

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
 Data File : VW018071.D
 Acq On : 10 Feb 2021 18:45
 Operator : SY/VA
 Sample : M1371-05MS
 Misc : 6.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:59:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 11 00:57:43 2021
 Response via : Initial Calibration

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

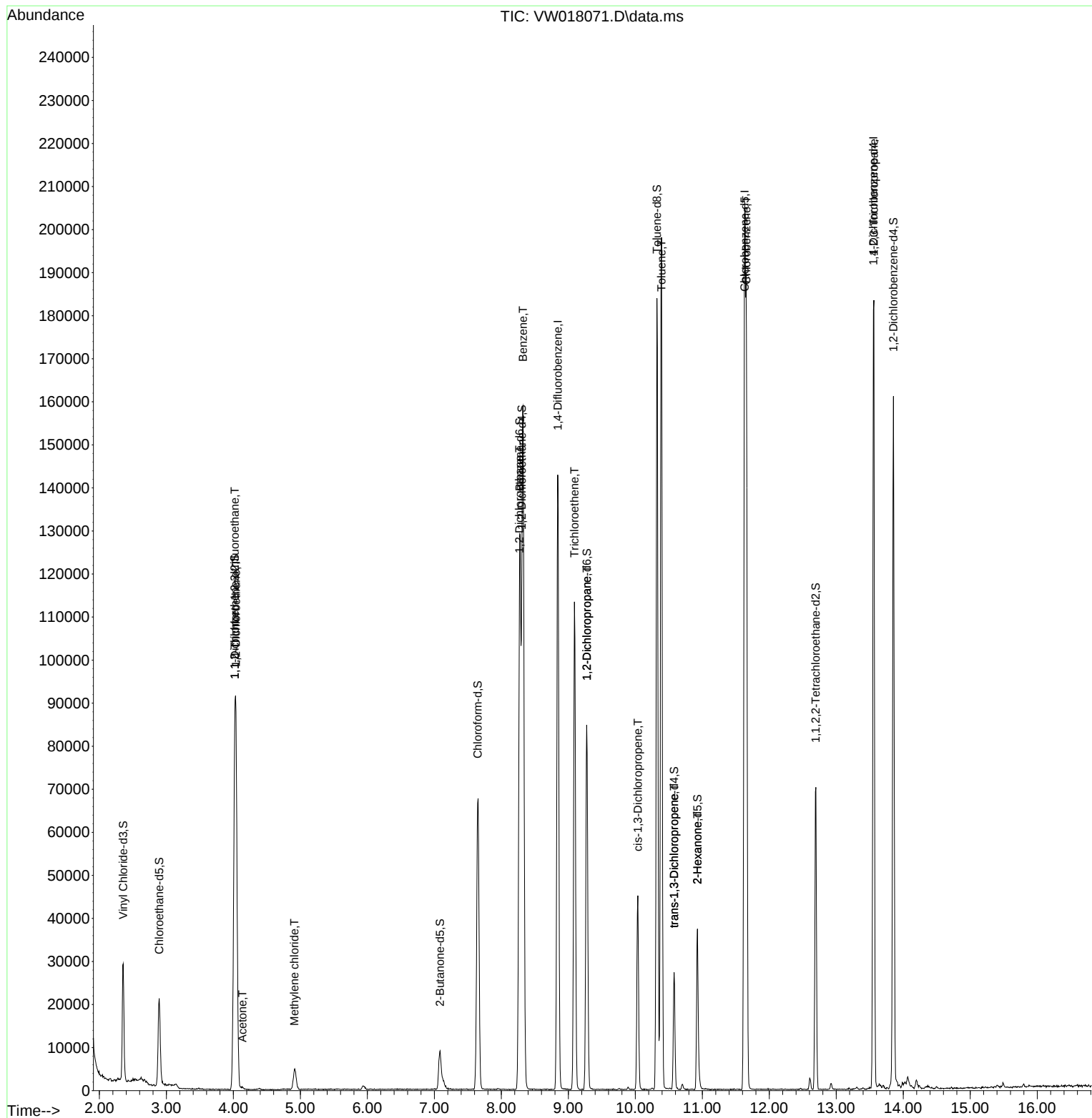
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	128397	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	111764	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	52948	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	28988	18.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.68%		
7) Chloroethane-d5	2.891	69	25333	20.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.00%		
10) 1,1-Dichloroethene-d2	4.019	63	68743	21.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.20%		
20) 2-Butanone-d5	7.086	46	15149	35.57	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	71.14%		
24) Chloroform-d	7.647	84	72538	21.53	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.12%		
26) 1,2-Dichloroethane-d4	8.305	65	38758	21.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.40%		
29) Benzene-d6	8.275	84	139850	22.79	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.16%		
33) 1,2-Dichloropropane-d6	9.274	67	40322	23.49	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.96%		
37) Toluene-d8	10.323	98	126565	21.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.72%		
38) trans-1,3-Dichloroprop...	10.579	79	15858	20.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.52%		
39) 2-Hexanone-d5	10.927	63	12222	37.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.48%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	34132	22.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.56%		
61) 1,2-Dichlorobenzene-d4	13.853	152	43304	22.93	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.72%		
Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-...	4.019	101	578	0.32	ug/L #	35
12) 1,1-Dichloroethene	4.038	96	35351	20.61	ug/L	96
13) Acetone	4.135	43	571	1.81	ug/L	100
16) Methylene chloride	4.909	84	3986	1.94	ug/L	73
27) 1,2-Dichloroethane	8.269	62	482	0.23	ug/L #	73
34) Benzene	8.323	78	141991	21.74	ug/L	100
35) Trichloroethene	9.092	95	39668	21.55	ug/L	99
40) 1,2-Dichloropropane	9.274	63	4365	2.91	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	1081	0.45	ug/L #	63
44) Toluene	10.390	91	151566	21.08	ug/L	99
45) trans-1,3-Dichloropropene	10.579	75	736	0.35	ug/L #	76
49) 2-Hexanone	10.927	43	1778	2.75	ug/L #	60
52) Chlorobenzene	11.658	112	97658	20.62	ug/L	94
59) 1,2,3-Trichloropropane	13.560	75	5260	4.59	ug/L	97

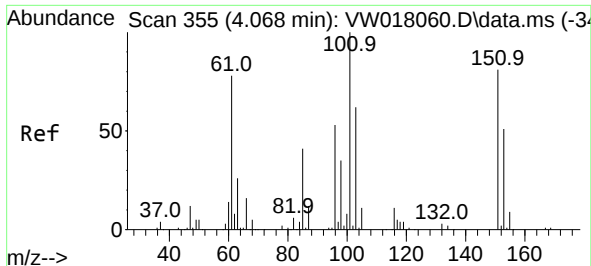
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
Data File : VW018071.D
Acq On : 10 Feb 2021 18:45
Operator : SY/VA
Sample : M1371-05MS
Misc : 6.72G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Feb 11 00:59:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 11 00:57:43 2021
Response via : Initial Calibration

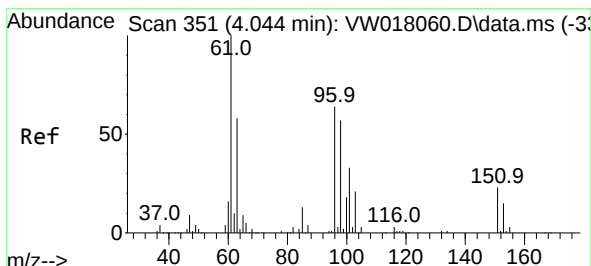
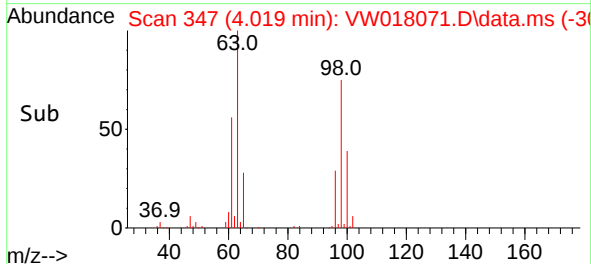
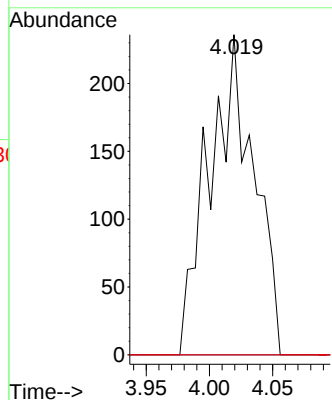
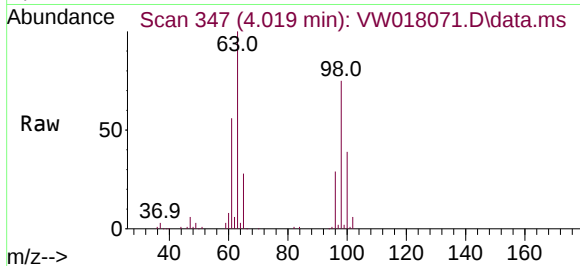




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.32 ug/L
 RT: 4.019 min Scan# 347
 Delta R.T. -0.049 min
 Lab File: VW018071.D
 Acq: 10 Feb 2021 18:45

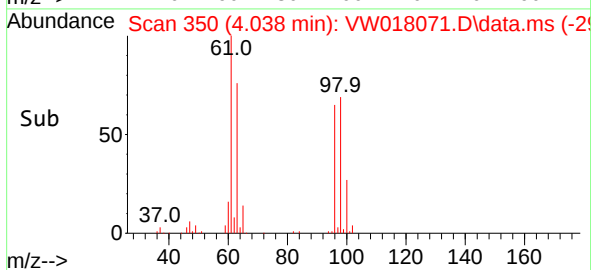
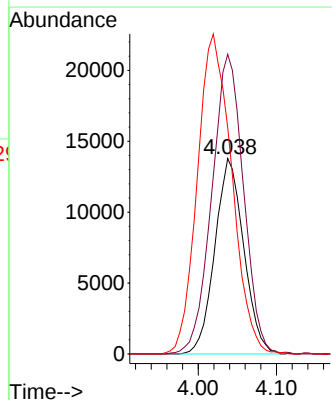
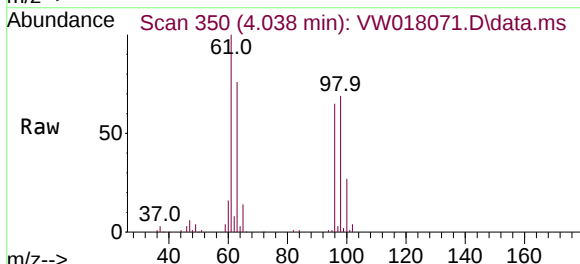
Instrument :
 MSVOA_W
 ClientSampled :

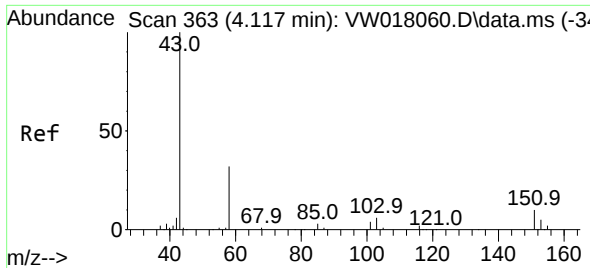
Tgt Ion:101 Resp: 578
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.4#
 151 0.0 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 20.61 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW018071.D
 Acq: 10 Feb 2021 18:45

Tgt Ion: 96 Resp: 35351
 Ion Ratio Lower Upper
 96 100
 61 153.3 112.5 208.9
 63 115.8 83.1 154.3

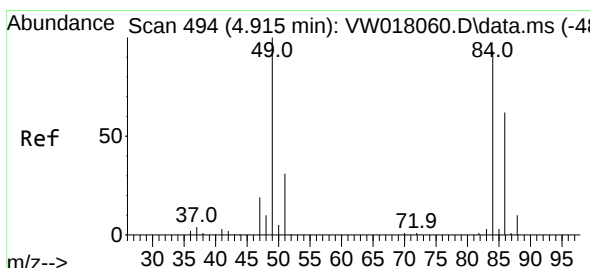
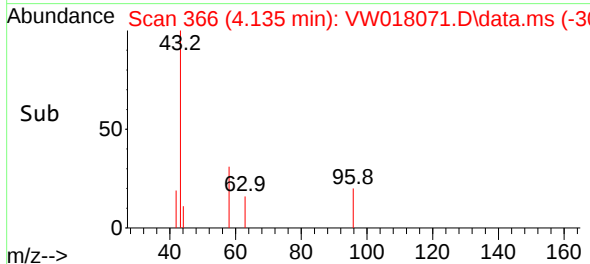
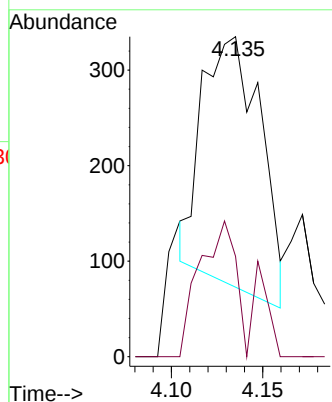
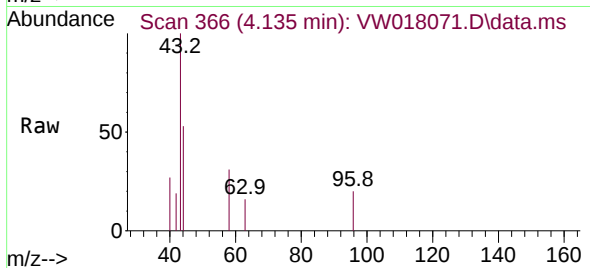




#13
Acetone
Concen: 1.81 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW018071.D
Acq: 10 Feb 2021 18:45

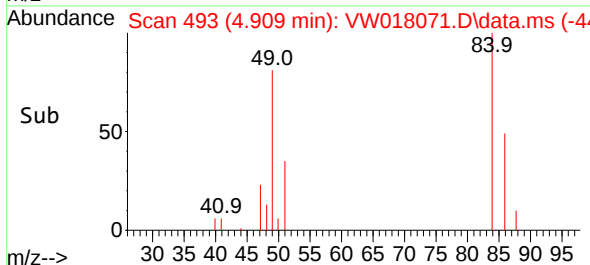
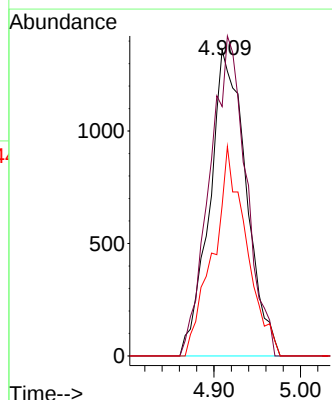
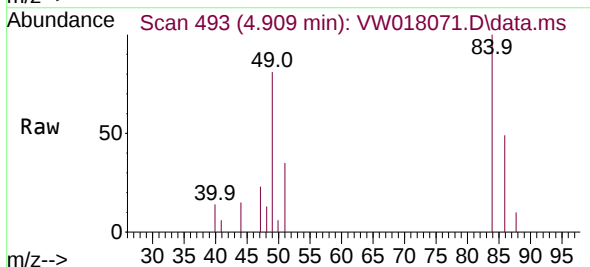
Instrument :
MSVOA_W
ClientSampled :

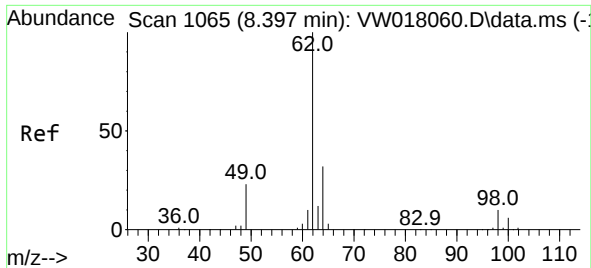
Tgt Ion: 43 Resp: 571
Ion Ratio Lower Upper
43 100
58 34.2 0.0 68.4



#16
Methylene chloride
Concen: 1.94 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018071.D
Acq: 10 Feb 2021 18:45

Tgt Ion: 84 Resp: 3986
Ion Ratio Lower Upper
84 100
49 81.5 81.2 150.8
86 49.2 44.5 82.7





#27

1,2-Dichloroethane

Concen: 0.23 ug/L

RT: 8.269 min Scan# 1044

Delta R.T. -0.128 min

Lab File: VW018071.D

Acq: 10 Feb 2021 18:45

Tgt Ion: 62 Resp: 482

Ion Ratio Lower Upper

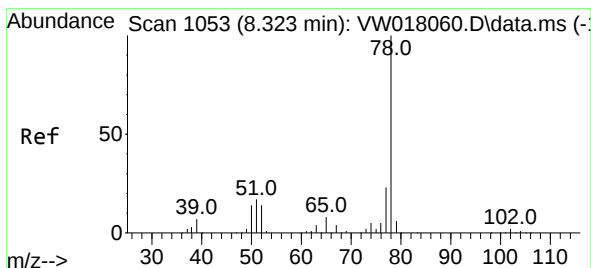
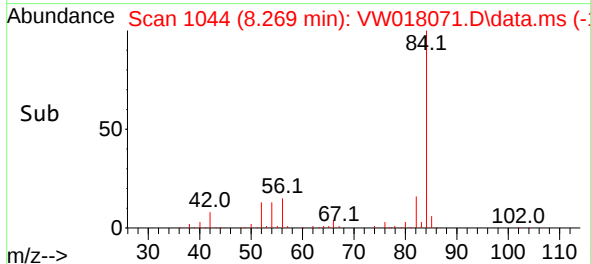
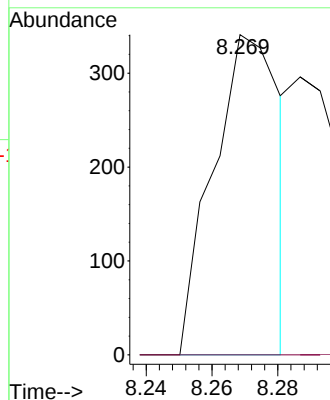
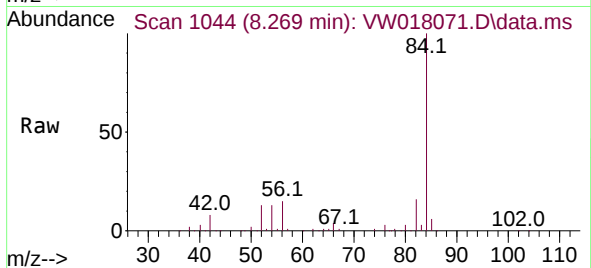
62 100

98 0.0 8.0 12.0#

Instrument :

MSVOA_W

ClientSampled :



#34

Benzene

Concen: 21.74 ug/L

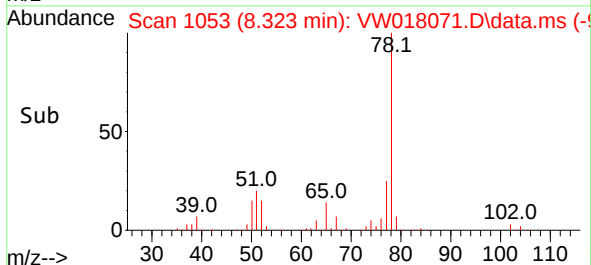
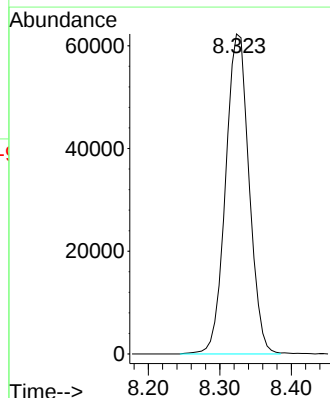
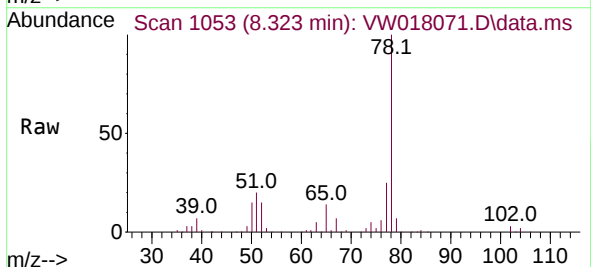
RT: 8.323 min Scan# 1053

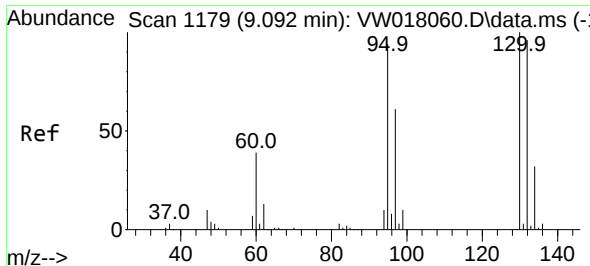
Delta R.T. 0.000 min

Lab File: VW018071.D

Acq: 10 Feb 2021 18:45

Tgt Ion: 78 Resp: 141991

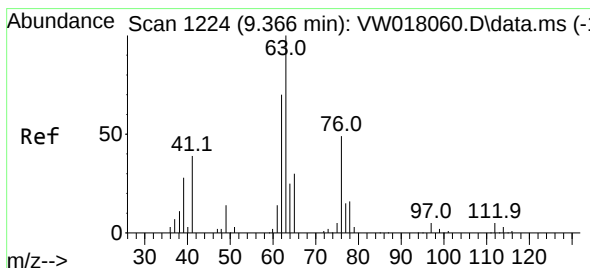
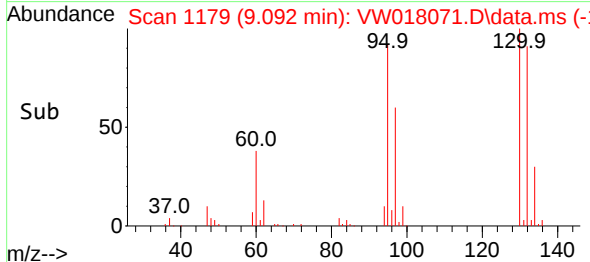
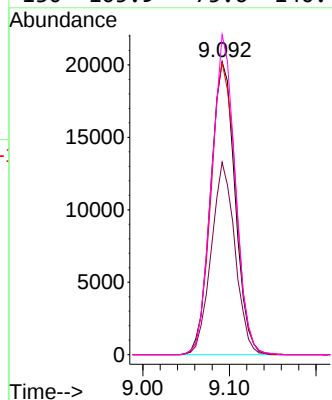
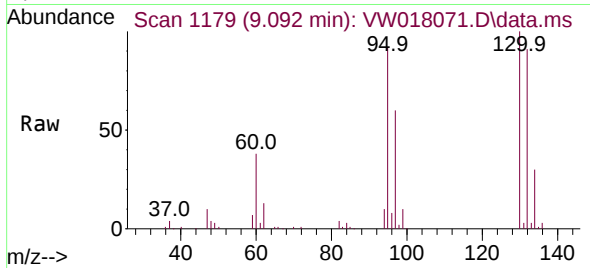




#35
Trichloroethene
Concen: 21.55 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018071.D
Acq: 10 Feb 2021 18:45

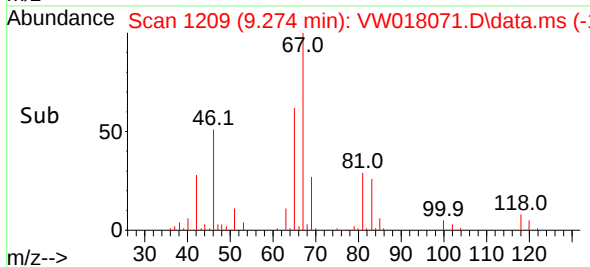
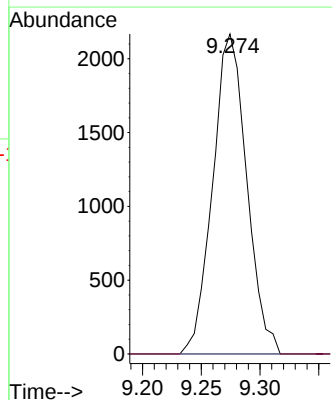
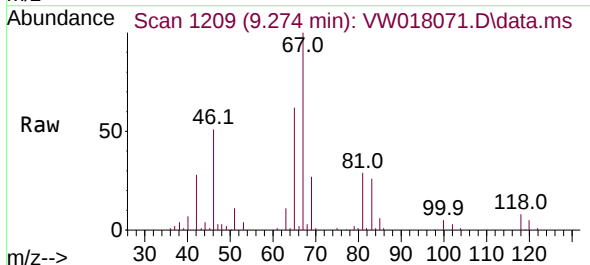
Instrument :
MSVOA_W
ClientSampled :

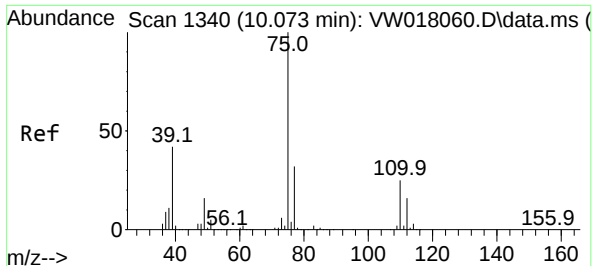
Tgt Ion: 95 Resp: 39668
Ion Ratio Lower Upper
95 100
97 63.8 45.0 83.6
132 100.9 71.0 131.8
130 105.9 75.6 140.4



#40
1,2-Dichloropropane
Concen: 2.91 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018071.D
Acq: 10 Feb 2021 18:45

Tgt Ion: 63 Resp: 4365
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

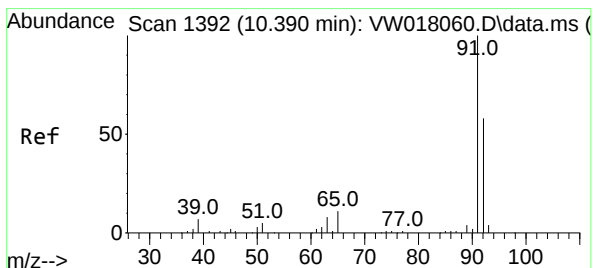
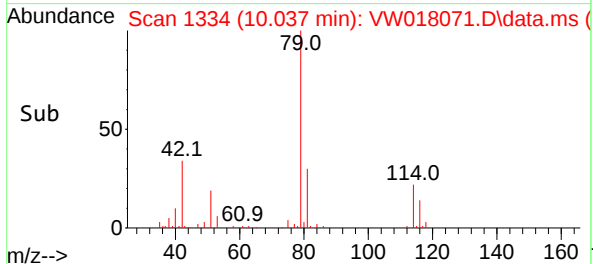
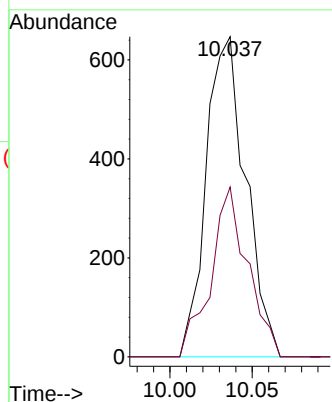
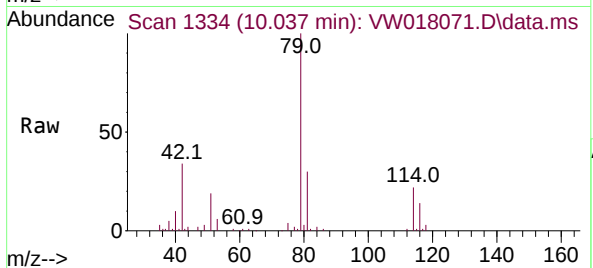




#42
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018071.D
Acq: 10 Feb 2021 18:45

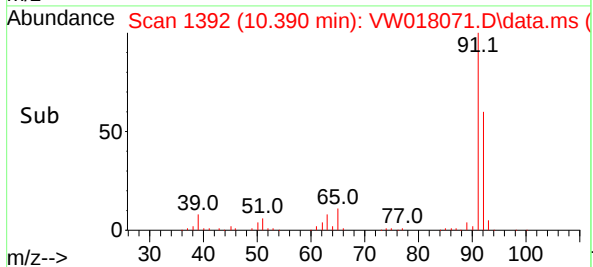
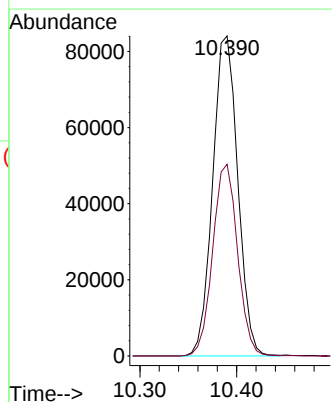
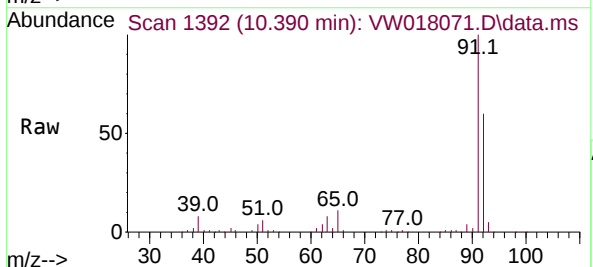
Instrument :
MSVOA_W
ClientSampleId :

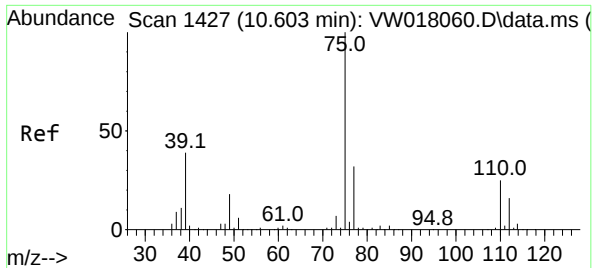
Tgt Ion: 75 Resp: 1081
Ion Ratio Lower Upper
75 100
77 53.0 22.7 42.3#



#44
Toluene
Concen: 21.08 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018071.D
Acq: 10 Feb 2021 18:45

Tgt Ion: 91 Resp: 151566
Ion Ratio Lower Upper
91 100
92 59.9 41.6 77.3

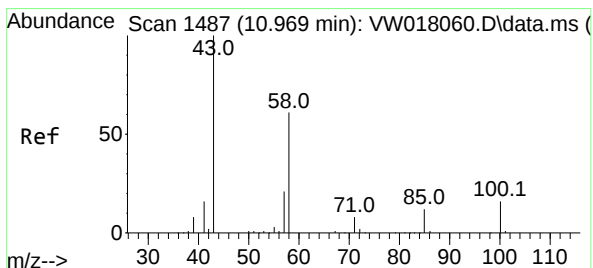
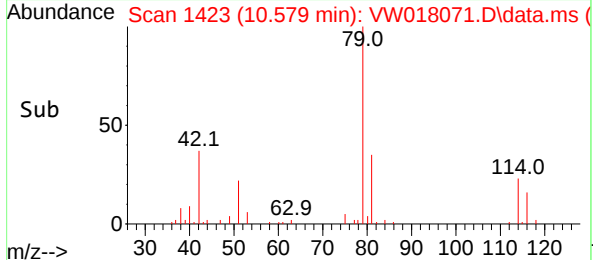
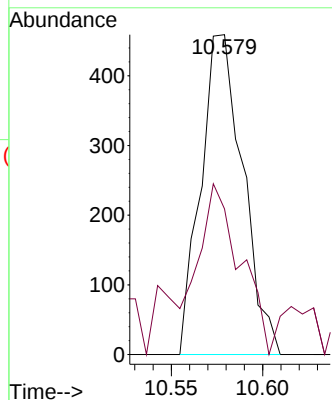
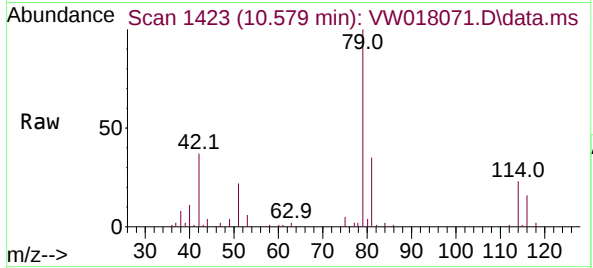




#45
trans-1,3-Dichloropropene
Concen: 0.35 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018071.D
Acq: 10 Feb 2021 18:45

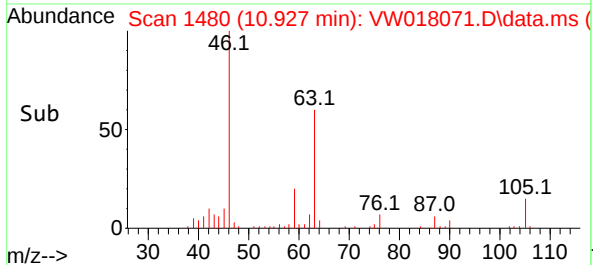
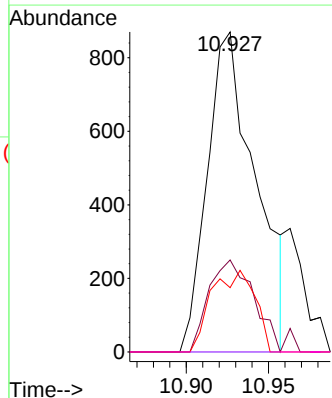
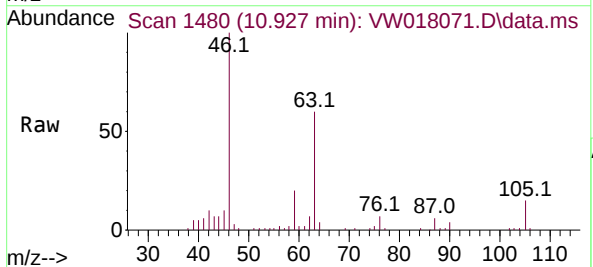
Instrument :
MSVOA_W
ClientSampled :

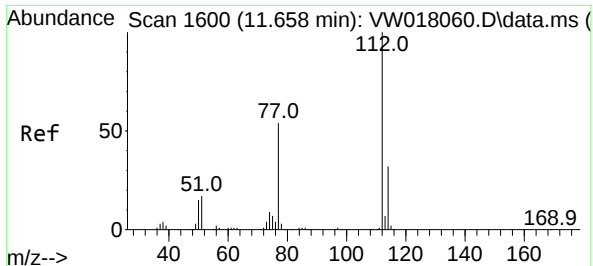
Tgt Ion: 75 Resp: 736
Ion Ratio Lower Upper
75 100
77 45.5 22.6 42.0#



#49
2-Hexanone
Concen: 2.75 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018071.D
Acq: 10 Feb 2021 18:45

Tgt Ion: 43 Resp: 1778
Ion Ratio Lower Upper
43 100
58 26.8 51.3 76.9#
57 12.2 15.0 22.6#
100 0.0 12.2 18.2#

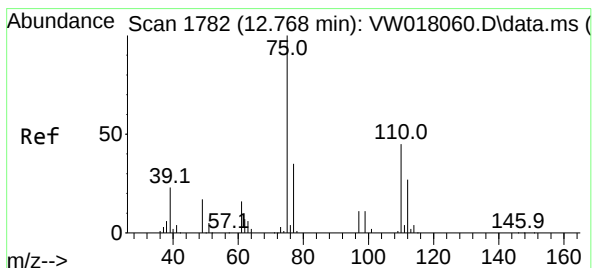
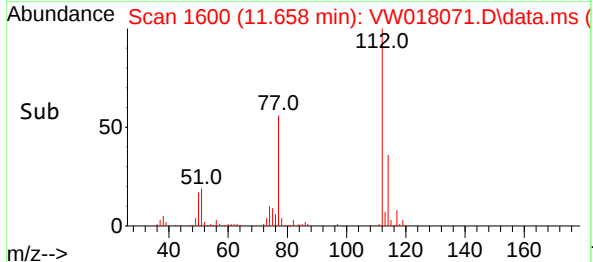
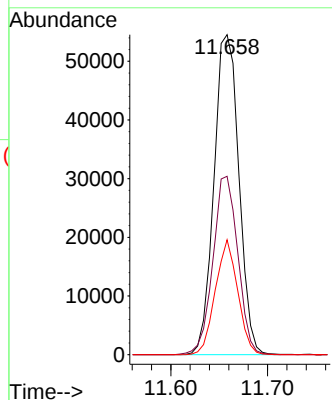
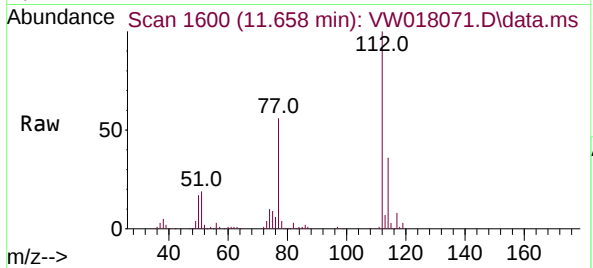




#52
Chlorobenzene
Concen: 20.62 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018071.D
Acq: 10 Feb 2021 18:45

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:112 Resp: 97658
Ion Ratio Lower Upper
112 100
77 55.8 42.6 64.0
114 35.9 21.6 40.2



#59
1,2,3-Trichloropropane
Concen: 4.59 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.793 min
Lab File: VW018071.D
Acq: 10 Feb 2021 18:45

Tgt Ion: 75 Resp: 5260
Ion Ratio Lower Upper
75 100
77 34.7 26.6 39.8

