

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072221\
 Data File : VW019549.D
 Acq On : 22 Jul 2021 13:20
 Operator : SY/VA
 Sample : M3107-19
 Misc : 3.91g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 23 01:49:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 23 01:46:10 2021
 Response via : Initial Calibration

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

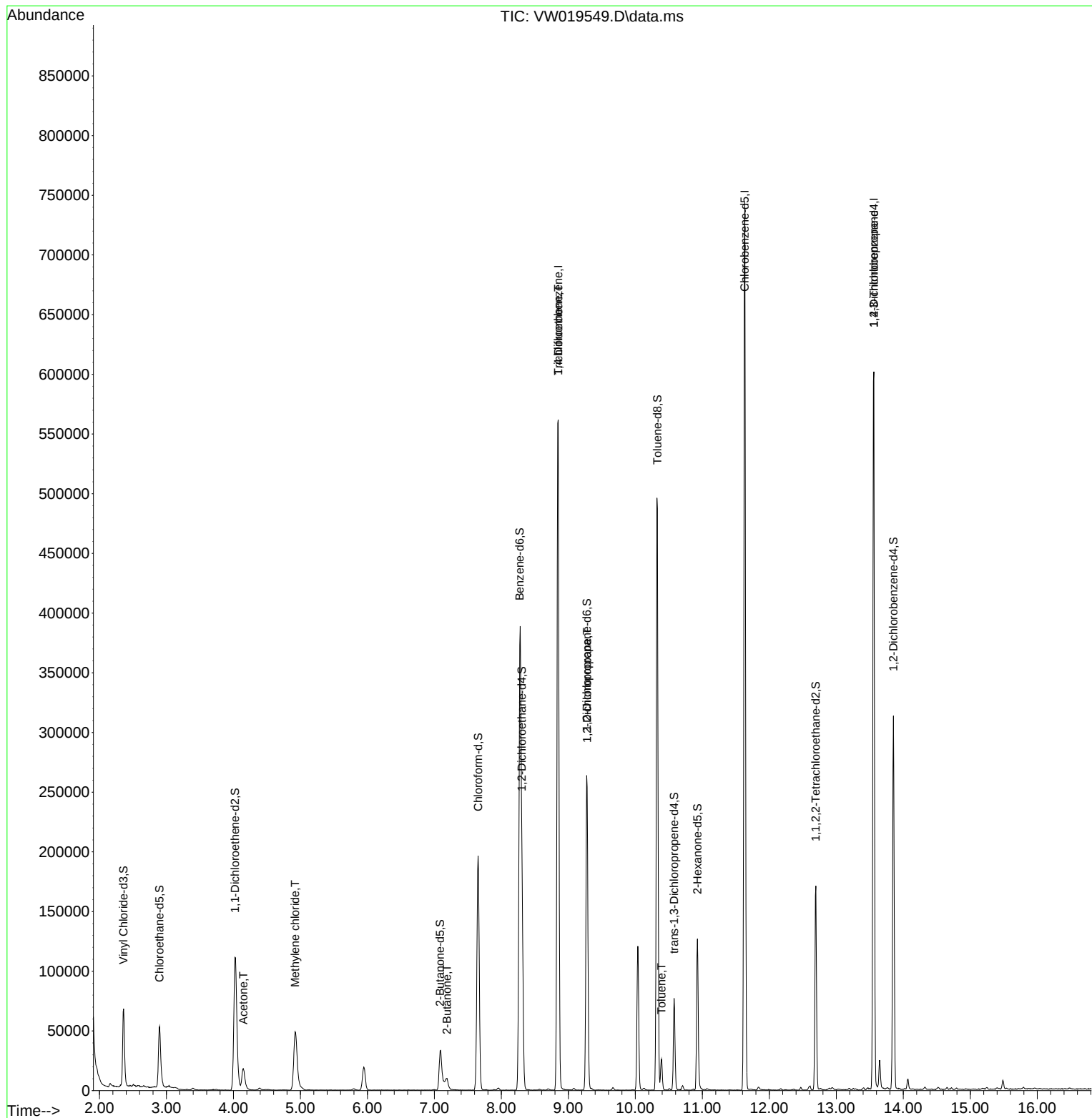
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	469529	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	417971	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	157923	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	76950	11.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.280%
7) Chloroethane-d5	2.897	69	69307	14.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.440%
11) 1,1-Dichloroethene-d2	4.025	63	130738	10.185	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.760%#
21) 2-Butanone-d5	7.086	46	59541	30.836	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.680%
24) Chloroform-d	7.653	84	205311	15.825	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	63.320%
26) 1,2-Dichloroethane-d4	8.305	65	118570	16.654	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	66.600%#
32) Benzene-d6	8.275	84	404040	16.239	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	64.960%
36) 1,2-Dichloropropane-d6	9.274	67	128468	16.566	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	66.280%#
41) Toluene-d8	10.329	98	332674	14.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	59.320%
43) trans-1,3-Dichloroprop...	10.579	79	43589	13.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	52.520%
47) 2-Hexanone-d5	10.927	63	43650	30.340	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.680%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	87165	13.911	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	55.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	82791	14.859	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	59.440%#
Target Compounds						
					Qvalue	
13) Acetone	4.147	43	37333	26.240	ug/L	91
16) Methylene chloride	4.922	84	44392	4.743	ug/L	97
22) 2-Butanone	7.189	43	15158	6.885	ug/L	97
34) Trichloroethene	8.848	95	14304	2.142	ug/L #	5
37) 1,2-Dichloropropane	9.280	63	14113	2.129	ug/L #	86
42) Toluene	10.390	91	19061	0.699	ug/L	92
61) 1,2,3-Trichloropropane	13.560	75	18862	5.452	ug/L #	64

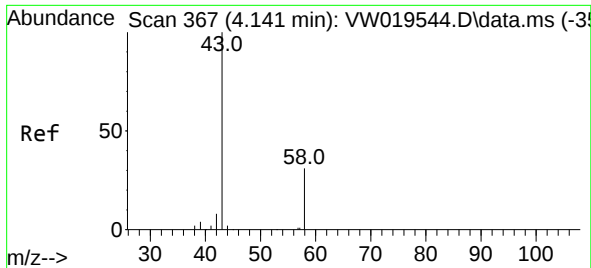
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 23 01:46:10 2021
Response via : Initial Calibration

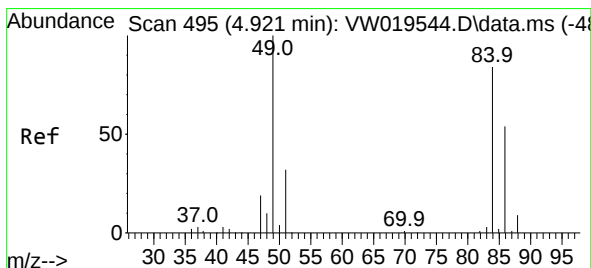
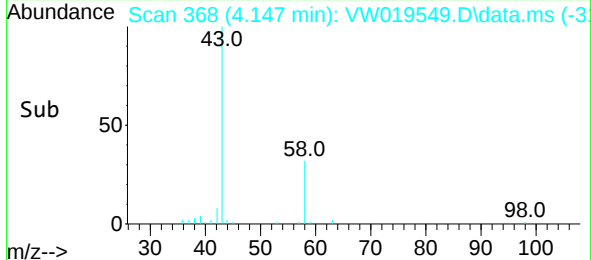
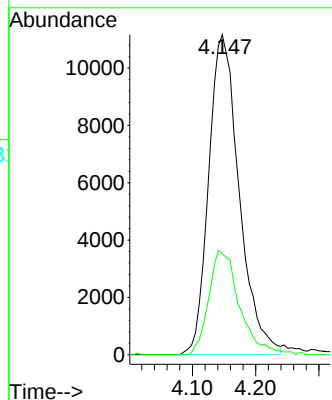
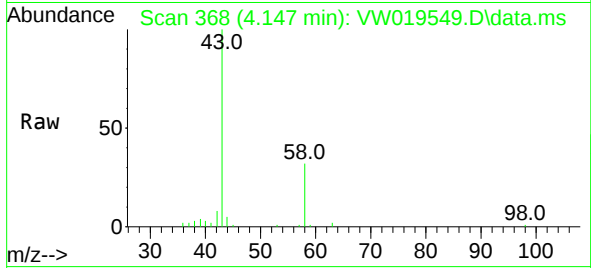




#13
Acetone
Concen: 26.240 ug/L
RT: 4.147 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW019549.D
Acq: 22 Jul 2021 13:20

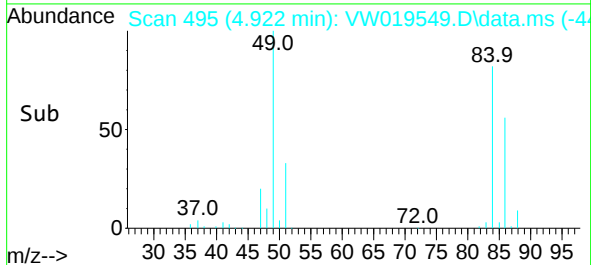
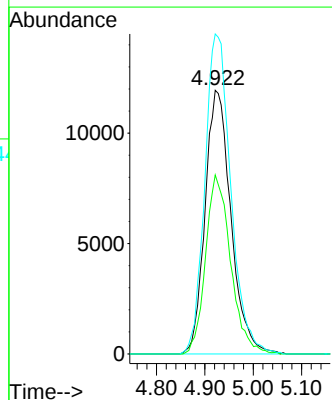
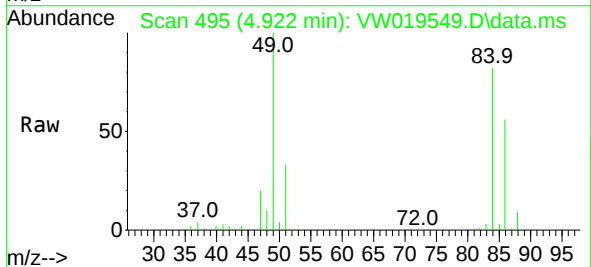
Instrument :
MSVOA_W
ClientSampled :

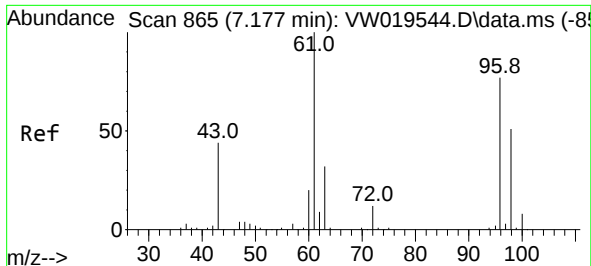
Tgt Ion: 43 Resp: 37333
Ion Ratio Lower Upper
43 100
58 31.5 0.0 53.8



#16
Methylene chloride
Concen: 4.743 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019549.D
Acq: 22 Jul 2021 13:20

Tgt Ion: 84 Resp: 44392
Ion Ratio Lower Upper
84 100
86 67.9 45.3 84.1
49 121.4 86.6 160.8

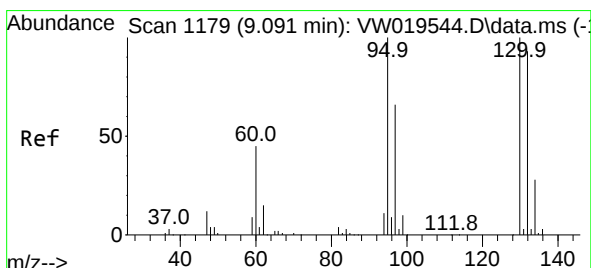
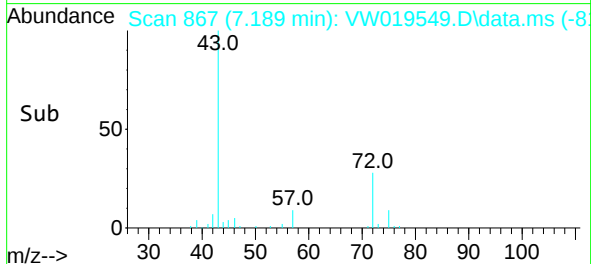
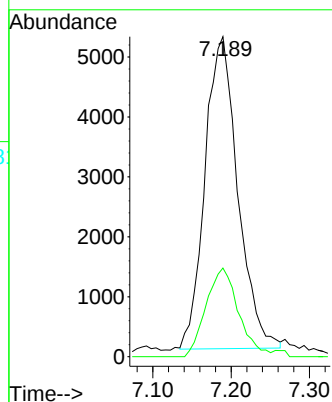
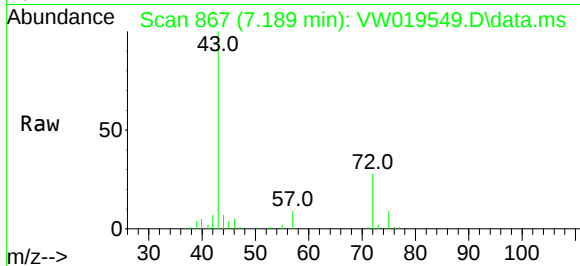




#22
2-Butanone
Concen: 6.885 ug/L
RT: 7.189 min Scan# 867
Delta R.T. 0.012 min
Lab File: VW019549.D
Acq: 22 Jul 2021 13:20

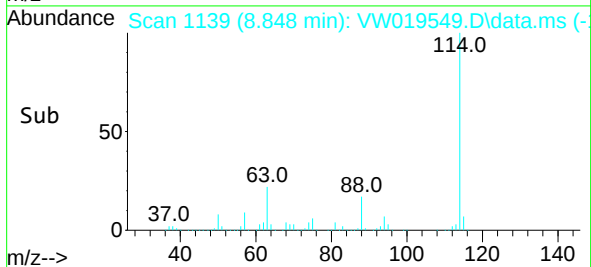
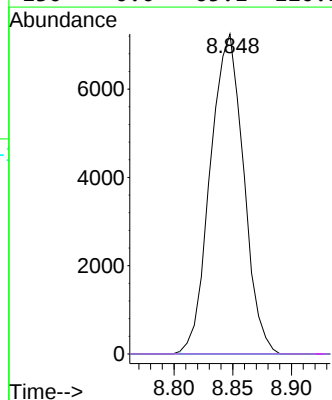
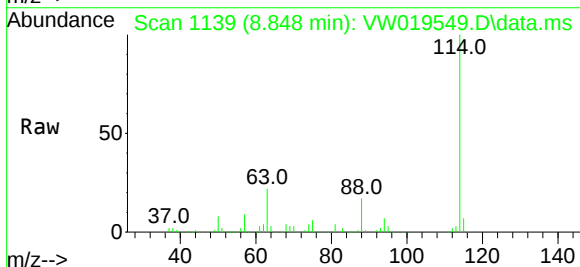
Instrument :
MSVOA_W
ClientSampled :

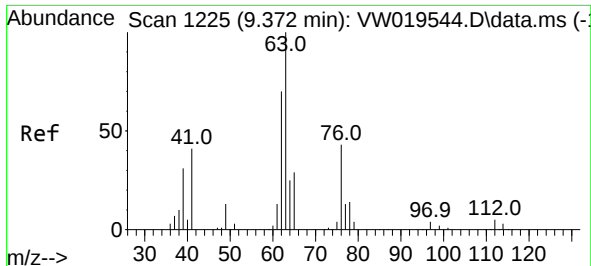
Tgt Ion: 43 Resp: 15158
Ion Ratio Lower Upper
43 100
72 28.0 14.9 44.7



#34
Trichloroethene
Concen: 2.142 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW019549.D
Acq: 22 Jul 2021 13:20

Tgt Ion: 95 Resp: 14304
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#



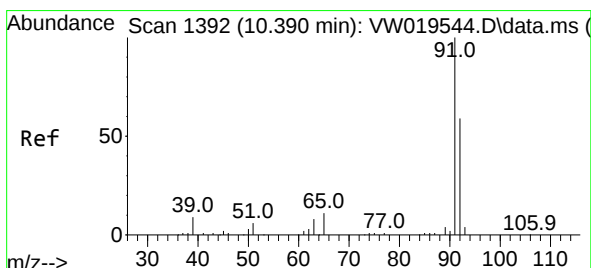
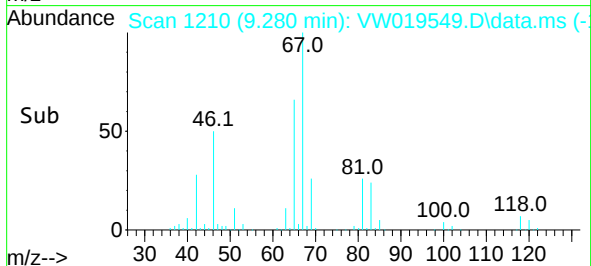
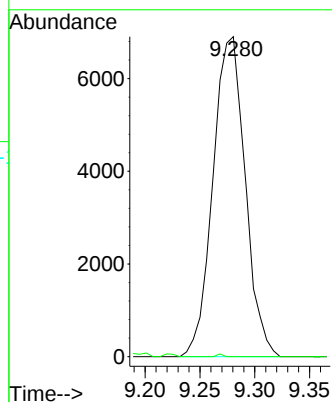
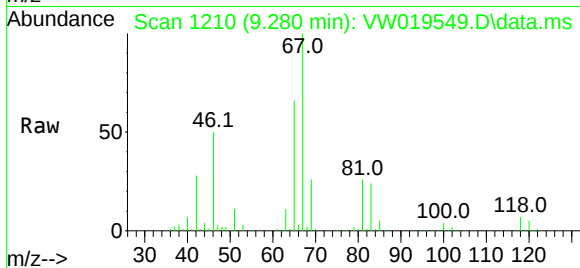


#37

1,2-Dichloropropane
Concen: 2.129 ug/L
RT: 9.280 min Scan# 1210
Delta R.T. -0.091 min
Lab File: VW019549.D
Acq: 22 Jul 2021 13:20

Instrument :
MSVOA_W
ClientSampled :

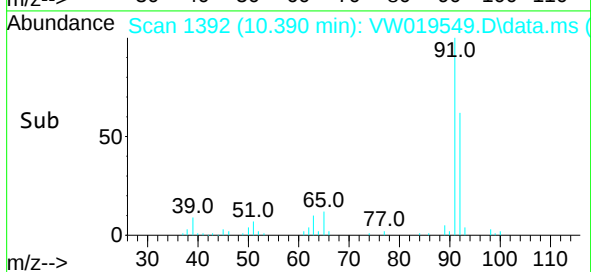
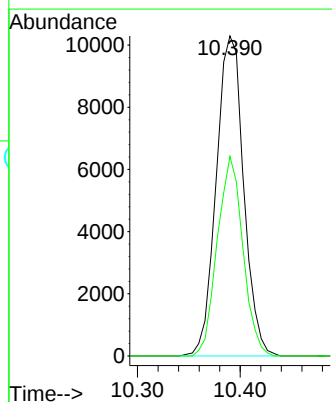
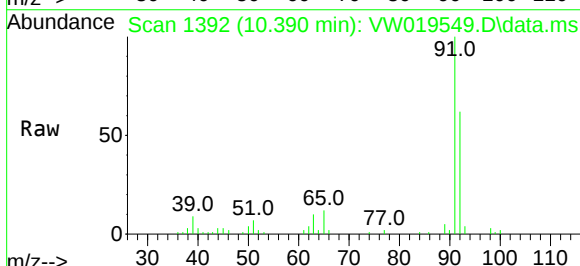
Tgt Ion: 63 Resp: 14113
Ion Ratio Lower Upper
63 100
112 0.3 3.9 5.9#

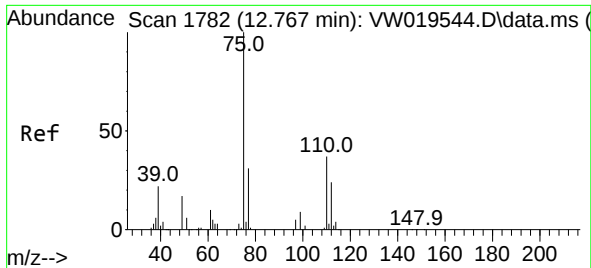


#42

Toluene
Concen: 0.699 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019549.D
Acq: 22 Jul 2021 13:20

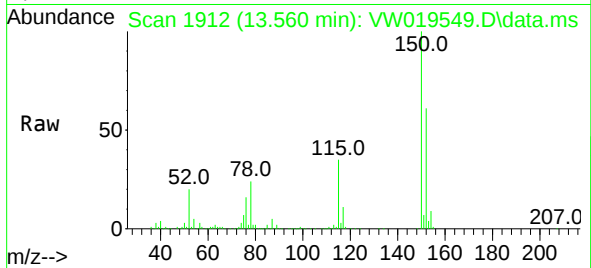
Tgt Ion: 91 Resp: 19061
Ion Ratio Lower Upper
91 100
92 62.3 39.5 73.3





#61
 1,2,3-Trichloropropane
 Concen: 5.452 ug/L
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.793 min
 Lab File: VW019549.D
 Acq: 22 Jul 2021 13:20

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	18862
Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.3	37.9
110	2.6	32.6	48.8#

