

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071221\
 Data File : VW019446.D
 Acq On : 12 Jul 2021 22:13
 Operator : SY/VA
 Sample : M2973-02
 Misc : 4.41G/10ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 13 04:38:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 13 04:35:18 2021
 Response via : Initial Calibration

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

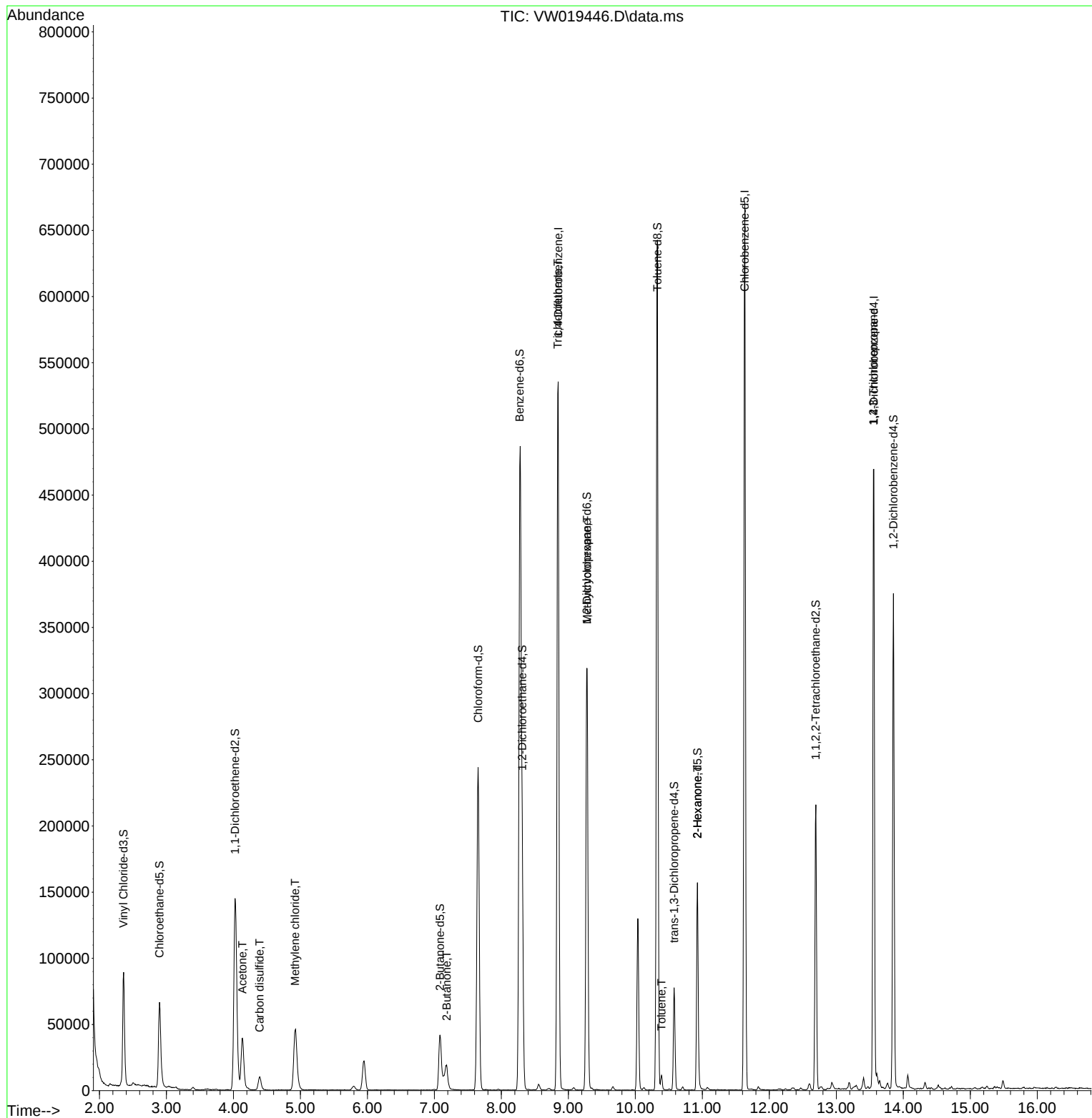
Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	446361	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	372931	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	126742	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	100282	15.856	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	63.440%	
7) Chloroethane-d5	2.897	69	88265	19.571	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	78.280%	
11) 1,1-Dichloroethene-d2	4.025	63	165093	13.529	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	54.120%	
21) 2-Butanone-d5	7.086	46	72854	39.689	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	79.380%	
24) Chloroform-d	7.652	84	253371	20.543	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	82.160%	
26) 1,2-Dichloroethane-d4	8.311	65	134502	19.873	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	79.480%	
32) Benzene-d6	8.274	84	516173	23.252	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	93.000%	
36) 1,2-Dichloropropane-d6	9.274	67	164303	23.746	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	95.000%	
41) Toluene-d8	10.329	98	435853	21.777	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	87.120%	
43) trans-1,3-Dichloroprop...	10.579	79	44705	15.087	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	60.360%	
47) 2-Hexanone-d5	10.926	63	54105	42.149	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	84.300%	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	111756	19.989	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	79.960%	
66) 1,2-Dichlorobenzene-d4	13.853	152	97040	21.700	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	86.800%	
Target Compounds						Qvalue
13) Acetone	4.135	43	72739	53.779	ug/L	89
14) Carbon disulfide	4.391	76	22906	1.228	ug/L	96
16) Methylene chloride	4.921	84	39999	4.495	ug/L	94
22) 2-Butanone	7.183	43	28869	13.794	ug/L	98
34) Trichloroethene	8.841	95	13594	2.282	ug/L #	5
35) Methylcyclohexane	9.280	83	39064	3.705	ug/L #	20
42) Toluene	10.390	91	7621	0.313	ug/L	98
48) 2-Hexanone	10.926	43	6785	2.668	ug/L #	67
61) 1,2,3-Trichloropropane	13.554	75	14928	5.377	ug/L #	64

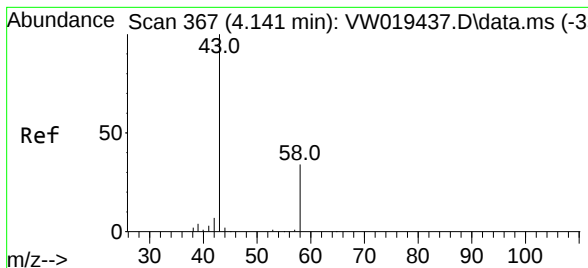
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 13 04:35:18 2021
Response via : Initial Calibration





#13

Acetone

Concen: 53.779 ug/L

RT: 4.135 min Scan# 366

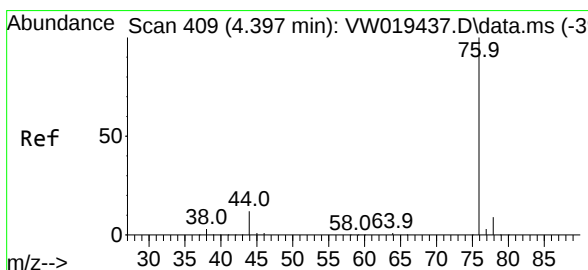
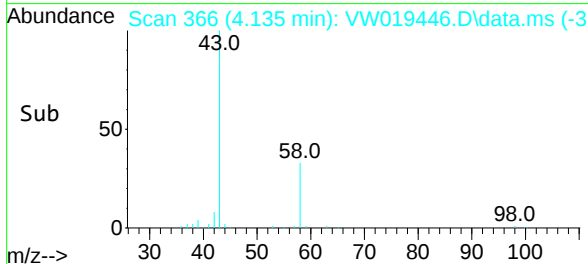
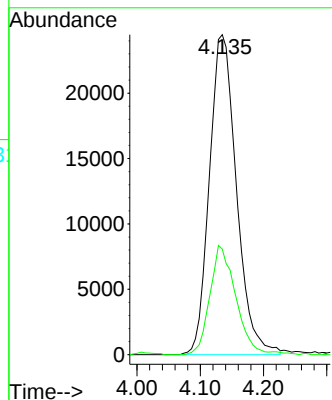
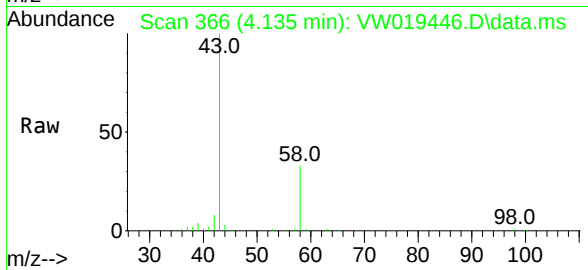
Delta R.T. -0.006 min

Lab File: VW019446.D

Acq: 12 Jul 2021 22:13

Tgt Ion: 43 Resp: 72739

Ion	Ratio	Lower	Upper
43	100		
58	32.4	0.0	53.8



#14

Carbon disulfide

Concen: 1.228 ug/L

RT: 4.391 min Scan# 408

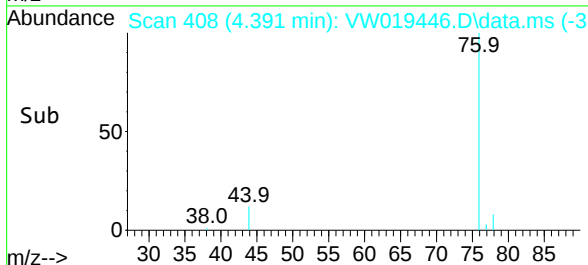
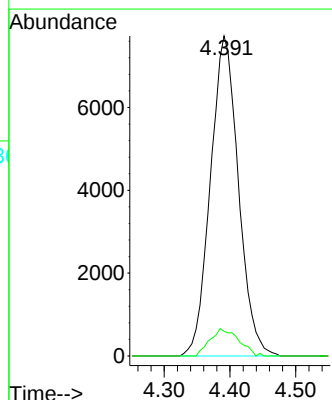
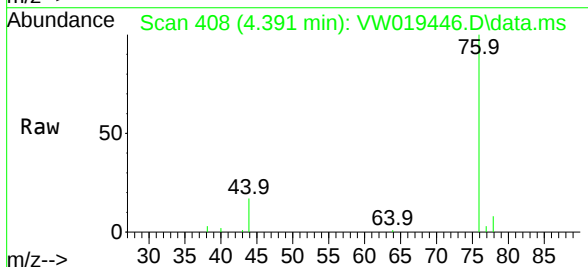
Delta R.T. -0.006 min

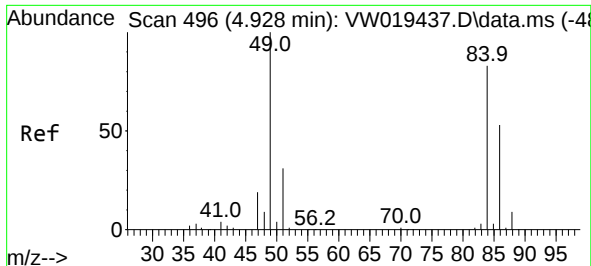
Lab File: VW019446.D

Acq: 12 Jul 2021 22:13

Tgt Ion: 76 Resp: 22906

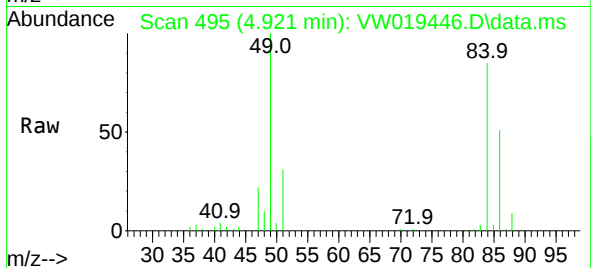
Ion	Ratio	Lower	Upper
76	100		
78	7.7	7.4	11.0



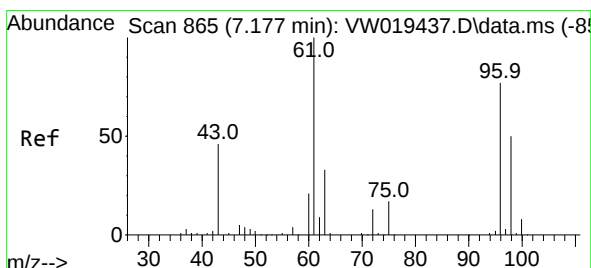
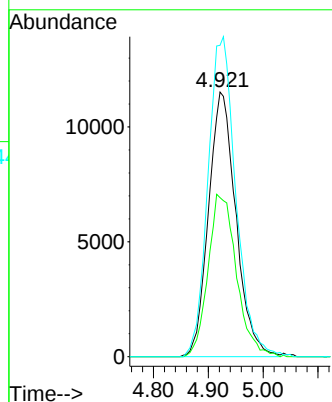
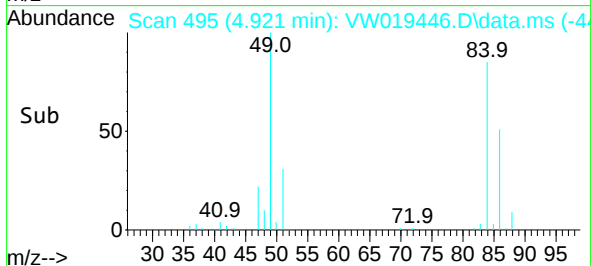


#16
Methylene chloride
Concen: 4.495 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW019446.D
Acq: 12 Jul 2021 22:13

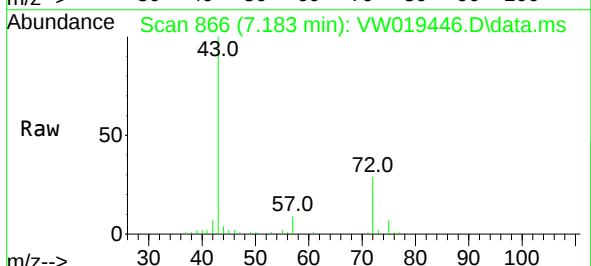
Instrument :
MSVOA_W
ClientSampled :



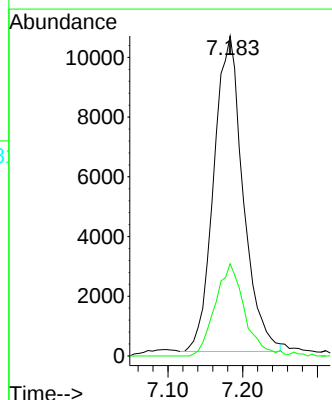
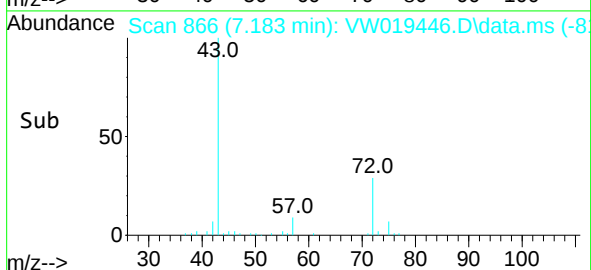
Tgt Ion: 84 Resp: 39999
Ion Ratio Lower Upper
84 100
86 60.1 45.3 84.1
49 117.7 86.6 160.8

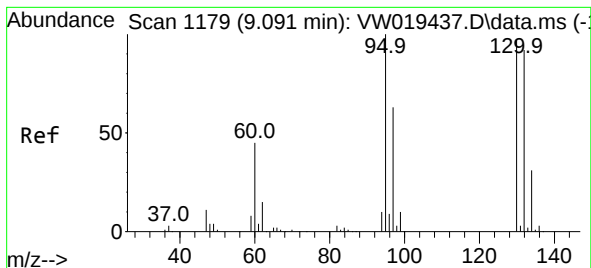


#22
2-Butanone
Concen: 13.794 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW019446.D
Acq: 12 Jul 2021 22:13



Tgt Ion: 43 Resp: 28869
Ion Ratio Lower Upper
43 100
72 28.8 14.9 44.7





#34

Trichloroethene

Concen: 2.282 ug/L

RT: 8.841 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW019446.D

Acq: 12 Jul 2021 22:13

Tgt Ion: 95 Resp: 13594

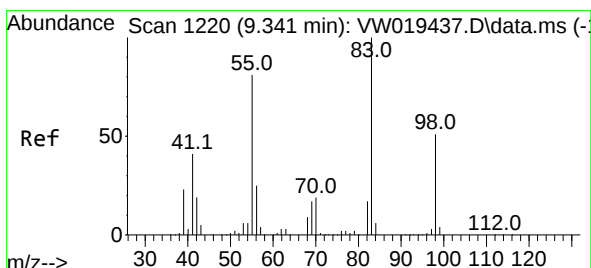
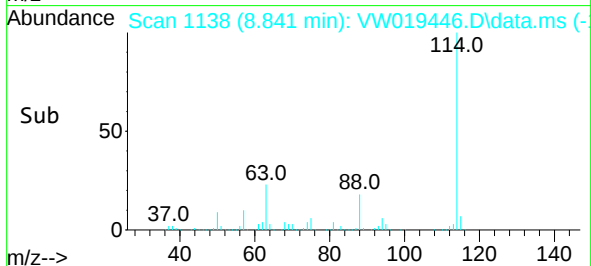
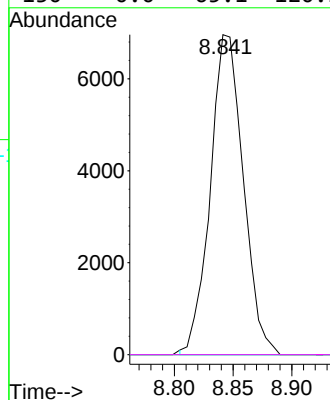
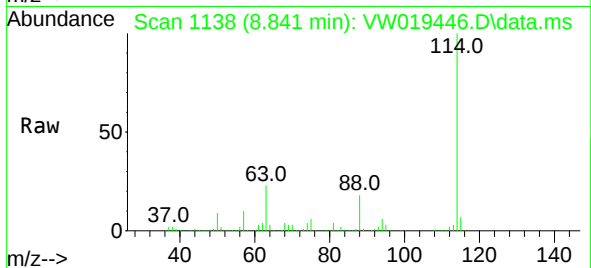
Ion Ratio Lower Upper

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: 3.705 ug/L

RT: 9.280 min Scan# 1210

Delta R.T. -0.061 min

Lab File: VW019446.D

Acq: 12 Jul 2021 22:13

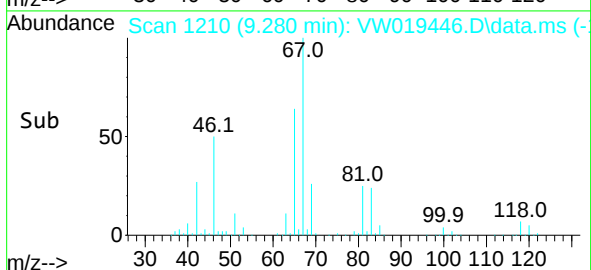
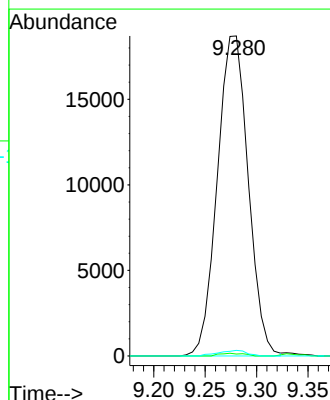
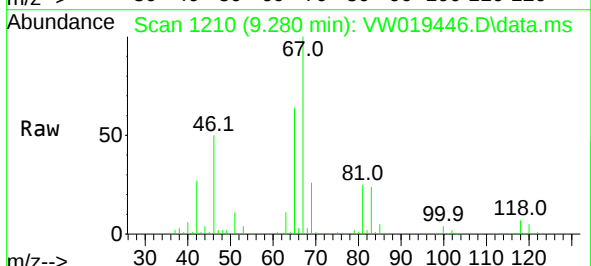
Tgt Ion: 83 Resp: 39064

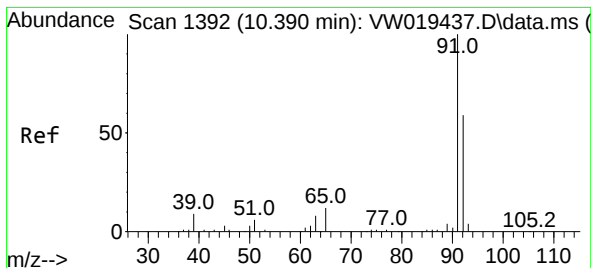
Ion Ratio Lower Upper

83 100

55 0.7 58.9 88.3#

98 1.6 40.1 60.1#





#42

Toluene

Concen: 0.313 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW019446.D

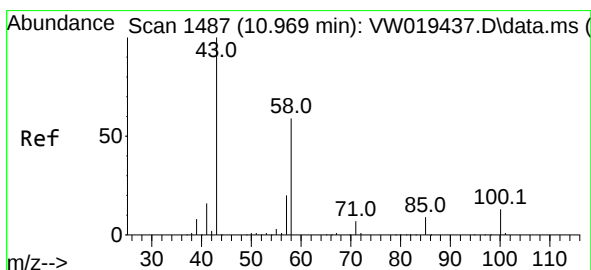
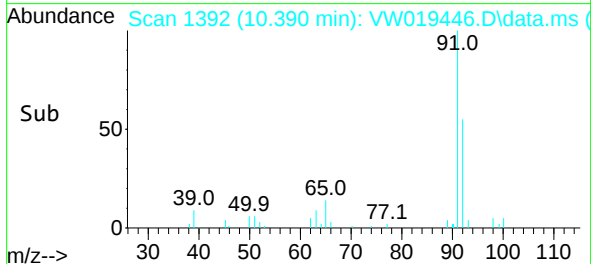
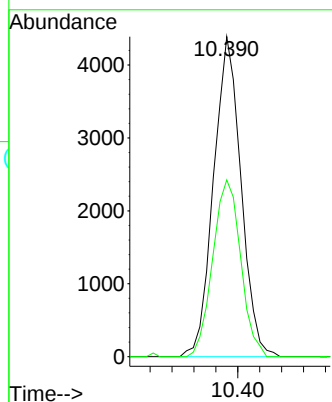
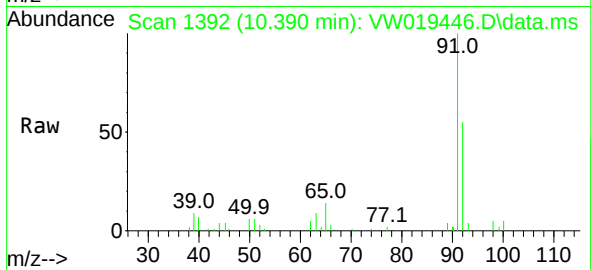
Acq: 12 Jul 2021 22:13

Tgt Ion: 91 Resp: 7621

Ion Ratio Lower Upper

91 100

92 55.2 39.5 73.3



#48

2-Hexanone

Concen: 2.668 ug/L

RT: 10.926 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW019446.D

Acq: 12 Jul 2021 22:13

Tgt Ion: 43 Resp: 6785

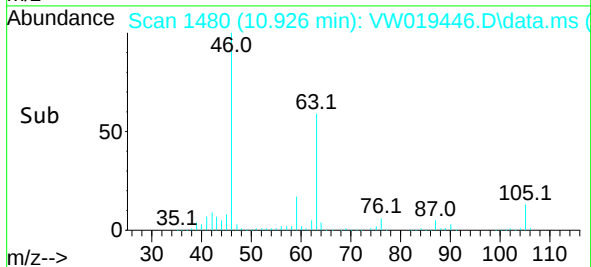
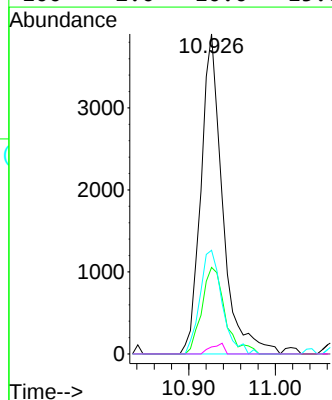
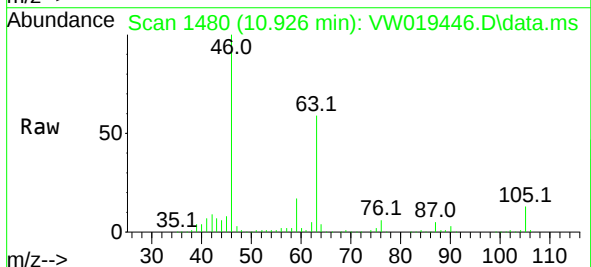
Ion Ratio Lower Upper

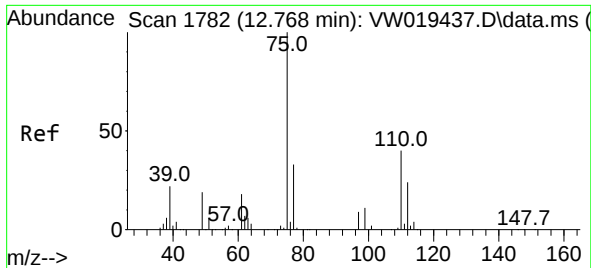
43 100

58 27.5 42.7 64.1#

57 32.3 15.8 23.8#

100 2.0 10.0 15.0#





#61
 1,2,3-Trichloropropane
 Concen: 5.377 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW019446.D
 Acq: 12 Jul 2021 22:13

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75	Resp:	14928
Ion Ratio	Lower	Upper
75	100	
77	33.6	25.3 37.9
110	3.0	32.6 48.8#

