

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045109.D
 Acq On : 04 Oct 2021 20:15
 Operator : SY/MD
 Sample : M4000-09
 Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW904

Quant Time: Oct 05 02:49:16 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)

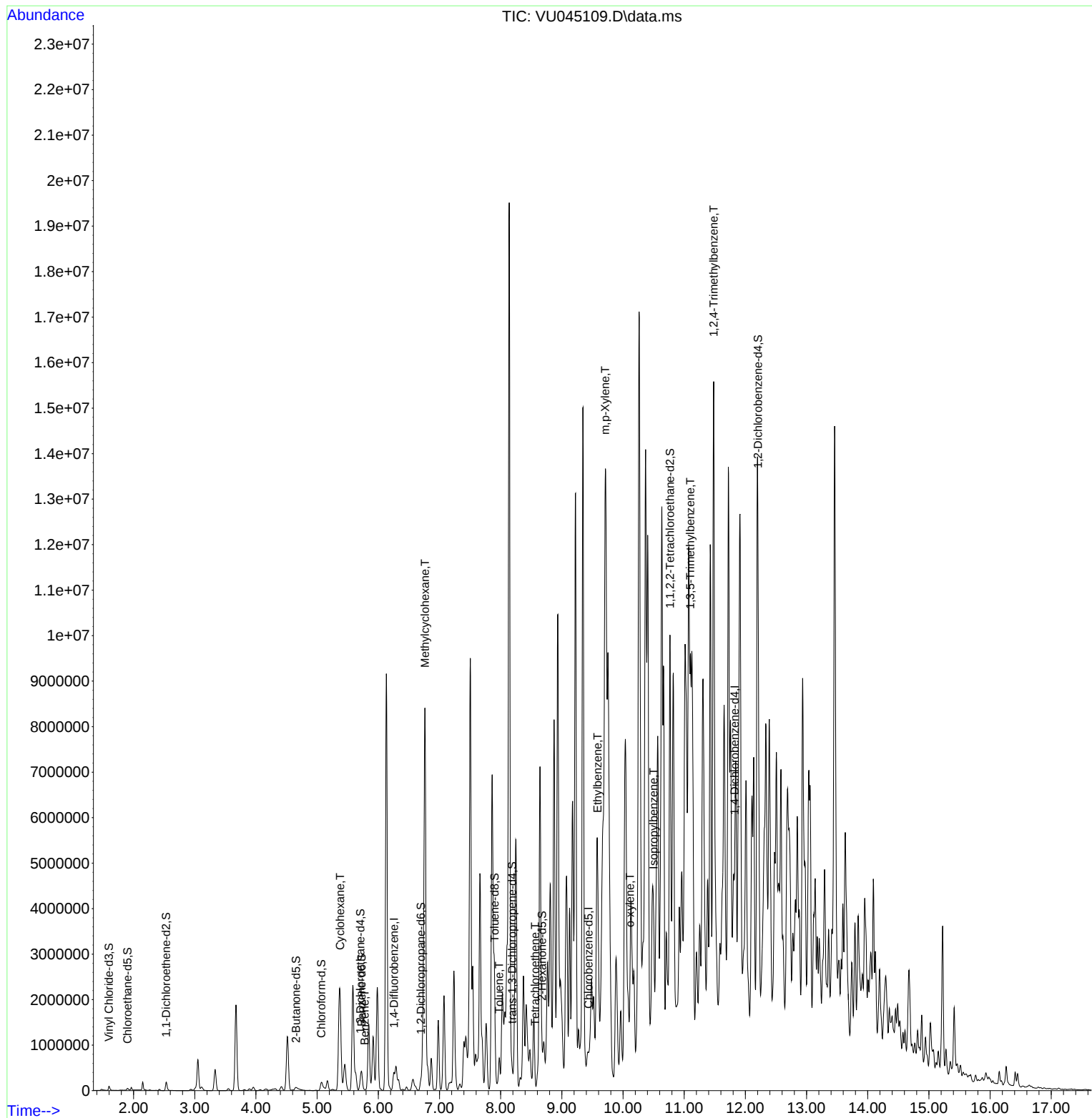
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	366191	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.436	117	352532	50.00	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.825	152	180423	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85402	21.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	42.60%#		
7) Chloroethane-d5	1.900	69	37426	11.78	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	23.56%#		
11) 1,1-Dichloroethene-d2	2.533	63	128499	19.09	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	38.18%#		
21) 2-Butanone-d5	4.655	46	224126	70.72	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	70.72%		
24) Chloroform-d	5.070	84	185036	29.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	58.46%#		
26) 1,2-Dichloroethane-d4	5.707	65	130517	30.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	60.86%#		
32) Benzene-d6	5.726	84	363643	29.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	59.46%#		
36) 1,2-Dichloropropane-d6	6.697	67	122210	30.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	61.28%#		
41) Toluene-d8	7.903	98	389922	36.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.88%#		
43) trans-1,3-Dichloroprop...	8.189	79	25679	14.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	28.94%#		
47) 2-Hexanone-d5	8.678	63	171969	77.80	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.80%		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	320706	51.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.26%		
66) 1,2-Dichlorobenzene-d4	12.205	152	151995	38.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.42%#		
Target Compounds						Qvalue
29) Cyclohexane	5.375	56	945919	178.51	ug/L	90
33) Benzene	5.777	78	7096	0.54	ug/L	100
35) Methylcyclohexane	6.764	83	3669552	697.91	ug/L	95
42) Toluene	7.977	91	73435	5.53	ug/L	100
46) Tetrachloroethene	8.562	164	1294	0.58	ug/L	79
52) Ethylbenzene	9.584	91	2700939	192.45	ug/L	100
53) m,p-Xylene	9.710	106	3178798	597.90	ug/L	99
54) o-xylene	10.115	106	127890	24.48	ug/L	95
61) Isopropylbenzene	10.501	105	1059639	80.25	ug/L	98
62) 1,3,5-Trimethylbenzene	11.102	105	2799788	253.90	ug/L	99
63) 1,2,4-Trimethylbenzene	11.481	105	6378769	564.89	ug/L	99

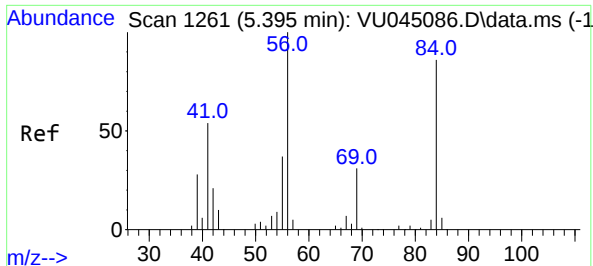
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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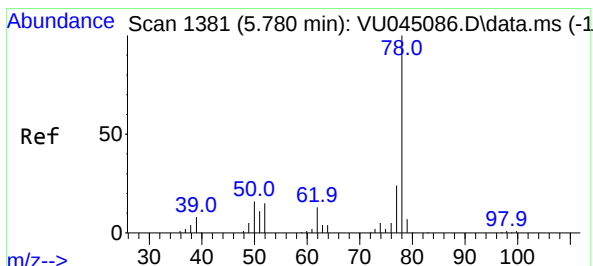
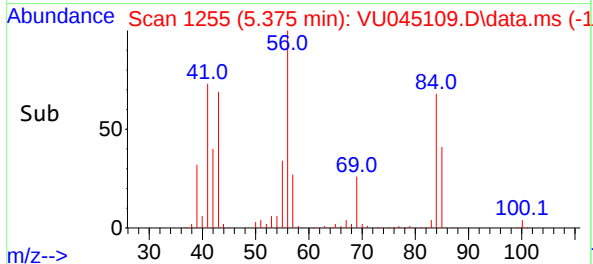
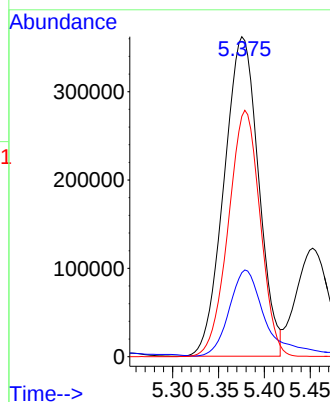
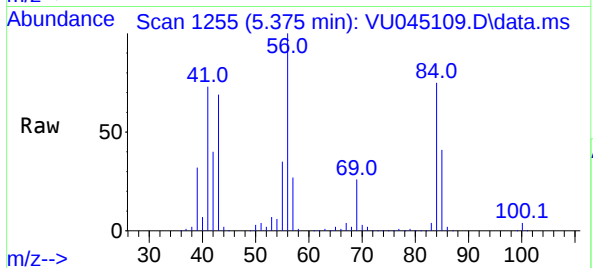




#29
Cyclohexane
Concen: 178.51 ug/L
RT: 5.375 min Scan# 1255
Delta R.T. -0.019 min
Lab File: VU045109.D
Acq: 04 Oct 2021 20:15

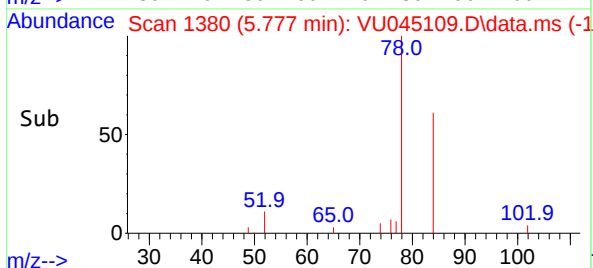
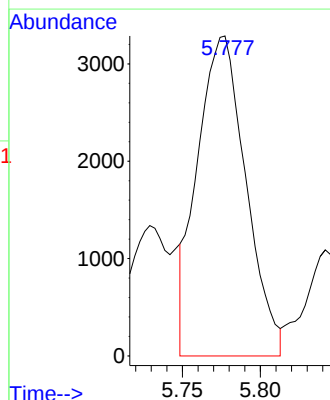
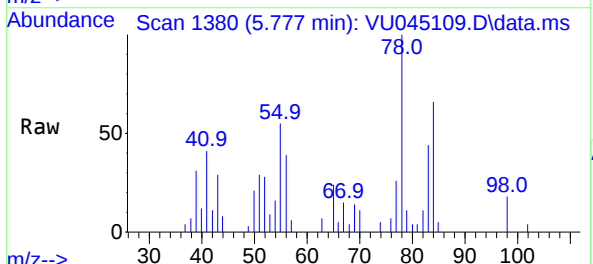
Instrument :
MSVOA_U
ClientSampled :
EW904

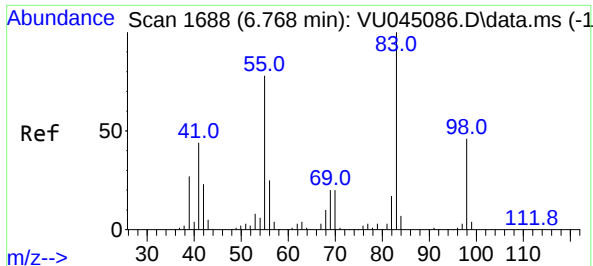
Tgt Ion: 56 Resp: 945919
Ion Ratio Lower Upper
56 100
69 29.5 23.8 35.8
84 71.3 66.8 100.2



#33
Benzene
Concen: 0.54 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045109.D
Acq: 04 Oct 2021 20:15

Tgt Ion: 78 Resp: 7096

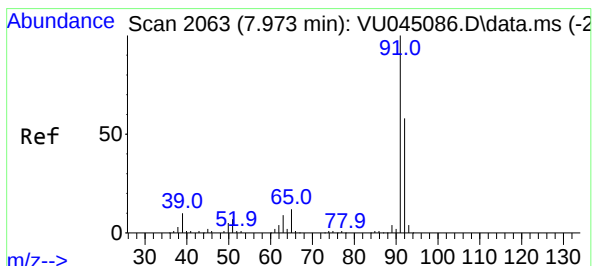
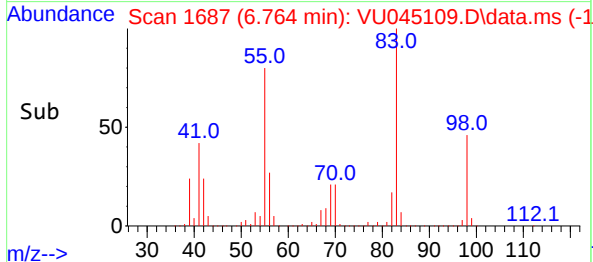
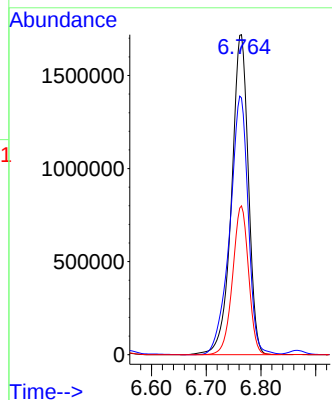
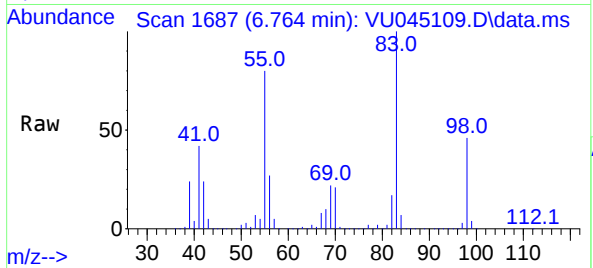




#35
Methylcyclohexane
Concen: 697.91 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU045109.D
Acq: 04 Oct 2021 20:15

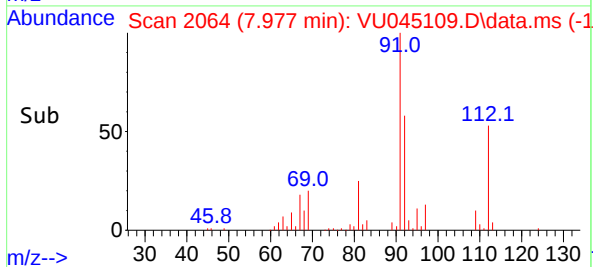
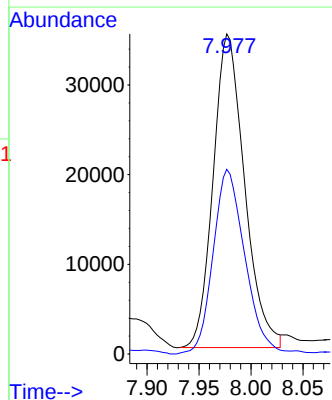
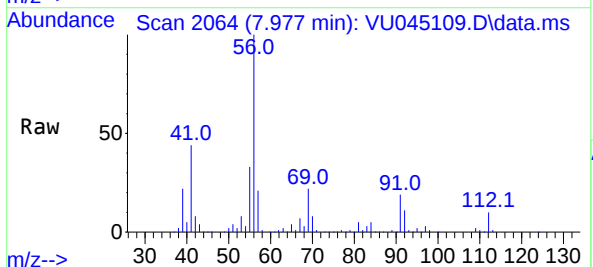
Instrument :
MSVOA_U
ClientSampleId :
EW904

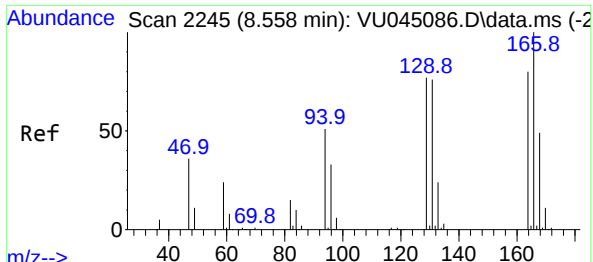
Tgt Ion: 83 Resp: 3669552
Ion Ratio Lower Upper
83 100
55 88.1 65.8 98.6
98 44.1 37.1 55.7



#42
Toluene
Concen: 5.53 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU045109.D
Acq: 04 Oct 2021 20:15

Tgt Ion: 91 Resp: 73435
Ion Ratio Lower Upper
91 100
92 57.7 40.5 75.1



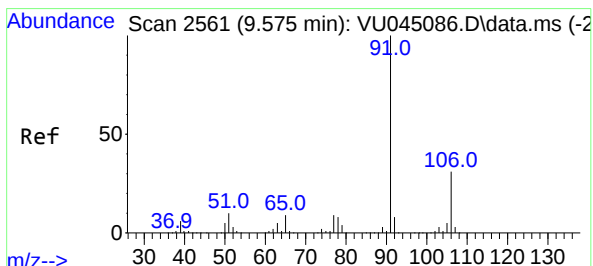
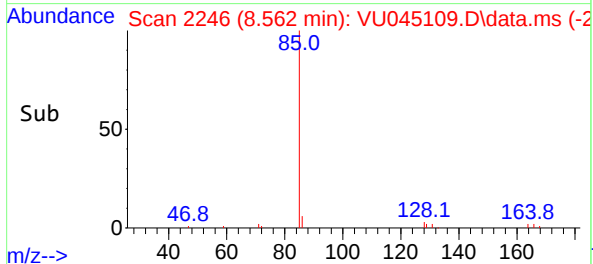
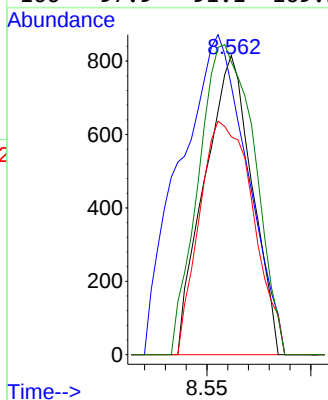
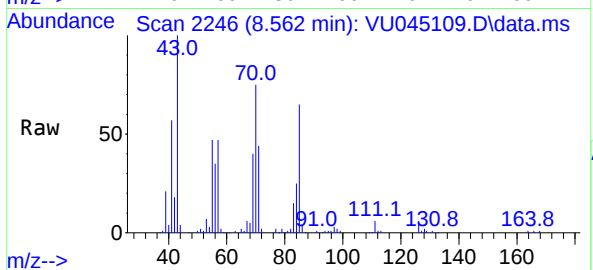


#46
Tetrachloroethene
Concen: 0.58 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU045109.D
Acq: 04 Oct 2021 20:15

Instrument :
MSVOA_U
ClientSampled :
EW904

Tgt Ion:164 Resp: 1294

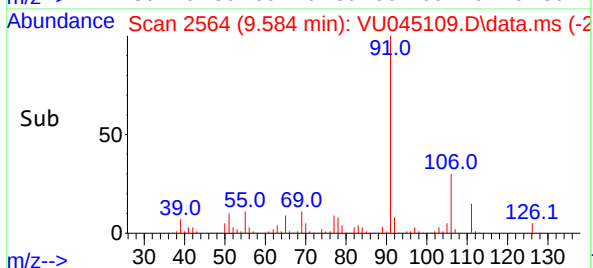
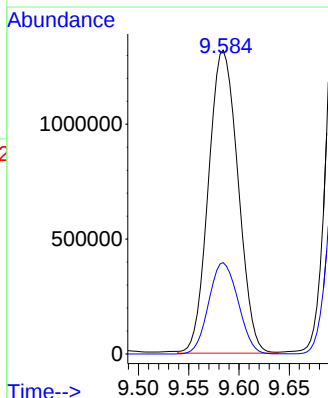
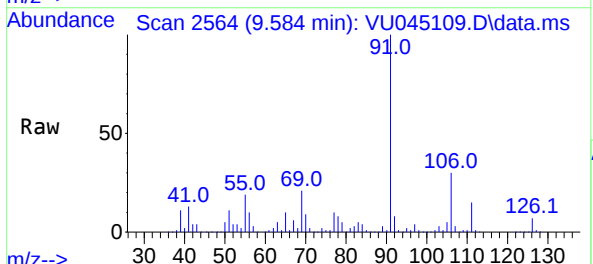
Ion	Ratio	Lower	Upper
164	100		
129	89.9	69.8	129.6
131	72.9	66.4	123.2
166	97.9	91.1	169.3

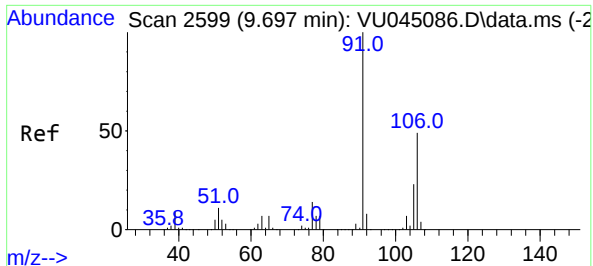


#52
Ethylbenzene
Concen: 192.45 ug/L
RT: 9.584 min Scan# 2564
Delta R.T. 0.010 min
Lab File: VU045109.D
Acq: 04 Oct 2021 20:15

Tgt Ion: 91 Resp: 2700939

Ion	Ratio	Lower	Upper
91	100		
106	30.1	21.2	39.4

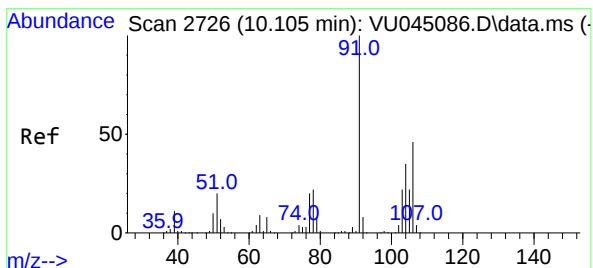
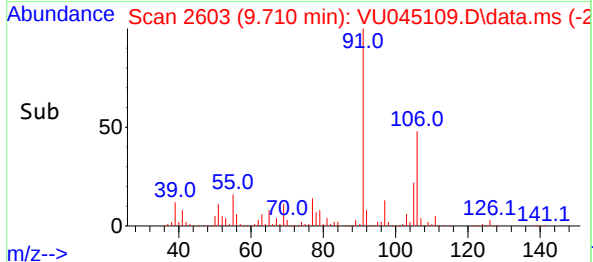
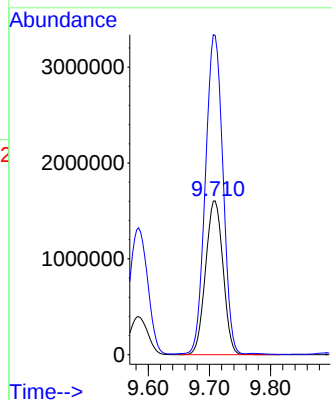
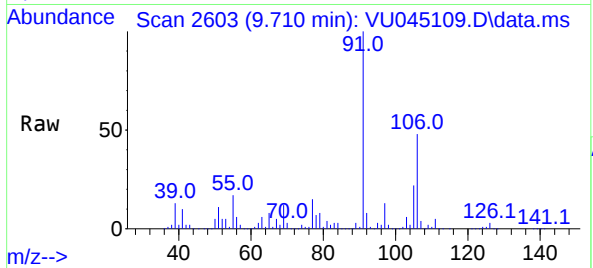




#53
m,p-Xylene
Concen: 597.90 ug/L
RT: 9.710 min Scan# 2603
Delta R.T. 0.013 min
Lab File: VU045109.D
Acq: 04 Oct 2021 20:15

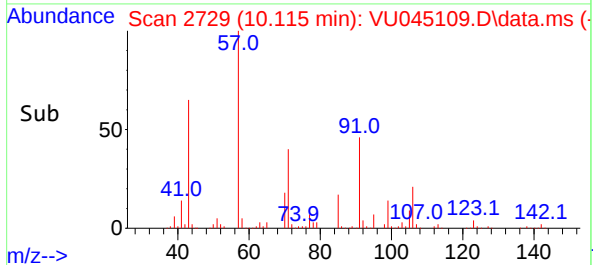
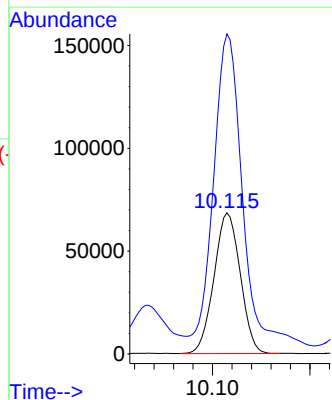
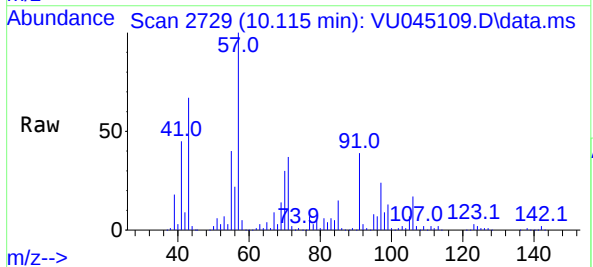
Instrument :
MSVOA_U
ClientSampleId :
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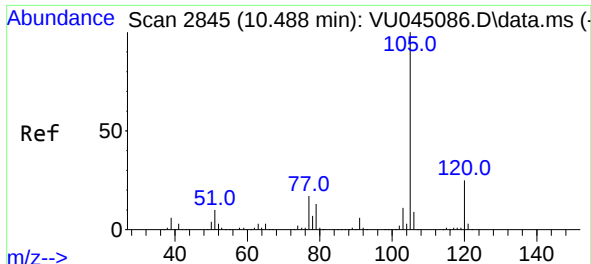
Tgt Ion:106 Resp: 3178798
Ion Ratio Lower Upper
106 100
91 207.5 146.7 272.4



#54
o-xylene
Concen: 24.48 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.010 min
Lab File: VU045109.D
Acq: 04 Oct 2021 20:15

Tgt Ion:106 Resp: 127890
Ion Ratio Lower Upper
106 100
91 226.8 152.9 283.9

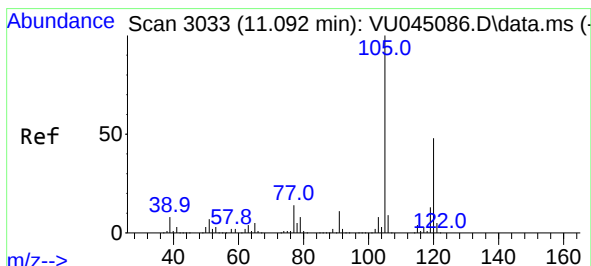
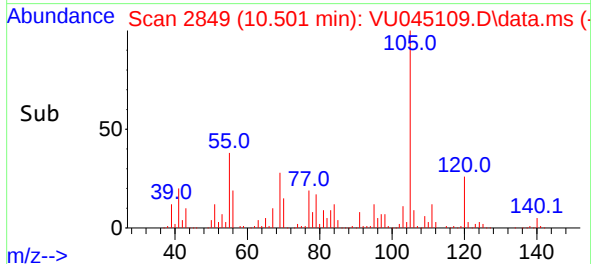
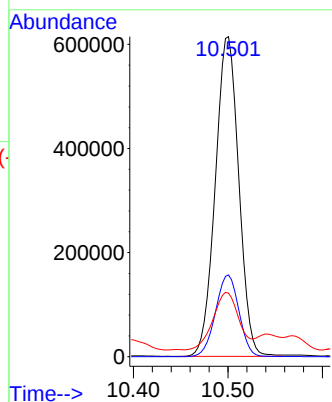
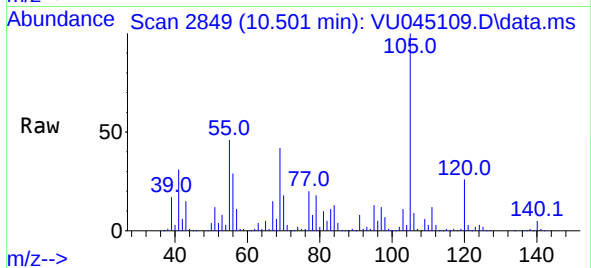




#61
Isopropylbenzene
Concen: 80.25 ug/L
RT: 10.501 min Scan# 2849
Delta R.T. 0.013 min
Lab File: VU045109.D
Acq: 04 Oct 2021 20:15

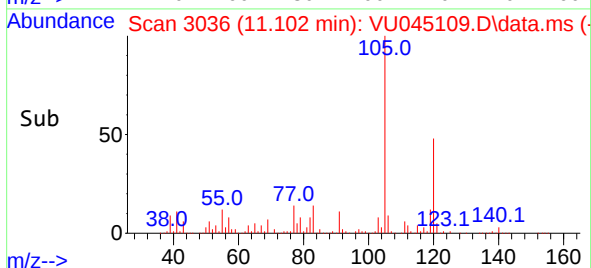
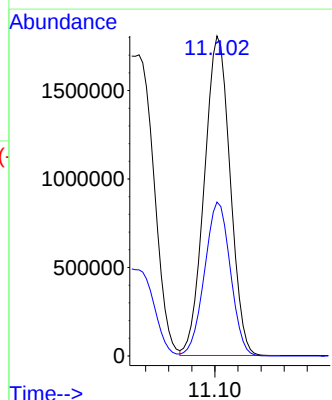
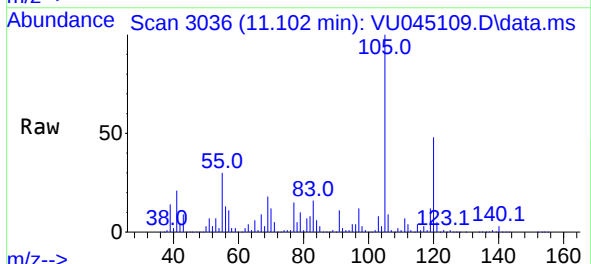
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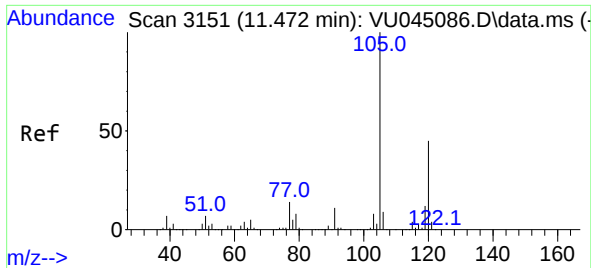
Tgt Ion:105 Resp: 1059639
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 19.4 13.5 20.3



#62
1,3,5-Trimethylbenzene
Concen: 253.90 ug/L
RT: 11.102 min Scan# 3036
Delta R.T. 0.010 min
Lab File: VU045109.D
Acq: 04 Oct 2021 20:15

Tgt Ion:105 Resp: 2799788
Ion Ratio Lower Upper
105 100
120 48.1 38.8 58.2





#63
 1,2,4-Trimethylbenzene
 Concen: 564.89 ug/L
 RT: 11.481 min Scan# 3154
 Delta R.T. 0.010 min
 Lab File: VU045109.D
 Acq: 04 Oct 2021 20:15

Instrument :
 MSVOA_U
 ClientSampleId :
 EW904

Tgt Ion:105 Resp: 6378769
 Ion Ratio Lower Upper
 105 100
 120 45.0 35.7 53.5

