

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045138.D
 Acq On : 05 Oct 2021 12:37
 Operator : SY/MD
 Sample : M3974-09ME
 Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW8Z3ME

Quant Time: Oct 06 01:44:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

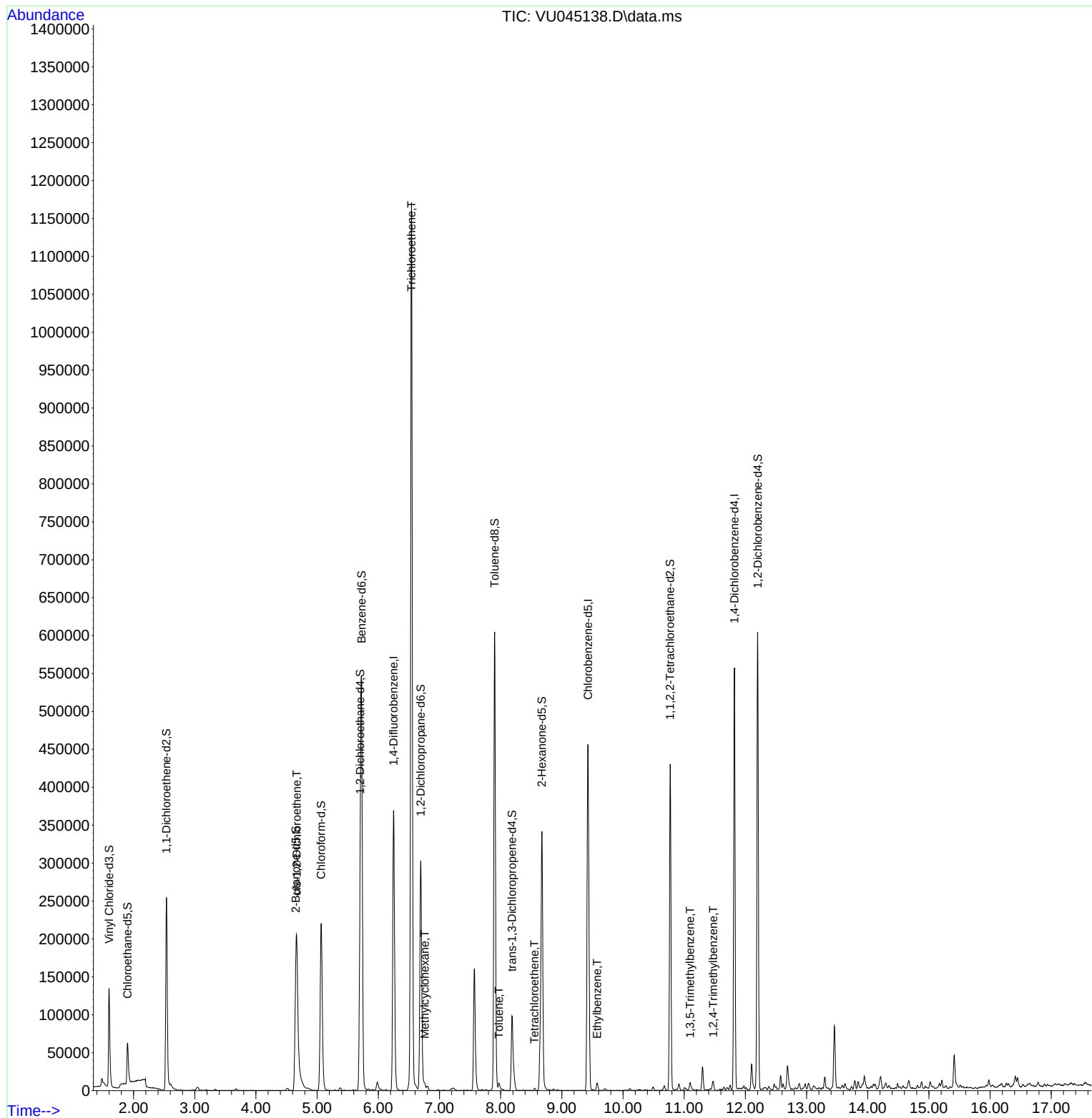
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	318614	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	304753	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	138362	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	122035	34.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.98%		
7) Chloroethane-d5	1.899	69	50992	18.45	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	36.90%#		
11) 1,1-Dichloroethene-d2	2.536	63	173105	29.55	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.10%#		
21) 2-Butanone-d5	4.652	46	217518	78.88	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.88%		
24) Chloroform-d	5.067	84	217732	39.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.04%		
26) 1,2-Dichloroethane-d4	5.703	65	159252	42.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.36%		
32) Benzene-d6	5.726	84	468358	44.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.58%		
36) 1,2-Dichloropropane-d6	6.694	67	148672	43.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.24%		
41) Toluene-d8	7.902	98	417247	45.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.44%		
43) trans-1,3-Dichloroprop...	8.185	79	70196	45.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.54%		
47) 2-Hexanone-d5	8.674	63	161613	84.58	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.58%		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	213888	39.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.68%		
66) 1,2-Dichlorobenzene-d4	12.201	152	143943	47.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.60%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.668	96	73387	25.62	ug/L	94
34) Trichloroethene	6.542	95	411582	151.60	ug/L	99
35) Methylcyclohexane	6.761	83	3507	0.77	ug/L	90
42) Toluene	7.970	91	7285	0.63	ug/L	98
46) Tetrachloroethene	8.552	164	702	0.36	ug/L	85
52) Ethylbenzene	9.578	91	8902	0.73	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	5923	0.70	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	5688	0.66	ug/L	99

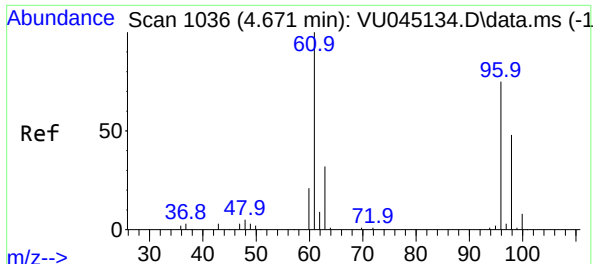
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 06 01:40:56 2021
Response via : Initial Calibration

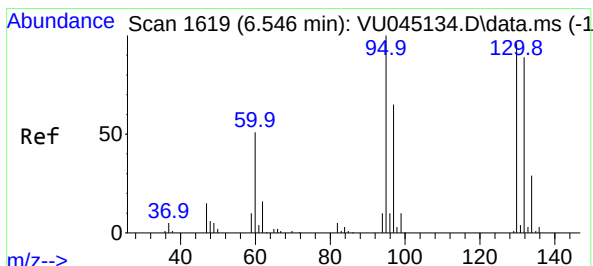
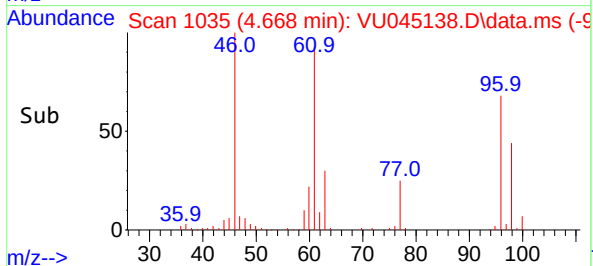
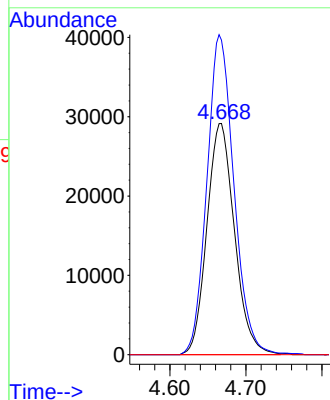
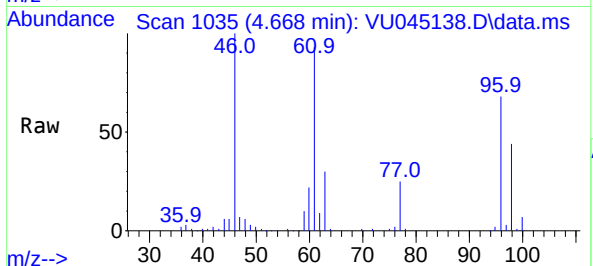




#20
cis-1,2-Dichloroethene
Concen: 25.62 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU045138.D
Acq: 05 Oct 2021 12:37

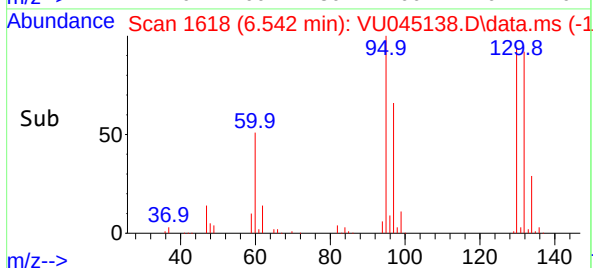
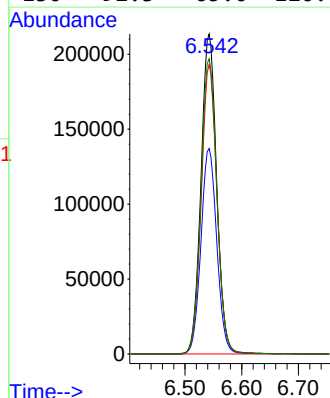
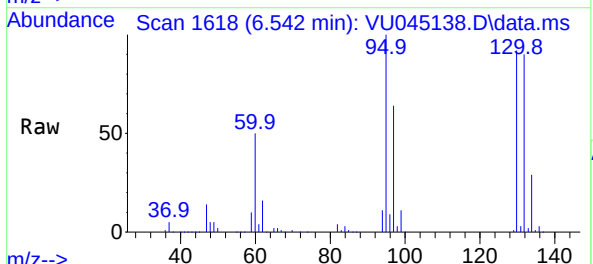
Instrument :
MSVOA_U
ClientSampleId :
EW8Z3ME

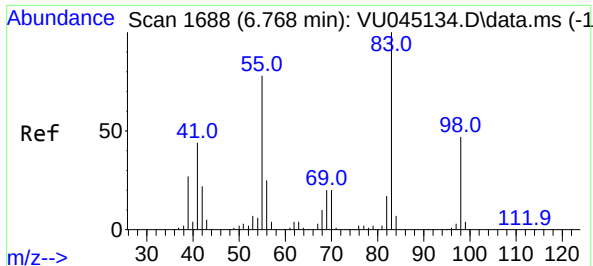
Tgt Ion: 96 Resp: 73387
Ion Ratio Lower Upper
96 100
61 136.1 100.2 186.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 151.60 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045138.D
Acq: 05 Oct 2021 12:37

Tgt Ion: 95 Resp: 411582
Ion Ratio Lower Upper
95 100
97 64.2 44.4 82.4
132 90.4 62.9 116.9
130 92.3 65.0 120.8





#35

Methylcyclohexane

Concen: 0.77 ug/L

RT: 6.761 min Scan# 1686

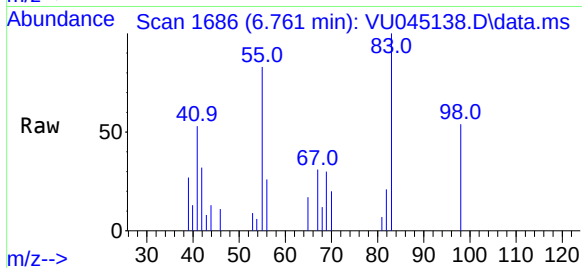
Delta R.T. -0.006 min

Lab File: VU045138.D

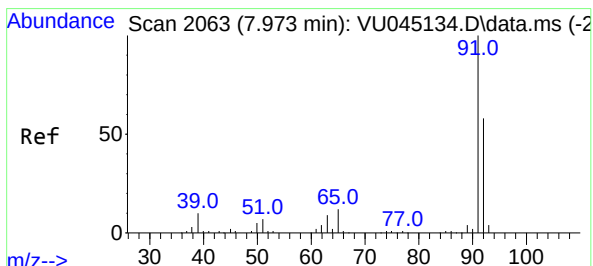
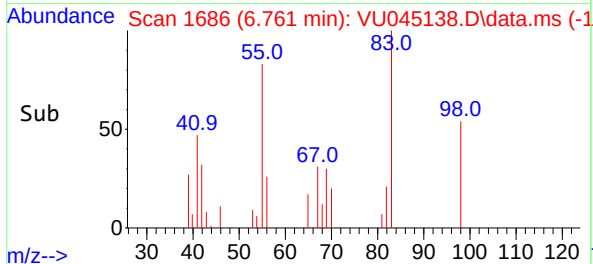
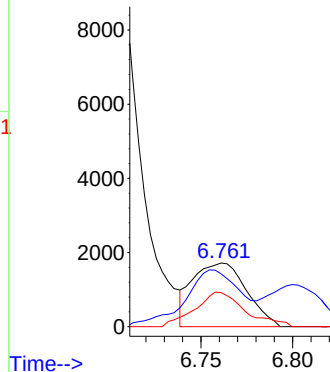
Acq: 05 Oct 2021 12:37

Tgt Ion: 83 Resp: 3507

Ion	Ratio	Lower	Upper
83	100		
55	93.4	65.8	98.6
98	50.2	37.1	55.7



Abundance



#42

Toluene

Concen: 0.63 ug/L

RT: 7.970 min Scan# 2062

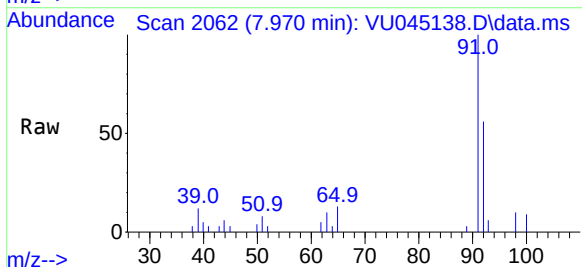
Delta R.T. -0.003 min

Lab File: VU045138.D

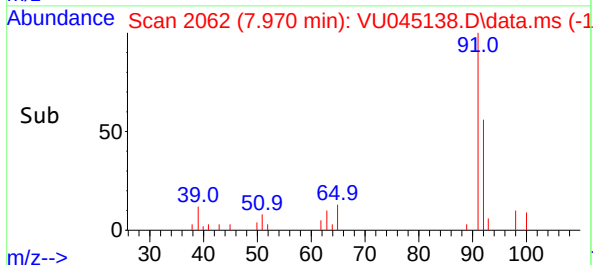
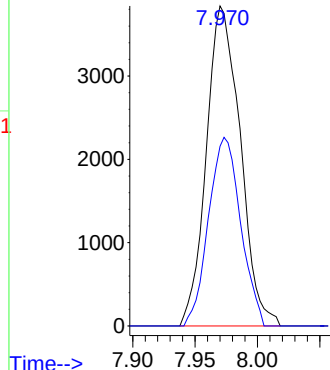
Acq: 05 Oct 2021 12:37

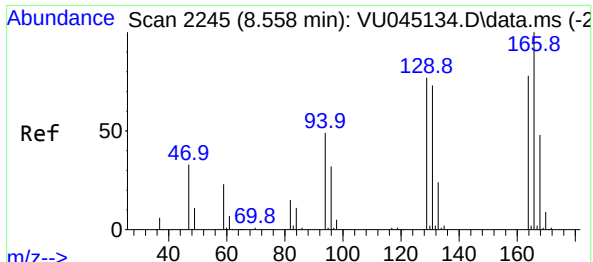
Tgt Ion: 91 Resp: 7285

Ion	Ratio	Lower	Upper
91	100		
92	56.2	40.5	75.1



Abundance



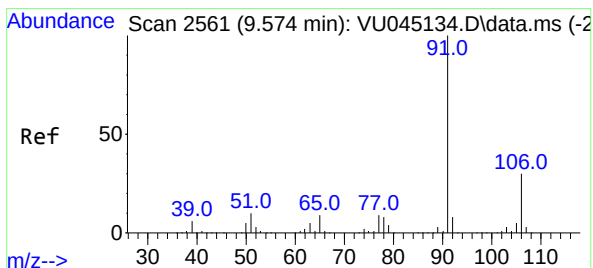
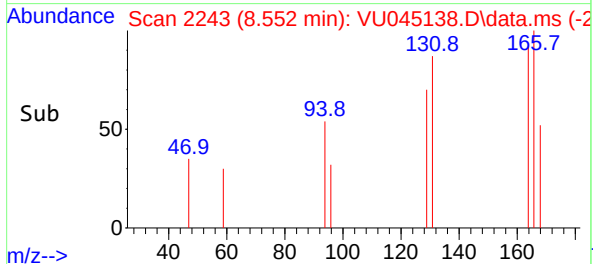
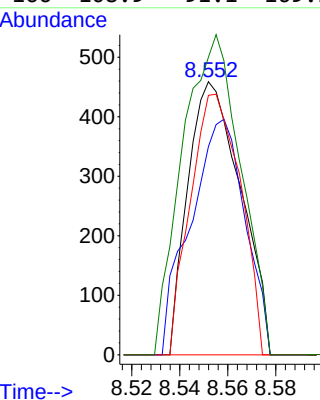
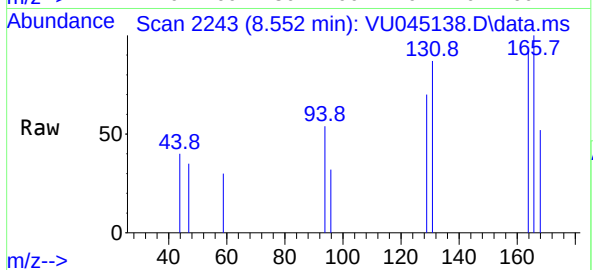


#46
Tetrachloroethene
Concen: 0.36 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.007 min
Lab File: VU045138.D
Acq: 05 Oct 2021 12:37

Instrument :
MSVOA_U
ClientSampleId :
EW8Z3ME

Tgt Ion:164 Resp: 702

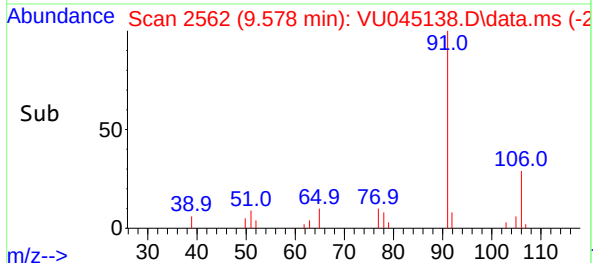
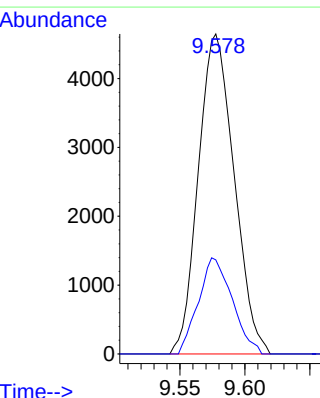
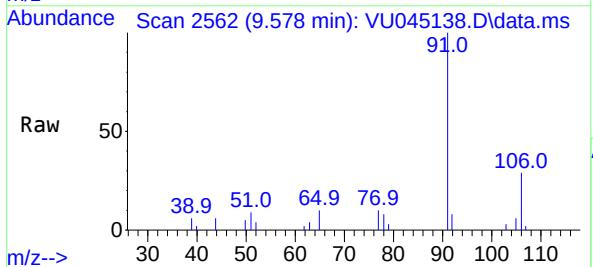
Ion	Ratio	Lower	Upper
164	100		
129	76.3	69.8	129.6
131	95.0	66.4	123.2
166	108.9	91.1	169.3

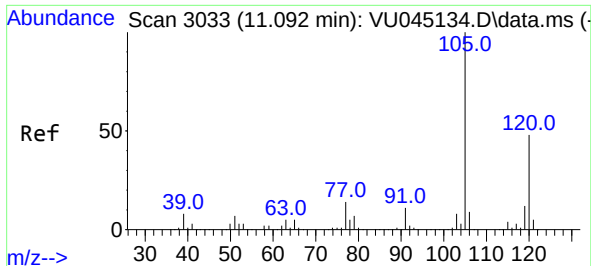


#52
Ethylbenzene
Concen: 0.73 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU045138.D
Acq: 05 Oct 2021 12:37

Tgt Ion: 91 Resp: 8902

Ion	Ratio	Lower	Upper
91	100		
106	31.7	21.2	39.4

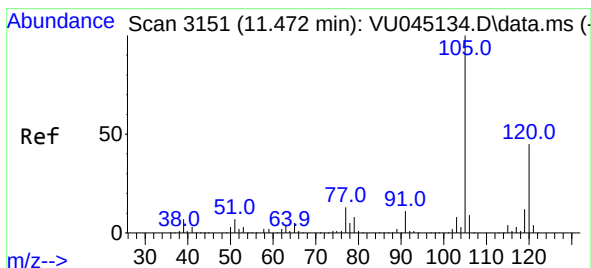
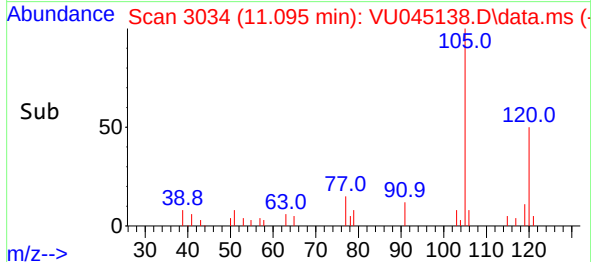
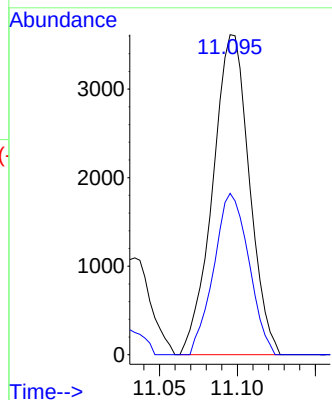
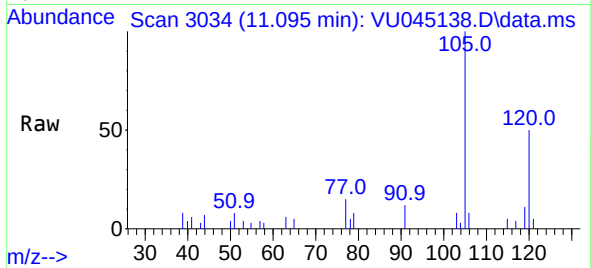




#62
1,3,5-Trimethylbenzene
Concen: 0.70 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU045138.D
Acq: 05 Oct 2021 12:37

Instrument :
MSVOA_U
ClientSampleId :
EW8Z3ME

Tgt Ion:105 Resp: 5923
Ion Ratio Lower Upper
105 100
120 48.1 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 0.66 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU045138.D
Acq: 05 Oct 2021 12:37

Tgt Ion:105 Resp: 5688
Ion Ratio Lower Upper
105 100
120 43.7 35.7 53.5

