Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
Data File : VU051556.D
Acq On : 27 Oct 2022 22:11
Operator : JC/MD
Sample : N5300-02DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA73DL

Quant Time: Oct 28 00:13:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 00:08:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	269422	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	259623	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118027	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76155	3.504	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.000%			
7) Chloroethane-d5	1.909	69	77644	4.158	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.200%			
11) 1,1-Dichloroethene-d2	2.565	65	28347	3.300	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.000%			
20) 2-Butanone-d5	4.620	46	253328	52.944	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.880%			
24) Chloroform-d	5.060	84	155531	3.839	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.800%			
26) 1,2-Dichloroethane-d4	5.700	65	87934	4.208	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.200%			
32) Benzene-d6	5.726	84	311111	4.356	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.200%			
36) 1,2-Dichloropropane-d6	6.687	67	107317	4.424	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.400%			
41) Toluene-d8	7.896	98	230185	3.602	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.000%			
43) trans-1,3-Dichloroprop...	8.179	79	28266	3.547	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.000%			
46) 2-Hexanone-d5	8.632	63	194605	72.456	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 144.920%#			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	95400	4.924	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	95791	4.669	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.400%			
Target Compounds						Qvalue
16) Methylene chloride	3.044	84	12543	0.432	ug/L	89
33) Benzene	5.771	78	2582244	29.793	ug/L	100
51) Chlorobenzene	9.446	112	61751	1.123	ug/L	98
52) Ethylbenzene	9.568	91	97973	1.185	ug/L	97
53) m,p-Xylene	9.690	106	12584	0.392	ug/L	97
60) Isopropylbenzene	10.481	105	36652	0.490	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	103393	1.844	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	7017	0.193	ug/L	86
67) 1,2-Dichlorobenzene	12.208	146	5033	0.140	ug/L	97

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

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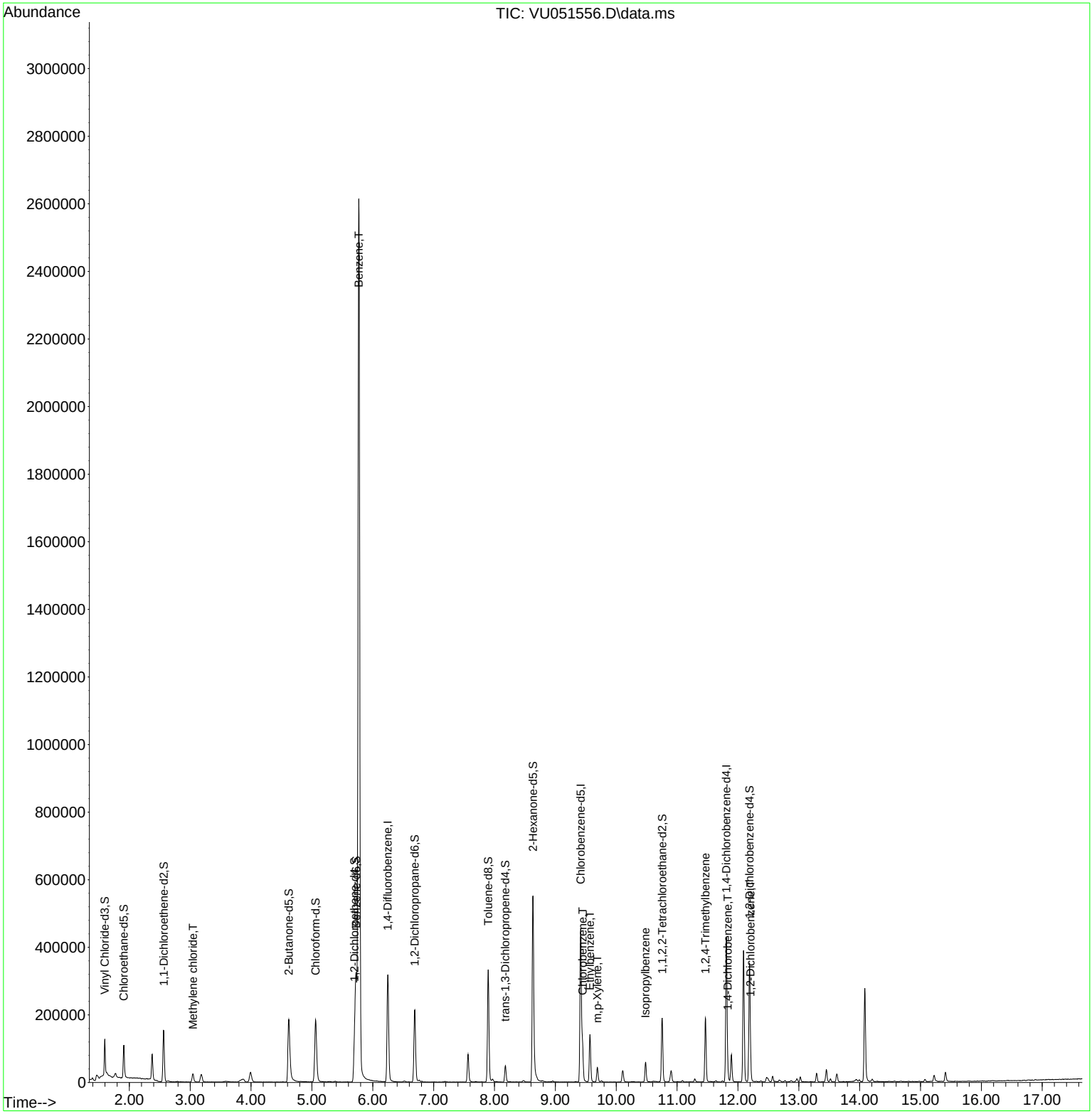
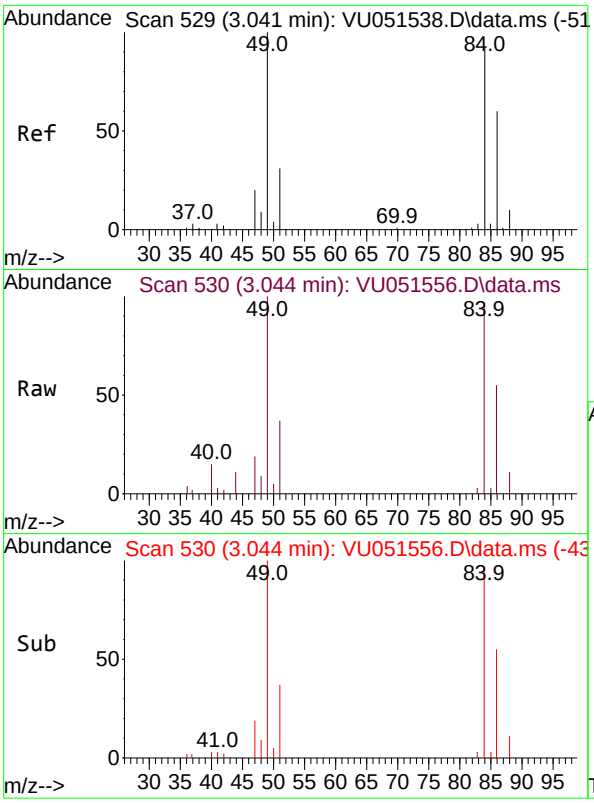


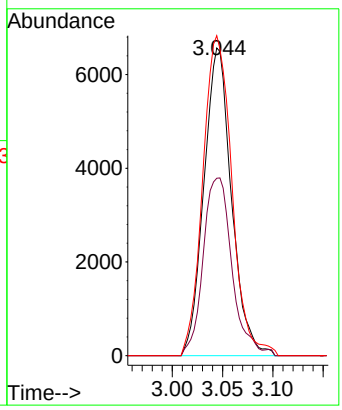


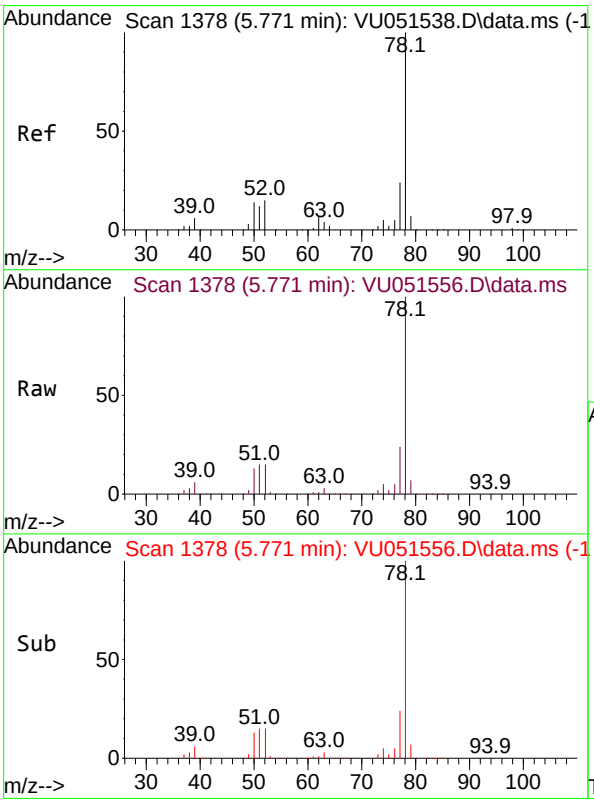
#16
Methylene chloride
Concen: 0.432 ug/L
RT: 3.044 min Scan# 5
Delta R.T. 0.003 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

Instrument :
MSVOA_U
ClientSampleId :
BHA73DL

Tgt Ion: 84 Resp: 12543

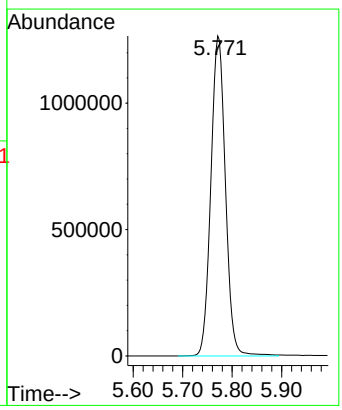
Ion	Ratio	Lower	Upper
84	100		
86	57.6	46.5	86.3
49	104.0	81.3	151.1

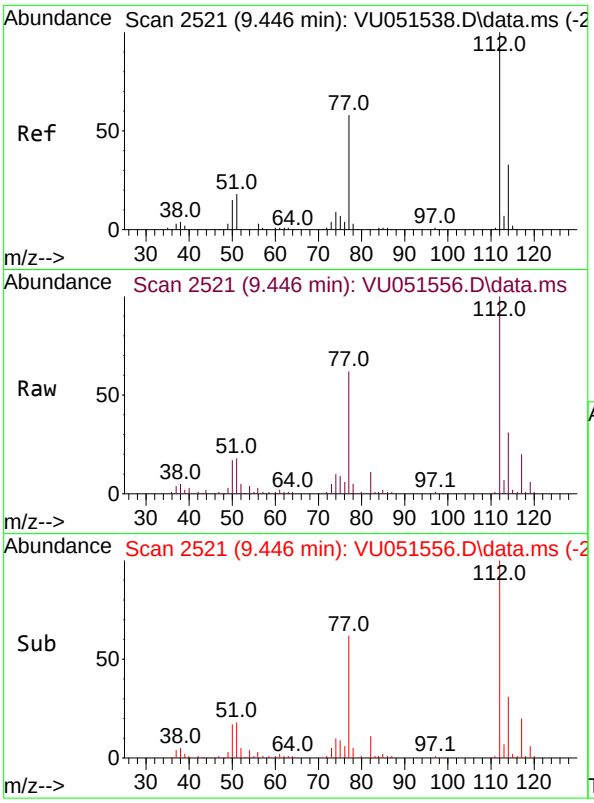




#33
Benzene
Concen: 29.793 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

Tgt Ion: 78 Resp: 2582244



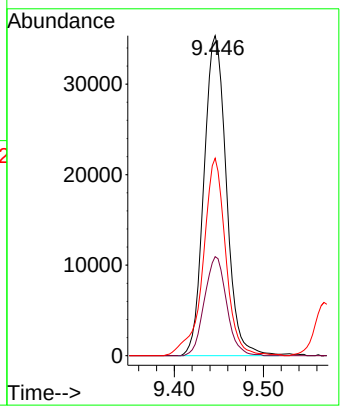


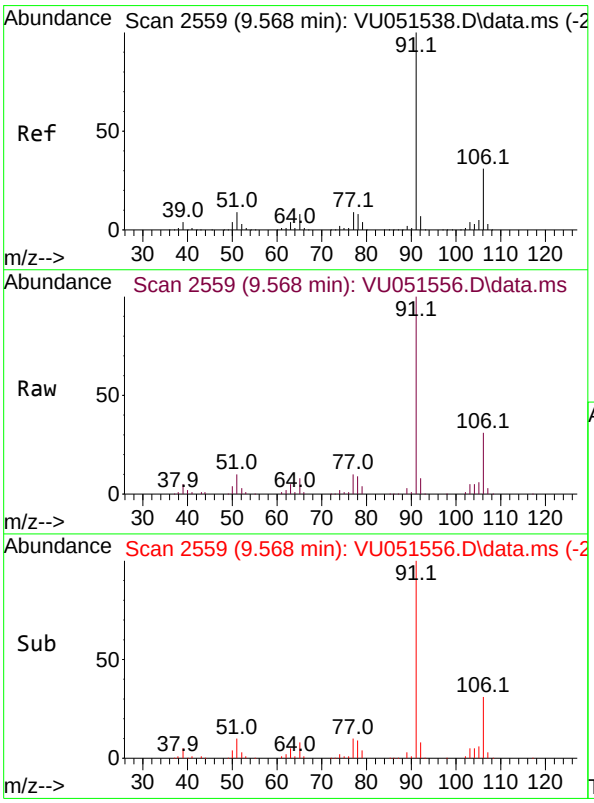
#51
Chlorobenzene
Concen: 1.123 ug/L
RT: 9.446 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

Instrument :
MSVOA_U
ClientSampleId :
BHA73DL

Tgt Ion:112 Resp: 61751

Ion	Ratio	Lower	Upper
112	100		
114	30.9	22.3	41.5
77	61.7	48.1	72.1

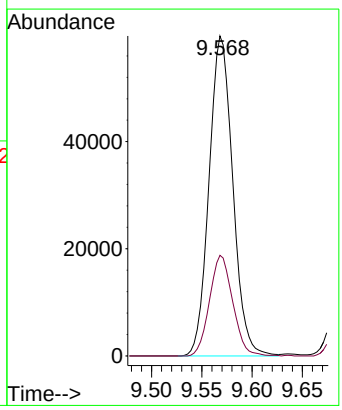


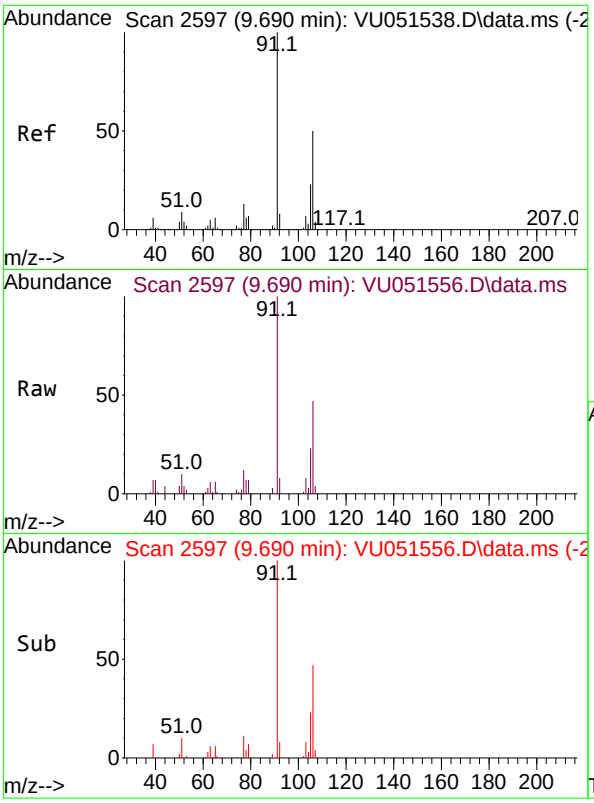


#52
Ethylbenzene
Concen: 1.185 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

Tgt Ion: 91 Resp: 97973

Ion	Ratio	Lower	Upper
91	100		
106	31.4	20.9	38.7



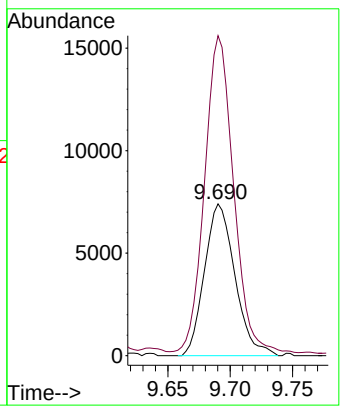


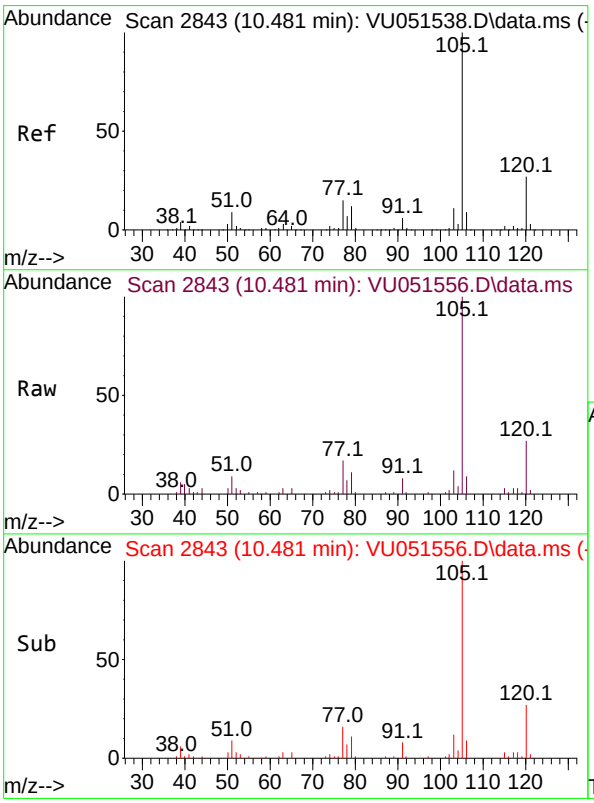
#53
m,p-Xylene
Concen: 0.392 ug/L
RT: 9.690 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

Instrument :
MSVOA_U
ClientSampleId :
BHA73DL

Tgt Ion:106 Resp: 12584

Ion	Ratio	Lower	Upper
106	100		
91	210.6	143.9	267.3

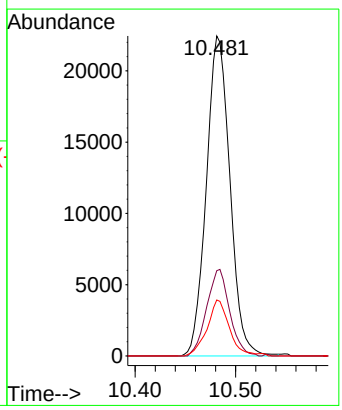


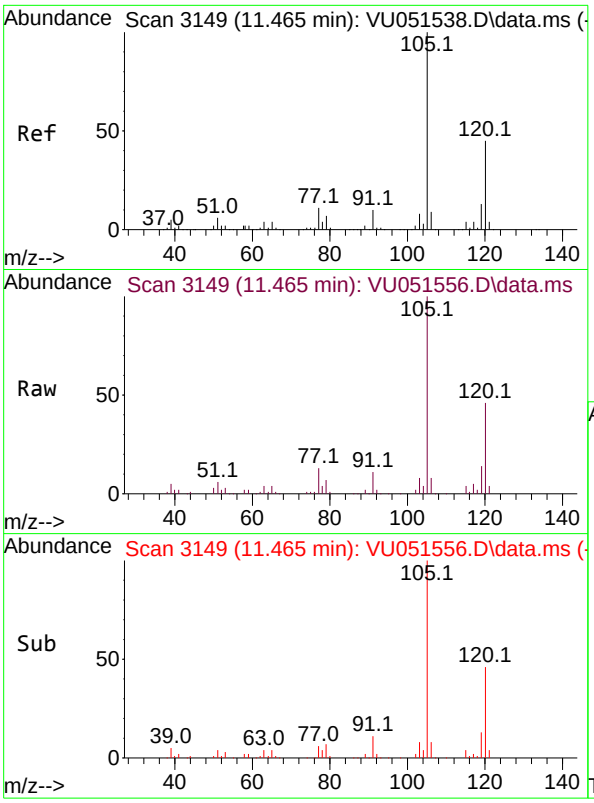


#60
Isopropylbenzene
Concen: 0.490 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

Tgt Ion:105 Resp: 36652

Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.6	30.8
77	16.6	13.5	20.3



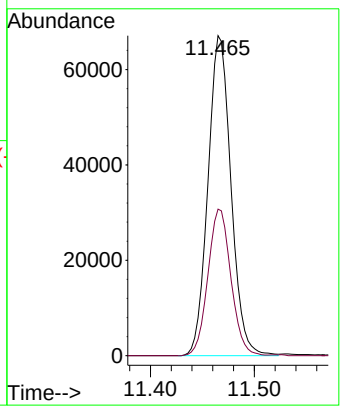


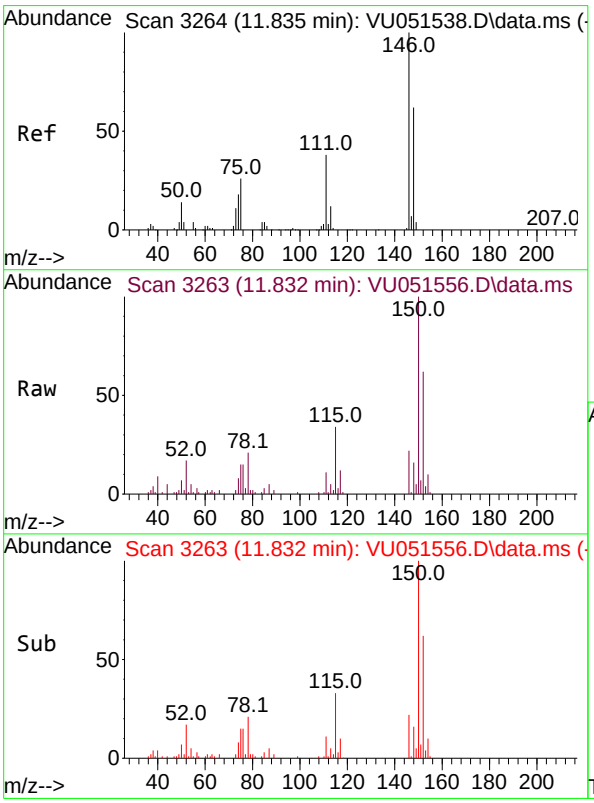
#63
1,2,4-Trimethylbenzene
Concen: 1.844 ug/L
RT: 11.465 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

Instrument :
MSVOA_U
ClientSampleId :
BHA73DL

Tgt Ion:105 Resp: 103393

Ion	Ratio	Lower	Upper
105	100		
120	45.7	35.6	53.4

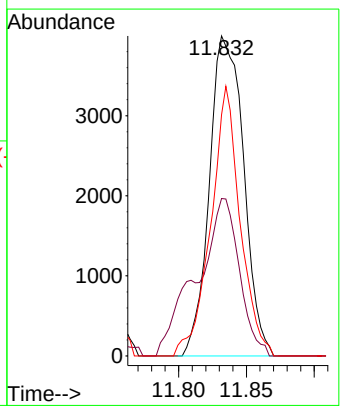


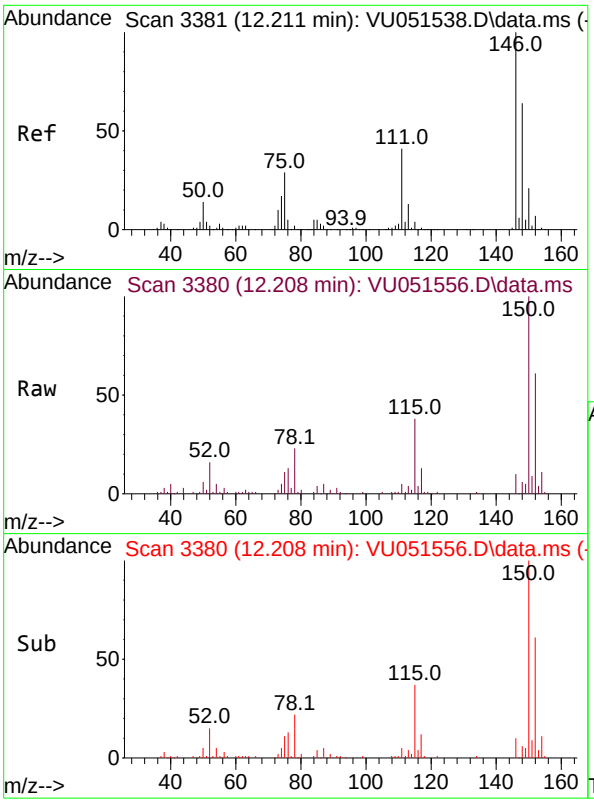


#65
1,4-Dichlorobenzene
Concen: 0.193 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

Tgt Ion:146 Resp: 7017

Ion	Ratio	Lower	Upper
146	100		
111	49.2	29.1	54.1
148	75.4	44.2	82.0





#67
1,2-Dichlorobenzene
Concen: 0.140 ug/L
RT: 12.208 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

Instrument :
MSVOA_U
ClientSampleId :
BHA73DL

Tgt Ion:146 Resp: 5033

Ion	Ratio	Lower	Upper
146	100		
111	49.1	35.5	53.3
148	63.6	50.9	76.3