

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045253.D
 Acq On : 08 Oct 2021 15:53
 Operator : SY/MD
 Sample : M4070-07ME
 Misc : 2.54g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7E0ME

Quant Time: Oct 09 05:32:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

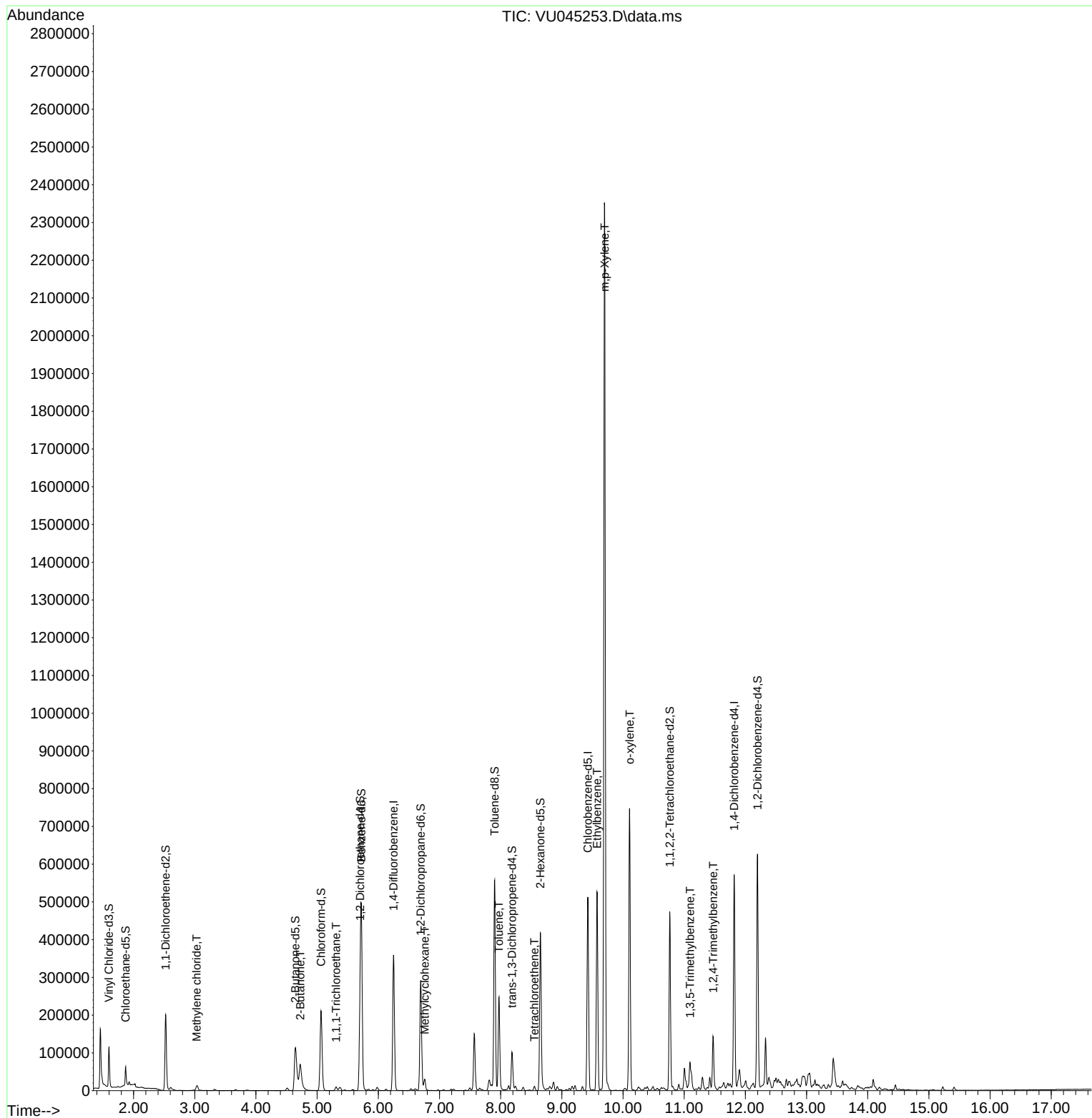
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	289996	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	285546	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	137017	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	81340	25.622	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	51.240%#		
7) Chloroethane-d5	1.871	69	32151	12.780	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	25.560%#		
11) 1,1-Dichloroethene-d2	2.523	63	132985	24.944	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	49.880%#		
21) 2-Butanone-d5	4.645	46	215210	85.749	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.750%		
24) Chloroform-d	5.063	84	195781	39.047	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.100%		
26) 1,2-Dichloroethane-d4	5.703	65	146860	43.242	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.480%		
32) Benzene-d6	5.723	84	415468	41.931	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.860%		
36) 1,2-Dichloropropane-d6	6.694	67	137662	42.609	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.220%		
41) Toluene-d8	7.903	98	366031	42.807	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.620%		
43) trans-1,3-Dichloroprop...	8.185	79	60228	41.908	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.820%		
47) 2-Hexanone-d5	8.649	63	154088	86.063	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.060%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	228148	45.349	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.700%		
66) 1,2-Dichlorobenzene-d4	12.198	152	141169	47.342	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.680%		
Target Compounds						Qvalue
16) Methylene chloride	3.031	84	4400	1.547	ug/L	98
22) 2-Butanone	4.726	43	122802	37.820	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	6943	1.757	ug/L	98
35) Methylcyclohexane	6.758	83	12120	2.846	ug/L	99
42) Toluene	7.973	91	181769	16.892	ug/L	100
46) Tetrachloroethene	8.552	164	2120	1.166	ug/L	95
52) Ethylbenzene	9.578	91	383240	33.713	ug/L	100
53) m,p-Xylene	9.700	106	666181	154.698	ug/L	99
54) o-xylene	10.108	106	196492	46.434	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	36476	4.356	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	70336	8.202	ug/L	100

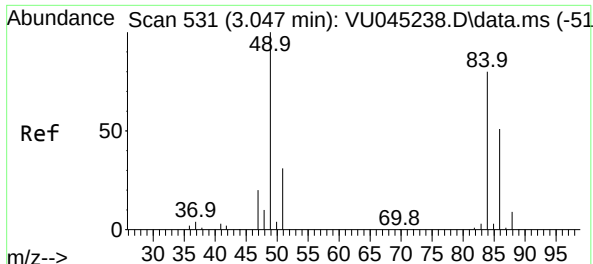
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045253.D
Acq On : 08 Oct 2021 15:53
Operator : SY/MD
Sample : M4070-07ME
Misc : 2.54g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E0ME

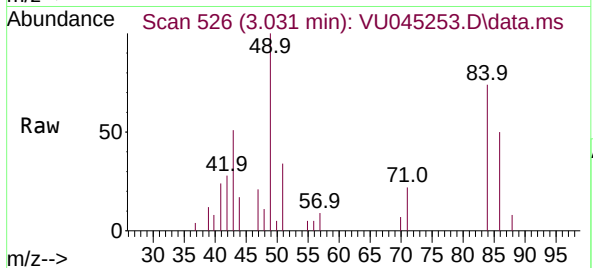
Quant Time: Oct 09 05:32:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
Response via : Initial Calibration



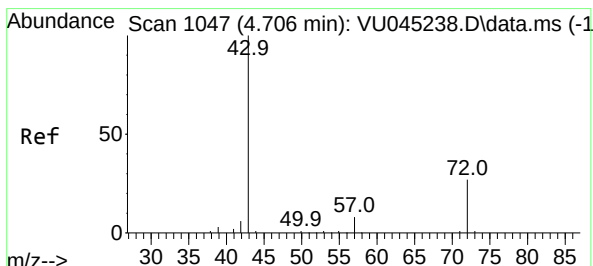
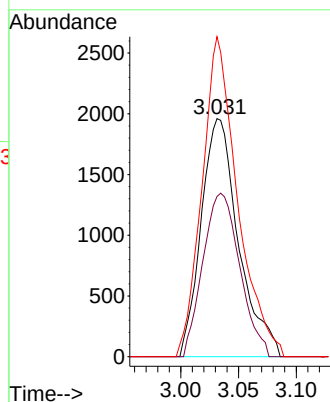
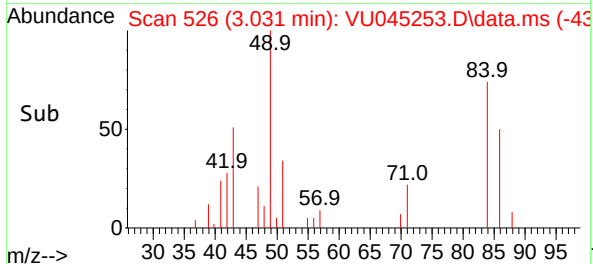


#16
Methylene chloride
Concen: 1.547 ug/L
RT: 3.031 min Scan# 526
Delta R.T. -0.016 min
Lab File: VU045253.D
Acq: 08 Oct 2021 15:53

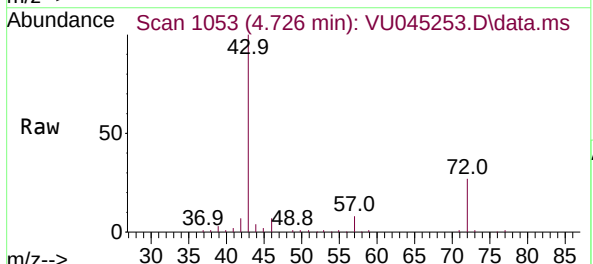
Instrument :
MSVOA_U
ClientSampleId :
EW7E0ME



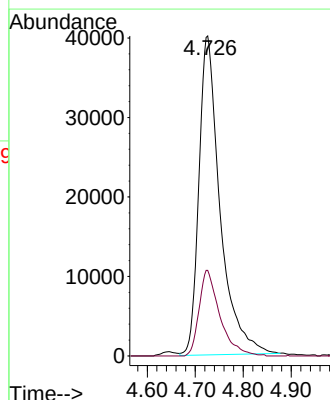
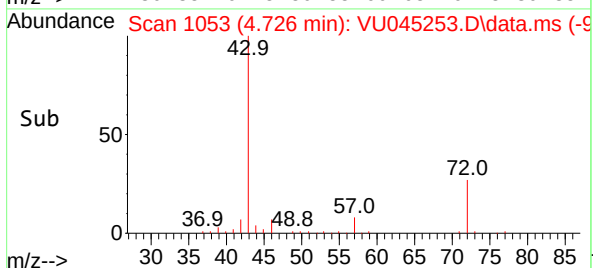
Tgt Ion:	84	Resp:	4400
Ion	Ratio	Lower	Upper
84	100		
86	67.3	44.7	83.1
49	134.4	92.9	172.5

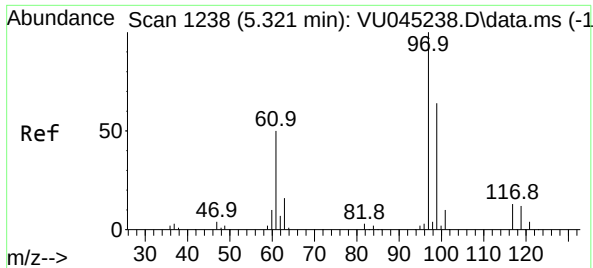


#22
2-Butanone
Concen: 37.820 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.019 min
Lab File: VU045253.D
Acq: 08 Oct 2021 15:53



Tgt Ion:	43	Resp:	122802
Ion	Ratio	Lower	Upper
43	100		
72	26.3	13.3	39.9



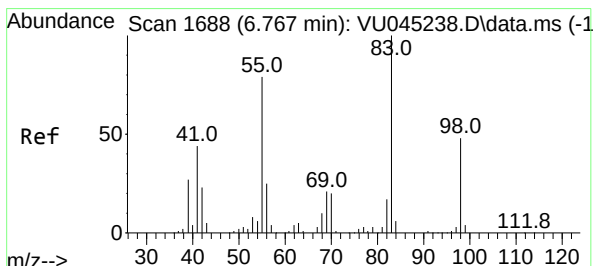
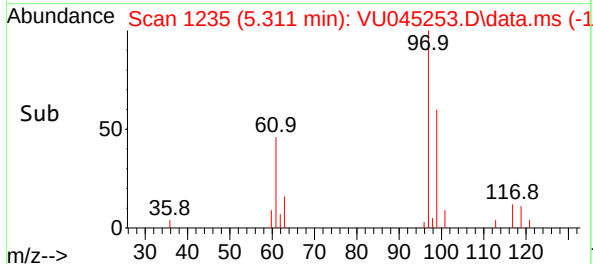
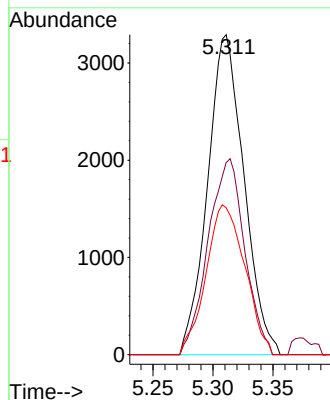
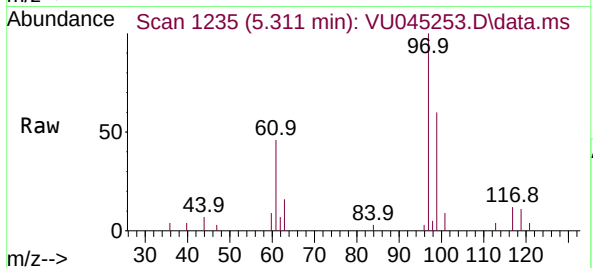


#30

1,1,1-Trichloroethane
Concen: 1.757 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.010 min
Lab File: VU045253.D
Acq: 08 Oct 2021 15:53

Instrument :
MSVOA_U
ClientSampleId :
EW7E0ME

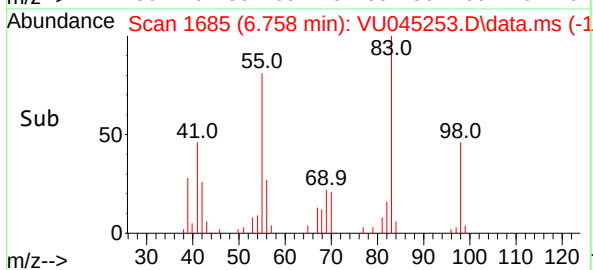
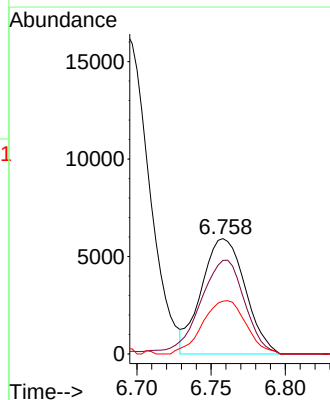
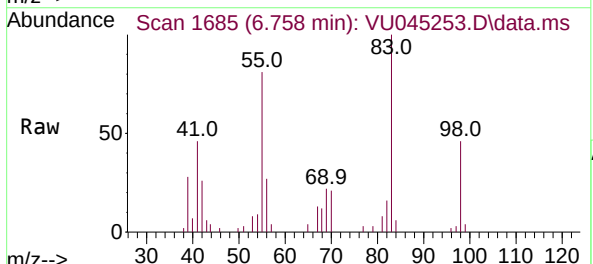
Tgt Ion: 97	Resp: 6943
Ion Ratio	Lower Upper
97 100	
99 61.6	50.6 75.8
61 50.0	41.3 61.9

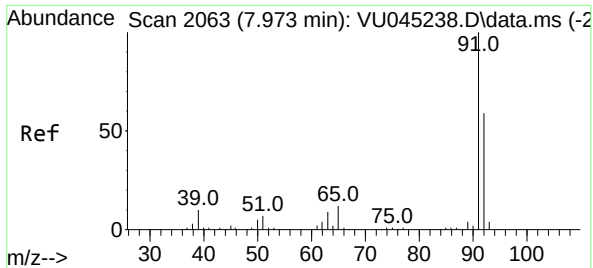


#35

Methylcyclohexane
Concen: 2.846 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.010 min
Lab File: VU045253.D
Acq: 08 Oct 2021 15:53

Tgt Ion: 83	Resp: 12120
Ion Ratio	Lower Upper
83 100	
55 82.7	65.8 98.6
98 45.7	37.1 55.7

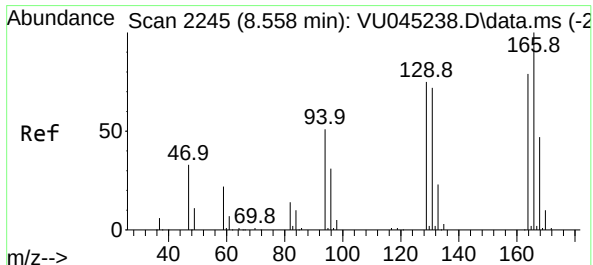
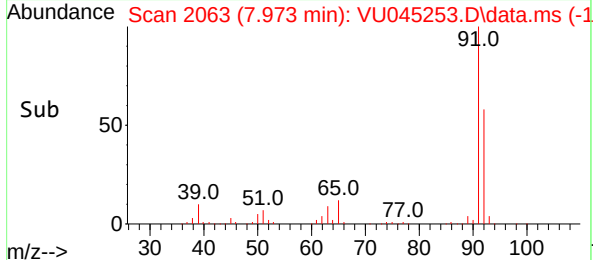
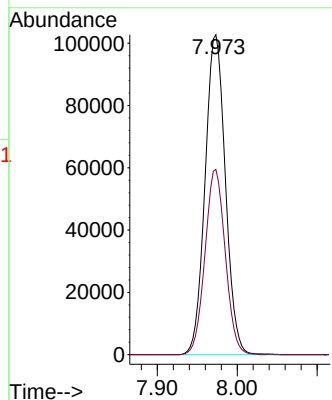
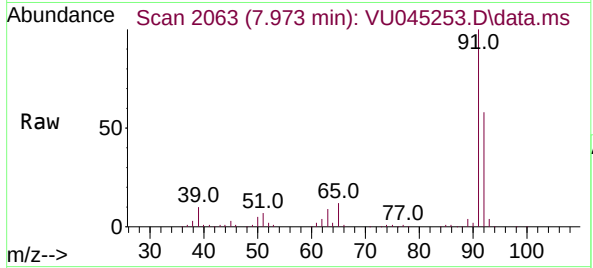




#42
Toluene
Concen: 16.892 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045253.D
Acq: 08 Oct 2021 15:53

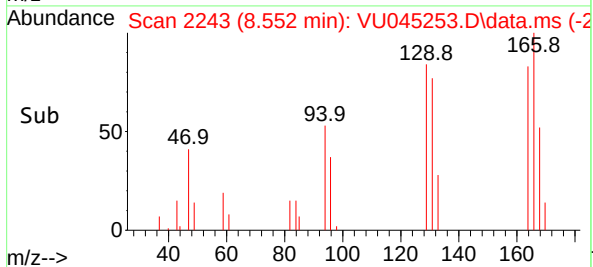
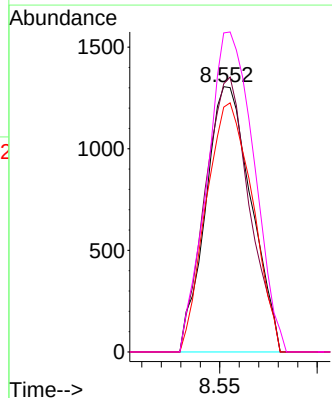
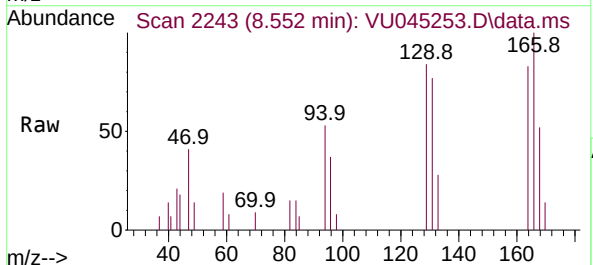
Instrument :
MSVOA_U
ClientSampleId :
EW7E0ME

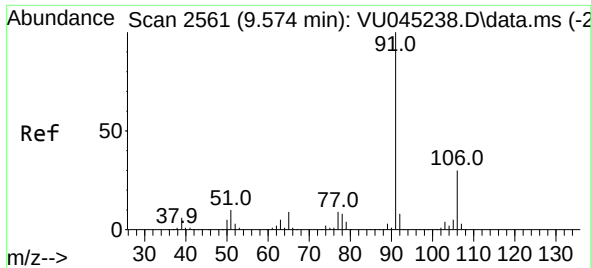
Tgt Ion: 91 Resp: 181769
Ion Ratio Lower Upper
91 100
92 57.9 40.5 75.1



#46
Tetrachloroethene
Concen: 1.166 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.006 min
Lab File: VU045253.D
Acq: 08 Oct 2021 15:53

Tgt Ion: 164 Resp: 2120
Ion Ratio Lower Upper
164 100
129 101.1 69.8 129.6
131 92.3 66.4 123.2
166 120.2 91.1 169.3

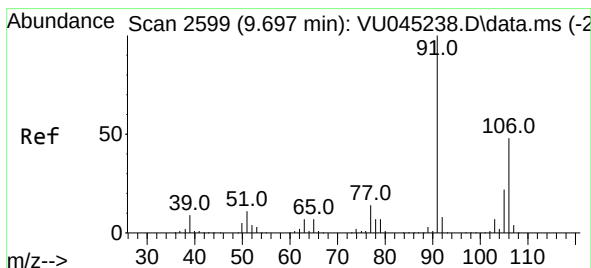
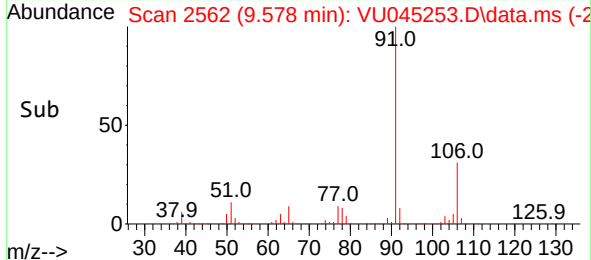
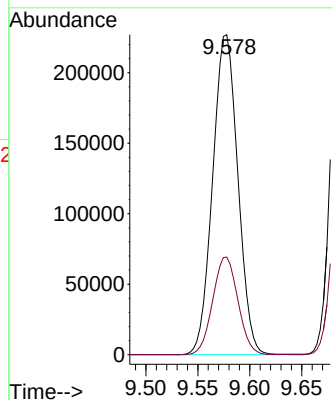
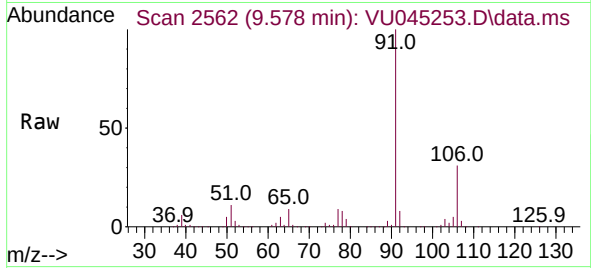




#52
Ethylbenzene
Concen: 33.713 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU045253.D
Acq: 08 Oct 2021 15:53

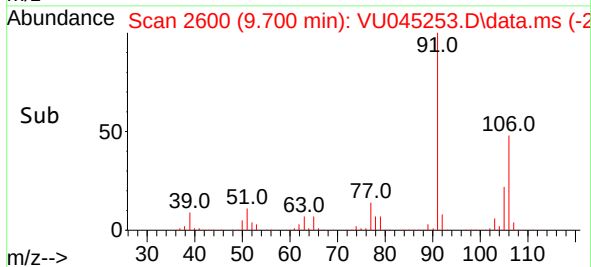
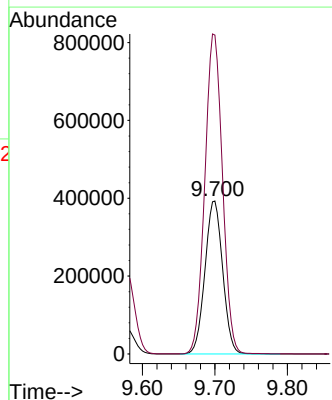
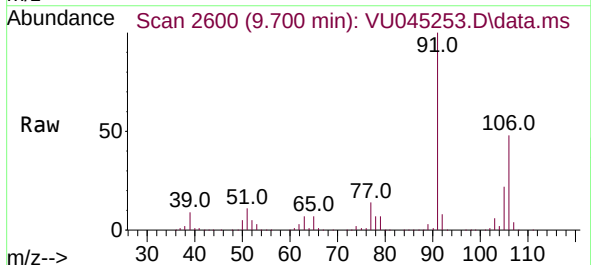
Instrument :
MSVOA_U
ClientSampleId :
EW7E0ME

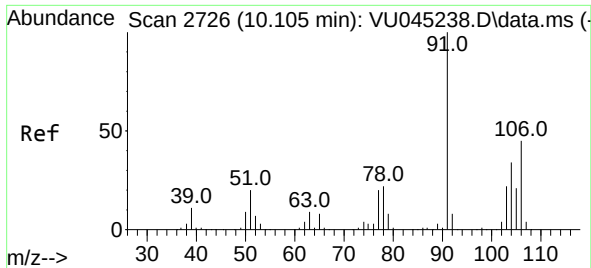
Tgt Ion: 91 Resp: 383240
Ion Ratio Lower Upper
91 100
106 30.5 21.2 39.4



#53
m,p-Xylene
Concen: 154.698 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU045253.D
Acq: 08 Oct 2021 15:53

Tgt Ion: 106 Resp: 666181
Ion Ratio Lower Upper
106 100
91 208.4 146.7 272.4

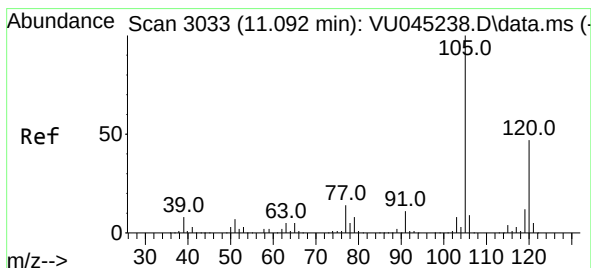
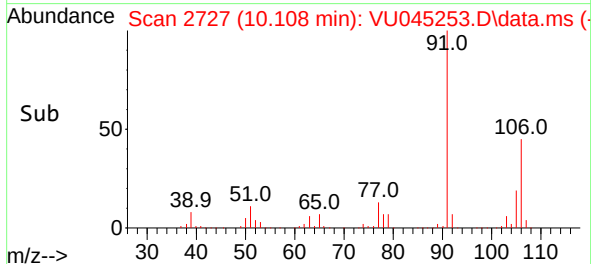
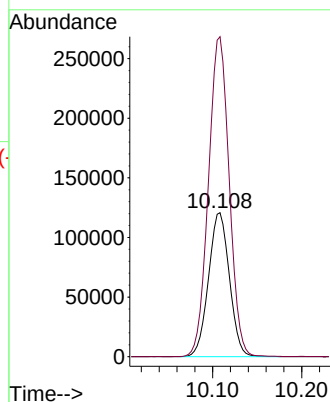
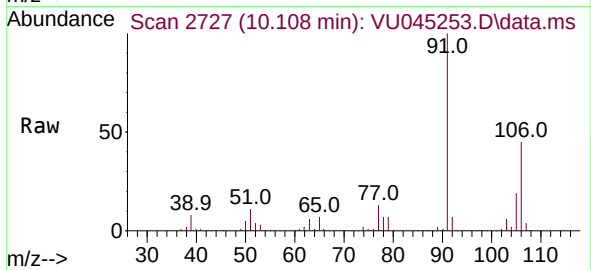




#54
o-xylene
Concen: 46.434 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU045253.D
Acq: 08 Oct 2021 15:53

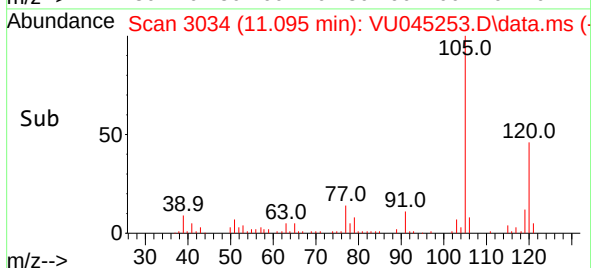
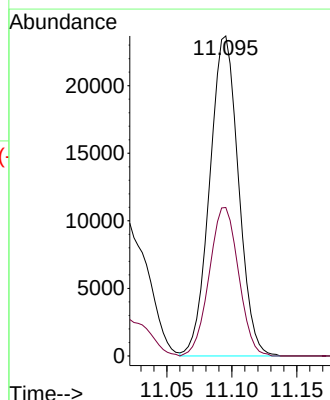
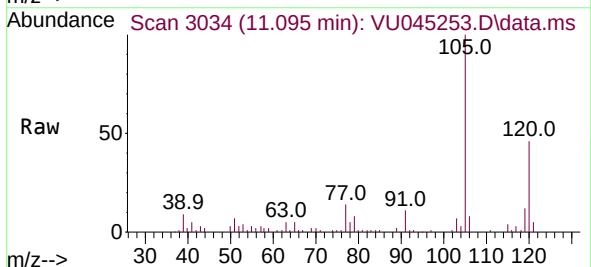
Instrument :
MSVOA_U
ClientSampleId :
EW7E0ME

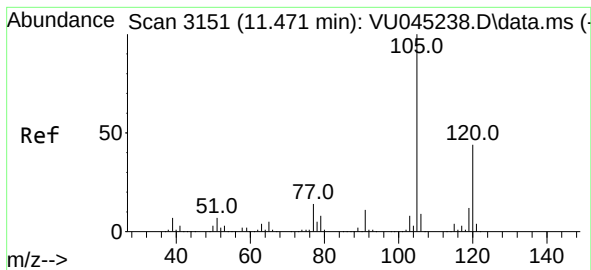
Tgt Ion:106 Resp: 196492
Ion Ratio Lower Upper
106 100
91 222.3 152.9 283.9



#62
1,3,5-Trimethylbenzene
Concen: 4.356 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU045253.D
Acq: 08 Oct 2021 15:53

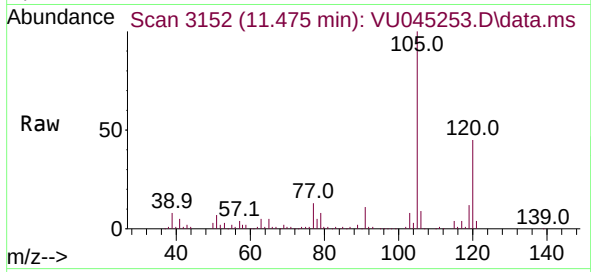
Tgt Ion:105 Resp: 36476
Ion Ratio Lower Upper
105 100
120 47.3 38.8 58.2





#63
 1,2,4-Trimethylbenzene
 Concen: 8.202 ug/L
 RT: 11.475 min Scan# 3152
 Delta R.T. 0.003 min
 Lab File: VU045253.D
 Acq: 08 Oct 2021 15:53

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7E0ME



Tgt Ion:105 Resp: 70336
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.7 53.5

