

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072221\
 Data File : VW019554.D
 Acq On : 22 Jul 2021 15:31
 Operator : SY/VA
 Sample : M3141-04
 Misc : 5.30g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 23 01:50:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 23 01:46:10 2021
 Response via : Initial Calibration

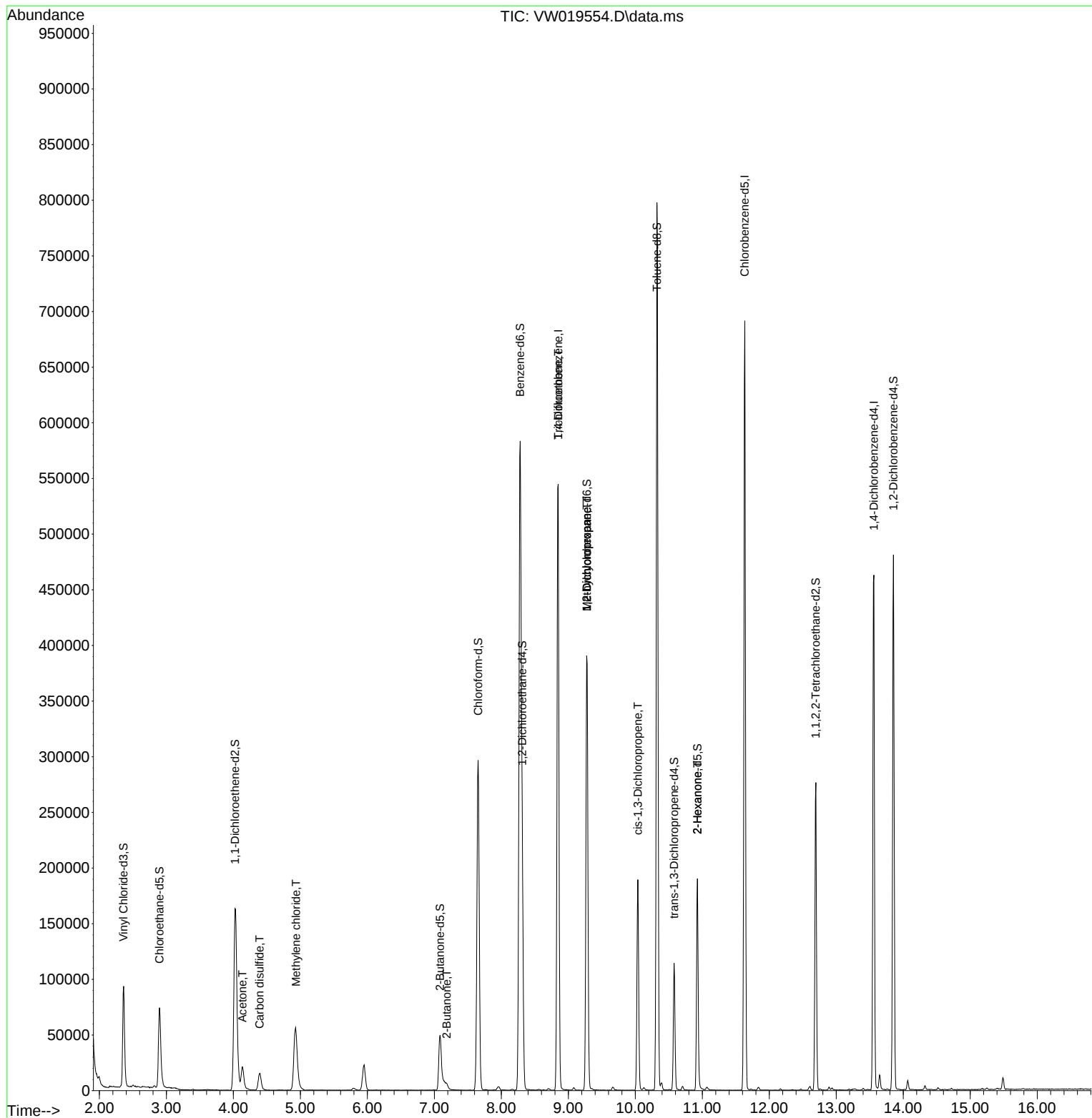
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	459185	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	380463	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	124328	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	108901	16.738	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.960%
7) Chloroethane-d5	2.898	69	99629	21.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.880%
11) 1,1-Dichloroethene-d2	4.025	63	192314	15.320	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.280%
21) 2-Butanone-d5	7.086	46	86017	45.552	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.100%
24) Chloroform-d	7.653	84	307759	24.256	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.040%
26) 1,2-Dichloroethane-d4	8.311	65	168459	24.195	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.760%
32) Benzene-d6	8.281	84	611255	26.990	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.960%
36) 1,2-Dichloropropane-d6	9.275	67	193067	27.351	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.400%
41) Toluene-d8	10.323	98	525677	25.745	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.960%
43) trans-1,3-Dichloroprop...	10.579	79	64987	21.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.000%
47) 2-Hexanone-d5	10.927	63	64994	49.629	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.260%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	138425	24.269	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	125236	28.550	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.200%
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	37538	26.978	ug/L	88
14) Carbon disulfide	4.391	76	36079	1.879	ug/L	98
16) Methylene chloride	4.934	84	52439	5.728	ug/L	93
22) 2-Butanone	7.183	43	8419	3.910	ug/L	97
34) Trichloroethene	8.848	95	13837	2.277	ug/L #	5
35) Methylcyclohexane	9.275	83	46838	4.355	ug/L #	19
37) 1,2-Dichloropropane	9.275	63	21260	3.523	ug/L #	86
39) cis-1,3-Dichloropropene	10.037	75	4243	0.460	ug/L #	70
48) 2-Hexanone	10.927	43	7531	2.903	ug/L #	71

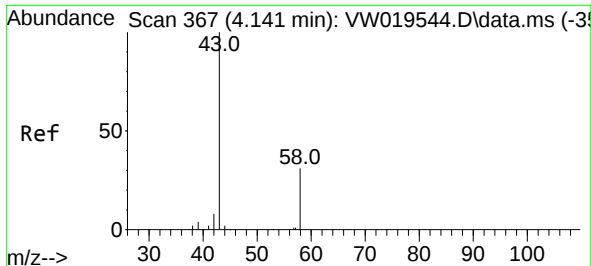
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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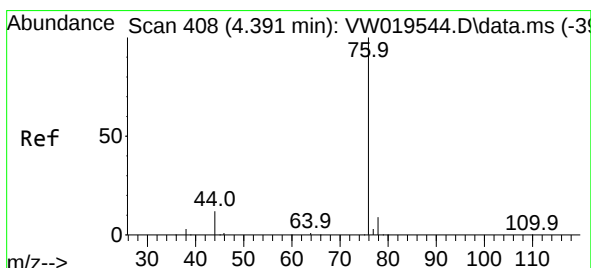
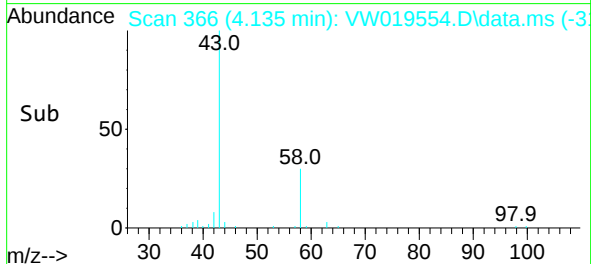
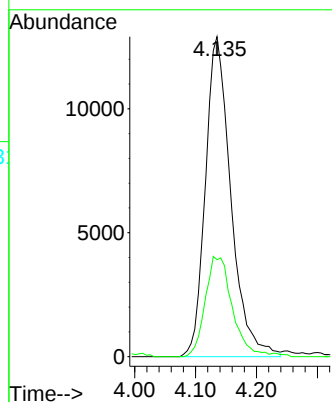
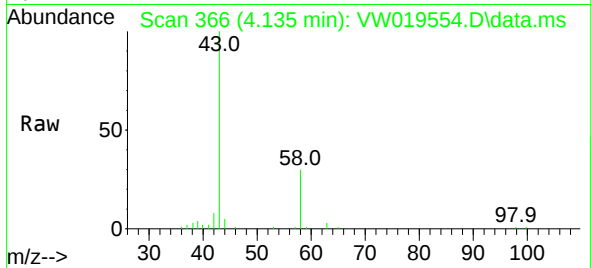




#13
Acetone
Concen: 26.978 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW019554.D
Acq: 22 Jul 2021 15:31

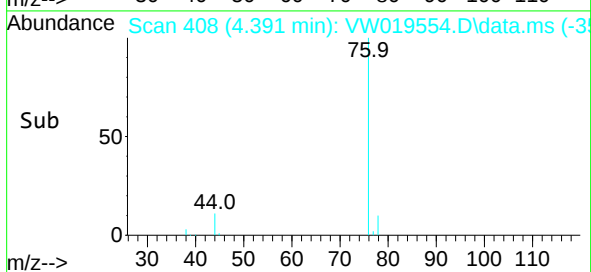
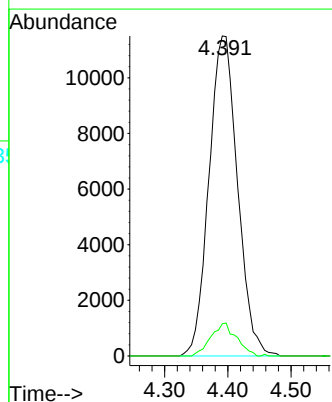
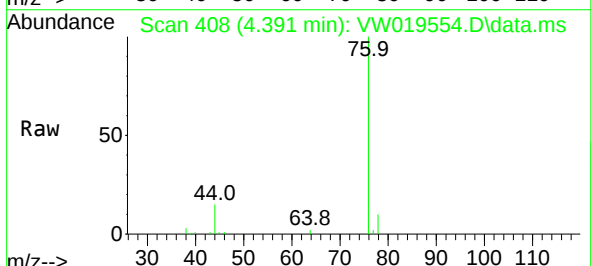
Instrument :
MSVOA_W
ClientSampled :

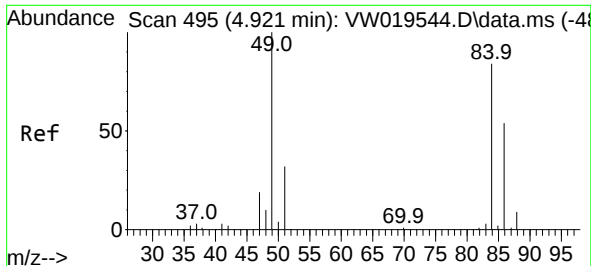
Tgt Ion: 43 Resp: 37538
Ion Ratio Lower Upper
43 100
58 33.0 0.0 53.8



#14
Carbon disulfide
Concen: 1.879 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019554.D
Acq: 22 Jul 2021 15:31

Tgt Ion: 76 Resp: 36079
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0

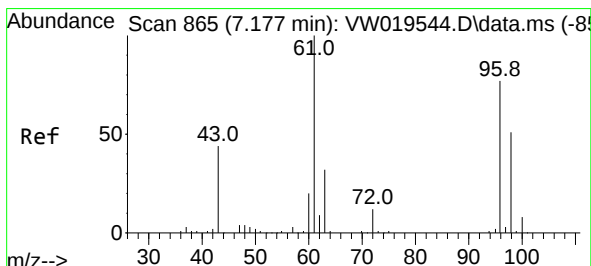
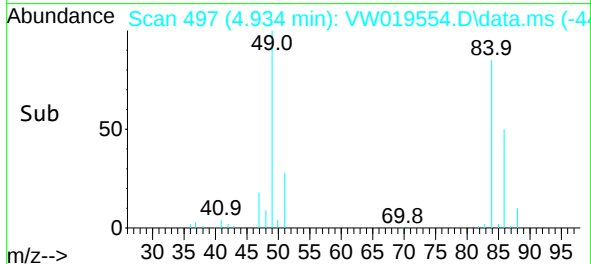
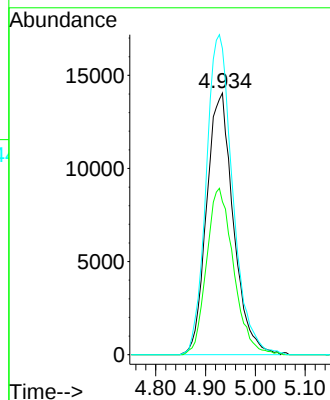
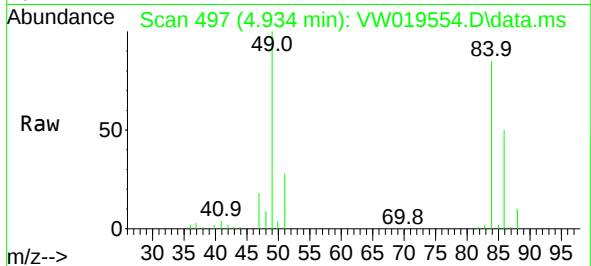




#16
Methylene chloride
Concen: 5.728 ug/L
RT: 4.934 min Scan# 497
Delta R.T. 0.013 min
Lab File: VW019554.D
Acq: 22 Jul 2021 15:31

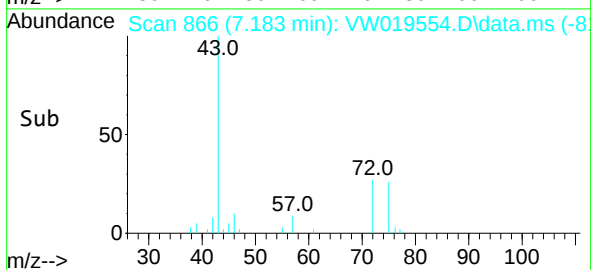
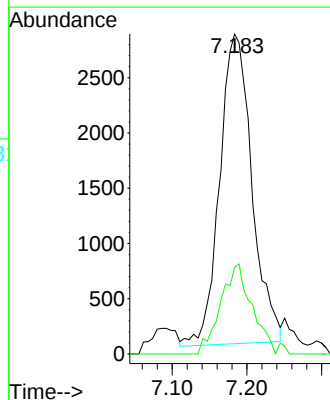
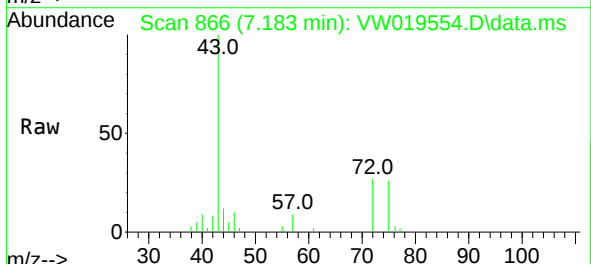
Instrument :
MSVOA_W
ClientSampled :

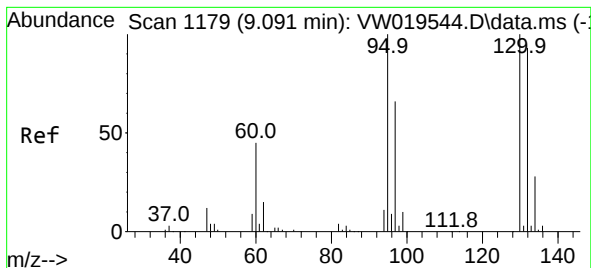
Tgt Ion: 84 Resp: 52439
Ion Ratio Lower Upper
84 100
86 58.5 45.3 84.1
49 117.1 86.6 160.8



#22
2-Butanone
Concen: 3.910 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW019554.D
Acq: 22 Jul 2021 15:31

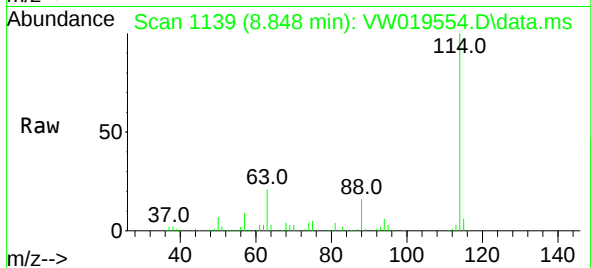
Tgt Ion: 43 Resp: 8419
Ion Ratio Lower Upper
43 100
72 28.0 14.9 44.7





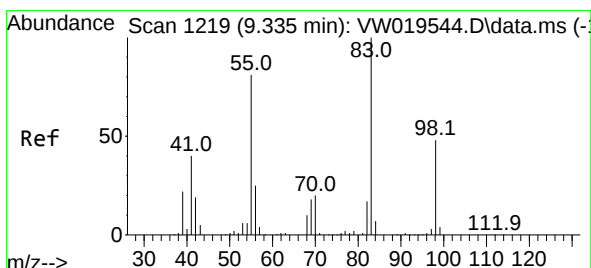
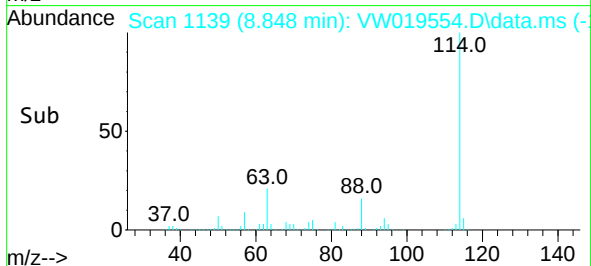
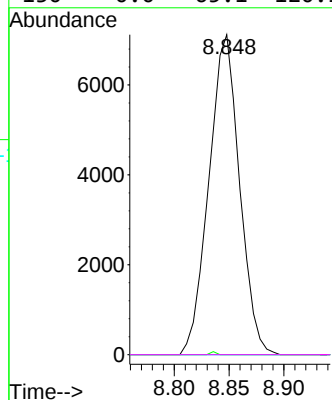
#34
Trichloroethene
Concen: 2.277 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.243 min
Lab File: VW019554.D
Acq: 22 Jul 2021 15:31

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 13837

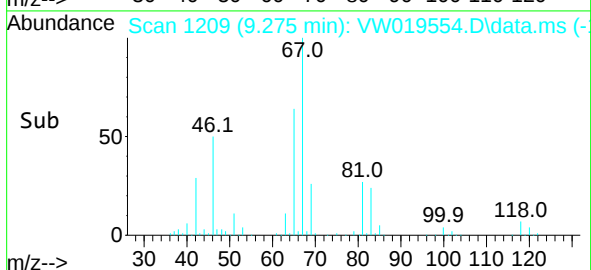
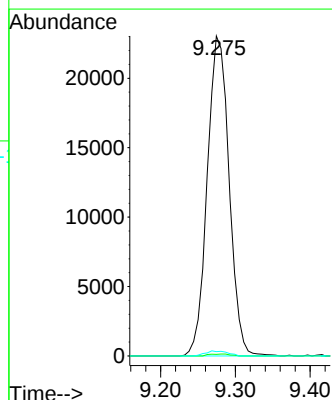
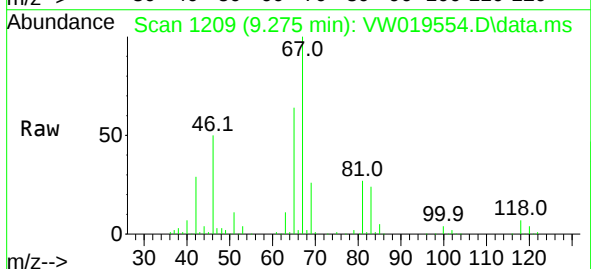
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.3	87.8#
132	0.0	71.0	131.8#
130	0.0	65.1	120.9#

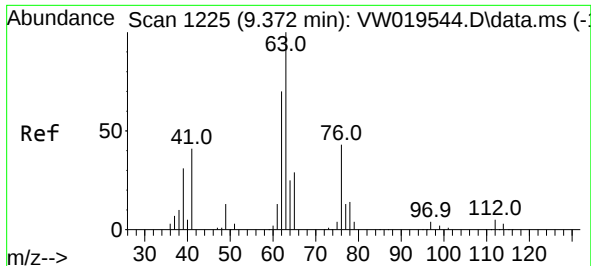


#35
Methylcyclohexane
Concen: 4.355 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW019554.D
Acq: 22 Jul 2021 15:31

Tgt Ion: 83 Resp: 46838

Ion	Ratio	Lower	Upper
83	100		
55	0.3	58.9	88.3#
98	0.0	40.1	60.1#

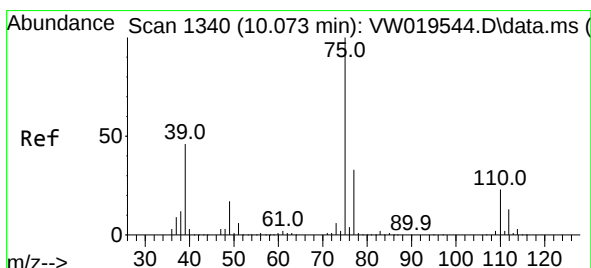
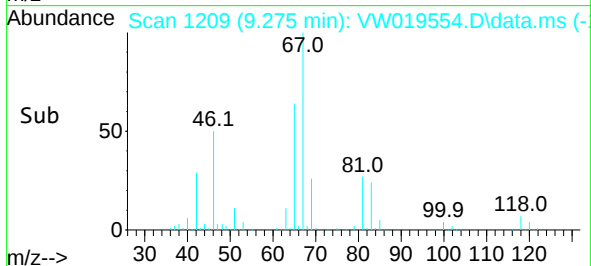
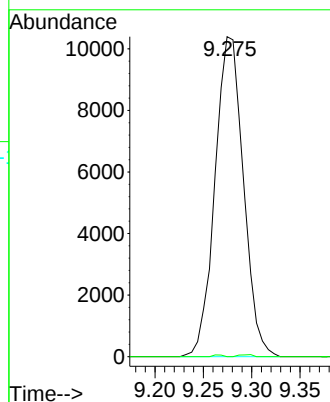
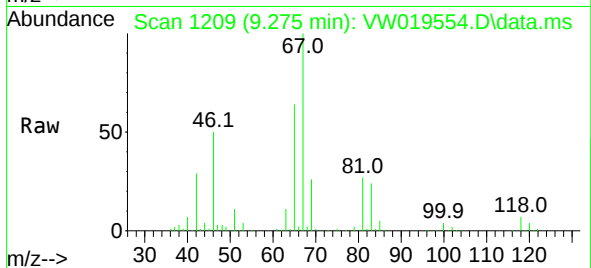




#37
1,2-Dichloropropane
Concen: 3.523 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW019554.D
Acq: 22 Jul 2021 15:31

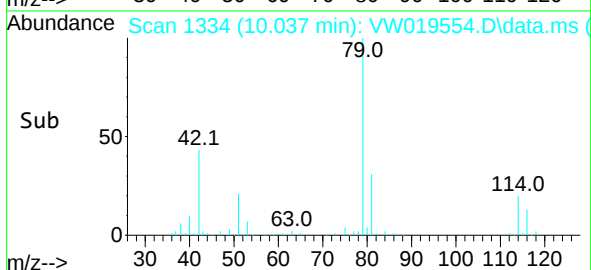
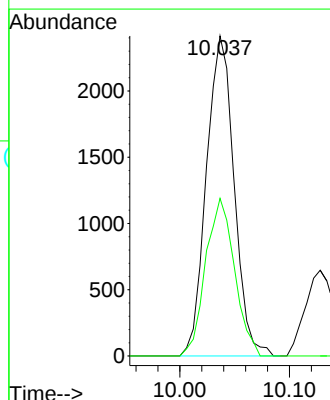
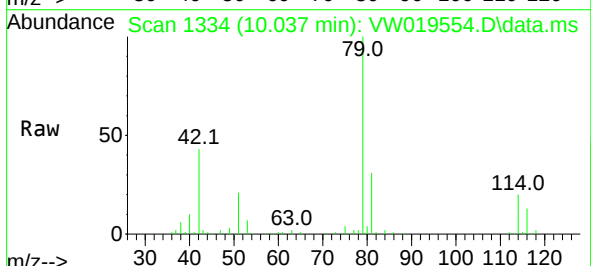
Instrument :
MSVOA_W
ClientSampled :

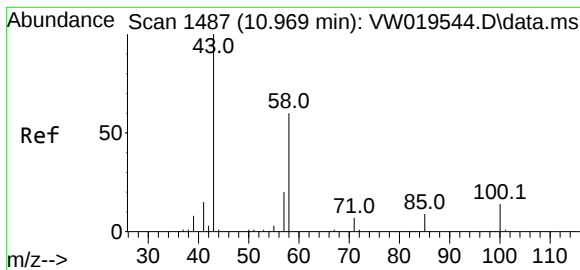
Tgt Ion: 63 Resp: 21260
Ion Ratio Lower Upper
63 100
112 0.2 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.460 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW019554.D
Acq: 22 Jul 2021 15:31

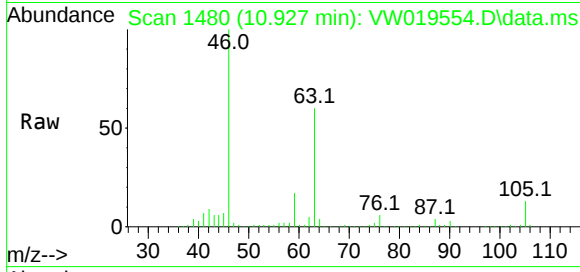
Tgt Ion: 75 Resp: 4243
Ion Ratio Lower Upper
75 100
77 49.3 22.6 42.0#





#48
 2-Hexanone
 Concen: 2.903 ug/L
 RT: 10.927 min Scan# 1480
 Delta R.T. -0.042 min
 Lab File: VW019554.D
 Acq: 22 Jul 2021 15:31

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp: 7531
Ion Ratio	Lower Upper
43	100
58	30.9 42.7 64.1#
57	31.7 15.8 23.8#
100	2.8 10.0 15.0#

