

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100721\
 Data File : VW020380.D
 Acq On : 07 Oct 2021 23:48
 Operator : SY/VA
 Sample : M4070-07
 Misc : 4.49g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7E0

Quant Time: Oct 08 07:40:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 08 07:38:51 2021
 Response via : Initial Calibration

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

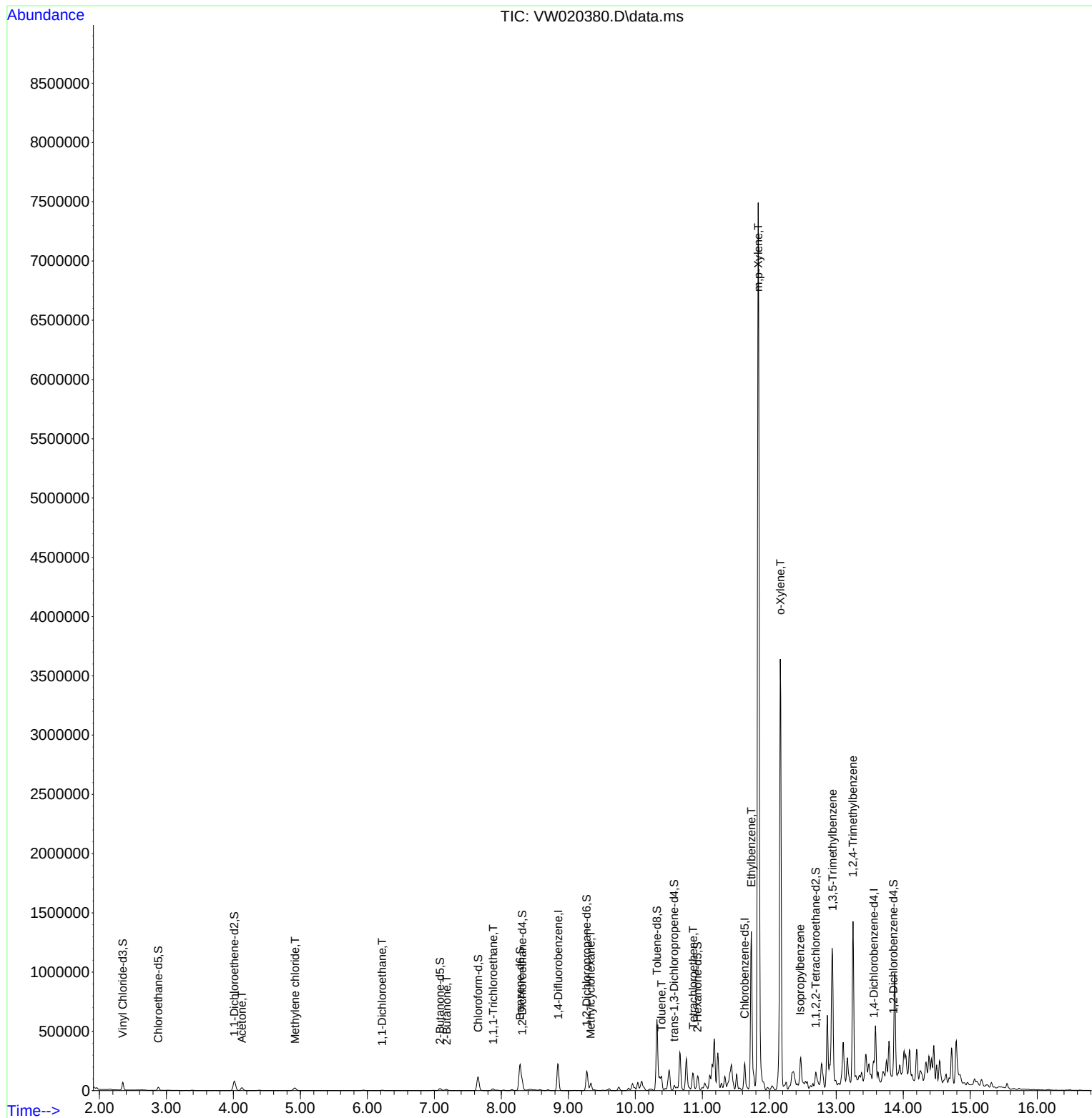
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	177996	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	116265	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	26617	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	55348	22.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.24%			
7) Chloroethane-d5	2.879	69	26377	24.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.24%			
11) 1,1-Dichloroethene-d2	4.013	63	81471	16.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.52%			
21) 2-Butanone-d5	7.086	46	31530	50.60	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.20%			
24) Chloroform-d	7.653	84	115346	22.57	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.28%			
26) 1,2-Dichloroethane-d4	8.311	65	62911	22.49	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.96%			
32) Benzene-d6	8.281	84	218283	31.01	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 124.04%			
36) 1,2-Dichloropropane-d6	9.274	67	73249	32.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 131.24%#			
41) Toluene-d8	10.323	98	184969	29.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 116.04%			
43) trans-1,3-Dichloroprop...	10.579	79	19140	21.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.28%			
47) 2-Hexanone-d5	10.927	63	20654	66.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 133.86%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	34587	22.19	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.76%			
66) 1,2-Dichlorobenzene-d4	13.853	152	20630	22.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.52%			
Target Compounds					Qvalue	
13) Acetone	4.129	43	44259	69.08	ug/L	98
16) Methylene chloride	4.922	84	15795	4.97	ug/L	92
19) 1,1-Dichloroethane	6.220	63	5448	1.06	ug/L	94
22) 2-Butanone	7.183	43	17996	22.85	ug/L	95
30) 1,1,1-Trichloroethane	7.878	97	12157	4.36	ug/L	99
35) Methylcyclohexane	9.335	83	20625	5.94	ug/L #	86
42) Toluene	10.390	91	78310	9.63	ug/L	97
46) Tetrachloroethene	10.866	164	27928	19.08	ug/L	95
52) Ethylbenzene	11.731	91	857647	96.61	ug/L	98
53) m,p-Xylene	11.835	106	2071765	631.71	ug/L	97
54) o-Xylene	12.164	106	912736	297.19	ug/L	98
60) Isopropylbenzene	12.463	105	70548	17.85	ug/L #	76
62) 1,3,5-Trimethylbenzene	12.945	105	476061	148.91	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	713846	223.42	ug/L	100

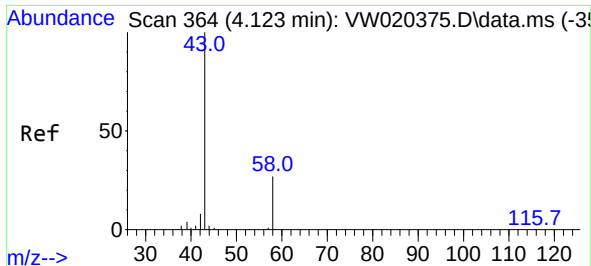
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Oct 08 07:38:51 2021
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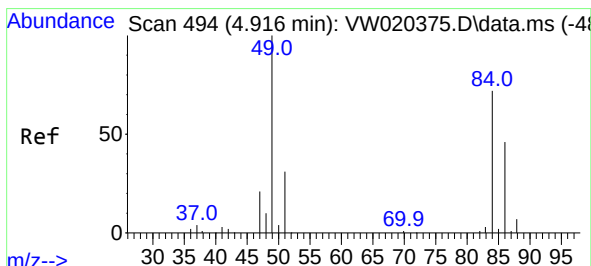
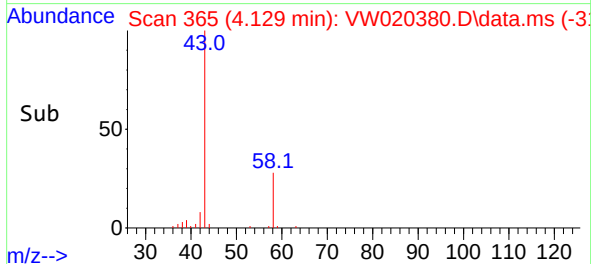
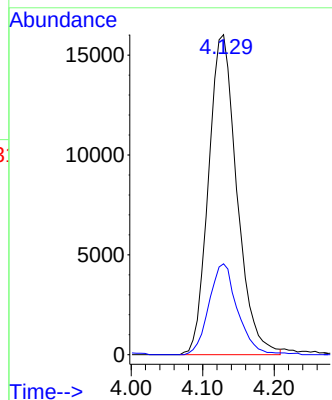
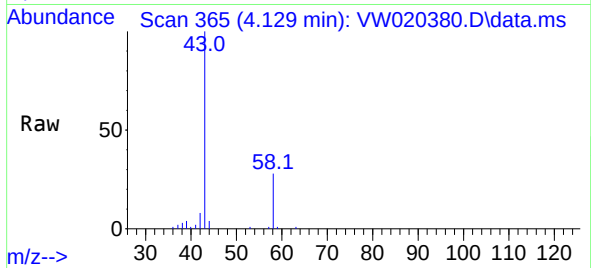




#13
Acetone
Concen: 69.08 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020380.D
Acq: 07 Oct 2021 23:48

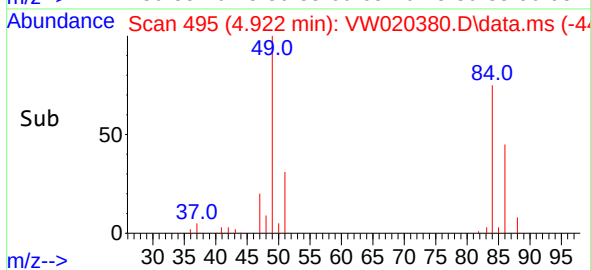
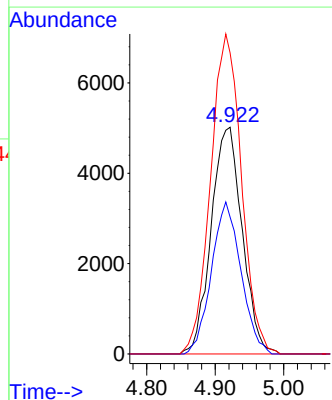
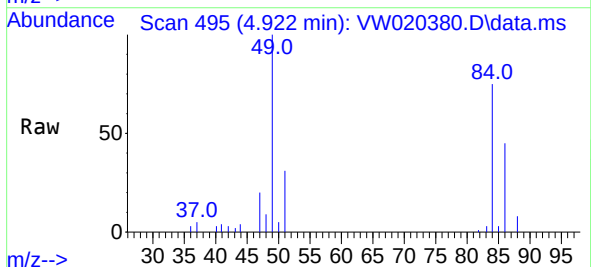
Instrument :
MSVOA_W
ClientSampled :
EW7E0

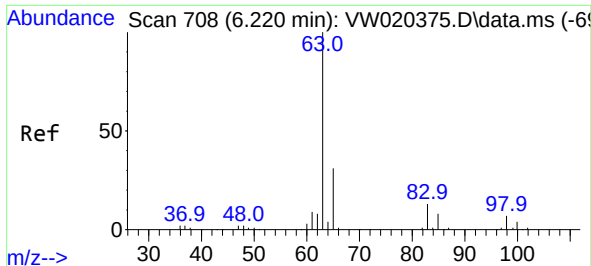
Tgt Ion: 43 Resp: 44259
Ion Ratio Lower Upper
43 100
58 28.3 0.0 58.4



#16
Methylene chloride
Concen: 4.97 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020380.D
Acq: 07 Oct 2021 23:48

Tgt Ion: 84 Resp: 15795
Ion Ratio Lower Upper
84 100
86 60.3 44.7 83.1
49 132.8 101.7 188.9





#19

1,1-Dichloroethane

Concen: 1.06 ug/L

RT: 6.220 min Scan# 708

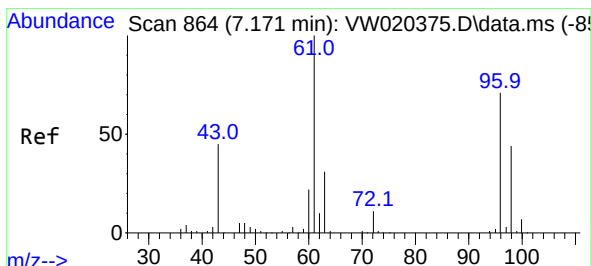
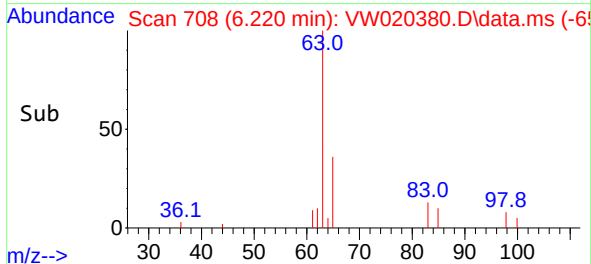
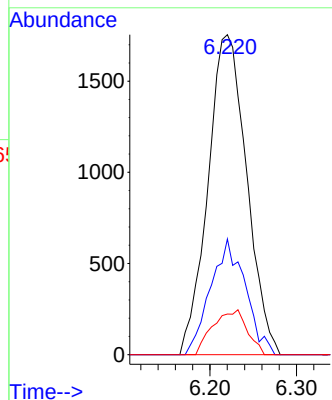
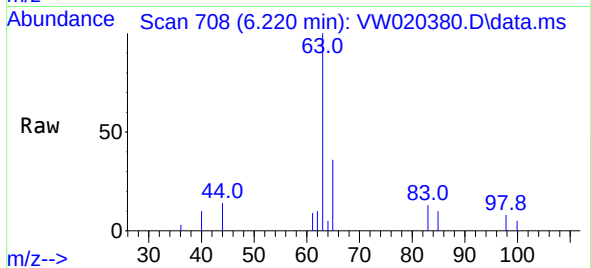
Delta R.T. -0.000 min

Lab File: VW020380.D

Acq: 07 Oct 2021 23:48

Tgt Ion: 63 Resp: 5448

Ion	Ratio	Lower	Upper
63	100		
65	36.1	21.9	40.7
83	12.7	9.0	16.6



#22

2-Butanone

Concen: 22.85 ug/L

RT: 7.183 min Scan# 866

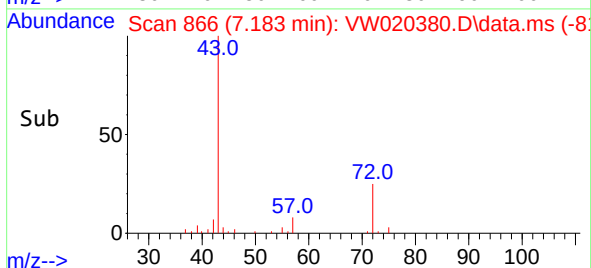
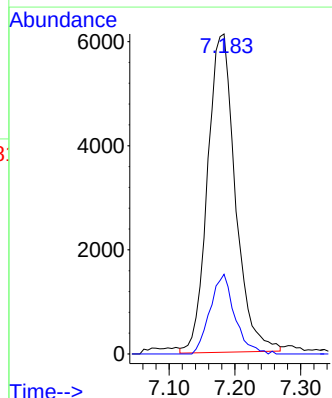
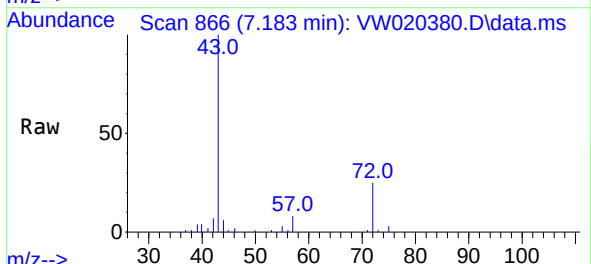
Delta R.T. 0.012 min

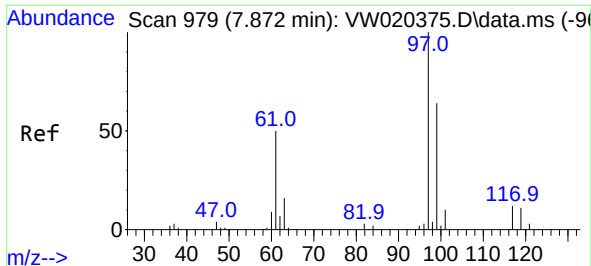
Lab File: VW020380.D

Acq: 07 Oct 2021 23:48

Tgt Ion: 43 Resp: 17996

Ion	Ratio	Lower	Upper
43	100		
72	22.1	12.2	36.6

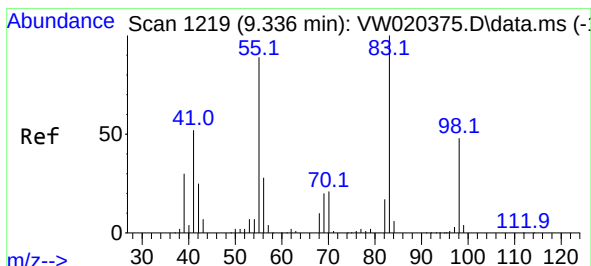
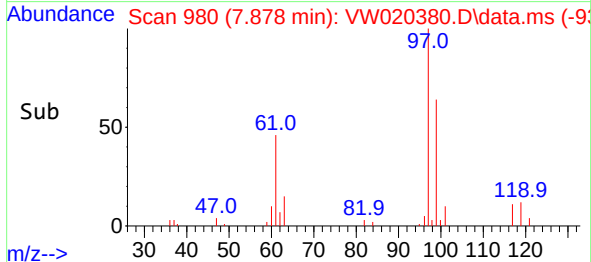
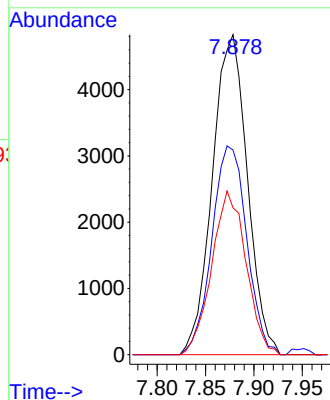
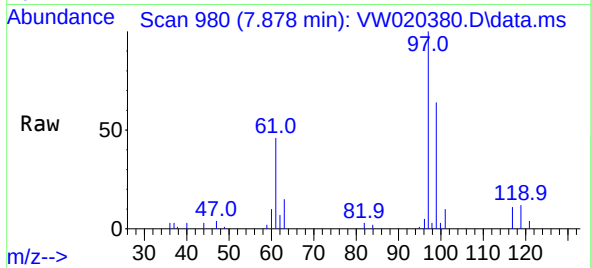




#30
1,1,1-Trichloroethane
Concen: 4.36 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW020380.D
Acq: 07 Oct 2021 23:48

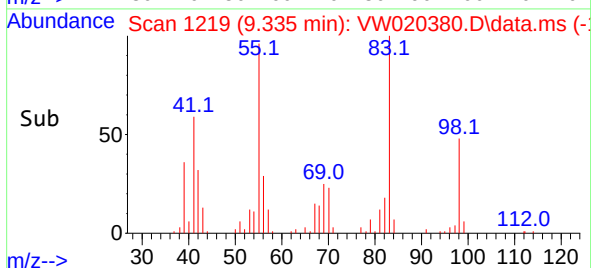
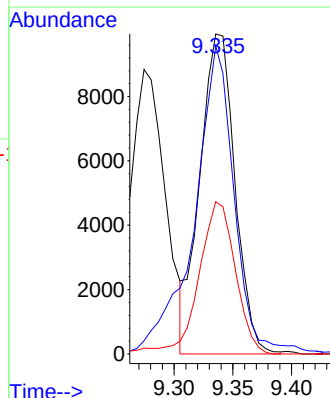
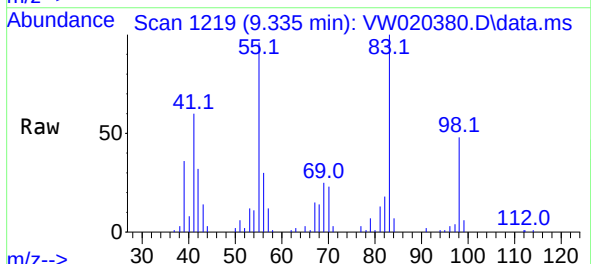
Instrument :
MSVOA_W
ClientSampled :
EW7E0

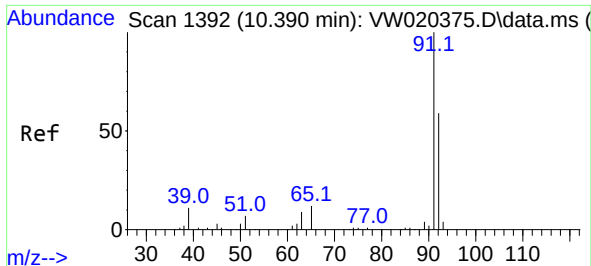
Tgt Ion:	97	Resp:	12157
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.4	77.0
61	50.2	41.0	61.6



#35
Methylcyclohexane
Concen: 5.94 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020380.D
Acq: 07 Oct 2021 23:48

Tgt Ion:	83	Resp:	20625
Ion	Ratio	Lower	Upper
83	100		
55	106.8	69.7	104.5#
98	48.5	38.2	57.2

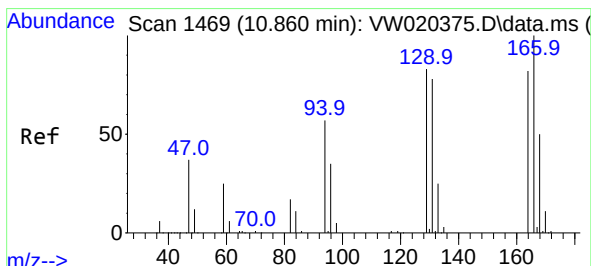
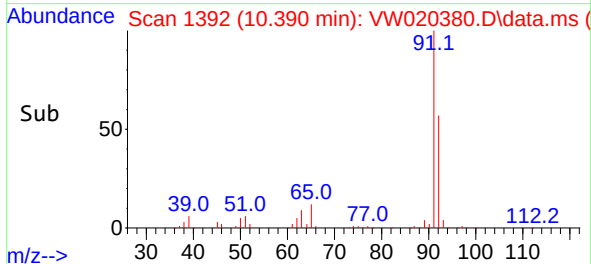
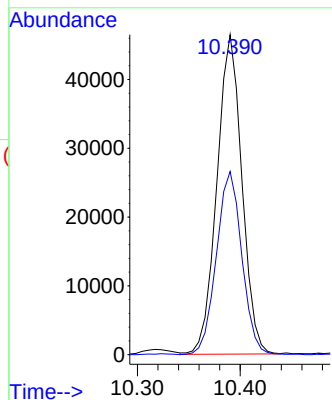
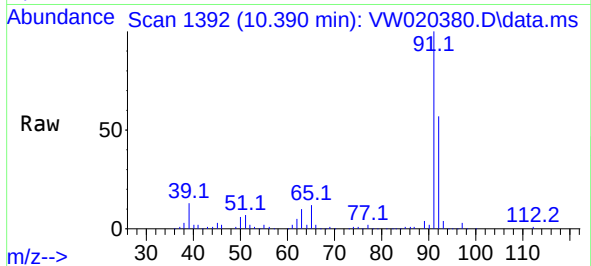




#42
Toluene
Concen: 9.63 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020380.D
Acq: 07 Oct 2021 23:48

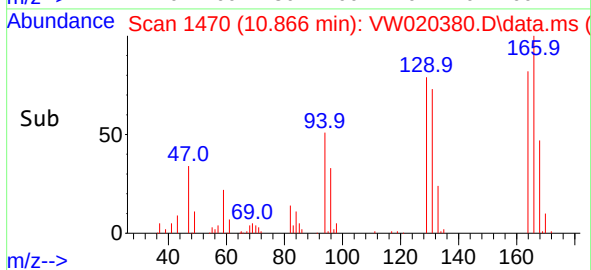
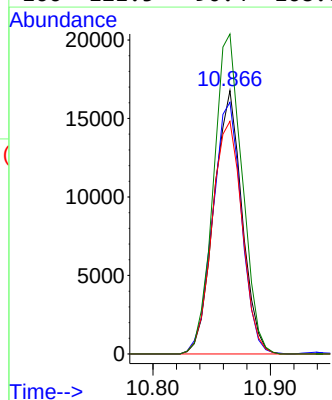
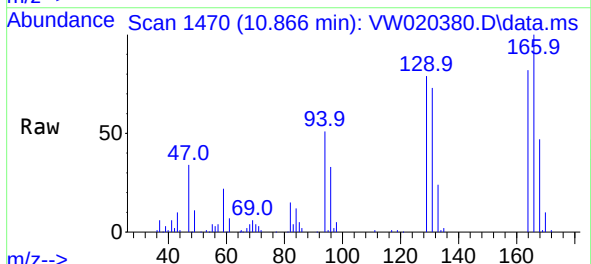
Instrument :
MSVOA_W
ClientSampled :
EW7E0

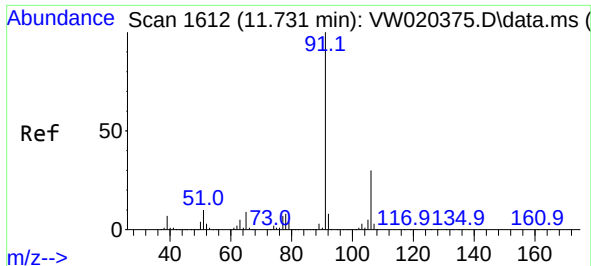
Tgt Ion: 91 Resp: 78310
Ion Ratio Lower Upper
91 100
92 57.2 41.5 77.1



#46
Tetrachloroethene
Concen: 19.08 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020380.D
Acq: 07 Oct 2021 23:48

Tgt Ion:164 Resp: 27928
Ion Ratio Lower Upper
164 100
129 95.6 69.1 128.3
131 88.3 58.3 108.3
166 121.5 90.4 168.0

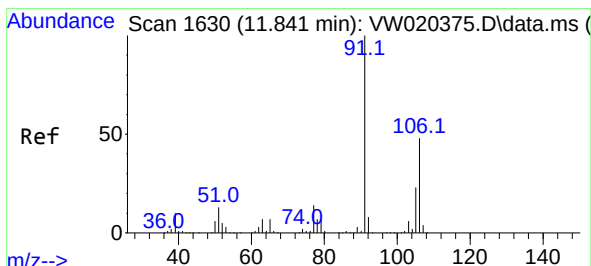
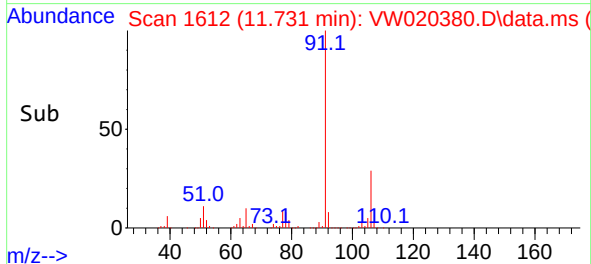
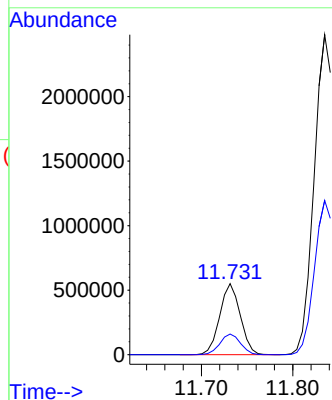
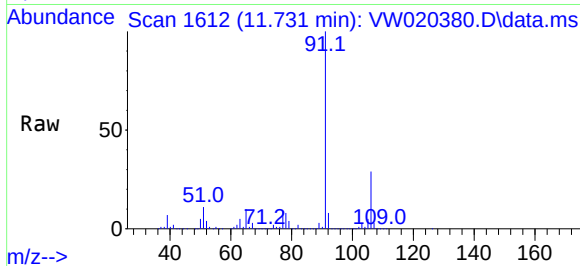




#52
Ethylbenzene
Concen: 96.61 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020380.D
Acq: 07 Oct 2021 23:48

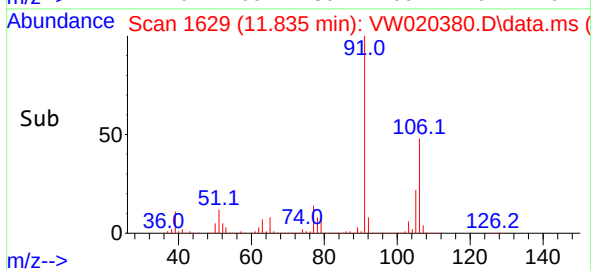
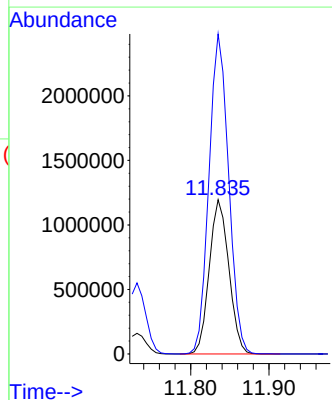
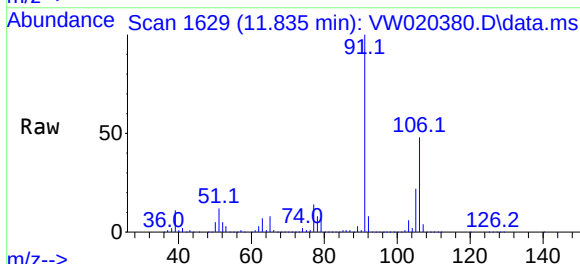
Instrument :
MSVOA_W
ClientSampled :
EW7E0

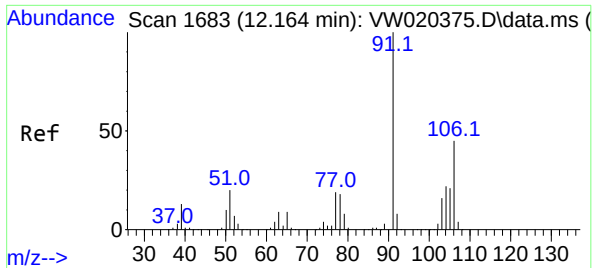
Tgt Ion: 91 Resp: 857647
Ion Ratio Lower Upper
91 100
106 29.1 21.3 39.5



#53
m,p-Xylene
Concen: 631.71 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020380.D
Acq: 07 Oct 2021 23:48

Tgt Ion: 106 Resp: 2071765
Ion Ratio Lower Upper
106 100
91 207.4 148.2 275.2

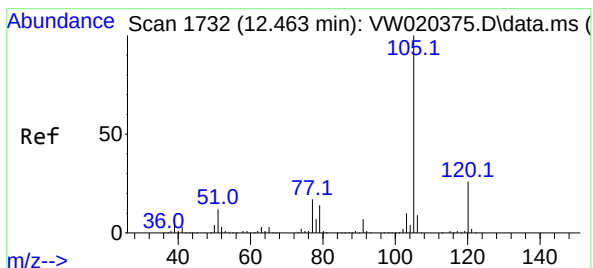
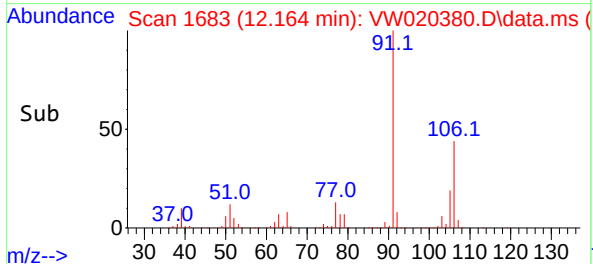
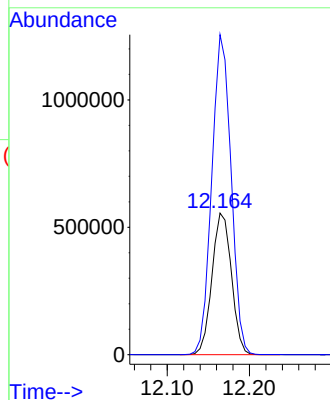
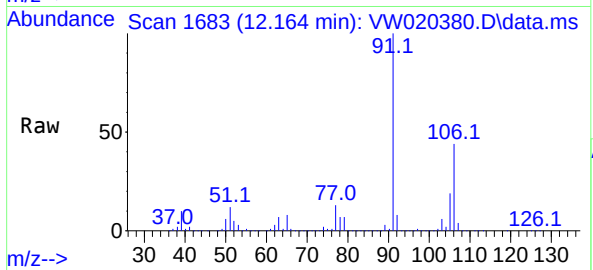




#54
o-Xylene
Concen: 297.19 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020380.D
Acq: 07 Oct 2021 23:48

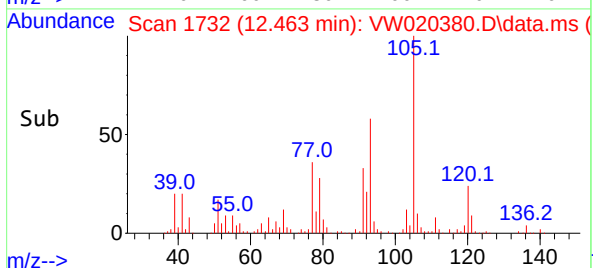
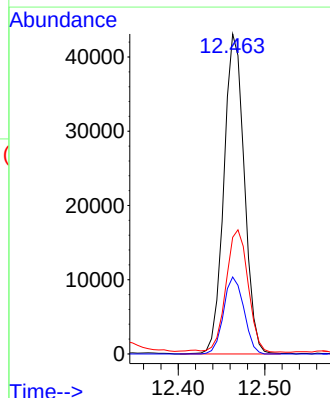
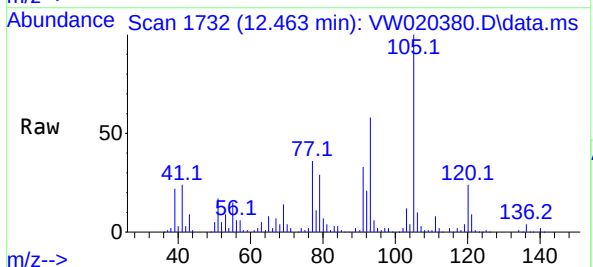
Instrument :
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ClientSampled :
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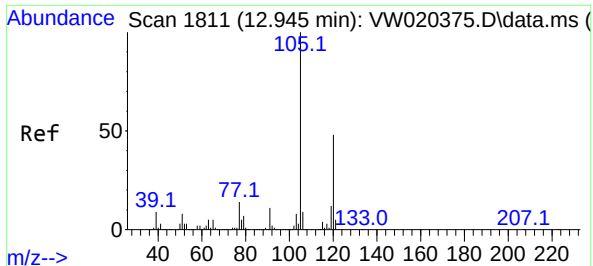
Tgt Ion:106 Resp: 912736
Ion Ratio Lower Upper
106 100
91 225.9 156.1 289.9



#60
Isopropylbenzene
Concen: 17.85 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020380.D
Acq: 07 Oct 2021 23:48

Tgt Ion:105 Resp: 70548
Ion Ratio Lower Upper
105 100
120 23.9 20.3 30.5
77 41.3 13.8 20.6#

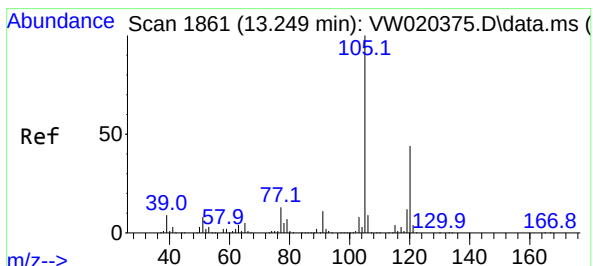
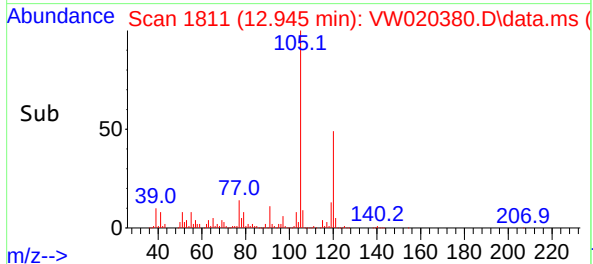
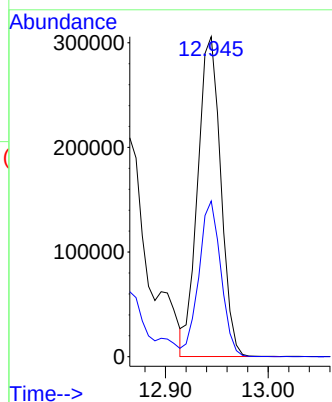
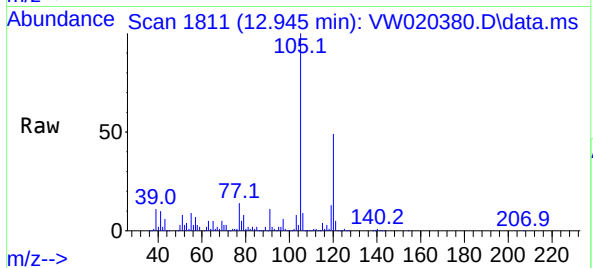




#62
1,3,5-Trimethylbenzene
Concen: 148.91 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020380.D
Acq: 07 Oct 2021 23:48

Instrument :
MSVOA_W
ClientSampleId :
EW7E0

Tgt Ion:105 Resp: 476061
Ion Ratio Lower Upper
105 100
120 46.8 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 223.42 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020380.D
Acq: 07 Oct 2021 23:48

Tgt Ion:105 Resp: 713846
Ion Ratio Lower Upper
105 100
120 44.4 35.4 53.2

