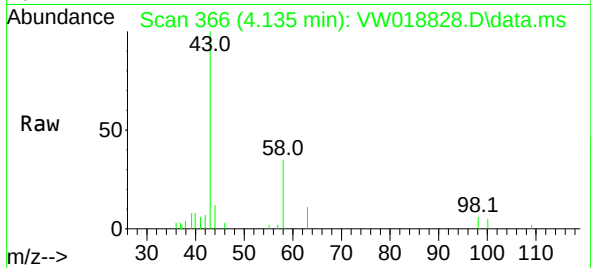




#13
Acetone
Concen: 5.98 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW018828.D
Acq: 28 Apr 2021 18:19

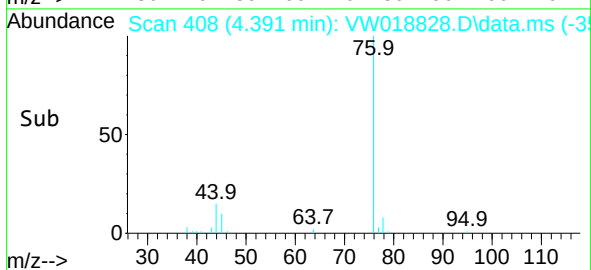
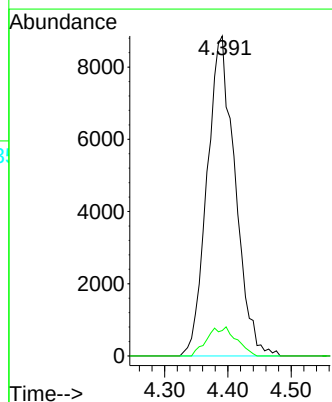
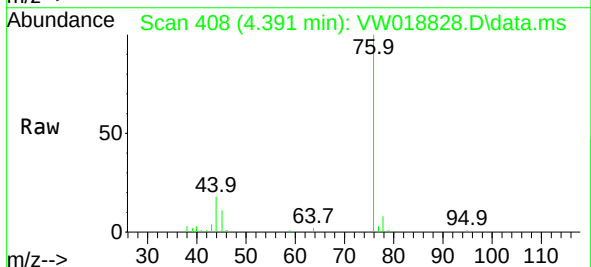
Instrument :
MSVOA_W
ClientSampled :

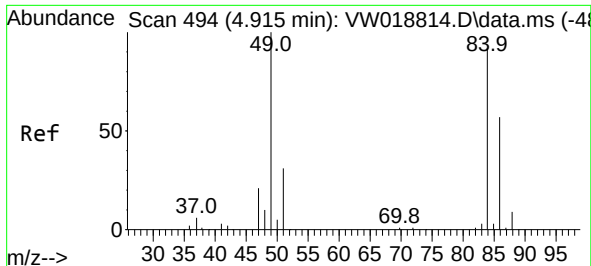
Tgt Ion: 43 Resp: 9083
Ion Ratio Lower Upper
43 100
58 31.7 0.0 53.8



#14
Carbon disulfide
Concen: 1.15 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018828.D
Acq: 28 Apr 2021 18:19

Tgt Ion: 76 Resp: 27204
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0

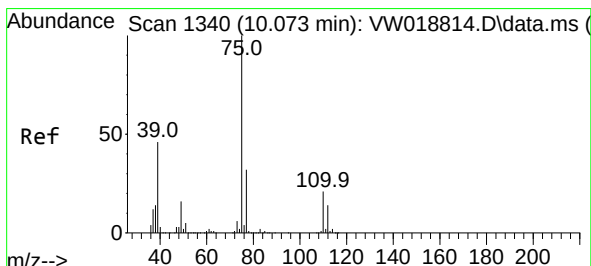
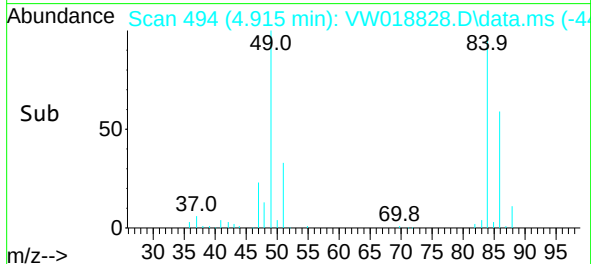
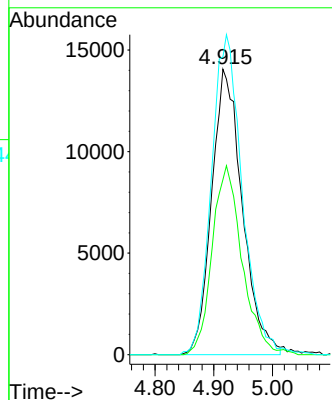
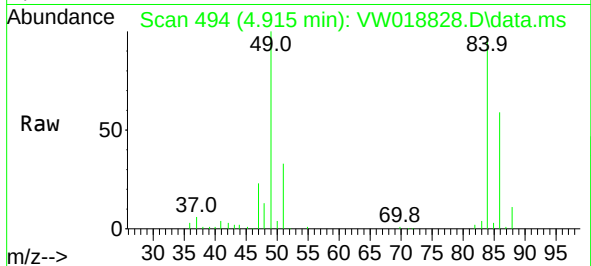




#16
Methylene chloride
Concen: 5.13 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018828.D
Acq: 28 Apr 2021 18:19

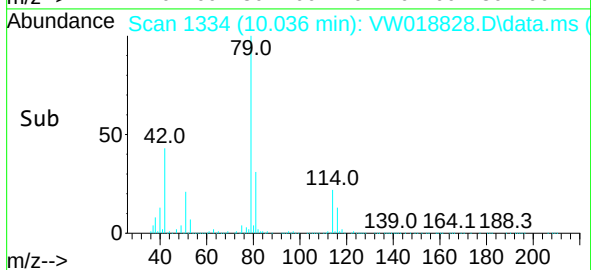
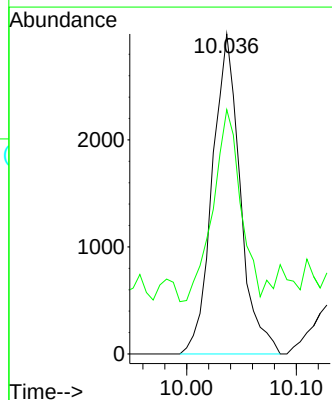
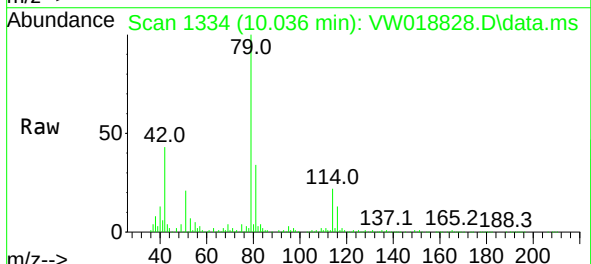
Instrument :
MSVOA_W
ClientSampled :

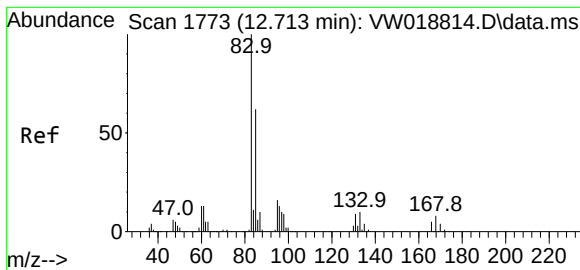
Tgt Ion: 84 Resp: 50941
Ion Ratio Lower Upper
84 100
86 61.3 45.3 84.1
49 104.3 86.6 160.8



#39
cis-1,3-Dichloropropene
Concen: 0.44 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018828.D
Acq: 28 Apr 2021 18:19

Tgt Ion: 75 Resp: 5274
Ion Ratio Lower Upper
75 100
77 76.4 22.6 42.0#

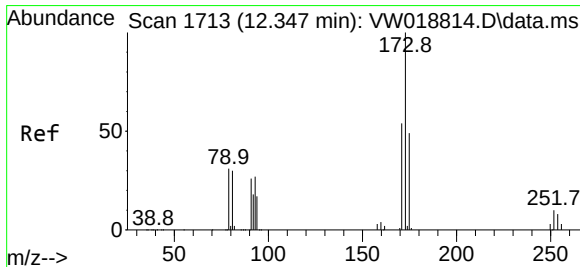
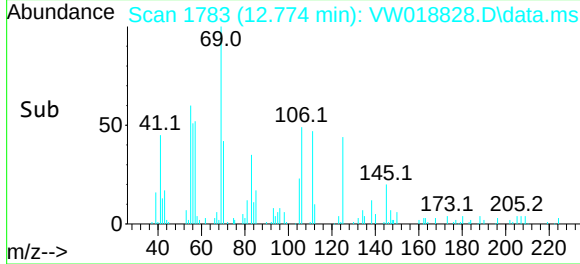
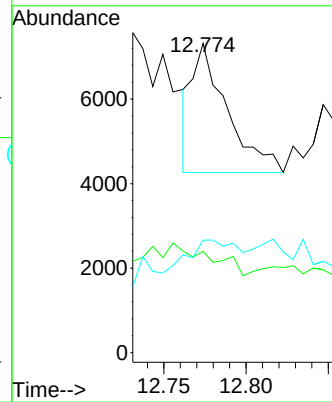
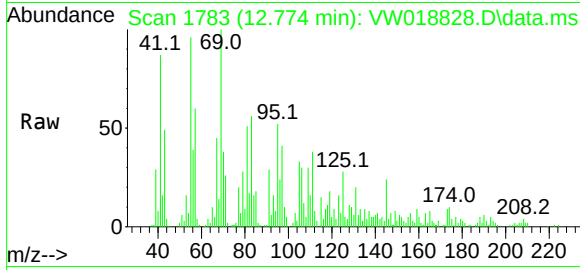




#57
1,1,2,2-Tetrachloroethane
Concen: 0.61 ug/L
RT: 12.774 min Scan# 1783
Delta R.T. 0.061 min
Lab File: VW018828.D
Acq: 28 Apr 2021 18:19

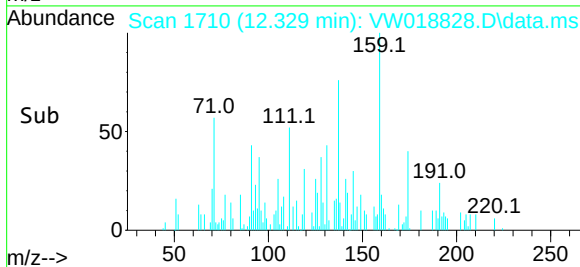
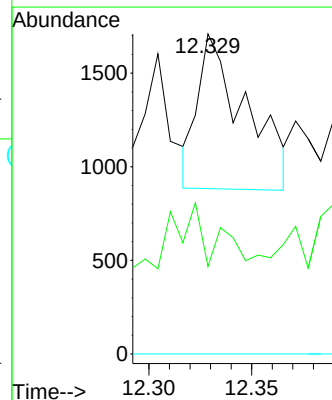
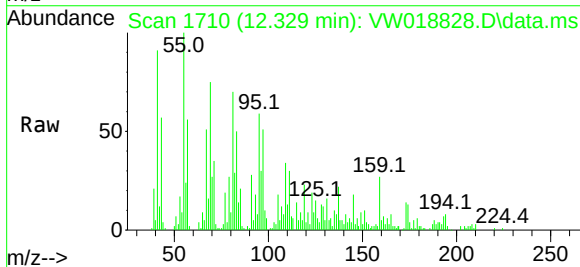
Instrument :
MSVOA_W
ClientSampled :

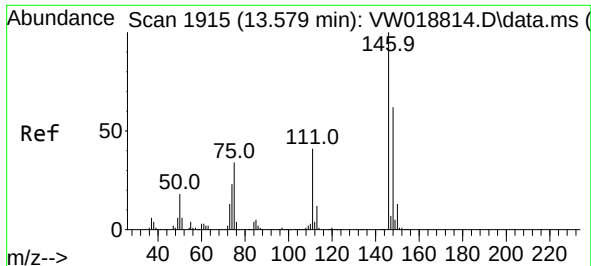
Tgt Ion: 83 Resp: 4518
Ion Ratio Lower Upper
83 100
85 32.7 44.4 82.4#
131 36.4 8.2 12.4#



#59
Bromoform
Concen: 0.44 ug/L
RT: 12.329 min Scan# 1710
Delta R.T. -0.018 min
Lab File: VW018828.D
Acq: 28 Apr 2021 18:19

Tgt Ion: 173 Resp: 1346
Ion Ratio Lower Upper
173 100
175 14.3 37.5 56.3#
254 0.0 7.0 10.4#

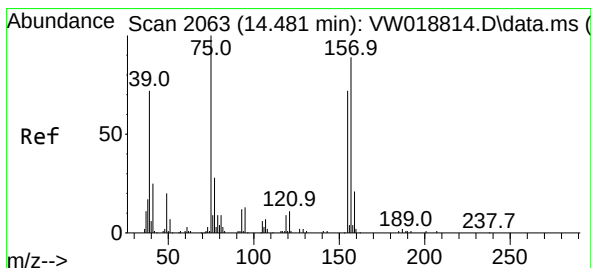
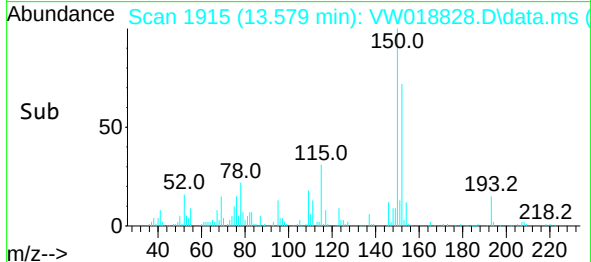
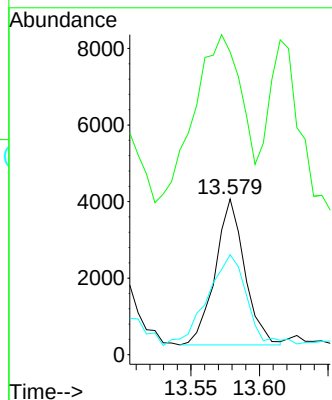
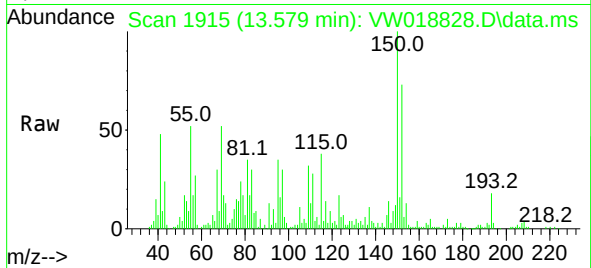




#65
1,4-Dichlorobenzene
Concen: 0.42 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018828.D
Acq: 28 Apr 2021 18:19

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:146 Resp: 5702
Ion Ratio Lower Upper
146 100
111 194.5 28.8 53.4#
148 64.3 46.8 87.0



#68
1,2-Dibromo-3-chloropropane
Concen: 2.05 ug/L
RT: 14.328 min Scan# 2038
Delta R.T. -0.152 min
Lab File: VW018828.D
Acq: 28 Apr 2021 18:19

Tgt Ion: 75 Resp: 2104
Ion Ratio Lower Upper
75 100
155 95.1 59.4 89.0#
157 194.1 72.2 108.2#

