

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
 Data File : VW019135.D
 Acq On : 04 Jun 2021 17:53
 Operator : SY/VA
 Sample : M2618-08
 Misc : 4.36G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 05 00:39:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 05 00:35:45 2021
 Response via : Initial Calibration

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

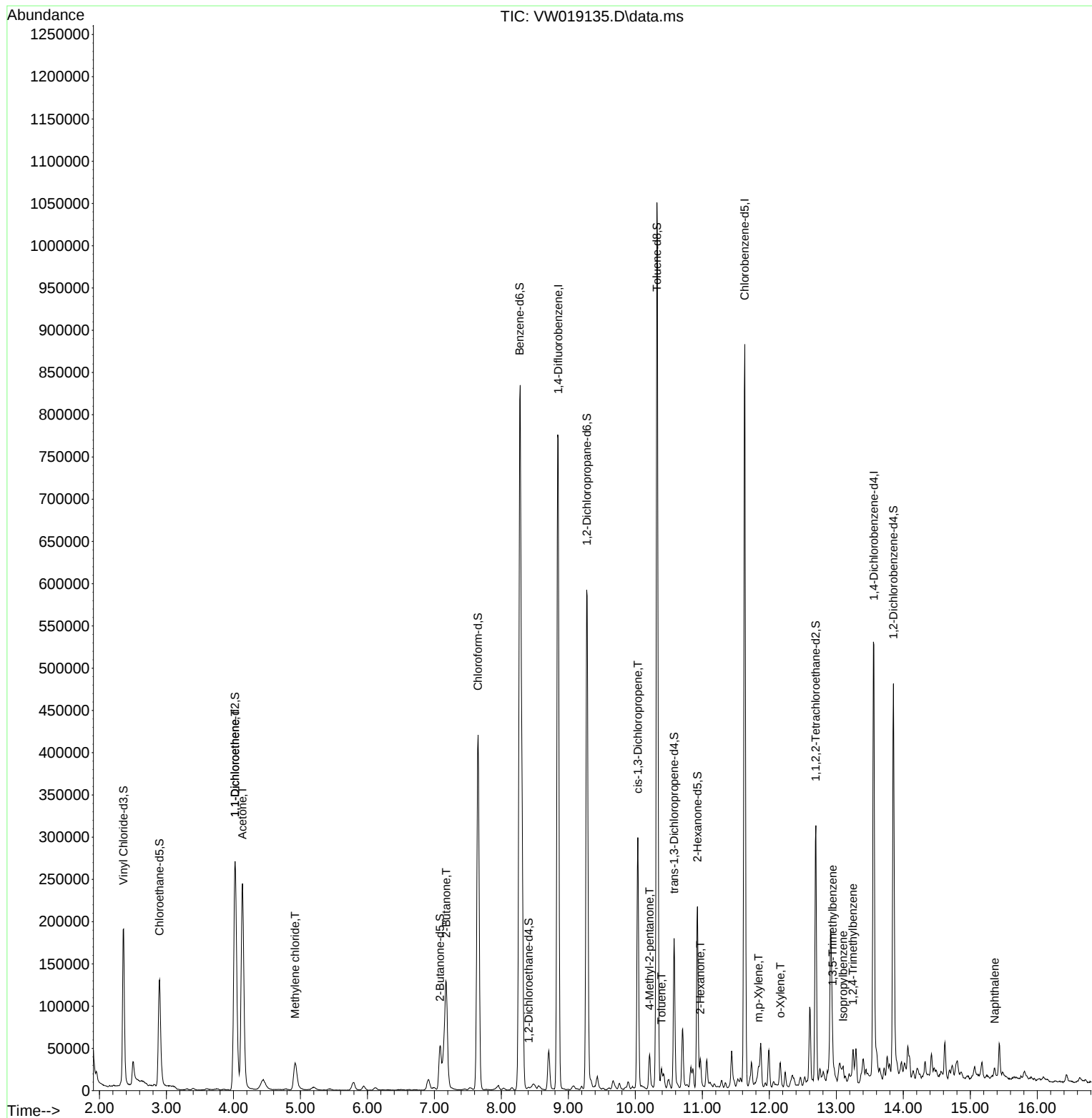
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	674297	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	480119	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	134727	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	221724	24.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.480%
7) Chloroethane-d5	2.898	69	172018	22.651	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	4.025	63	302097	17.053	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.200%
21) 2-Butanone-d5	7.086	46	88009	37.682	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.360%
24) Chloroform-d	7.653	84	429233	23.677	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.720%
26) 1,2-Dichloroethane-d4	8.409	65	191	0.019	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.275	84	851303	31.121	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.480%
36) 1,2-Dichloropropane-d6	9.274	67	248052	29.912	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.640%
41) Toluene-d8	10.323	98	675723	26.898	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.600%
43) trans-1,3-Dichloroprop...	10.579	79	95025	26.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.840%
47) 2-Hexanone-d5	10.927	63	75406	53.622	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.240%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	147798	21.606	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	119177	25.344	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.360%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.025	96	2504	0.262	ug/L #	1
13) Acetone	4.135	43	452308	218.546	ug/L	90
16) Methylene chloride	4.922	84	28644	2.289	ug/L	93
22) 2-Butanone	7.177	43	189957	68.645	ug/L	99
39) cis-1,3-Dichloropropene	10.036	75	7397	0.615	ug/L #	72
40) 4-Methyl-2-pentanone	10.213	43	24804	5.369	ug/L	94
42) Toluene	10.390	91	13737	0.404	ug/L	93
48) 2-Hexanone	10.969	43	18620	5.995	ug/L	93
53) m,p-Xylene	11.841	106	6464	0.469	ug/L	87
54) o-Xylene	12.164	106	5065	0.386	ug/L	97
60) Isopropylbenzene	13.103	105	10220	0.507	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	7991	0.482	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	23292	1.408	ug/L	93
71) Naphthalene	15.365	128	10148	0.975	ug/L #	95

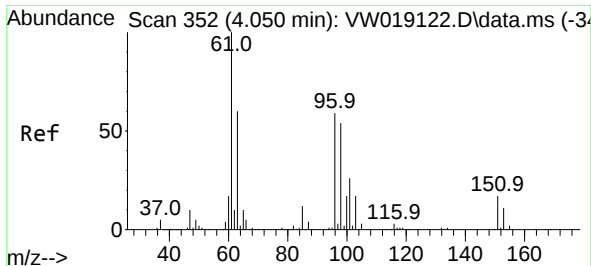
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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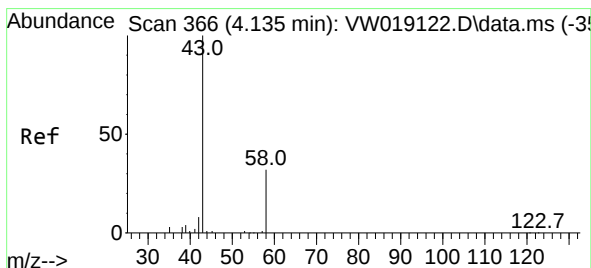
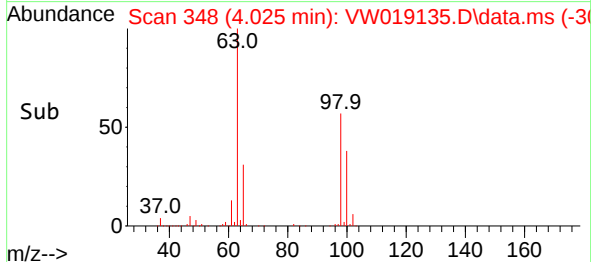
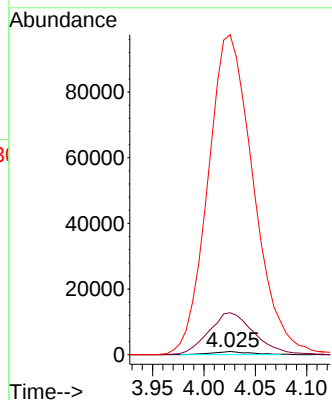
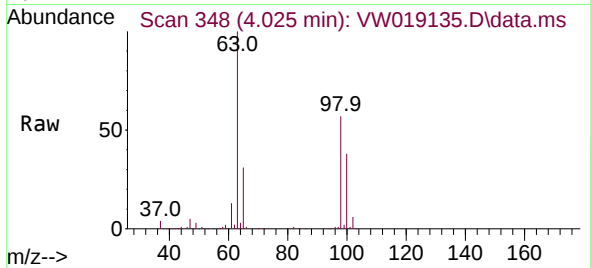




#12
1,1-Dichloroethene
Concen: 0.262 ug/L
RT: 4.025 min Scan# 348
Delta R.T. -0.024 min
Lab File: VW019135.D
Acq: 04 Jun 2021 17:53

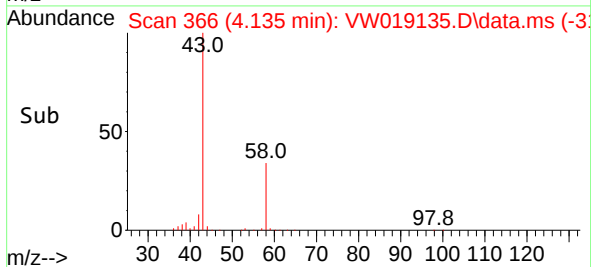
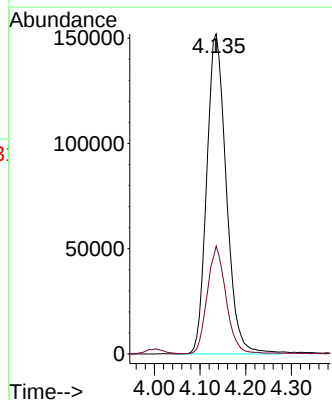
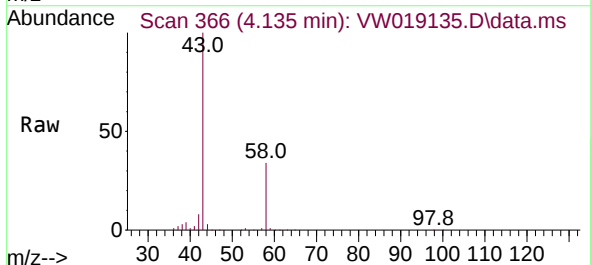
Instrument :
MSVOA_W
ClientSampled :

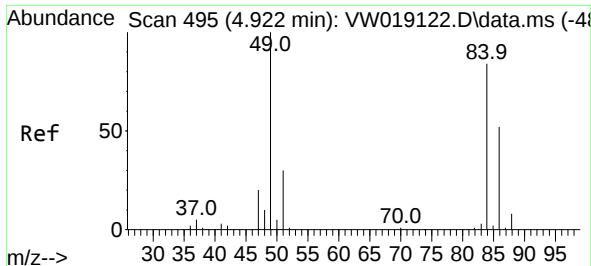
Tgt Ion: 96 Resp: 2504
Ion Ratio Lower Upper
96 100
61 1315.1 118.1 219.3#
63 10039.1 83.7 155.5#



#13
Acetone
Concen: 218.546 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW019135.D
Acq: 04 Jun 2021 17:53

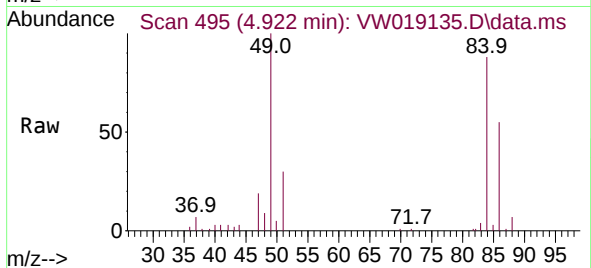
Tgt Ion: 43 Resp: 452308
Ion Ratio Lower Upper
43 100
58 32.1 0.0 53.8





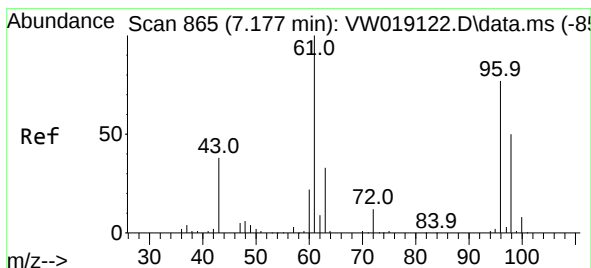
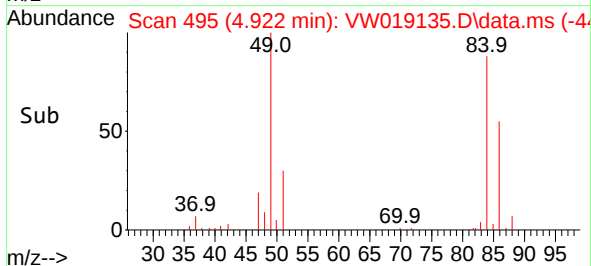
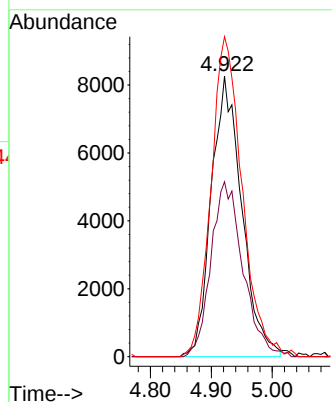
#16
Methylene chloride
Concen: 2.289 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019135.D
Acq: 04 Jun 2021 17:53

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 84 Resp: 28644

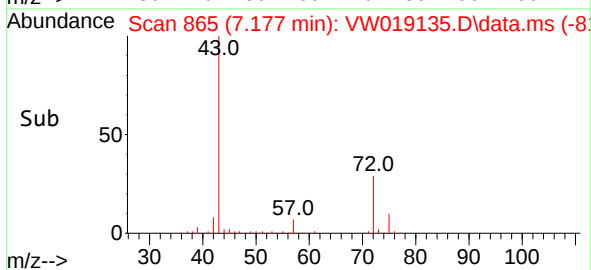
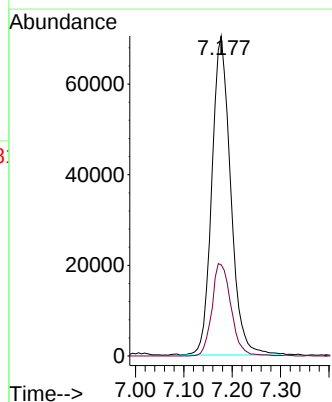
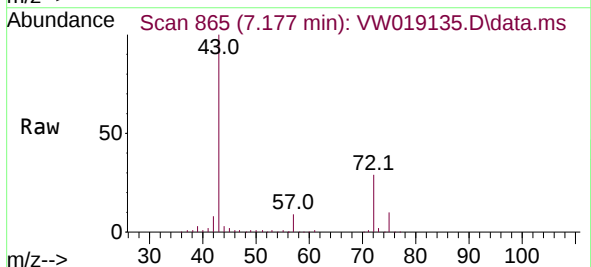
Ion	Ratio	Lower	Upper
84	100		
86	62.3	45.3	84.1
49	114.0	86.6	160.8

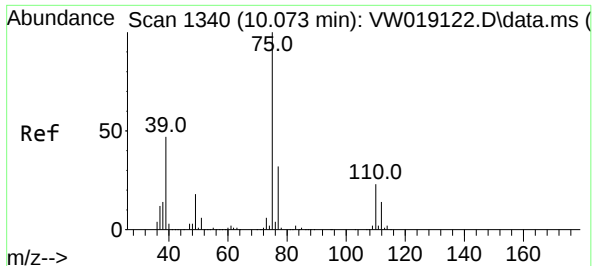


#22
2-Butanone
Concen: 68.645 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW019135.D
Acq: 04 Jun 2021 17:53

Tgt Ion: 43 Resp: 189957

Ion	Ratio	Lower	Upper
43	100		
72	29.3	14.9	44.7

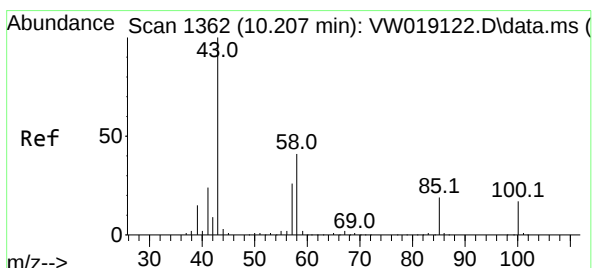
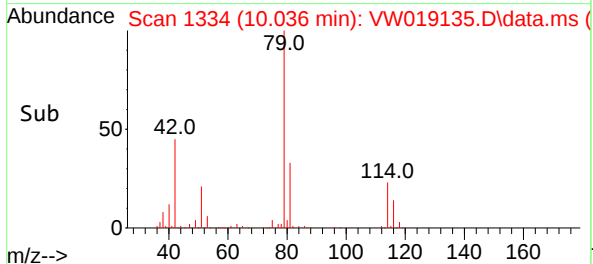
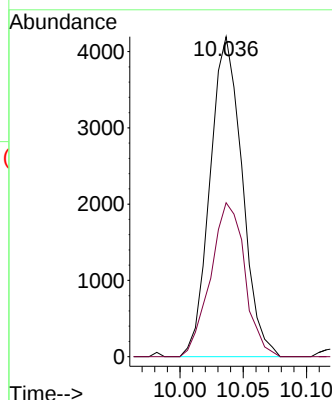
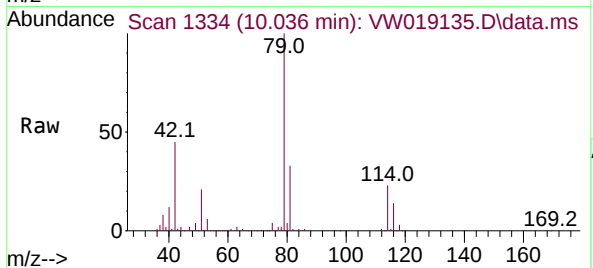




#39
cis-1,3-Dichloropropene
Concen: 0.615 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019135.D
Acq: 04 Jun 2021 17:53

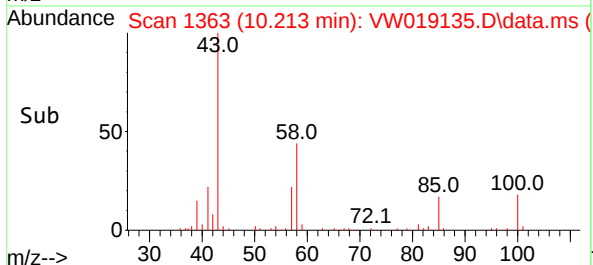
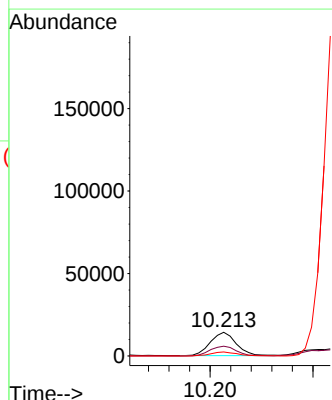
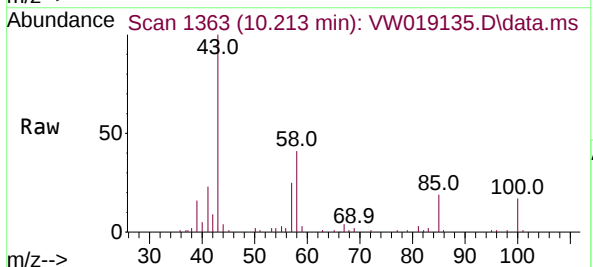
Instrument :
MSVOA_W
ClientSampled :

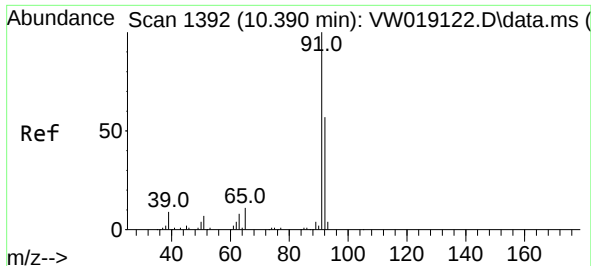
Tgt Ion: 75 Resp: 7397
Ion Ratio Lower Upper
75 100
77 48.1 22.6 42.0#



#40
4-Methyl-2-pentanone
Concen: 5.369 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019135.D
Acq: 04 Jun 2021 17:53

Tgt Ion: 43 Resp: 24804
Ion Ratio Lower Upper
43 100
58 43.2 31.0 46.4
100 17.4 13.0 19.6

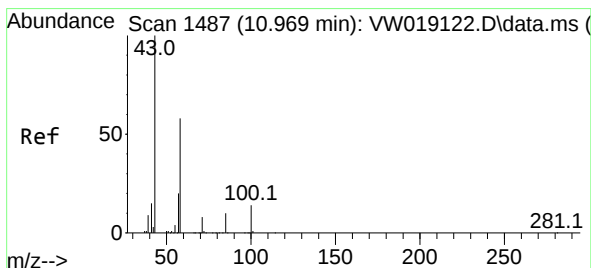
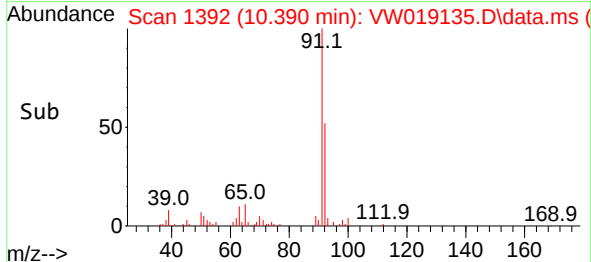
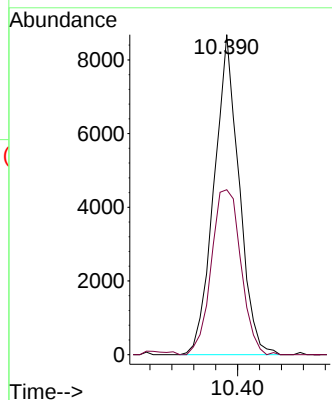
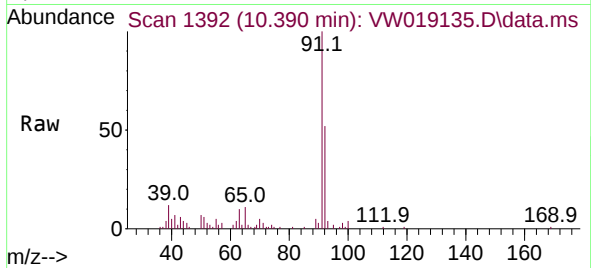




#42
Toluene
Concen: 0.404 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019135.D
Acq: 04 Jun 2021 17:53

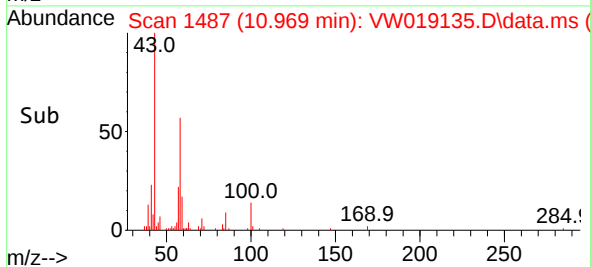
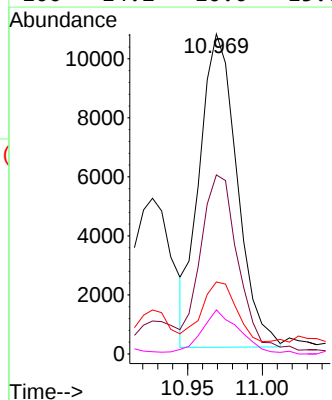
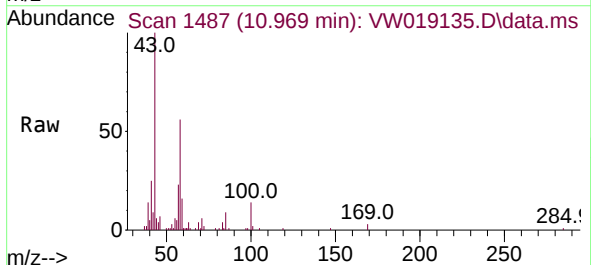
Instrument :
MSVOA_W
ClientSampled :

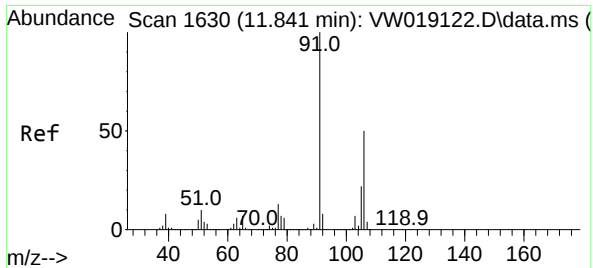
Tgt Ion: 91 Resp: 13737
Ion Ratio Lower Upper
91 100
92 51.5 39.5 73.3



#48
2-Hexanone
Concen: 5.995 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019135.D
Acq: 04 Jun 2021 17:53

Tgt Ion: 43 Resp: 18620
Ion Ratio Lower Upper
43 100
58 58.4 42.7 64.1
57 22.9 15.8 23.8
100 14.2 10.0 15.0

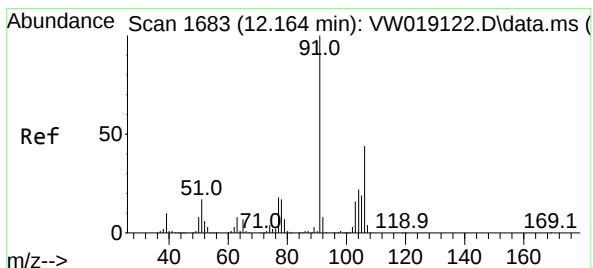
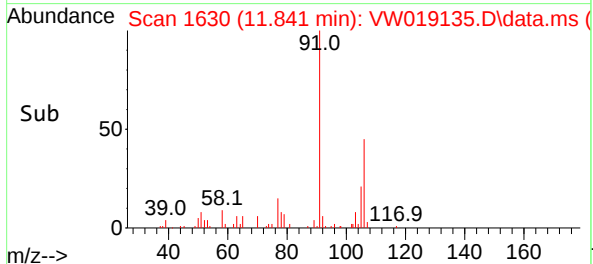
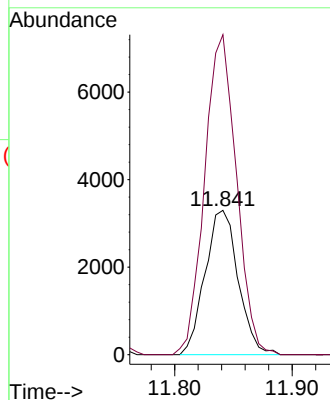
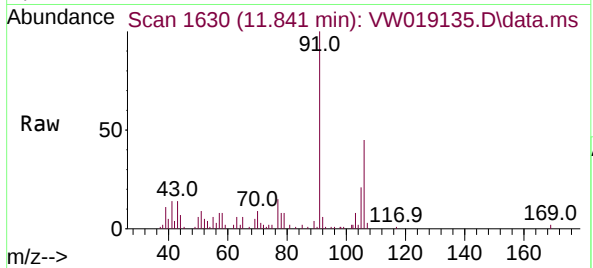




#53
m,p-Xylene
Concen: 0.469 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019135.D
Acq: 04 Jun 2021 17:53

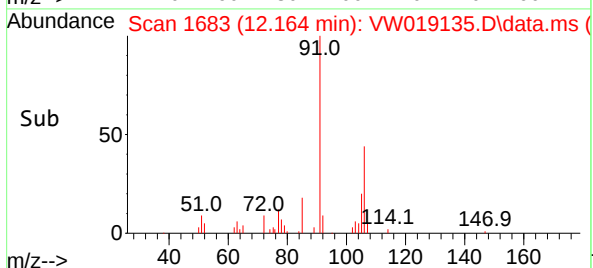
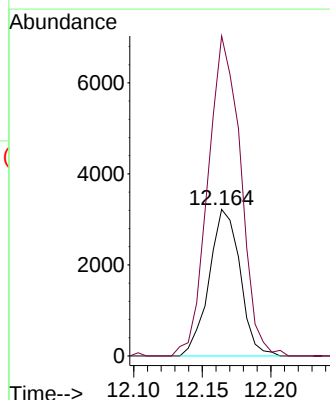
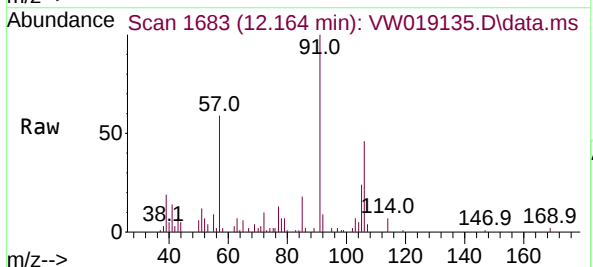
Instrument :
MSVOA_W
ClientSampled :

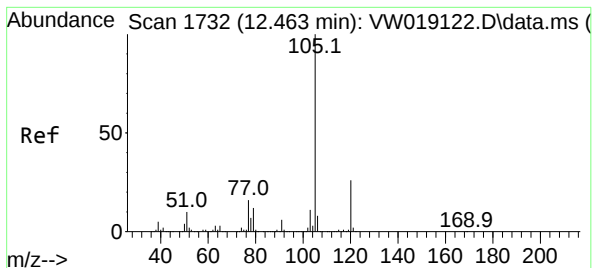
Tgt Ion:106 Resp: 6464
Ion Ratio Lower Upper
106 100
91 221.8 141.3 262.3



#54
o-Xylene
Concen: 0.386 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019135.D
Acq: 04 Jun 2021 17:53

Tgt Ion:106 Resp: 5065
Ion Ratio Lower Upper
106 100
91 218.4 150.0 278.6

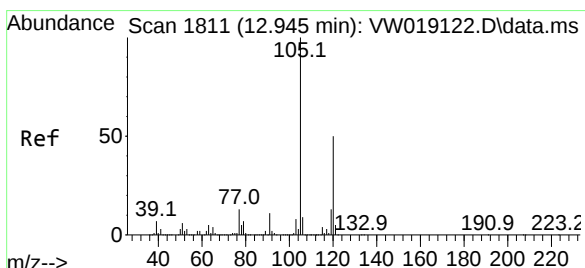
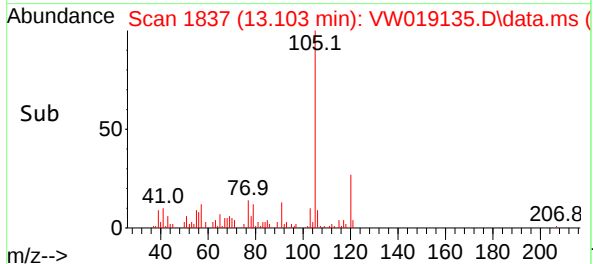
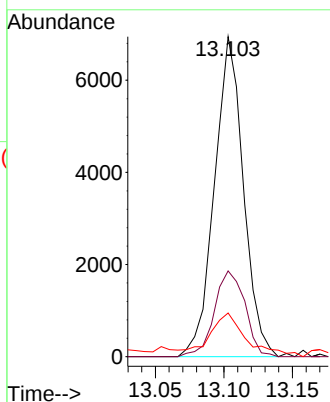
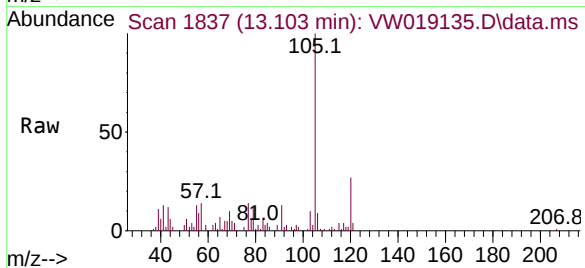




#60
Isopropylbenzene
Concen: 0.507 ug/L
RT: 13.103 min Scan# 1837
Delta R.T. 0.640 min
Lab File: VW019135.D
Acq: 04 Jun 2021 17:53

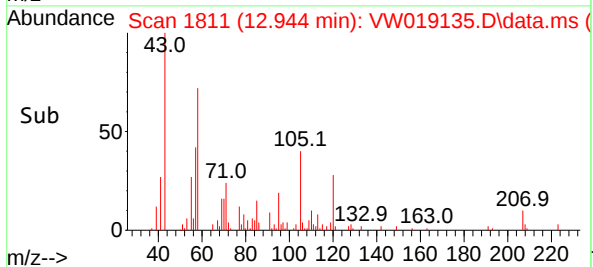
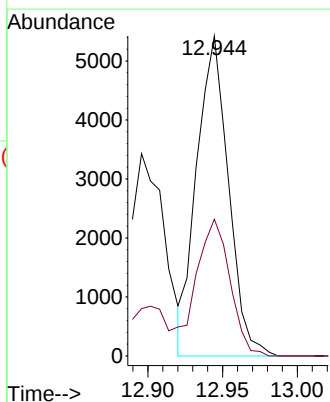
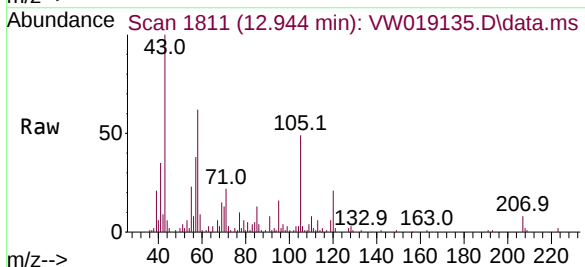
Instrument :
MSVOA_W
ClientSampled :

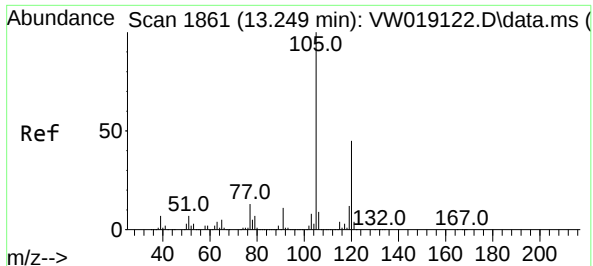
Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.3	21.1	31.7
77	17.4	13.2	19.8



#62
1,3,5-Trimethylbenzene
Concen: 0.482 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019135.D
Acq: 04 Jun 2021 17:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	39.0	58.6

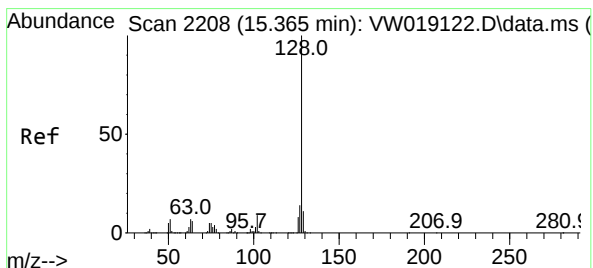
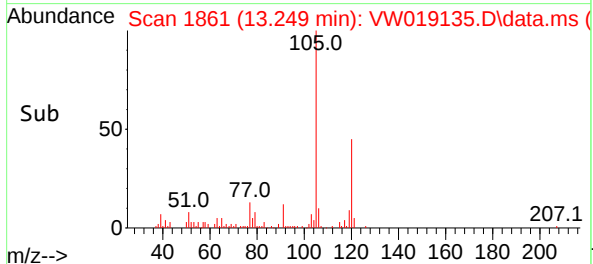
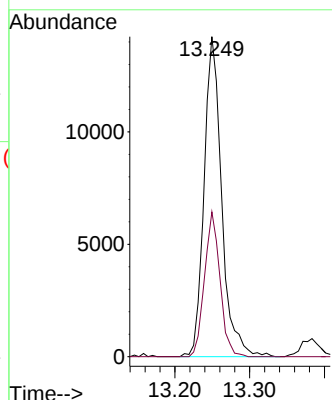
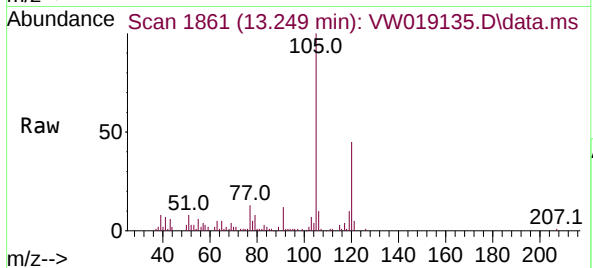




#63
1,2,4-Trimethylbenzene
Concen: 1.408 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019135.D
Acq: 04 Jun 2021 17:53

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:105 Resp: 23292
Ion Ratio Lower Upper
105 100
120 39.7 35.6 53.4



#71
Naphthalene
Concen: 0.975 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019135.D
Acq: 04 Jun 2021 17:53

Tgt Ion:128 Resp: 10148
Ion Ratio Lower Upper
128 100
127 16.3 10.6 15.8#
129 12.2 9.0 13.6

