Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060198.D
Acq On : 26 Jul 2024 02:13
Operator : MD/SY
Sample : P3370-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 26 05:11:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 04:34:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	215499	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	225221	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96203	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	69457	50.198	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.400%			
7) Chloroethane-d5	1.907	69	56370	48.435	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.880%			
11) 1,1-Dichloroethene-d2	2.560	63	80894	32.909	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.820%			
21) 2-Butanone-d5	4.621	46	88170	91.693	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.690%			
24) Chloroform-d	5.055	84	111970	41.788	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.580%			
26) 1,2-Dichloroethane-d4	5.695	65	68944	43.274	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.540%			
32) Benzene-d6	5.718	84	231027	40.058	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.120%			
36) 1,2-Dichloropropane-d6	6.682	67	77171	43.234	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.460%			
41) Toluene-d8	7.891	98	221400	40.368	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.740%			
43) trans-1,3-Dichloroprop...	8.174	79	32440	38.839	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.680%			
47) 2-Hexanone-d5	8.627	63	57447	76.367	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 76.370%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	111129	40.563	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 81.120%			
66) 1,2-Dichlorobenzene-d4	12.187	152	70650	39.964	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.920%#			
Target Compounds						Qvalue
13) Acetone	2.628	43	40757	41.162	ug/L	97
22) 2-Butanone	4.695	43	251484	206.432	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	835255	394.769	ug/L	98
42) Toluene	7.965	91	25080	3.777	ug/L	94
53) m,p-Xylene	9.685	106	17859	6.469	ug/L	99
54) o-Xylene	10.097	106	7673	2.890	ug/L	97
61) Isopropylbenzene	11.287	105	12679	2.261	ug/L	93
62) 1,3,5-Trimethylbenzene	11.084	105	9814	2.391	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	44803	10.189	ug/L	97

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

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ClientSampleId :

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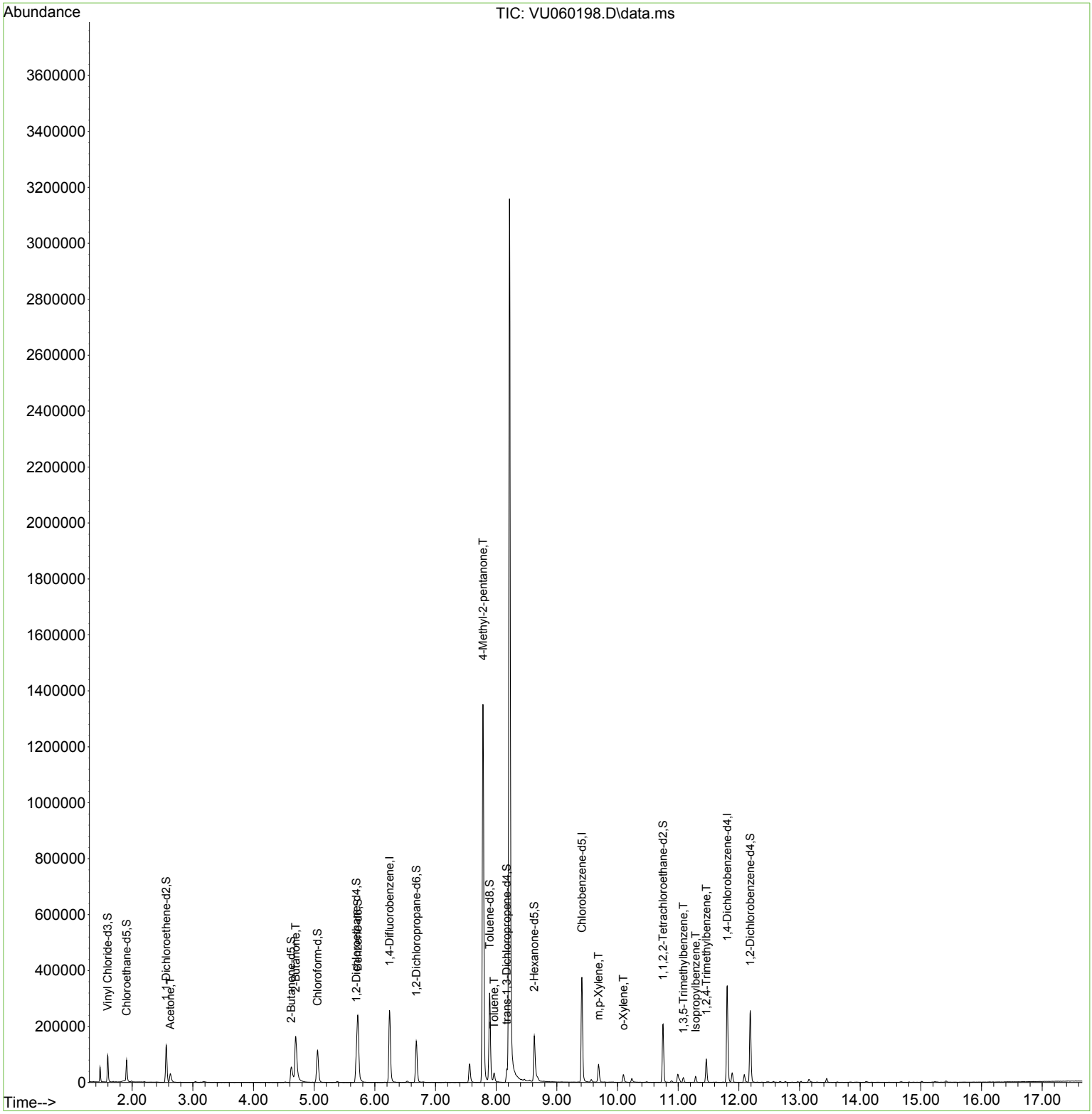
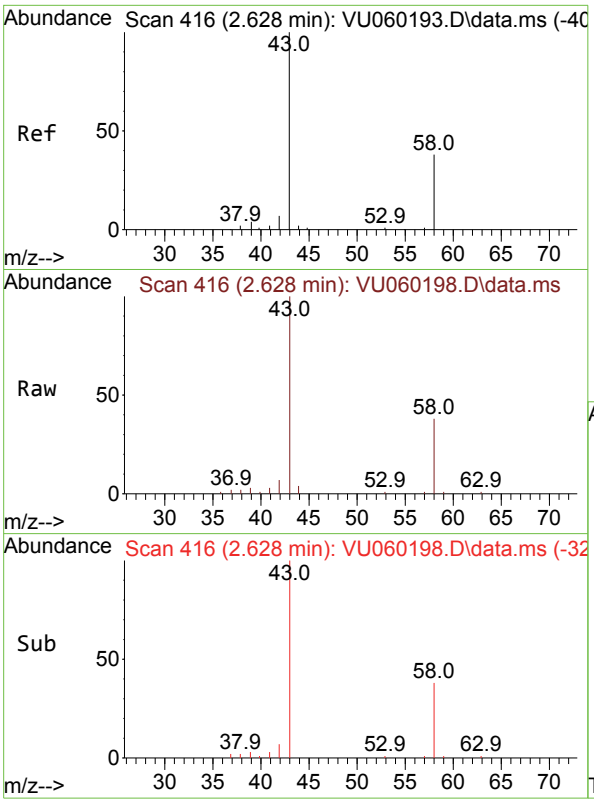
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 04:34:35 2024
Response via : Initial Calibration



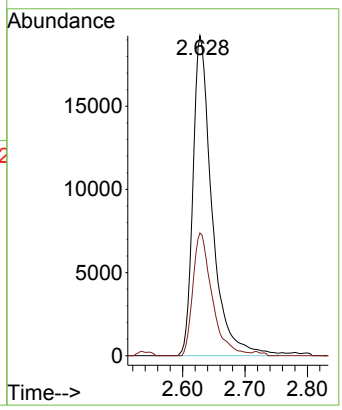


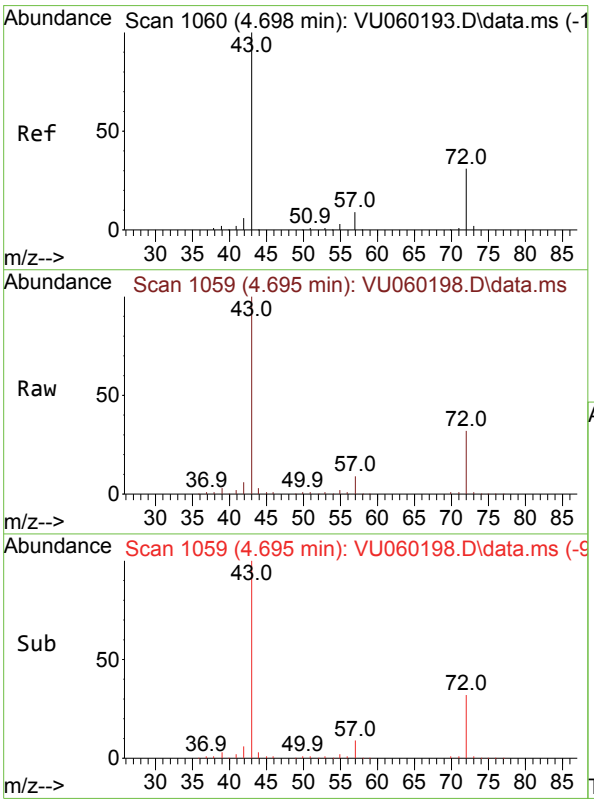
#13
Acetone
Concen: 41.162 ug/L
RT: 2.628 min Scan# 4
Delta R.T. 0.000 min
Lab File: VU060198.D
Acq: 26 Jul 2024 02:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 40757

Ion	Ratio	Lower	Upper
43	100		
58	38.8	0.0	73.8

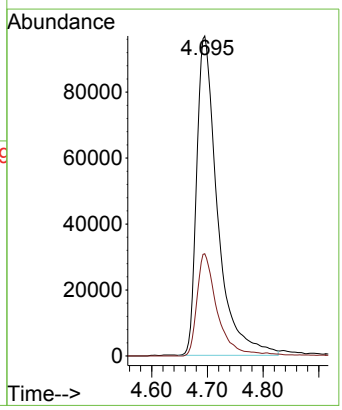


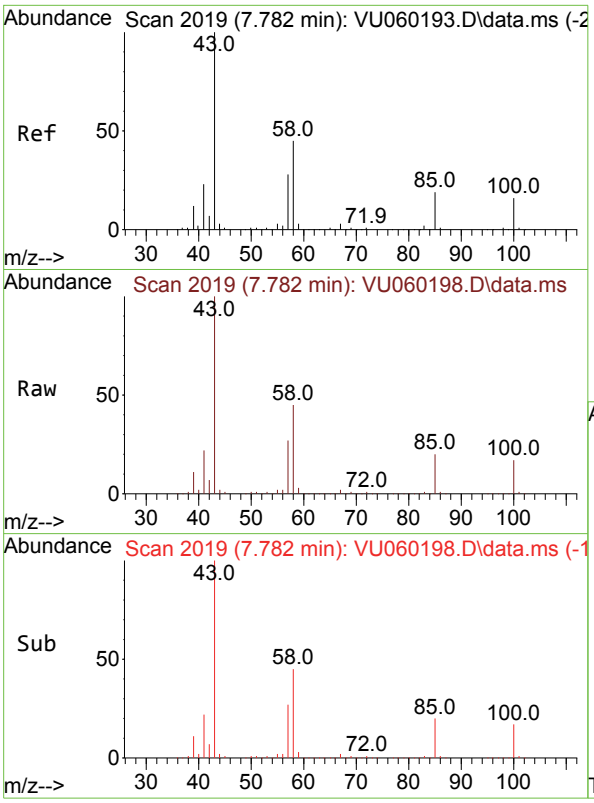


#22
2-Butanone
Concen: 206.432 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.003 min
Lab File: VU060198.D
Acq: 26 Jul 2024 02:13

Tgt Ion: 43 Resp: 251484

Ion	Ratio	Lower	Upper
43	100		
72	30.7	16.4	49.2



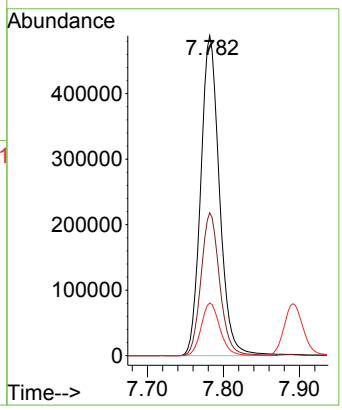


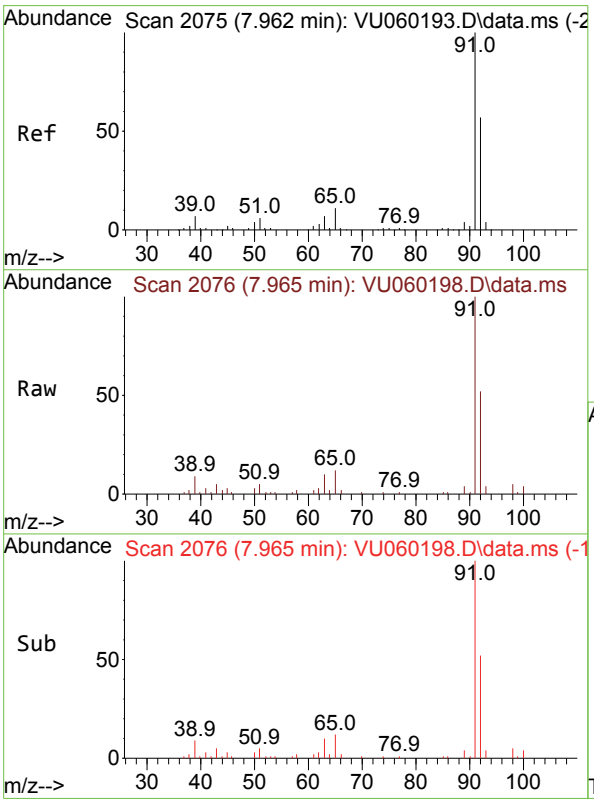
#40
4-Methyl-2-pentanone
Concen: 394.769 ug/L
RT: 7.782 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU060198.D
Acq: 26 Jul 2024 02:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 835255

Ion	Ratio	Lower	Upper
43	100		
58	44.6	35.3	52.9
100	16.5	14.6	22.0

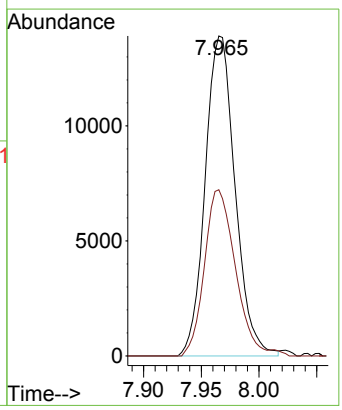


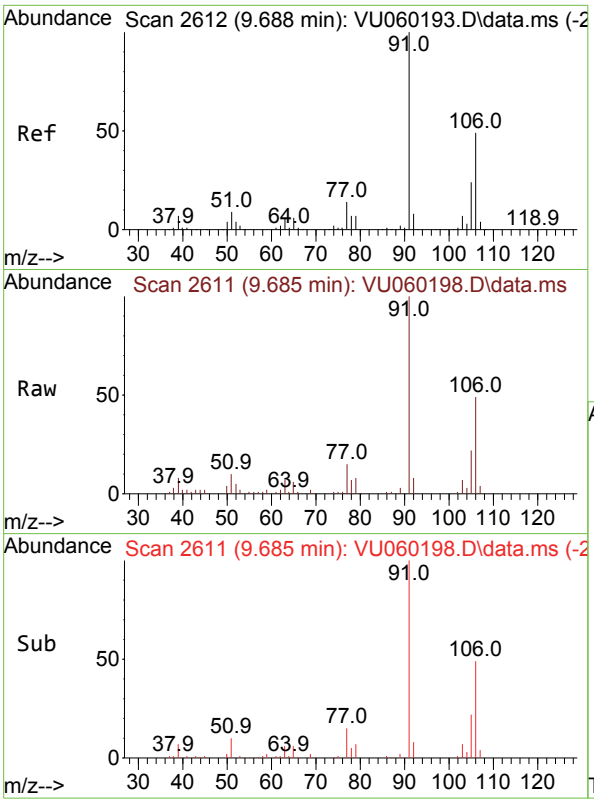


#42
Toluene
Concen: 3.777 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060198.D
Acq: 26 Jul 2024 02:13

Tgt Ion: 91 Resp: 25080

Ion	Ratio	Lower	Upper
91	100		
92	51.9	39.3	72.9



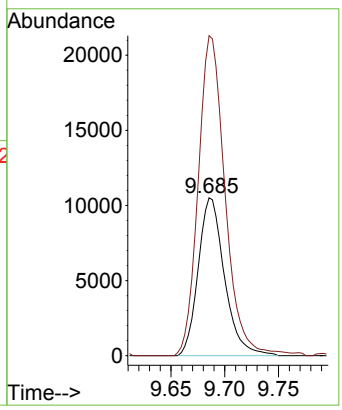


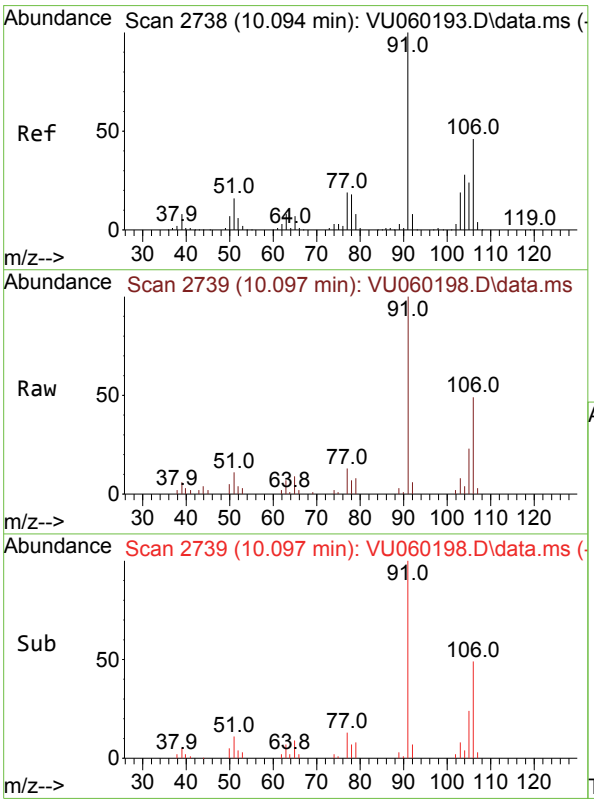
#53
m,p-Xylene
Concen: 6.469 ug/L
RT: 9.685 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU060198.D
Acq: 26 Jul 2024 02:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 17859

Ion	Ratio	Lower	Upper
106	100		
91	202.6	140.9	261.7

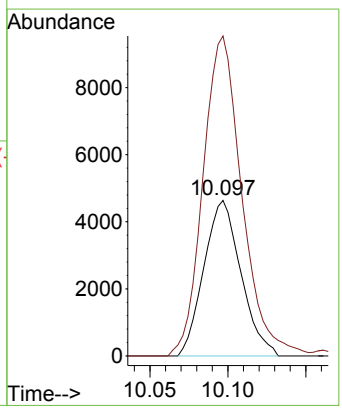


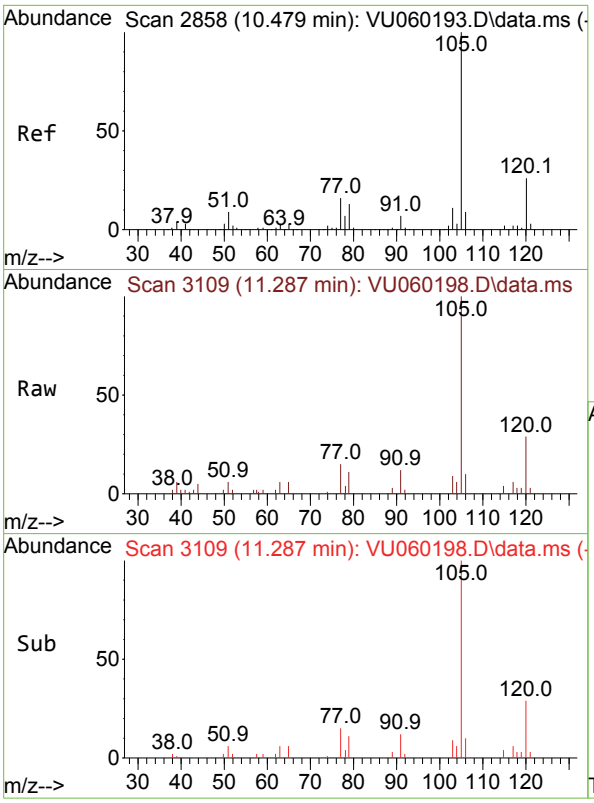


#54
o-Xylene
Concen: 2.890 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU060198.D
Acq: 26 Jul 2024 02:13

Tgt Ion:106 Resp: 7673

Ion	Ratio	Lower	Upper
106	100		
91	205.6	147.4	273.8



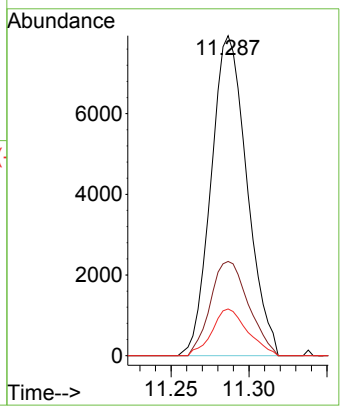


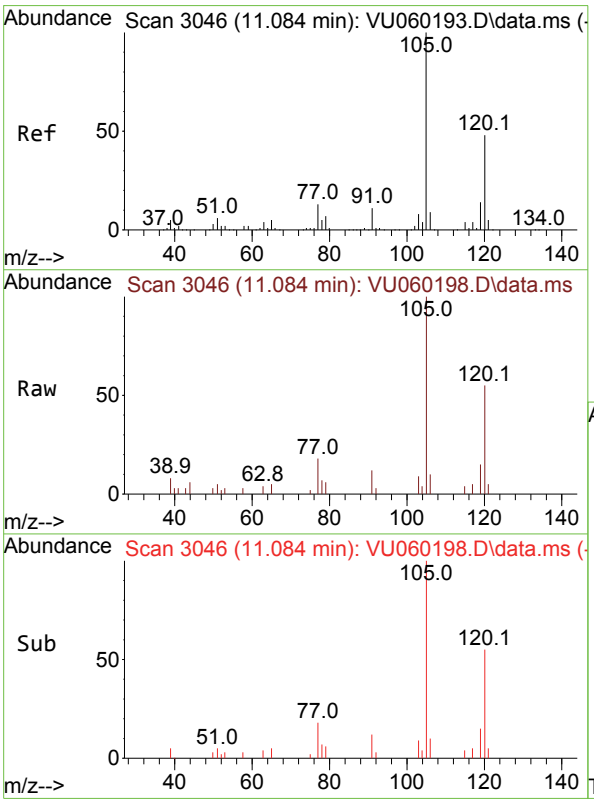
#61
Isopropylbenzene
Concen: 2.261 ug/L
RT: 11.287 min Scan# 3
Delta R.T. 0.807 min
Lab File: VU060198.D
Acq: 26 Jul 2024 02:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 12679

Ion	Ratio	Lower	Upper
105	100		
120	31.2	20.9	31.3
77	14.5	12.1	18.1

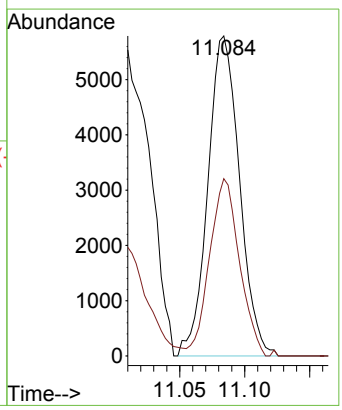


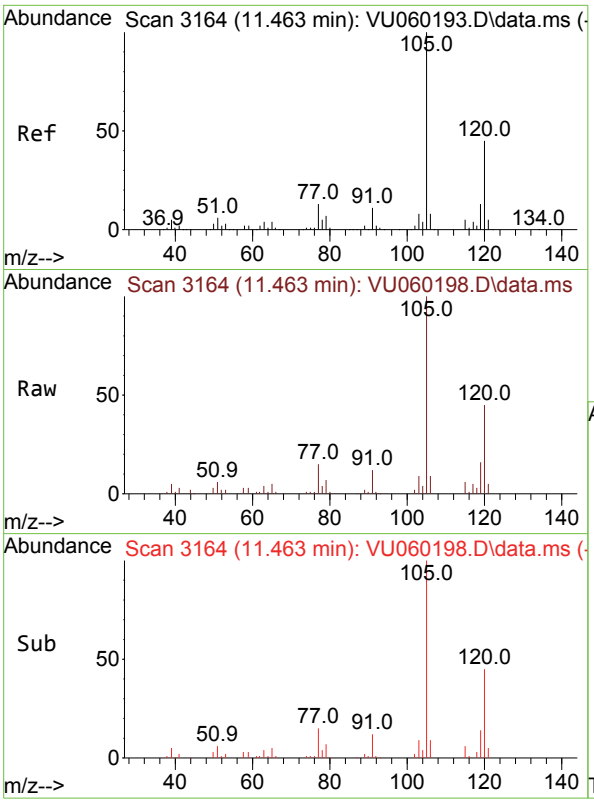


#62
1,3,5-Trimethylbenzene
Concen: 2.391 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU060198.D
Acq: 26 Jul 2024 02:13

Tgt Ion:105 Resp: 9814

Ion	Ratio	Lower	Upper
105	100		
120	52.1	39.5	59.3





#63
1,2,4-Trimethylbenzene
Concen: 10.189 ug/L
RT: 11.463 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU060198.D
Acq: 26 Jul 2024 02:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 44803

Ion	Ratio	Lower	Upper
105	100		
120	44.3	37.0	55.6