

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081921\
 Data File : VW019814.D
 Acq On : 19 Aug 2021 17:26
 Operator : SY/VA
 Sample : M3472-11
 Misc : 6.12g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 00:47:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 20 00:38:38 2021
 Response via : Initial Calibration

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

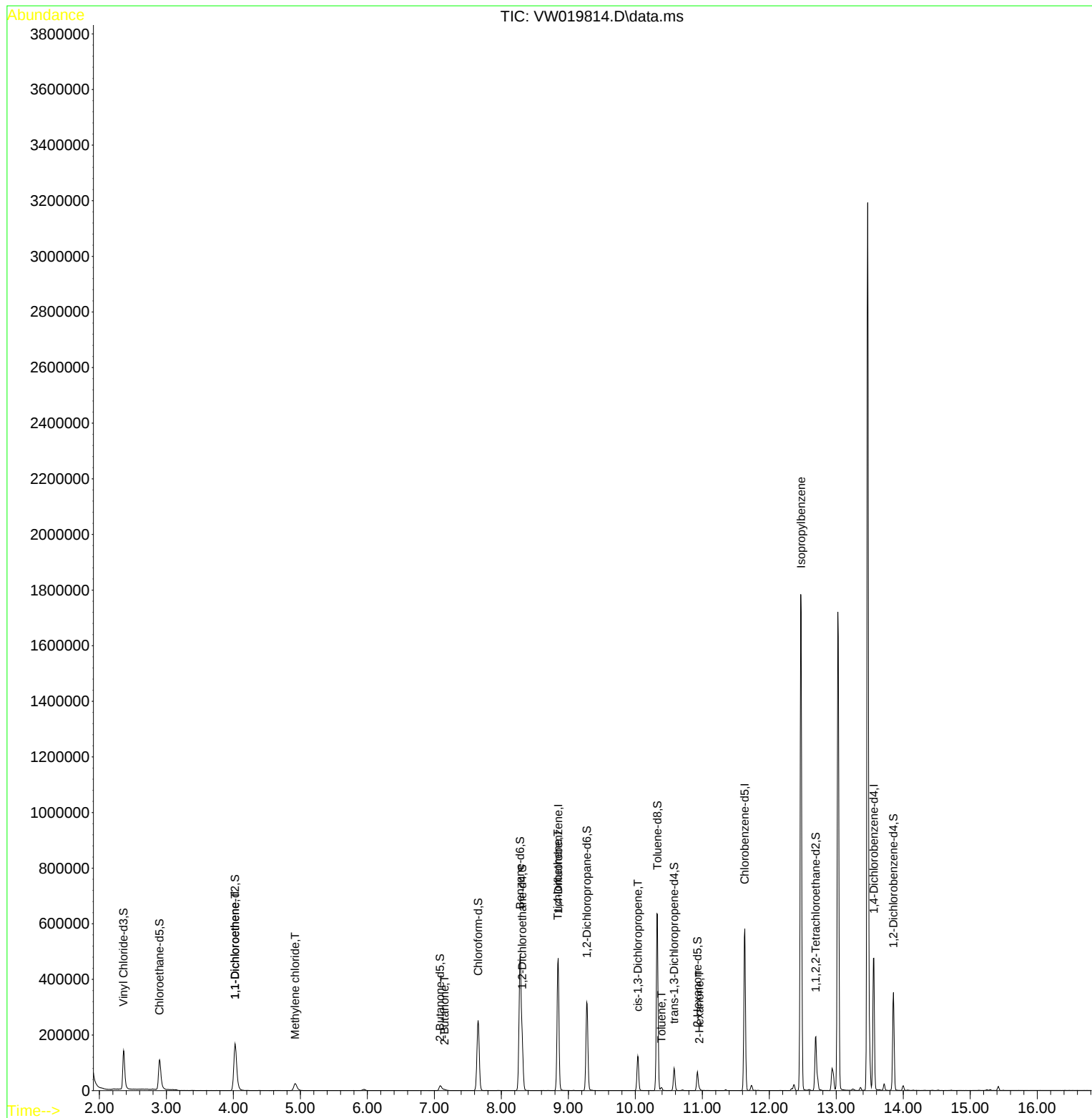
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	387525	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	319125	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	116843	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	175861	29.289	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.160%
7) Chloroethane-d5	2.898	69	150774	28.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.440%
11) 1,1-Dichloroethene-d2	4.025	63	186477	17.898	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.600%
21) 2-Butanone-d5	7.086	46	29564	24.241	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.480%
24) Chloroform-d	7.653	84	255026	23.929	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.720%
26) 1,2-Dichloroethane-d4	8.311	65	129065	22.472	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.880%
32) Benzene-d6	8.281	84	493664	27.131	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.520%
36) 1,2-Dichloropropane-d6	9.274	67	147312	26.735	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.920%
41) Toluene-d8	10.329	98	416178	24.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.840%
43) trans-1,3-Dichloroprop...	10.579	79	44583	19.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.360%
47) 2-Hexanone-d5	10.927	63	20268	26.404	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.800%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	94884	21.157	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	86256	21.521	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.080%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.025	96	1621	0.309	ug/L #	1
16) Methylene chloride	4.922	84	21639	3.253	ug/L	94
22) 2-Butanone	7.153	43	6148	4.557	ug/L #	45
34) Trichloroethene	8.842	95	11770	2.312	ug/L #	5
39) cis-1,3-Dichloropropene	10.036	75	3527	0.494	ug/L #	80
42) Toluene	10.390	91	7057	0.340	ug/L	91
48) 2-Hexanone	10.957	43	1936	1.078	ug/L #	42
60) Isopropylbenzene	12.475	105	72182	4.559	ug/L #	1

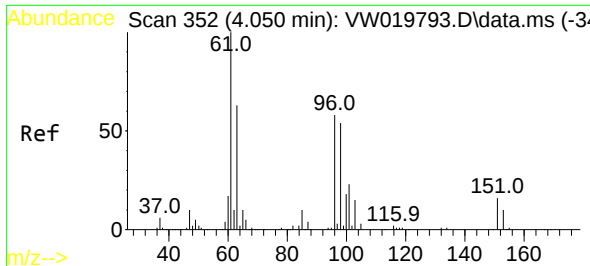
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Aug 20 00:38:38 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.309 ug/L

RT: 4.025 min Scan# 348

Delta R.T. -0.024 min

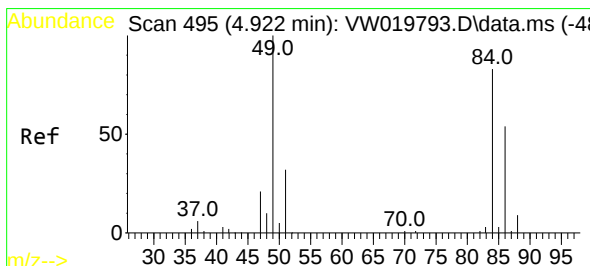
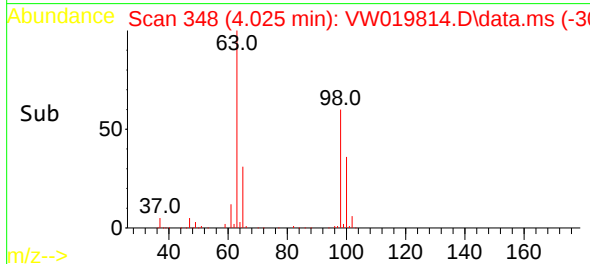
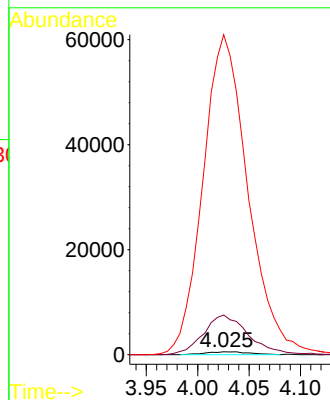
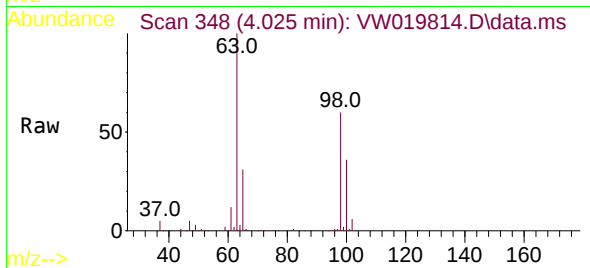
Lab File: VW019814.D

Acq: 19 Aug 2021 17:26

Tgt Ion: 96 Resp: 1621

Ion	Ratio	Lower	Upper
96	100		
61	1345.1	118.1	219.3#
63	10864.9	83.7	155.5#

Instrument :
MSVOA_W
ClientSampled :



#16

Methylene chloride

Concen: 3.253 ug/L

RT: 4.922 min Scan# 495

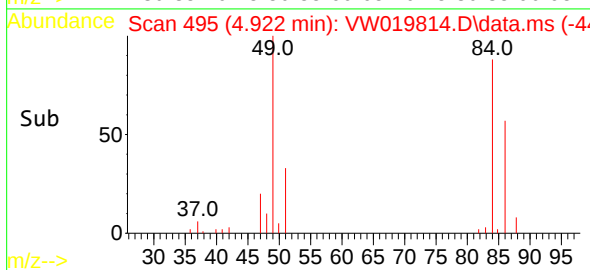
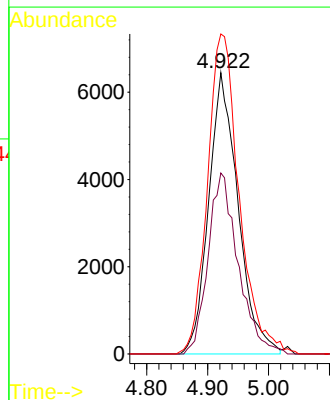
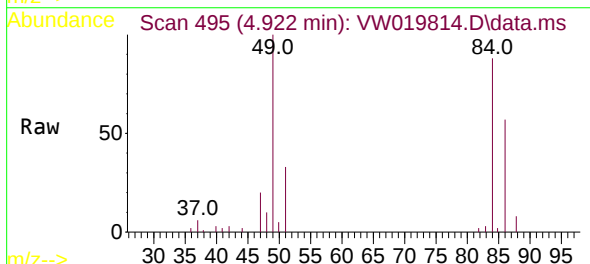
Delta R.T. -0.000 min

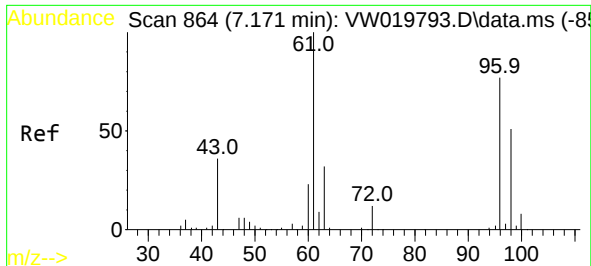
Lab File: VW019814.D

Acq: 19 Aug 2021 17:26

Tgt Ion: 84 Resp: 21639

Ion	Ratio	Lower	Upper
84	100		
86	64.3	45.3	84.1
49	113.8	86.6	160.8

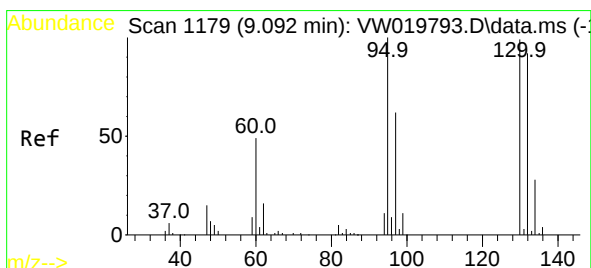
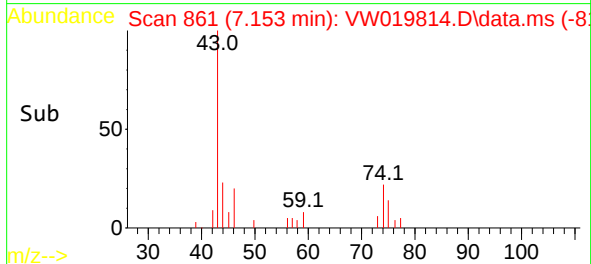
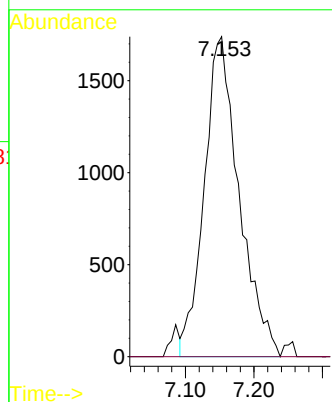
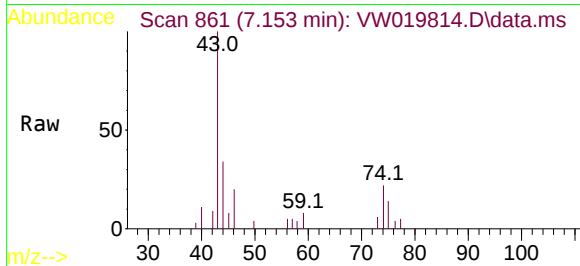




#22
2-Butanone
Concen: 4.557 ug/L
RT: 7.153 min Scan# 861
Delta R.T. -0.018 min
Lab File: VW019814.D
Acq: 19 Aug 2021 17:26

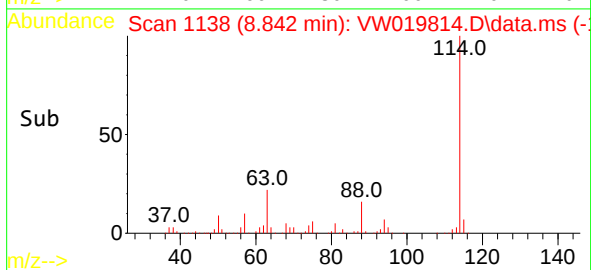
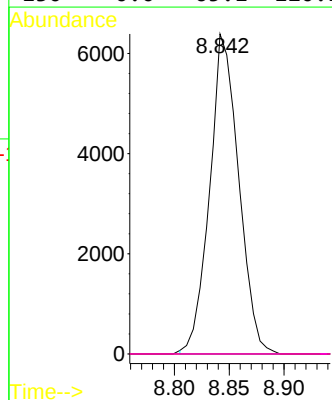
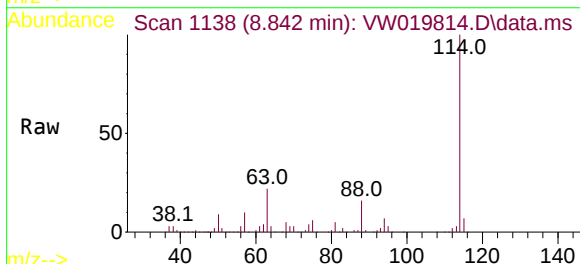
Instrument :
MSVOA_W
ClientSampleId :

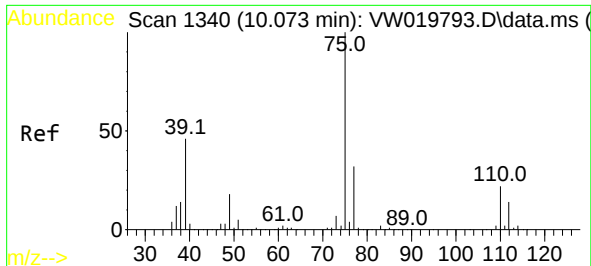
Tgt Ion: 43 Resp: 6148
Ion Ratio Lower Upper
43 100
72 0.0 14.9 44.7#



#34
Trichloroethene
Concen: 2.312 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW019814.D
Acq: 19 Aug 2021 17:26

Tgt Ion: 95 Resp: 11770
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#

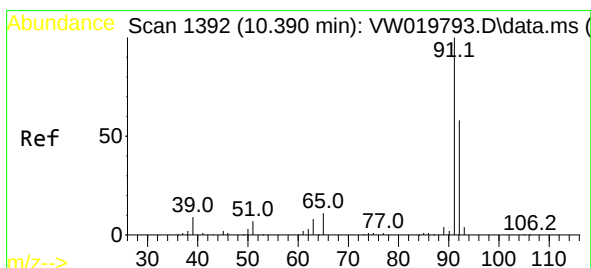
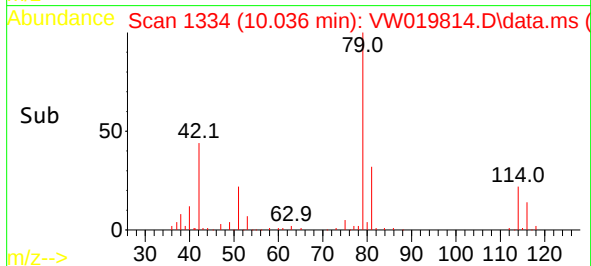
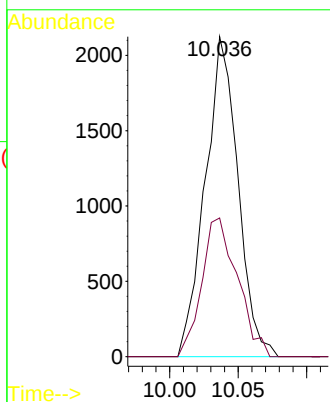
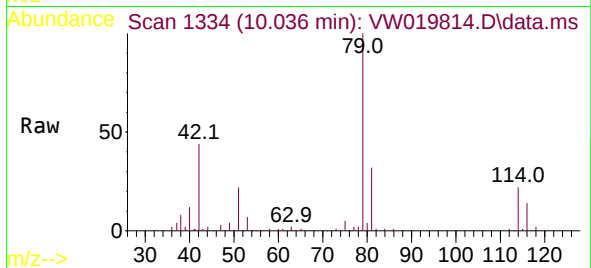




#39
 cis-1,3-Dichloropropene
 Concen: 0.494 ug/L
 RT: 10.036 min Scan# 1334
 Delta R.T. -0.037 min
 Lab File: VW019814.D
 Acq: 19 Aug 2021 17:26

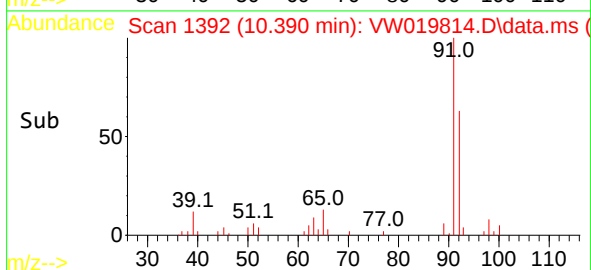
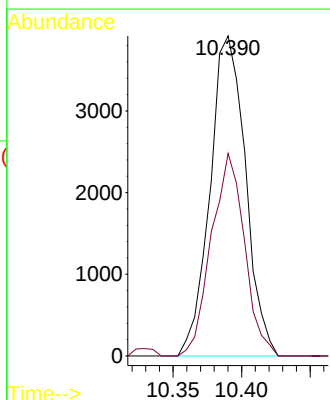
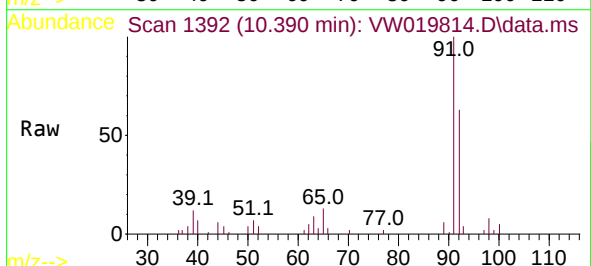
Instrument :
 MSVOA_W
 ClientSampleId :

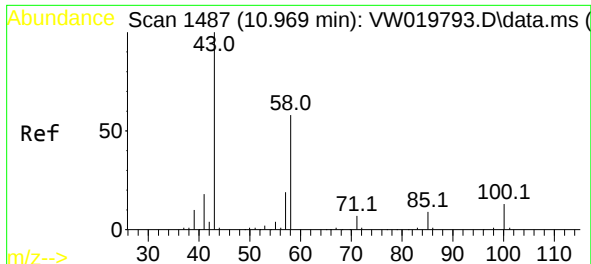
Tgt Ion: 75 Resp: 3527
 Ion Ratio Lower Upper
 75 100
 77 43.4 22.6 42.0#



#42
 Toluene
 Concen: 0.340 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. -0.000 min
 Lab File: VW019814.D
 Acq: 19 Aug 2021 17:26

Tgt Ion: 91 Resp: 7057
 Ion Ratio Lower Upper
 91 100
 92 63.3 39.5 73.3

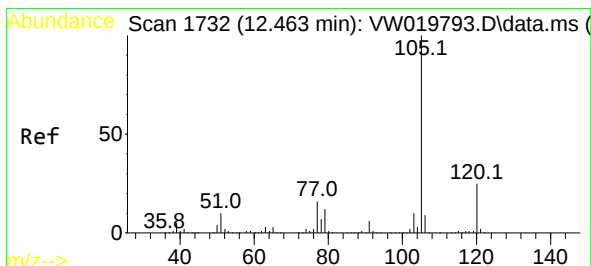
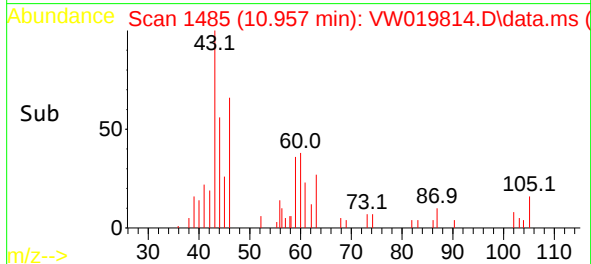
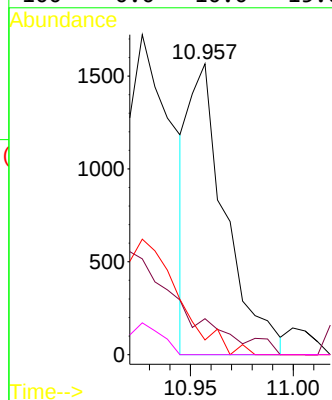
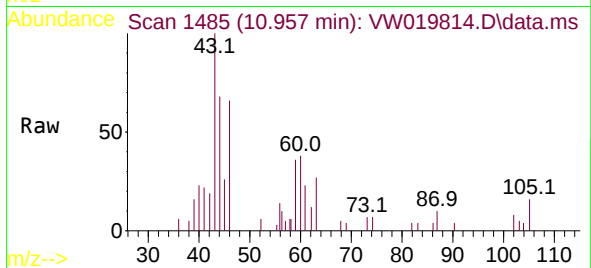




#48
2-Hexanone
Concen: 1.078 ug/L
RT: 10.957 min Scan# 1485
Delta R.T. -0.012 min
Lab File: VW019814.D
Acq: 19 Aug 2021 17:26

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:	43	Resp:	1936
Ion	Ratio	Lower	Upper
43	100		
58	3.3	42.7	64.1#
57	1.0	15.8	23.8#
100	0.0	10.0	15.0#



#60
Isopropylbenzene
Concen: 4.559 ug/L
RT: 12.475 min Scan# 1734
Delta R.T. 0.012 min
Lab File: VW019814.D
Acq: 19 Aug 2021 17:26

Tgt Ion:	105	Resp:	72182
Ion	Ratio	Lower	Upper
105	100		
120	8.8	21.1	31.7#
77	284.1	13.2	19.8#

