

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071221\
 Data File : VW019432.D
 Acq On : 12 Jul 2021 14:46
 Operator : SY/VA
 Sample : M2971-05
 Misc : 6.27G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 13 02:23:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 13 02:19:34 2021
 Response via : Initial Calibration

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

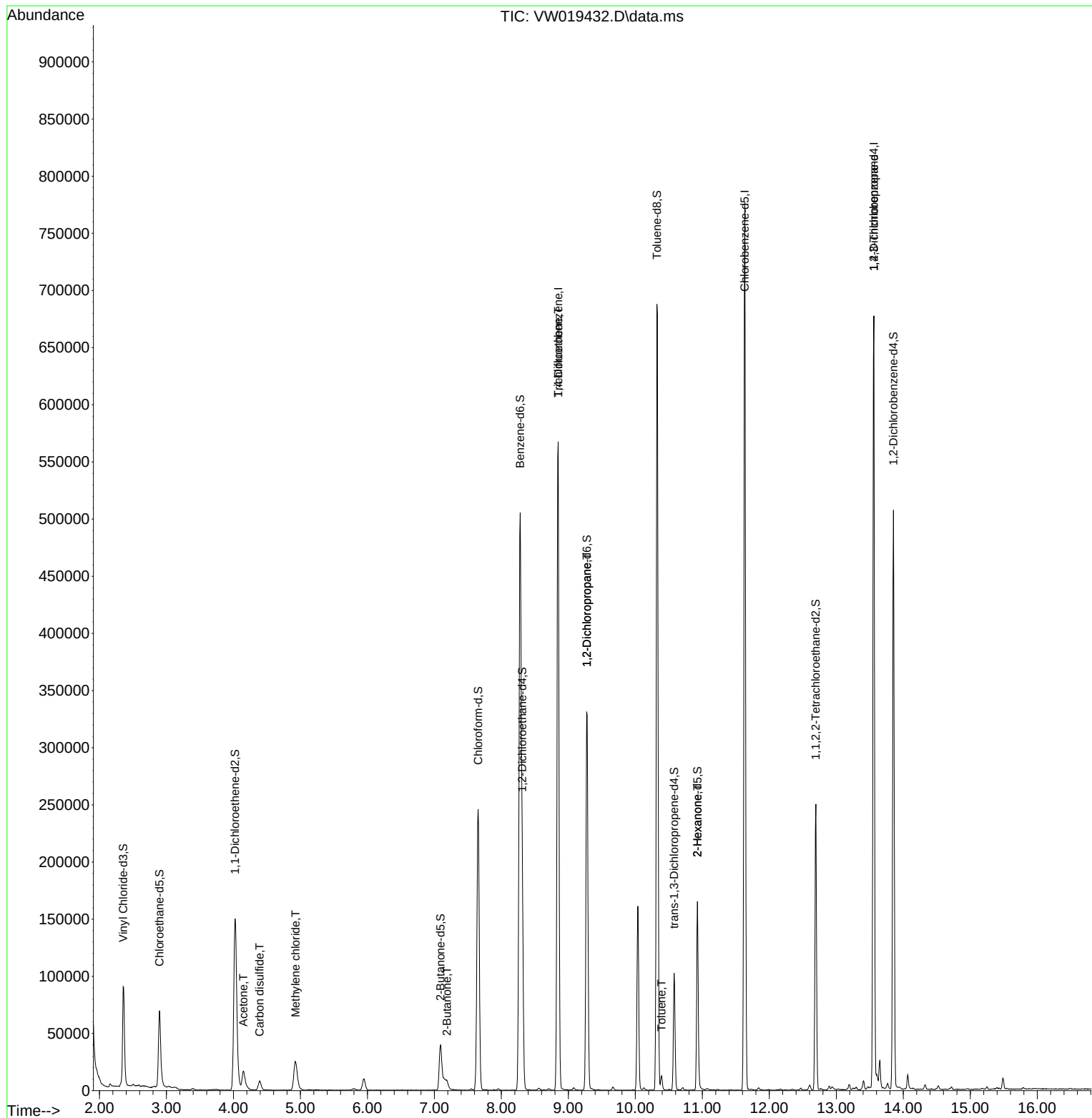
Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	479508	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	430739	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	181054	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	107368	15.803	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	63.200%	
7) Chloroethane-d5	2.897	69	89503	18.474	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	73.880%	
11) 1,1-Dichloroethene-d2	4.025	63	173974	13.271	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	53.080%	
21) 2-Butanone-d5	7.092	46	71198	36.106	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	72.220%	
24) Chloroform-d	7.652	84	257558	19.439	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	77.760%	
26) 1,2-Dichloroethane-d4	8.311	65	145471	20.007	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	80.040%	
32) Benzene-d6	8.280	84	520528	20.301	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	81.200%	
36) 1,2-Dichloropropane-d6	9.274	67	164401	20.572	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	82.280%	
41) Toluene-d8	10.323	98	466067	20.161	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	80.640%	
43) trans-1,3-Dichloroprop...	10.579	79	59072	17.260	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	69.040%	
47) 2-Hexanone-d5	10.926	63	55928	37.722	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	75.440%	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	125831	19.486	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	77.960%	
66) 1,2-Dichlorobenzene-d4	13.853	152	131511	20.587	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	82.360%	
Target Compounds					Qvalue	
13) Acetone	4.147	43	34743	23.911	ug/L	91
14) Carbon disulfide	4.391	76	18293	0.913	ug/L	98
16) Methylene chloride	4.927	84	23025	2.409	ug/L	99
22) 2-Butanone	7.189	43	13068	5.812	ug/L	94
34) Trichloroethene	8.847	95	14538	2.113	ug/L #	5
37) 1,2-Dichloropropane	9.274	63	17878	2.617	ug/L #	86
42) Toluene	10.390	91	8752	0.311	ug/L	99
48) 2-Hexanone	10.926	43	6743	2.296	ug/L #	68
61) 1,2,3-Trichloropropane	13.560	75	21788	5.493	ug/L #	65

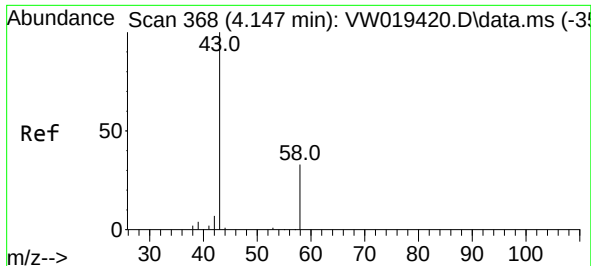
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Jul 13 02:19:34 2021
Response via : Initial Calibration

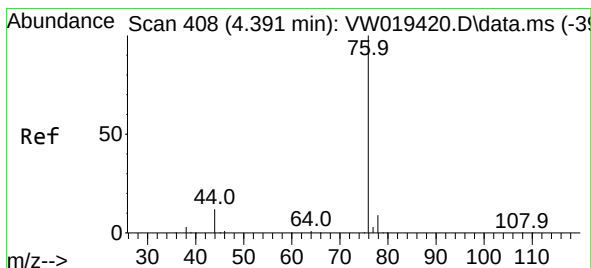
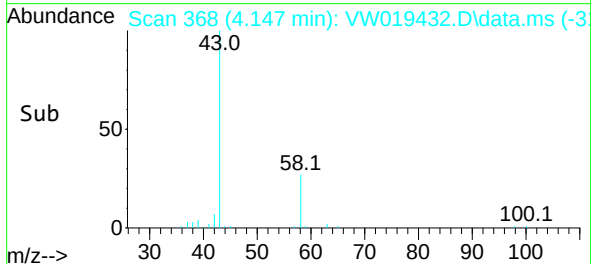
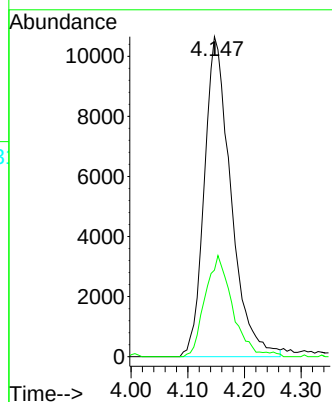
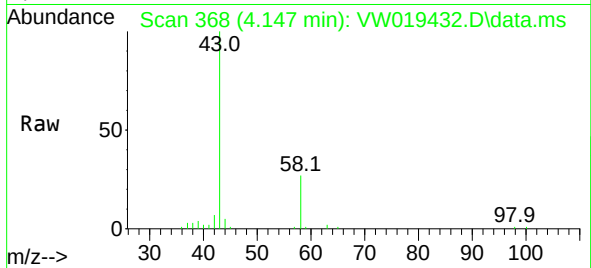




#13
Acetone
Concen: 23.911 ug/L
RT: 4.147 min Scan# 368
Delta R.T. -0.000 min
Lab File: VW019432.D
Acq: 12 Jul 2021 14:46

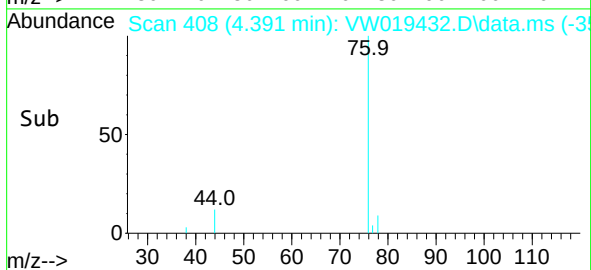
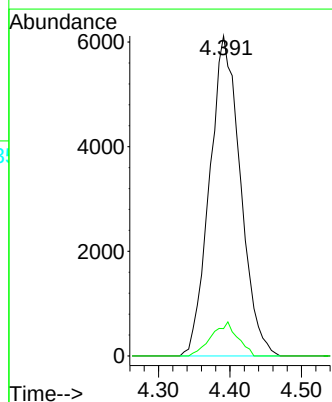
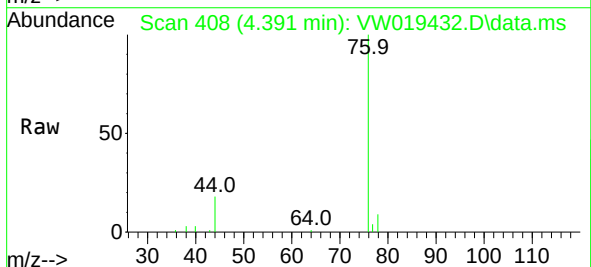
Instrument :
MSVOA_W
ClientSampled :

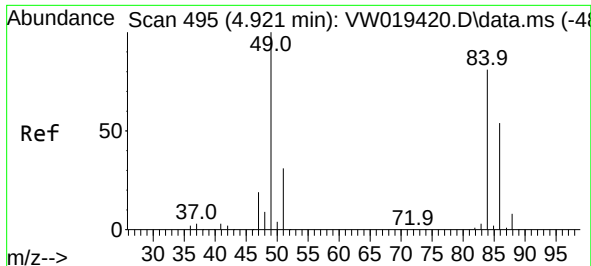
Tgt Ion: 43 Resp: 34743
Ion Ratio Lower Upper
43 100
58 31.6 0.0 53.8



#14
Carbon disulfide
Concen: 0.913 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW019432.D
Acq: 12 Jul 2021 14:46

Tgt Ion: 76 Resp: 18293
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

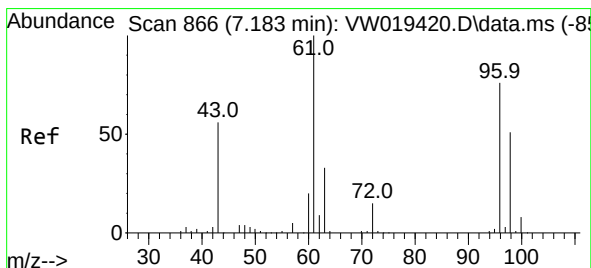
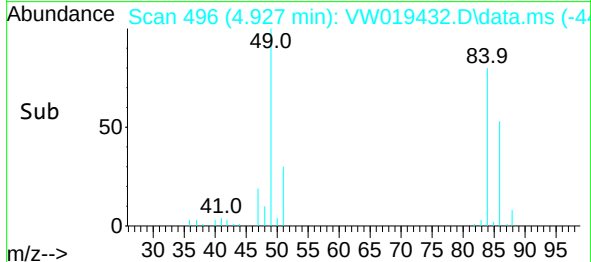
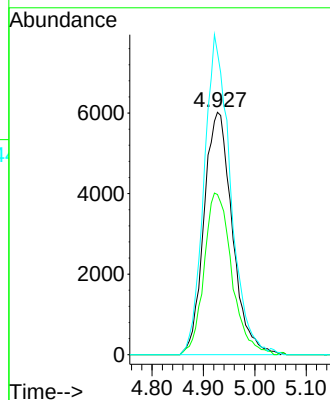
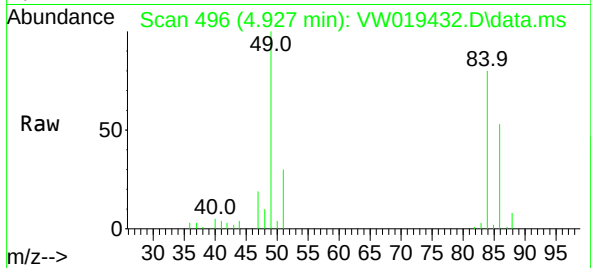




#16
Methylene chloride
Concen: 2.409 ug/L
RT: 4.927 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019432.D
Acq: 12 Jul 2021 14:46

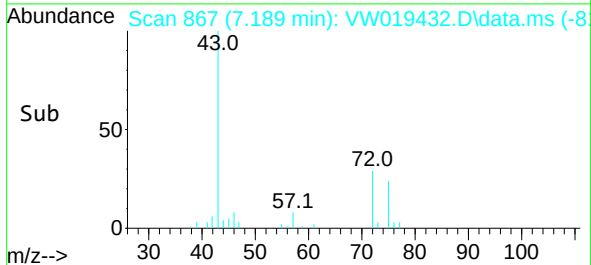
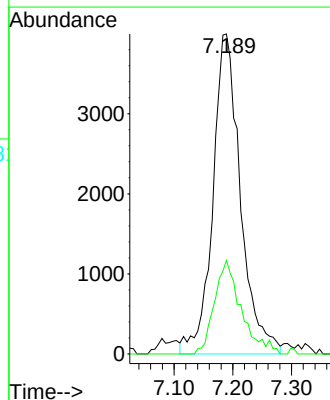
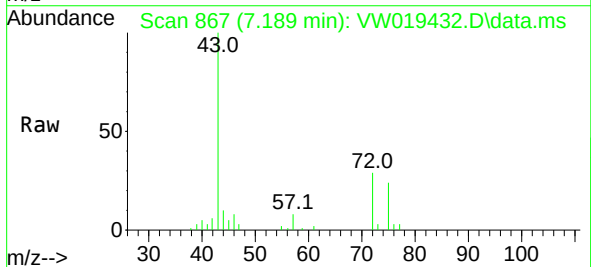
Instrument :
MSVOA_W
ClientSampleId :

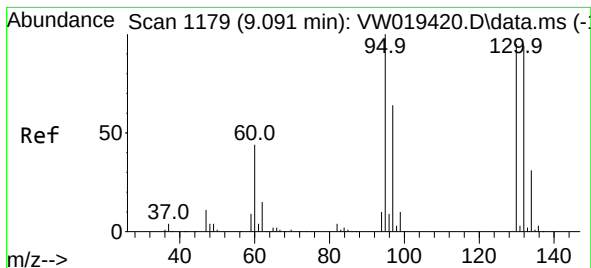
Tgt Ion:	84	Resp:	23025
Ion	Ratio	Lower	Upper
84	100		
86	66.1	45.3	84.1
49	124.5	86.6	160.8



#22
2-Butanone
Concen: 5.812 ug/L
RT: 7.189 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW019432.D
Acq: 12 Jul 2021 14:46

Tgt Ion:	43	Resp:	13068
Ion	Ratio	Lower	Upper
43	100		
72	26.6	14.9	44.7

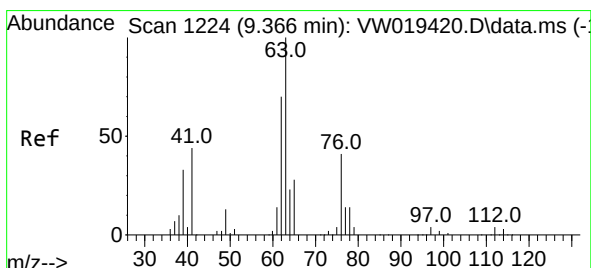
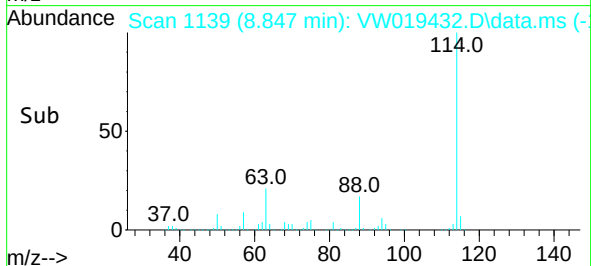
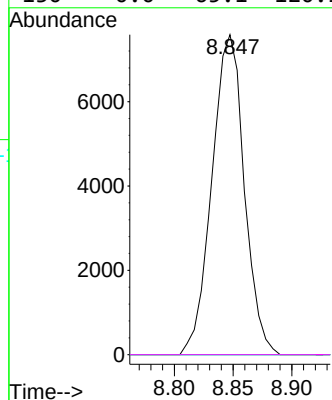
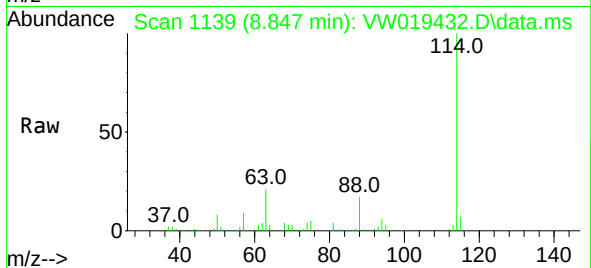




#34
Trichloroethene
Concen: 2.113 ug/L
RT: 8.847 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW019432.D
Acq: 12 Jul 2021 14:46

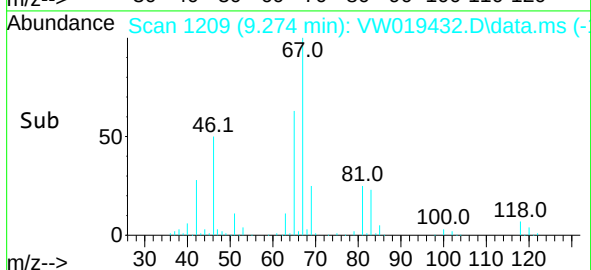
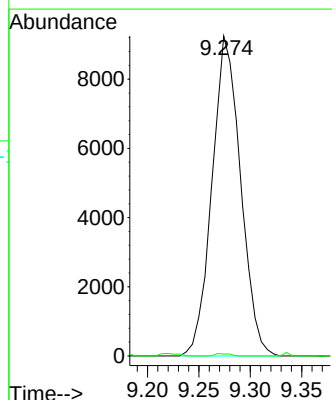
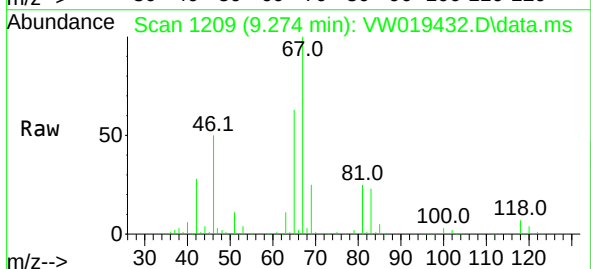
Instrument :
MSVOA_W
ClientSampleId :

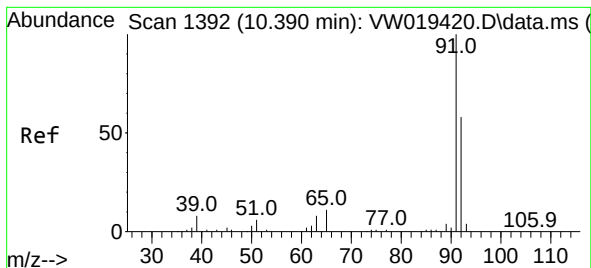
Tgt Ion:	95	Resp:	14538
Ion Ratio	Lower	Upper	
95	100		
97	0.0	47.3	87.8#
132	0.0	71.0	131.8#
130	0.0	65.1	120.9#



#37
1,2-Dichloropropane
Concen: 2.617 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW019432.D
Acq: 12 Jul 2021 14:46

Tgt Ion:	63	Resp:	17878
Ion Ratio	Lower	Upper	
63	100		
112	0.4	3.9	5.9#





#42

Toluene

Concen: 0.311 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW019432.D

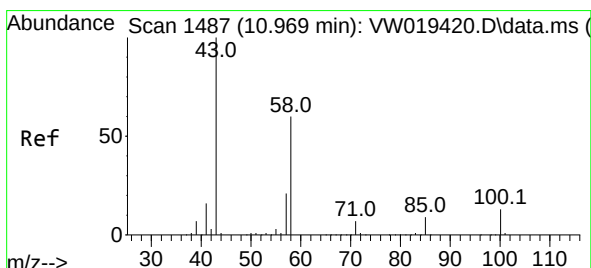
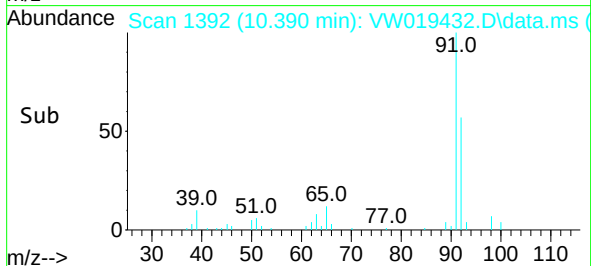
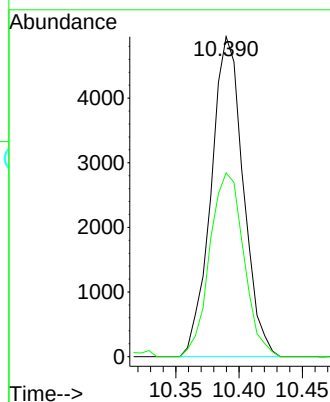
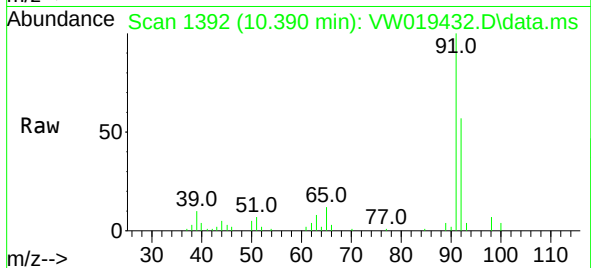
Acq: 12 Jul 2021 14:46

Tgt Ion: 91 Resp: 8752

Ion Ratio Lower Upper

91 100

92 57.5 39.5 73.3



#48

2-Hexanone

Concen: 2.296 ug/L

RT: 10.926 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW019432.D

Acq: 12 Jul 2021 14:46

Tgt Ion: 43 Resp: 6743

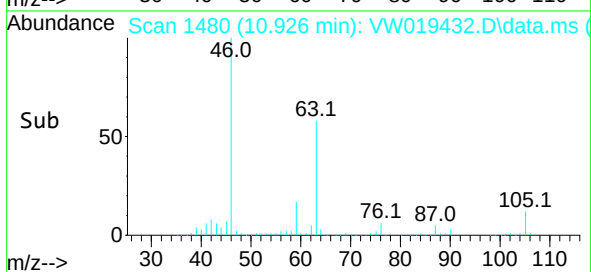
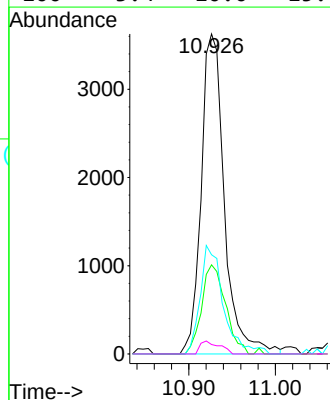
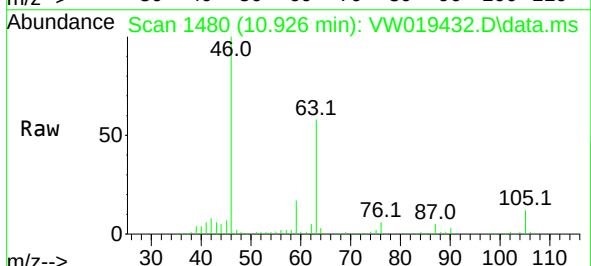
Ion Ratio Lower Upper

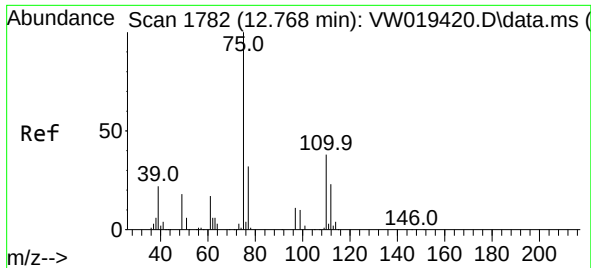
43 100

58 28.7 42.7 64.1#

57 33.1 15.8 23.8#

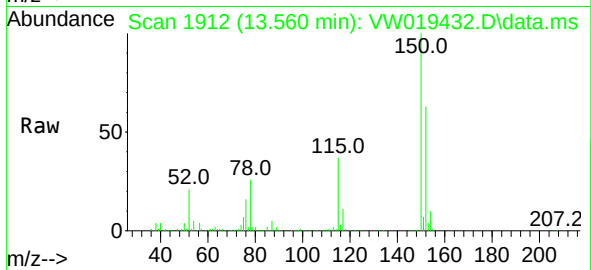
100 3.4 10.0 15.0#





#61
 1,2,3-Trichloropropane
 Concen: 5.493 ug/L
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.792 min
 Lab File: VW019432.D
 Acq: 12 Jul 2021 14:46

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	21788
Ion Ratio	Lower	Upper	
75	100		
77	32.7	25.3	37.9
110	2.5	32.6	48.8#

