

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082021\
 Data File : VW019836.D
 Acq On : 20 Aug 2021 16:09
 Operator : SY/VA
 Sample : M3486-05RE
 Misc : 4.30g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 23:36:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 20 23:32:55 2021
 Response via : Initial Calibration

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

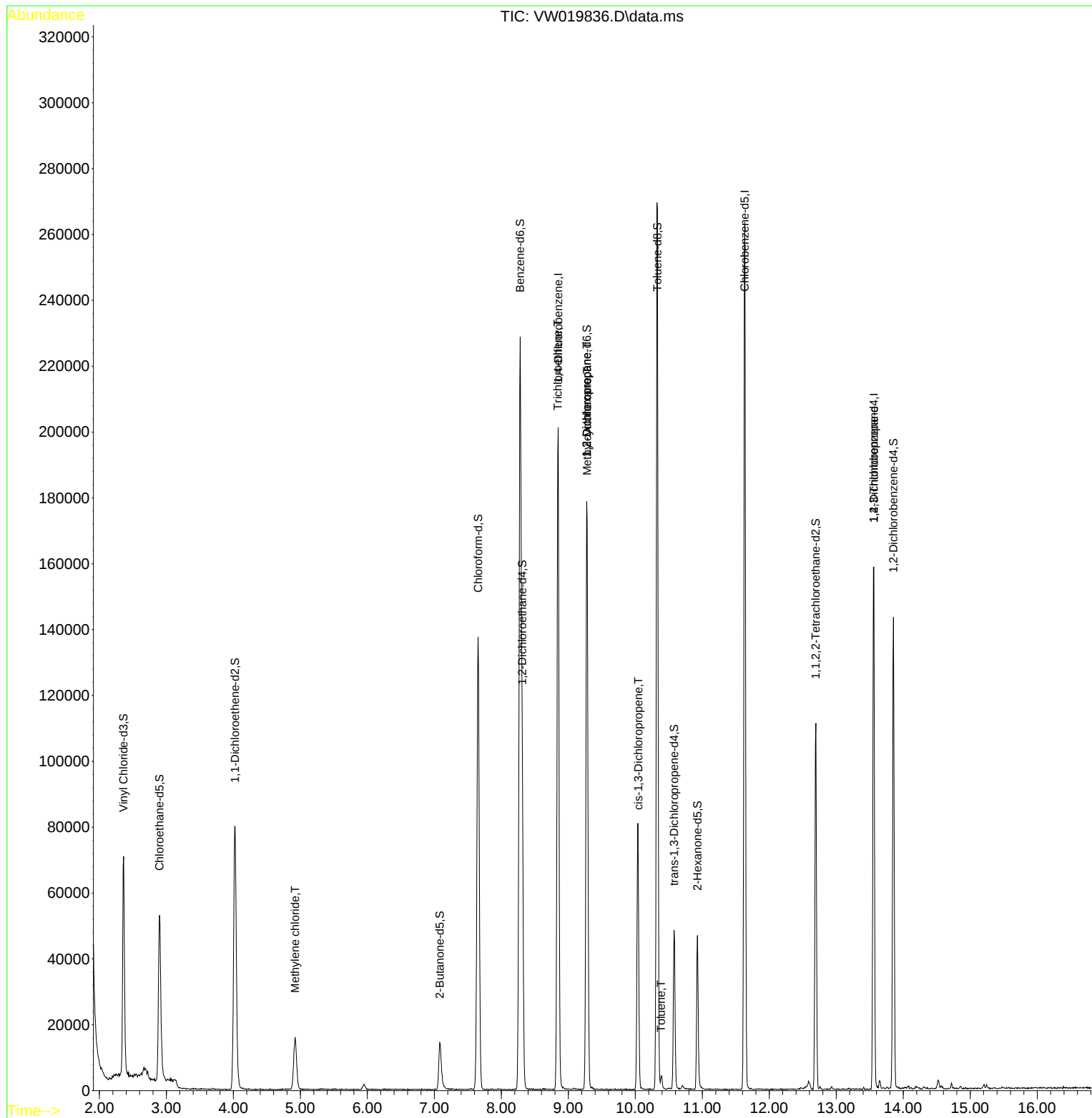
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	162450	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	145962	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	41949	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	74456	29.581	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.320%
7) Chloroethane-d5	2.898	69	66935	30.298	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.200%
11) 1,1-Dichloroethene-d2	4.025	63	80762	18.491	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.960%
21) 2-Butanone-d5	7.080	46	23046	45.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.160%
24) Chloroform-d	7.653	84	137012	30.668	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	122.680%
26) 1,2-Dichloroethane-d4	8.311	65	72839	30.254	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.000%
32) Benzene-d6	8.281	84	225054	27.042	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.160%
36) 1,2-Dichloropropane-d6	9.274	67	82855	32.876	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.520%#
41) Toluene-d8	10.329	98	176715	23.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.680%
43) trans-1,3-Dichloroprop...	10.579	79	27088	26.017	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.080%
47) 2-Hexanone-d5	10.927	63	14692	41.846	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.700%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	54183	26.415	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	36079	25.073	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.280%
Target Compounds						Qvalue
16) Methylene chloride	4.922	84	12076	4.331	ug/L	87
34) Trichloroethene	8.842	95	5148	2.211	ug/L #	5
35) Methylcyclohexane	9.281	83	19983	5.003	ug/L #	20
37) 1,2-Dichloropropane	9.274	63	9651	4.350	ug/L #	87
39) cis-1,3-Dichloropropene	10.043	75	2137	0.654	ug/L #	58
42) Toluene	10.384	91	2876	0.303	ug/L	90
61) 1,2,3-Trichloropropane	13.560	75	5659	6.880	ug/L #	63

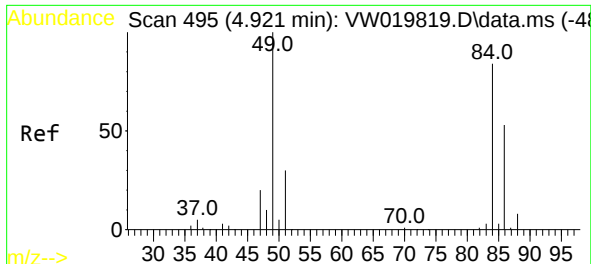
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 20 23:32:55 2021
Response via : Initial Calibration

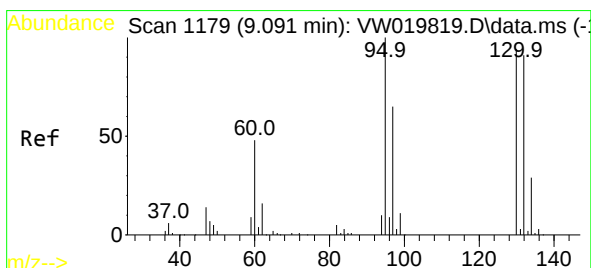
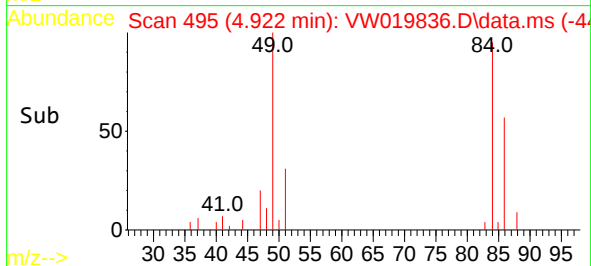
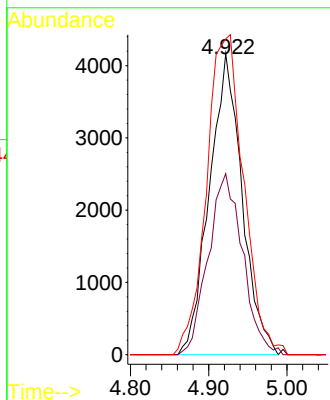
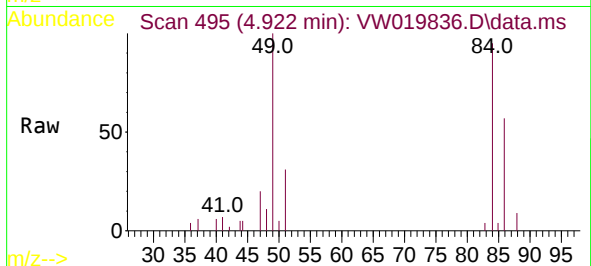




#16
Methylene chloride
Concen: 4.331 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019836.D
Acq: 20 Aug 2021 16:09

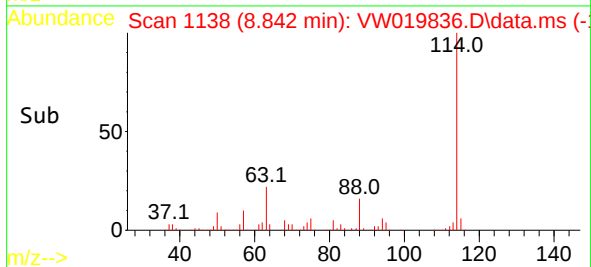
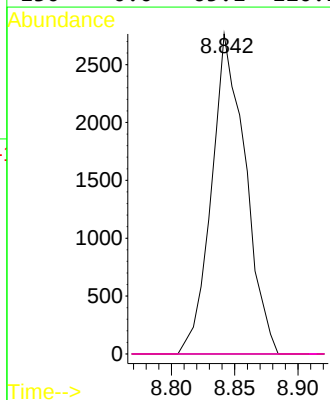
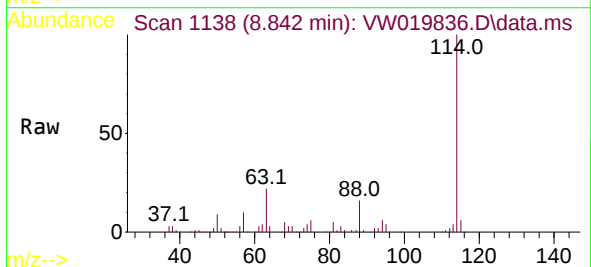
Instrument :
MSVOA_W
ClientSampled :

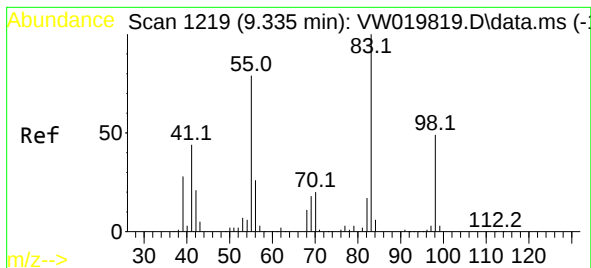
Tgt Ion: 84 Resp: 12076
Ion Ratio Lower Upper
84 100
86 60.1 45.3 84.1
49 104.9 86.6 160.8



#34
Trichloroethene
Concen: 2.211 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW019836.D
Acq: 20 Aug 2021 16:09

Tgt Ion: 95 Resp: 5148
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#

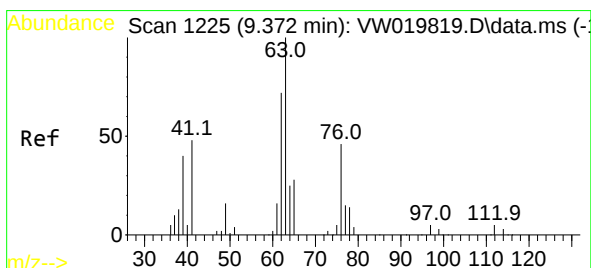
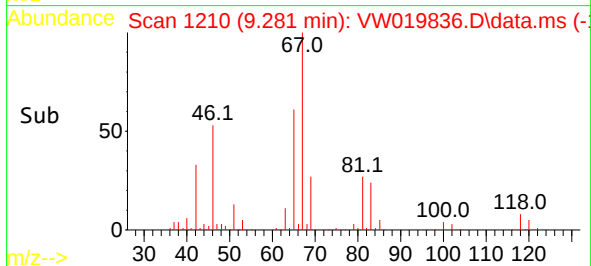
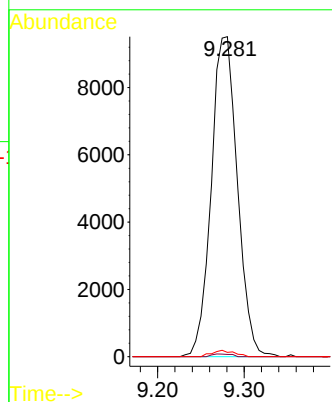
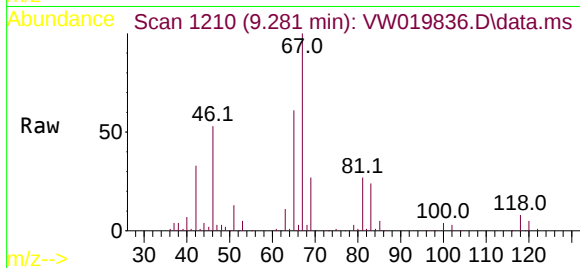




#35
Methylcyclohexane
Concen: 5.003 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.055 min
Lab File: VW019836.D
Acq: 20 Aug 2021 16:09

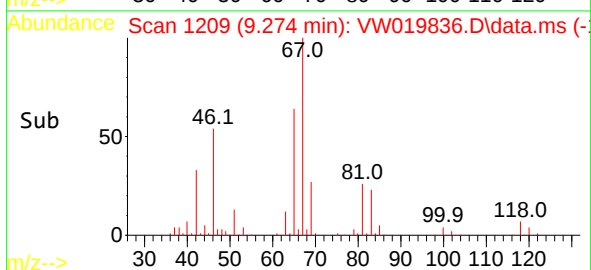
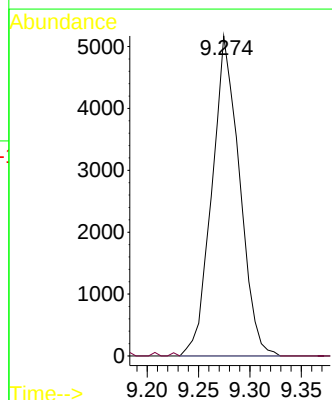
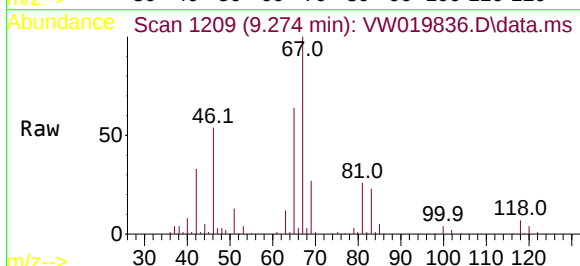
Instrument :
MSVOA_W
ClientSampled :

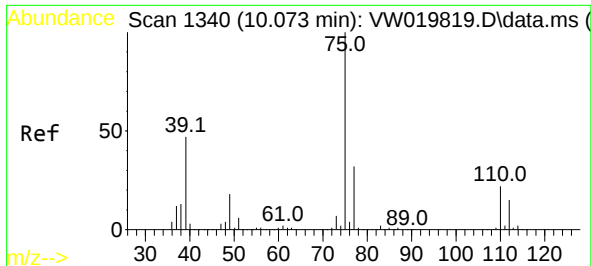
Tgt Ion: 83 Resp: 19983
Ion Ratio Lower Upper
83 100
55 0.5 58.9 88.3#
98 1.7 40.1 60.1#



#37
1,2-Dichloropropane
Concen: 4.350 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW019836.D
Acq: 20 Aug 2021 16:09

Tgt Ion: 63 Resp: 9651
Ion Ratio Lower Upper
63 100
112 0.6 3.9 5.9#

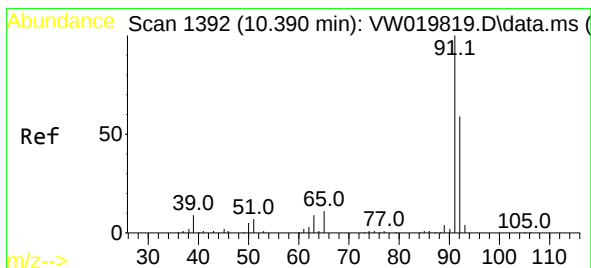
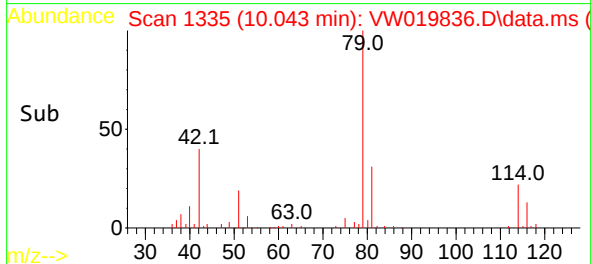
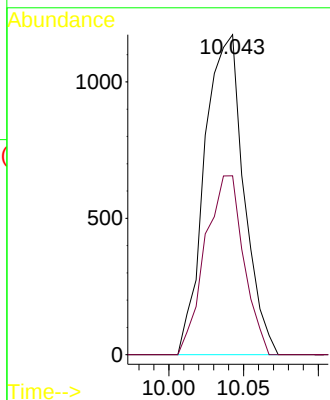
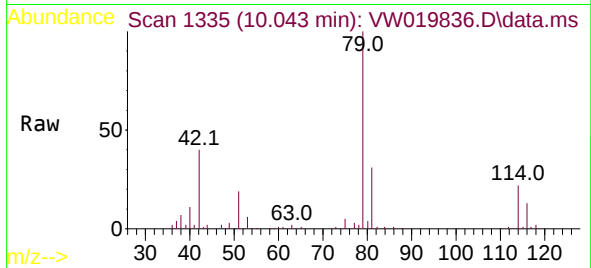




#39
cis-1,3-Dichloropropene
Concen: 0.654 ug/L
RT: 10.043 min Scan# 1335
Delta R.T. -0.030 min
Lab File: VW019836.D
Acq: 20 Aug 2021 16:09

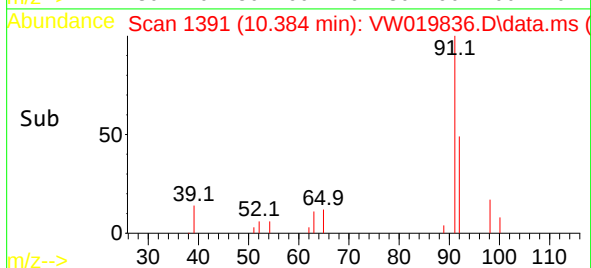
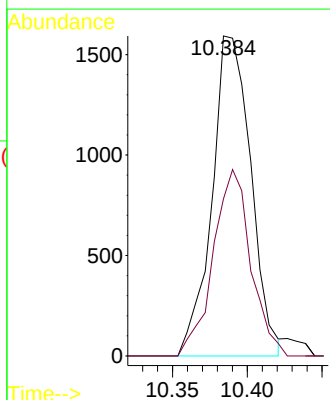
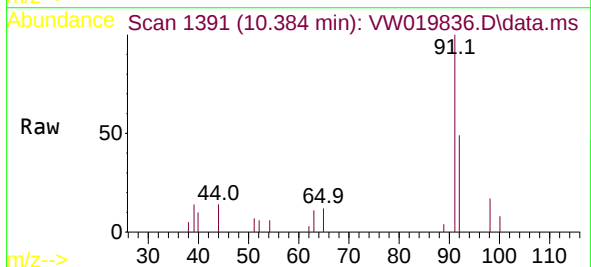
Instrument :
MSVOA_W
ClientSampled :

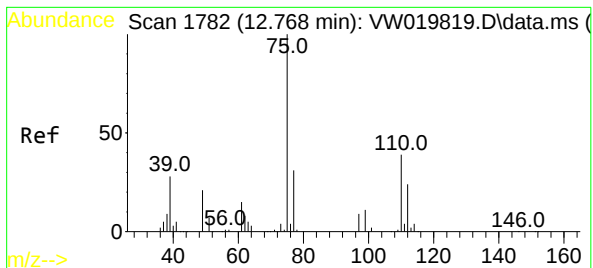
Tgt Ion: 75 Resp: 2137
Ion Ratio Lower Upper
75 100
77 55.9 22.6 42.0#



#42
Toluene
Concen: 0.303 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW019836.D
Acq: 20 Aug 2021 16:09

Tgt Ion: 91 Resp: 2876
Ion Ratio Lower Upper
91 100
92 49.1 39.5 73.3





#61
1,2,3-Trichloropropane
Concen: 6.880 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.793 min
Lab File: VW019836.D
Acq: 20 Aug 2021 16:09

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 5659
Ion Ratio Lower Upper
75 100
77 33.4 25.3 37.9
110 1.4 32.6 48.8#

