Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045139.D
Acq On : 05 Oct 2021 13:00
Operator : SY/MD
Sample : M4000-07DL 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902DL

Quant Time: Oct 06 01:44:19 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	284831	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	269901	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	136059	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	120008	38.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.98%			
7) Chloroethane-d5	1.900	69	64235	26.00	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 52.00%#			
11) 1,1-Dichloroethene-d2	2.565	63	171414	32.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.48%			
21) 2-Butanone-d5	4.633	46	239378	97.11	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.11%			
24) Chloroform-d	5.067	84	216641	43.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.98%			
26) 1,2-Dichloroethane-d4	5.707	65	154630	46.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.72%			
32) Benzene-d6	5.729	84	460018	49.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.24%			
36) 1,2-Dichloropropane-d6	6.694	67	145922	47.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.56%			
41) Toluene-d8	7.899	98	421995	52.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.42%			
43) trans-1,3-Dichloroprop...	8.182	79	66896	49.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.50%			
47) 2-Hexanone-d5	8.642	63	183469	108.41	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.41%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	241624	50.81	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.62%			
66) 1,2-Dichlorobenzene-d4	12.195	152	157984	53.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.70%			
Target Compounds						Qvalue
29) Cyclohexane	5.388	56	66674	16.43	ug/L	90
35) Methylcyclohexane	6.768	83	224936	55.88	ug/L	96
42) Toluene	7.973	91	10413	1.02	ug/L	94
52) Ethylbenzene	9.575	91	161268	15.01	ug/L	100
53) m,p-Xylene	9.693	106	193580	47.56	ug/L	100
54) o-xylene	10.102	106	7238	1.81	ug/L	98
61) Isopropylbenzene	10.488	105	63637	6.39	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	161816	19.46	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	334612	39.29	ug/L	100

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

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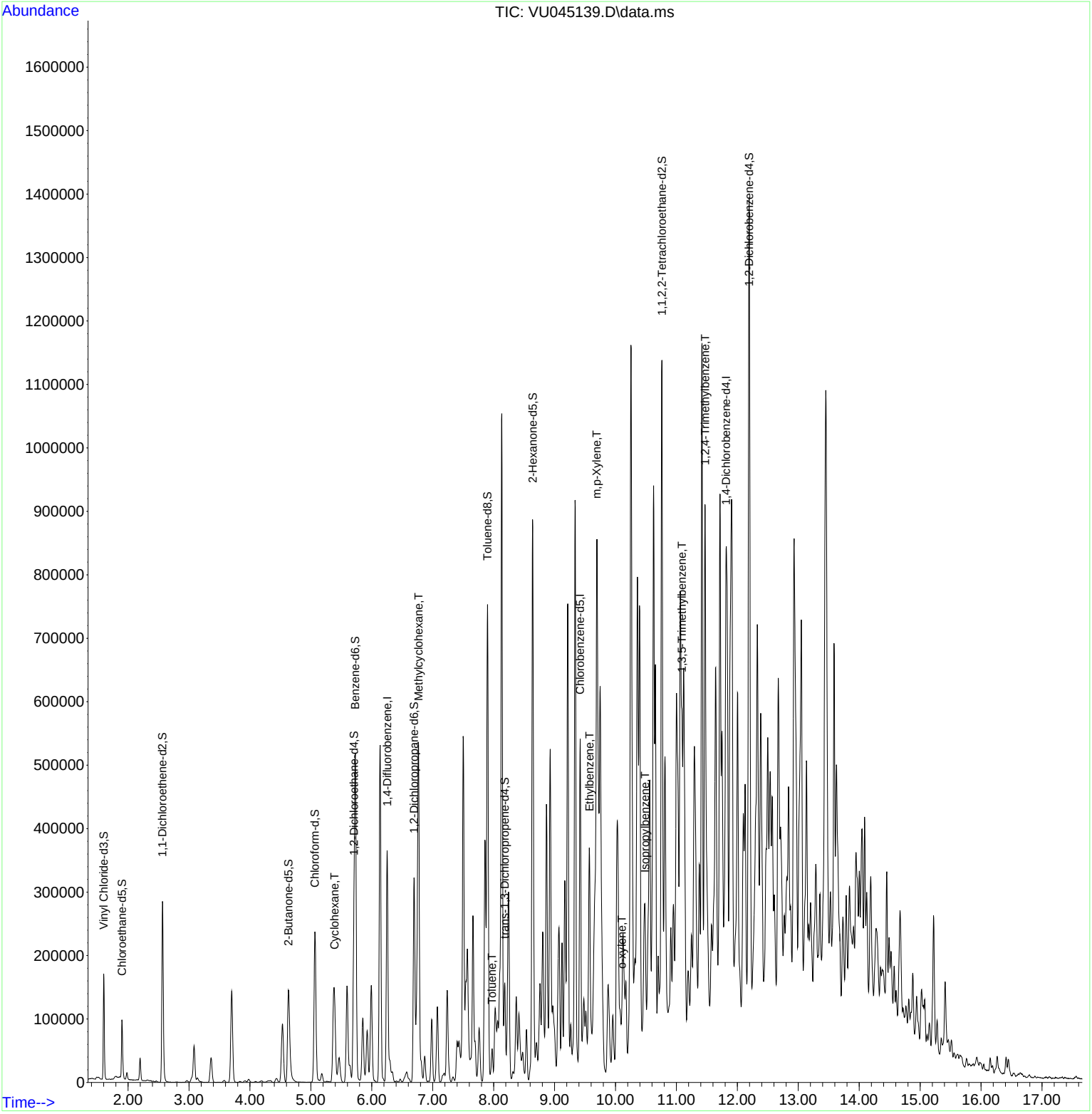

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MSVOA_U
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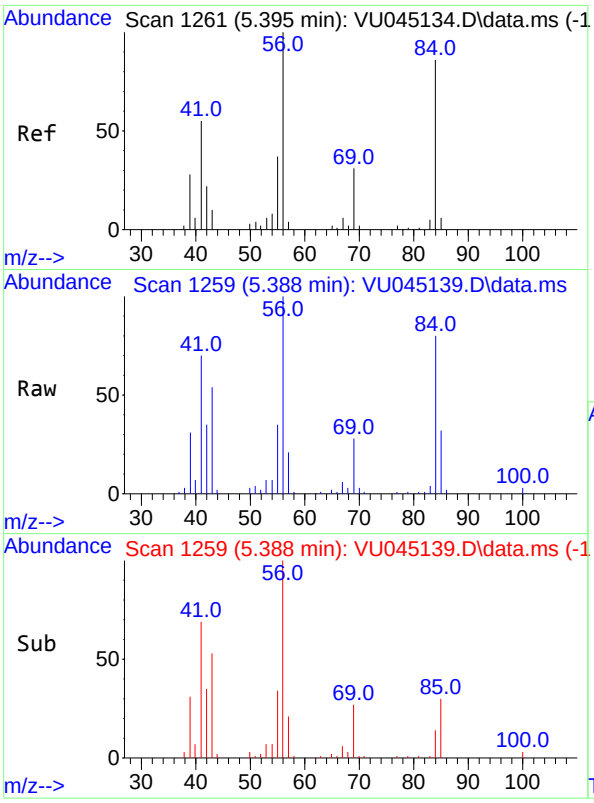
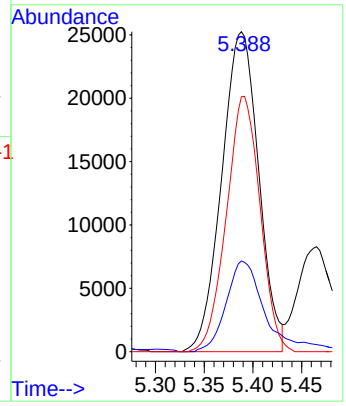
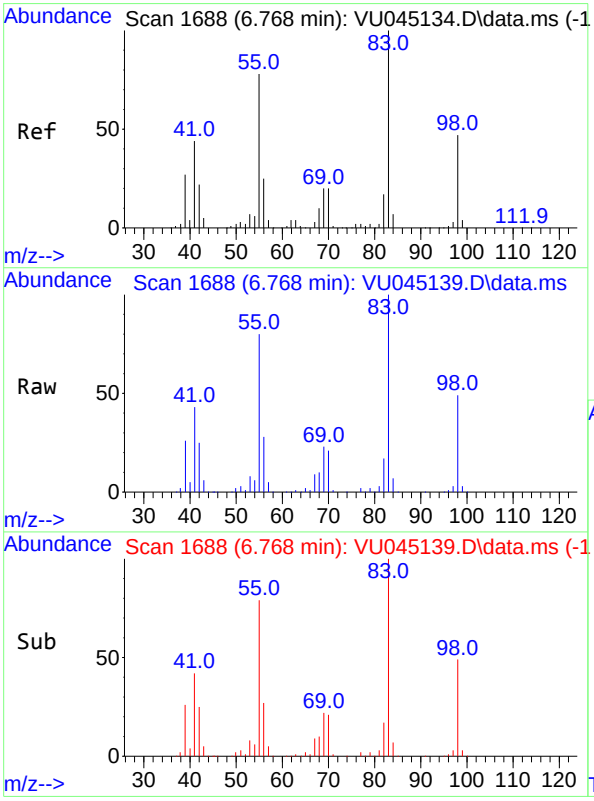


#29
Cyclohexane
Concen: 16.43 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Tgt Ion: 56 Resp: 66674

Ion	Ratio	Lower	Upper
56	100		
69	28.2	23.8	35.8
84	72.8	66.8	100.2

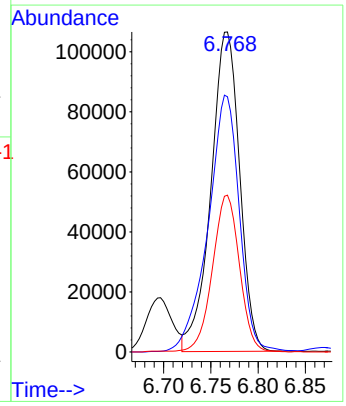




#35
Methylcyclohexane
Concen: 55.88 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Tgt Ion: 83 Resp: 224936

Ion	Ratio	Lower	Upper
83	100		
55	87.7	65.8	98.6
98	46.3	37.1	55.7



Instrument :
MSVOA_U
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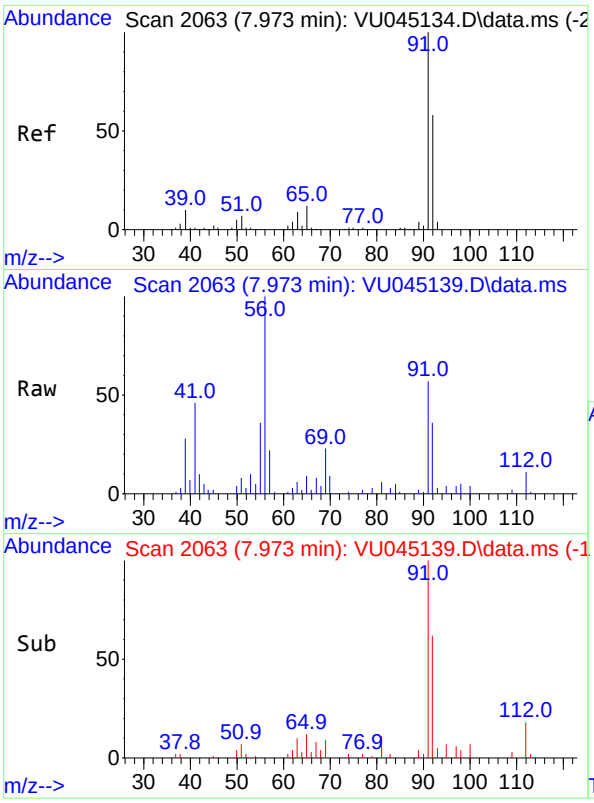
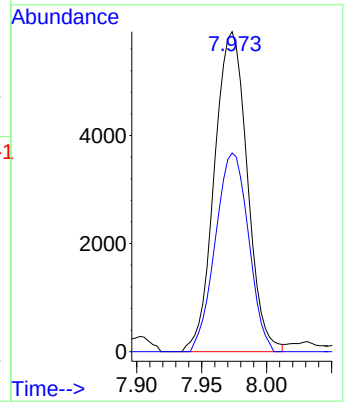
EW902DL

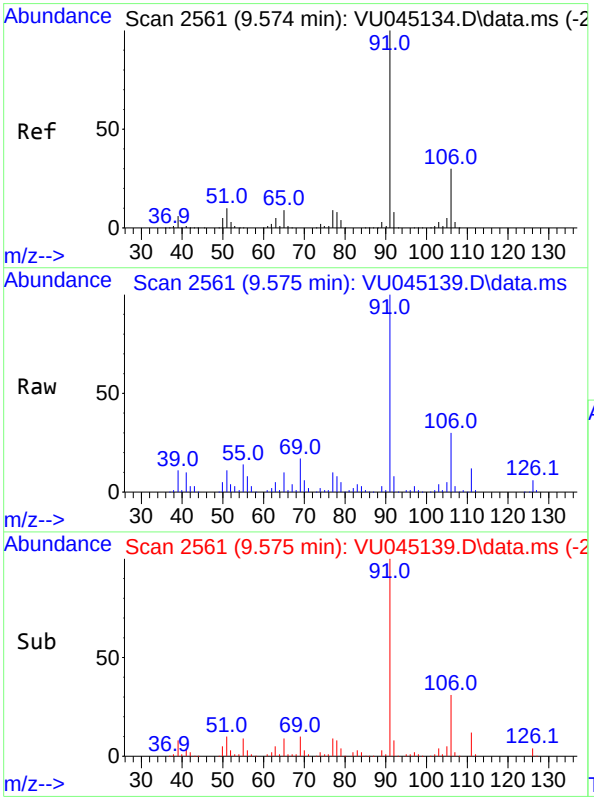


#42
Toluene
Concen: 1.02 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Tgt Ion: 91 Resp: 10413

Ion	Ratio	Lower	Upper
91	100		
92	62.1	40.5	75.1

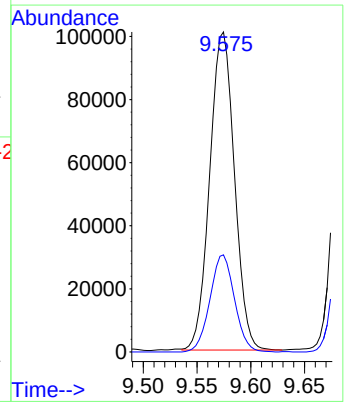




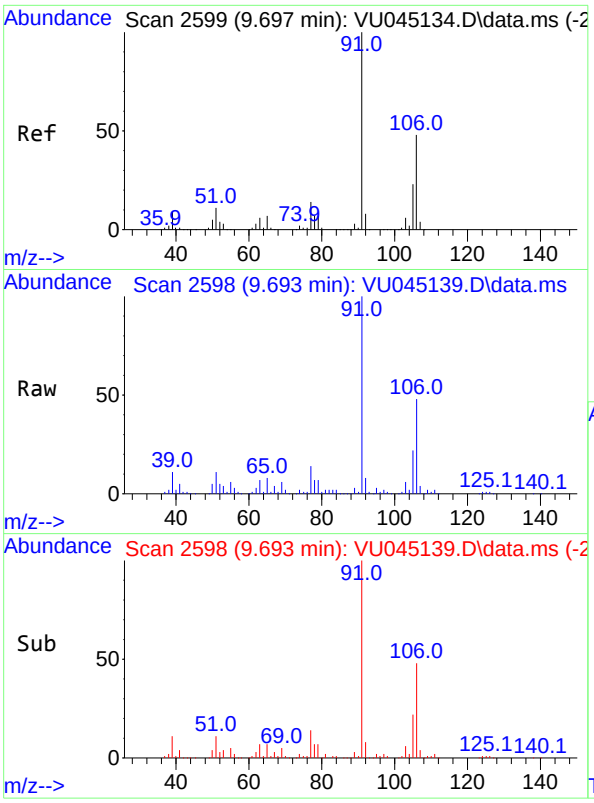
#52
Ethylbenzene
Concen: 15.01 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Tgt Ion: 91 Resp: 161268

Ion	Ratio	Lower	Upper
91	100		
106	30.4	21.2	39.4



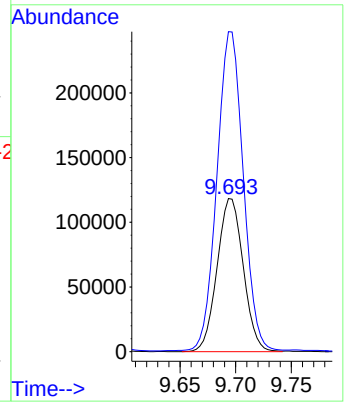
Instrument :
MSVOA_U
ClientSampleId :
EW902DL

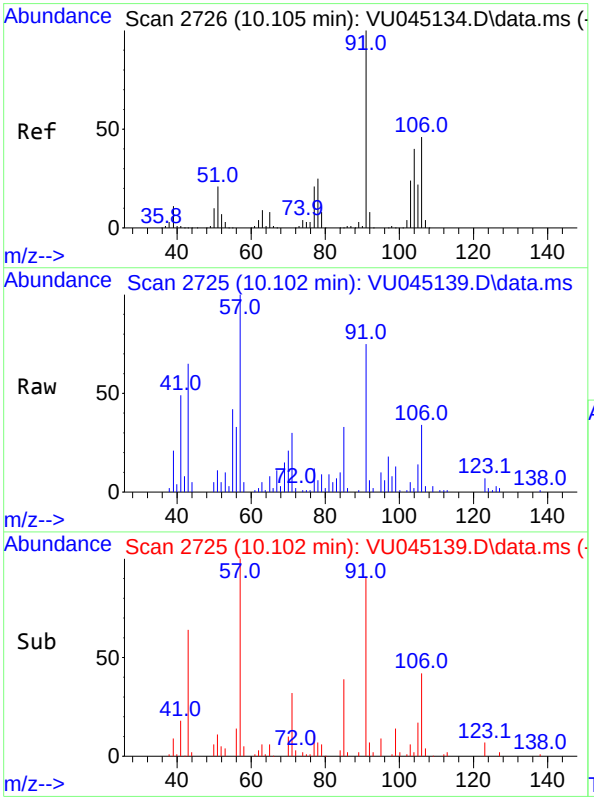


#53
m,p-Xylene
Concen: 47.56 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Tgt Ion:106 Resp: 193580

Ion	Ratio	Lower	Upper
106	100		
91	209.1	146.7	272.4

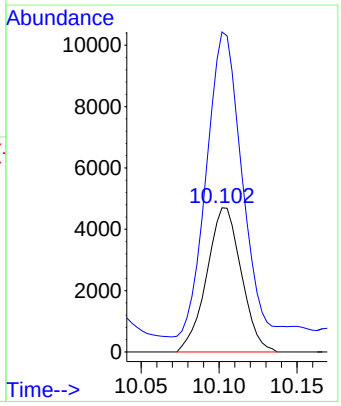




#54
o-xylene
Concen: 1.81 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Tgt Ion:106 Resp: 7238

Ion	Ratio	Lower	Upper
106	100		
91	222.0	152.9	283.9



Instrument :
MSVOA_U
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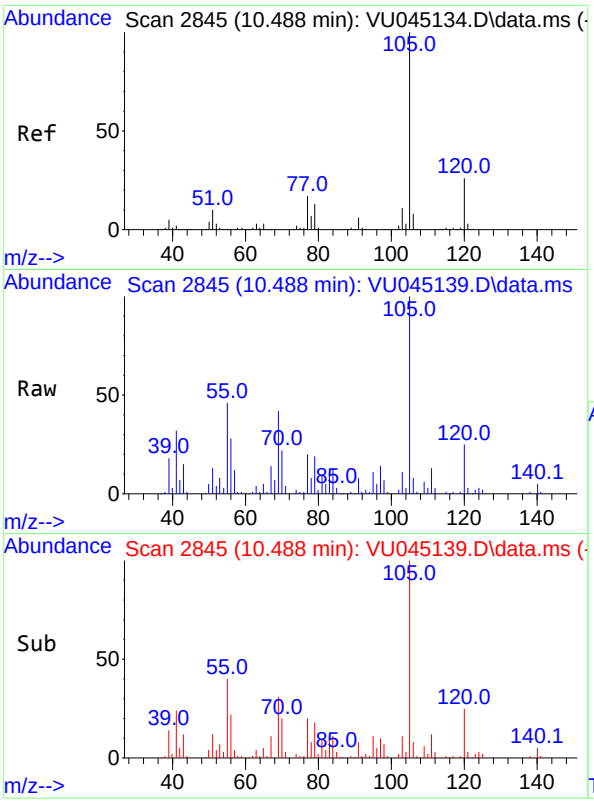
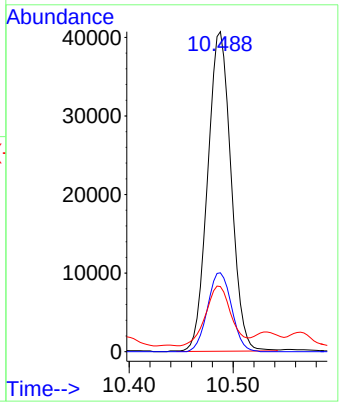
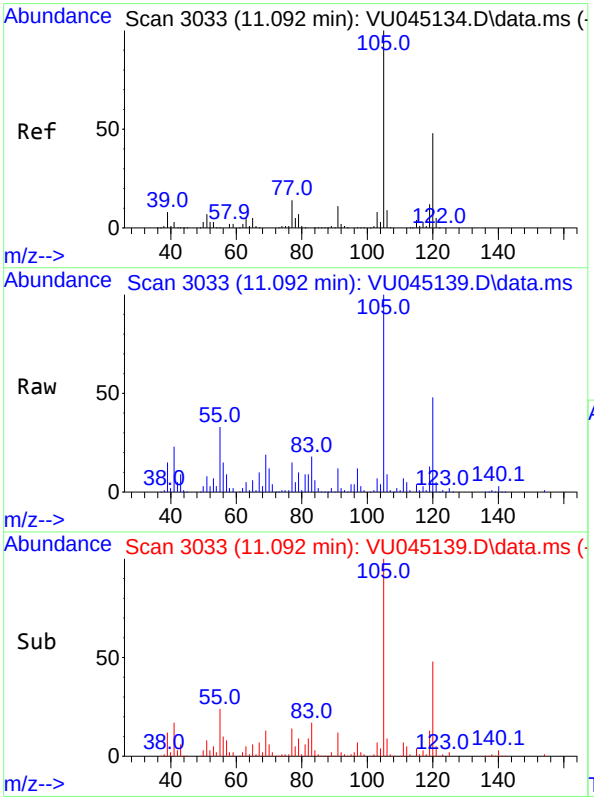


#61
Isopropylbenzene
Concen: 6.39 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Tgt Ion:105 Resp: 63637

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.5	30.7
77	20.2	13.5	20.3

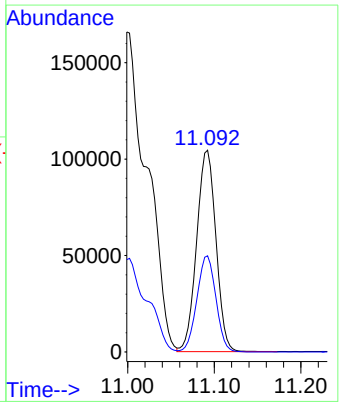


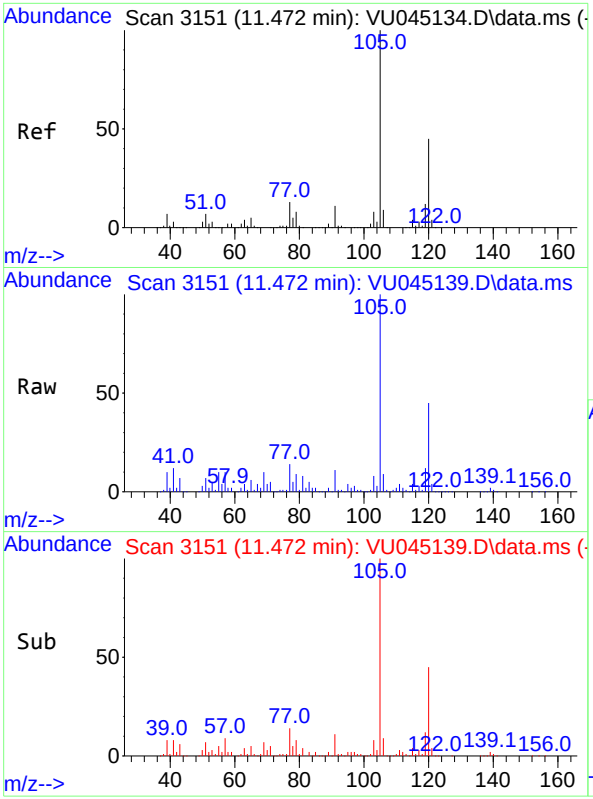


#62
1,3,5-Trimethylbenzene
Concen: 19.46 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Tgt Ion:105 Resp: 161816

Ion	Ratio	Lower	Upper
105	100		
120	47.1	38.8	58.2

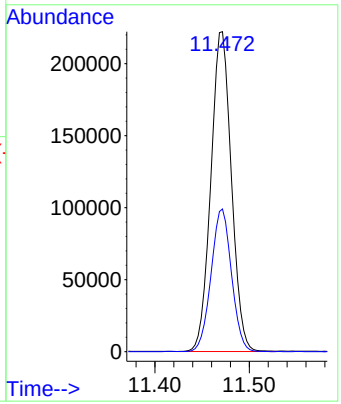




#63
1,2,4-Trimethylbenzene
Concen: 39.29 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Tgt Ion:105 Resp: 334612

Ion	Ratio	Lower	Upper
105	100		
120	44.5	35.7	53.5



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