

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045107.D
 Acq On : 04 Oct 2021 19:28
 Operator : SY/MD
 Sample : M4000-07
 Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW902

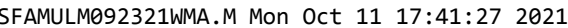
Quant Time: Oct 05 02:48:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

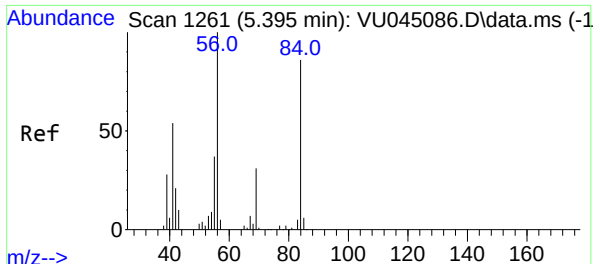
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	315095	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.433	117	311261	50.00	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.822	152	161513	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	86778	25.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	50.32%#		
7) Chloroethane-d5	1.877	69	32185	11.77	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	23.54%#		
11) 1,1-Dichloroethene-d2	2.530	63	132298	22.84	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	45.68%#		
21) 2-Butanone-d5	4.649	46	248931	91.28	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.28%		
24) Chloroform-d	5.070	84	197052	36.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.34%		
26) 1,2-Dichloroethane-d4	5.706	65	140447	38.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.12%		
32) Benzene-d6	5.726	84	390564	36.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.32%		
36) 1,2-Dichloropropane-d6	6.697	67	135798	38.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	77.12%		
41) Toluene-d8	7.906	98	401665	43.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.18%		
43) trans-1,3-Dichloroprop...	8.189	79	64321	41.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.12%		
47) 2-Hexanone-d5	8.664	63	192372	98.57	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.57%		
56) 1,1,2,2-Tetrachloroeth...	10.767	84	318271	58.04	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	116.08%		
66) 1,2-Dichlorobenzene-d4	12.201	152	154333	43.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.82%		
Target Compounds						Qvalue
29) Cyclohexane	5.375	56	778303	166.35	ug/L	90
35) Methylcyclohexane	6.761	83	2684254	578.21	ug/L	95
42) Toluene	7.976	91	52927	4.51	ug/L	100
46) Tetrachloroethene	8.562	164	1618	0.82	ug/L	95
52) Ethylbenzene	9.584	91	1891897	152.68	ug/L	99
53) m,p-Xylene	9.706	106	2260724	481.60	ug/L	99
54) o-xylene	10.111	106	80915	17.54	ug/L	94
61) Isopropylbenzene	10.497	105	749652	63.42	ug/L	98
62) 1,3,5-Trimethylbenzene	11.098	105	1867910	189.22	ug/L	99
63) 1,2,4-Trimethylbenzene	11.478	105	3886211	384.45	ug/L	100

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

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#29

Cyclohexane

Concen: 166.35 ug/L

RT: 5.375 min Scan# 1255

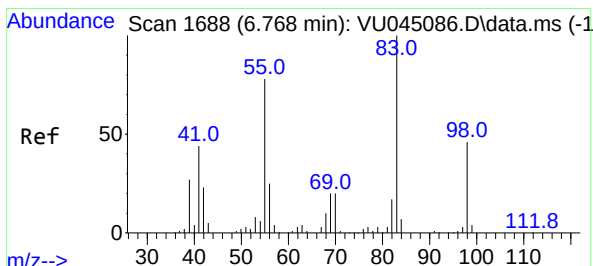
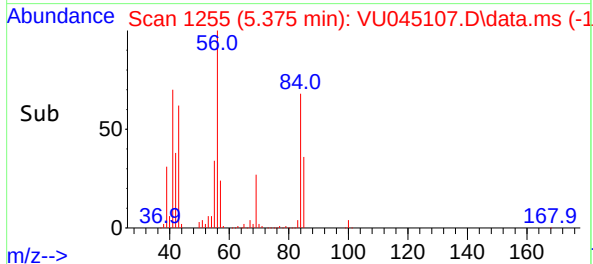
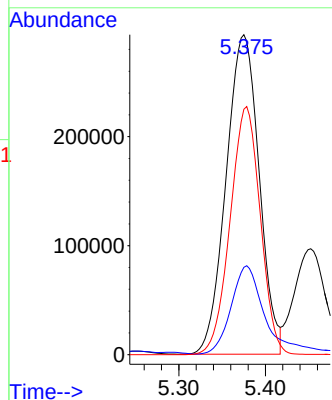
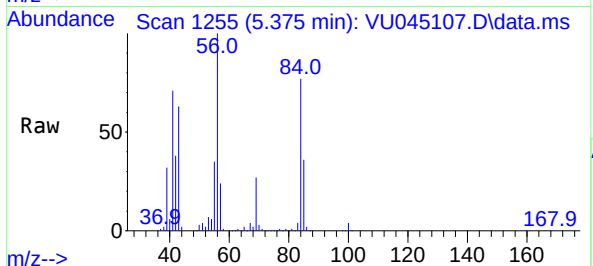
Delta R.T. -0.019 min

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Tgt Ion: 56 Resp: 778303

Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.8	35.8
84	70.8	66.8	100.2



#35

Methylcyclohexane

Concen: 578.21 ug/L

RT: 6.761 min Scan# 1686

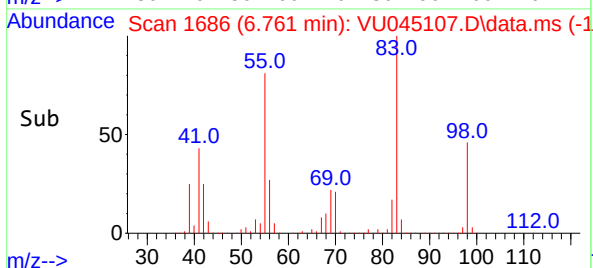
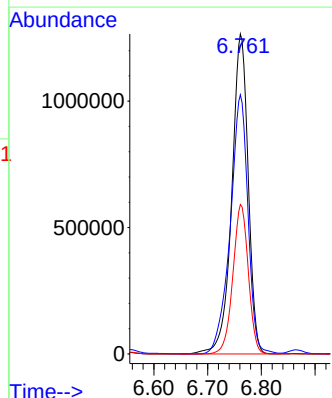
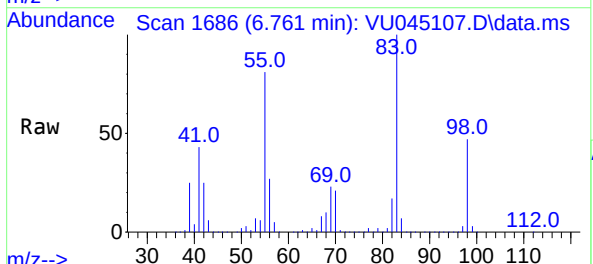
Delta R.T. -0.007 min

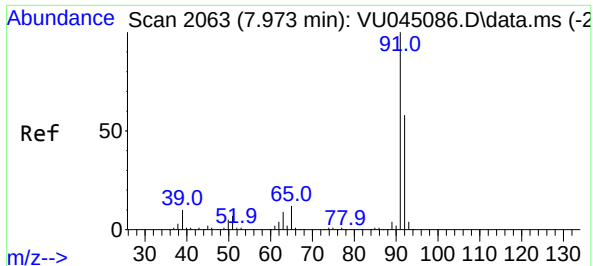
Lab File: VU045107.D

Acq: 04 Oct 2021 19:28

Tgt Ion: 83 Resp: 2684254

Ion	Ratio	Lower	Upper
83	100		
55	87.6	65.8	98.6
98	44.0	37.1	55.7

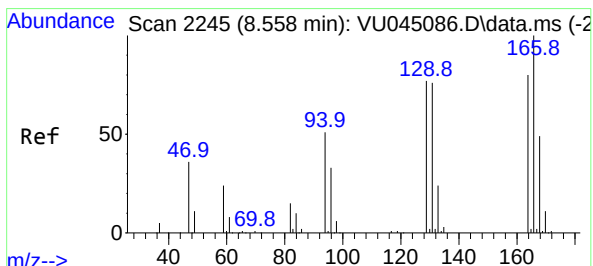
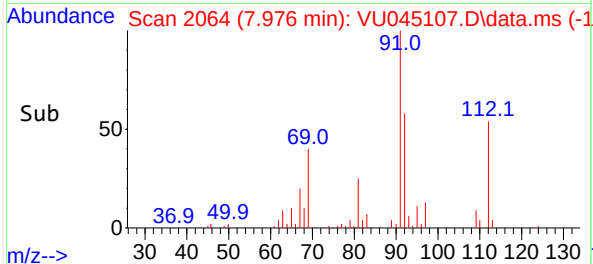
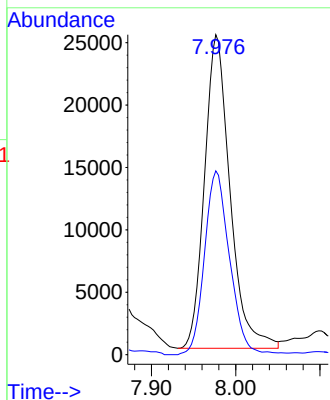
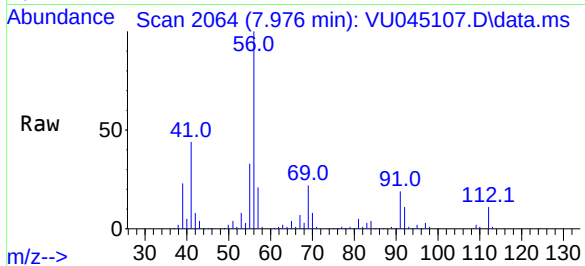




#42
Toluene
Concen: 4.51 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU045107.D
Acq: 04 Oct 2021 19:28

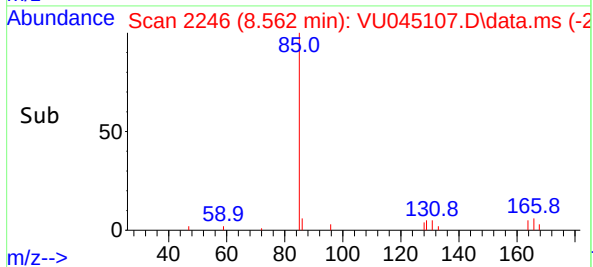
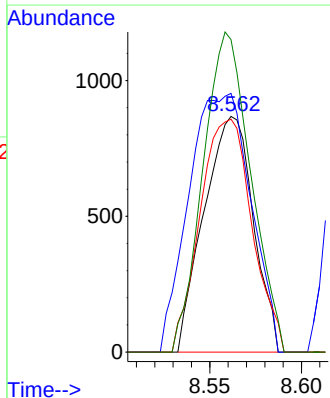
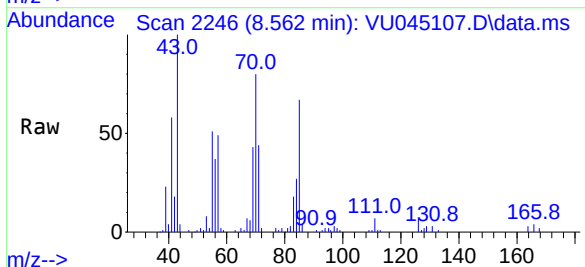
Instrument :
MSVOA_U
ClientSampled :
EW902

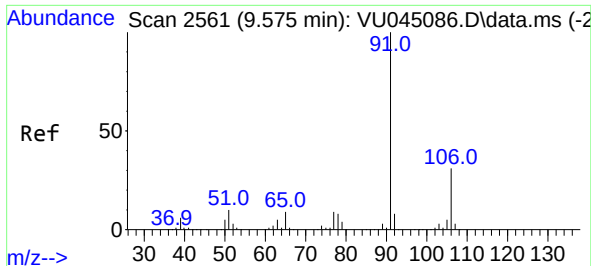
Tgt Ion: 91 Resp: 52927
Ion Ratio Lower Upper
91 100
92 57.5 40.5 75.1



#46
Tetrachloroethene
Concen: 0.82 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU045107.D
Acq: 04 Oct 2021 19:28

Tgt Ion: 164 Resp: 1618
Ion Ratio Lower Upper
164 100
129 109.8 69.8 129.6
131 98.8 66.4 123.2
166 132.6 91.1 169.3

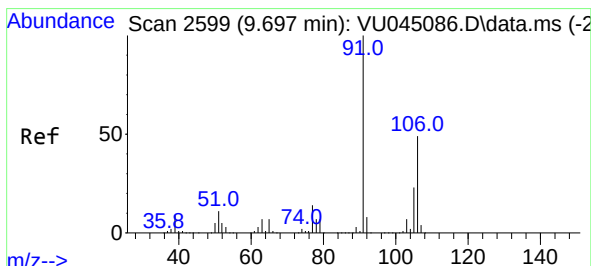
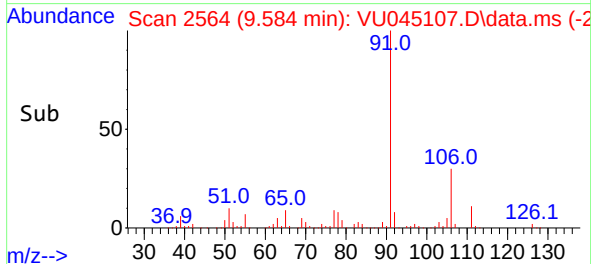
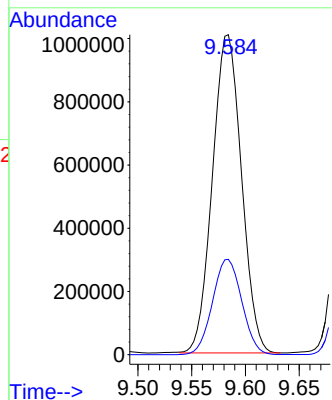
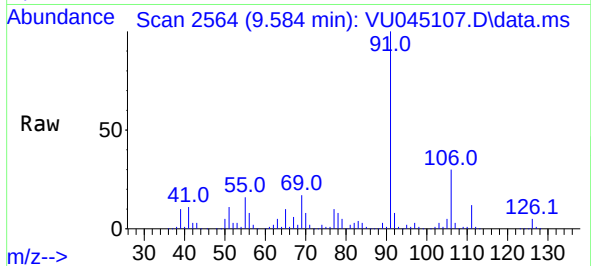




#52
Ethylbenzene
Concen: 152.68 ug/L
RT: 9.584 min Scan# 2564
Delta R.T. 0.010 min
Lab File: VU045107.D
Acq: 04 Oct 2021 19:28

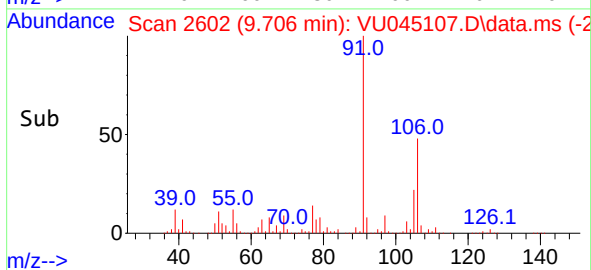
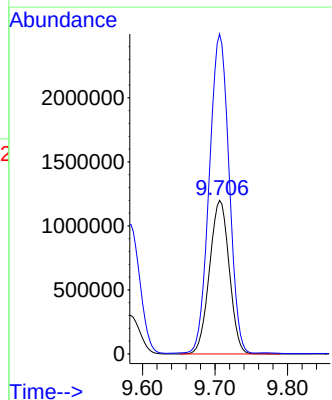
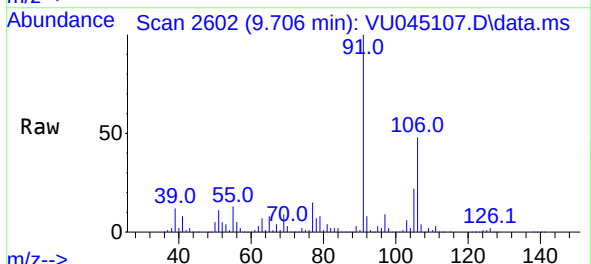
Instrument :
MSVOA_U
ClientSampled :
EW902

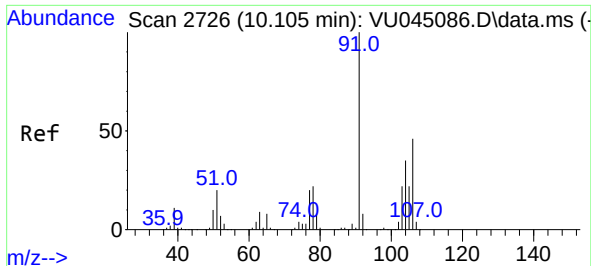
Tgt Ion: 91 Resp: 1891897
Ion Ratio Lower Upper
91 100
106 29.8 21.2 39.4



#53
m,p-Xylene
Concen: 481.60 ug/L
RT: 9.706 min Scan# 2602
Delta R.T. 0.010 min
Lab File: VU045107.D
Acq: 04 Oct 2021 19:28

Tgt Ion: 106 Resp: 2260724
Ion Ratio Lower Upper
106 100
91 208.2 146.7 272.4

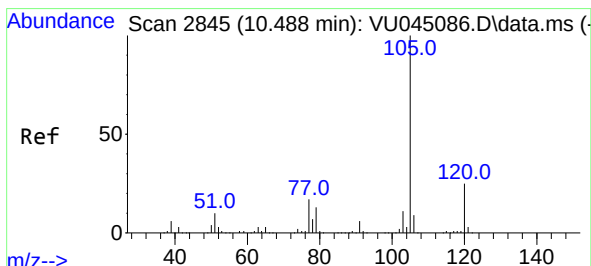
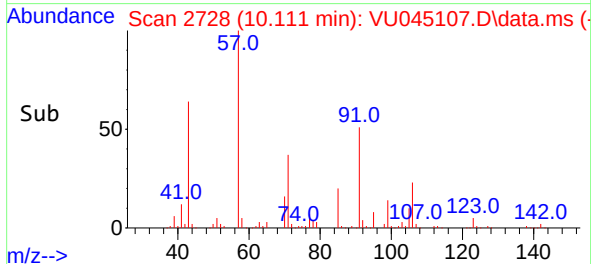
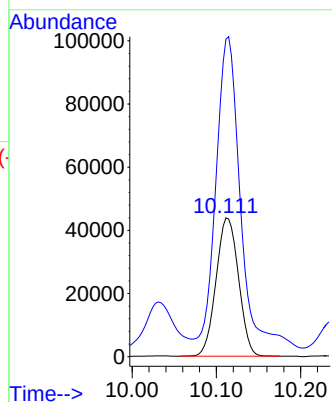
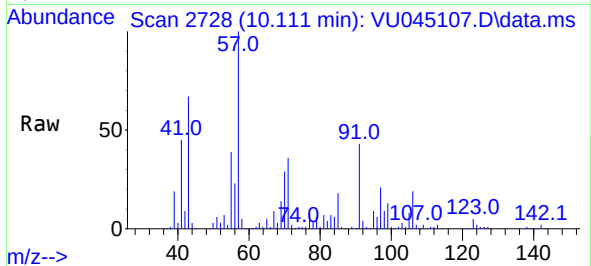




#54
o-xylene
Concen: 17.54 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.006 min
Lab File: VU045107.D
Acq: 04 Oct 2021 19:28

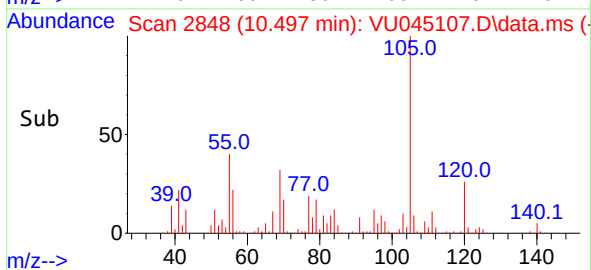
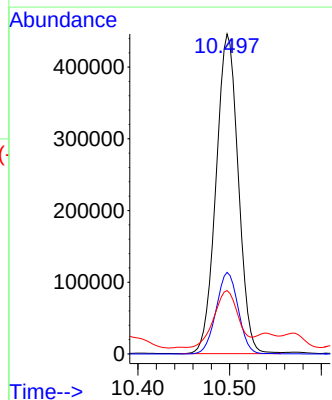
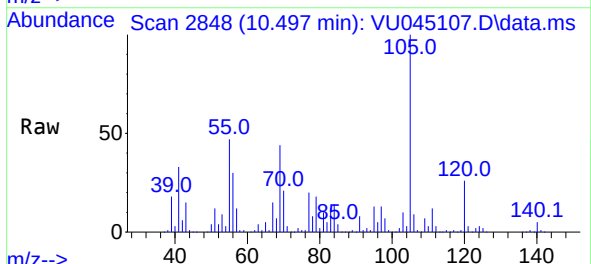
Instrument :
MSVOA_U
ClientSampled :
EW902

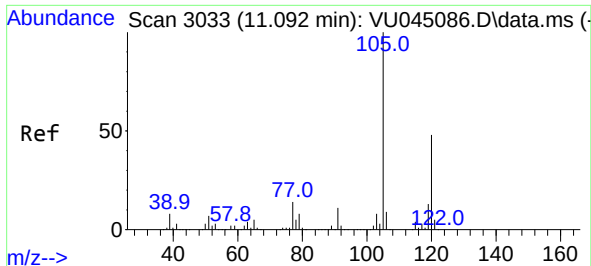
Tgt Ion:106 Resp: 80915
Ion Ratio Lower Upper
106 100
91 228.6 152.9 283.9



#61
Isopropylbenzene
Concen: 63.42 ug/L
RT: 10.497 min Scan# 2848
Delta R.T. 0.010 min
Lab File: VU045107.D
Acq: 04 Oct 2021 19:28

Tgt Ion:105 Resp: 749652
Ion Ratio Lower Upper
105 100
120 25.3 20.5 30.7
77 19.0 13.5 20.3

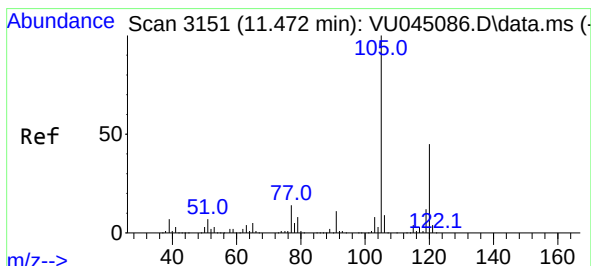
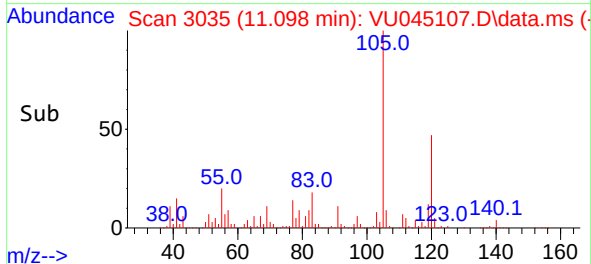
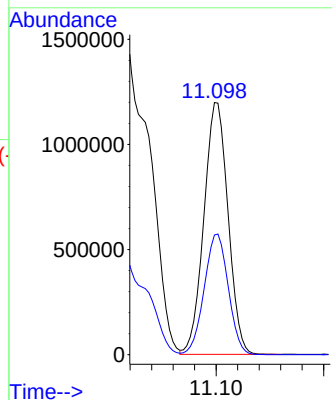
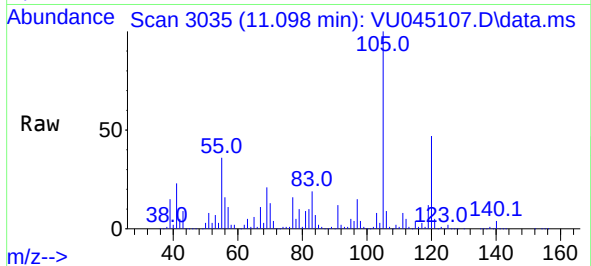




#62
1,3,5-Trimethylbenzene
Concen: 189.22 ug/L
RT: 11.098 min Scan# 3035
Delta R.T. 0.006 min
Lab File: VU045107.D
Acq: 04 Oct 2021 19:28

Instrument :
MSVOA_U
ClientSampleId :
EW902

Tgt Ion:105 Resp: 1867910
Ion Ratio Lower Upper
105 100
120 47.8 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 384.45 ug/L
RT: 11.478 min Scan# 3153
Delta R.T. 0.006 min
Lab File: VU045107.D
Acq: 04 Oct 2021 19:28

Tgt Ion:105 Resp: 3886211
Ion Ratio Lower Upper
105 100
120 44.6 35.7 53.5

