Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046173.D
Acq On : 08 Dec 2021 14:20
Operator : SY/MD
Sample : M4887-05ME
Misc : 5.33g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX8A2ME

Quant Time: Dec 09 03:19:50 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

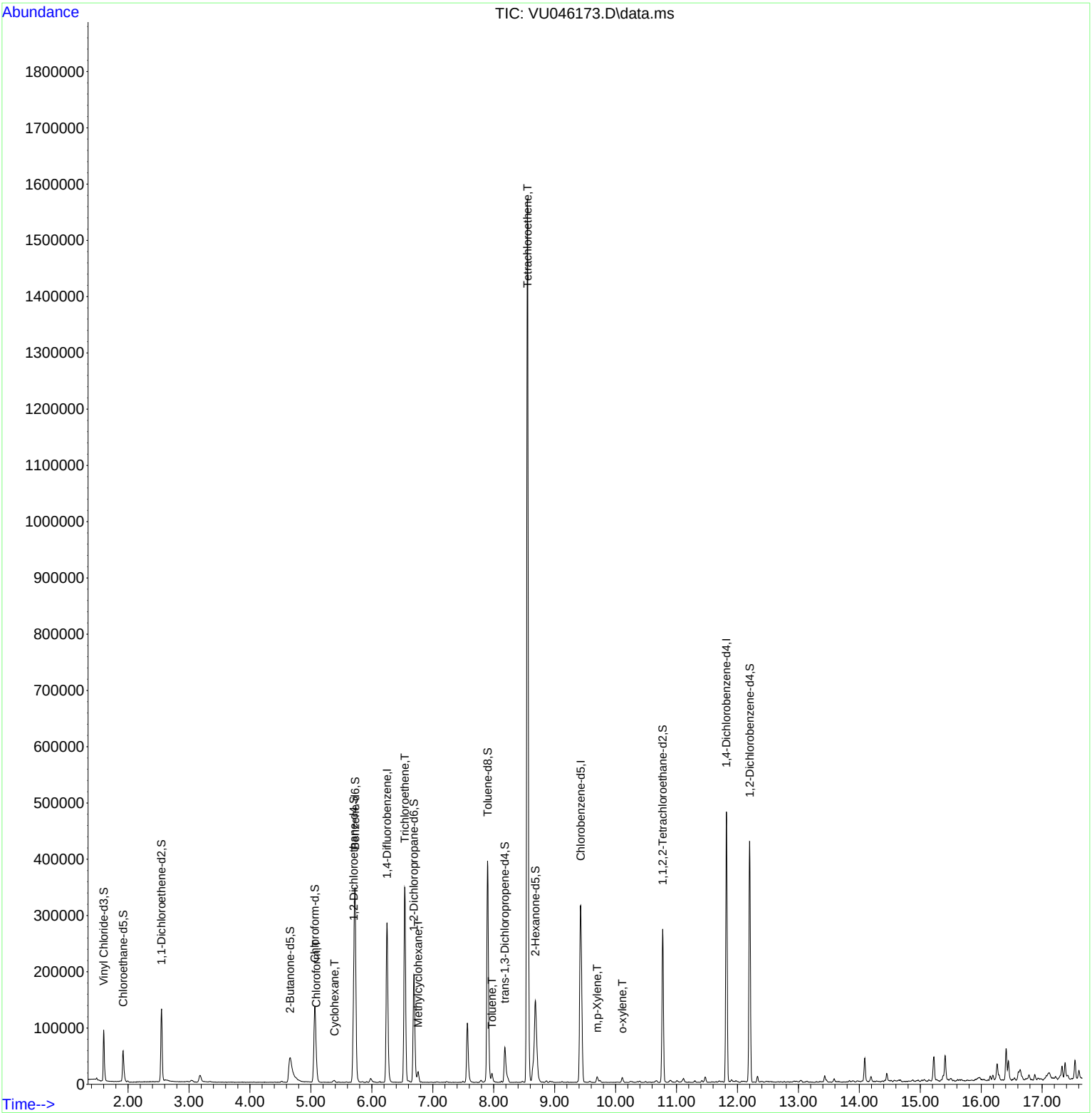
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	260417	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	253609	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	131596	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	74988	34.956	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 69.920%			
7) Chloroethane-d5	1.919	69	53674	32.588	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 65.180%#			
11) 1,1-Dichloroethene-d2	2.549	63	75806	19.685	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 39.360%#			
21) 2-Butanone-d5	4.658	46	115878	67.951	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 67.950%			
24) Chloroform-d	5.063	84	131114	36.600	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.200%			
26) 1,2-Dichloroethane-d4	5.703	65	97488	40.550	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.100%			
32) Benzene-d6	5.726	84	312062	42.931	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.860%			
36) 1,2-Dichloropropane-d6	6.690	67	98279	43.626	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.260%			
41) Toluene-d8	7.899	98	288556	43.600	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.200%			
43) trans-1,3-Dichloroprop...	8.182	79	49082	45.134	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.260%			
47) 2-Hexanone-d5	8.684	63	97935	91.690	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.690%			
56) 1,1,2,2-Tetrachloroeth...	10.774	84	138072	40.415	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery = 80.820%			
66) 1,2-Dichlorobenzene-d4	12.201	152	116686	46.043	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.080%			
Target Compounds						Qvalue
25) Chloroform	5.089	83	16163	4.199	ug/L	98
29) Cyclohexane	5.385	56	2005	0.679	ug/L #	88
34) Trichloroethene	6.539	95	119952	59.320	ug/L	98
35) Methylcyclohexane	6.761	83	8186	2.611	ug/L	99
42) Toluene	7.970	91	12925	1.569	ug/L	98
46) Tetrachloroethene	8.555	164	369637	248.744	ug/L	96
53) m,p-Xylene	9.697	106	3798	1.099	ug/L	94
54) o-xylene	10.111	106	2693	0.803	ug/L	88

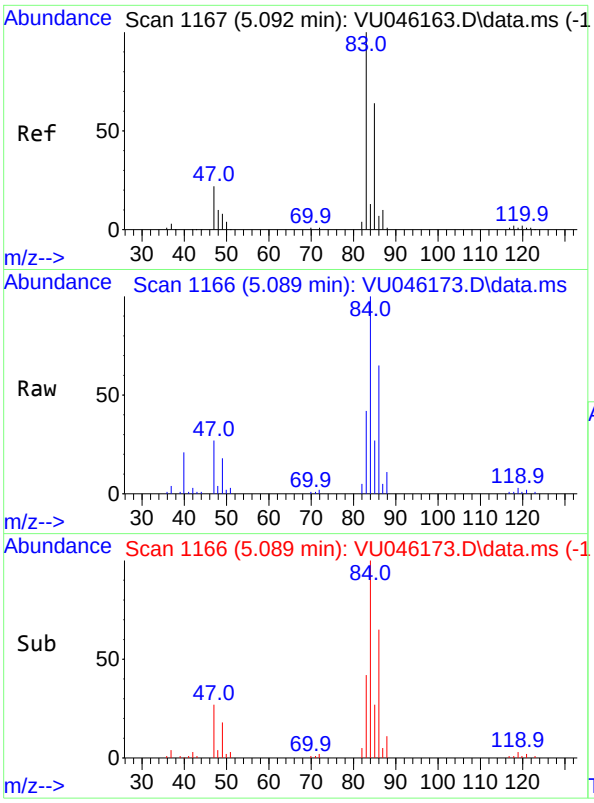
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046173.D
Acq On : 08 Dec 2021 14:20
Operator : SY/MD
Sample : M4887-05ME
Misc : 5.33g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX8A2ME

Quant Time: Dec 09 03:19:50 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



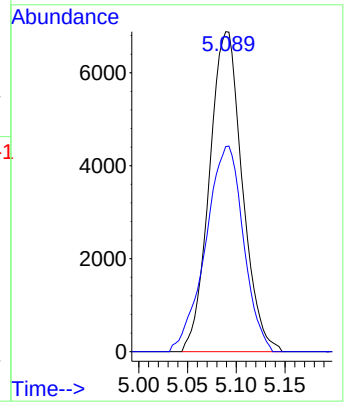


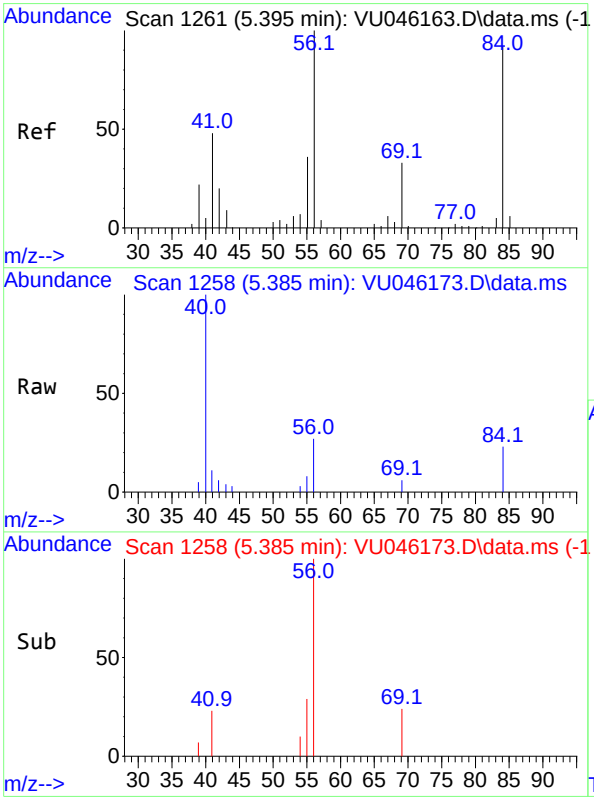
#25
Chloroform
Concen: 4.199 ug/L
RT: 5.089 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046173.D
Acq: 08 Dec 2021 14:20

Instrument :
MSVOA_U
ClientSampleId :
EX8A2ME

Tgt Ion: 83 Resp: 16163

Ion	Ratio	Lower	Upper
83	100		
85	64.1	45.8	85.2

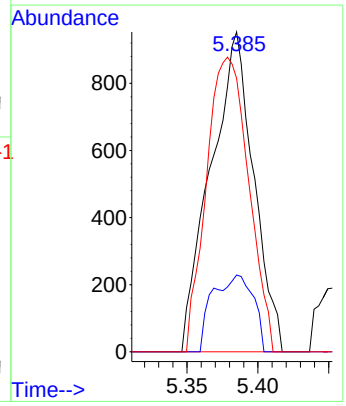


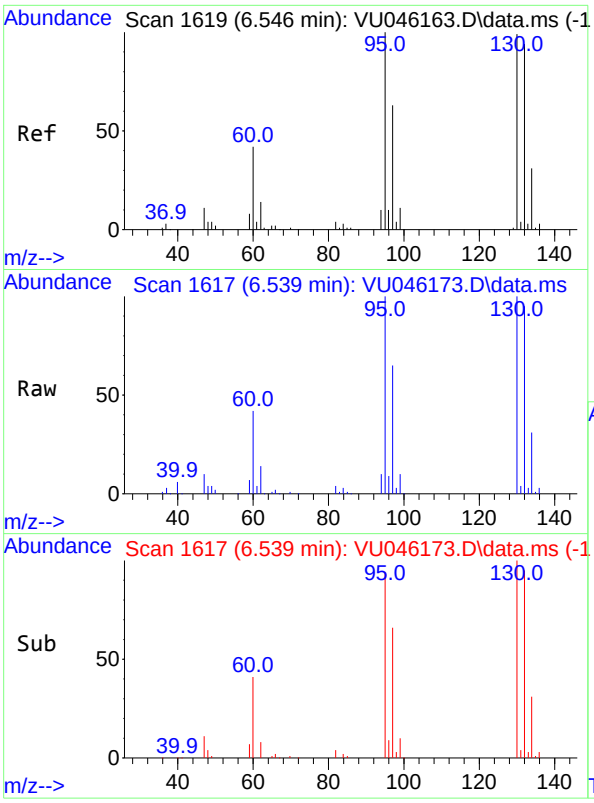


#29
Cyclohexane
Concen: 0.679 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU046173.D
Acq: 08 Dec 2021 14:20

Tgt Ion: 56 Resp: 2005

Ion	Ratio	Lower	Upper
56	100		
69	8.1	25.2	37.8#
84	90.6	73.3	109.9



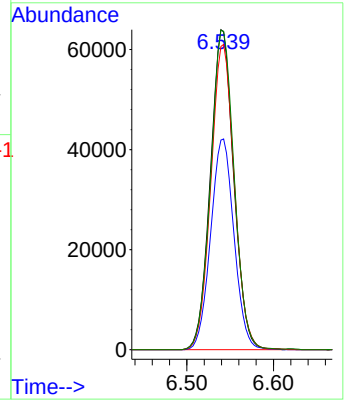


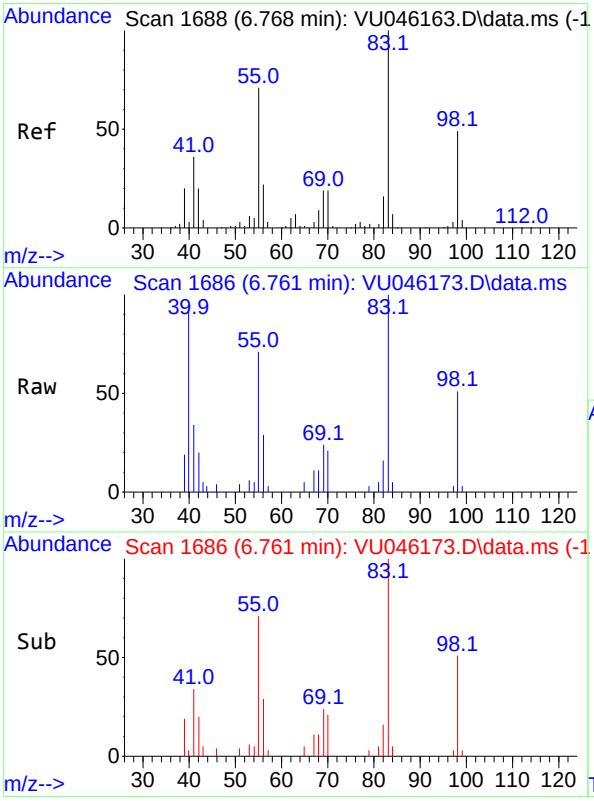
#34
Trichloroethene
Concen: 59.320 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU046173.D
Acq: 08 Dec 2021 14:20

Instrument :
MSVOA_U
ClientSampleId :
EX8A2ME

Tgt Ion: 95 Resp: 119952

Ion	Ratio	Lower	Upper
95	100		
97	65.5	44.1	81.9
132	94.7	66.8	124.0
130	99.9	69.0	128.1

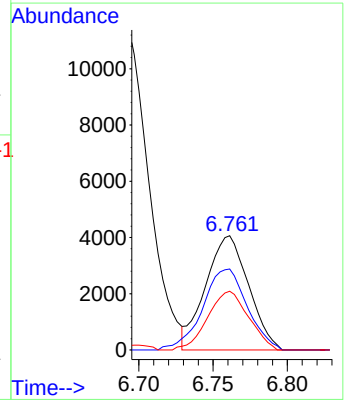


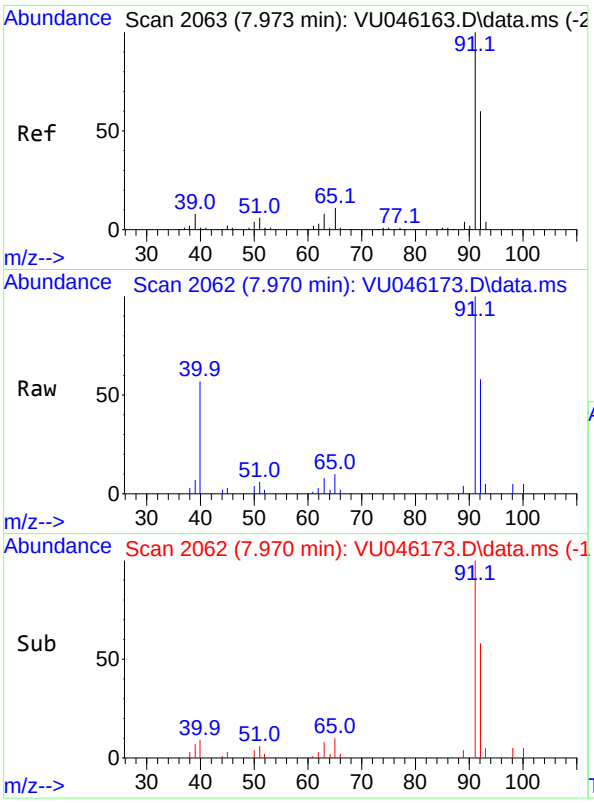


#35
Methylcyclohexane
Concen: 2.611 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VU046173.D
Acq: 08 Dec 2021 14:20

Tgt Ion: 83 Resp: 8186

Ion	Ratio	Lower	Upper
83	100		
55	73.4	57.8	86.6
98	48.7	38.4	57.6



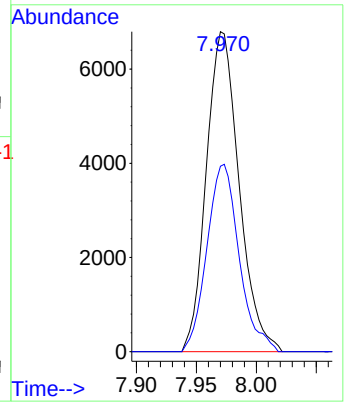


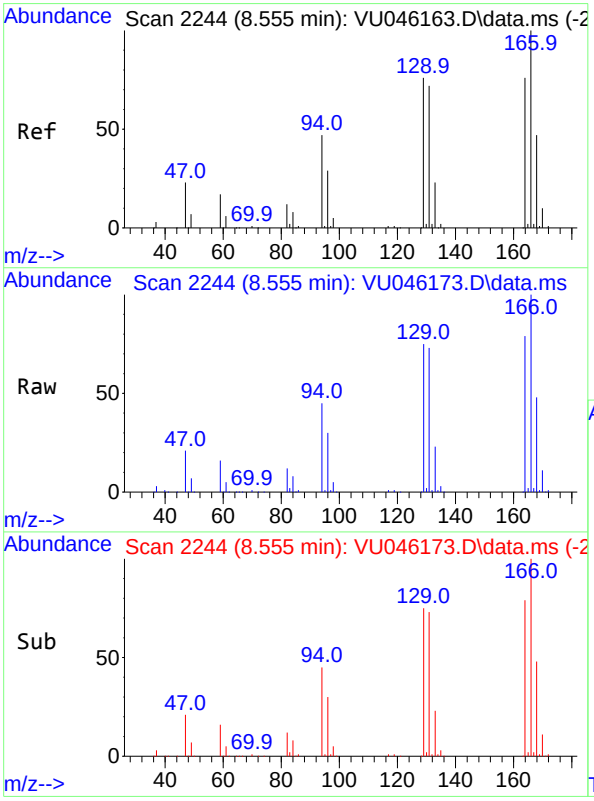
#42
Toluene
Concen: 1.569 ug/L
RT: 7.970 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU046173.D
Acq: 08 Dec 2021 14:20

Instrument :
MSVOA_U
ClientSampleId :
EX8A2ME

Tgt Ion: 91 Resp: 12925

Ion	Ratio	Lower	Upper
91	100		
92	58.0	41.9	77.7

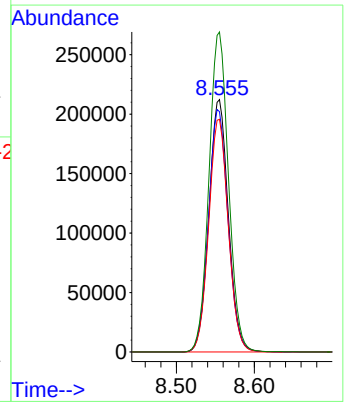


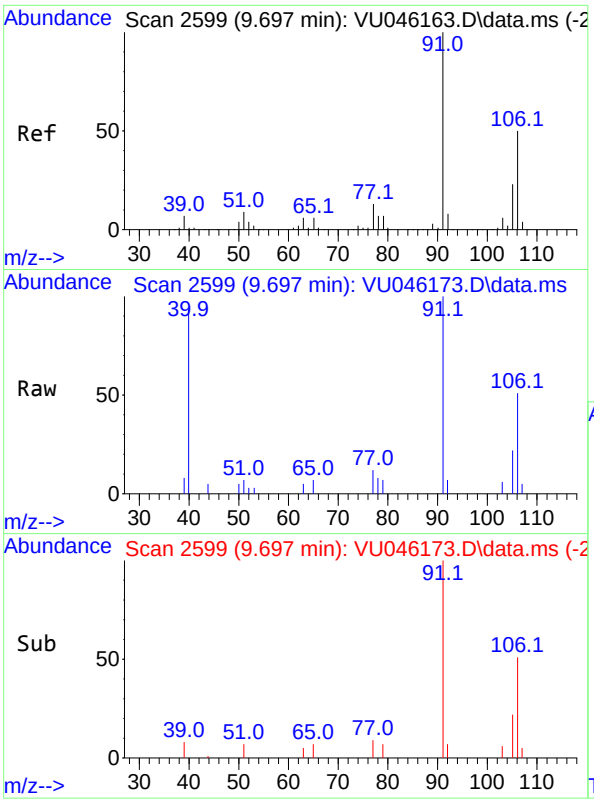


#46
Tetrachloroethene
Concen: 248.744 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046173.D
Acq: 08 Dec 2021 14:20

Tgt Ion:164 Resp: 369637

Ion	Ratio	Lower	Upper
164	100		
129	95.3	71.1	132.1
131	92.2	67.8	126.0
166	126.8	90.6	168.2



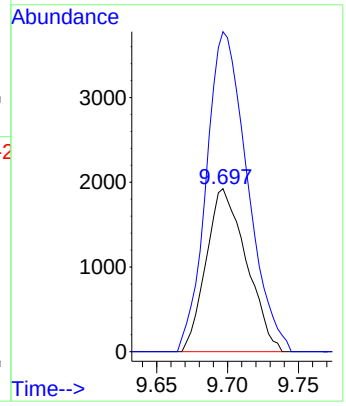


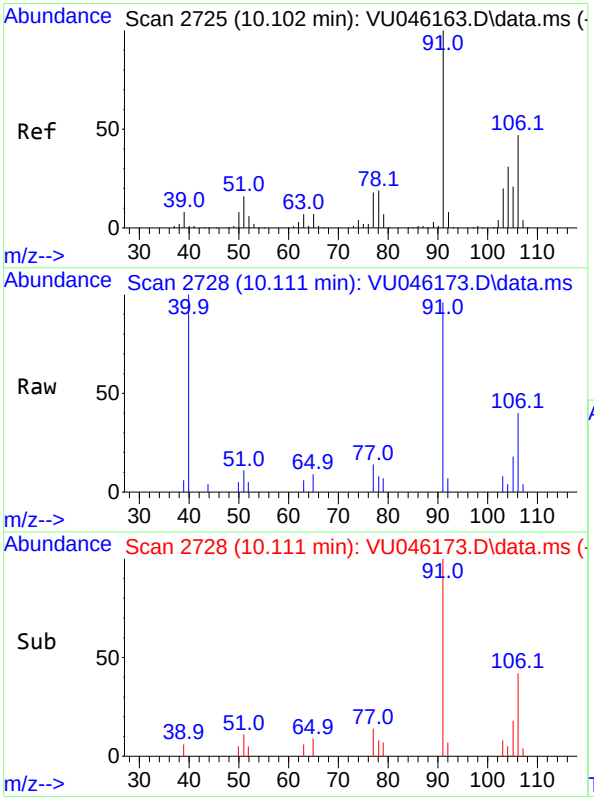
#53
m,p-Xylene
Concen: 1.099 ug/L
RT: 9.697 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU046173.D
Acq: 08 Dec 2021 14:20

Instrument :
MSVOA_U
ClientSampleId :
EX8A2ME

Tgt Ion:106 Resp: 3798

Ion	Ratio	Lower	Upper
106	100		
91	196.3	144.3	268.1





#54
o-xylene
Concen: 0.803 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.006 min
Lab File: VU046173.D
Acq: 08 Dec 2021 14:20

Tgt Ion:106 Resp: 2693

Ion	Ratio	Lower	Upper
106	100		
91	238.9	154.2	286.4