

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051421\
 Data File : VW019001.D
 Acq On : 14 May 2021 16:15
 Operator : SY/VA
 Sample : M2402-06
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 X3434

Quant Time: May 14 23:34:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 14 12:03:14 2021
 Response via : Initial Calibration

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

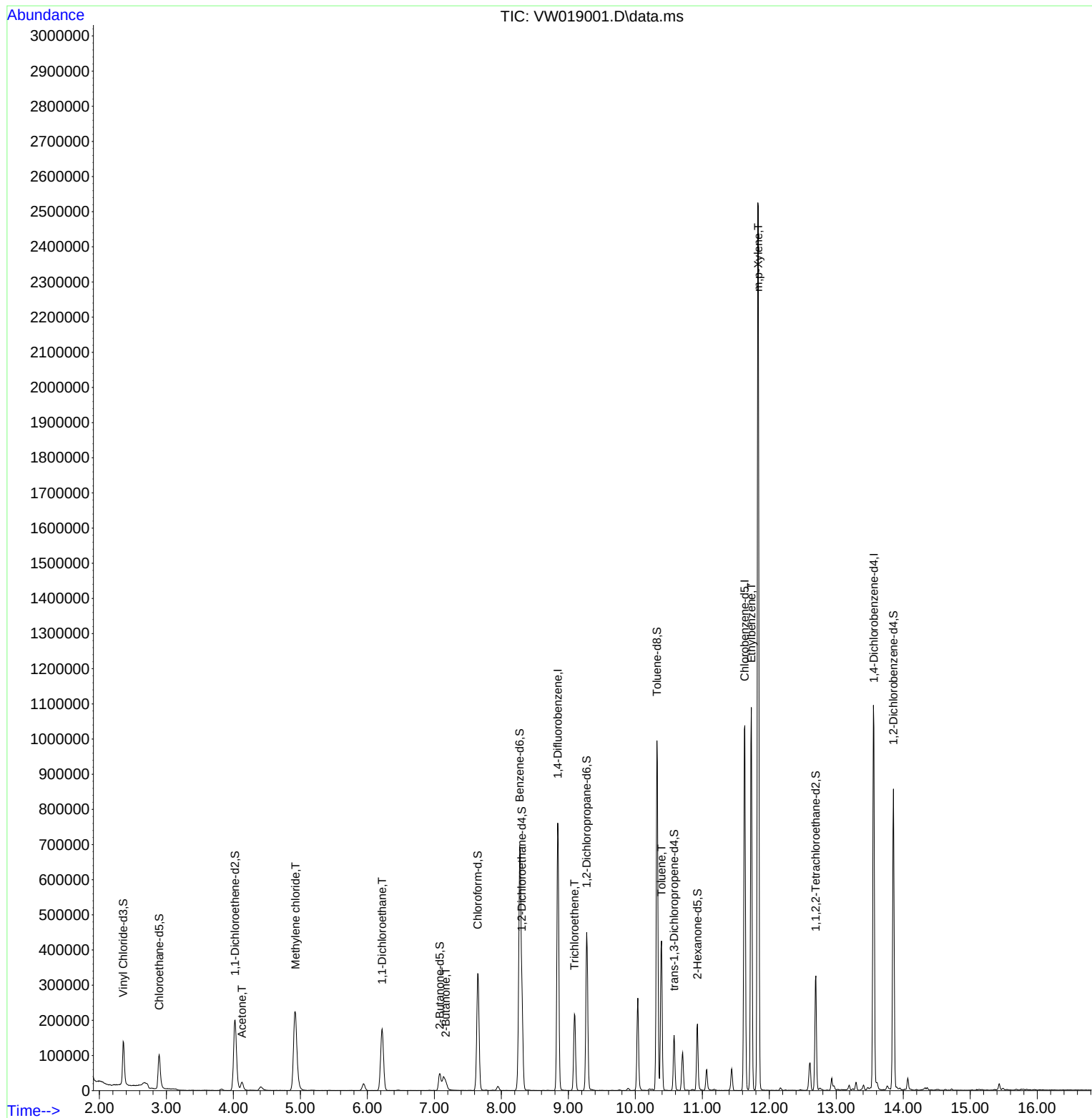
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	635621	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	577844	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	288123	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	143924	22.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.00%		
7) Chloroethane-d5	2.892	69	129236	20.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.88%		
11) 1,1-Dichloroethene-d2	4.026	63	219922	14.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	59.56%		
21) 2-Butanone-d5	7.080	46	80916	47.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.00%		
24) Chloroform-d	7.647	84	342551	21.06	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.24%		
26) 1,2-Dichloroethane-d4	8.305	65	186364	22.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.20%		
32) Benzene-d6	8.275	84	694939	21.54	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.16%		
36) 1,2-Dichloropropane-d6	9.275	67	207564	21.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.80%		
41) Toluene-d8	10.323	98	651865	21.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.24%		
43) trans-1,3-Dichloroprop...	10.579	79	86153	21.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.80%		
47) 2-Hexanone-d5	10.927	63	65403	46.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.58%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	160519	22.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.64%		
66) 1,2-Dichlorobenzene-d4	13.853	152	219870	22.09	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.36%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	41079	28.46	ug/L	90
16) Methylene chloride	4.928	84	207508	19.46	ug/L	91
19) 1,1-Dichloroethane	6.220	63	253839	16.23	ug/L	98
22) 2-Butanone	7.171	43	25345	12.74	ug/L	99
34) Trichloroethene	9.092	95	79657	8.49	ug/L	90
42) Toluene	10.390	91	316296	8.13	ug/L	100
52) Ethylbenzene	11.731	91	770679	17.84	ug/L	96
53) m,p-Xylene	11.835	106	693896	42.80	ug/L	99

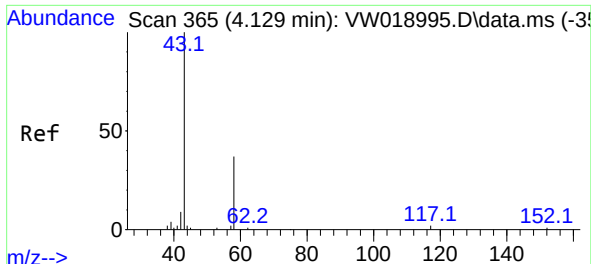
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 14 23:34:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 14 12:03:14 2021
Response via : Initial Calibration

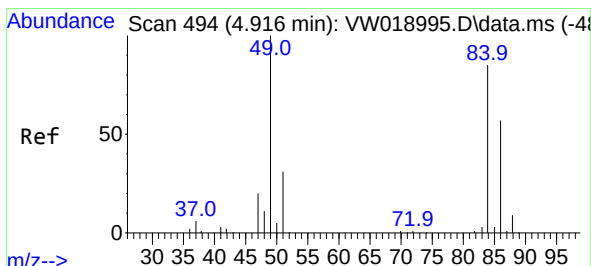
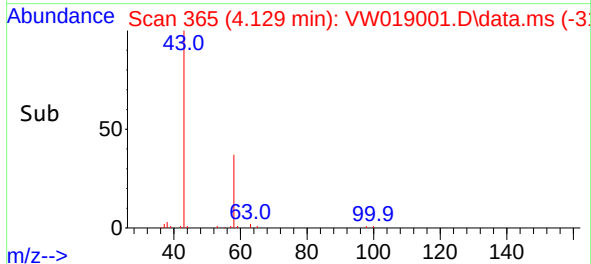
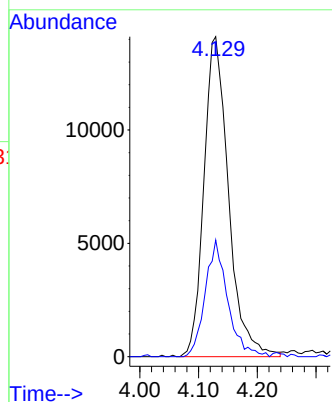
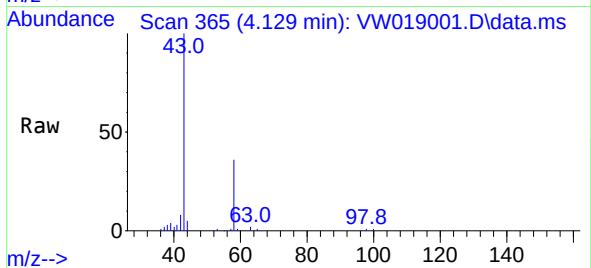




#13
Acetone
Concen: 28.46 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW019001.D
Acq: 14 May 2021 16:15

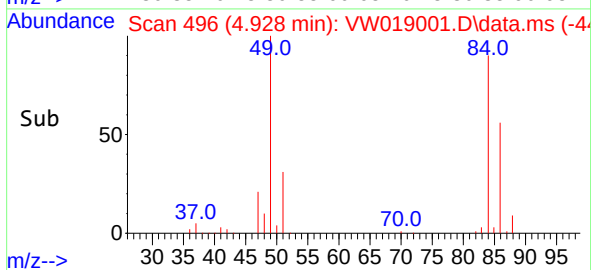
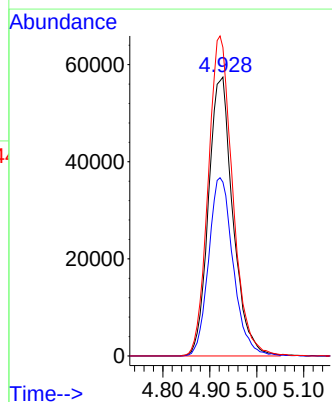
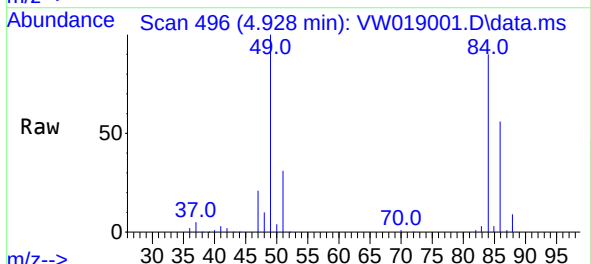
Instrument :
MSVOA_W
ClientSampleId :
X3434

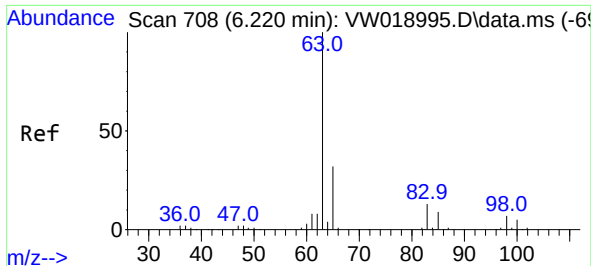
Tgt Ion: 43 Resp: 41079
Ion Ratio Lower Upper
43 100
58 32.0 0.0 53.8



#16
Methylene chloride
Concen: 19.46 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW019001.D
Acq: 14 May 2021 16:15

Tgt Ion: 84 Resp: 207508
Ion Ratio Lower Upper
84 100
86 62.3 45.3 84.1
49 110.6 86.6 160.8

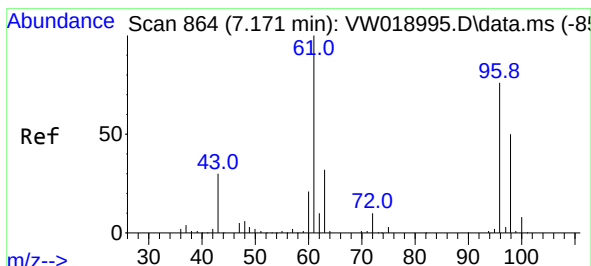
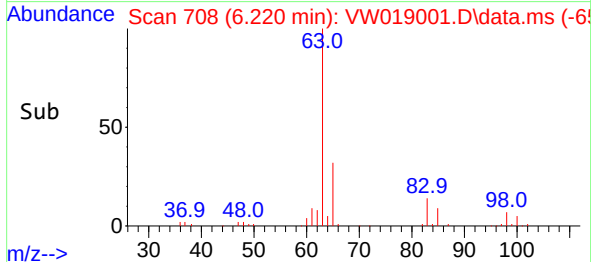
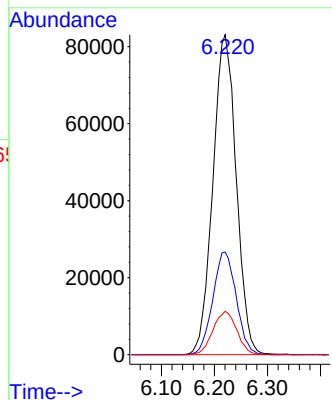
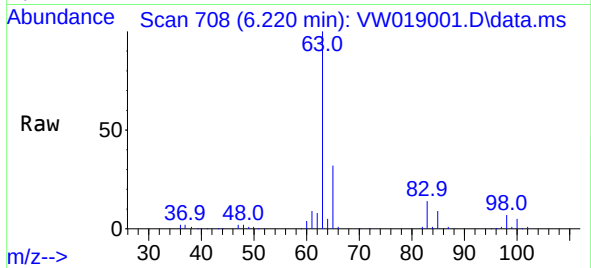




#19
1,1-Dichloroethane
Concen: 16.23 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW019001.D
Acq: 14 May 2021 16:15

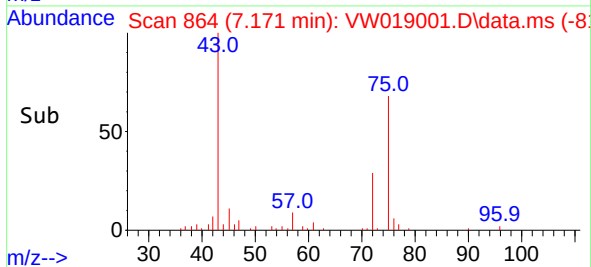
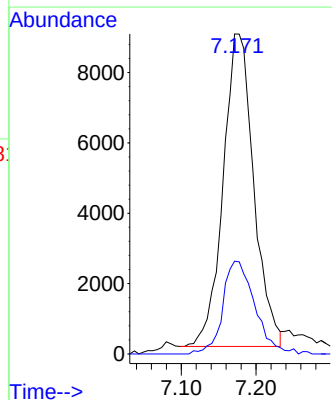
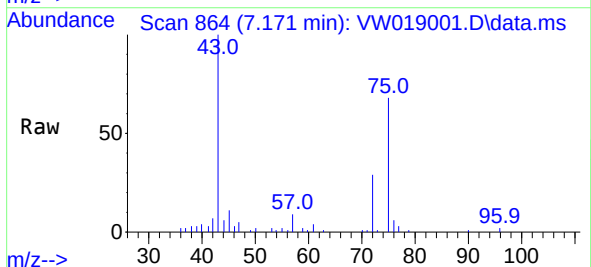
Instrument :
MSVOA_W
ClientSampled :
X3434

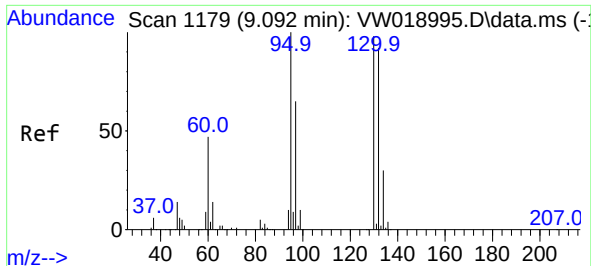
Tgt Ion: 63 Resp: 253839
Ion Ratio Lower Upper
63 100
65 32.1 22.9 42.5
83 13.5 10.2 19.0



#22
2-Butanone
Concen: 12.74 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019001.D
Acq: 14 May 2021 16:15

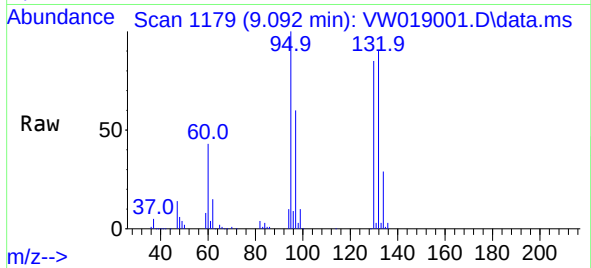
Tgt Ion: 43 Resp: 25345
Ion Ratio Lower Upper
43 100
72 30.5 14.9 44.7



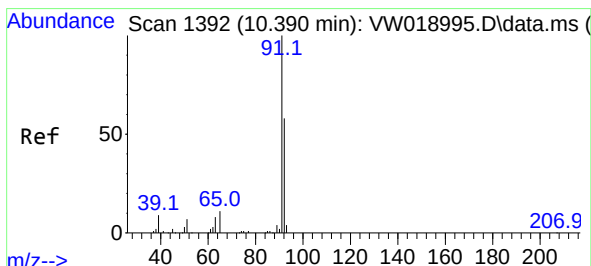
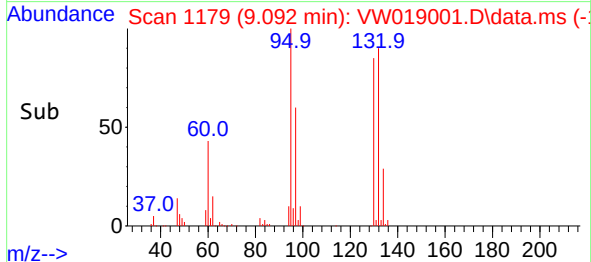
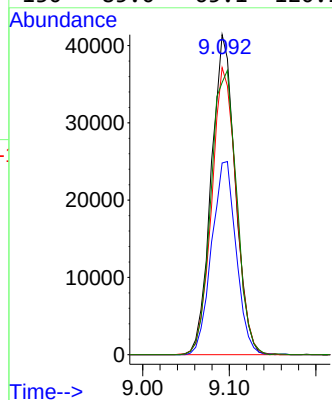


#34
Trichloroethene
Concen: 8.49 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019001.D
Acq: 14 May 2021 16:15

Instrument :
MSVOA_W
ClientSampled :
X3434

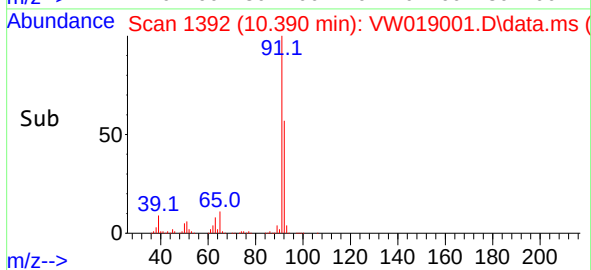
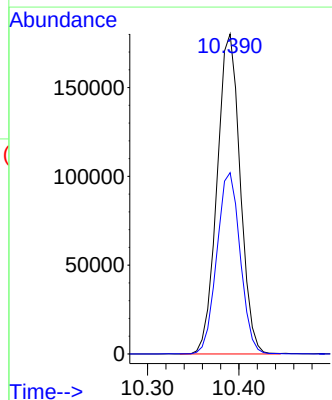
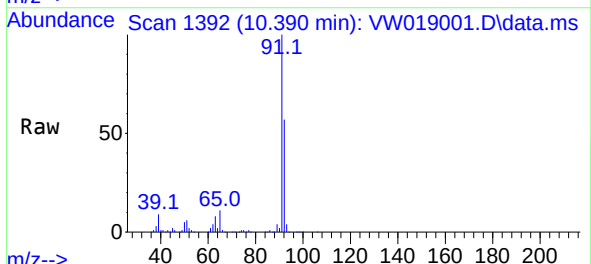


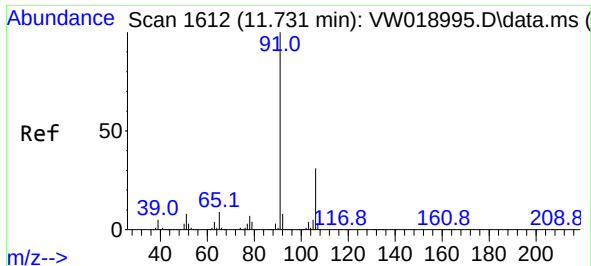
Tgt Ion: 95 Resp: 79657
Ion Ratio Lower Upper
95 100
97 59.9 47.3 87.8
132 89.7 71.0 131.8
130 85.0 65.1 120.9



#42
Toluene
Concen: 8.13 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019001.D
Acq: 14 May 2021 16:15

Tgt Ion: 91 Resp: 316296
Ion Ratio Lower Upper
91 100
92 56.6 39.5 73.3

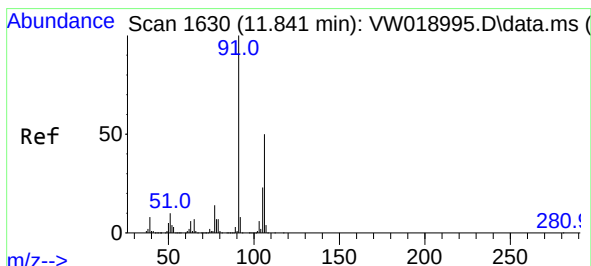
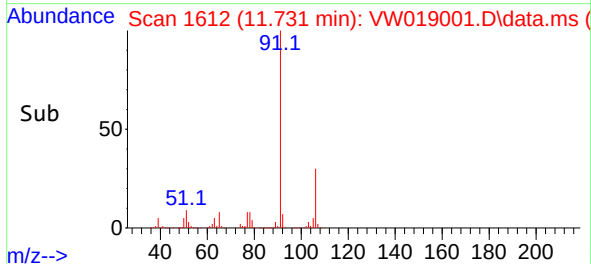
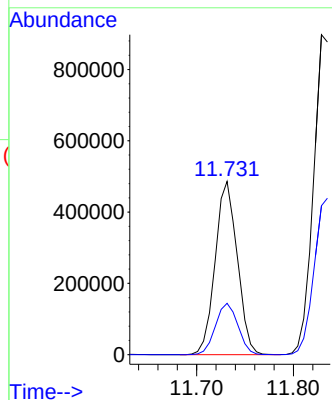
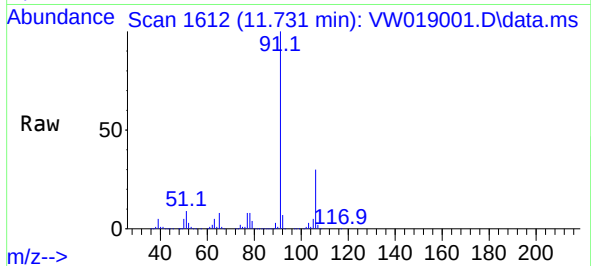




#52
Ethylbenzene
Concen: 17.84 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019001.D
Acq: 14 May 2021 16:15

Instrument :
MSVOA_W
ClientSampled :
X3434

Tgt Ion: 91 Resp: 770679
Ion Ratio Lower Upper
91 100
106 29.7 22.5 41.7



#53
m,p-Xylene
Concen: 42.80 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW019001.D
Acq: 14 May 2021 16:15

Tgt Ion:106 Resp: 693896
Ion Ratio Lower Upper
106 100
91 199.8 141.3 262.3

