

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
 Data File : VW018897.D
 Acq On : 03 May 2021 14:33
 Operator : SY/VA
 Sample : M2232-09RE
 Misc : 3.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 04 01:16:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 04 01:15:32 2021
 Response via : Initial Calibration

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

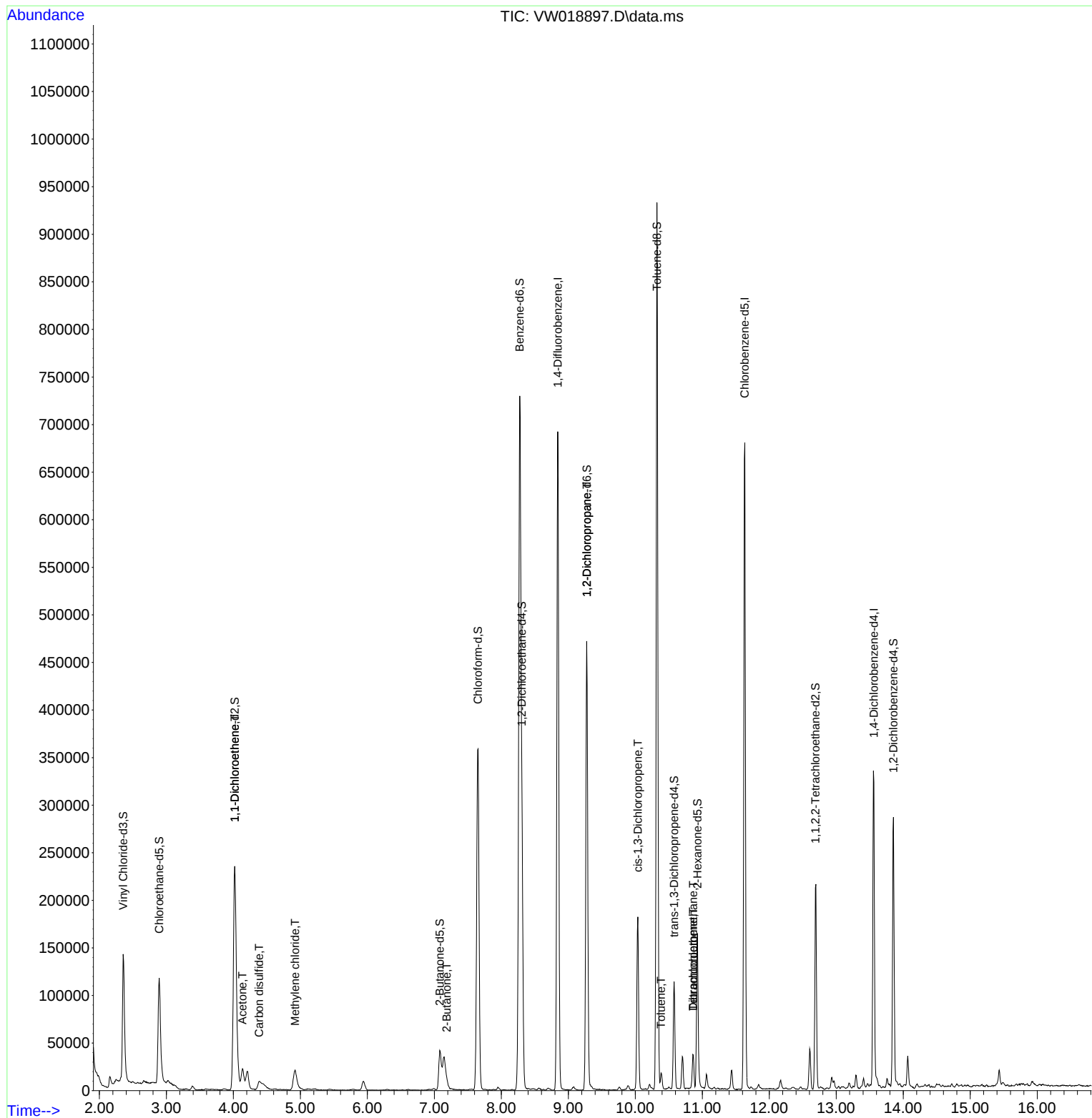
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	573169	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	366917	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	81839	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	174144	23.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.72%		
7) Chloroethane-d5	2.891	69	152551	26.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	107.12%		
11) 1,1-Dichloroethene-d2	4.019	63	271595	18.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.40%		
21) 2-Butanone-d5	7.080	46	70515	36.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.64%		
24) Chloroform-d	7.653	84	369691	24.57	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.28%		
26) 1,2-Dichloroethane-d4	8.305	65	197853	23.55	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.20%		
32) Benzene-d6	8.275	84	744227	35.90	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	143.60%#		
36) 1,2-Dichloropropane-d6	9.274	67	212361	34.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	138.12%#		
41) Toluene-d8	10.323	98	594266	30.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	122.96%		
43) trans-1,3-Dichloroprop...	10.579	79	62994	22.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.16%		
47) 2-Hexanone-d5	10.927	63	55592	50.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.96%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	104824	20.11	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.44%		
66) 1,2-Dichlorobenzene-d4	13.853	152	69754	24.87	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.48%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.019	96	2313	0.31	ug/L #	1
13) Acetone	4.135	43	39242	26.74	ug/L	87
14) Carbon disulfide	4.385	76	21945	1.00	ug/L	97
16) Methylene chloride	4.922	84	16849	1.78	ug/L	96
22) 2-Butanone	7.183	43	15690	7.71	ug/L	95
37) 1,2-Dichloropropane	9.274	63	25370	4.79	ug/L #	85
39) cis-1,3-Dichloropropene	10.036	75	4735	0.56	ug/L #	58
42) Toluene	10.384	91	11837	0.49	ug/L	99
46) Tetrachloroethene	10.866	164	7234	1.64	ug/L	91
49) Dibromochloromethane	10.866	129	7458	1.64	ug/L #	13

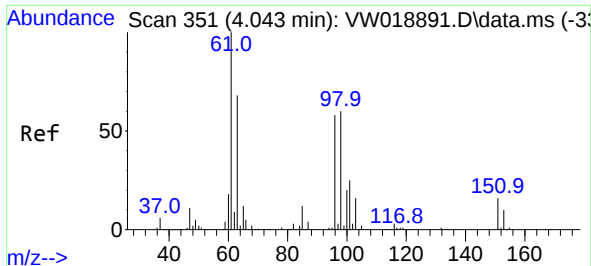
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 3.10G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: May 04 01:16:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 04 01:15:32 2021
Response via : Initial Calibration

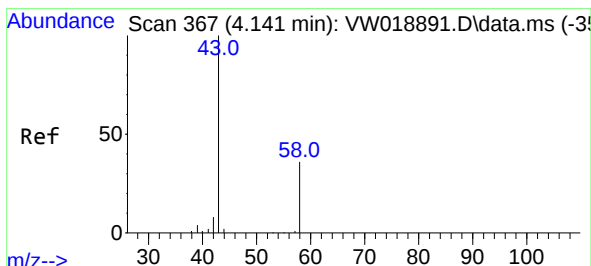
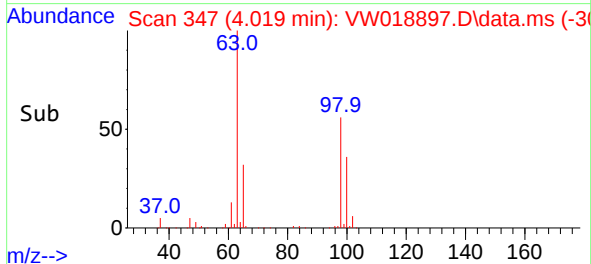
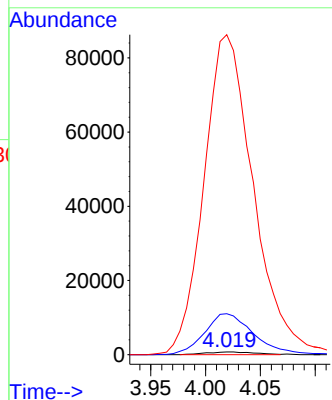
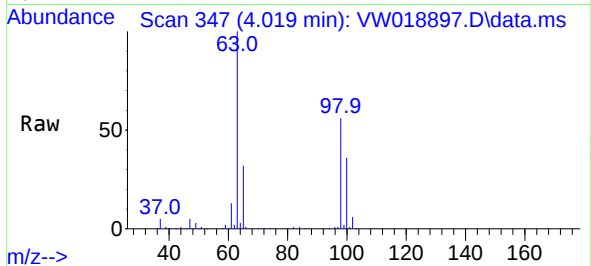




#12
1,1-Dichloroethene
Concen: 0.31 ug/L
RT: 4.019 min Scan# 347
Delta R.T. -0.024 min
Lab File: VW018897.D
Acq: 03 May 2021 14:33

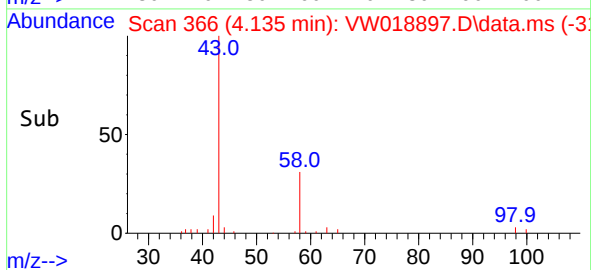
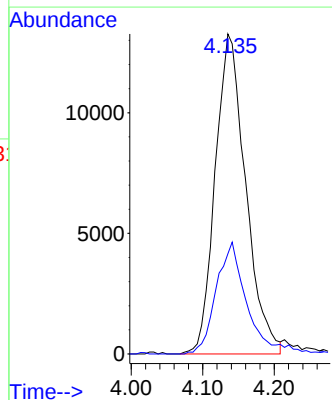
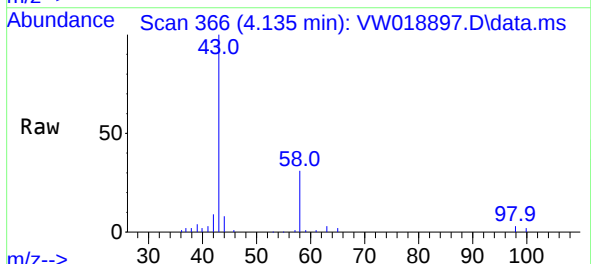
Instrument :
MSVOA_W
ClientSampled :

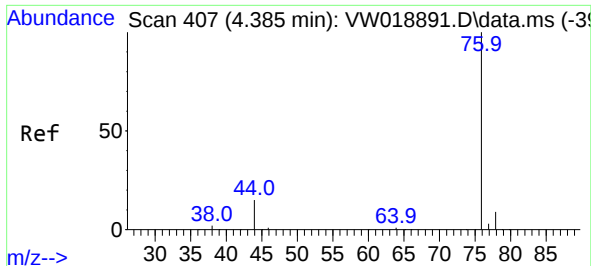
Tgt Ion: 96 Resp: 2313
Ion Ratio Lower Upper
96 100
61 1473.4 118.1 219.3#
63 11516.2 83.7 155.5#



#13
Acetone
Concen: 26.74 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW018897.D
Acq: 03 May 2021 14:33

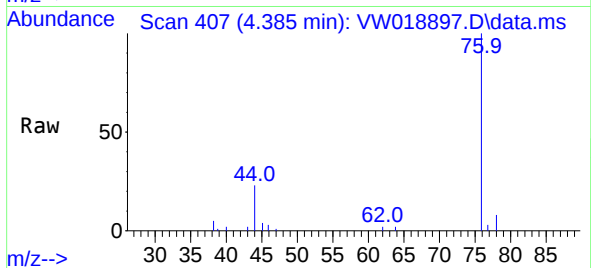
Tgt Ion: 43 Resp: 39242
Ion Ratio Lower Upper
43 100
58 33.8 0.0 53.8



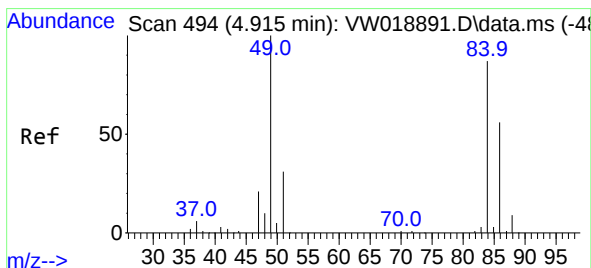
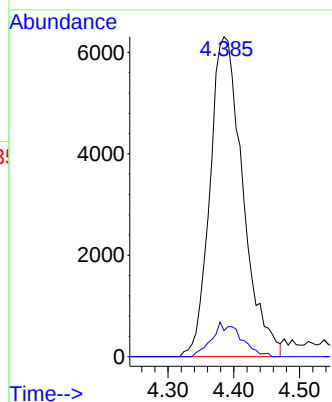
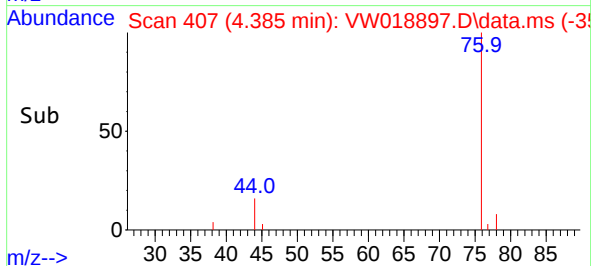


#14
Carbon disulfide
Concen: 1.00 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018897.D
Acq: 03 May 2021 14:33

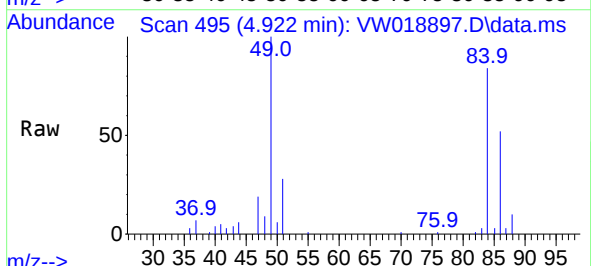
Instrument :
MSVOA_W
ClientSampled :



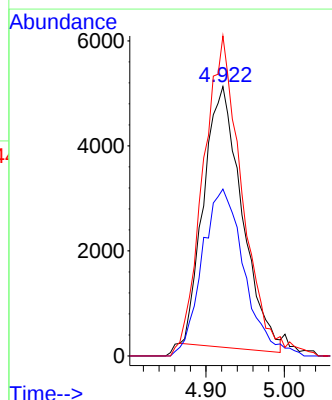
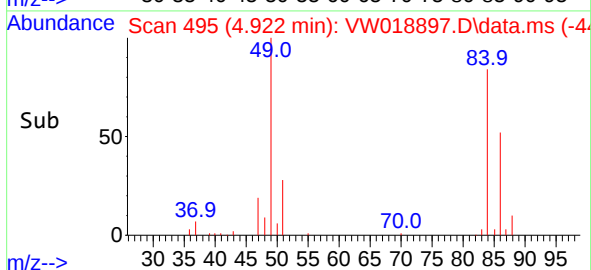
Tgt Ion: 76 Resp: 21945
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

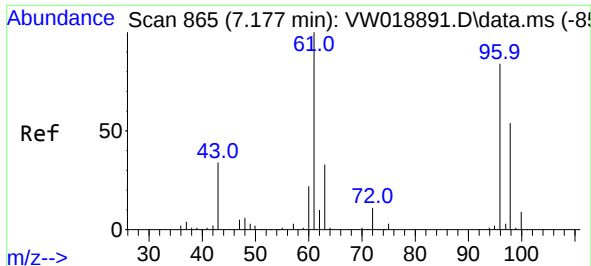


#16
Methylene chloride
Concen: 1.78 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018897.D
Acq: 03 May 2021 14:33



Tgt Ion: 84 Resp: 16849
Ion Ratio Lower Upper
84 100
86 61.9 45.3 84.1
49 118.8 86.6 160.8

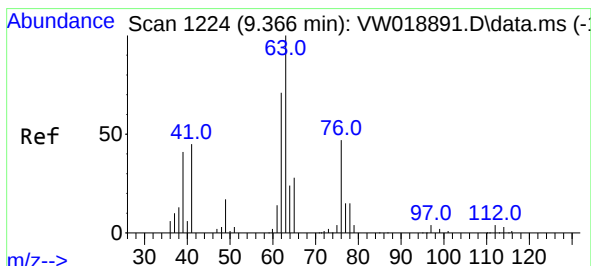
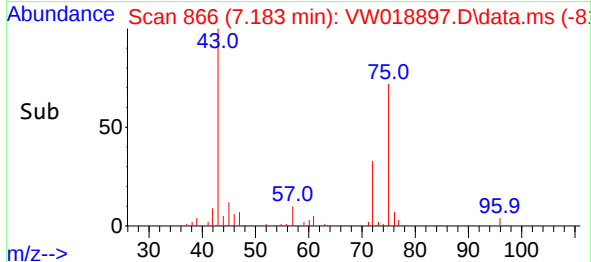
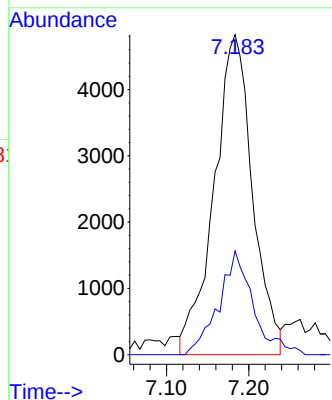
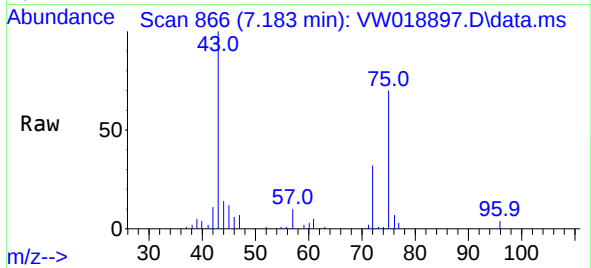




#22
2-Butanone
Concen: 7.71 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW018897.D
Acq: 03 May 2021 14:33

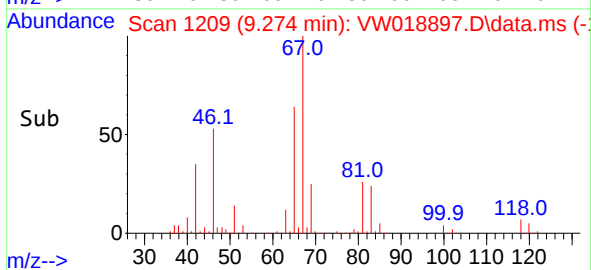
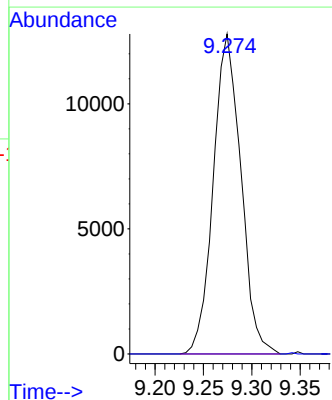
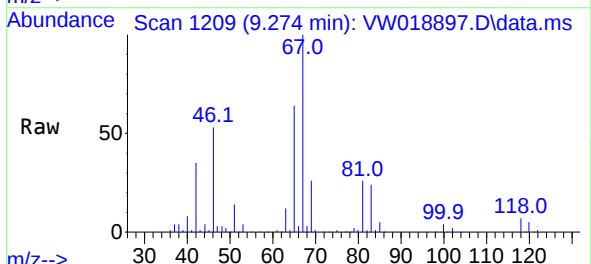
Instrument :
MSVOA_W
ClientSampled :

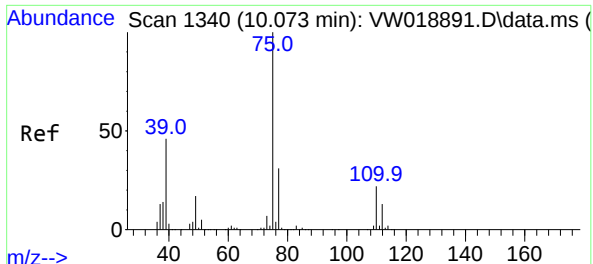
Tgt Ion: 43 Resp: 15690
Ion Ratio Lower Upper
43 100
72 27.1 14.9 44.7



#37
1,2-Dichloropropane
Concen: 4.79 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018897.D
Acq: 03 May 2021 14:33

Tgt Ion: 63 Resp: 25370
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

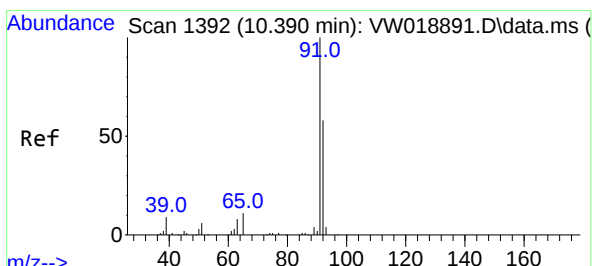
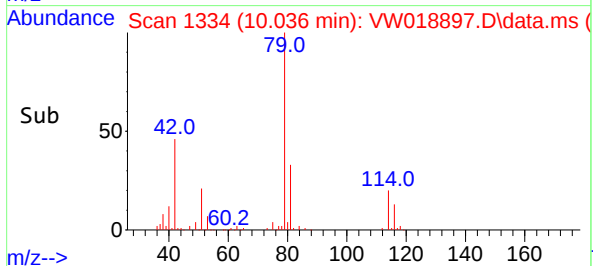
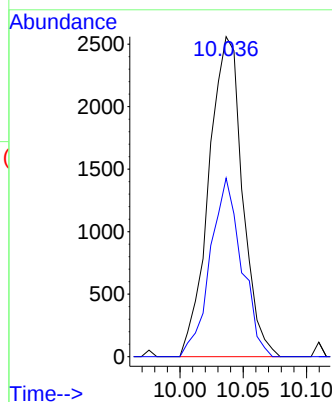
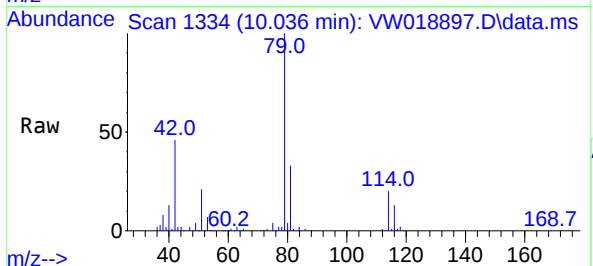




#39
cis-1,3-Dichloropropene
Concen: 0.56 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018897.D
Acq: 03 May 2021 14:33

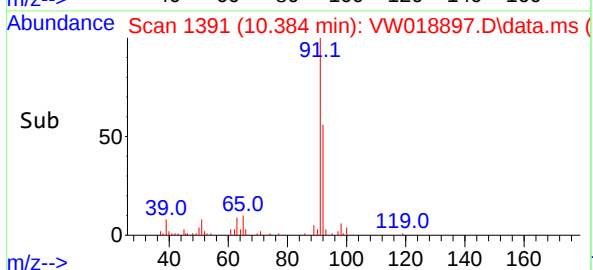
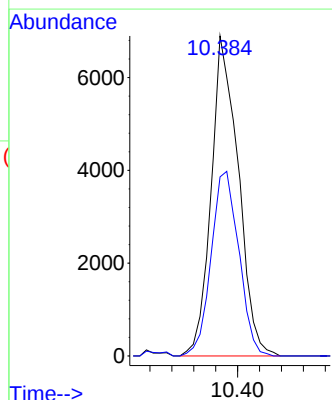
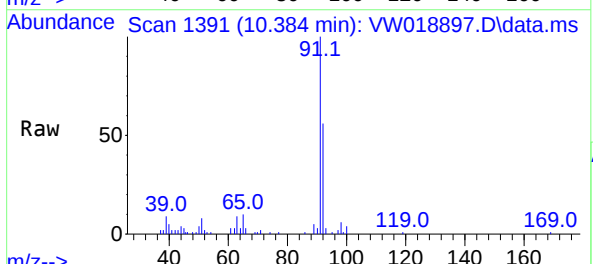
Instrument :
MSVOA_W
ClientSampled :

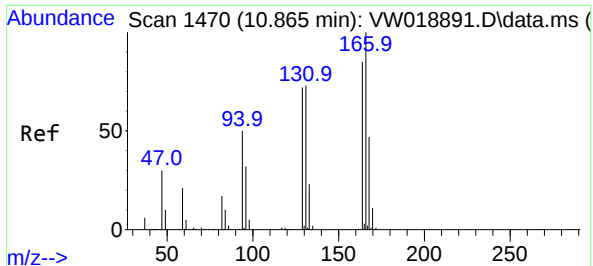
Tgt Ion: 75 Resp: 4735
Ion Ratio Lower Upper
75 100
77 55.8 22.6 42.0#



#42
Toluene
Concen: 0.49 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018897.D
Acq: 03 May 2021 14:33

Tgt Ion: 91 Resp: 11837
Ion Ratio Lower Upper
91 100
92 56.0 39.5 73.3



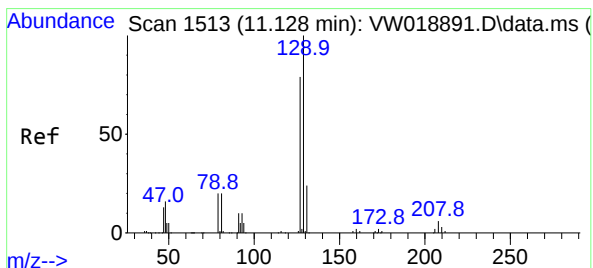
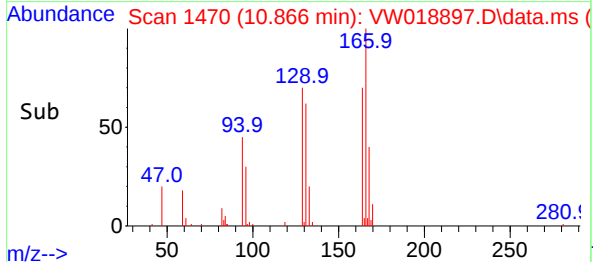
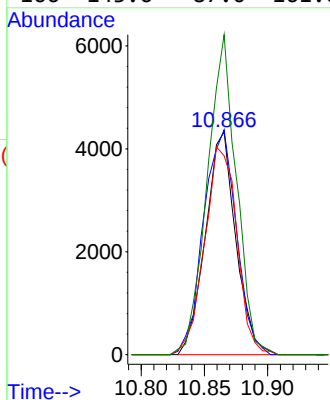
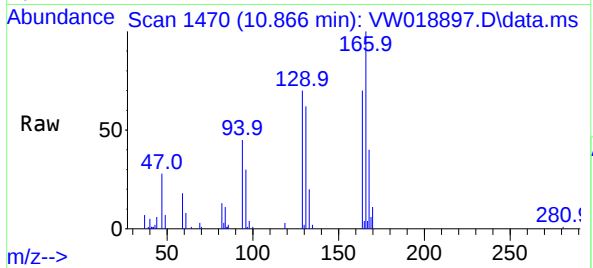


#46
Tetrachloroethene
Concen: 1.64 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW018897.D
Acq: 03 May 2021 14:33

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:164 Resp: 7234

Ion	Ratio	Lower	Upper
164	100		
129	100.9	66.7	123.9
131	89.2	61.1	113.5
166	143.6	87.0	161.6



#49
Dibromochloromethane
Concen: 1.64 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW018897.D
Acq: 03 May 2021 14:33

Tgt Ion:129 Resp: 7458

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.7	95.9#

