

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
 Data File : VW020141.D
 Acq On : 23 Sep 2021 13:14
 Operator : SY/VA
 Sample : M3834-06
 Misc : 4.50g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 24 01:41:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 24 01:36:59 2021
 Response via : Initial Calibration

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

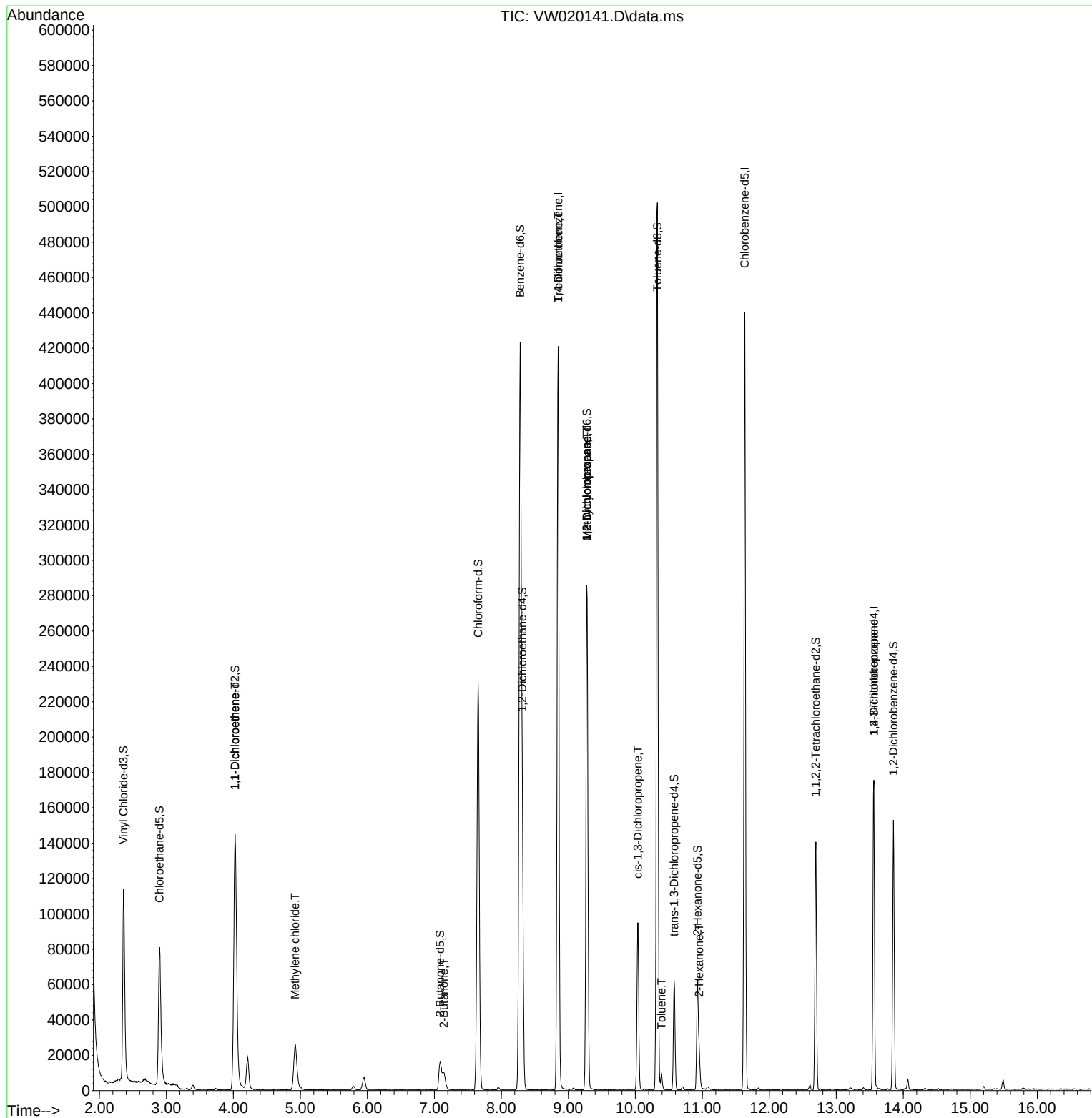
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	328187	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	233741	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	44825	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	136871	20.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.560%
7) Chloroethane-d5	2.898	69	109824	21.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.840%
11) 1,1-Dichloroethene-d2	4.026	63	162868	15.493	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.960%
21) 2-Butanone-d5	7.086	46	26217	25.305	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.600%
24) Chloroform-d	7.653	84	230262	22.309	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.240%
26) 1,2-Dichloroethane-d4	8.311	65	126300	22.736	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.960%
32) Benzene-d6	8.281	84	417109	27.971	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.880%
36) 1,2-Dichloropropane-d6	9.275	67	129260	29.951	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.800%
41) Toluene-d8	10.329	98	326698	24.078	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.320%
43) trans-1,3-Dichloroprop...	10.579	79	33871	18.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.440%
47) 2-Hexanone-d5	10.927	63	17207	28.811	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.620%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	67984	20.422	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	36388	21.649	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.026	96	1218	0.280	ug/L #	1
16) Methylene chloride	4.922	84	21811	3.766	ug/L	91
22) 2-Butanone	7.141	43	6440	5.594	ug/L #	48
34) Trichloroethene	8.848	95	10775	2.853	ug/L #	6
35) Methylcyclohexane	9.275	83	32791	5.329	ug/L #	19
37) 1,2-Dichloropropane	9.275	63	15919	4.556	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	2558	0.496	ug/L #	71
42) Toluene	10.390	91	5742	0.383	ug/L	91
48) 2-Hexanone	10.951	43	11168	9.111	ug/L #	41
61) 1,2,3-Trichloropropane	13.560	75	5822	6.878	ug/L #	67

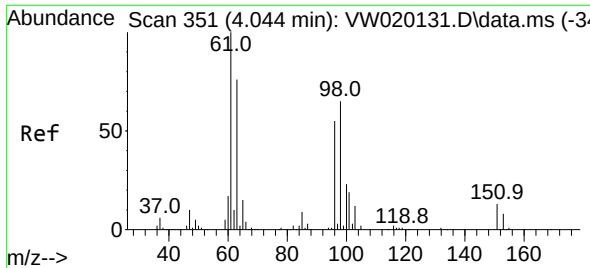
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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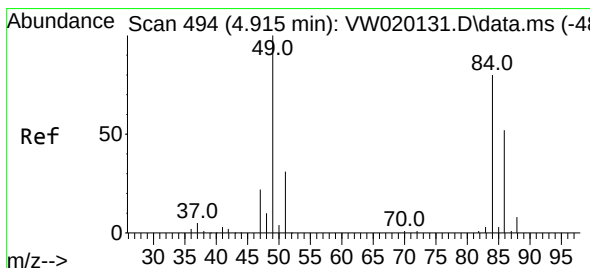
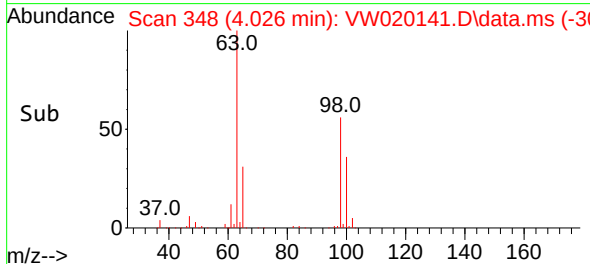
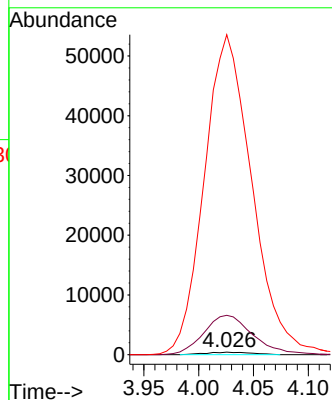
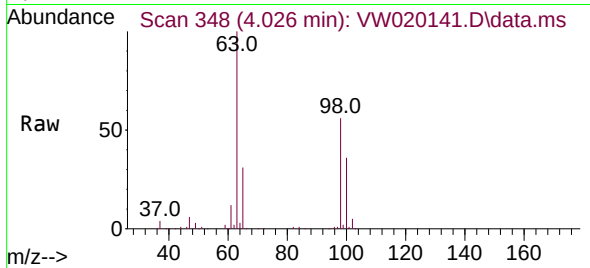




#12
1,1-Dichloroethene
Concen: 0.280 ug/L
RT: 4.026 min Scan# 348
Delta R.T. -0.018 min
Lab File: VW020141.D
Acq: 23 Sep 2021 13:14

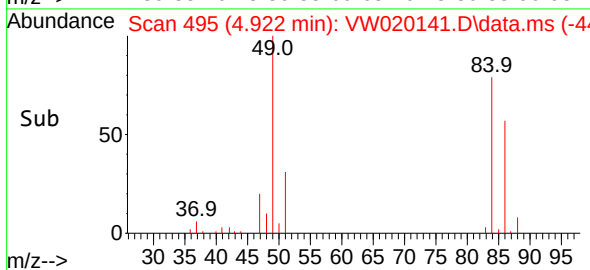
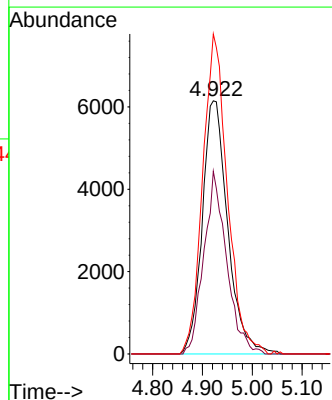
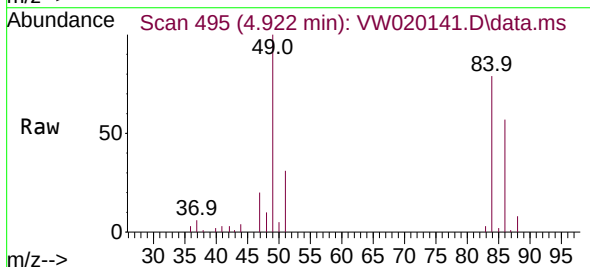
Instrument :
MSVOA_W
ClientSampled :

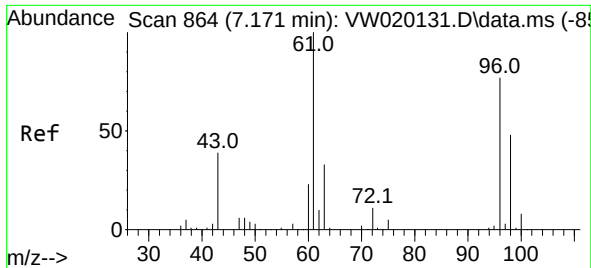
Tgt Ion: 96 Resp: 1218
Ion Ratio Lower Upper
96 100
61 1549.3 126.1 234.3#
63 12574.6 112.6 209.0#



#16
Methylene chloride
Concen: 3.766 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020141.D
Acq: 23 Sep 2021 13:14

Tgt Ion: 84 Resp: 21811
Ion Ratio Lower Upper
84 100
86 72.2 42.6 79.0
49 126.4 83.4 154.8

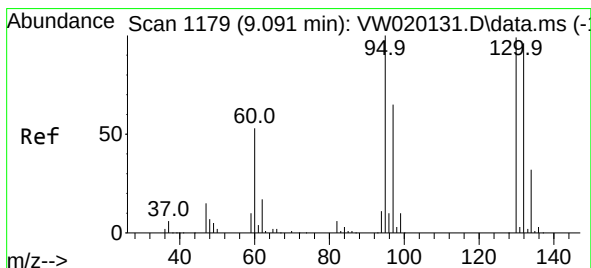
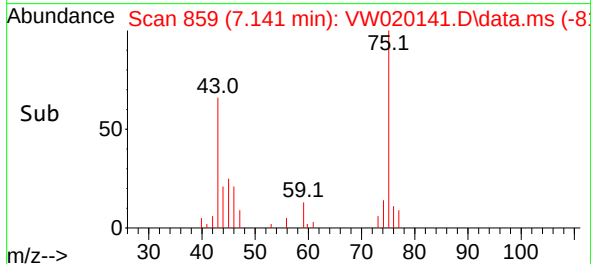
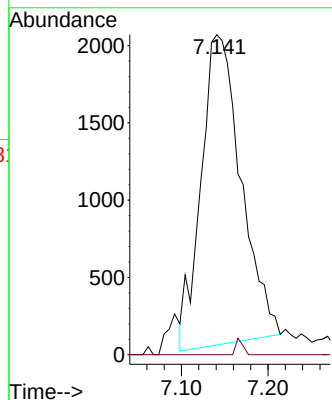
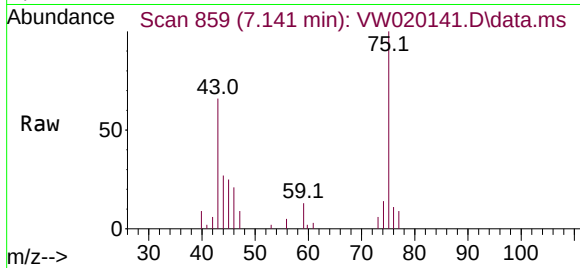




#22
2-Butanone
Concen: 5.594 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.030 min
Lab File: VW020141.D
Acq: 23 Sep 2021 13:14

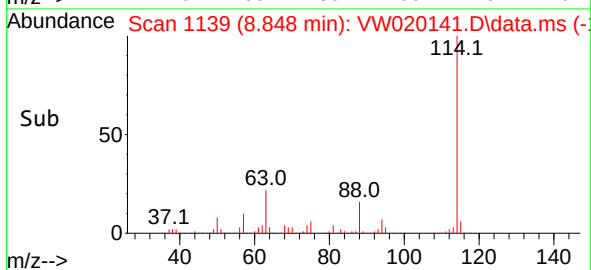
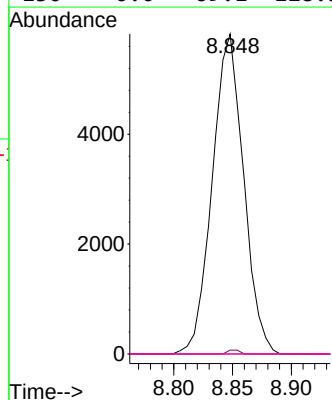
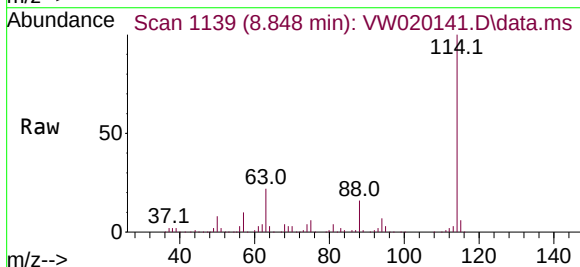
Instrument :
MSVOA_W
ClientSampled :

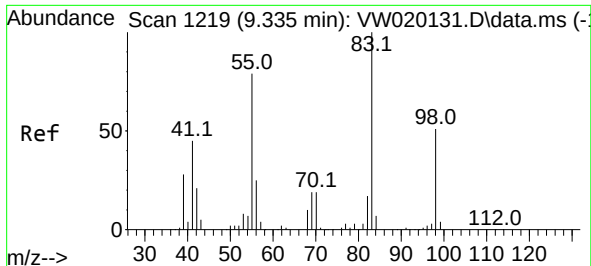
Tgt Ion: 43 Resp: 6440
Ion Ratio Lower Upper
43 100
72 0.9 14.1 42.2#



#34
Trichloroethene
Concen: 2.853 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW020141.D
Acq: 23 Sep 2021 13:14

Tgt Ion: 95 Resp: 10775
Ion Ratio Lower Upper
95 100
97 1.2 45.1 83.7#
132 0.0 67.9 126.1#
130 0.0 69.1 128.3#

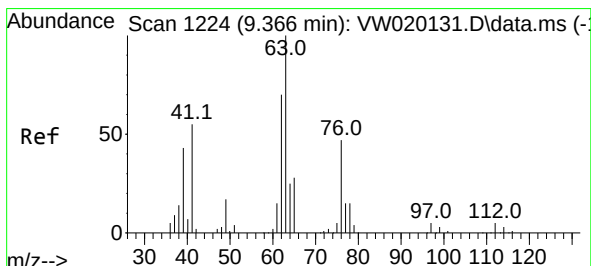
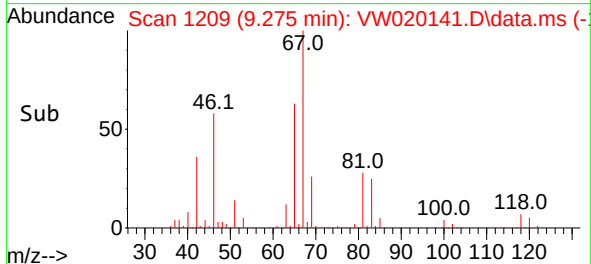
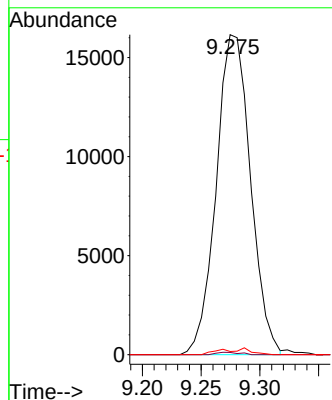
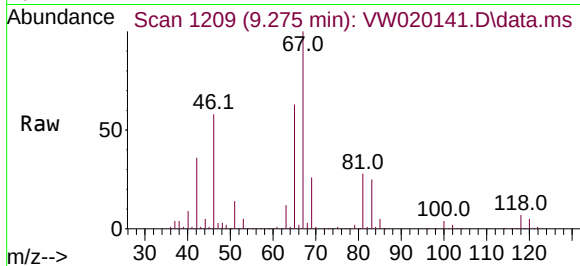




#35
Methylcyclohexane
Concen: 5.329 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW020141.D
Acq: 23 Sep 2021 13:14

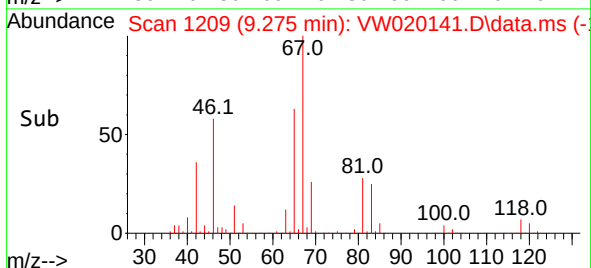
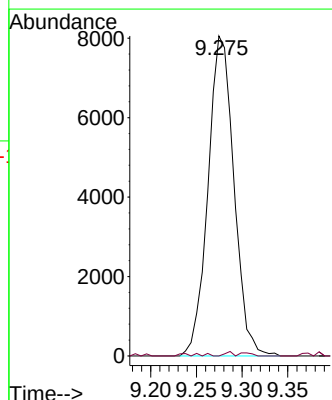
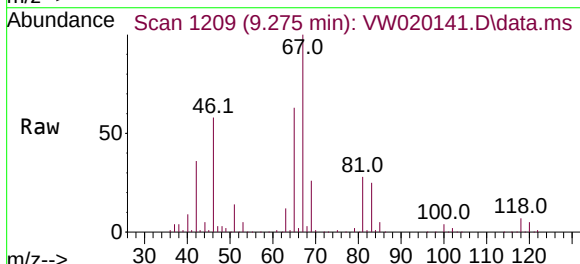
Instrument :
MSVOA_W
ClientSampled :

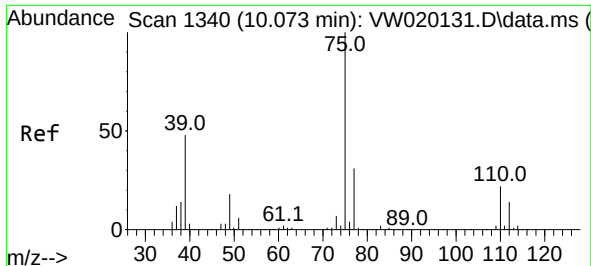
Tgt Ion: 83 Resp: 32791
Ion Ratio Lower Upper
83 100
55 0.5 61.4 92.2#
98 0.9 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 4.556 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW020141.D
Acq: 23 Sep 2021 13:14

Tgt Ion: 63 Resp: 15919
Ion Ratio Lower Upper
63 100
112 0.4 3.6 5.4#

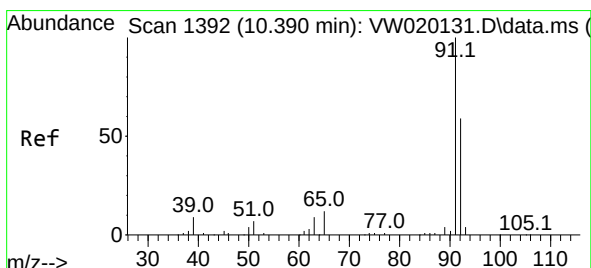
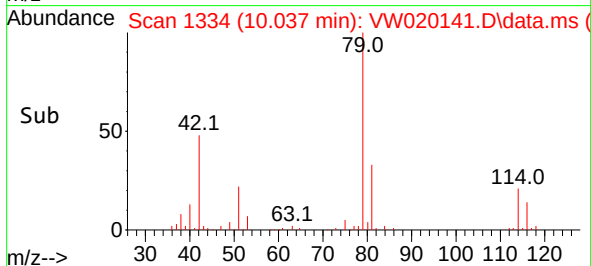
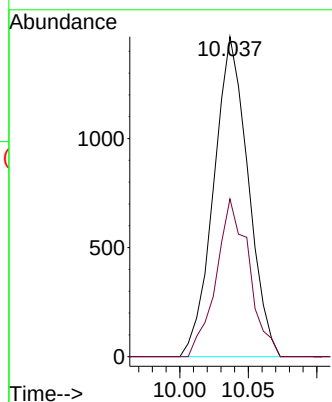
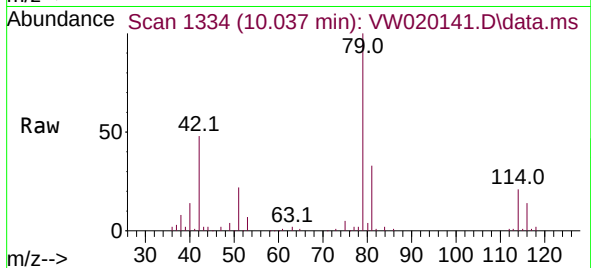




#39
 cis-1,3-Dichloropropene
 Concen: 0.496 ug/L
 RT: 10.037 min Scan# 1334
 Delta R.T. -0.036 min
 Lab File: VW020141.D
 Acq: 23 Sep 2021 13:14

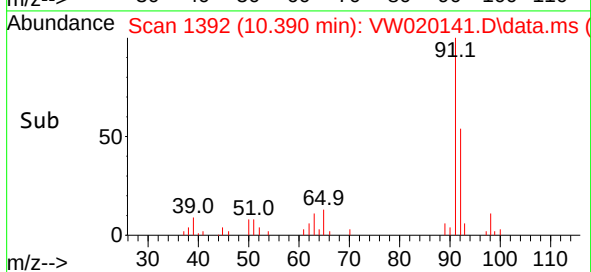
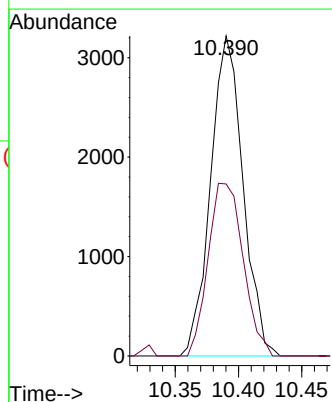
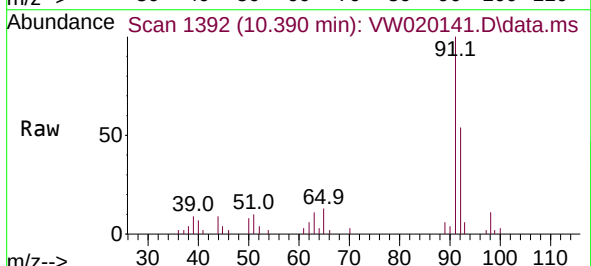
Instrument :
 MSVOA_W
 ClientSampled :

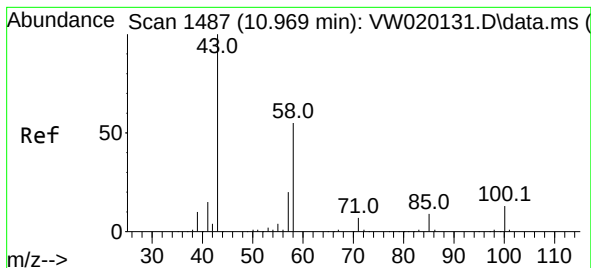
Tgt Ion: 75 Resp: 2558
 Ion Ratio Lower Upper
 75 100
 77 49.3 23.0 42.6#



#42
 Toluene
 Concen: 0.383 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VW020141.D
 Acq: 23 Sep 2021 13:14

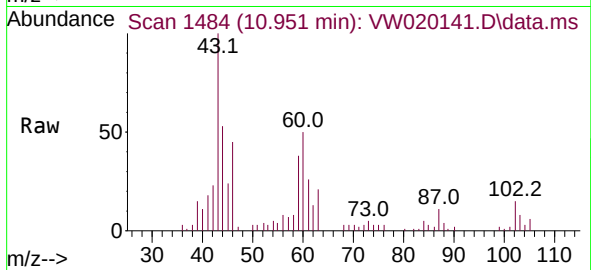
Tgt Ion: 91 Resp: 5742
 Ion Ratio Lower Upper
 91 100
 92 53.7 42.2 78.4



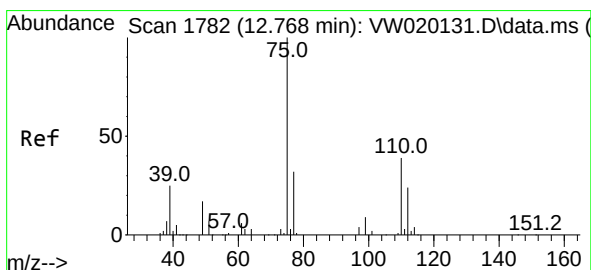
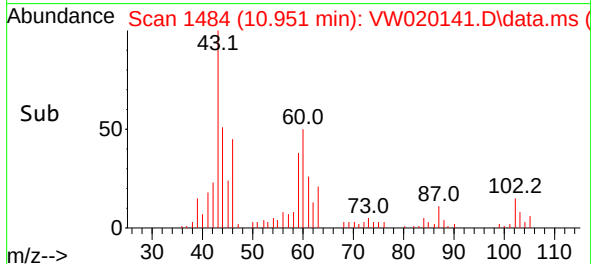
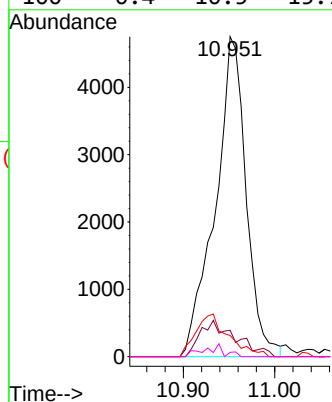


#48
2-Hexanone
Concen: 9.111 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.018 min
Lab File: VW020141.D
Acq: 23 Sep 2021 13:14

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:	43	Resp:	11168
Ion Ratio	Lower	Upper	
43	100		
58	3.2	43.8	65.6#
57	0.0	15.6	23.4#
100	0.4	10.5	15.7#



#61
1,2,3-Trichloropropane
Concen: 6.878 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.793 min
Lab File: VW020141.D
Acq: 23 Sep 2021 13:14

Tgt Ion:	75	Resp:	5822
Ion Ratio	Lower	Upper	
75	100		
77	36.0	26.3	39.5
110	3.1	30.2	45.2#

