Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

Quant Time: Oct 06 01:44:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 06 01:40:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	283107	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	267938	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	140268	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	121178	39.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.20%			
7) Chloroethane-d5	1.896	69	55480	22.59	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 45.18%#			
11) 1,1-Dichloroethene-d2	2.565	63	171197	32.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.78%			
21) 2-Butanone-d5	4.633	46	241537	98.58	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.58%			
24) Chloroform-d	5.067	84	216734	44.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.56%			
26) 1,2-Dichloroethane-d4	5.707	65	154335	46.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.10%			
32) Benzene-d6	5.729	84	461845	49.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.34%			
36) 1,2-Dichloropropane-d6	6.694	67	146970	48.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.96%			
41) Toluene-d8	7.903	98	420826	52.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.90%			
43) trans-1,3-Dichloroprop...	8.182	79	70515	52.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.58%			
47) 2-Hexanone-d5	8.642	63	189872	113.02	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.02%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	251432	53.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.52%			
66) 1,2-Dichlorobenzene-d4	12.198	152	162169	53.12	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.24%			
Target Compounds						Qvalue
29) Cyclohexane	5.388	56	75419	18.73	ug/L	91
35) Methylcyclohexane	6.764	83	282756	70.76	ug/L	96
42) Toluene	7.973	91	12251	1.21	ug/L	100
52) Ethylbenzene	9.575	91	214344	20.09	ug/L	99
53) m,p-Xylene	9.697	106	261593	64.74	ug/L	99
54) o-xylene	10.105	106	10711	2.70	ug/L	94
61) Isopropylbenzene	10.488	105	87955	8.57	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	240288	28.03	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	561980	64.01	ug/L	99

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

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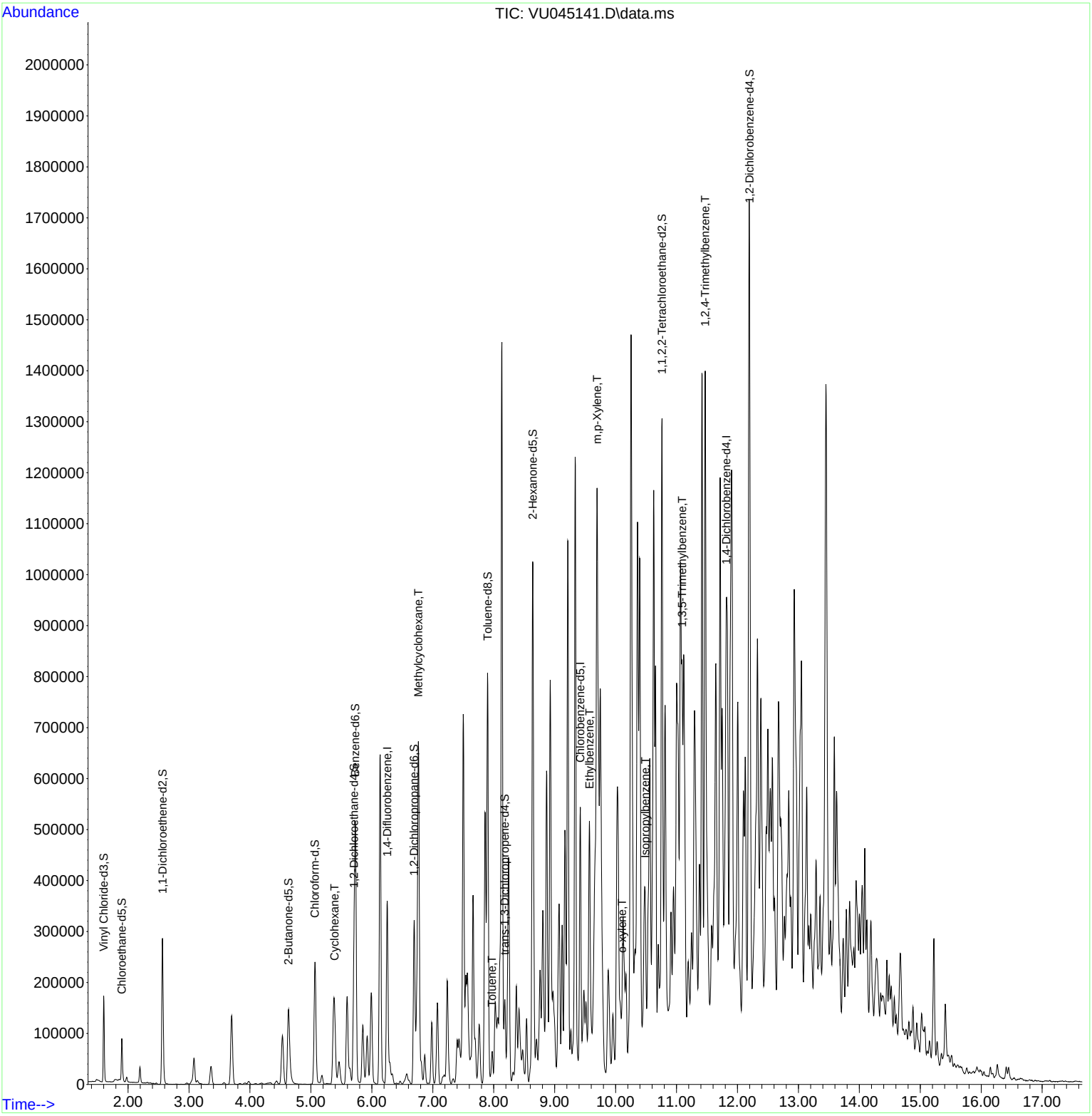

Instrument :
MSVOA_U
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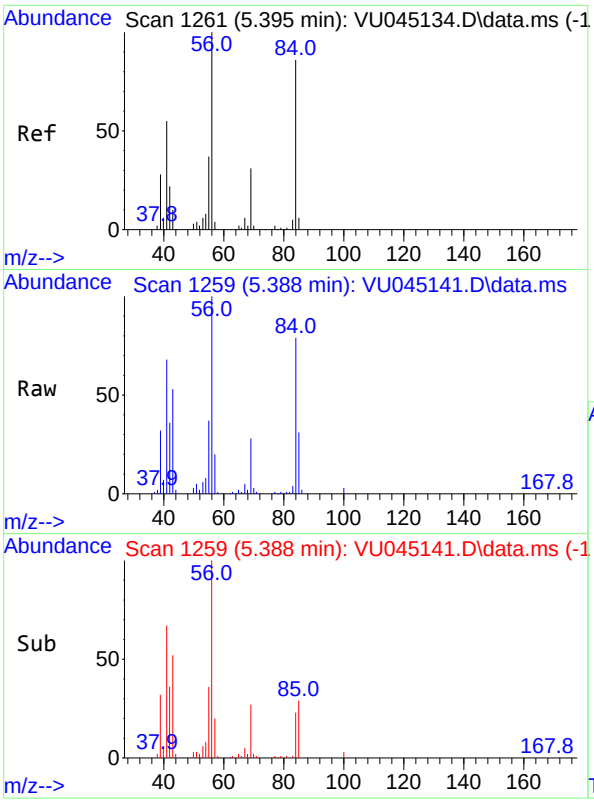
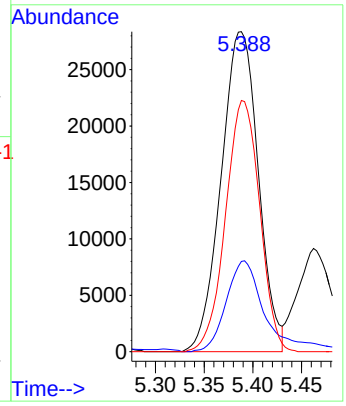
EW904DL

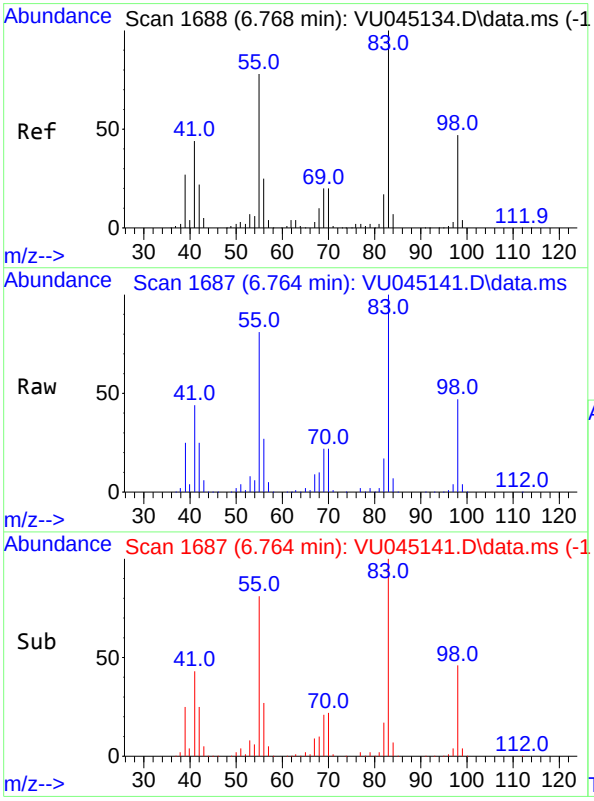


#29
Cyclohexane
Concen: 18.73 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

Tgt Ion: 56 Resp: 75419

Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.8	35.8
84	72.0	66.8	100.2

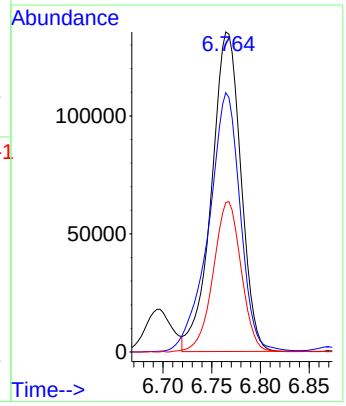


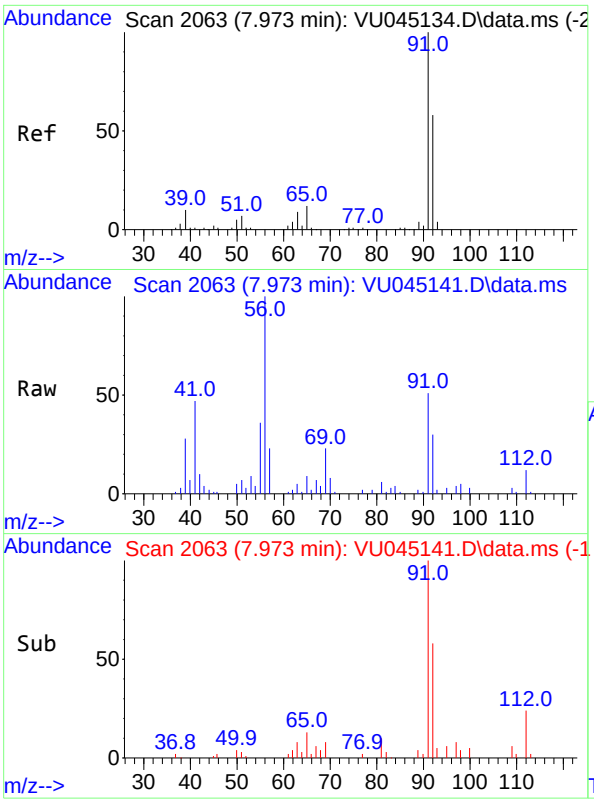


#35
Methylcyclohexane
Concen: 70.76 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

Tgt Ion: 83 Resp: 282756

Ion	Ratio	Lower	Upper
83	100		
55	87.5	65.8	98.6
98	45.1	37.1	55.7

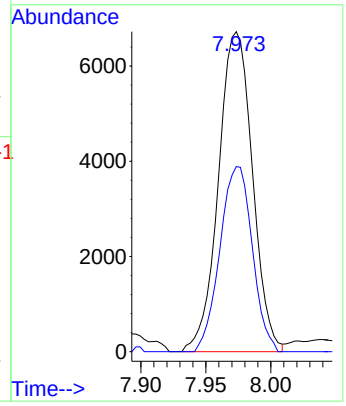




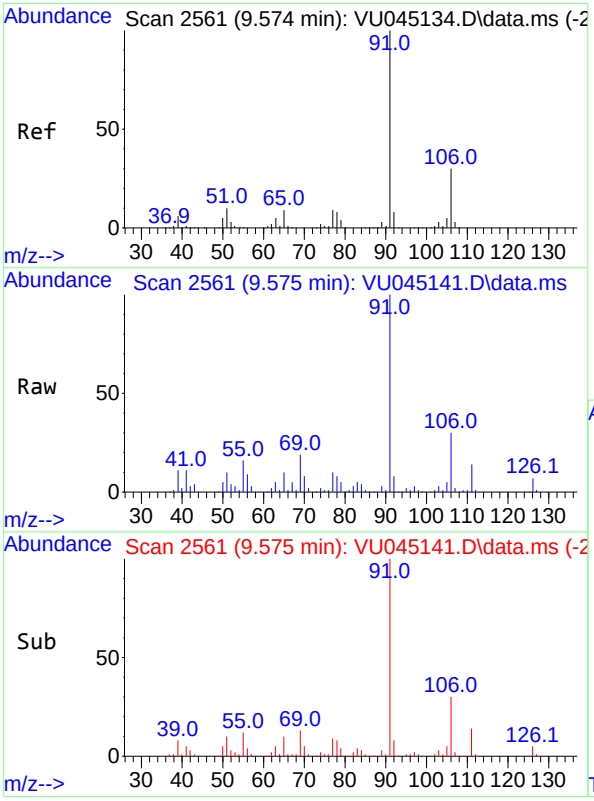
#42
Toluene
Concen: 1.21 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

Tgt Ion: 91 Resp: 12251

Ion	Ratio	Lower	Upper
91	100		
92	57.9	40.5	75.1



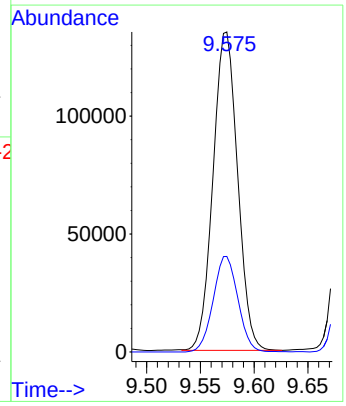
Instrument :
MSVOA_U
ClientSampleId :
EW904DL



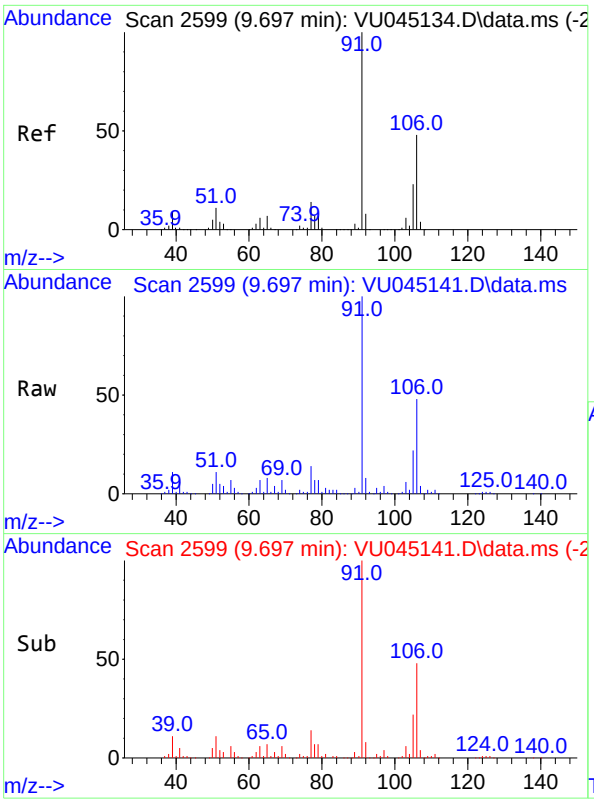
#52
Ethylbenzene
Concen: 20.09 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

Tgt Ion: 91 Resp: 214344

Ion	Ratio	Lower	Upper
91	100		
106	29.9	21.2	39.4



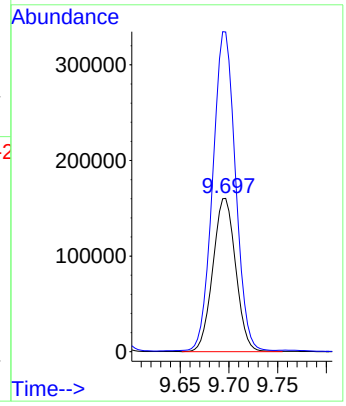
Instrument :
MSVOA_U
ClientSampleId :
EW904DL

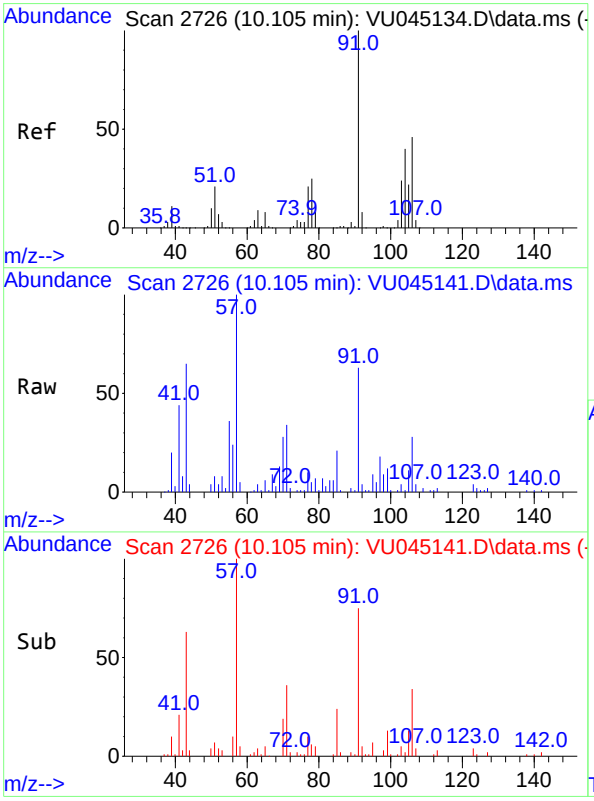


#53
m,p-Xylene
Concen: 64.74 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

Tgt Ion:106 Resp: 261593

Ion	Ratio	Lower	Upper
106	100		
91	208.5	146.7	272.4

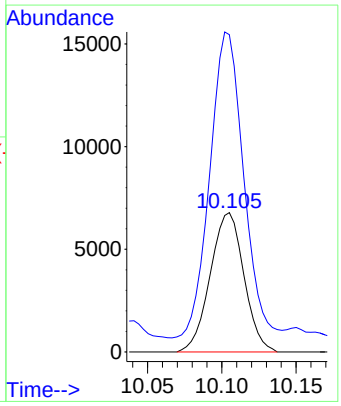




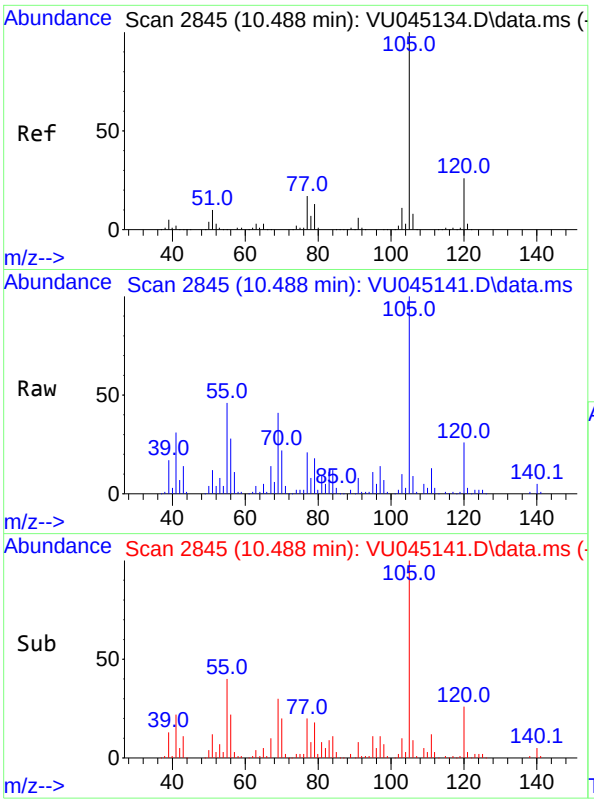
#54
o-xylene
Concen: 2.70 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

Tgt Ion:106 Resp: 10711

Ion	Ratio	Lower	Upper
106	100		
91	227.7	152.9	283.9



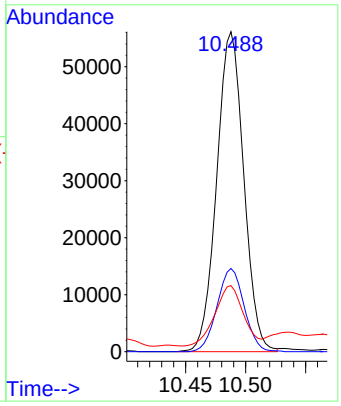
Instrument :
MSVOA_U
ClientSampleId :
EW904DL

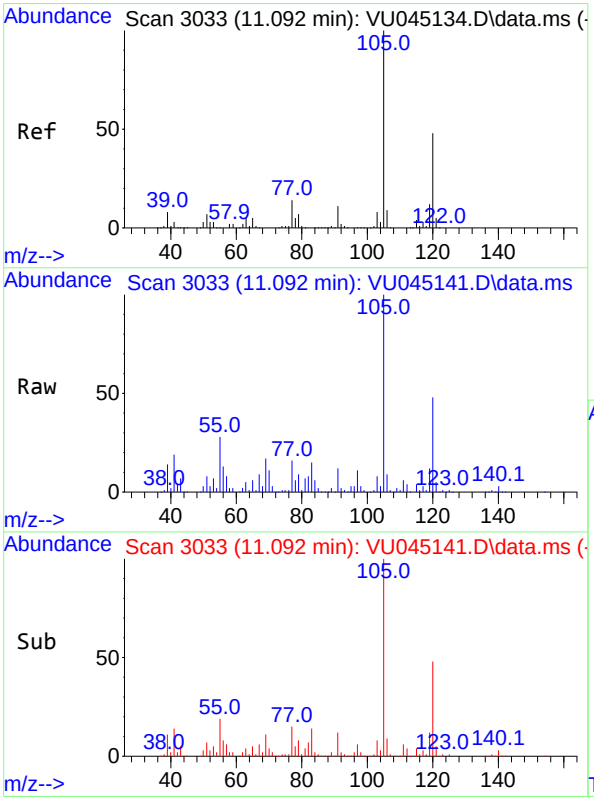


#61
Isopropylbenzene
Concen: 8.57 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

Tgt Ion:105 Resp: 87955

Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.5	30.7
77	19.7	13.5	20.3

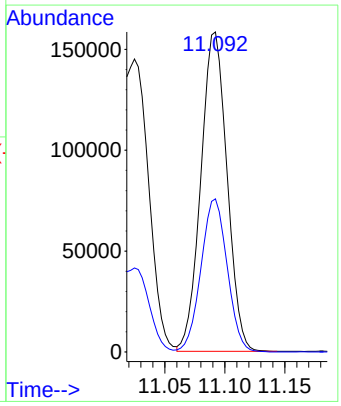


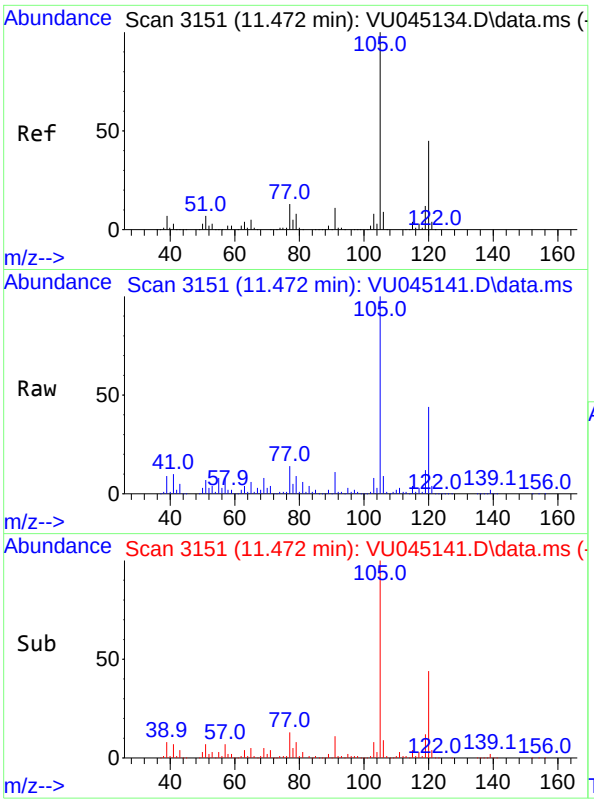


#62
1,3,5-Trimethylbenzene
Concen: 28.03 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

Tgt Ion:105 Resp: 240288

Ion	Ratio	Lower	Upper
105	100		
120	48.2	38.8	58.2

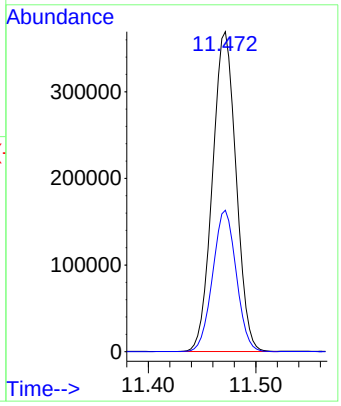




#63
1,2,4-Trimethylbenzene
Concen: 64.01 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

Tgt Ion:105 Resp: 561980

Ion	Ratio	Lower	Upper
105	100		
120	44.2	35.7	53.5



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MSVOA_U
ClientSampleId :
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