

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
 Data File : VW020151.D
 Acq On : 23 Sep 2021 17:13
 Operator : SY/VA
 Sample : M3834-06RE
 Misc : 4.48g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 24 01:43:46 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)

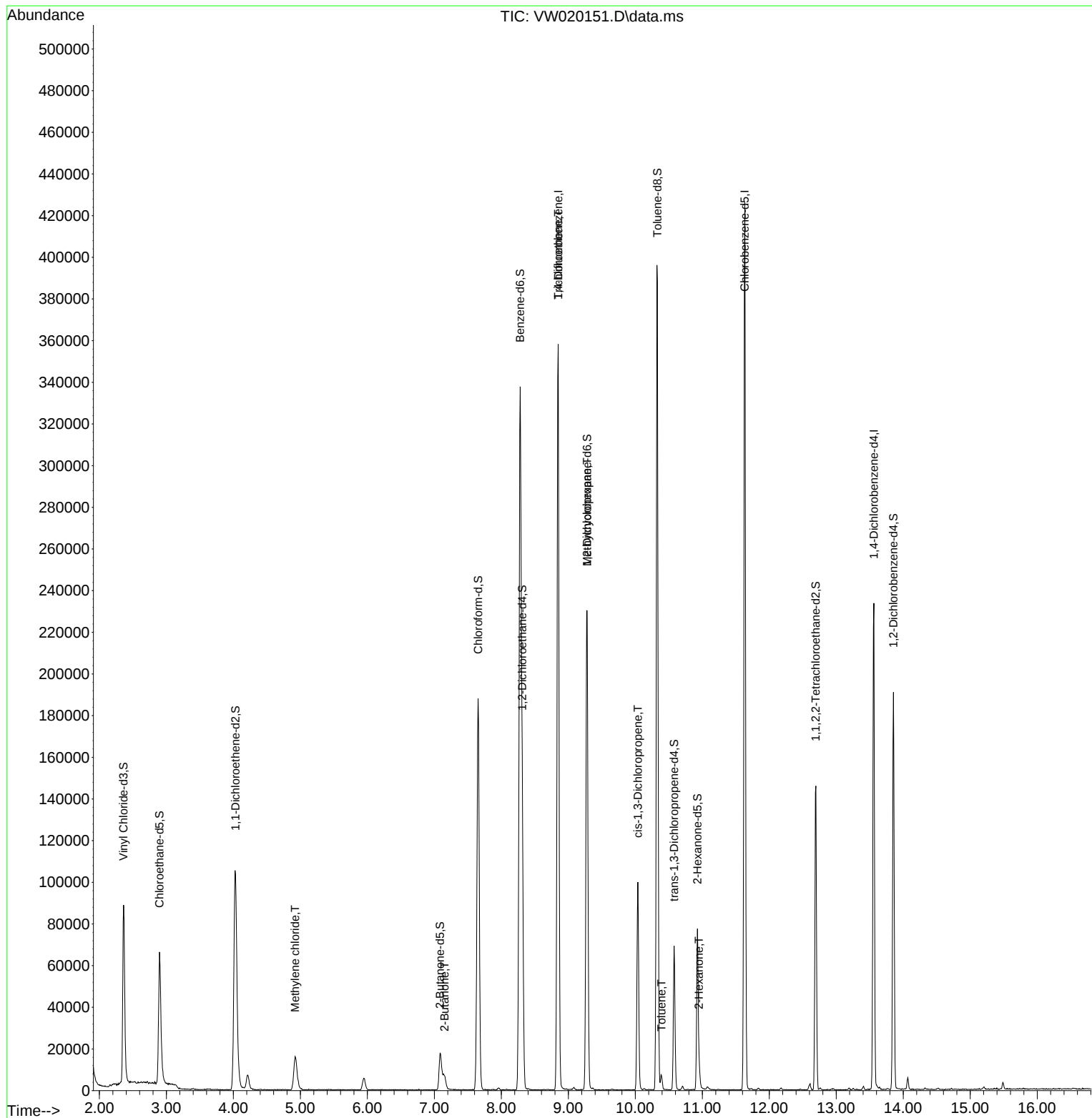
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	285247	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	228577	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	57370	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	106164	18.193	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.760%
7) Chloroethane-d5	2.898	69	84622	19.249	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	4.032	63	122201	13.375	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.480%
21) 2-Butanone-d5	7.086	46	29198	32.424	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.840%
24) Chloroform-d	7.653	84	187905	20.946	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	8.311	65	109237	22.625	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.480%
32) Benzene-d6	8.281	84	333326	22.857	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.440%
36) 1,2-Dichloropropane-d6	9.281	67	105757	25.059	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.240%
41) Toluene-d8	10.329	98	258989	19.519	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.080%
43) trans-1,3-Dichloroprop...	10.579	79	36933	20.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.880%
47) 2-Hexanone-d5	10.927	63	21968	37.614	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.220%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	72403	22.241	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	46051	21.407	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.640%
Target Compounds						Qvalue
16) Methylene chloride	4.922	84	13987	2.779	ug/L	92
22) 2-Butanone	7.153	43	4920	4.917	ug/L #	47
34) Trichloroethene	8.848	95	9087	2.461	ug/L #	5
35) Methylcyclohexane	9.281	83	26612	4.423	ug/L #	18
39) cis-1,3-Dichloropropene	10.037	75	2847	0.565	ug/L #	60
42) Toluene	10.390	91	4906	0.335	ug/L	84
48) 2-Hexanone	10.951	43	6913	5.767	ug/L #	39

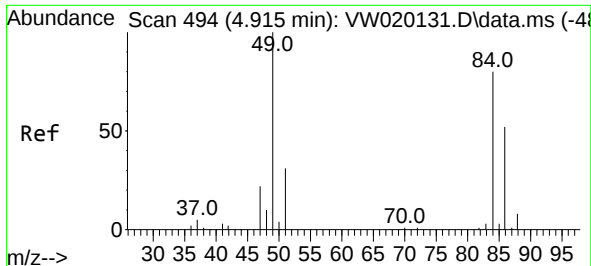
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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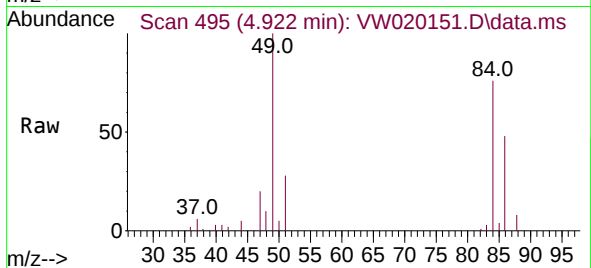
Quant Time: Sep 24 01:43:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 24 01:36:59 2021
Response via : Initial Calibration





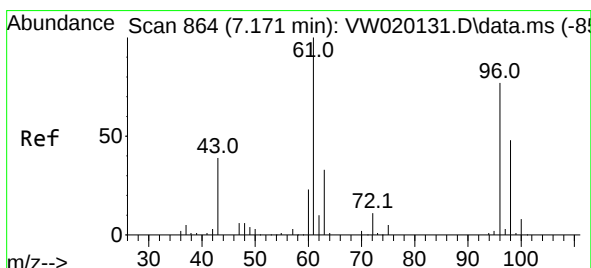
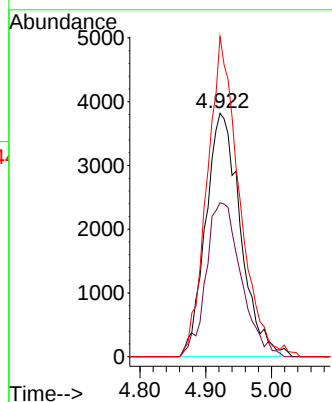
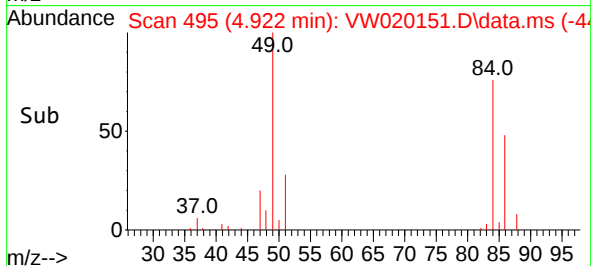
#16
Methylene chloride
Concen: 2.779 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020151.D
Acq: 23 Sep 2021 17:13

Instrument :
MSVOA_W
ClientSampled :

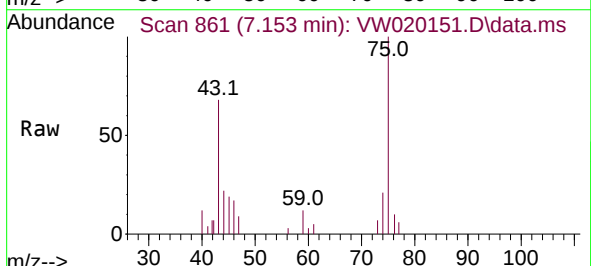


Tgt Ion: 84 Resp: 13987

Ion	Ratio	Lower	Upper
84	100		
86	63.3	42.6	79.0
49	131.5	83.4	154.8

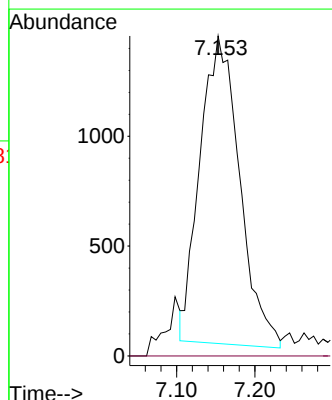
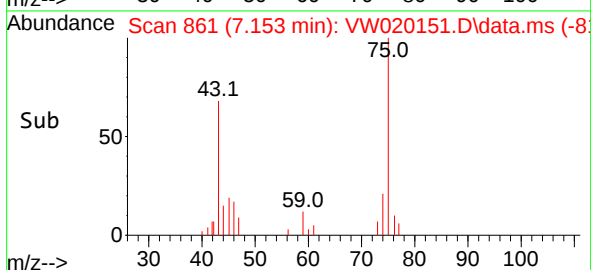


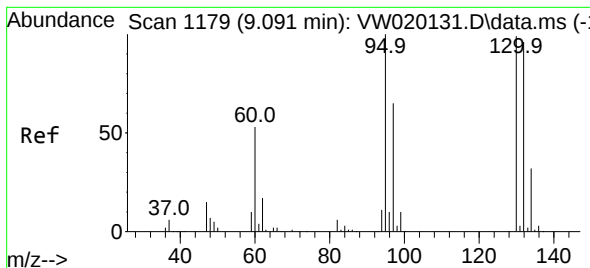
#22
2-Butanone
Concen: 4.917 ug/L
RT: 7.153 min Scan# 861
Delta R.T. -0.018 min
Lab File: VW020151.D
Acq: 23 Sep 2021 17:13



Tgt Ion: 43 Resp: 4920

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.1	42.2#





#34

Trichloroethene

Concen: 2.461 ug/L

RT: 8.848 min Scan# 1139

Delta R.T. -0.244 min

Lab File: VW020151.D

Acq: 23 Sep 2021 17:13

Tgt Ion: 95 Resp: 9087

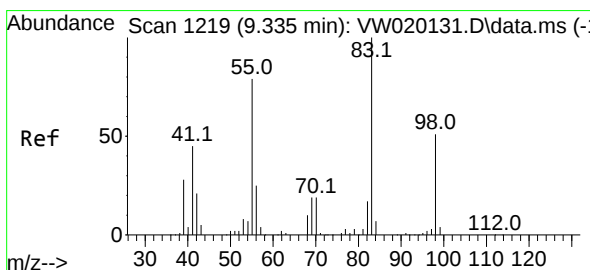
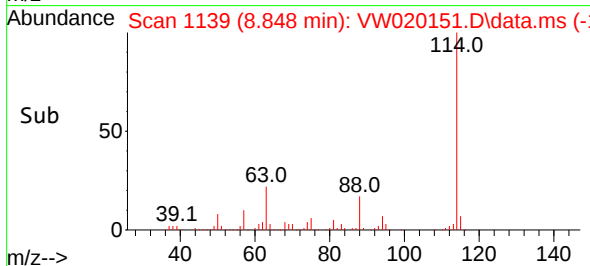
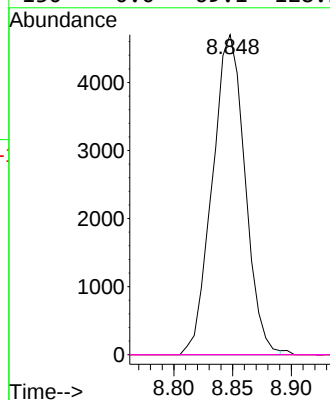
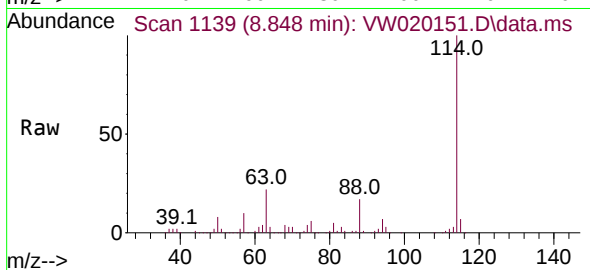
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.7#

132 0.0 67.9 126.1#

130 0.0 69.1 128.3#



#35

Methylcyclohexane

Concen: 4.423 ug/L

RT: 9.281 min Scan# 1210

Delta R.T. -0.055 min

Lab File: VW020151.D

Acq: 23 Sep 2021 17:13

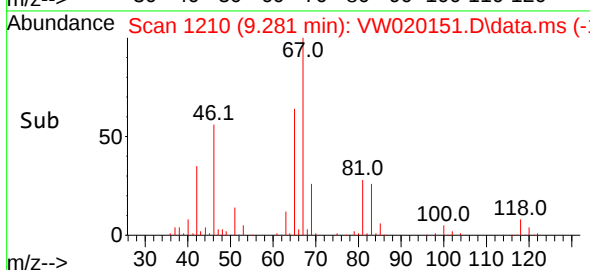
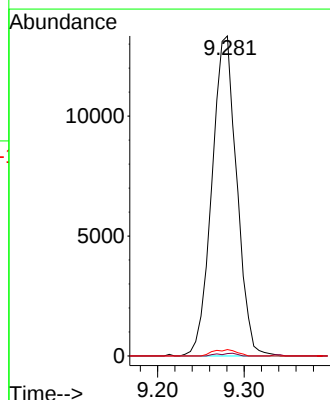
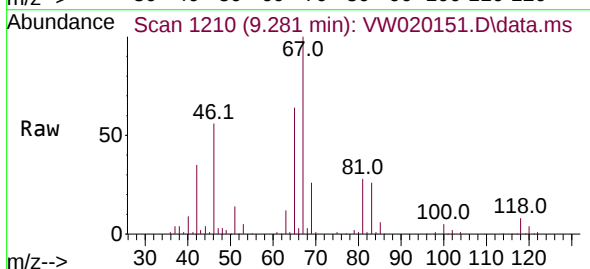
Tgt Ion: 83 Resp: 26612

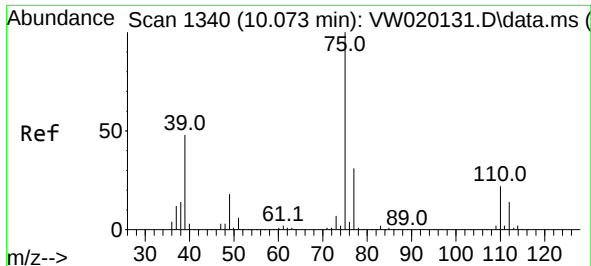
Ion Ratio Lower Upper

83 100

55 0.4 61.4 92.2#

98 0.0 38.1 57.1#



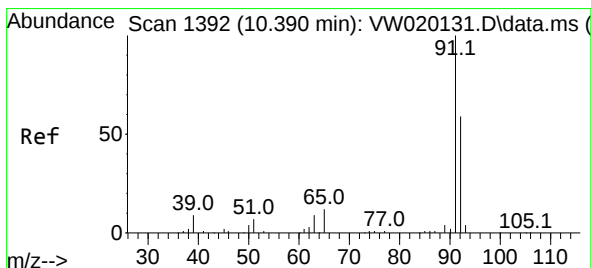
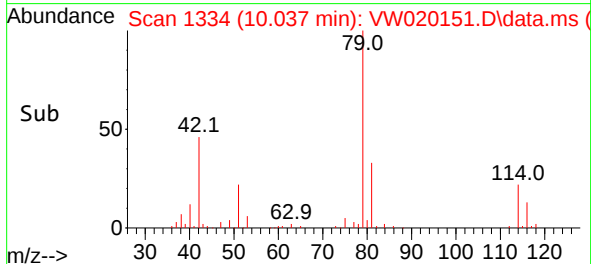
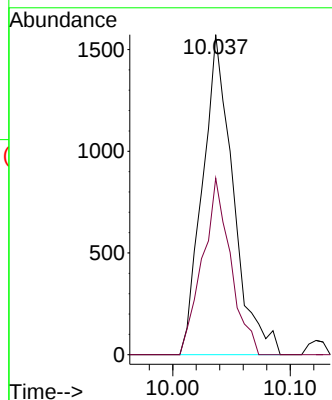
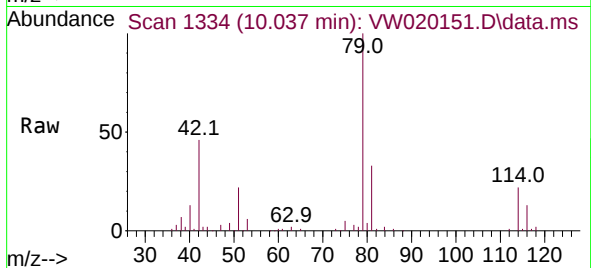


#39

cis-1,3-Dichloropropene
Concen: 0.565 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW020151.D
Acq: 23 Sep 2021 17:13

Instrument :
MSVOA_W
ClientSampled :

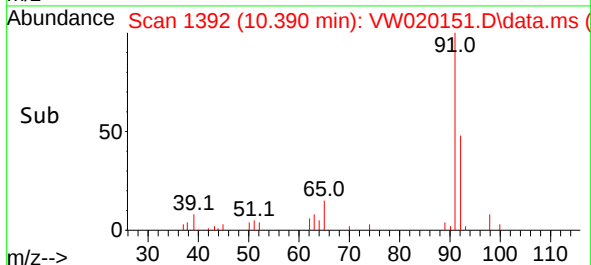
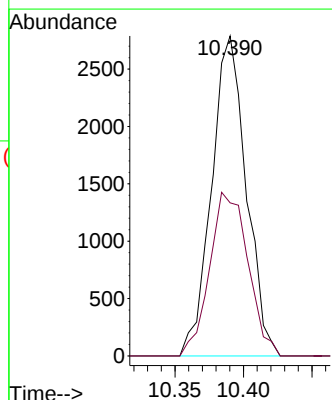
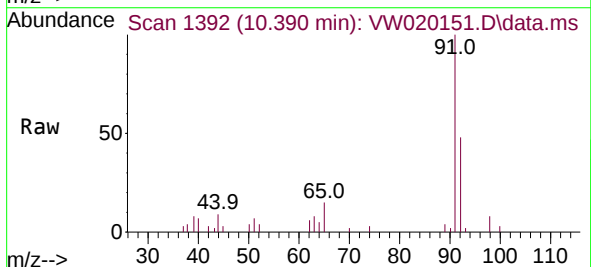
Tgt Ion: 75 Resp: 2847
Ion Ratio Lower Upper
75 100
77 55.2 23.0 42.6#

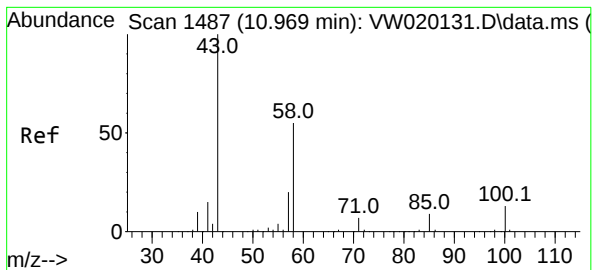


#42

Toluene
Concen: 0.335 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020151.D
Acq: 23 Sep 2021 17:13

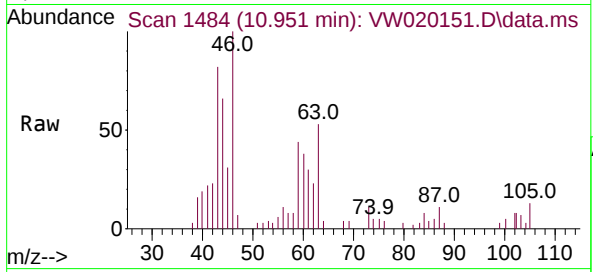
Tgt Ion: 91 Resp: 4906
Ion Ratio Lower Upper
91 100
92 47.8 42.2 78.4





#48
 2-Hexanone
 Concen: 5.767 ug/L
 RT: 10.951 min Scan# 1484
 Delta R.T. -0.018 min
 Lab File: VW020151.D
 Acq: 23 Sep 2021 17:13

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp: 6913
Ion Ratio	Lower Upper
43	100
58	0.0 43.8 65.6#
57	0.5 15.6 23.4#
100	1.3 10.5 15.7#

