

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062921\
 Data File : VW019360.D
 Acq On : 29 Jun 2021 14:33
 Operator : SY/VA
 Sample : M2878-01
 Misc : 4.84G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 01:22:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 30 01:19:19 2021
 Response via : Initial Calibration

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

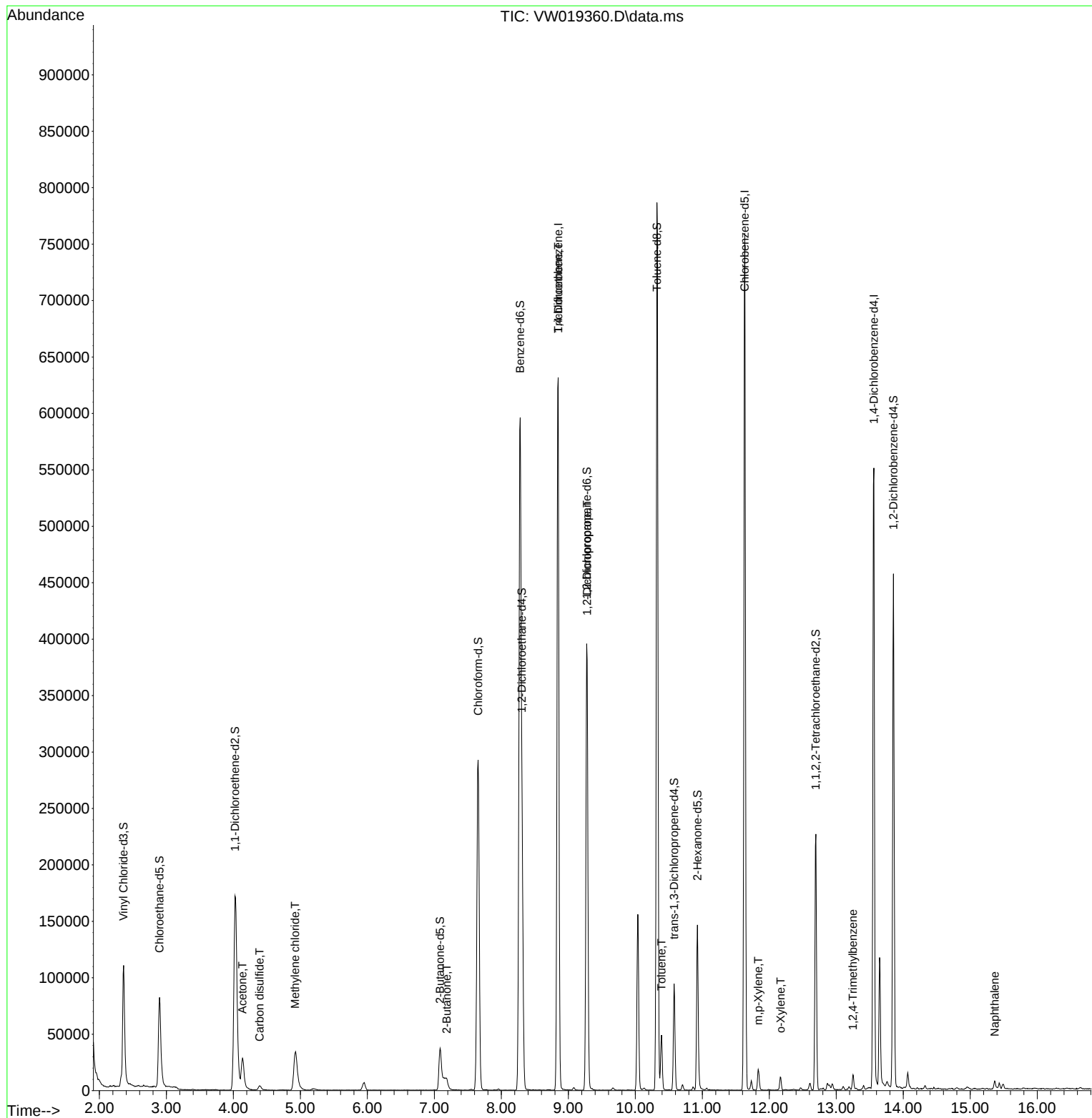
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	531304	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	420748	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	145659	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	139951	20.063	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	80.240%	
7) Chloroethane-d5	2.898	69	116964	21.570	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	86.280%	
11) 1,1-Dichloroethene-d2	4.026	63	209864	14.723	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	58.880%	
21) 2-Butanone-d5	7.086	46	64907	37.465	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	74.940%	
24) Chloroform-d	7.653	84	310888	21.183	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	84.720%	
26) 1,2-Dichloroethane-d4	8.305	65	155411	20.620	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	82.480%	
32) Benzene-d6	8.281	84	631876	24.504	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	98.000%	
36) 1,2-Dichloropropane-d6	9.275	67	195719	24.902	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	99.600%	
41) Toluene-d8	10.323	98	522201	22.359	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	89.440%	
43) trans-1,3-Dichloroprop...	10.579	79	53440	17.268	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	69.080%	
47) 2-Hexanone-d5	10.927	63	50634	41.221	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	82.440%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	116599	20.110	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	80.440%	
66) 1,2-Dichlorobenzene-d4	13.853	152	115644	21.704	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	86.800%	
Target Compounds					Qvalue	
13) Acetone	4.135	43	51960	48.082	ug/L	87
14) Carbon disulfide	4.391	76	8831	0.393	ug/L #	93
16) Methylene chloride	4.922	84	32630	3.513	ug/L	91
22) 2-Butanone	7.183	43	16738	9.082	ug/L	92
34) Trichloroethene	8.848	95	15674	2.244	ug/L #	5
37) 1,2-Dichloropropane	9.281	63	21203	3.156	ug/L #	87
42) Toluene	10.390	91	35074	1.232	ug/L	94
53) m,p-Xylene	11.835	106	5573	0.473	ug/L	94
54) o-Xylene	12.170	106	3173	0.282	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	7450	0.433	ug/L	99
71) Naphthalene	15.365	128	6111	0.582	ug/L	97

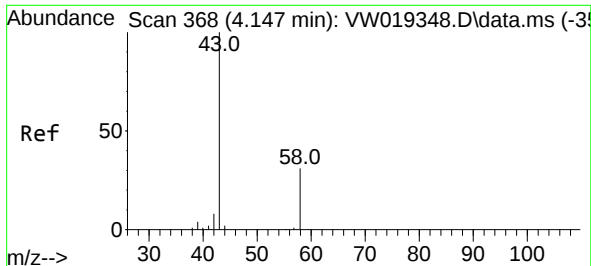
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M2878-01
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 30 01:19:19 2021
Response via : Initial Calibration

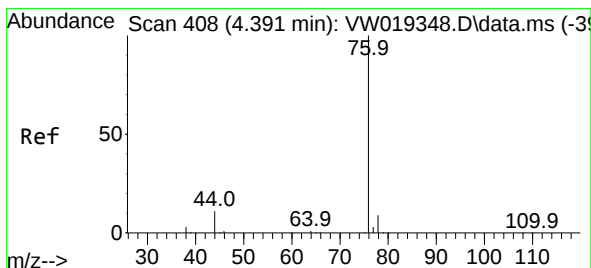
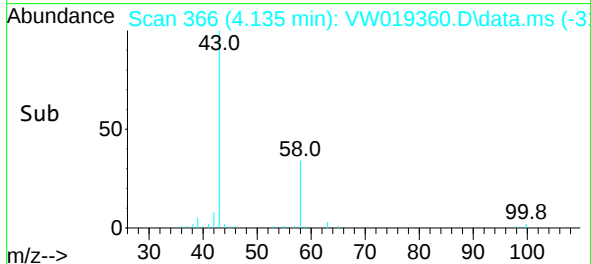
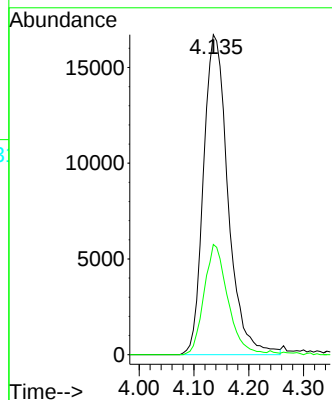
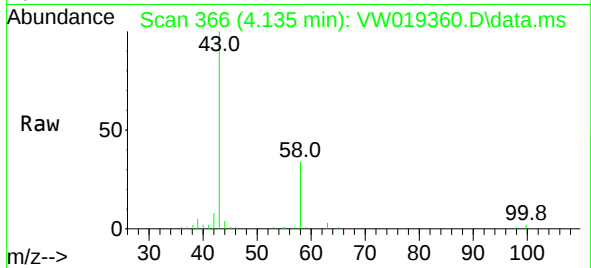




#13
Acetone
Concen: 48.082 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW019360.D
Acq: 29 Jun 2021 14:33

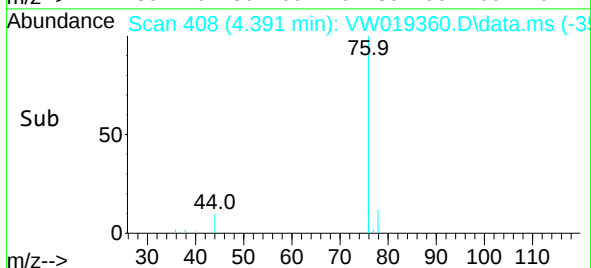
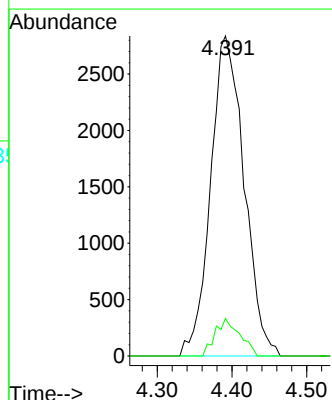
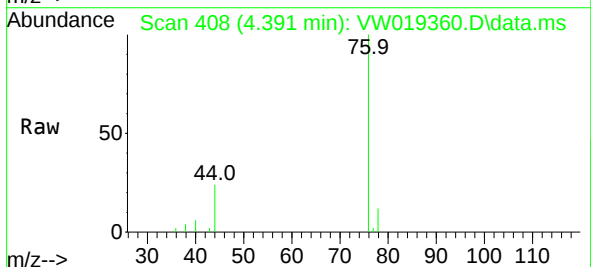
Instrument :
MSVOA_W
ClientSampled :

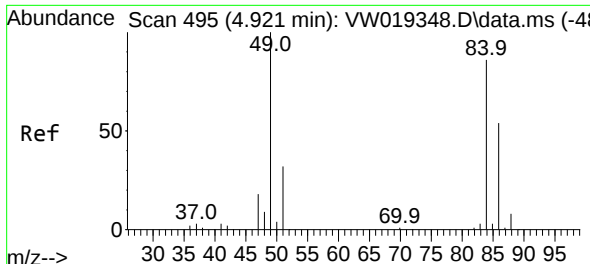
Tgt Ion: 43 Resp: 51960
Ion Ratio Lower Upper
43 100
58 33.4 0.0 53.8



#14
Carbon disulfide
Concen: 0.393 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019360.D
Acq: 29 Jun 2021 14:33

Tgt Ion: 76 Resp: 8831
Ion Ratio Lower Upper
76 100
78 11.8 7.4 11.0#

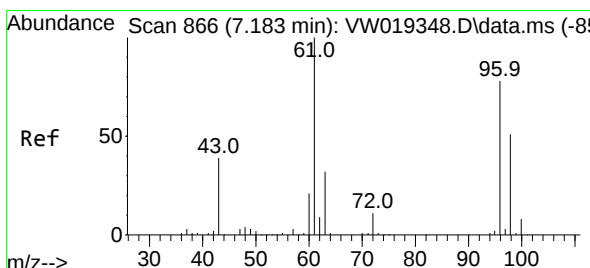
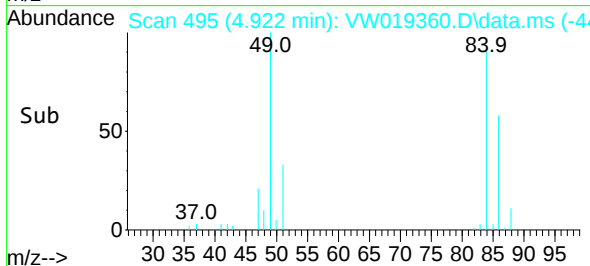
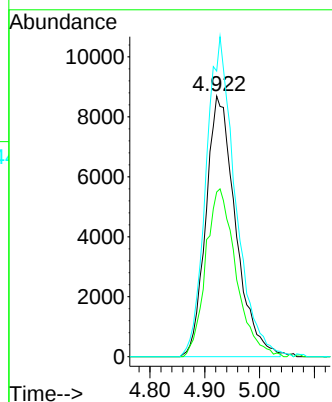
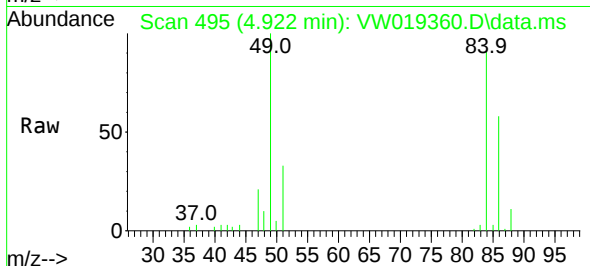




#16
Methylene chloride
Concen: 3.513 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019360.D
Acq: 29 Jun 2021 14:33

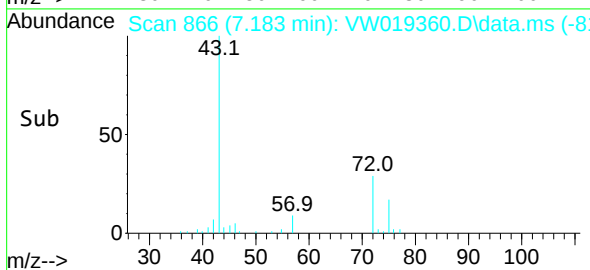
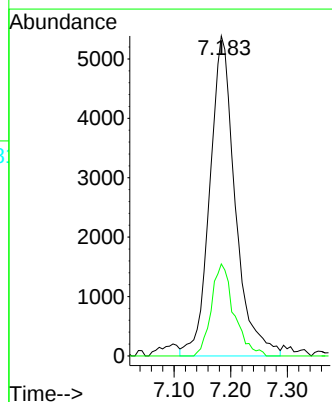
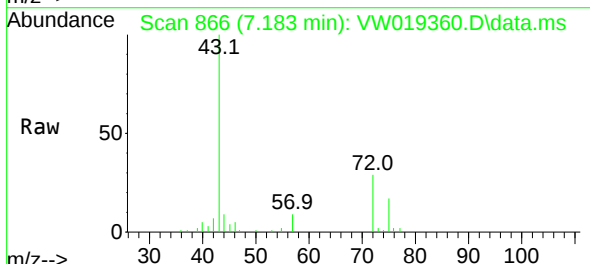
Instrument :
MSVOA_W
ClientSampled :

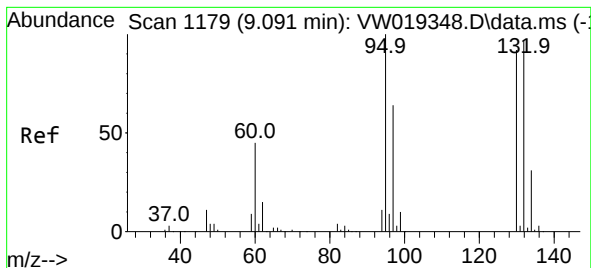
Tgt Ion: 84 Resp: 32630
Ion Ratio Lower Upper
84 100
86 63.2 45.3 84.1
49 109.6 86.6 160.8



#22
2-Butanone
Concen: 9.082 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW019360.D
Acq: 29 Jun 2021 14:33

Tgt Ion: 43 Resp: 16738
Ion Ratio Lower Upper
43 100
72 25.3 14.9 44.7





#34

Trichloroethene

Concen: 2.244 ug/L

RT: 8.848 min Scan# 1139

Delta R.T. -0.243 min

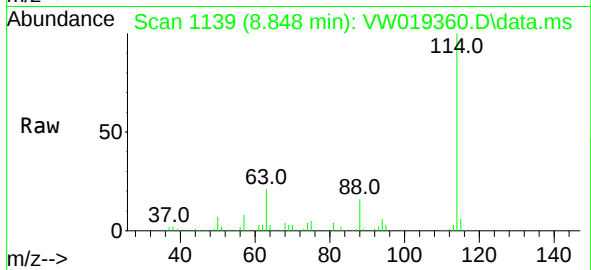
Lab File: VW019360.D

Acq: 29 Jun 2021 14:33

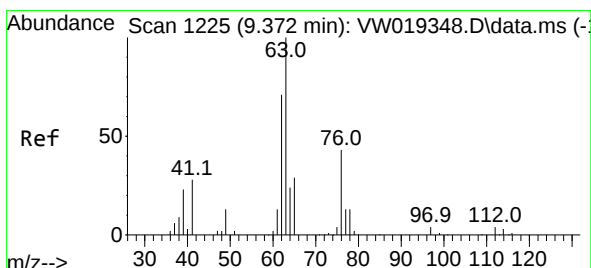
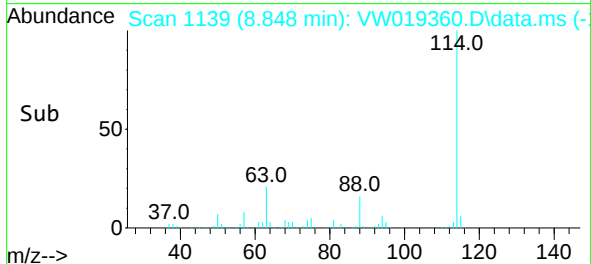
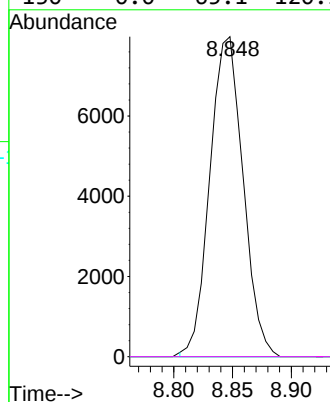
Instrument :

MSVOA_W

ClientSampled :



Tgt Ion:	95	Resp:	15674
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: 3.156 ug/L

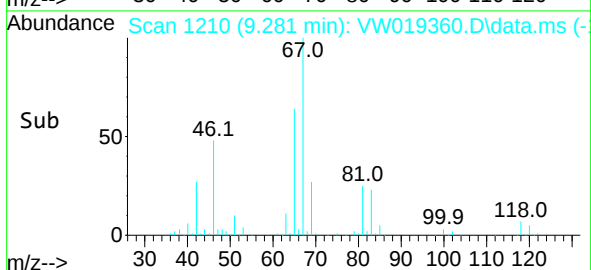
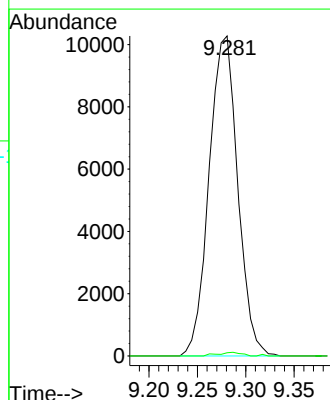
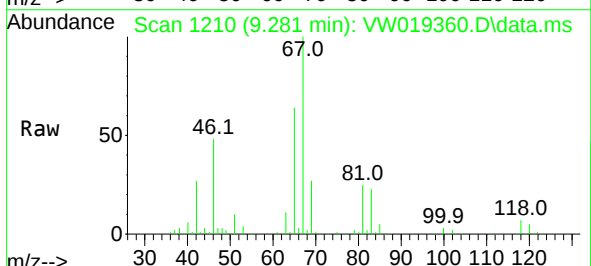
RT: 9.281 min Scan# 1210

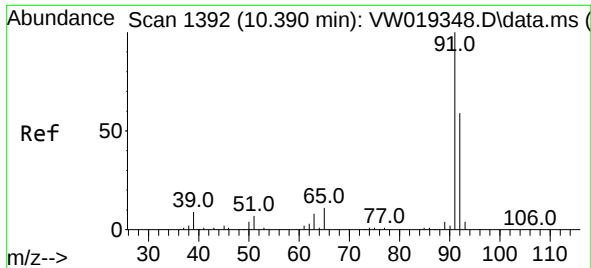
Delta R.T. -0.091 min

Lab File: VW019360.D

Acq: 29 Jun 2021 14:33

Tgt Ion:	63	Resp:	21203
Ion Ratio	Lower	Upper	
63	100		
112	0.6	3.9	5.9#

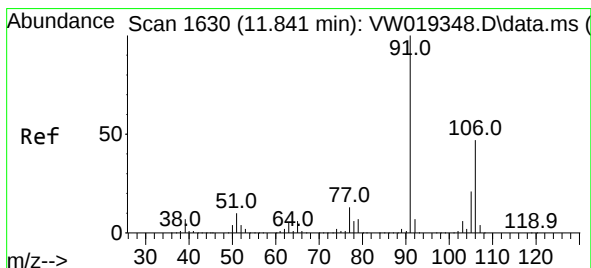
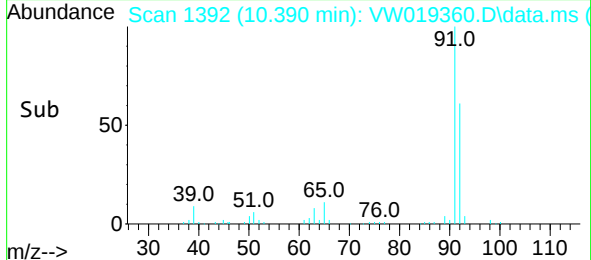
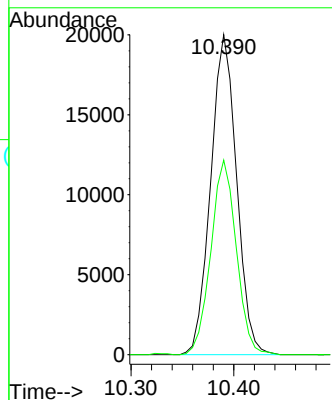
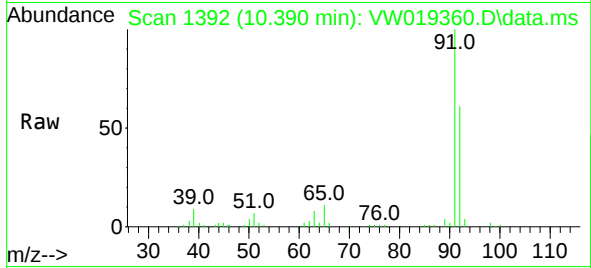




#42
Toluene
Concen: 1.232 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019360.D
Acq: 29 Jun 2021 14:33

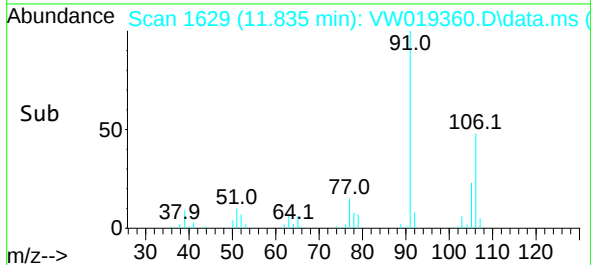
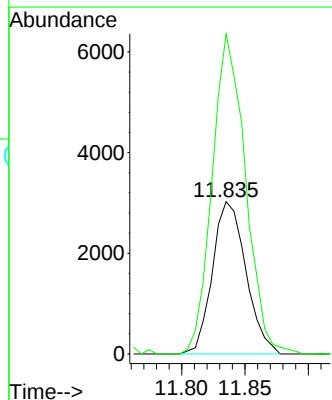
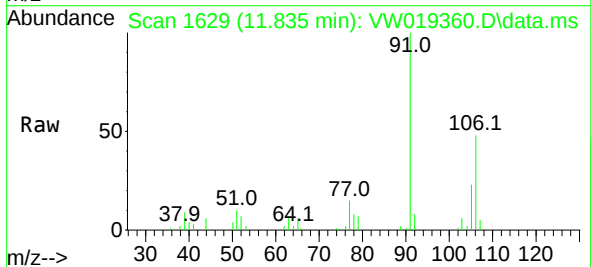
Instrument :
MSVOA_W
ClientSampled :

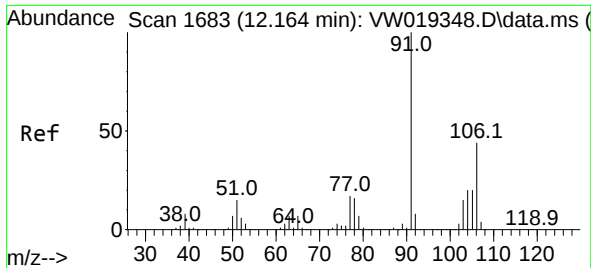
Tgt Ion: 91 Resp: 35074
Ion Ratio Lower Upper
91 100
92 60.8 39.5 73.3



#53
m,p-Xylene
Concen: 0.473 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW019360.D
Acq: 29 Jun 2021 14:33

Tgt Ion: 106 Resp: 5573
Ion Ratio Lower Upper
106 100
91 210.2 141.3 262.3

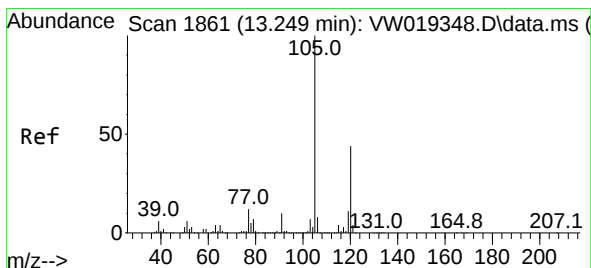
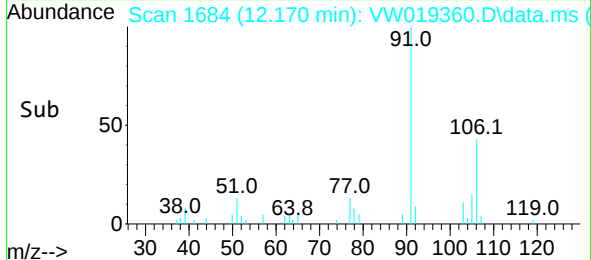
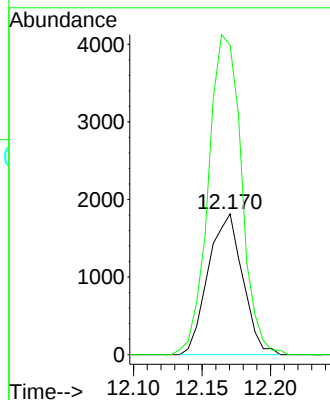
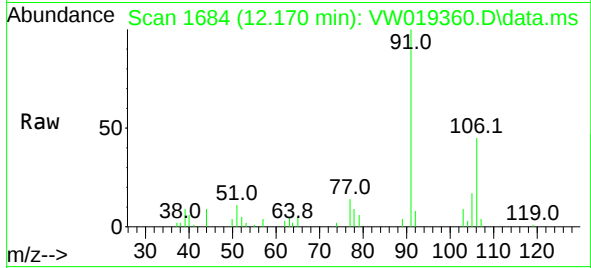




#54
o-Xylene
Concen: 0.282 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.007 min
Lab File: VW019360.D
Acq: 29 Jun 2021 14:33

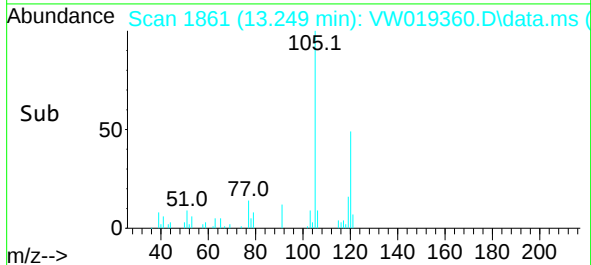
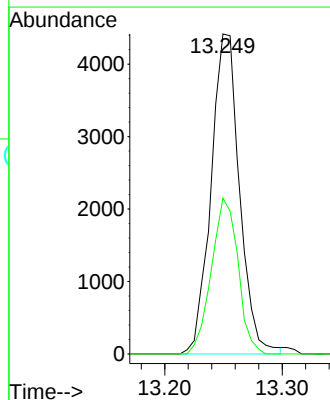
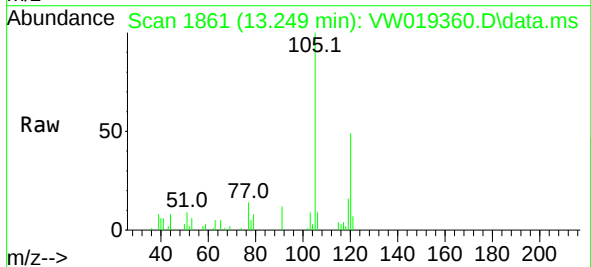
Instrument :
MSVOA_W
ClientSampleId :

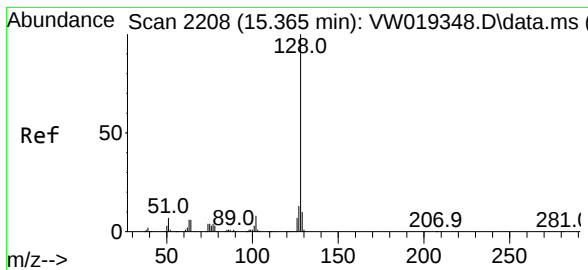
Tgt Ion:106 Resp: 3173
Ion Ratio Lower Upper
106 100
91 220.0 150.0 278.6



#63
1,2,4-Trimethylbenzene
Concen: 0.433 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019360.D
Acq: 29 Jun 2021 14:33

Tgt Ion:105 Resp: 7450
Ion Ratio Lower Upper
105 100
120 45.3 35.6 53.4





#71
Naphthalene
Concen: 0.582 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019360.D
Acq: 29 Jun 2021 14:33

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	6111
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	15.8
129	12.7	9.0	13.6

