

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
 Data File : VU046271.D
 Acq On : 10 Dec 2021 17:30
 Operator : SY/MD
 Sample : M4885-22ME
 Misc : 3.59g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW9M7ME

Quant Time: Dec 10 22:25:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

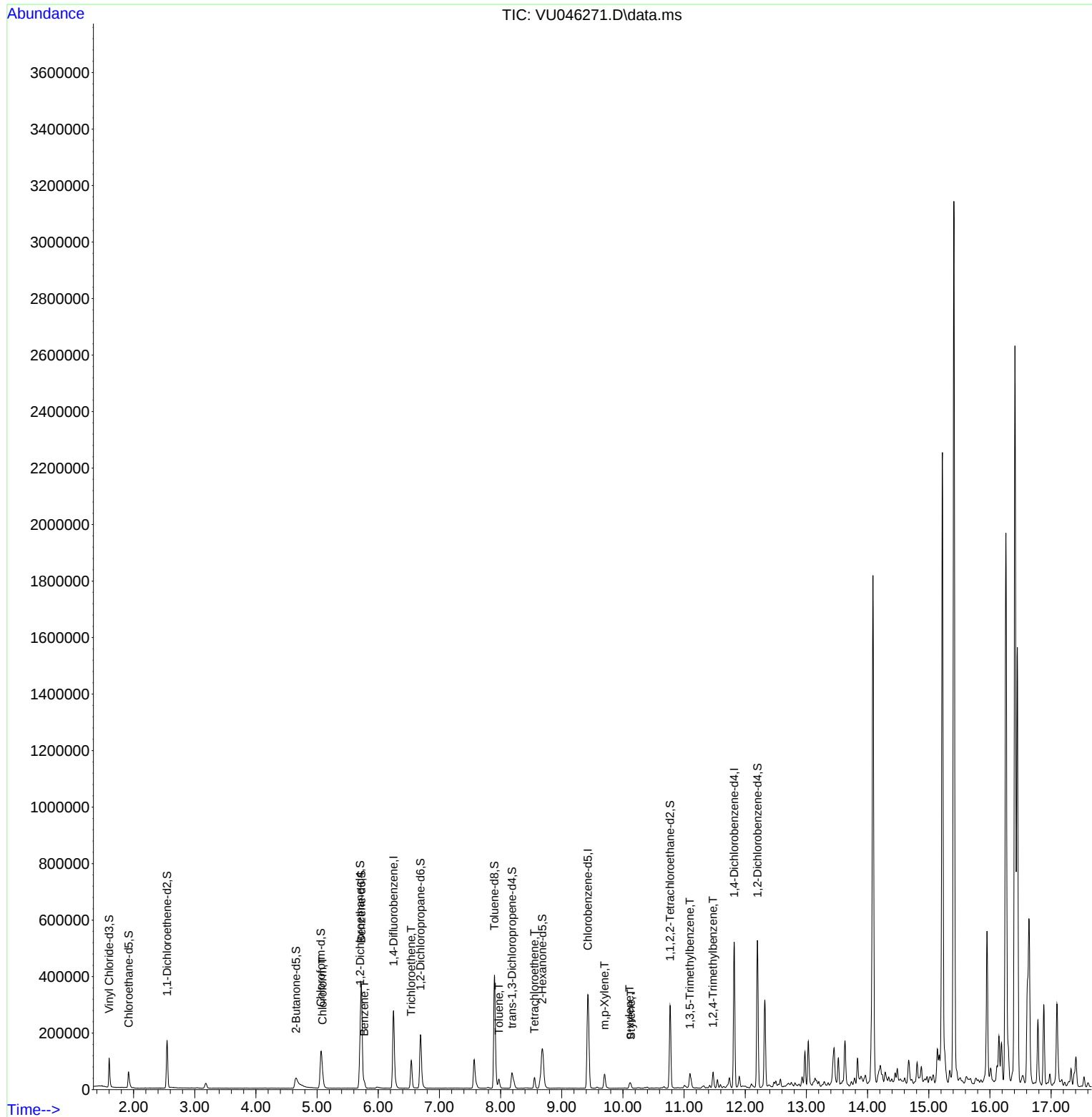
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	256432	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	261202	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	138061	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	84427	39.968	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.940%		
7) Chloroethane-d5	1.919	69	55873	34.450	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	68.900%#		
11) 1,1-Dichloroethene-d2	2.549	63	98660	26.018	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	52.040%#		
21) 2-Butanone-d5	4.655	46	100855	60.061	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	60.060%		
24) Chloroform-d	5.063	84	129861	36.814	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.620%		
26) 1,2-Dichloroethane-d4	5.703	65	101280	42.782	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.560%		
32) Benzene-d6	5.726	84	328682	43.903	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.800%		
36) 1,2-Dichloropropane-d6	6.690	67	101572	43.777	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.560%		
41) Toluene-d8	7.899	98	303060	44.460	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.920%		
43) trans-1,3-Dichloroprop...	8.185	79	54404	48.573	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.140%		
47) 2-Hexanone-d5	8.681	63	95750	87.038	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.040%		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	152064	43.216	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.440%		
66) 1,2-Dichlorobenzene-d4	12.201	152	124333	46.763	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.520%		
Target Compounds						Qvalue
25) Chloroform	5.089	83	27022	7.129	ug/L	95
33) Benzene	5.771	78	19158	2.423	ug/L	100
34) Trichloroethene	6.539	95	33169	15.926	ug/L	98
42) Toluene	7.973	91	27134	3.199	ug/L	97
46) Tetrachloroethene	8.552	164	9308	6.082	ug/L	96
53) m,p-Xylene	9.700	106	17459	4.904	ug/L	90
54) o-xylene	10.108	106	4156	1.203	ug/L	91
55) Styrene	10.131	104	8051	1.365	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	28912	3.861	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	30654	4.092	ug/L	99

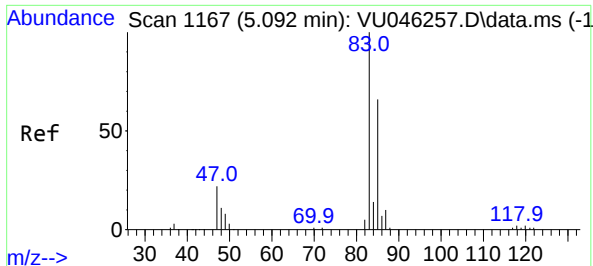
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration





#25

Chloroform

Concen: 7.129 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046271.D

Acq: 10 Dec 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

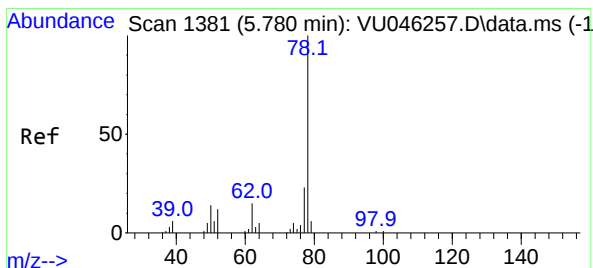
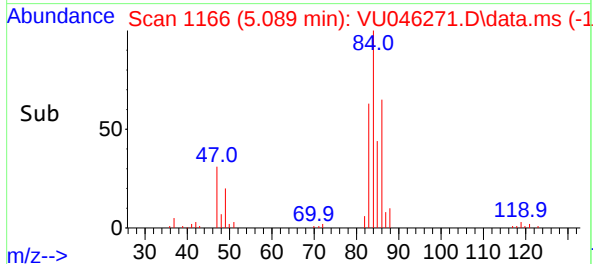
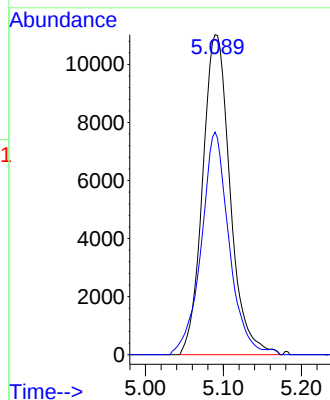
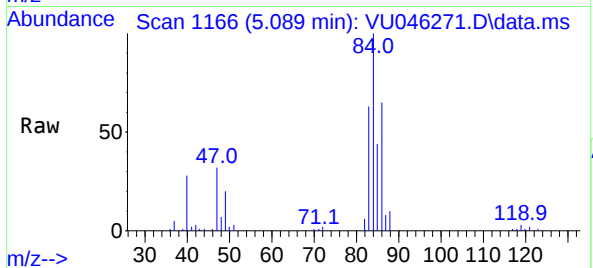
EW9M7ME

Tgt Ion: 83 Resp: 27022

Ion Ratio Lower Upper

83 100

85 69.6 45.8 85.2



#33

Benzene

Concen: 2.423 ug/L

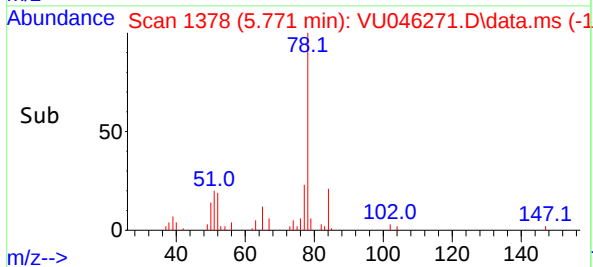
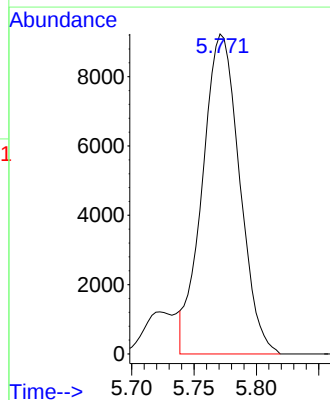
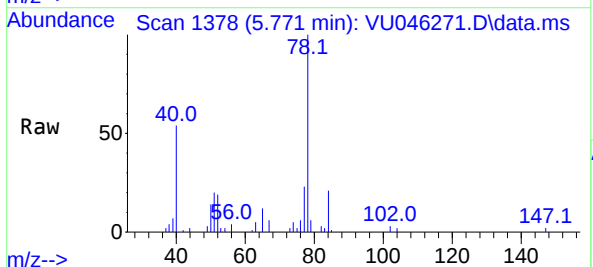
RT: 5.771 min Scan# 1378

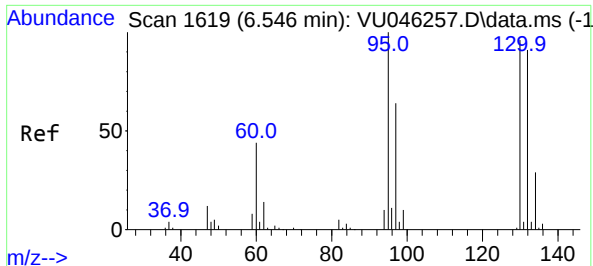
Delta R.T. -0.010 min

Lab File: VU046271.D

Acq: 10 Dec 2021 17:30

Tgt Ion: 78 Resp: 19158

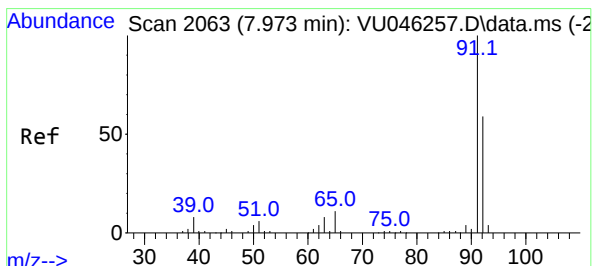
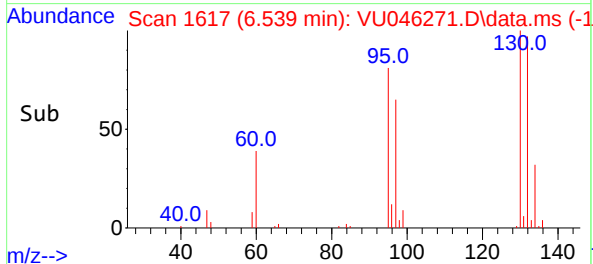
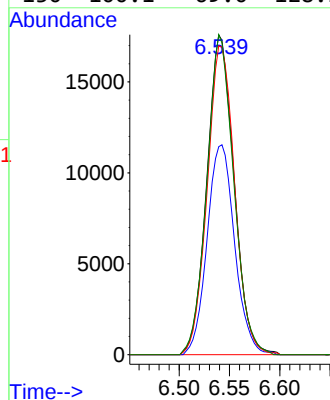
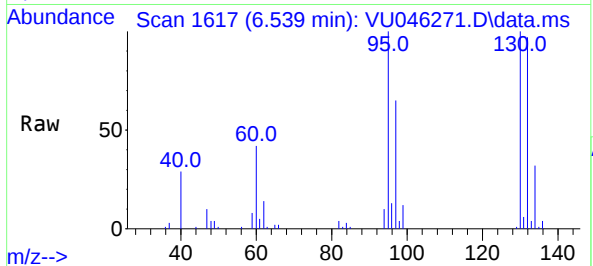




#34
Trichloroethene
Concen: 15.926 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU046271.D
Acq: 10 Dec 2021 17:30

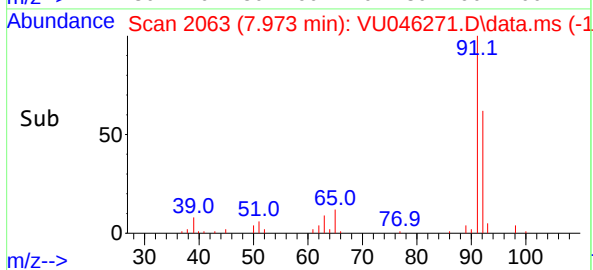
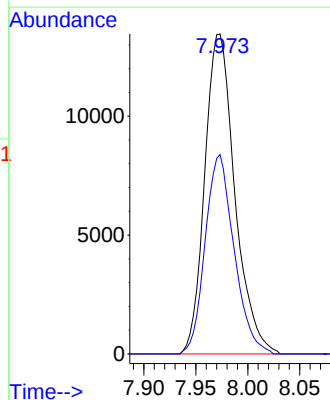
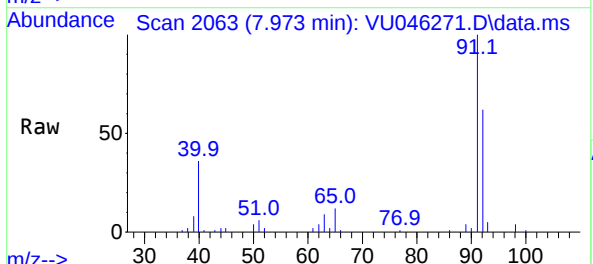
Instrument :
MSVOA_U
ClientSampleId :
EW9M7ME

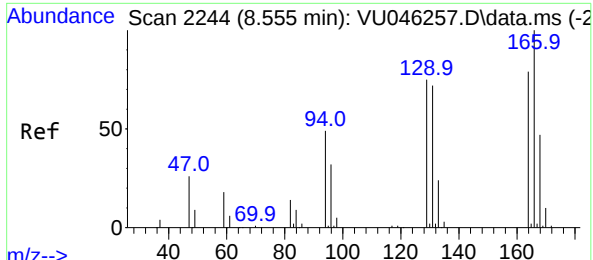
Tgt Ion: 95 Resp: 33169
Ion Ratio Lower Upper
95 100
97 65.1 44.1 81.9
132 96.6 66.8 124.0
130 100.1 69.0 128.1



#42
Toluene
Concen: 3.199 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU046271.D
Acq: 10 Dec 2021 17:30

Tgt Ion: 91 Resp: 27134
Ion Ratio Lower Upper
91 100
92 62.3 41.9 77.7

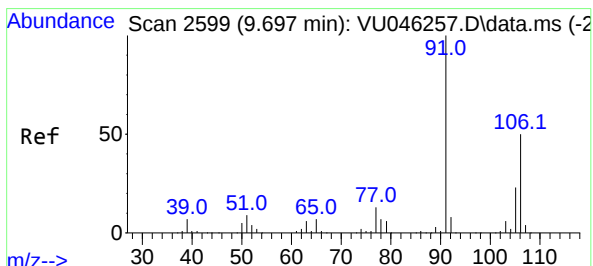
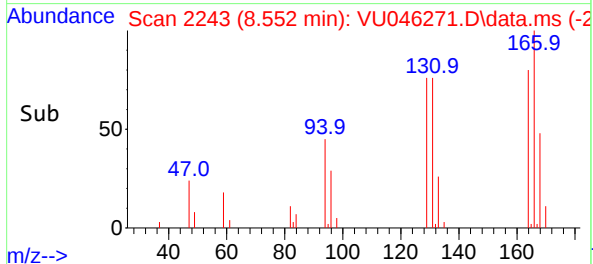
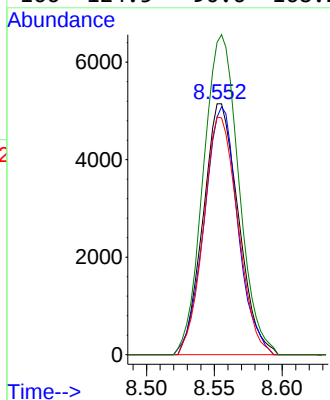
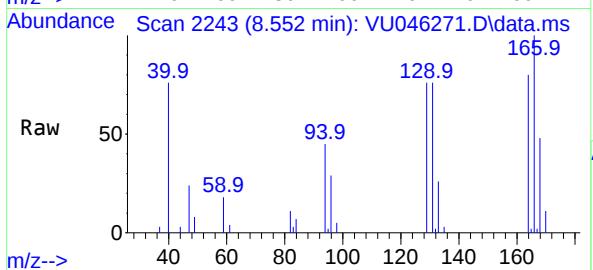




#46
Tetrachloroethene
Concen: 6.082 ug/L
RT: 8.552 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU046271.D
Acq: 10 Dec 2021 17:30

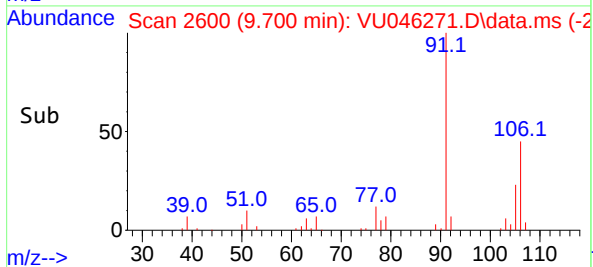
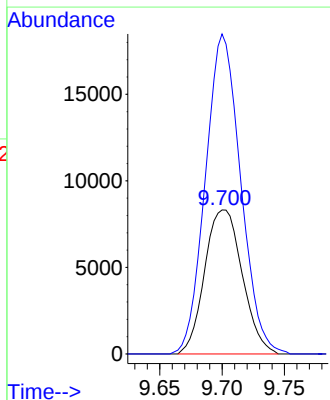
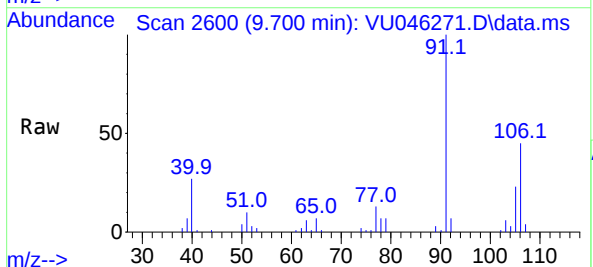
Instrument :
MSVOA_U
ClientSampleId :
EW9M7ME

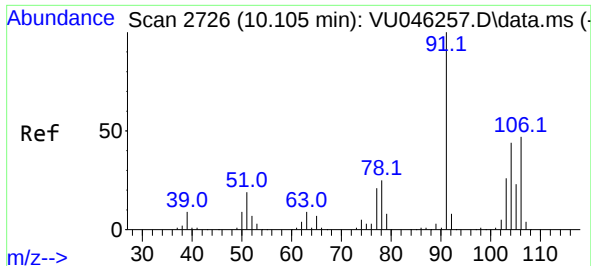
Tgt Ion:164 Resp: 9308
Ion Ratio Lower Upper
164 100
129 94.7 71.1 132.1
131 94.7 67.8 126.0
166 124.5 90.6 168.2



#53
m,p-Xylene
Concen: 4.904 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU046271.D
Acq: 10 Dec 2021 17:30

Tgt Ion:106 Resp: 17459
Ion Ratio Lower Upper
106 100
91 222.2 144.3 268.1

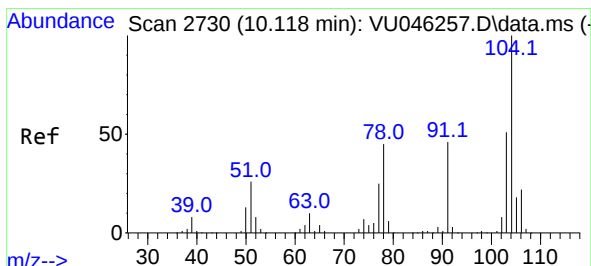
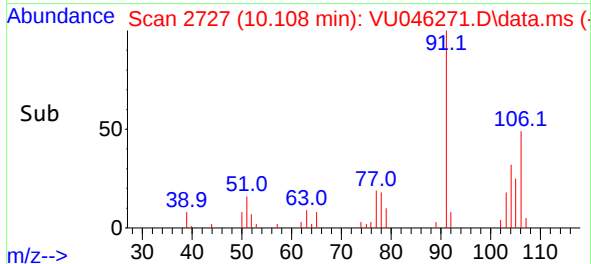
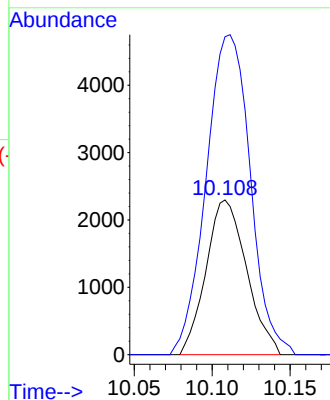
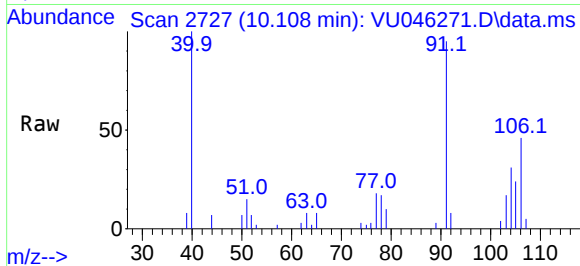




#54
o-xylene
Concen: 1.203 ug/L
RT: 10.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046271.D
Acq: 10 Dec 2021 17:30

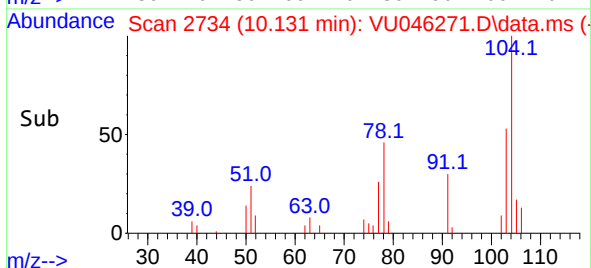
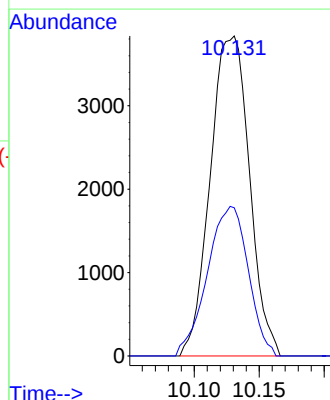
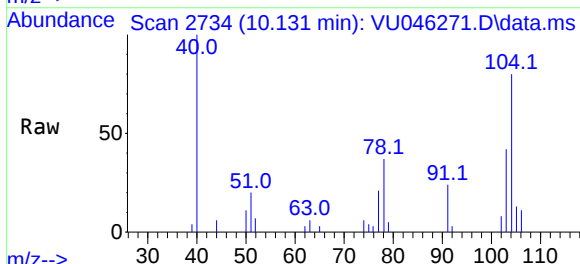
Instrument :
MSVOA_U
ClientSampleId :
EW9M7ME

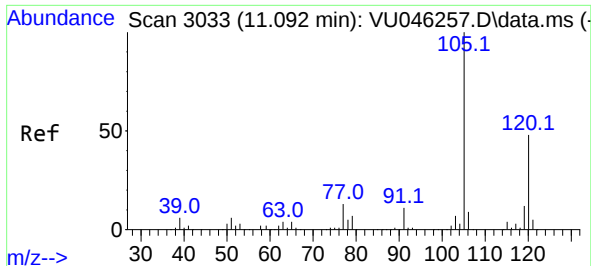
Tgt Ion:106 Resp: 4156
Ion Ratio Lower Upper
106 100
91 205.4 154.2 286.4



#55
Styrene
Concen: 1.365 ug/L
RT: 10.131 min Scan# 2734
Delta R.T. 0.013 min
Lab File: VU046271.D
Acq: 10 Dec 2021 17:30

Tgt Ion:104 Resp: 8051
Ion Ratio Lower Upper
104 100
78 46.3 32.6 60.5





#62

1,3,5-Trimethylbenzene

Concen: 3.861 ug/L

RT: 11.095 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VU046271.D

Acq: 10 Dec 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

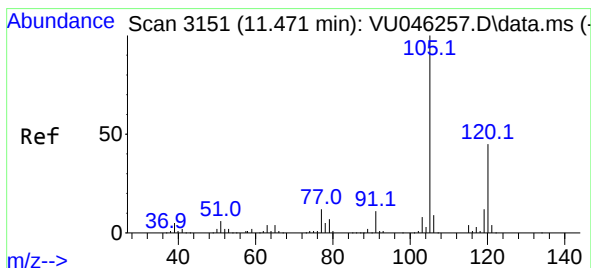
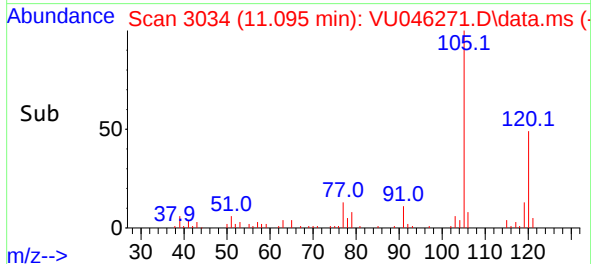
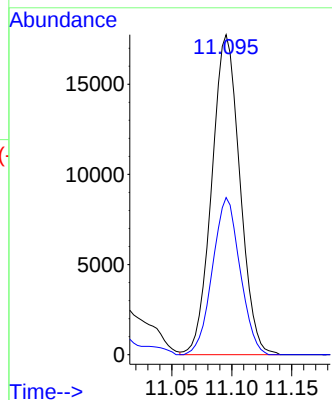
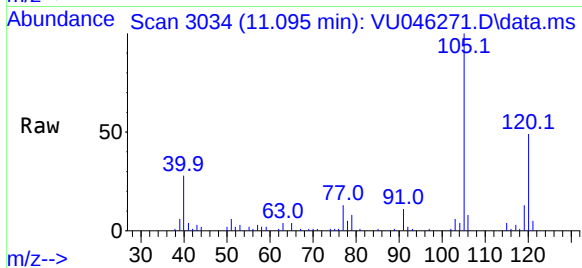
EW9M7ME

Tgt Ion:105 Resp: 28912

Ion Ratio Lower Upper

105 100

120 48.0 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 4.092 ug/L

RT: 11.475 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VU046271.D

Acq: 10 Dec 2021 17:30

Tgt Ion:105 Resp: 30654

Ion Ratio Lower Upper

105 100

120 44.6 35.2 52.8

