

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018189.D
 Acq On : 17 Feb 2021 16:12
 Operator : SY/VA
 Sample : M1414-07RE
 Misc : 5.74G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 06:18:06 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)

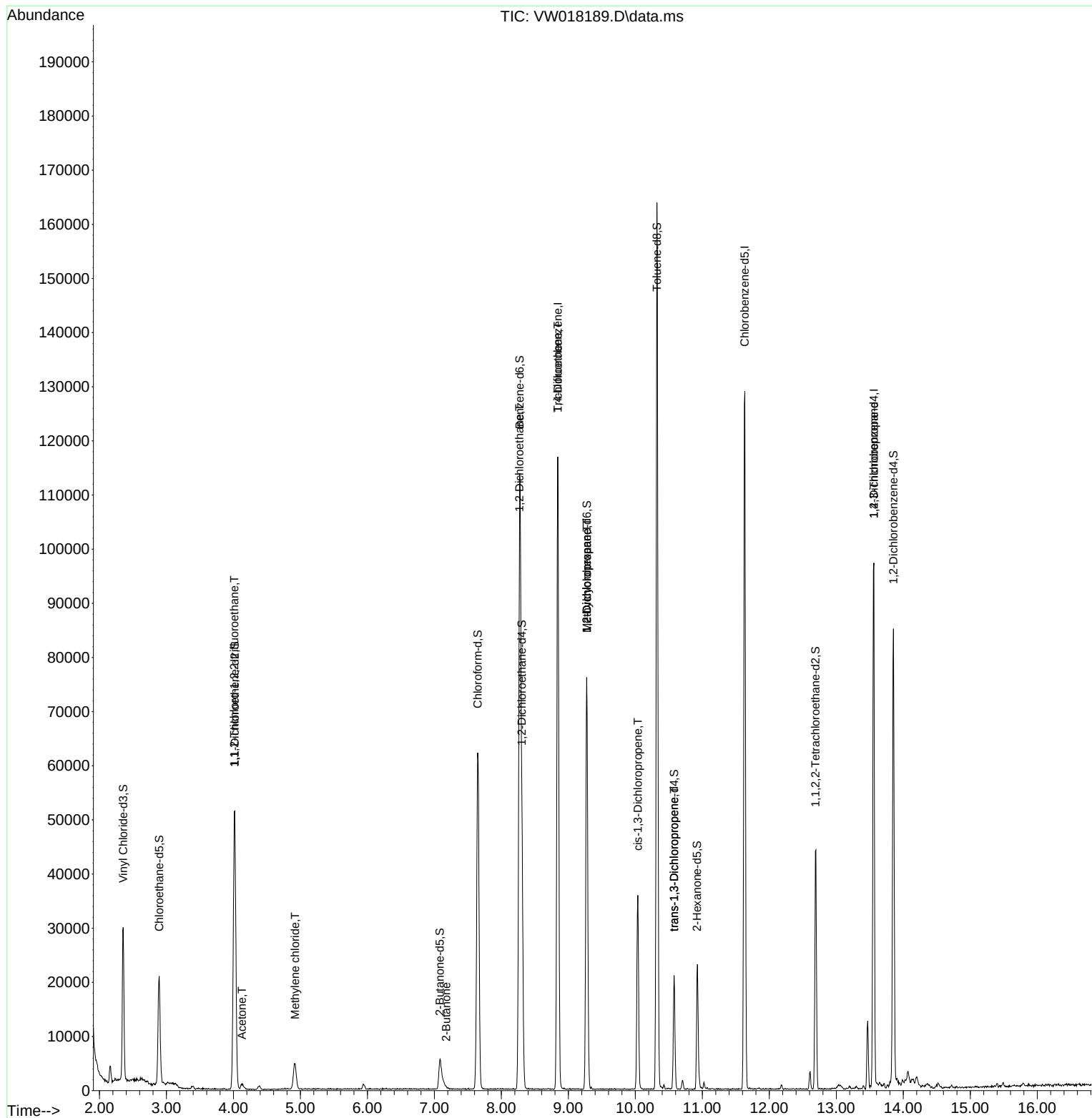
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	103993	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	79979	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	28339	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	29696	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.92%
7) Chloroethane-d5	2.891	69	24730	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.44%
10) 1,1-Dichloroethene-d2	4.019	63	48593	18.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.24%
20) 2-Butanone-d5	7.080	46	9621	27.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.80%
24) Chloroform-d	7.647	84	65223	23.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	8.305	65	33212	22.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.40%
29) Benzene-d6	8.275	84	124467	28.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.36%
33) 1,2-Dichloropropane-d6	9.274	67	36179	29.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.84%
37) Toluene-d8	10.323	98	109721	26.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.04%
38) trans-1,3-Dichloroprop...	10.579	79	12210	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.72%
39) 2-Hexanone-d5	10.920	63	8074	34.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.76%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	21770	20.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.72%
61) 1,2-Dichlorobenzene-d4	13.853	152	24072	23.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.24%
Target Compounds						
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-...	4.013	101	365	0.25	ug/L #	35
13) Acetone	4.129	43	911	3.57	ug/L	83
16) Methylene chloride	4.921	84	4127	2.48	ug/L	87
21) 2-Butanone	7.177	43	306	0.79	ug/L #	46
27) 1,2-Dichloroethane	8.268	62	780	0.46	ug/L #	73
35) Trichloroethene	8.842	95	2931	2.23	ug/L #	3
36) Methylcyclohexane	9.274	83	9775	4.41	ug/L #	18
40) 1,2-Dichloropropane	9.274	63	4000	3.73	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	886	0.51	ug/L #	80
45) trans-1,3-Dichloropropene	10.579	75	551	0.37	ug/L	95
59) 1,2,3-Trichloropropane	13.560	75	2755	3.36	ug/L	96

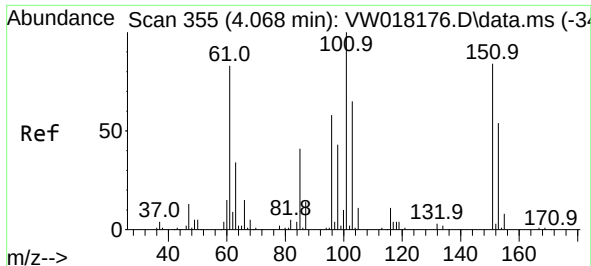
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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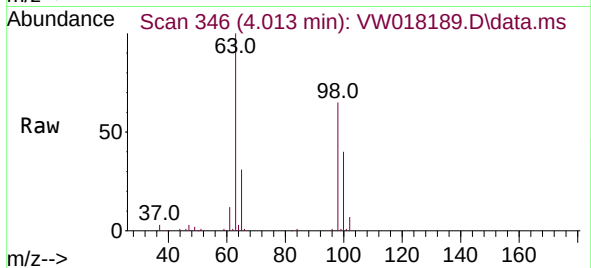
Quant Time: Feb 18 06:18:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 18 06:15:22 2021
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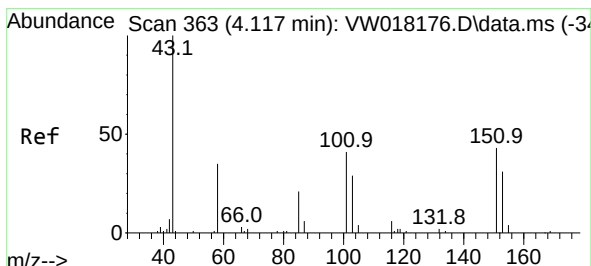
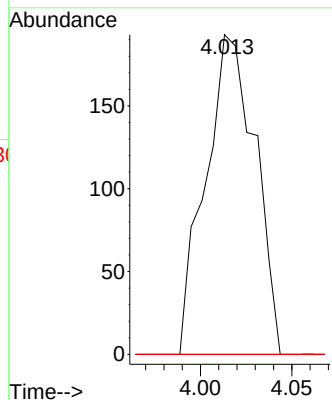
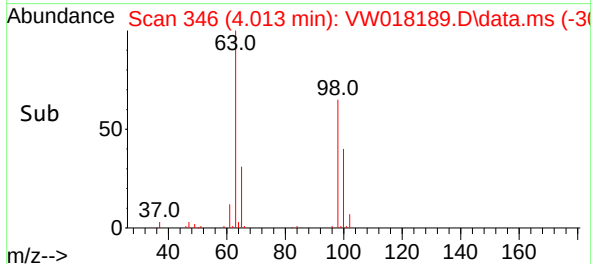


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.25 ug/L
 RT: 4.013 min Scan# 346
 Delta R.T. -0.055 min
 Lab File: VW018189.D
 Acq: 17 Feb 2021 16:12

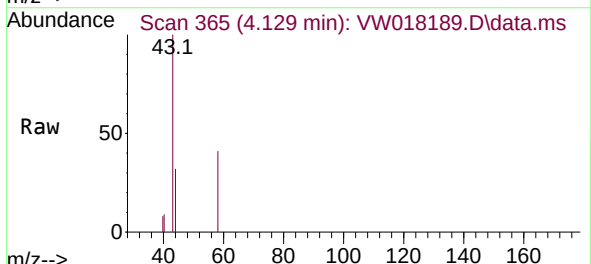
Instrument :
 MSVOA_W
 ClientSampled :



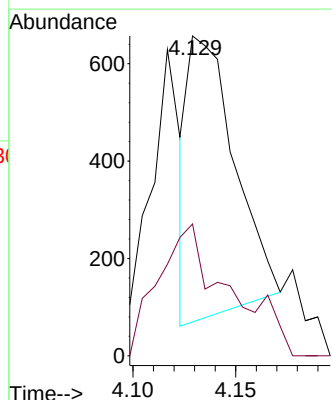
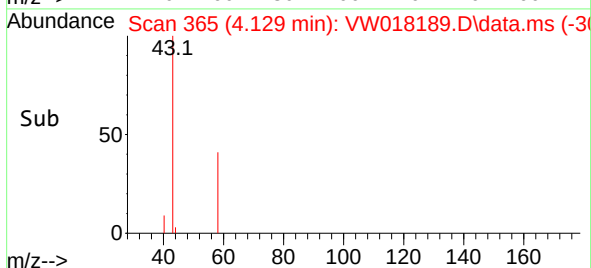
Tgt Ion:101 Resp: 365
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.4#
 151 0.0 30.4 45.6#

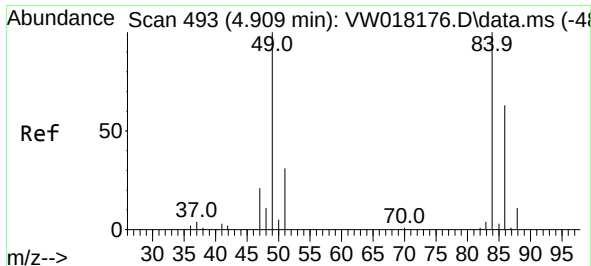


#13
 Acetone
 Concen: 3.57 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.012 min
 Lab File: VW018189.D
 Acq: 17 Feb 2021 16:12



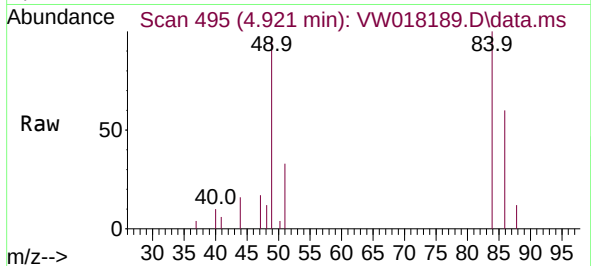
Tgt Ion: 43 Resp: 911
 Ion Ratio Lower Upper
 43 100
 58 44.1 0.0 68.4





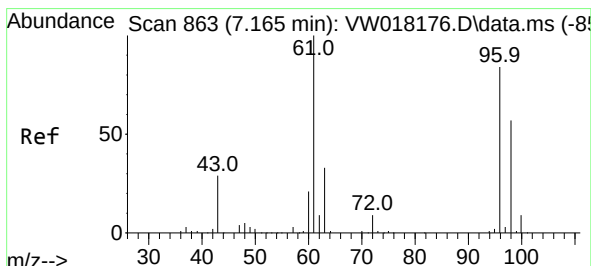
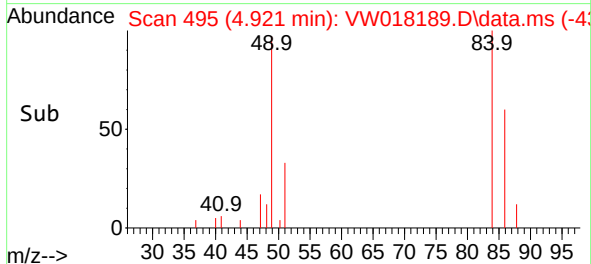
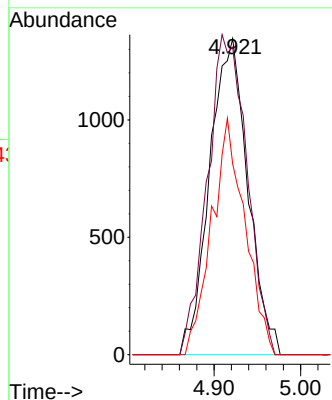
#16
Methylene chloride
Concen: 2.48 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018189.D
Acq: 17 Feb 2021 16:12

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 84 Resp: 4127

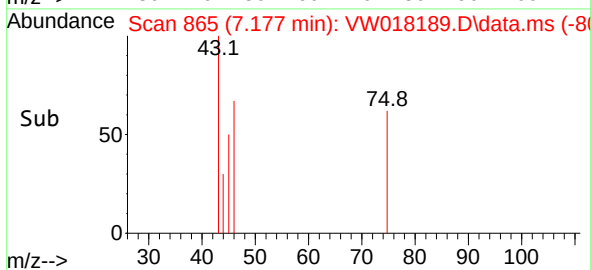
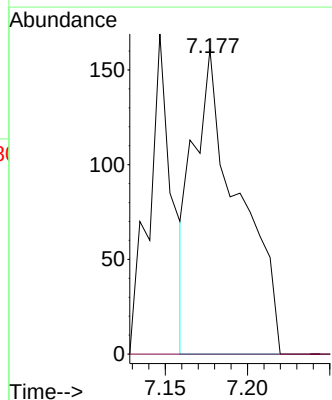
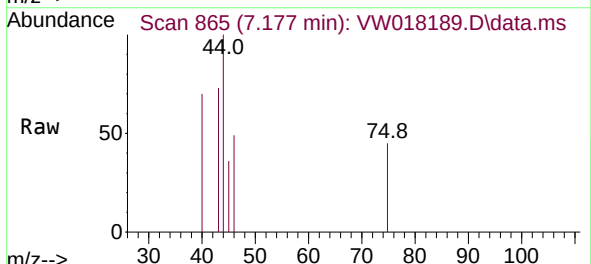
Ion	Ratio	Lower	Upper
84	100		
49	97.3	81.2	150.8
86	60.3	44.5	82.7

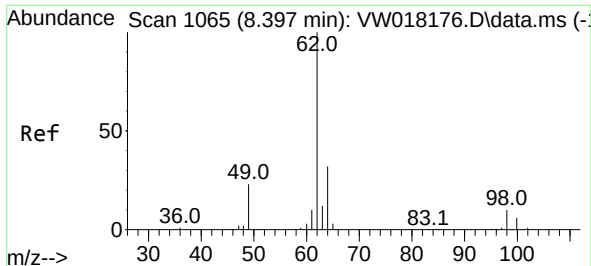


#21
2-Butanone
Concen: 0.79 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018189.D
Acq: 17 Feb 2021 16:12

Tgt Ion: 43 Resp: 306

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	43.2#

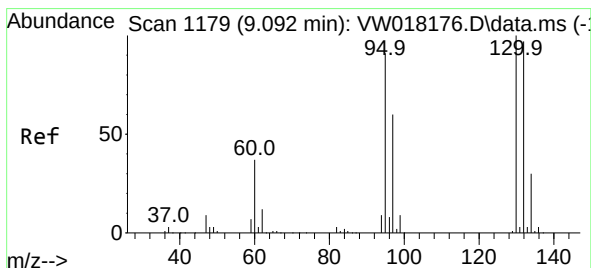
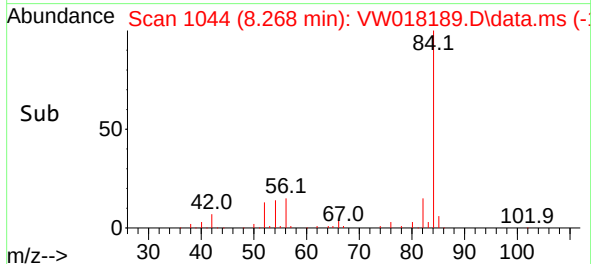
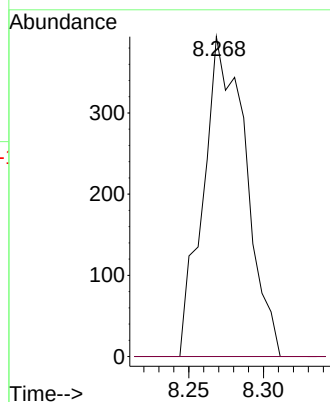
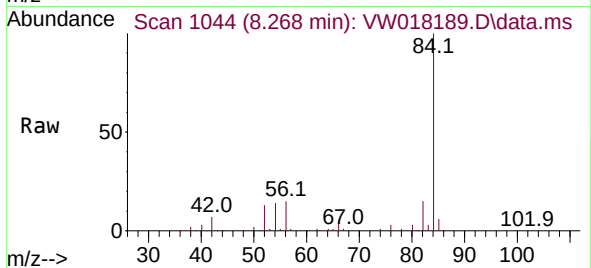




#27
1,2-Dichloroethane
Concen: 0.46 ug/L
RT: 8.268 min Scan# 1044
Delta R.T. -0.128 min
Lab File: VW018189.D
Acq: 17 Feb 2021 16:12

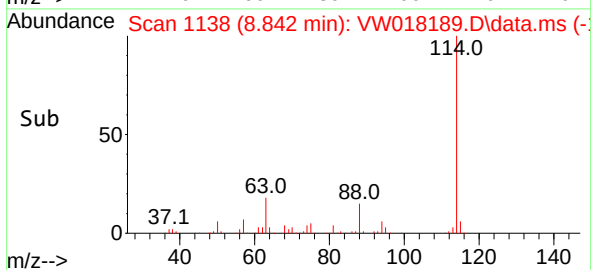
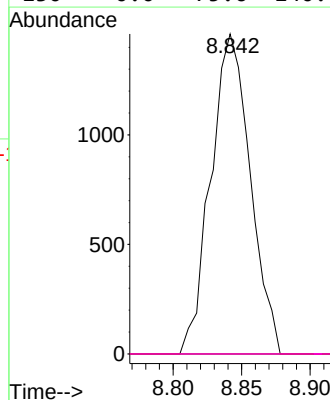
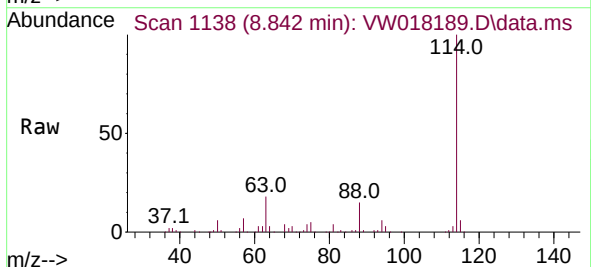
Instrument :
MSVOA_W
ClientSampled :

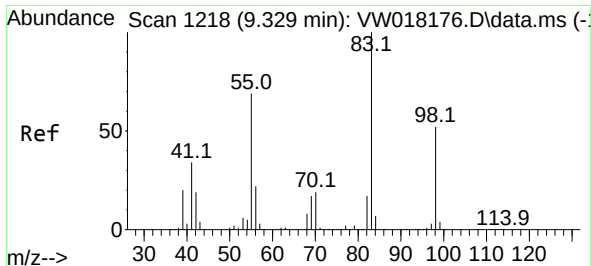
Tgt Ion: 62 Resp: 780
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#



#35
Trichloroethene
Concen: 2.23 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018189.D
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Tgt Ion: 95 Resp: 2931
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#

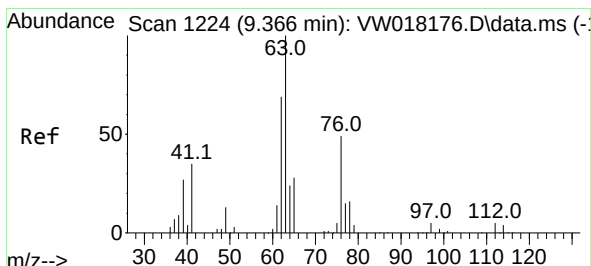
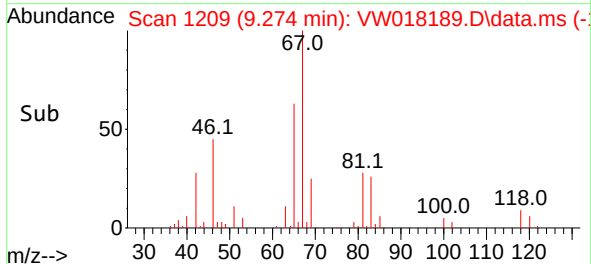
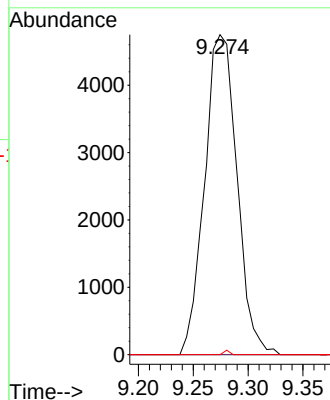
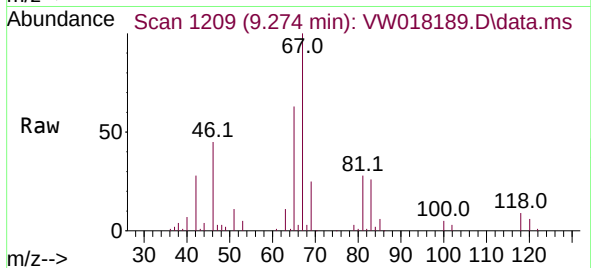




#36
Methylcyclohexane
Concen: 4.41 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.055 min
Lab File: VW018189.D
Acq: 17 Feb 2021 16:12

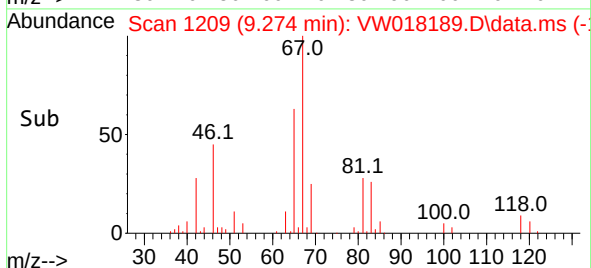
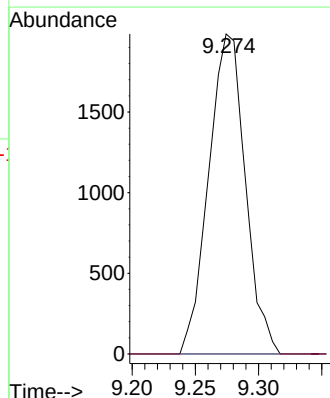
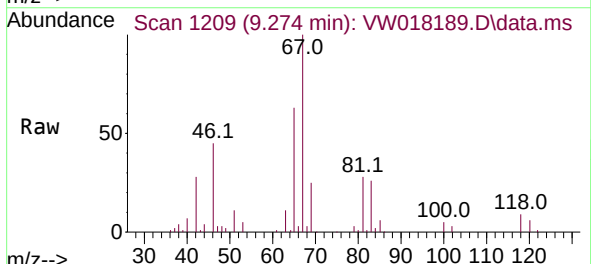
Instrument :
MSVOA_W
ClientSampled :

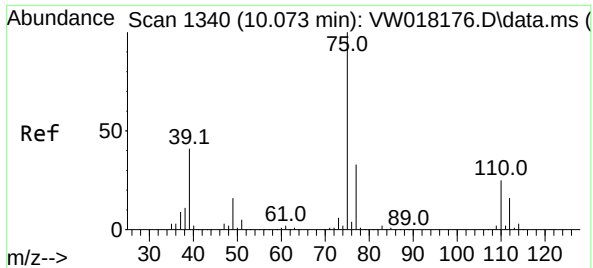
Tgt Ion: 83 Resp: 9775
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.0 40.7 61.1#



#40
1,2-Dichloropropane
Concen: 3.73 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018189.D
Acq: 17 Feb 2021 16:12

Tgt Ion: 63 Resp: 4000
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

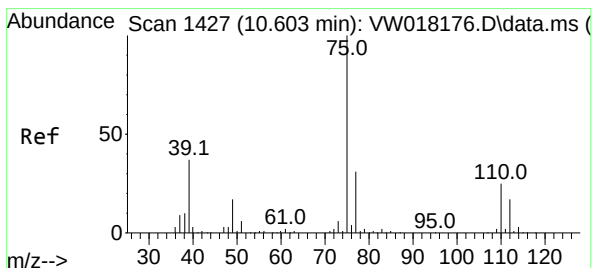
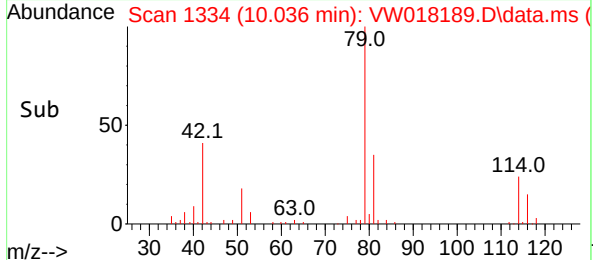
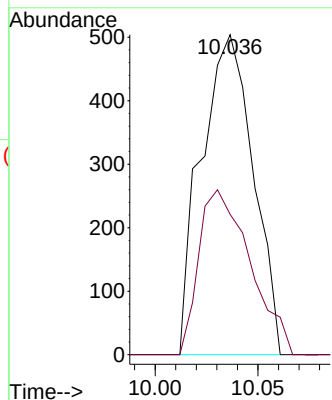
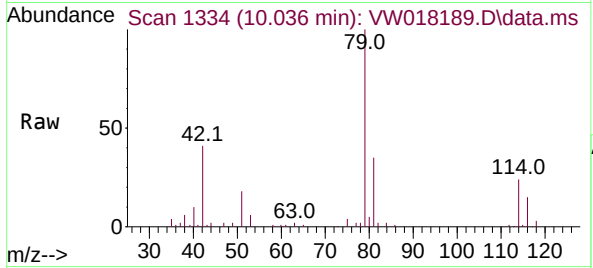




#42
cis-1,3-Dichloropropene
Concen: 0.51 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018189.D
Acq: 17 Feb 2021 16:12

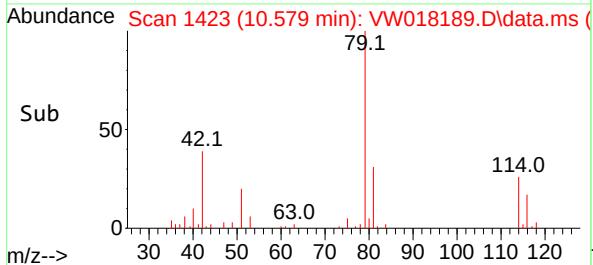
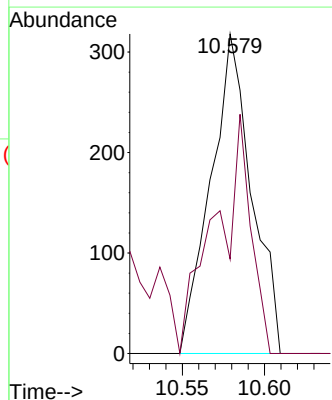
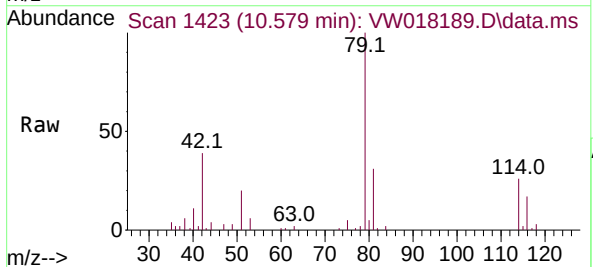
Instrument :
MSVOA_W
ClientSampled :

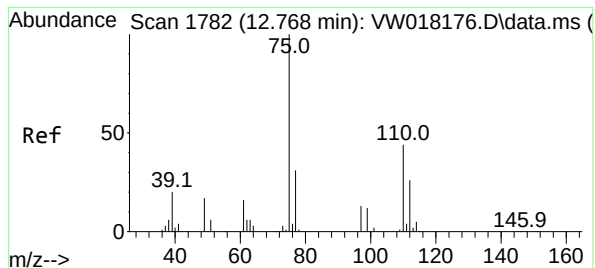
Tgt Ion: 75 Resp: 886
Ion Ratio Lower Upper
75 100
77 43.8 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.37 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018189.D
Acq: 17 Feb 2021 16:12

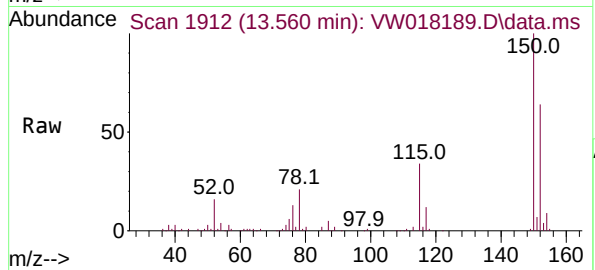
Tgt Ion: 75 Resp: 551
Ion Ratio Lower Upper
75 100
77 29.6 22.6 42.0





#59
 1,2,3-Trichloropropane
 Concen: 3.36 ug/L
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.792 min
 Lab File: VW018189.D
 Acq: 17 Feb 2021 16:12

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 2755
 Ion Ratio Lower Upper
 75 100
 77 35.6 26.6 39.8

