Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

Quant Time: Sep 19 05:15:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 05:11:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161776	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	162855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83726	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	39992	2.748	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	55.000%		
7) Chloroethane-d5	1.911	69	34774	3.357	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	67.200%		
11) 1,1-Dichloroethene-d2	2.560	65	15917	3.086	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	61.800%		
20) 2-Butanone-d5	4.637	46	94900	40.626	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	81.260%		
24) Chloroform-d	5.055	84	80120	3.602	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	72.000%		
26) 1,2-Dichloroethane-d4	5.695	65	38987	3.667	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	73.400%		
32) Benzene-d6	5.721	84	159781	3.661	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	73.200%		
36) 1,2-Dichloropropane-d6	6.682	67	50411	3.733	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	74.600%		
41) Toluene-d8	7.891	98	135314	3.400	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	68.000%#		
43) trans-1,3-Dichloroprop...	8.174	79	16676	3.430	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	68.600%		
46) 2-Hexanone-d5	8.627	63	75442	39.341	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	78.680%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	42727	4.038	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	80.800%		
66) 1,2-Dichlorobenzene-d4	12.184	152	60441	4.296	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	86.000%		
Target Compounds						Qvalue
8) Chloroethane	1.933	64	6789	0.796	ug/L	98
30) Cyclohexane	5.380	56	37915	2.624	ug/L	96
33) Benzene	5.772	78	12630	0.282	ug/L	100
35) Methylcyclohexane	6.756	83	47190	2.930	ug/L	92
52) Ethylbenzene	9.563	91	235853	4.785	ug/L	99
53) m,p-Xylene	9.692	106	30152	1.613	ug/L	98
60) Isopropylbenzene	10.476	105	396014	7.981	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	342398	8.986	ug/L	98

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

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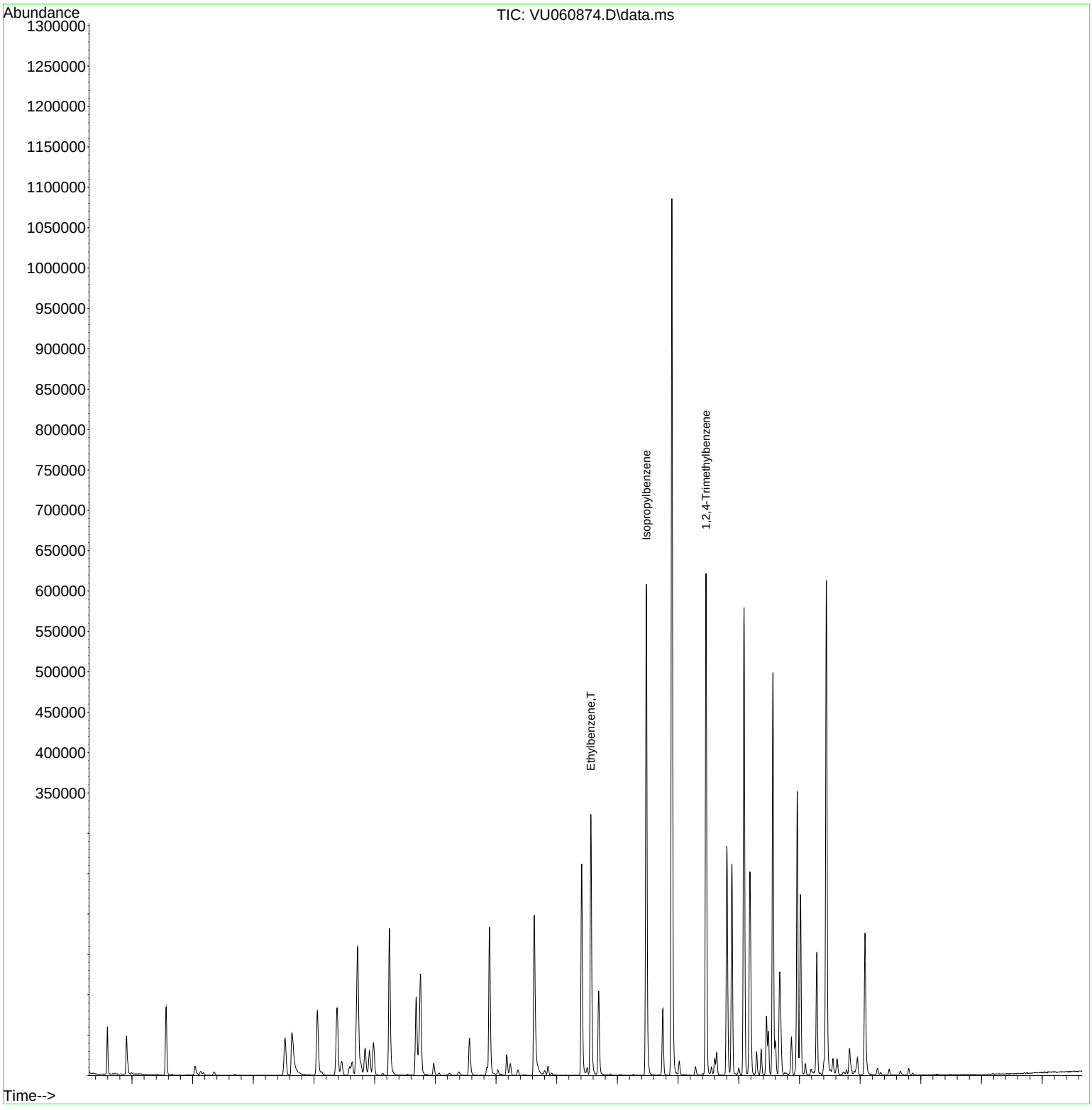
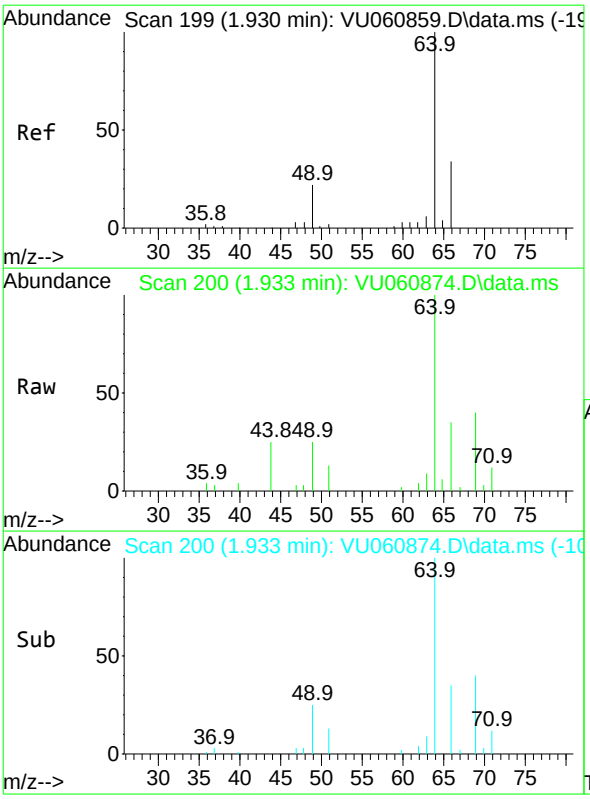


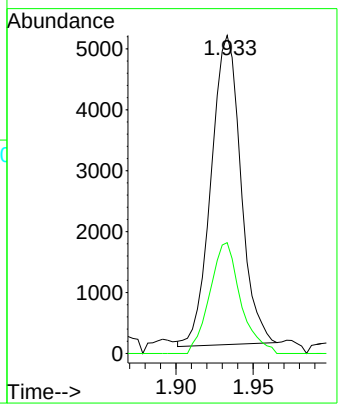


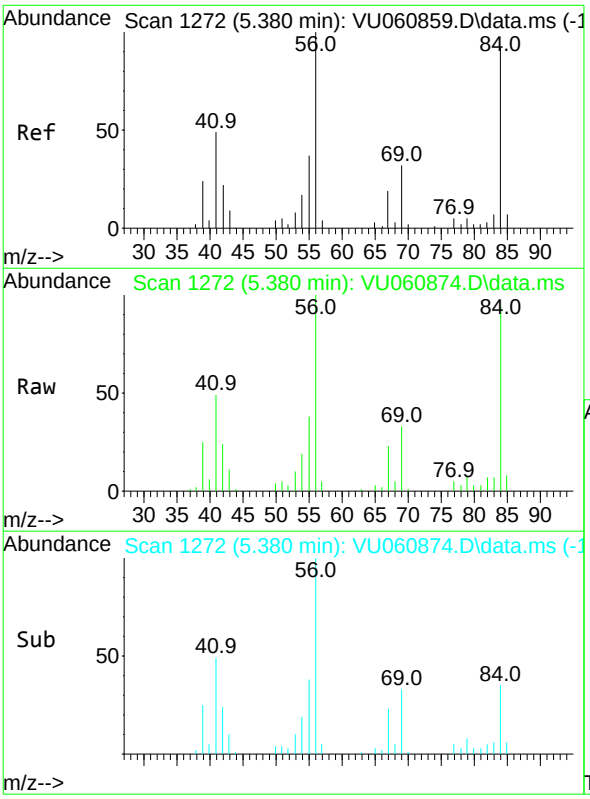
#8
Chloroethane
Concen: 0.796 ug/L
RT: 1.933 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU060874.D
Acq: 18 Sep 2024 16:48

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

Tgt Ion: 64 Resp: 6789

Ion	Ratio	Lower	Upper
64	100		
66	33.0	22.3	41.3

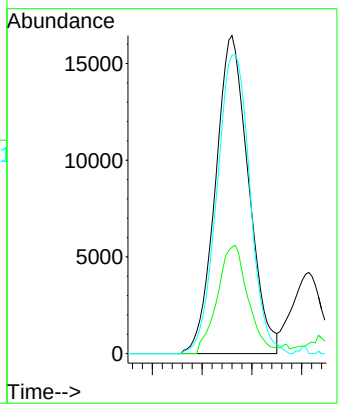


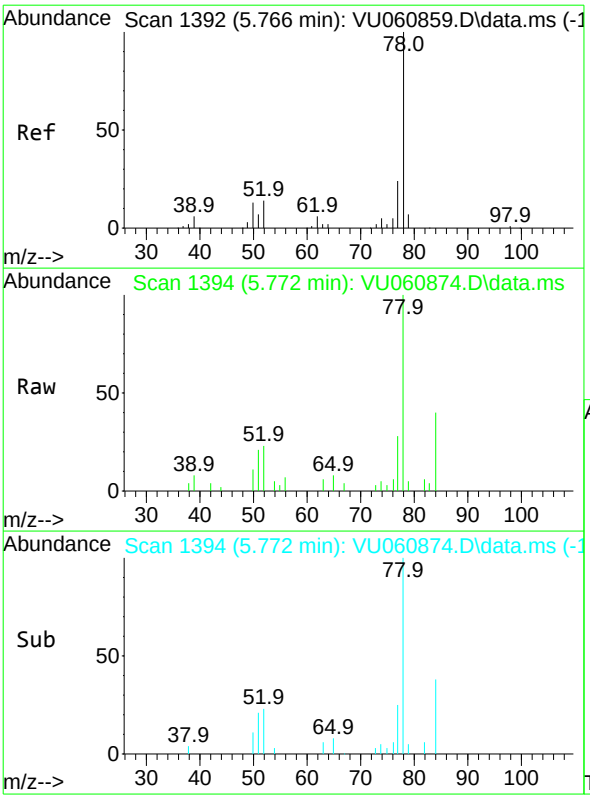


#30
Cyclohexane
Concen: 2.624 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060874.D
Acq: 18 Sep 2024 16:48

Tgt Ion: 56 Resp: 37915

Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.4	38.0
84	94.1	71.0	106.6

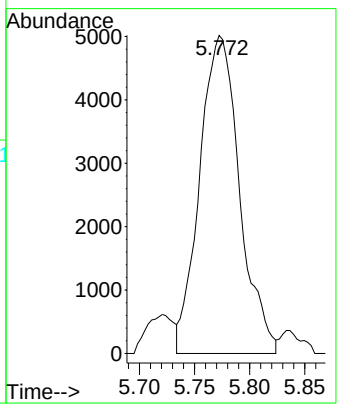


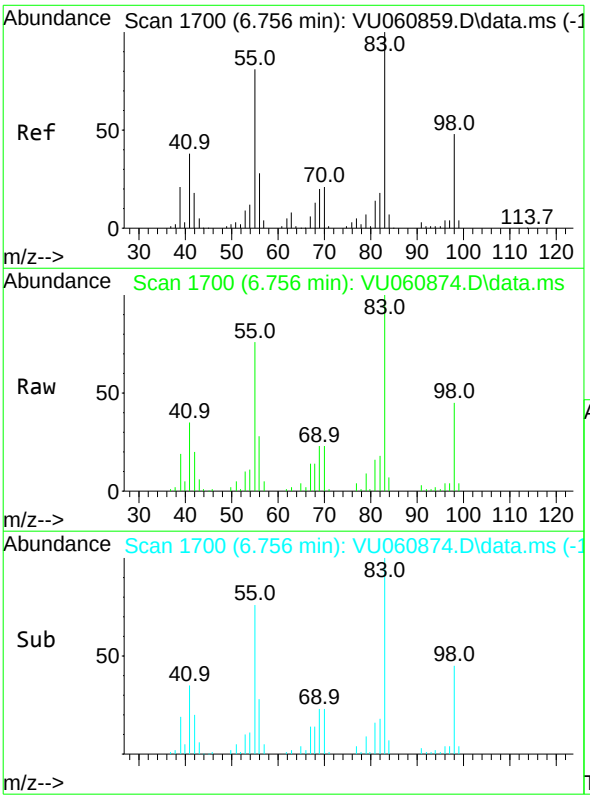


#33
Benzene
Concen: 0.282 ug/L
RT: 5.772 min Scan# 13
Delta R.T. 0.006 min
Lab File: VU060874.D
Acq: 18 Sep 2024 16:48

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

Tgt Ion: 78 Resp: 12630

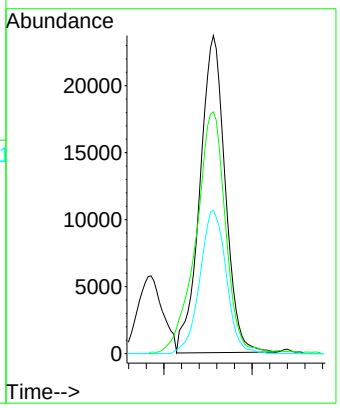


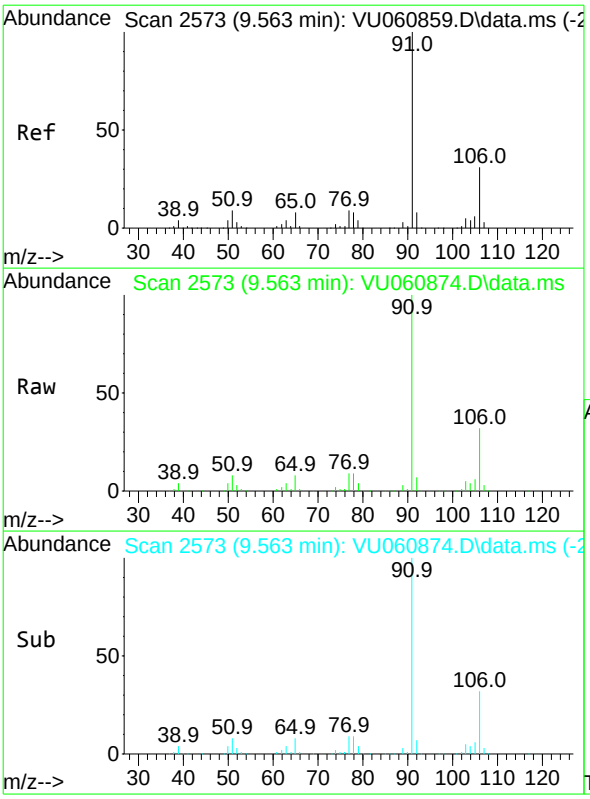


#35
Methylcyclohexane
Concen: 2.930 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060874.D
Acq: 18 Sep 2024 16:48

Tgt Ion: 83 Resp: 47190

Ion	Ratio	Lower	Upper
83	100		
55	88.8	62.6	94.0
98	47.0	37.6	56.4



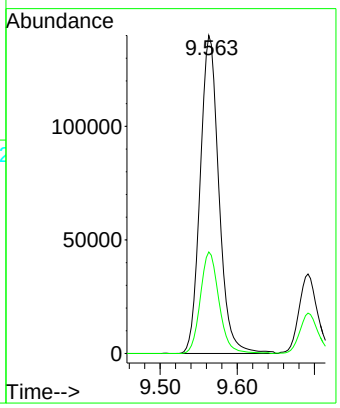


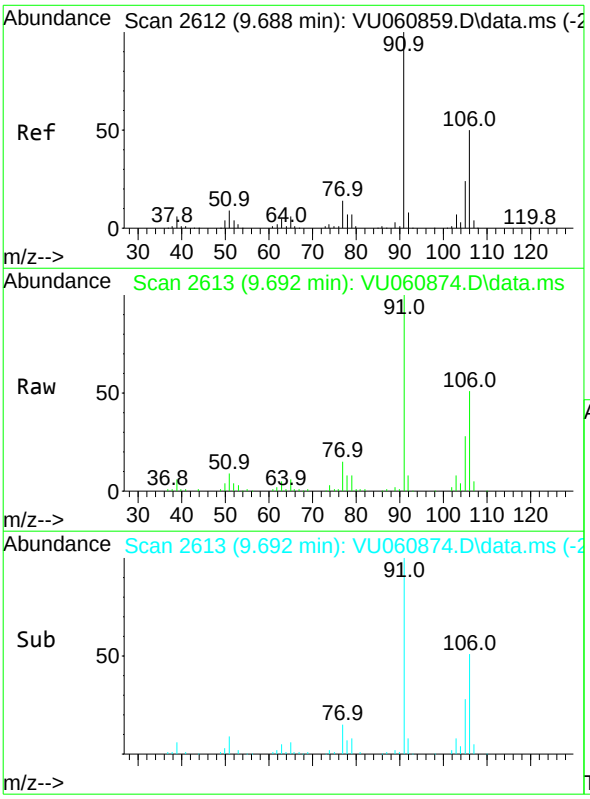
#52
Ethylbenzene
Concen: 4.785 ug/L
RT: 9.563 min Scan# 25
Delta R.T. 0.000 min
Lab File: VU060874.D
Acq: 18 Sep 2024 16:48

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

Tgt Ion: 91 Resp: 235853

Ion	Ratio	Lower	Upper
91	100		
106	31.9	21.8	40.6

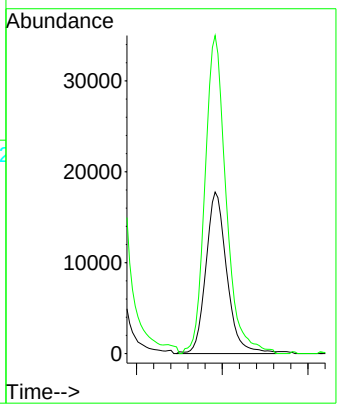


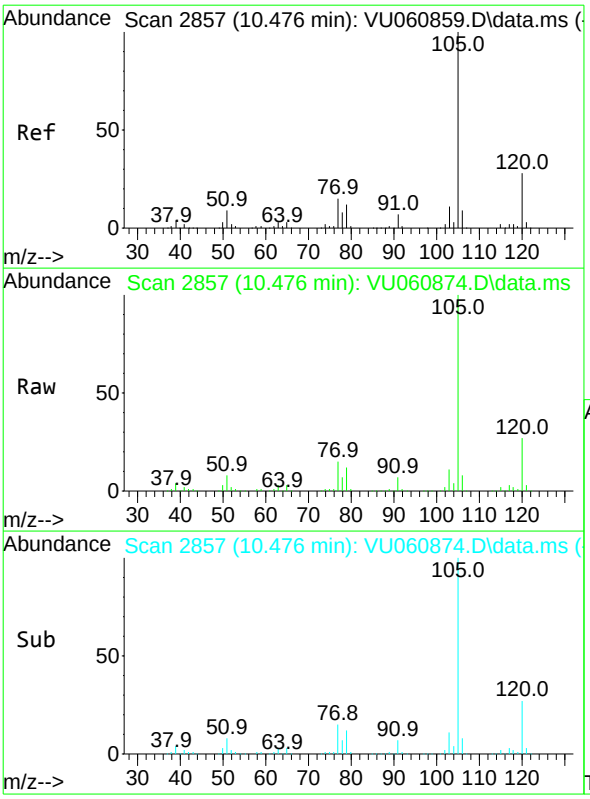


#53
m,p-Xylene
Concen: 1.613 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU060874.D
Acq: 18 Sep 2024 16:48

Tgt Ion:106 Resp: 30152

Ion	Ratio	Lower	Upper
106	100		
91	196.8	139.7	259.4



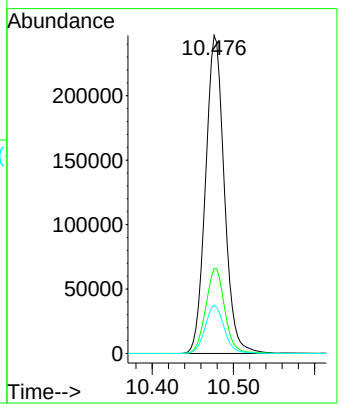


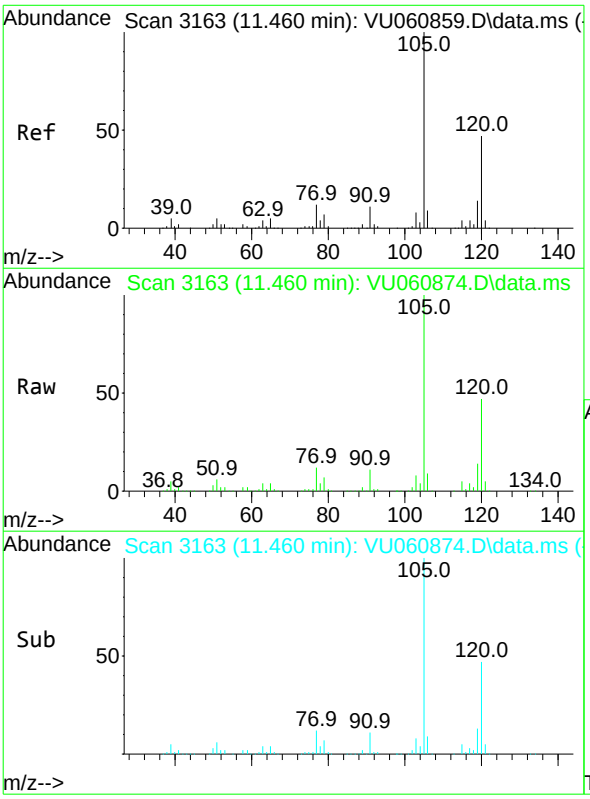
#60
Isopropylbenzene
Concen: 7.981 ug/L
RT: 10.476 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU060874.D
Acq: 18 Sep 2024 16:48

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

Tgt Ion:105 Resp: 396014

Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.5	32.3
77	15.5	12.6	18.8





#63
1,2,4-Trimethylbenzene
Concen: 8.986 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU060874.D
Acq: 18 Sep 2024 16:48

Tgt Ion:105 Resp: 342398

Ion	Ratio	Lower	Upper
105	100		
120	46.3	36.1	54.1