Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
Data File : VU060846.D
Acq On : 17 Sep 2024 20:33
Operator : MD/SY
Sample : P3973-06DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AR3DL

Quant Time: Sep 18 01:21:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 18 01:15:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	148643	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	158702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71465	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	48684	3.641	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.800%			
7) Chloroethane-d5	1.911	69	39711	4.172	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.400%			
11) 1,1-Dichloroethene-d2	2.560	65	18699	3.946	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.000%			
20) 2-Butanone-d5	4.640	46	88297	41.139	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.280%			
24) Chloroform-d	5.055	84	84944	4.156	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.200%			
26) 1,2-Dichloroethane-d4	5.695	65	44104	4.515	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.200%			
32) Benzene-d6	5.721	84	169767	3.991	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.800%			
36) 1,2-Dichloropropane-d6	6.682	67	55538	4.220	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.400%			
41) Toluene-d8	7.891	98	145811	3.760	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.200%			
43) trans-1,3-Dichloroprop...	8.174	79	20145	4.252	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.000%			
46) 2-Hexanone-d5	8.630	63	82826	44.322	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.640%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	43699	4.238	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	56822	4.732	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.600%			
Target Compounds						Qvalue
8) Chloroethane	1.933	64	1571	0.200	ug/L	97
19) 1,1-Dichloroethane	3.865	63	6149	0.316	ug/L #	89
42) Toluene	7.962	91	3901351	85.505	ug/L	99
52) Ethylbenzene	9.563	91	90148	1.877	ug/L	99
53) m,p-Xylene	9.685	106	130089	7.143	ug/L	95
54) o-Xylene	10.093	106	52454	2.919	ug/L	93
60) Isopropylbenzene	10.476	105	12332	0.291	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	6418	0.195	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	24924	0.766	ug/L	99

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

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 18 01:15:55 2024
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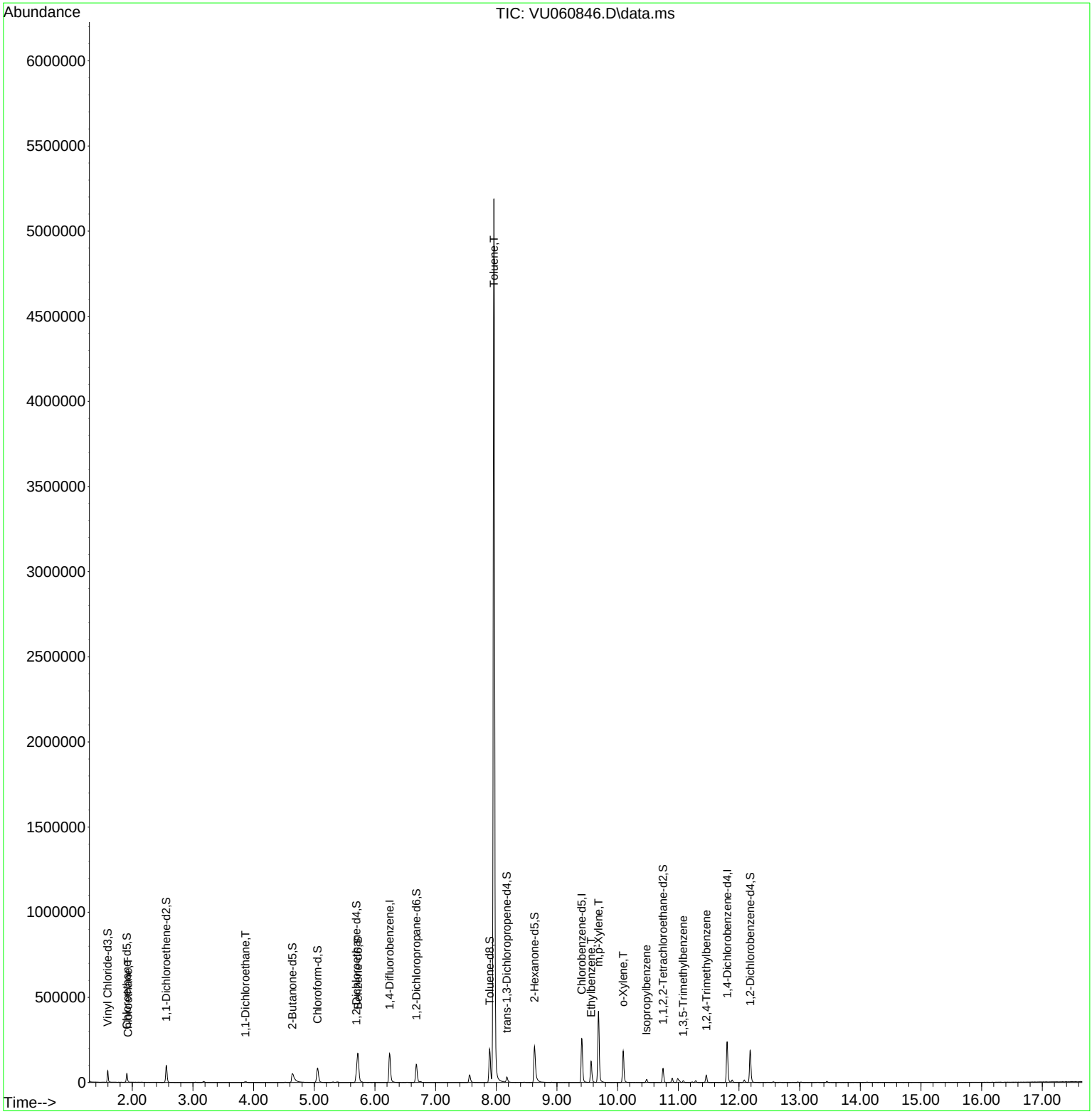
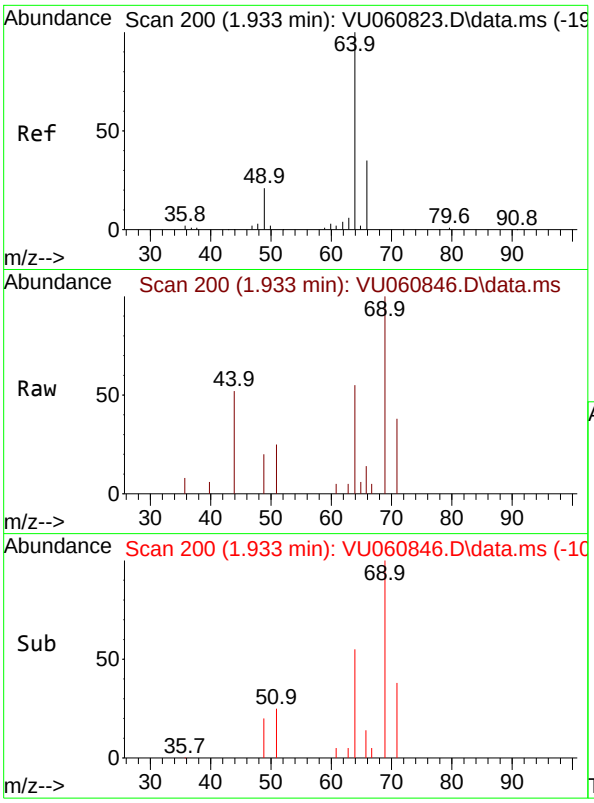


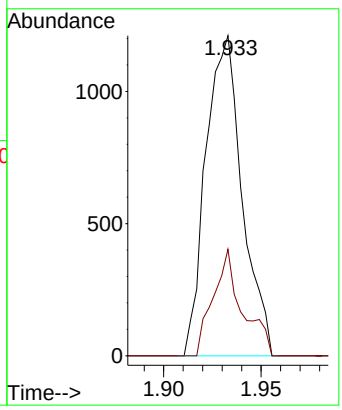


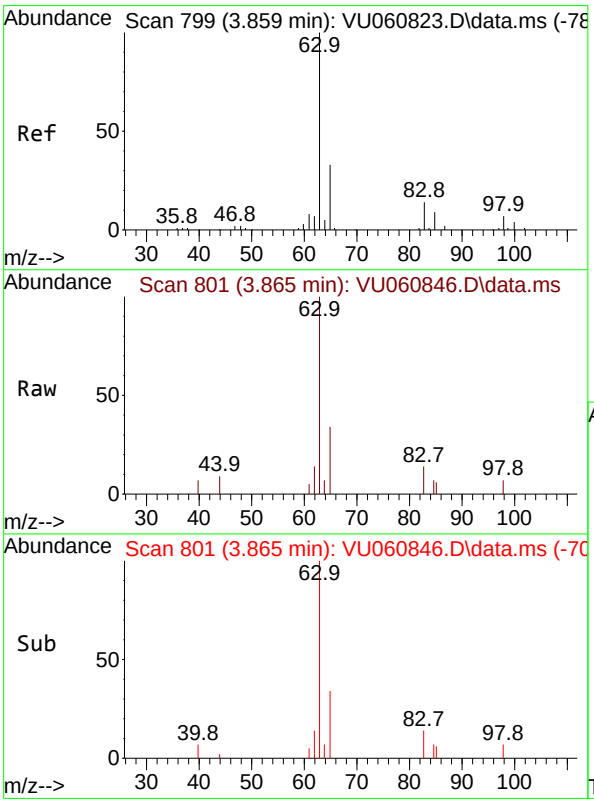
#8
Chloroethane
Concen: 0.200 ug/L
RT: 1.933 min Scan# 2(
Delta R.T. -0.000 min
Lab File: VU060846.D
Acq: 17 Sep 2024 20:33

Instrument :
MSVOA_U
ClientSampleId :
C0AR3DL

Tgt Ion: 64 Resp: 1571

Ion	Ratio	Lower	Upper
64	100		
66	33.3	22.3	41.3

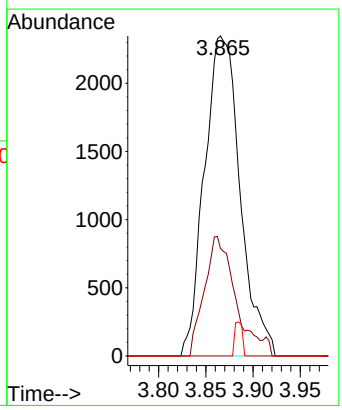


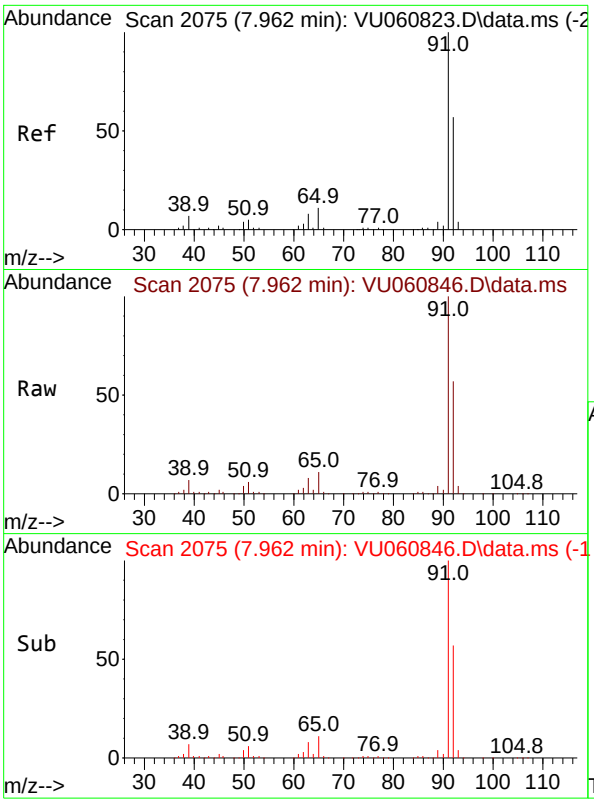


#19
1,1-Dichloroethane
Concen: 0.316 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU060846.D
Acq: 17 Sep 2024 20:33

Tgt Ion: 63 Resp: 6149

Ion	Ratio	Lower	Upper
63	100		
65	31.4	23.0	42.8
83	0.0	9.0	16.6#



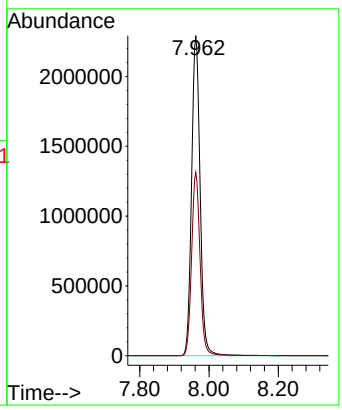


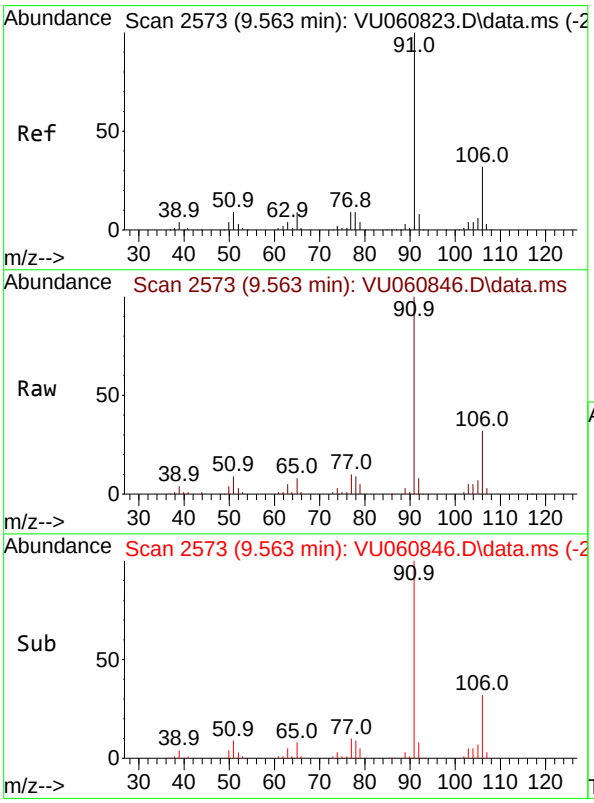
#42
Toluene
Concen: 85.505 ug/L
RT: 7.962 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU060846.D
Acq: 17 Sep 2024 20:33

Instrument :
MSVOA_U
ClientSampleId :
C0AR3DL

Tgt Ion: 91 Resp: 3901351

Ion	Ratio	Lower	Upper
91	100		
92	57.2	40.5	75.3

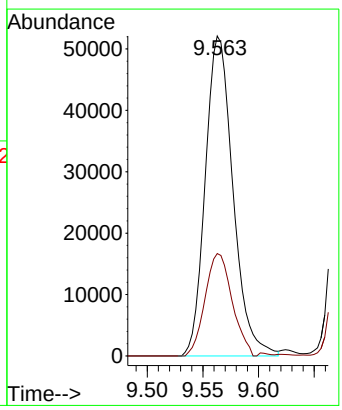


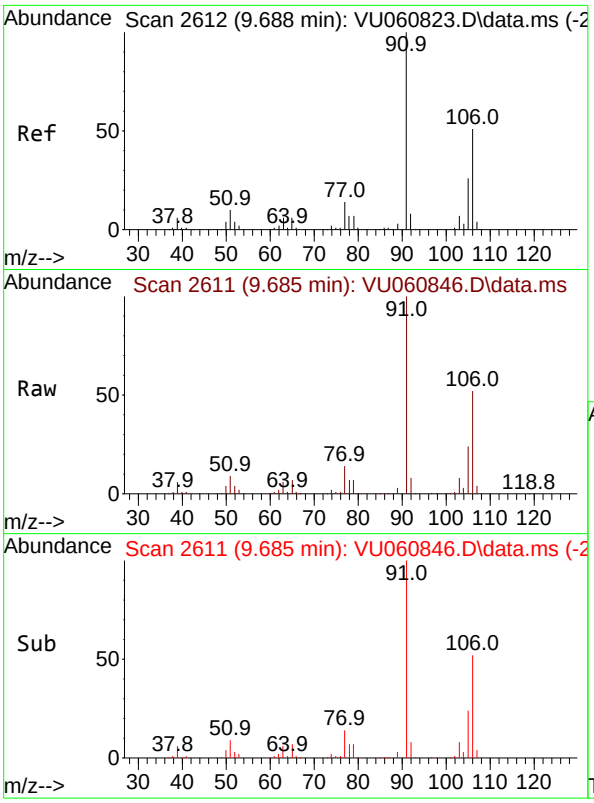


#52
Ethylbenzene
Concen: 1.877 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU060846.D
Acq: 17 Sep 2024 20:33

Tgt Ion: 91 Resp: 90148

Ion	Ratio	Lower	Upper
91	100		
106	32.0	21.8	40.6



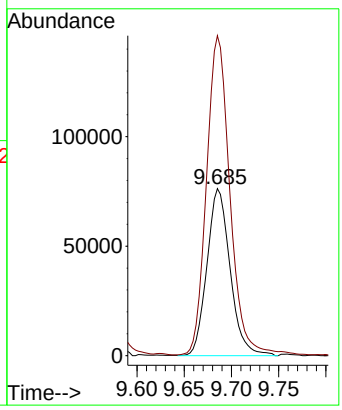


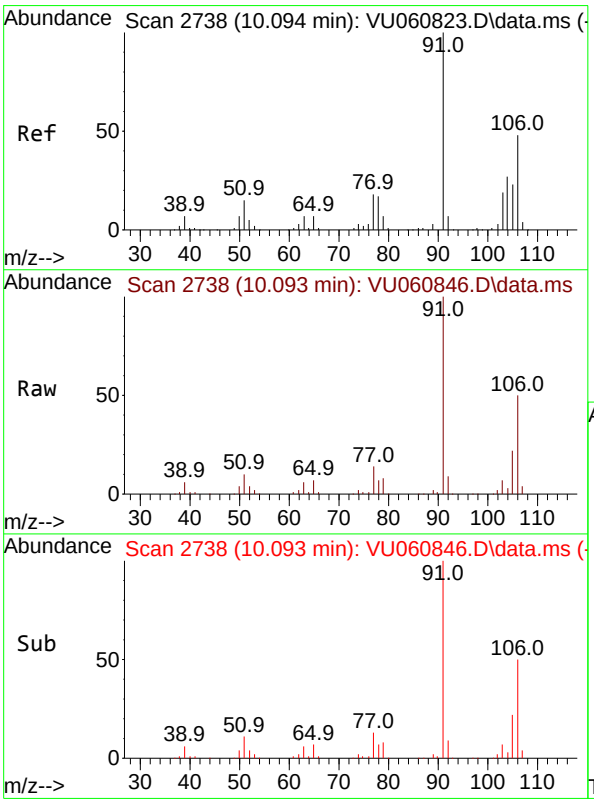
#53
m,p-Xylene
Concen: 7.143 ug/L
RT: 9.685 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU060846.D
Acq: 17 Sep 2024 20:33

Instrument :
MSVOA_U
ClientSampleId :
C0AR3DL

Tgt Ion:106 Resp: 130089

Ion	Ratio	Lower	Upper
106	100		
91	191.6	139.7	259.4

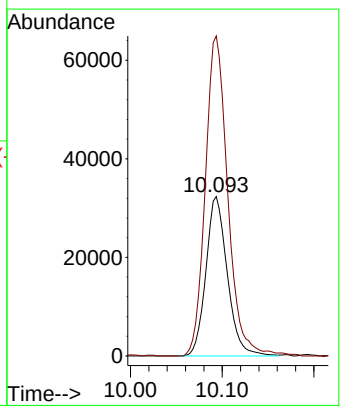


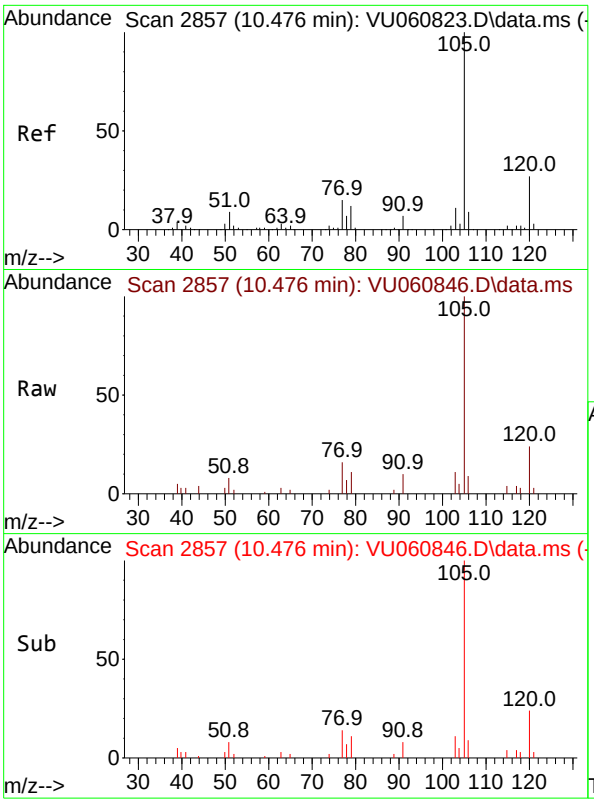


#54
o-Xylene
Concen: 2.919 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060846.D
Acq: 17 Sep 2024 20:33

Tgt Ion:106 Resp: 52454

Ion	Ratio	Lower	Upper
106	100		
91	200.8	148.6	276.0



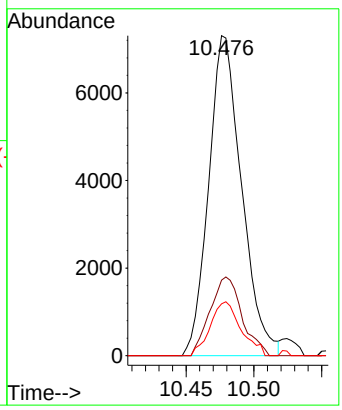


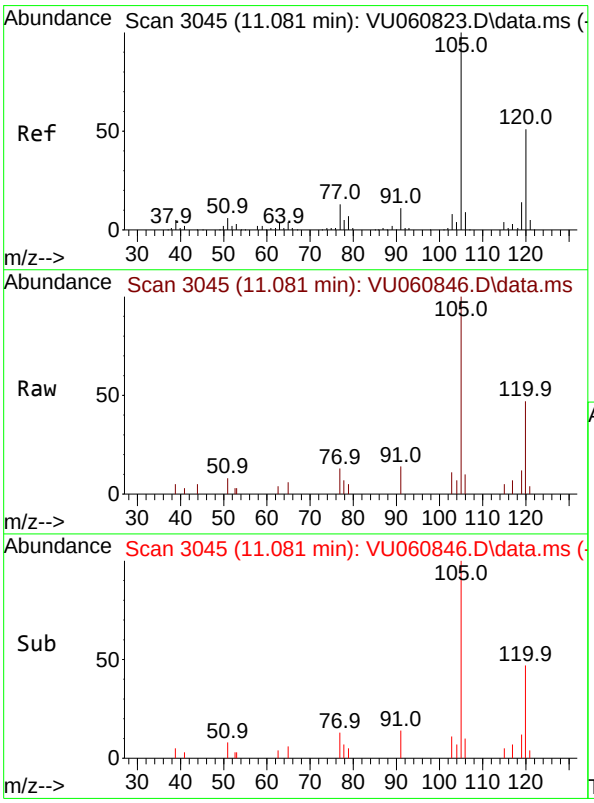
#60
Isopropylbenzene
Concen: 0.291 ug/L
RT: 10.476 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU060846.D
Acq: 17 Sep 2024 20:33

Instrument :
MSVOA_U
ClientSampleId :
C0AR3DL

Tgt Ion:105 Resp: 12332

Ion	Ratio	Lower	Upper
105	100		
120	23.9	21.5	32.3
77	15.7	12.6	18.8

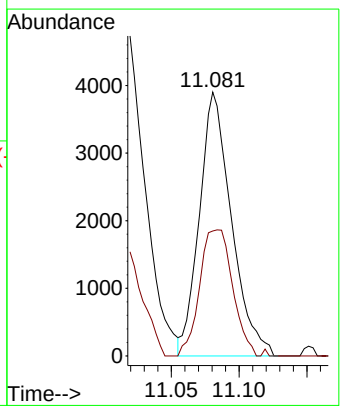


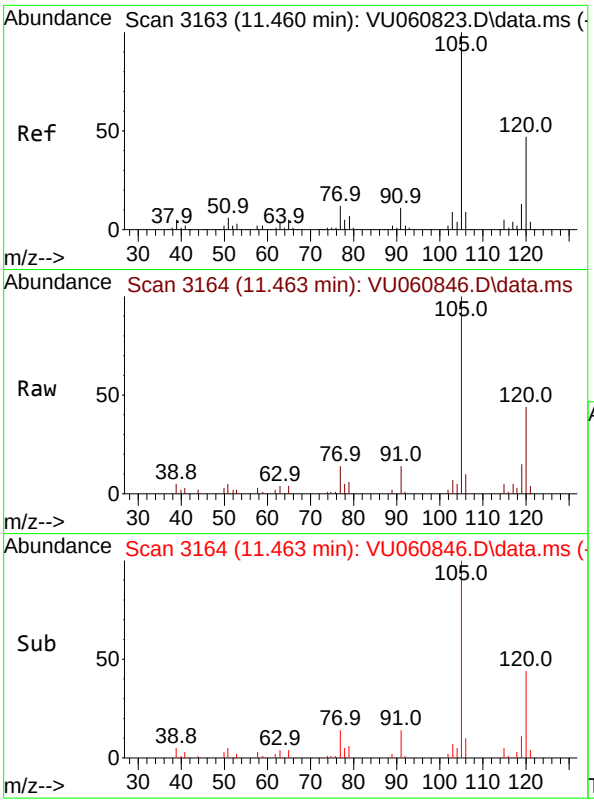


#62
1,3,5-Trimethylbenzene
Concen: 0.195 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU060846.D
Acq: 17 Sep 2024 20:33

Tgt Ion:105 Resp: 6418

Ion	Ratio	Lower	Upper
105	100		
120	49.0	38.5	57.7





#63
1,2,4-Trimethylbenzene
Concen: 0.766 ug/L
RT: 11.463 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU060846.D
Acq: 17 Sep 2024 20:33

Instrument :
MSVOA_U
ClientSampleId :
C0AR3DL

Tgt Ion:105 Resp: 24924

Ion	Ratio	Lower	Upper
105	100		
120	45.6	36.1	54.1