

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
 Data File : VW019790.D
 Acq On : 18 Aug 2021 22:04
 Operator : SY/VA
 Sample : M3458-19
 Misc : 5.09g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

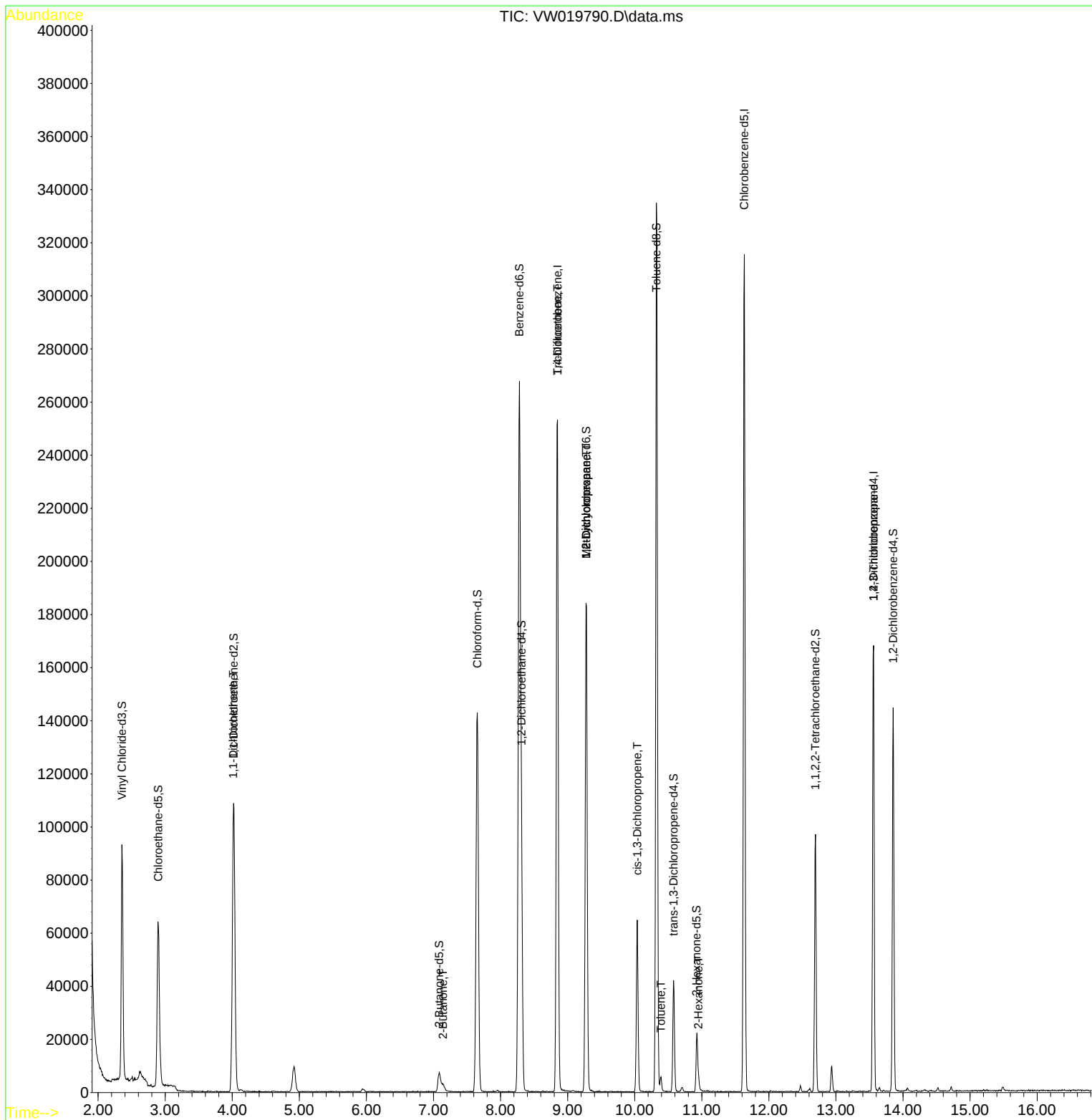
Quant Time: Aug 19 05:19:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 19 05:14:25 2021
 Response via : Initial Calibration

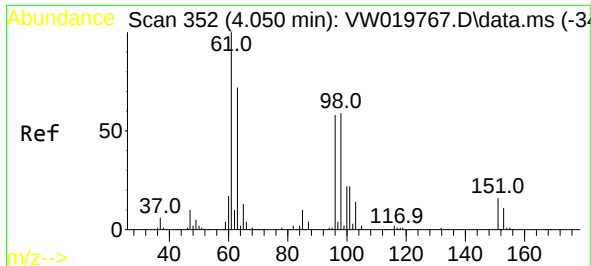
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	208981	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	173517	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	44433	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	93788	28.965	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.880%
7) Chloroethane-d5	2.898	69	79137	27.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.400%
11) 1,1-Dichloroethene-d2	4.019	63	106018	18.869	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.480%
21) 2-Butanone-d5	7.086	46	12051	18.323	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.640%
24) Chloroform-d	7.653	84	146413	25.475	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.920%
26) 1,2-Dichloroethane-d4	8.311	65	75462	24.365	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.440%
32) Benzene-d6	8.281	84	269763	27.267	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.080%
36) 1,2-Dichloropropane-d6	9.274	67	86229	28.781	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.120%
41) Toluene-d8	10.323	98	218055	24.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	10.579	79	23093	18.658	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.640%
47) 2-Hexanone-d5	10.920	63	6333	15.173	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	30.340%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	46926	19.244	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	36578	23.999	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.013	96	947	0.335	ug/L #	1
22) 2-Butanone	7.141	43	2928	4.024	ug/L #	45
34) Trichloroethene	8.848	95	6544	2.364	ug/L #	5
35) Methylcyclohexane	9.274	83	20641	4.347	ug/L #	20
37) 1,2-Dichloropropane	9.274	63	9587	3.635	ug/L #	87
39) cis-1,3-Dichloropropene	10.036	75	1623	0.418	ug/L	88
42) Toluene	10.390	91	3386	0.300	ug/L	96
48) 2-Hexanone	10.951	43	1684	1.725	ug/L #	40
61) 1,2,3-Trichloropropane	13.560	75	6077	6.976	ug/L #	64

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

Quant Time: Aug 19 05:19:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Aug 19 05:14:25 2021
Response via : Initial Calibration

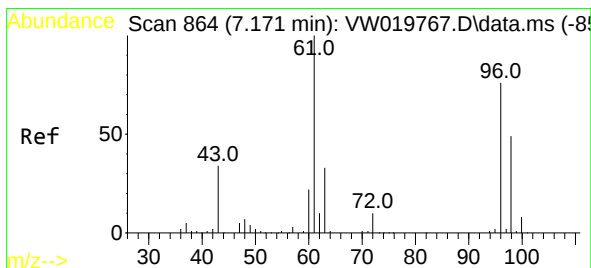
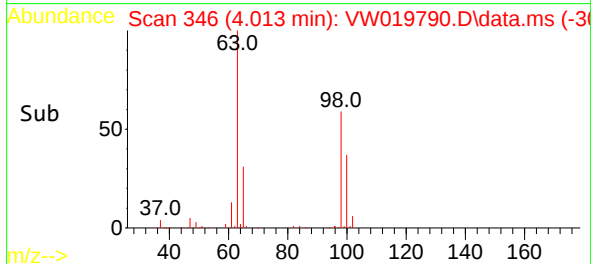
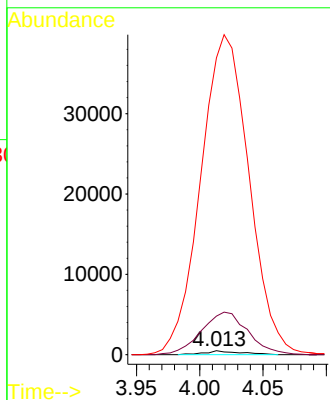
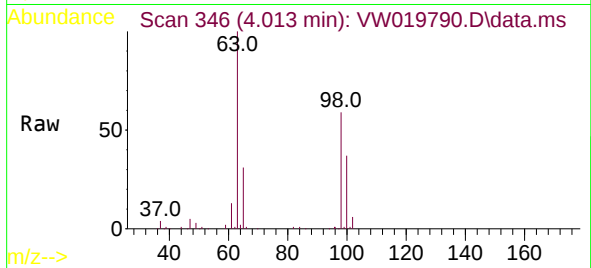




#12
1,1-Dichloroethene
Concen: 0.335 ug/L
RT: 4.013 min Scan# 346
Delta R.T. -0.037 min
Lab File: VW019790.D
Acq: 18 Aug 2021 22:04

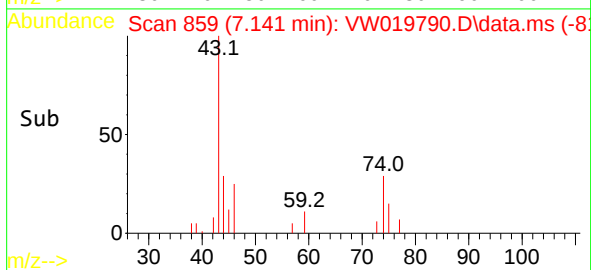
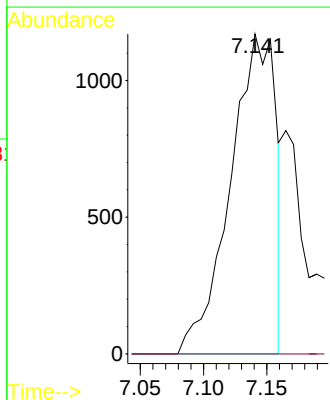
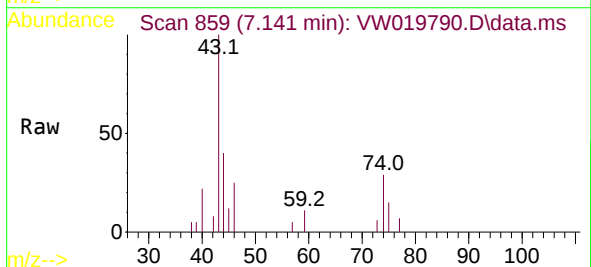
Instrument :
MSVOA_W
ClientSampled :

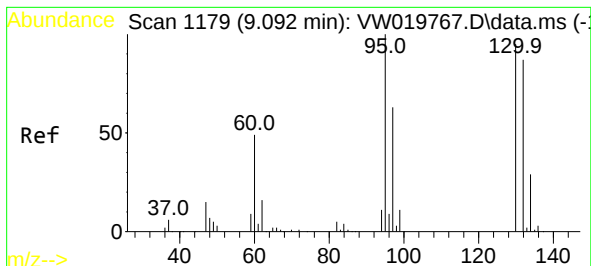
Tgt Ion: 96 Resp: 947
Ion Ratio Lower Upper
96 100
61 965.8 118.1 219.3#
63 7433.4 83.7 155.5#



#22
2-Butanone
Concen: 4.024 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.030 min
Lab File: VW019790.D
Acq: 18 Aug 2021 22:04

Tgt Ion: 43 Resp: 2928
Ion Ratio Lower Upper
43 100
72 0.0 14.9 44.7#

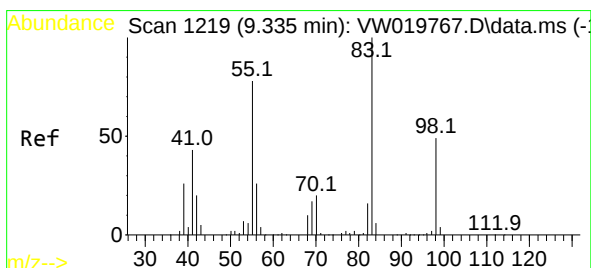
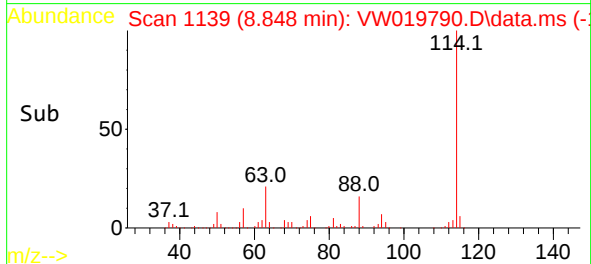
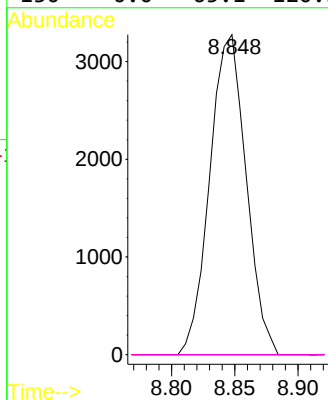
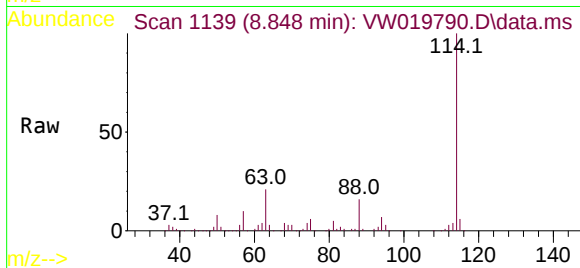




#34
Trichloroethene
Concen: 2.364 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW019790.D
Acq: 18 Aug 2021 22:04

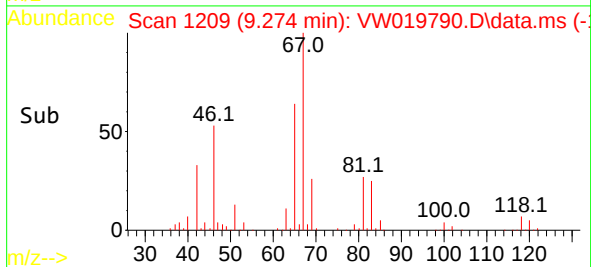
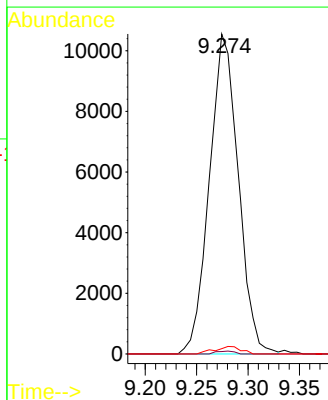
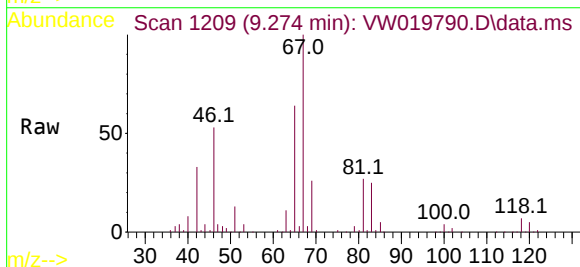
Instrument :
MSVOA_W
ClientSampled :

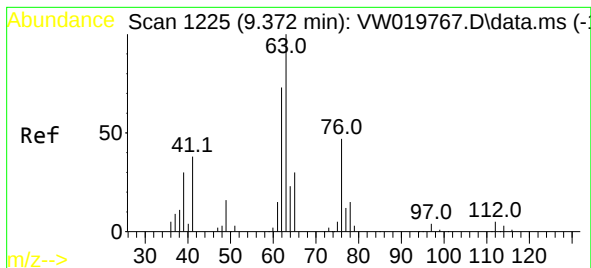
Tgt Ion:	95	Resp:	6544
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.3	87.8#
132	0.0	71.0	131.8#
130	0.0	65.1	120.9#



#35
Methylcyclohexane
Concen: 4.347 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW019790.D
Acq: 18 Aug 2021 22:04

Tgt Ion:	83	Resp:	20641
Ion	Ratio	Lower	Upper
83	100		
55	0.6	58.9	88.3#
98	2.1	40.1	60.1#

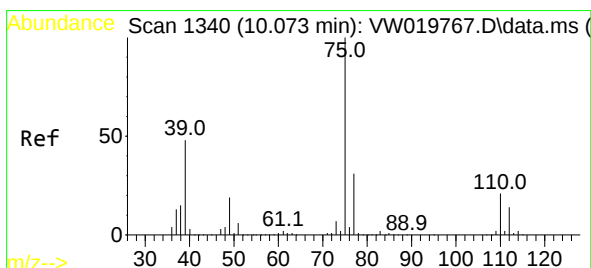
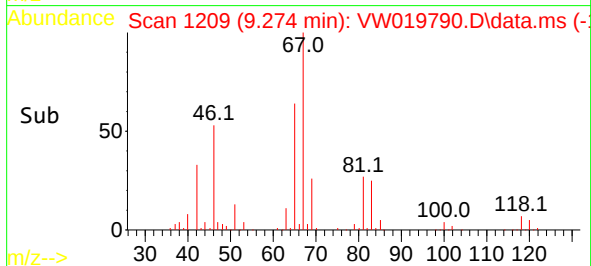
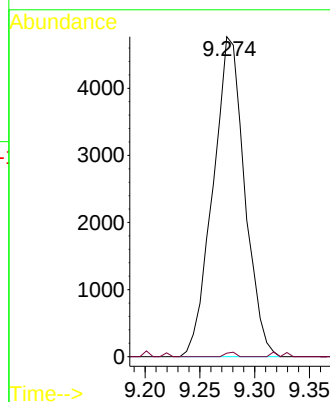
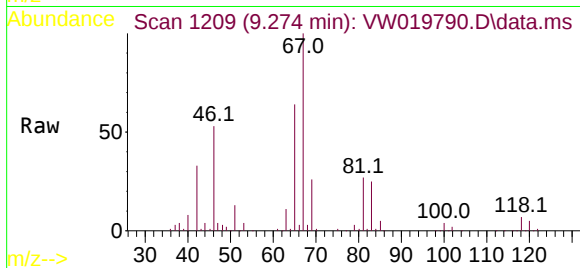




#37
1,2-Dichloropropane
Concen: 3.635 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW019790.D
Acq: 18 Aug 2021 22:04

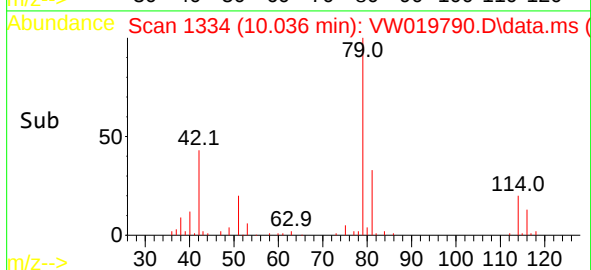
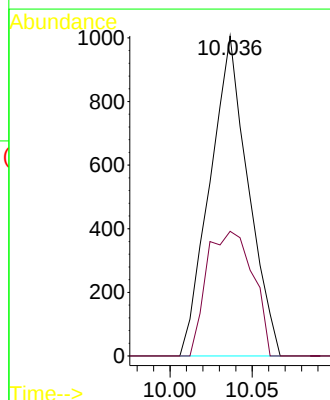
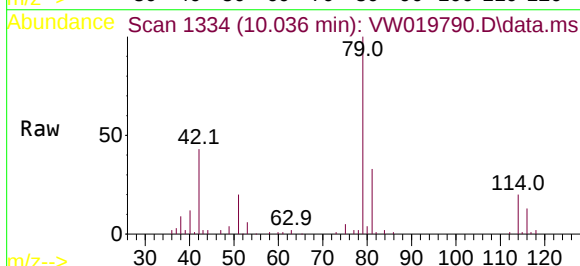
Instrument :
MSVOA_W
ClientSampled :

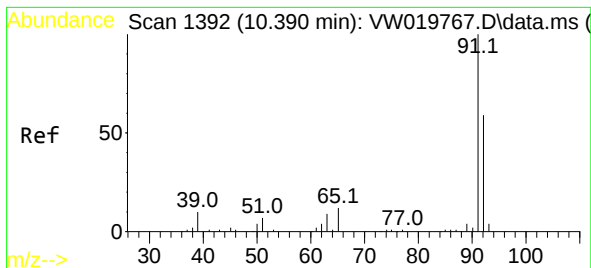
Tgt Ion: 63 Resp: 9587
Ion Ratio Lower Upper
63 100
112 0.5 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.418 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019790.D
Acq: 18 Aug 2021 22:04

Tgt Ion: 75 Resp: 1623
Ion Ratio Lower Upper
75 100
77 39.0 22.6 42.0





#42

Toluene

Concen: 0.300 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019790.D

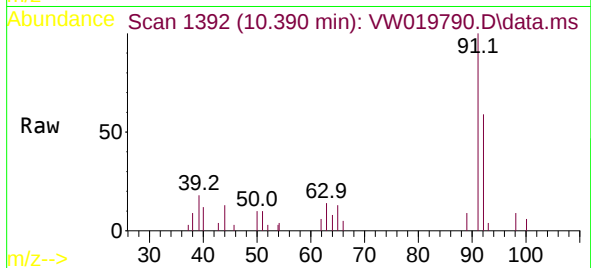
Acq: 18 Aug 2021 22:04

Tgt Ion: 91 Resp: 3386

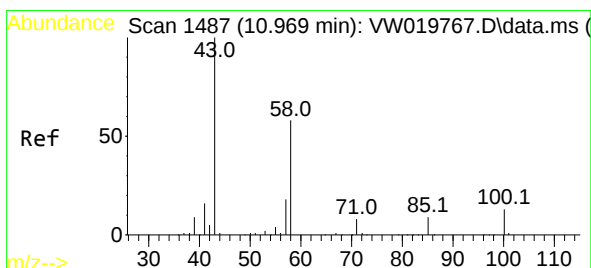
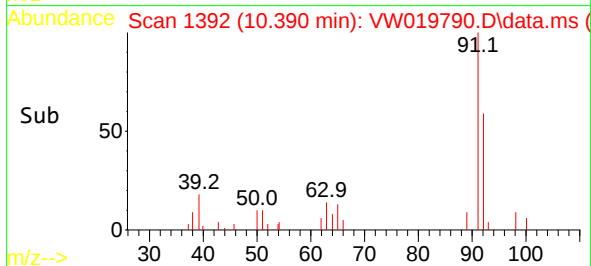
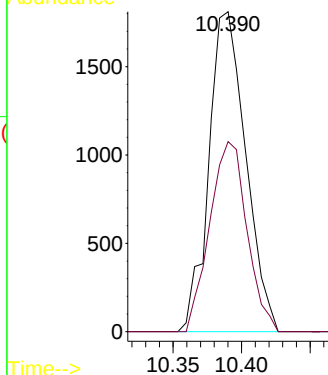
Ion Ratio Lower Upper

91 100

92 59.4 39.5 73.3



Abundance



#48

2-Hexanone

Concen: 1.725 ug/L

RT: 10.951 min Scan# 1484

Delta R.T. -0.018 min

Lab File: VW019790.D

Acq: 18 Aug 2021 22:04

Tgt Ion: 43 Resp: 1684

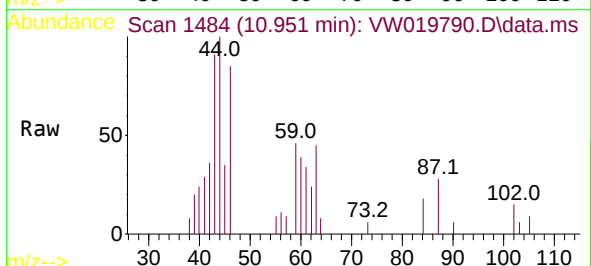
Ion Ratio Lower Upper

43 100

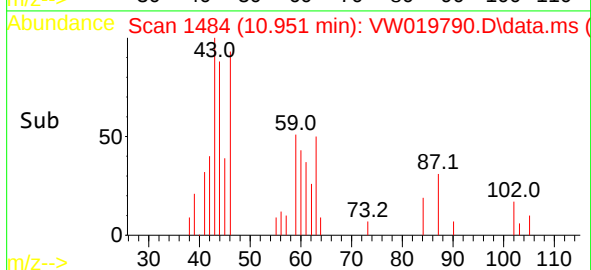
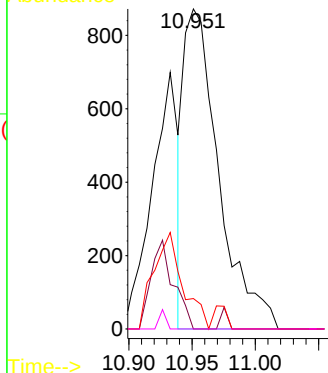
58 0.0 42.7 64.1#

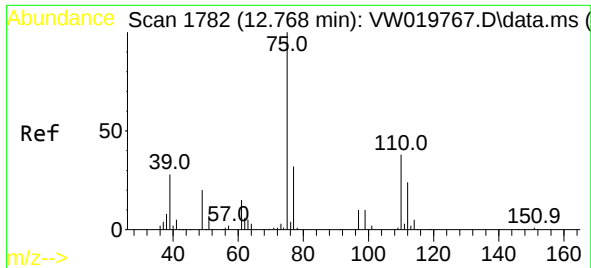
57 2.7 15.8 23.8#

100 0.0 10.0 15.0#



Abundance





#61
 1,2,3-Trichloropropane
 Concen: 6.976 ug/L
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.793 min
 Lab File: VW019790.D
 Acq: 18 Aug 2021 22:04

Instrument :
 MSVOA_W
 ClientSampled :

Tgt Ion: 75	Resp:	6077
Ion Ratio	Lower	Upper
75	100	
77	33.2	25.3 37.9
110	2.5	32.6 48.8#

