

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018192.D
 Acq On : 17 Feb 2021 17:24
 Operator : SY/VA
 Sample : M1414-19RE
 Misc : 6.76G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 06:18:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

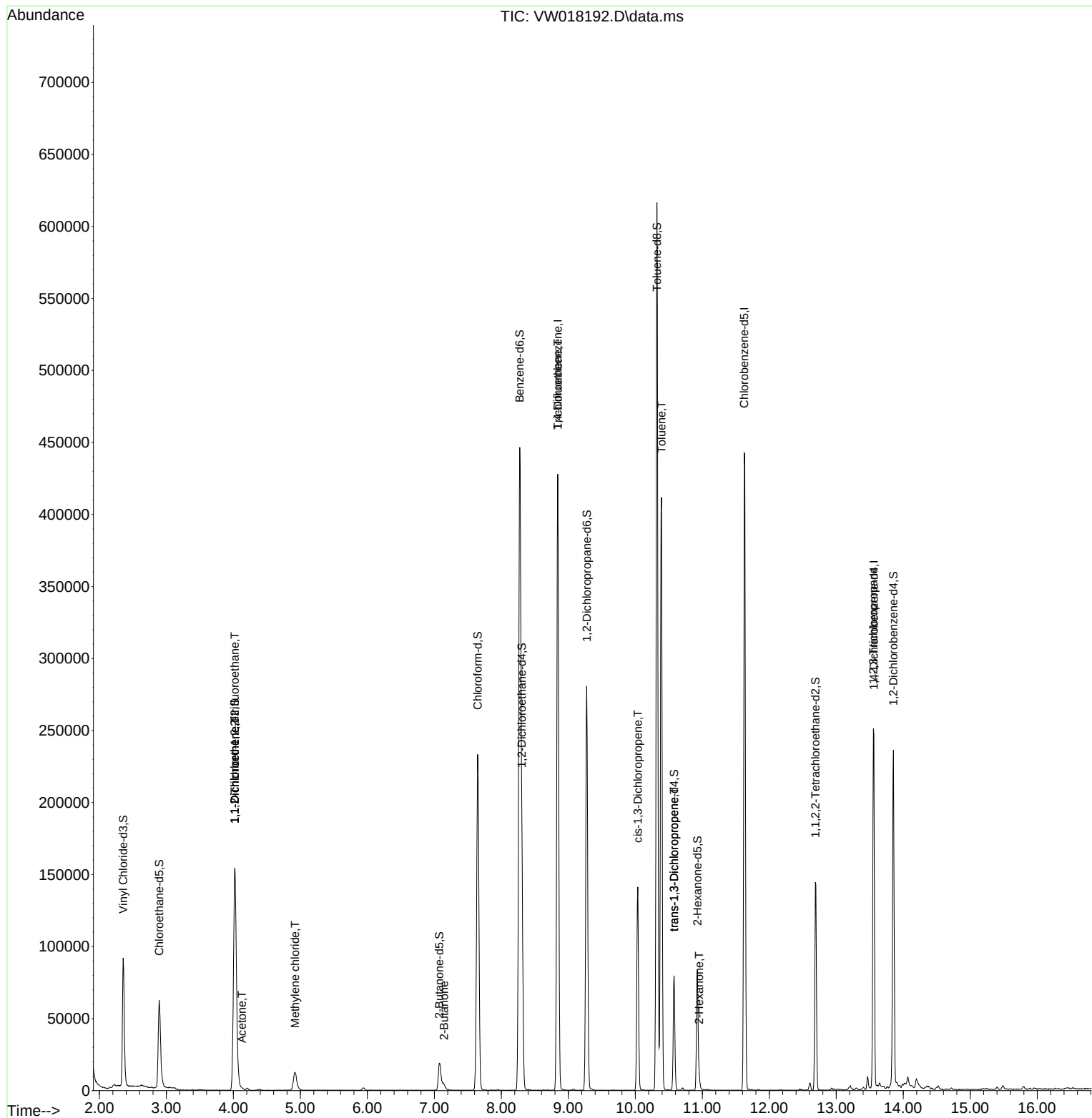
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	381780	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	264603	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	73455	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	107375	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.52%
7) Chloroethane-d5	2.891	69	87150	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.56%
10) 1,1-Dichloroethene-d2	4.019	63	165790	17.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.92%
20) 2-Butanone-d5	7.074	46	31984	25.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.52%
24) Chloroform-d	7.647	84	242087	24.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	8.305	65	116610	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.40%
29) Benzene-d6	8.275	84	491854	33.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	135.40%#
33) 1,2-Dichloropropane-d6	9.274	67	132382	32.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.32%#
37) Toluene-d8	10.323	98	419554	30.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.40%
38) trans-1,3-Dichloroprop...	10.579	79	46325	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.60%
39) 2-Hexanone-d5	10.927	63	29568	38.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.12%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	71056	19.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.64%
61) 1,2-Dichlorobenzene-d4	13.853	152	66246	25.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.12%
Target Compounds						
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-...	4.019	101	1705	0.31	ug/L #	35
12) 1,1-Dichloroethene	4.019	96	1391	0.27	ug/L #	1
13) Acetone	4.129	43	2320	2.48	ug/L	88
16) Methylene chloride	4.922	84	12394	2.03	ug/L	89
21) 2-Butanone	7.147	43	4296	3.01	ug/L #	46
35) Trichloroethene	8.842	95	11115	2.55	ug/L #	3
42) cis-1,3-Dichloropropene	10.036	75	3349	0.59	ug/L #	59
44) Toluene	10.390	91	320410	18.82	ug/L	97
45) trans-1,3-Dichloropropene	10.579	75	1878	0.38	ug/L #	50
49) 2-Hexanone	10.951	43	3170	2.07	ug/L #	39
59) 1,2,3-Trichloropropane	13.554	75	7199	2.65	ug/L	96

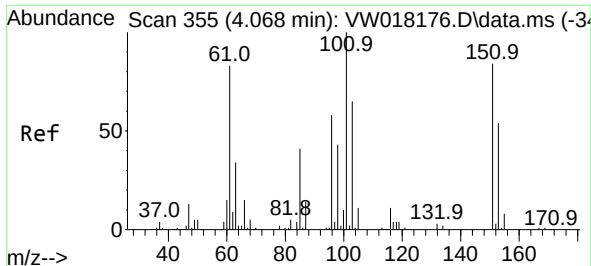
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
Data File : VW018192.D
Acq On : 17 Feb 2021 17:24
Operator : SY/VA
Sample : M1414-19RE
Misc : 6.76G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Feb 18 06:18:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 18 06:15:22 2021
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.31 ug/L

RT: 4.019 min Scan# 347

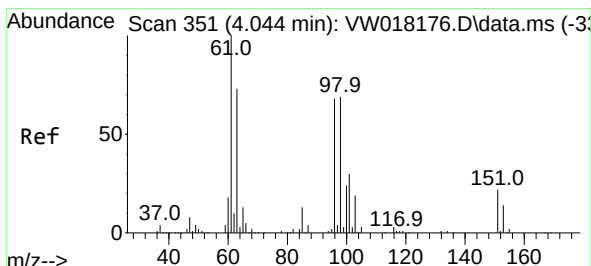
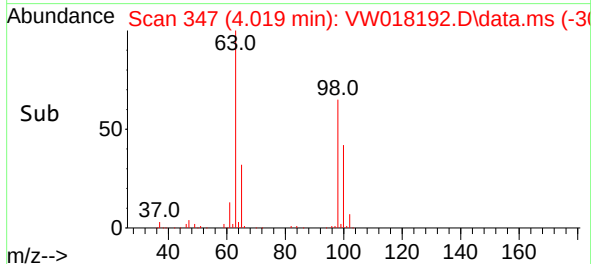
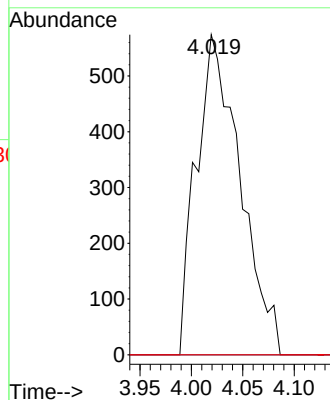
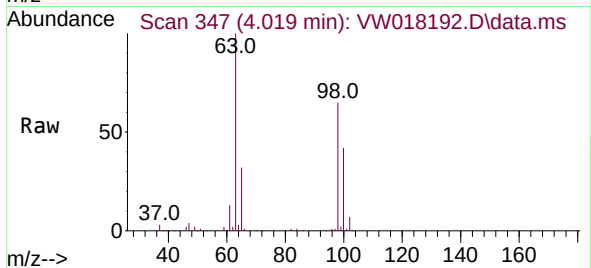
Delta R.T. -0.049 min

Lab File: VW018192.D

Acq: 17 Feb 2021 17:24

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:101 Resp: 1705
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: 0.27 ug/L

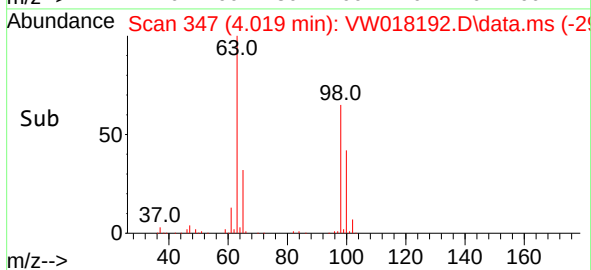
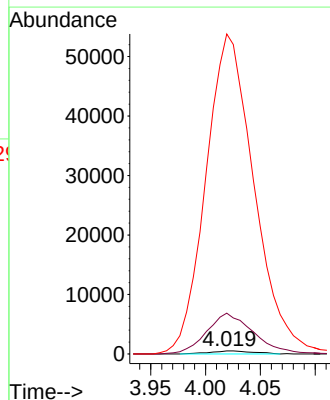
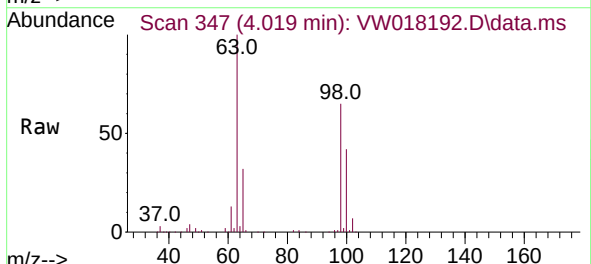
RT: 4.019 min Scan# 347

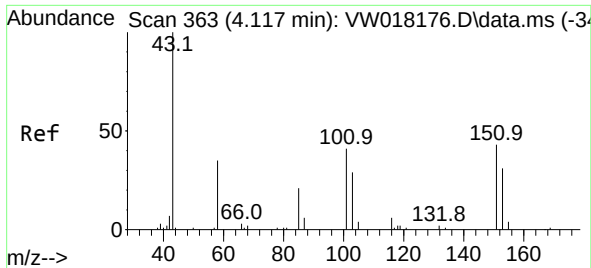
Delta R.T. -0.024 min

Lab File: VW018192.D

Acq: 17 Feb 2021 17:24

Tgt Ion: 96 Resp: 1391
Ion Ratio Lower Upper
96 100
61 1320.6 112.5 208.9#
63 10346.2 83.1 154.3#

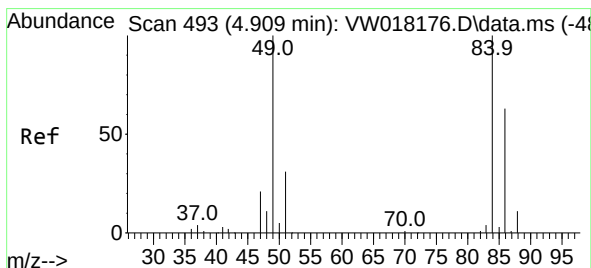
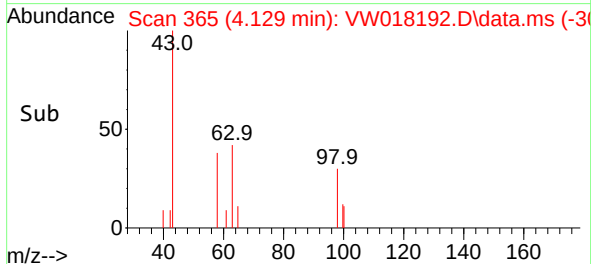
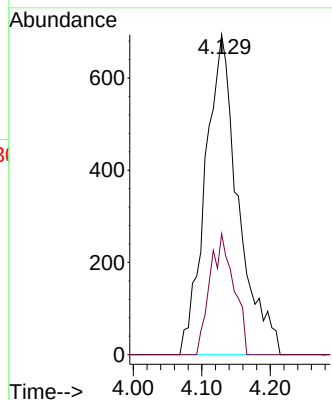
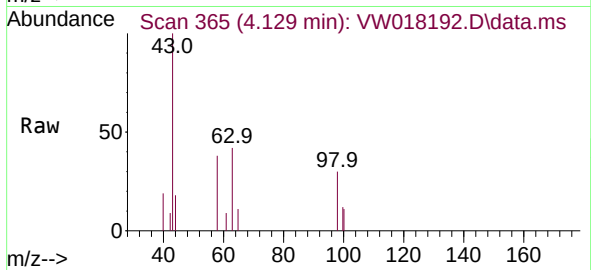




#13
Acetone
Concen: 2.48 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018192.D
Acq: 17 Feb 2021 17:24

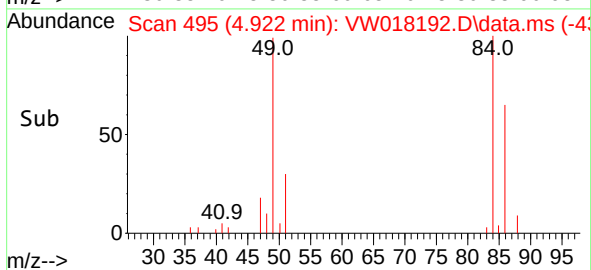
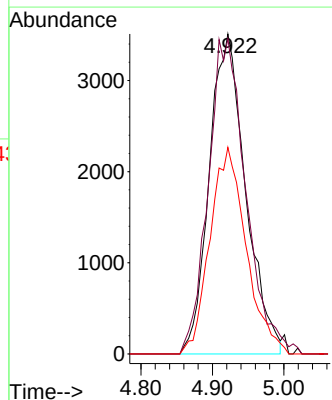
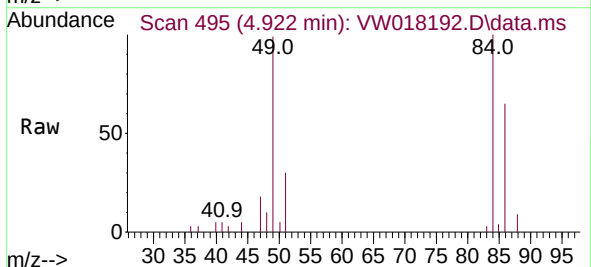
Instrument :
MSVOA_W
ClientSampled :

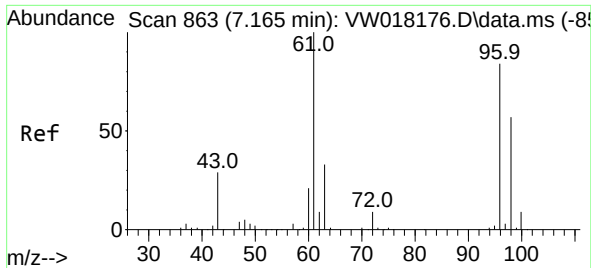
Tgt Ion: 43 Resp: 2320
Ion Ratio Lower Upper
43 100
58 27.3 0.0 68.4



#16
Methylene chloride
Concen: 2.03 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018192.D
Acq: 17 Feb 2021 17:24

Tgt Ion: 84 Resp: 12394
Ion Ratio Lower Upper
84 100
49 98.5 81.2 150.8
86 64.5 44.5 82.7

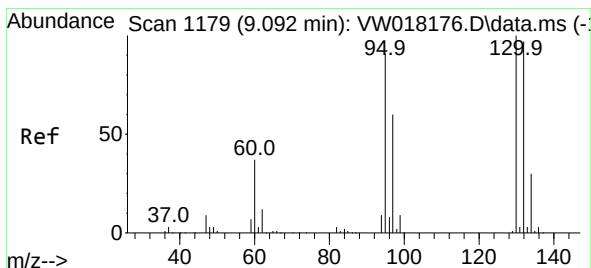
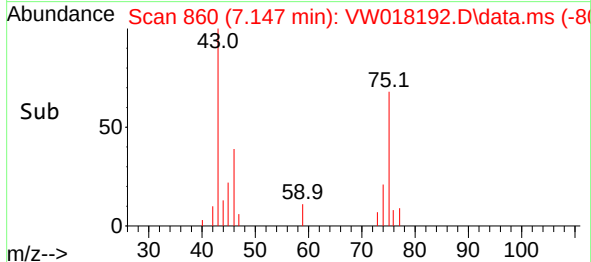
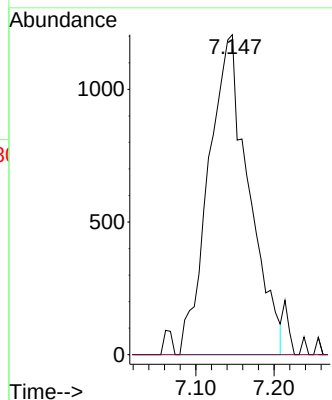
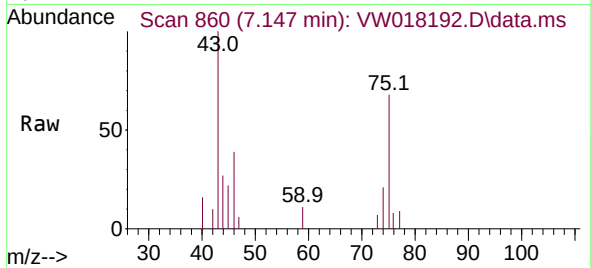




#21
2-Butanone
Concen: 3.01 ug/L
RT: 7.147 min Scan# 860
Delta R.T. -0.018 min
Lab File: VW018192.D
Acq: 17 Feb 2021 17:24

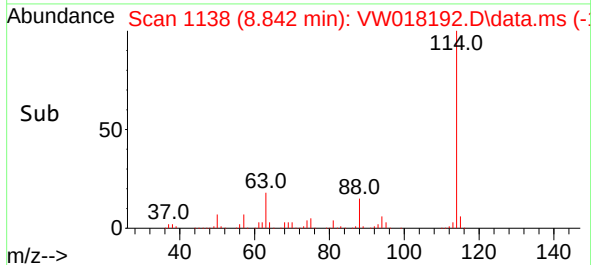
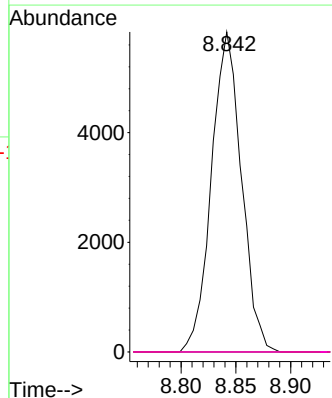
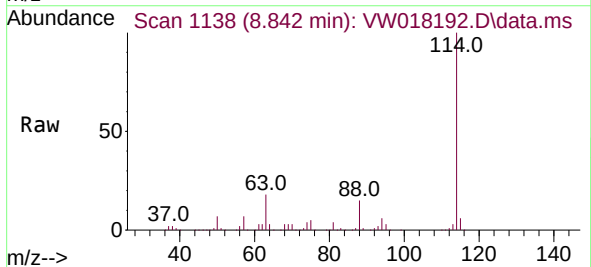
Instrument :
MSVOA_W
ClientSampled :

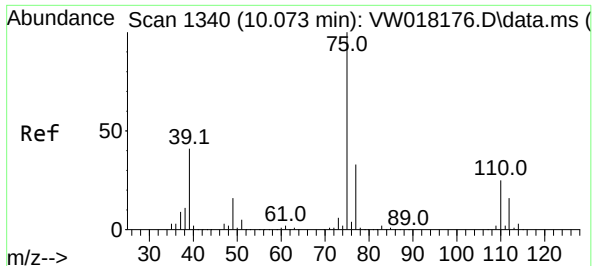
Tgt Ion: 43 Resp: 4296
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#35
Trichloroethene
Concen: 2.55 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018192.D
Acq: 17 Feb 2021 17:24

Tgt Ion: 95 Resp: 11115
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#

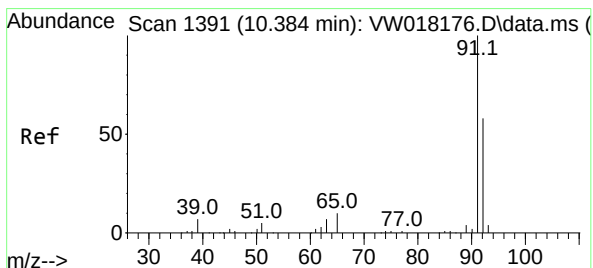
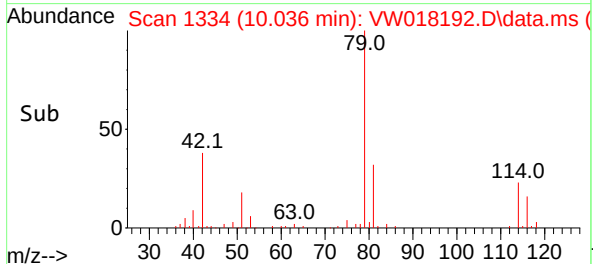
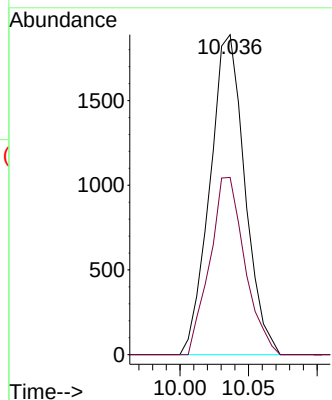
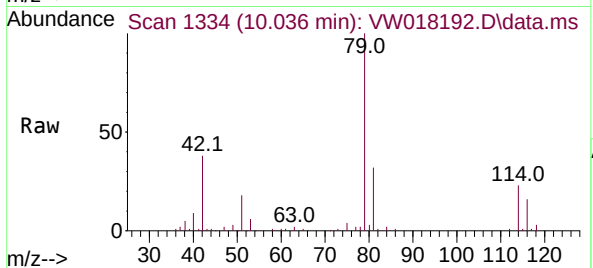




#42
cis-1,3-Dichloropropene
Concen: 0.59 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018192.D
Acq: 17 Feb 2021 17:24

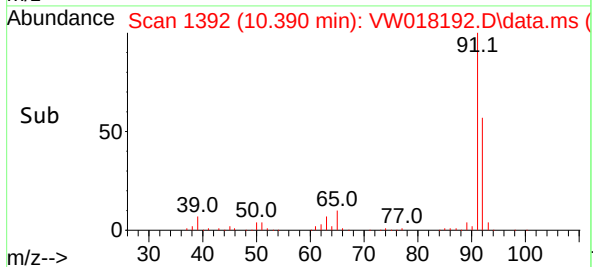
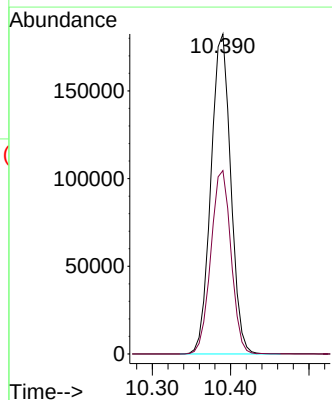
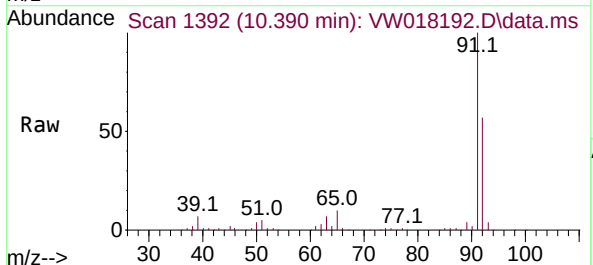
Instrument :
MSVOA_W
ClientSampled :

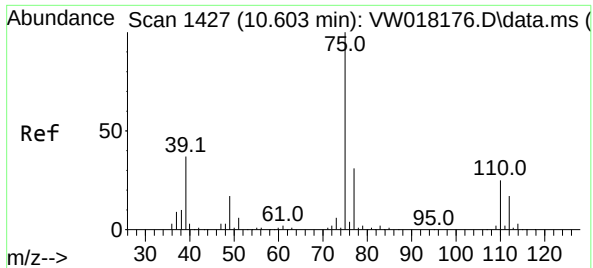
Tgt Ion: 75 Resp: 3349
Ion Ratio Lower Upper
75 100
77 55.4 22.7 42.3#



#44
Toluene
Concen: 18.82 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018192.D
Acq: 17 Feb 2021 17:24

Tgt Ion: 91 Resp: 320410
Ion Ratio Lower Upper
91 100
92 57.3 41.6 77.3

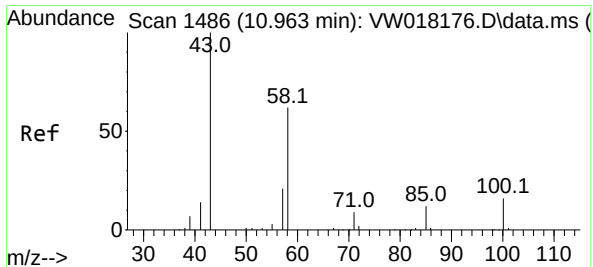
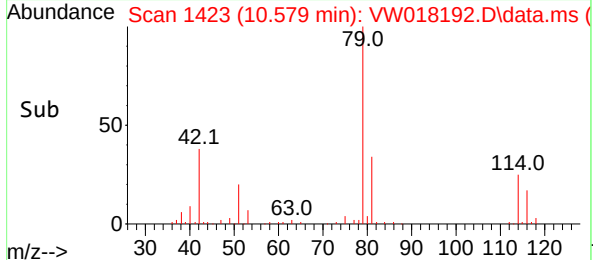
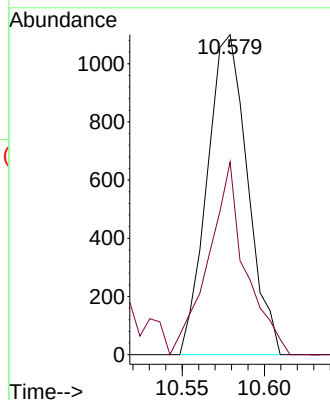
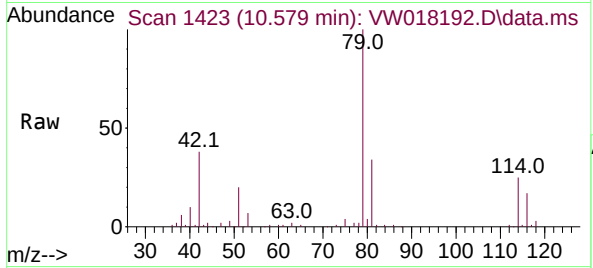




#45
trans-1,3-Dichloropropene
Concen: 0.38 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018192.D
Acq: 17 Feb 2021 17:24

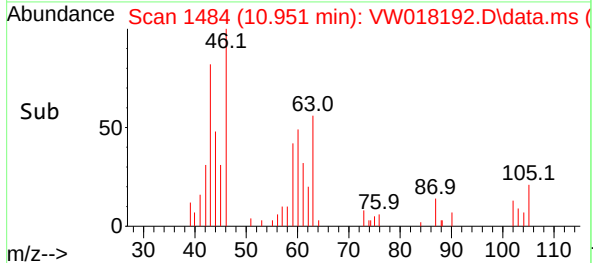
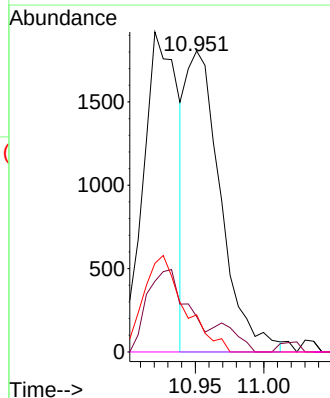
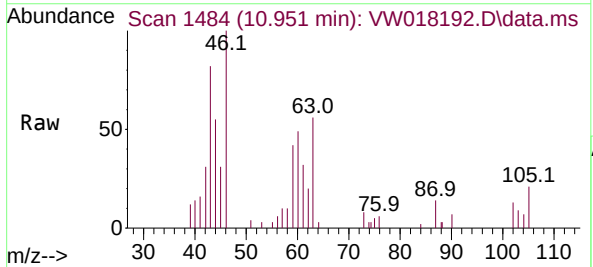
Instrument :
MSVOA_W
ClientSampled :

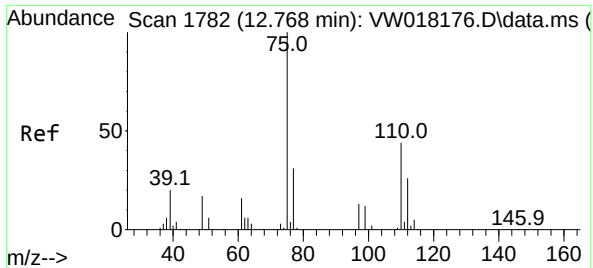
Tgt Ion: 75 Resp: 1878
Ion Ratio Lower Upper
75 100
77 60.3 22.6 42.0#



#49
2-Hexanone
Concen: 2.07 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.012 min
Lab File: VW018192.D
Acq: 17 Feb 2021 17:24

Tgt Ion: 43 Resp: 3170
Ion Ratio Lower Upper
43 100
58 7.1 51.3 76.9#
57 0.0 15.0 22.6#
100 0.0 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 2.65 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018192.D
 Acq: 17 Feb 2021 17:24

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75 Resp: 7199
 Ion Ratio Lower Upper
 75 100
 77 35.7 26.6 39.8

