Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
Data File : VU056514.D
Acq On : 19 Nov 2023 05:45
Operator : MD/SY
Sample : 05455-06
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E05M0

Quant Time: Nov 20 00:32:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 18 00:12:04 2023
Response via : Initial Calibration

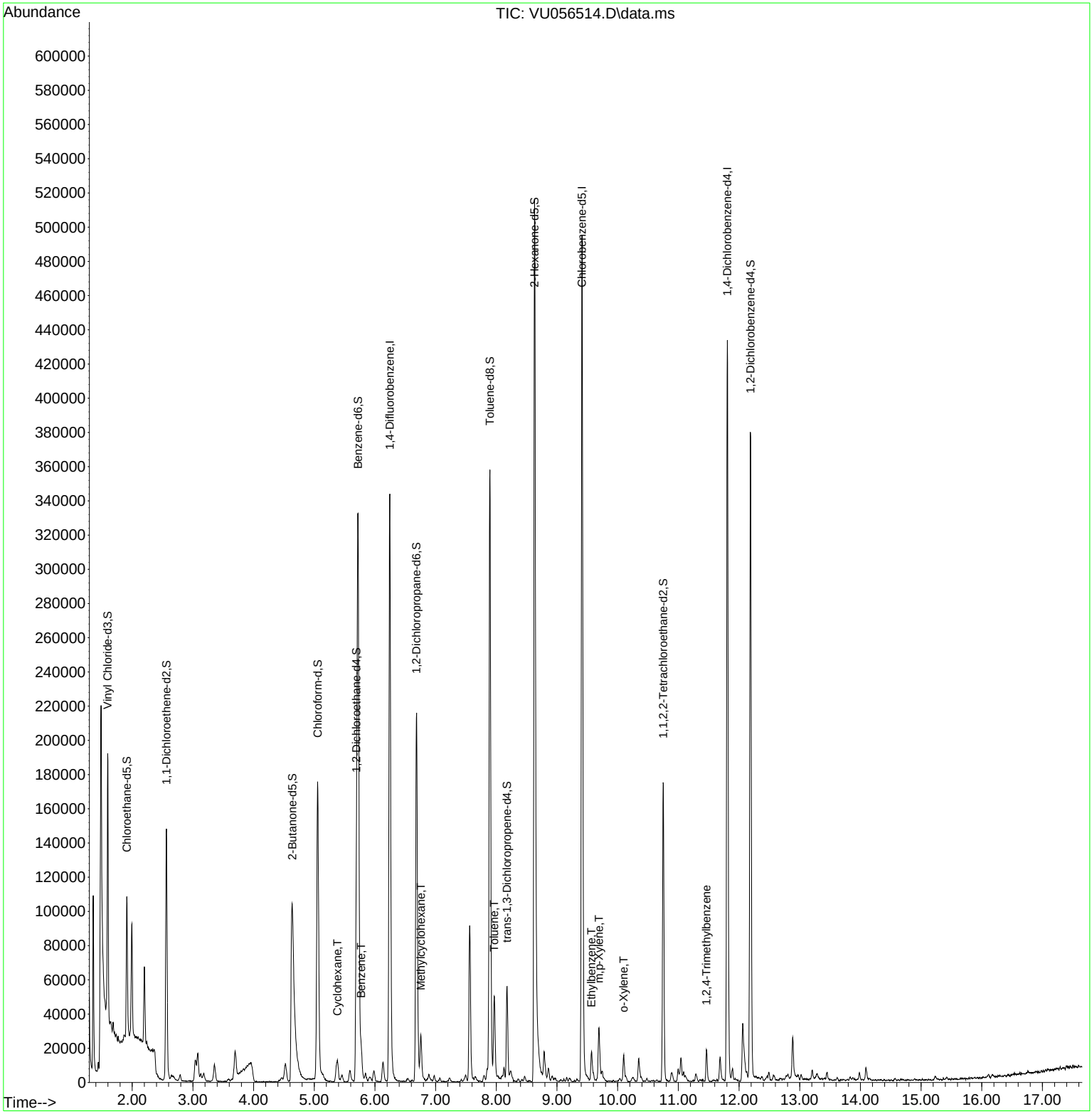
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	280212	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	282612	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	116477	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54273	2.589	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 51.800%			
7) Chloroethane-d5	1.911	69	60805	3.784	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.600%			
11) 1,1-Dichloroethene-d2	2.563	65	27995	3.027	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.600%			
20) 2-Butanone-d5	4.637	46	238572	57.085	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.180%			
24) Chloroform-d	5.055	84	165803	4.090	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.800%			
26) 1,2-Dichloroethane-d4	5.695	65	91110	4.864	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.200%			
32) Benzene-d6	5.721	84	311188	3.696	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 74.000%			
36) 1,2-Dichloropropane-d6	6.682	67	107363	4.231	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.600%			
41) Toluene-d8	7.894	98	249774	3.359	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.200%#			
43) trans-1,3-Dichloroprop...	8.174	79	35654	3.663	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.200%			
46) 2-Hexanone-d5	8.631	63	187335	48.979	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.960%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	88585	4.885	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.800%			
66) 1,2-Dichlorobenzene-d4	12.190	152	98320	4.569	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.400%			
Target Compounds						Qvalue
30) Cyclohexane	5.380	56	5946	0.193	ug/L	89
33) Benzene	5.772	78	17339	0.215	ug/L	100
35) Methylcyclohexane	6.756	83	10231	0.323	ug/L	99
42) Toluene	7.965	91	37954	0.455	ug/L	100
52) Ethylbenzene	9.570	91	13104	0.141	ug/L	94
53) m,p-Xylene	9.692	106	9530	0.280	ug/L	98
54) o-Xylene	10.097	106	4478	0.135	ug/L	77
63) 1,2,4-Trimethylbenzene	11.463	105	10263	0.169	ug/L	95

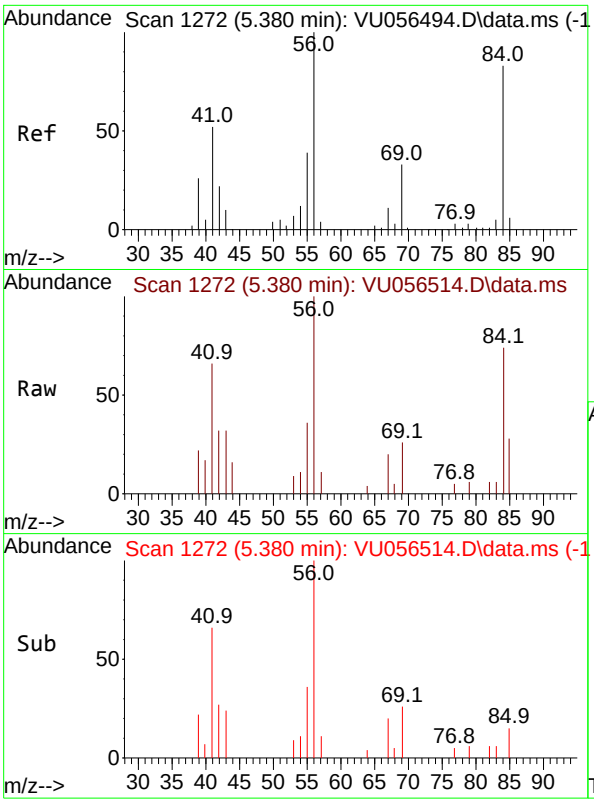
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
Data File : VU056514.D
Acq On : 19 Nov 2023 05:45
Operator : MD/SY
Sample : 05455-06
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E05M0

Quant Time: Nov 20 00:32:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 18 00:12:04 2023
Response via : Initial Calibration



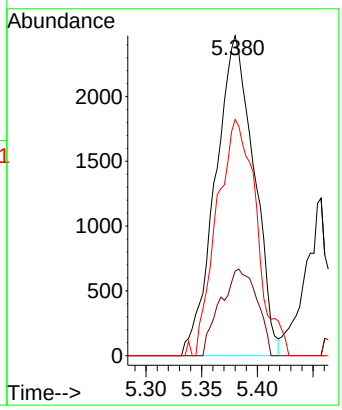


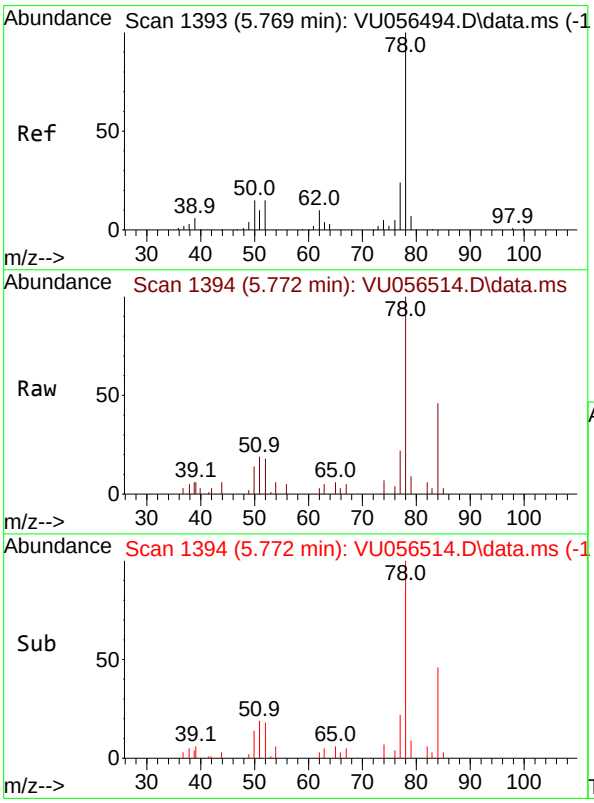
#30
Cyclohexane
Concen: 0.193 ug/L
RT: 5.380 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU056514.D
Acq: 19 Nov 2023 05:45

Instrument :
MSVOA_U
ClientSampleId :
E05M0

Tgt Ion: 56 Resp: 5946

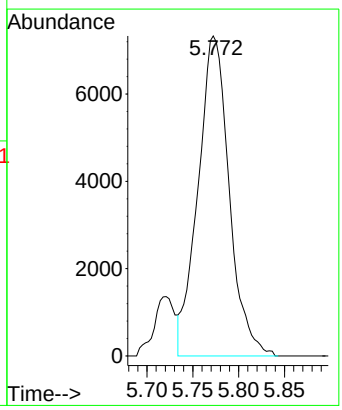
Ion	Ratio	Lower	Upper
56	100		
69	25.7	25.4	38.2
84	75.8	68.6	103.0

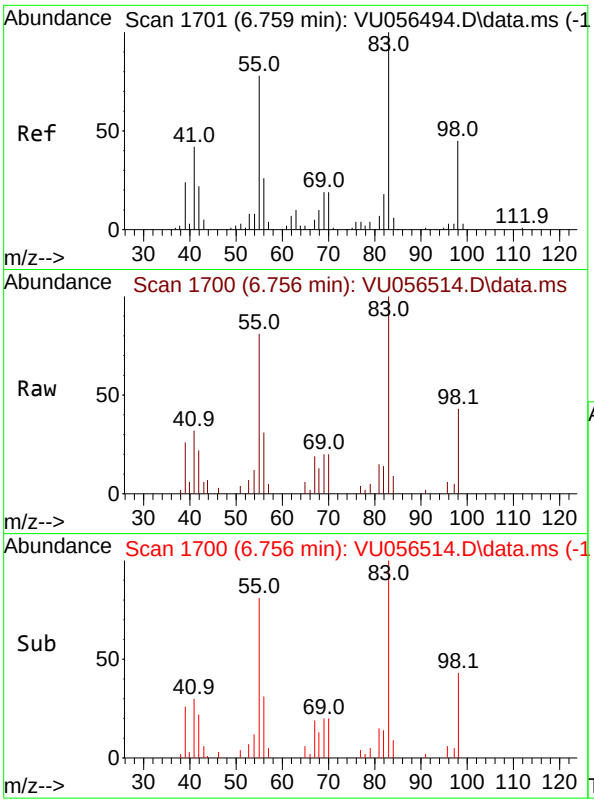




#33
Benzene
Concen: 0.215 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU056514.D
Acq: 19 Nov 2023 05:45

Tgt Ion: 78 Resp: 17339



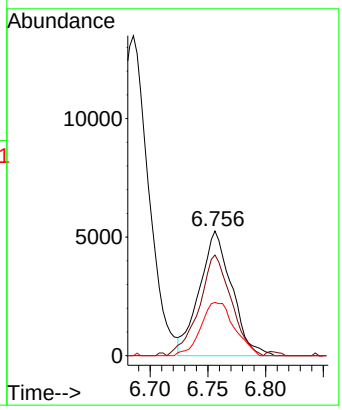


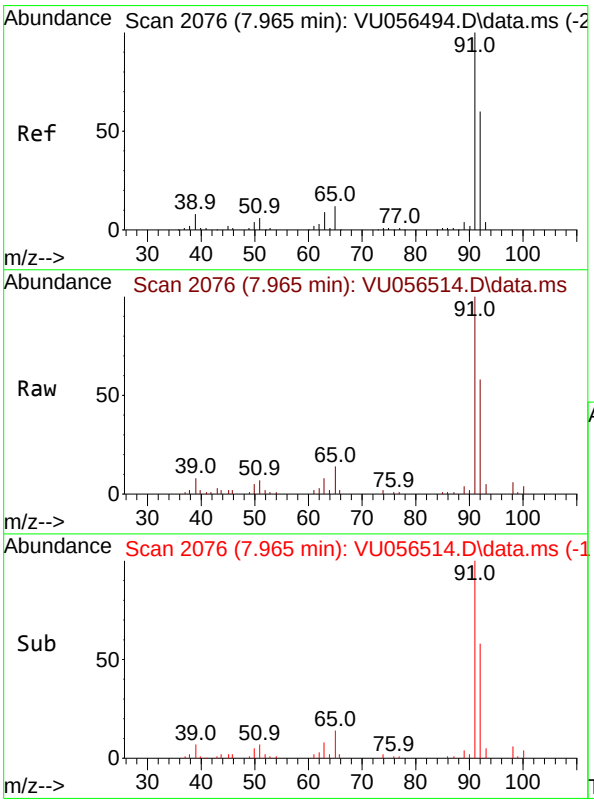
#35
Methylcyclohexane
Concen: 0.323 ug/L
RT: 6.756 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU056514.D
Acq: 19 Nov 2023 05:45

Instrument :
MSVOA_U
ClientSampleId :
E05M0

Tgt Ion: 83 Resp: 10231

Ion	Ratio	Lower	Upper
83	100		
55	79.9	62.9	94.3
98	44.3	35.3	52.9

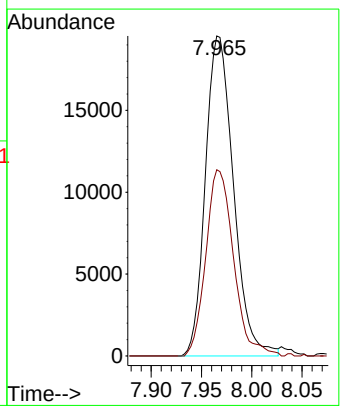


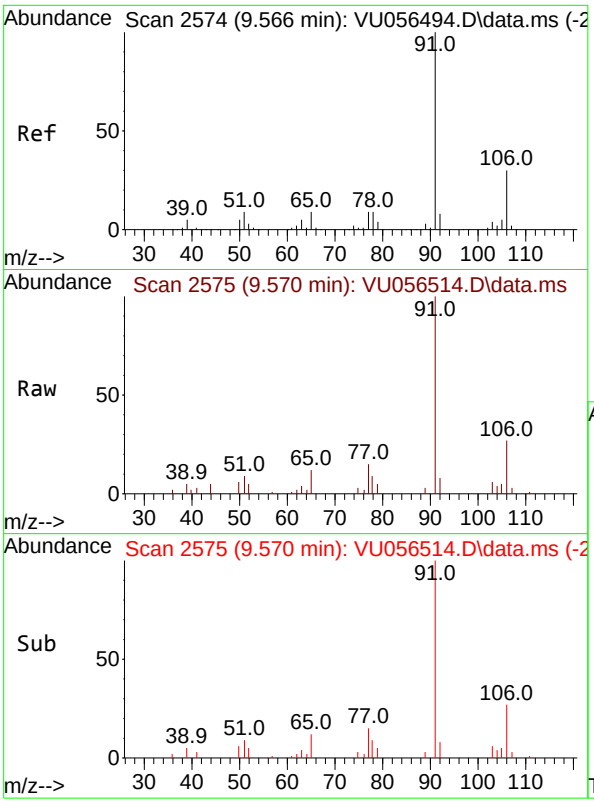


#42
Toluene
Concen: 0.455 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU056514.D
Acq: 19 Nov 2023 05:45

Tgt Ion: 91 Resp: 37954

Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.6	75.4



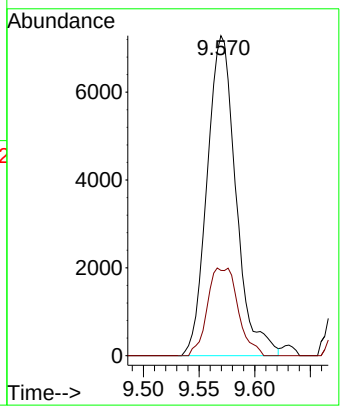


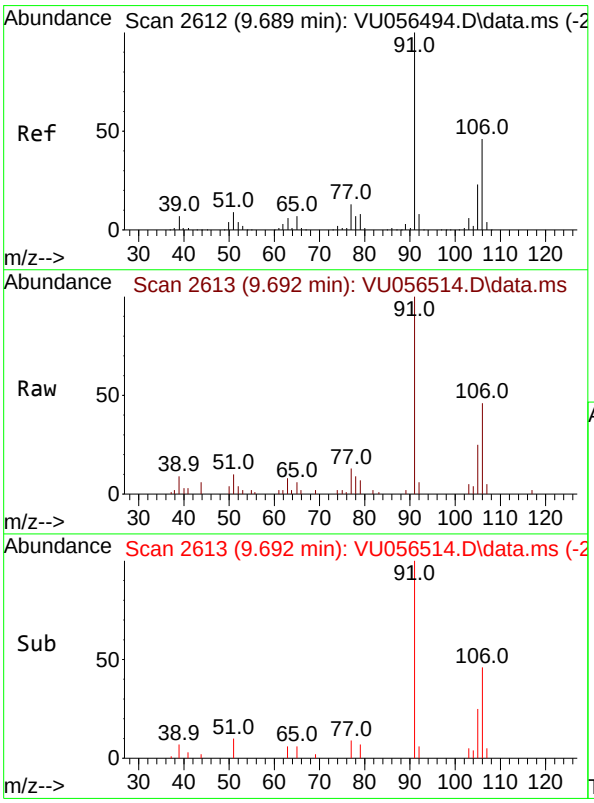
#52
Ethylbenzene
Concen: 0.141 ug/L
RT: 9.570 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU056514.D
Acq: 19 Nov 2023 05:45

Instrument :
MSVOA_U
ClientSampleId :
E05M0

Tgt Ion: 91 Resp: 13104

Ion	Ratio	Lower	Upper
91	100		
106	26.7	21.1	39.1

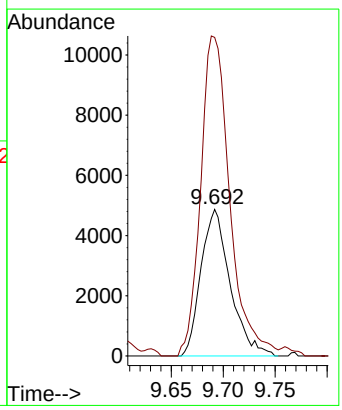


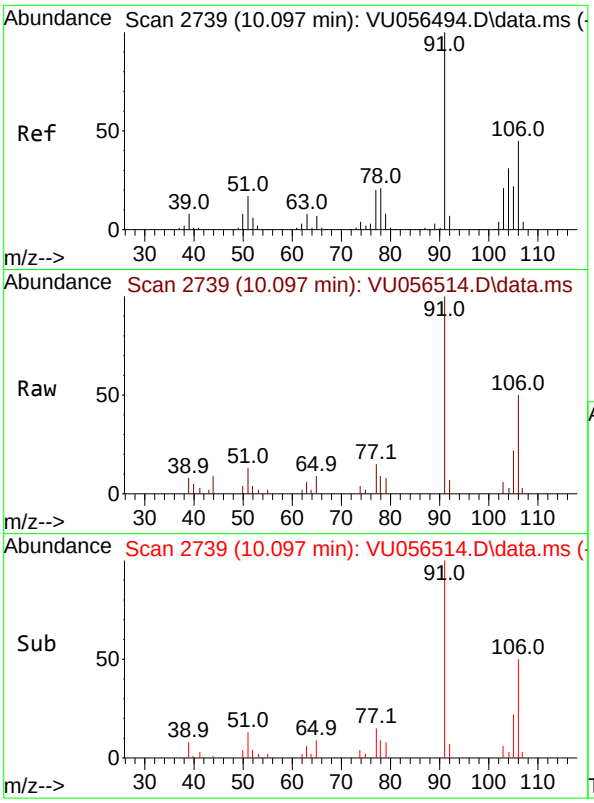


#53
m,p-Xylene
Concen: 0.280 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU056514.D
Acq: 19 Nov 2023 05:45

Tgt Ion:106 Resp: 9530

Ion	Ratio	Lower	Upper
106	100		
91	217.3	149.6	277.8



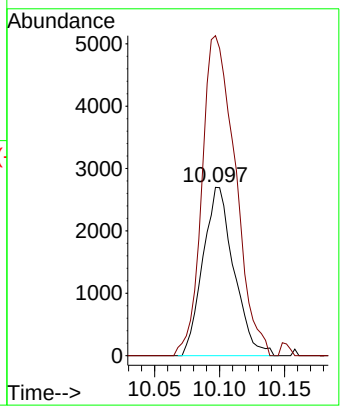


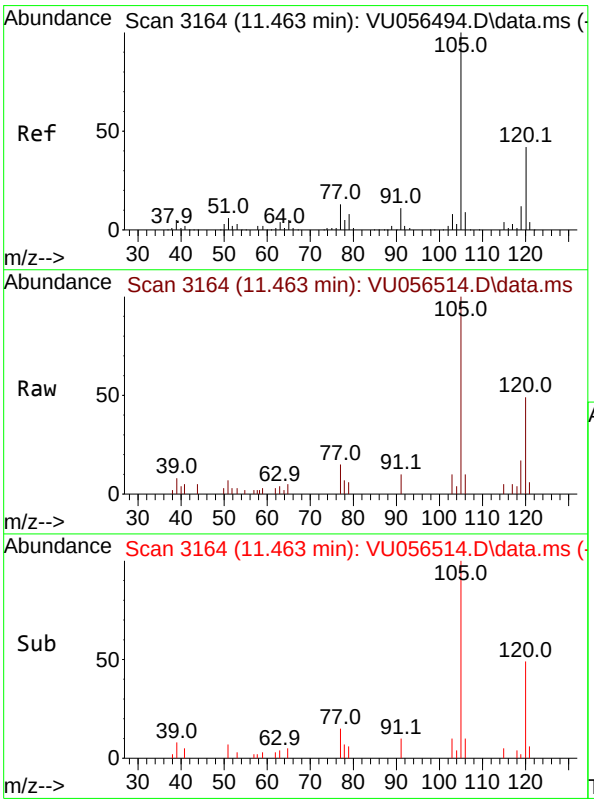
#54
o-Xylene
Concen: 0.135 ug/L
RT: 10.097 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU056514.D
Acq: 19 Nov 2023 05:45

Instrument :
MSVOA_U
ClientSampleId :
E05M0

Tgt Ion:106 Resp: 4478

Ion	Ratio	Lower	Upper
106	100		
91	190.1	159.3	295.9





#63
1,2,4-Trimethylbenzene
Concen: 0.169 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU056514.D
Acq: 19 Nov 2023 05:45

Tgt Ion:105 Resp: 10263

Ion	Ratio	Lower	Upper
105	100		
120	45.6	34.0	51.0