

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
 Data File : VW019124.D
 Acq On : 04 Jun 2021 11:40
 Operator : SY/VA
 Sample : M2596-09RE
 Misc : 4.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 05 00:38:38 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)

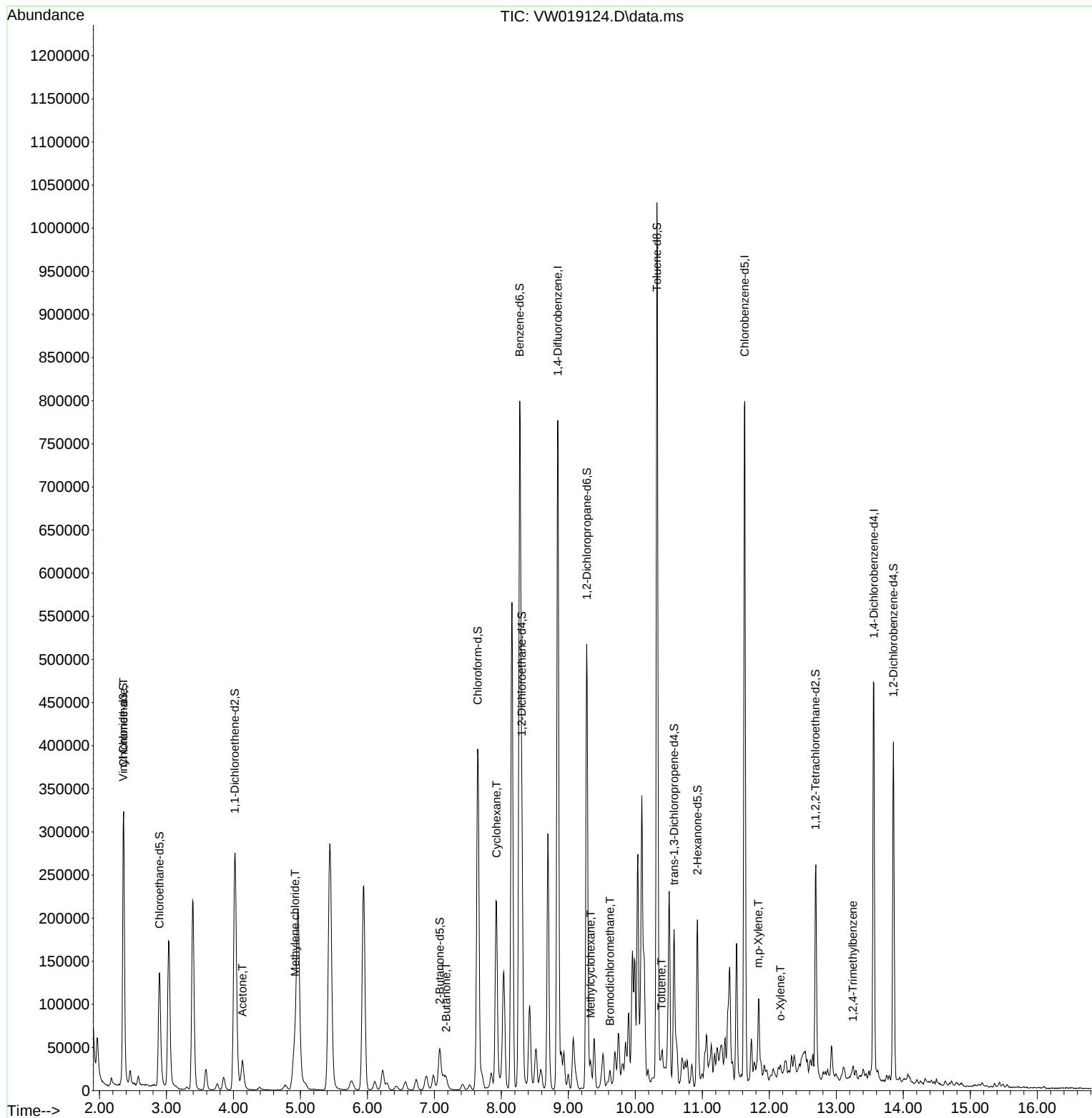
Internal Standards							
1) 1,4-Difluorobenzene		8.841	114	617470	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.634	117	420543	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.560	152	122253	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.355	65	228494	27.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.920%	
7) Chloroethane-d5		2.897	69	179642	25.832	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.320%	
11) 1,1-Dichloroethene-d2		4.019	63	304415	18.765	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.040%	
21) 2-Butanone-d5		7.079	46	72845	34.059	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.120%	
24) Chloroform-d		7.646	84	400133	24.103	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.400%	
26) 1,2-Dichloroethane-d4		8.305	65	200646	21.548	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.200%	
32) Benzene-d6		8.274	84	817505	34.120	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	136.480%#	
36) 1,2-Dichloropropane-d6		9.274	67	238745	32.868	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.480%#	
41) Toluene-d8		10.323	98	645681	29.343	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.360%	
43) trans-1,3-Dichloroprop...		10.579	79	82983	26.378	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.520%	
47) 2-Hexanone-d5		10.926	63	60589	49.190	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.380%	
56) 1,1,2,2-Tetrachloroeth...		12.688	84	124258	20.738	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.960%	
66) 1,2-Dichlorobenzene-d4		13.853	152	99381	23.290	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.160%	
Target Compounds							Qvalue
3) Chloromethane		2.361	50	3278	0.443	ug/L	89
13) Acetone		4.135	43	58980	31.121	ug/L	92
16) Methylene chloride		4.921	84	22028	1.923	ug/L	91
22) 2-Butanone		7.177	43	18325	7.232	ug/L	98
29) Cyclohexane		7.927	56	43599	3.984	ug/L #	38
35) Methylcyclohexane		9.335	83	3303	0.266	ug/L #	54
38) Bromodichloromethane		9.622	83	10972	1.245	ug/L #	27
42) Toluene		10.390	91	17030	0.572	ug/L	97
53) m,p-Xylene		11.835	106	5592	0.463	ug/L	97
54) o-Xylene		12.164	106	3240	0.282	ug/L	97
63) 1,2,4-Trimethylbenzene		13.249	105	7235	0.482	ug/L	90

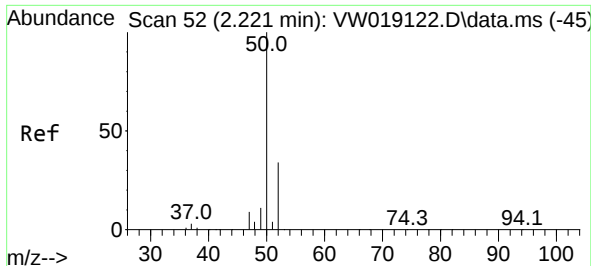
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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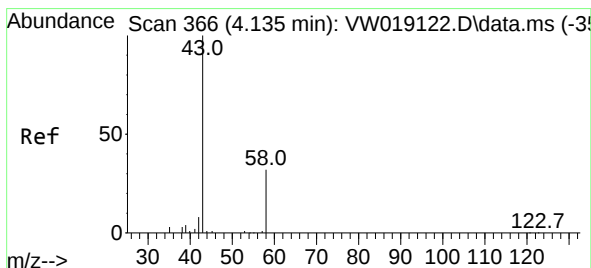
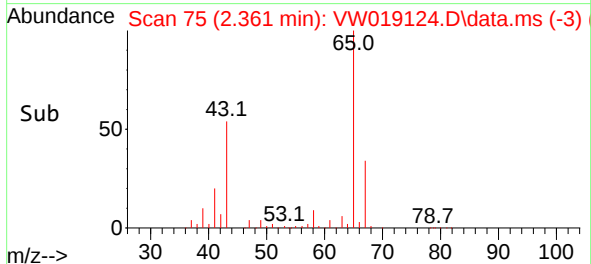
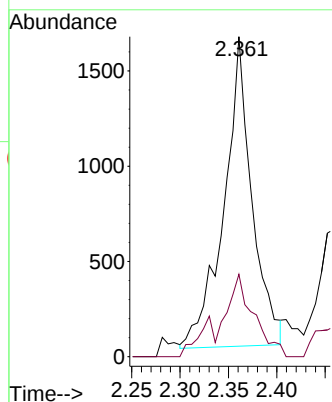
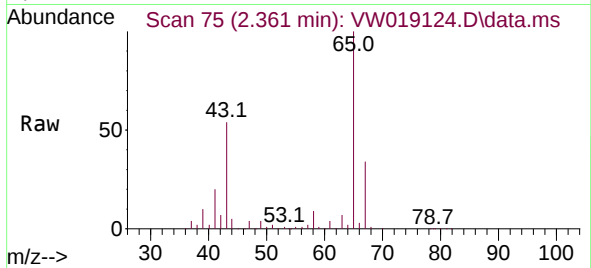




#3
Chloromethane
Concen: 0.443 ug/L
RT: 2.361 min Scan# 75
Delta R.T. 0.140 min
Lab File: VW019124.D
Acq: 04 Jun 2021 11:40

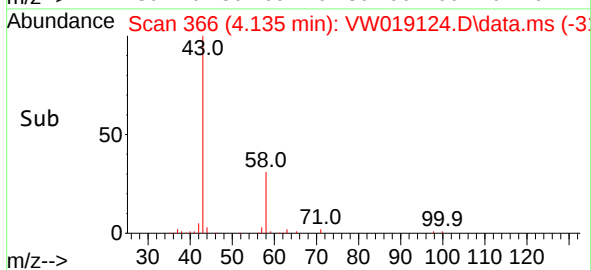
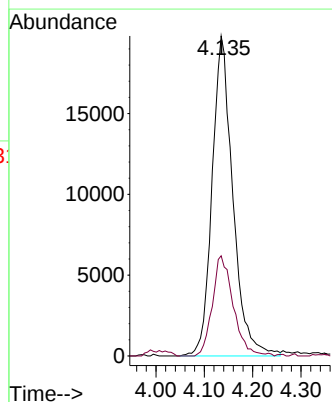
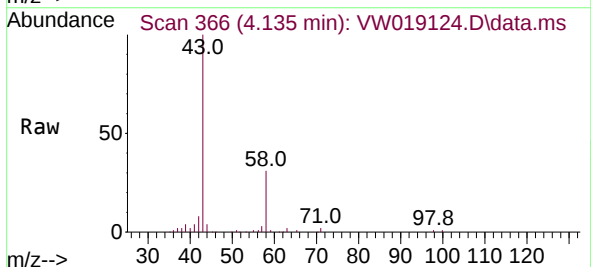
Instrument :
MSVOA_W
ClientSampled :

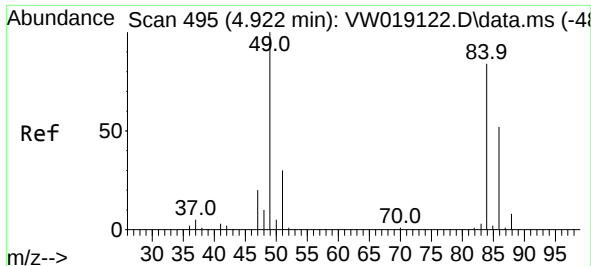
Tgt Ion: 50 Resp: 3278
Ion Ratio Lower Upper
50 100
52 25.8 22.5 41.9



#13
Acetone
Concen: 31.121 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW019124.D
Acq: 04 Jun 2021 11:40

Tgt Ion: 43 Resp: 58980
Ion Ratio Lower Upper
43 100
58 31.3 0.0 53.8

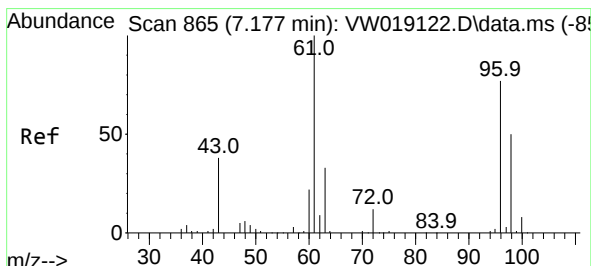
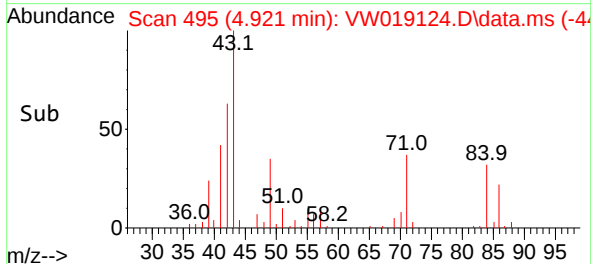
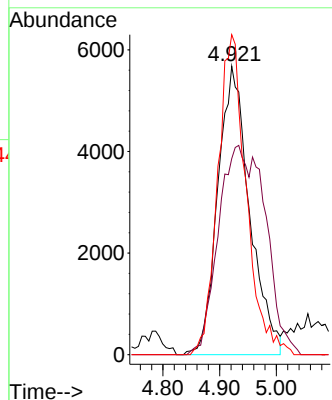
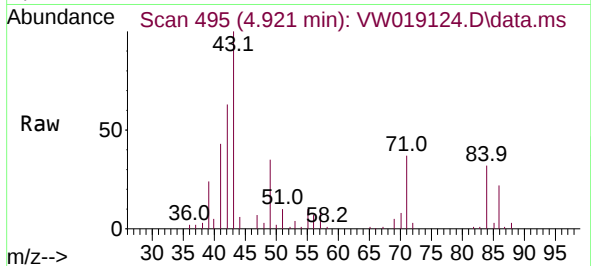




#16
Methylene chloride
Concen: 1.923 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019124.D
Acq: 04 Jun 2021 11:40

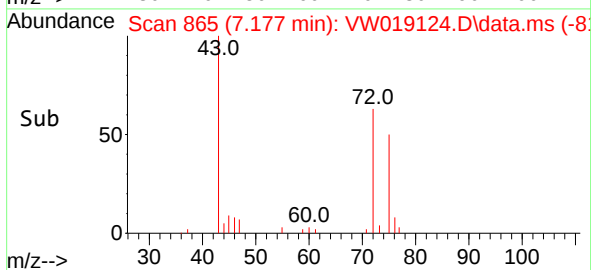
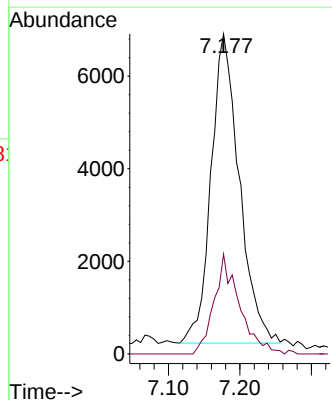
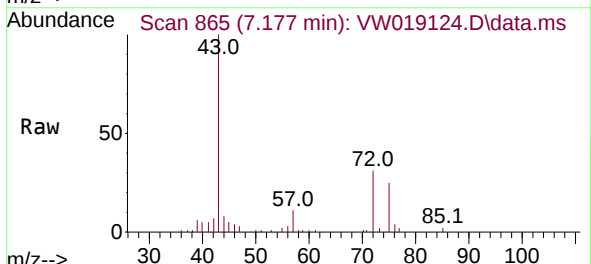
Instrument :
MSVOA_W
ClientSampled :

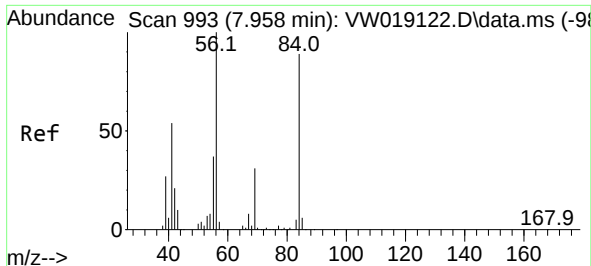
Tgt Ion: 84 Resp: 22028
Ion Ratio Lower Upper
84 100
86 67.9 45.3 84.1
49 110.9 86.6 160.8



#22
2-Butanone
Concen: 7.232 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW019124.D
Acq: 04 Jun 2021 11:40

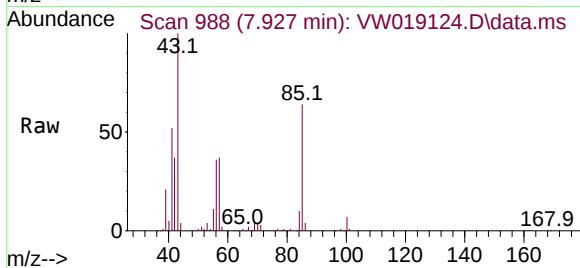
Tgt Ion: 43 Resp: 18325
Ion Ratio Lower Upper
43 100
72 28.8 14.9 44.7



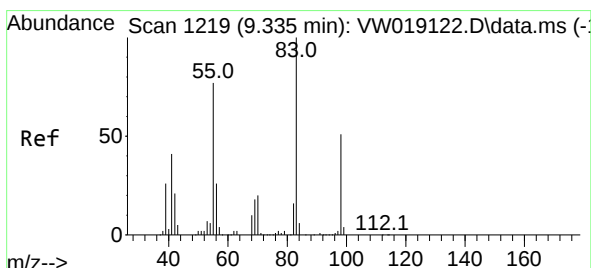
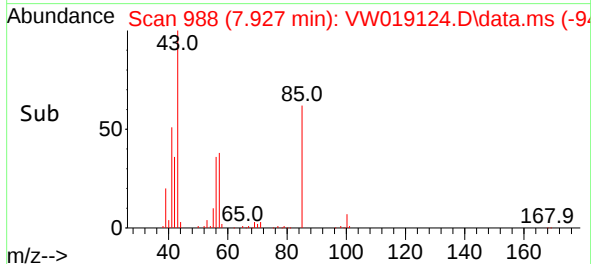
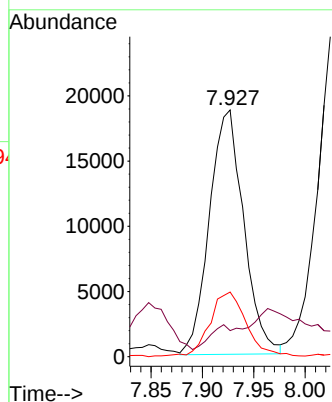


#29
Cyclohexane
Concen: 3.984 ug/L
RT: 7.927 min Scan# 988
Delta R.T. -0.031 min
Lab File: VW019124.D
Acq: 04 Jun 2021 11:40

Instrument :
MSVOA_W
ClientSampled :

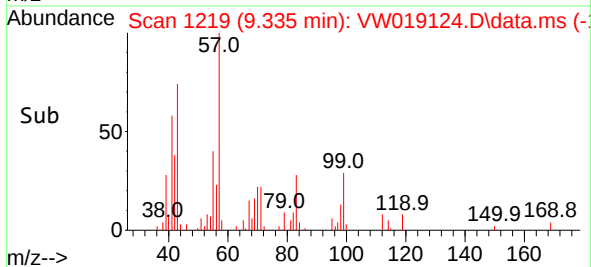
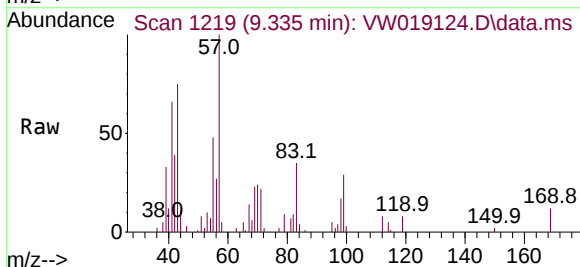
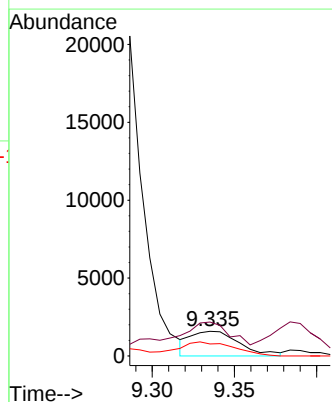


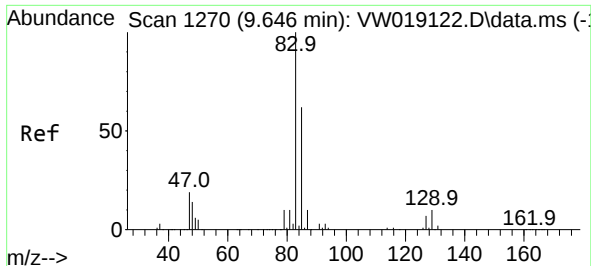
Tgt Ion: 56 Resp: 43599
Ion Ratio Lower Upper
56 100
69 7.4 24.5 36.7#
84 27.4 75.0 112.4#



#35
Methylcyclohexane
Concen: 0.266 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW019124.D
Acq: 04 Jun 2021 11:40

Tgt Ion: 83 Resp: 3303
Ion Ratio Lower Upper
83 100
55 126.5 58.9 88.3#
98 65.4 40.1 60.1#

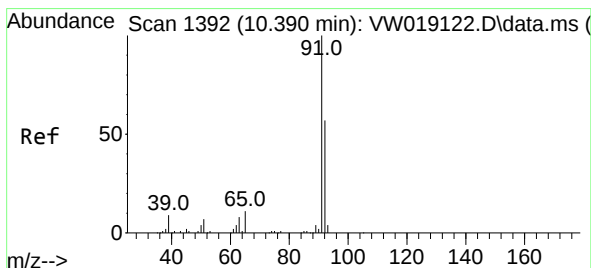
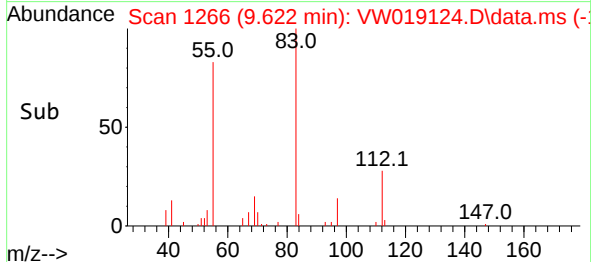
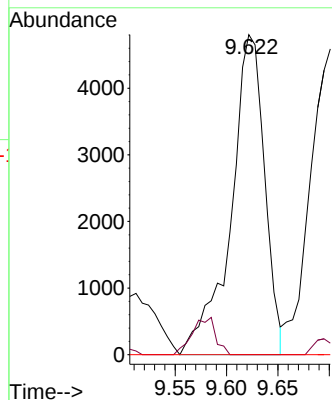
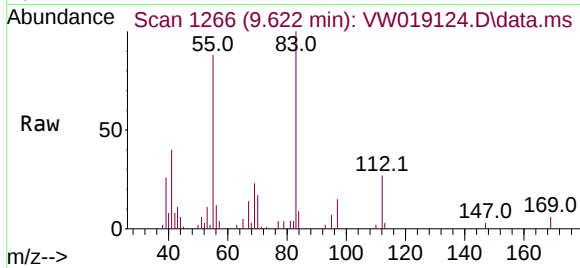




#38
Bromodichloromethane
Concen: 1.245 ug/L
RT: 9.622 min Scan# 1266
Delta R.T. -0.025 min
Lab File: VW019124.D
Acq: 04 Jun 2021 11:40

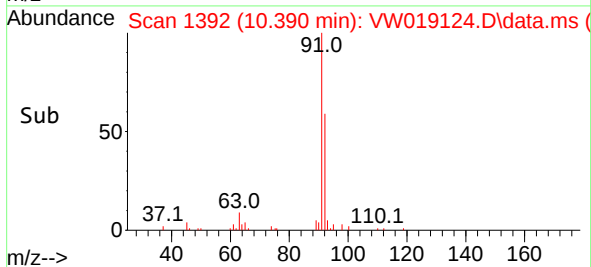
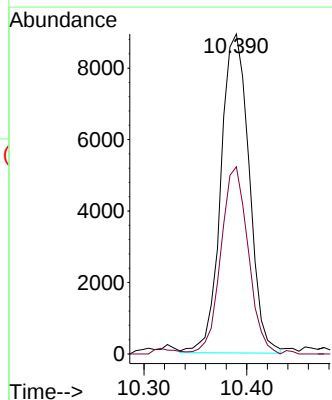
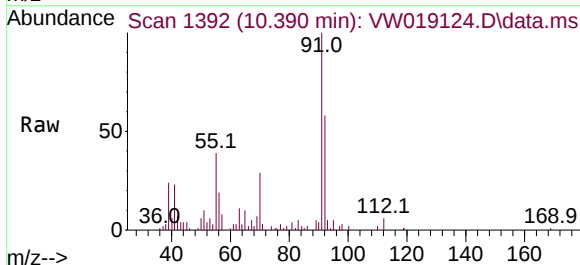
Instrument :
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ClientSampleId :

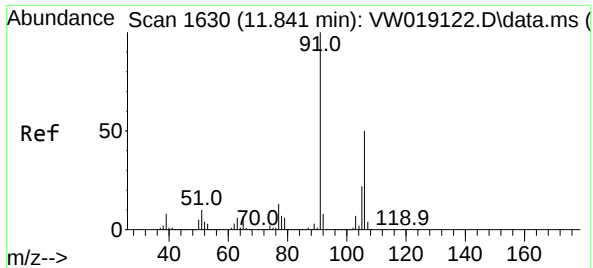
Tgt Ion: 83 Resp: 10972
Ion Ratio Lower Upper
83 100
85 0.0 42.3 78.5#
127 0.0 6.6 9.8#



#42
Toluene
Concen: 0.572 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019124.D
Acq: 04 Jun 2021 11:40

Tgt Ion: 91 Resp: 17030
Ion Ratio Lower Upper
91 100
92 58.5 39.5 73.3

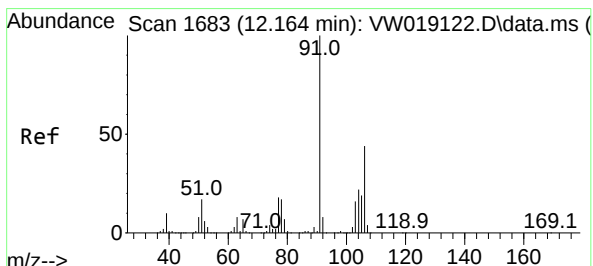
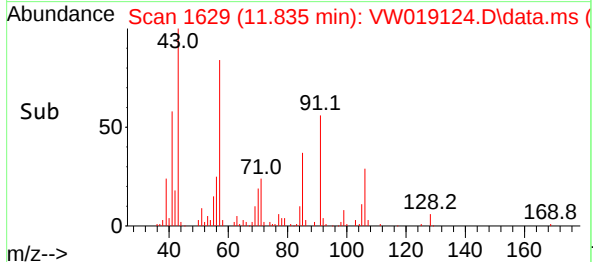
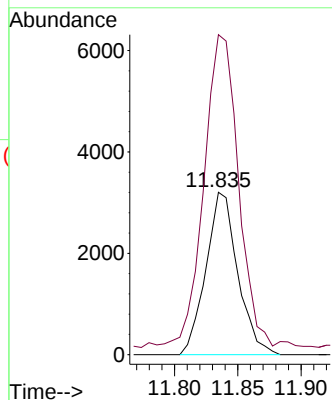
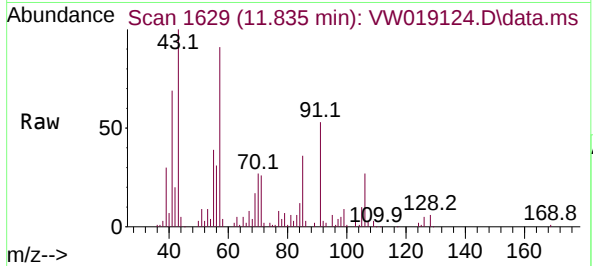




#53
m,p-Xylene
Concen: 0.463 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW019124.D
Acq: 04 Jun 2021 11:40

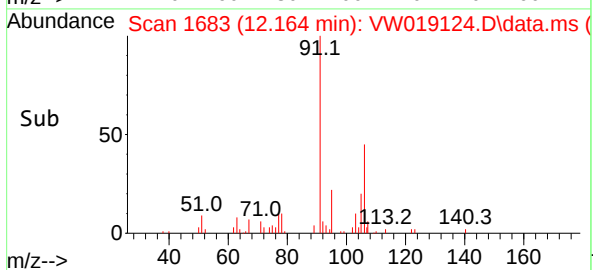
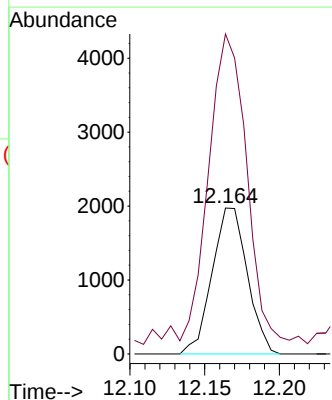
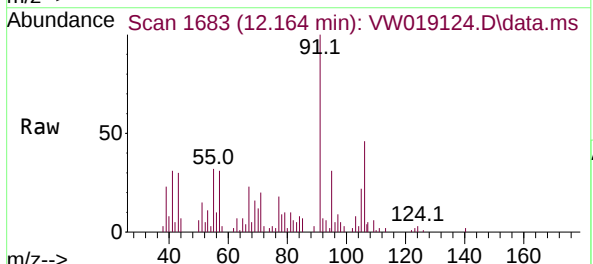
Instrument :
MSVOA_W
ClientSampled :

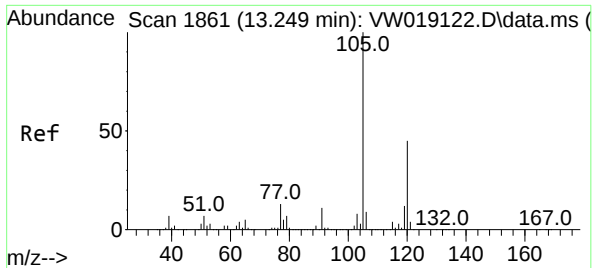
Tgt Ion:106 Resp: 5592
Ion Ratio Lower Upper
106 100
91 197.0 141.3 262.3



#54
o-Xylene
Concen: 0.282 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019124.D
Acq: 04 Jun 2021 11:40

Tgt Ion:106 Resp: 3240
Ion Ratio Lower Upper
106 100
91 219.3 150.0 278.6





#63
 1,2,4-Trimethylbenzene
 Concen: 0.482 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW019124.D
 Acq: 04 Jun 2021 11:40

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 7235
 Ion Ratio Lower Upper
 105 100
 120 38.1 35.6 53.4

