Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
Data File : VV038053.D
Acq On : 13 Nov 2024 18:46
Operator : SY/MD
Sample : P4761-03 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A0AL4

Quant Time: Nov 14 01:01:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 13 00:39:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	293889	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	303160	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	151495	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	74363	2.907	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	58.200%		
7) Chloroethane-d5	1.526	69	72857	3.494	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	69.800%		
11) 1,1-Dichloroethene-d2	2.047	65	36390	3.246	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	65.000%		
20) 2-Butanone-d5	3.831	46	243773	41.469	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery =	82.940%		
24) Chloroform-d	4.236	84	186631	3.871	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	77.400%		
26) 1,2-Dichloroethane-d4	4.934	65	90447	3.950	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	79.000%		
32) Benzene-d6	4.947	84	335928	3.586	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	71.800%		
36) 1,2-Dichloropropane-d6	5.982	67	112061	3.819	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	76.400%		
41) Toluene-d8	7.236	98	272520	3.181	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	63.600%#		
43) trans-1,3-Dichloroprop...	7.555	79	42266	3.553	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	71.000%		
46) 2-Hexanone-d5	8.030	63	242219	45.551	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	91.100%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	108273	4.461	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	89.200%		
66) 1,2-Dichlorobenzene-d4	11.554	152	131936	4.189	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	83.800%		
Target Compounds						Qvalue
35) Methylcyclohexane	6.037	83	11948	0.300	ug/L	92
42) Toluene	7.323	91	24950	0.248	ug/L	91
51) Chlorobenzene	8.809	112	219941	3.205	ug/L	98
52) Ethylbenzene	8.953	91	11816	0.108	ug/L	98
53) m,p-Xylene	9.072	106	19870	0.482	ug/L	97
54) o-Xylene	9.481	106	6479	0.162	ug/L	84
63) 1,2,4-Trimethylbenzene	10.850	105	12405	0.153	ug/L	91

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

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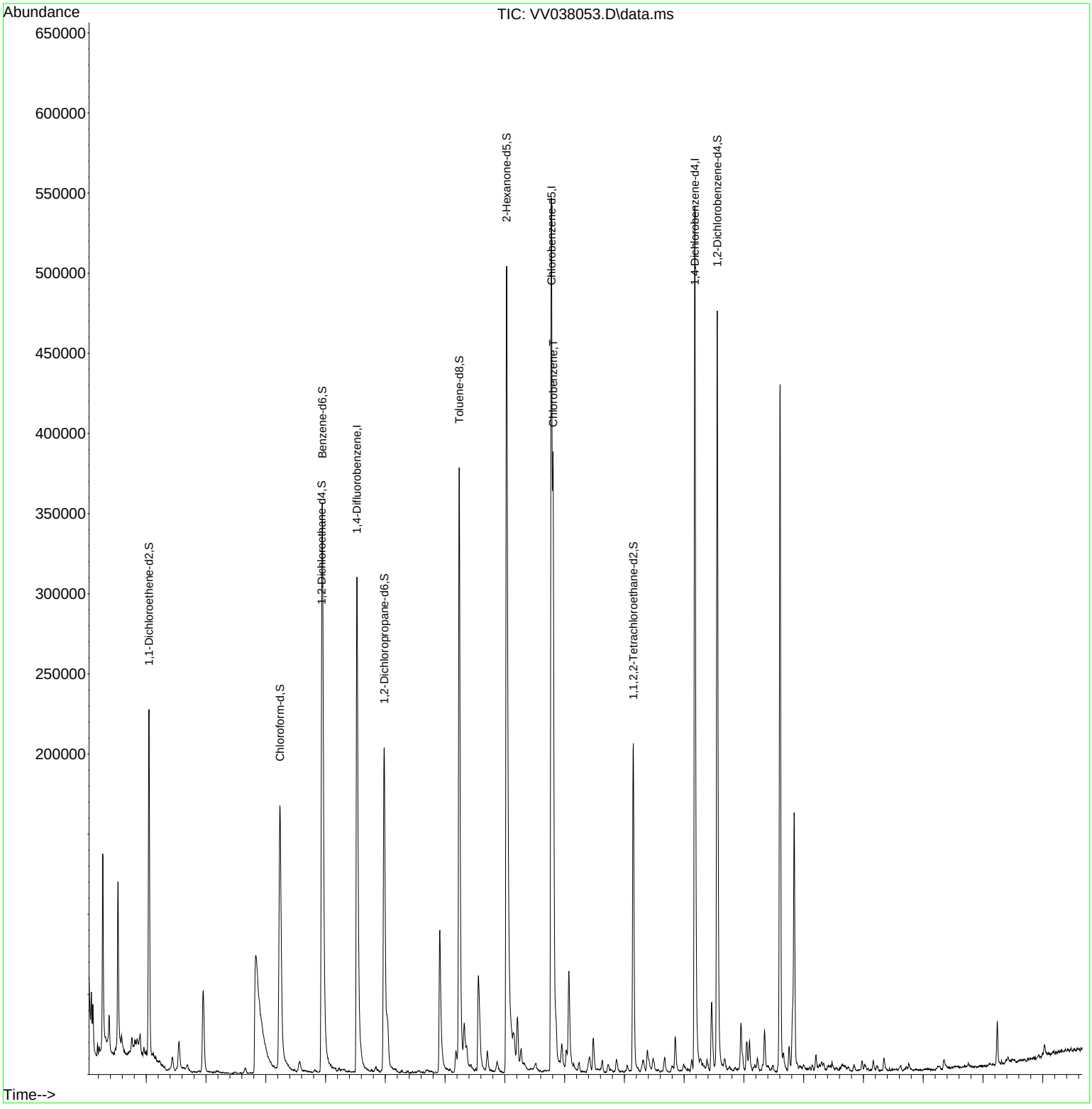
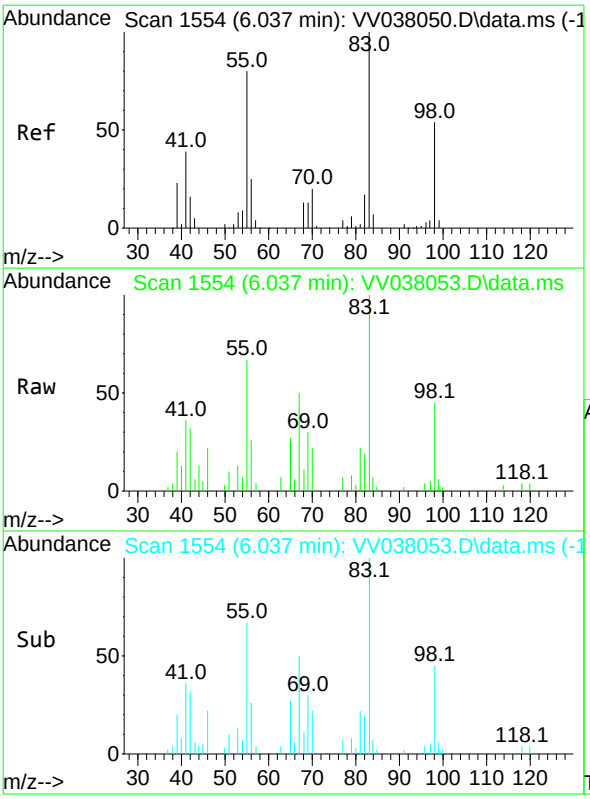


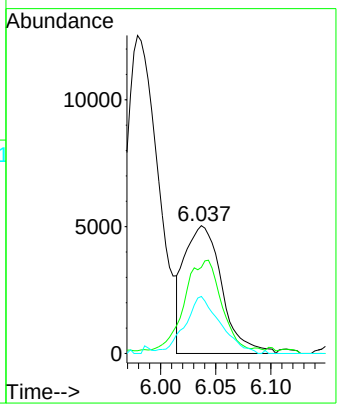


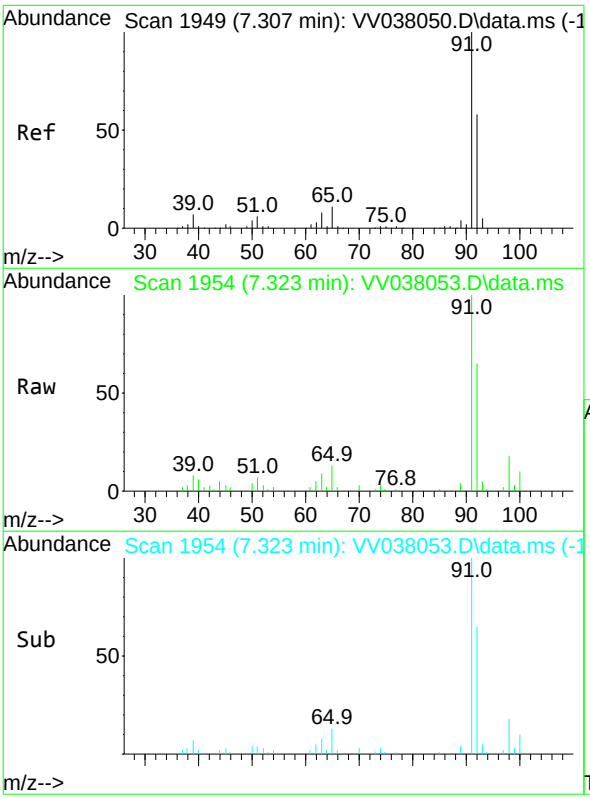
#35
Methylcyclohexane
Concen: 0.300 ug/L
RT: 6.037 min Scan# 15
Delta R.T. -0.003 min
Lab File: VV038053.D
Acq: 13 Nov 2024 18:46

Instrument :
MSVOA_V
ClientSampleId :
A0AL4

Tgt Ion: 83 Resp: 11948

Ion	Ratio	Lower	Upper
83	100		
55	68.9	58.8	88.2
98	42.0	40.2	60.2

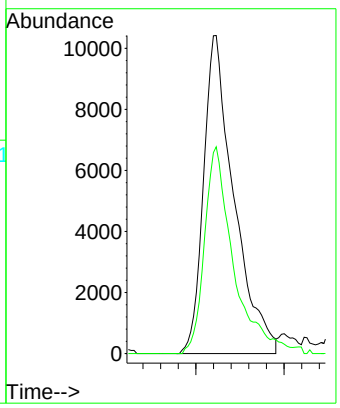


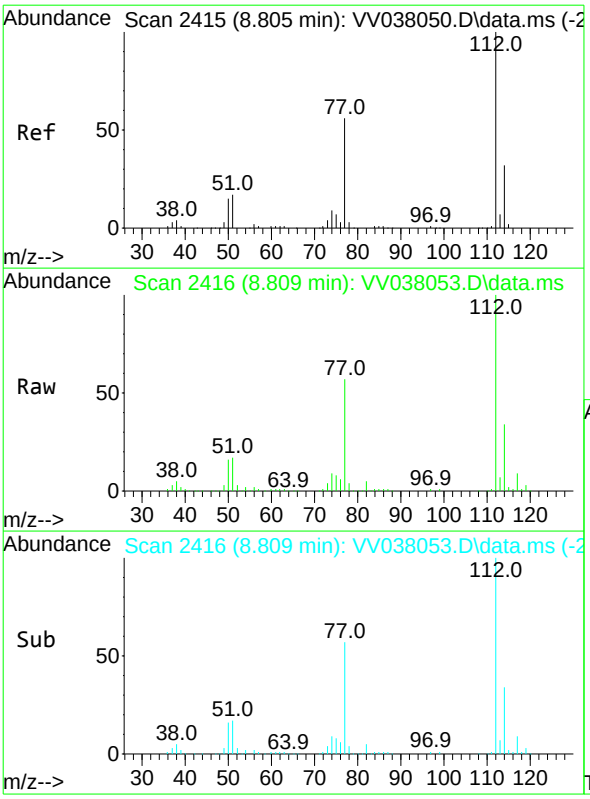


#42
Toluene
Concen: 0.248 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.016 min
Lab File: VV038053.D
Acq: 13 Nov 2024 18:46

Tgt Ion: 91 Resp: 24950

Ion	Ratio	Lower	Upper
91	100		
92	65.0	40.7	75.7



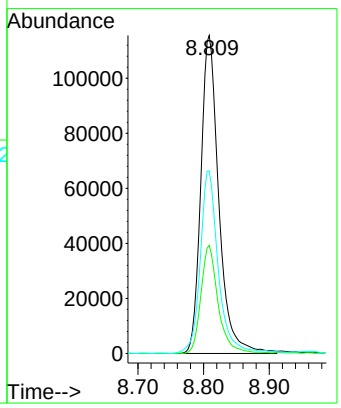


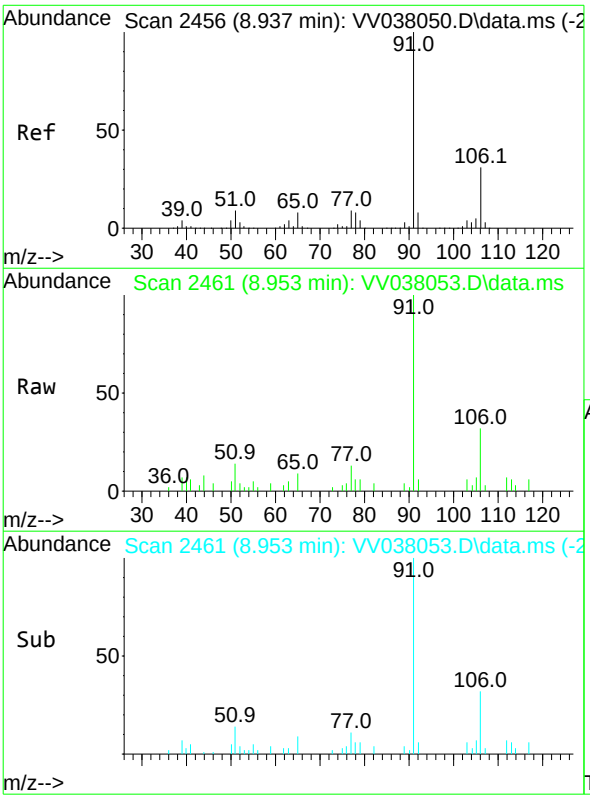
#51
Chlorobenzene
Concen: 3.205 ug/L
RT: 8.809 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV038053.D
Acq: 13 Nov 2024 18:46

Instrument :
MSVOA_V
ClientSampleId :
A0AL4

Tgt Ion:112 Resp: 219941

Ion	Ratio	Lower	Upper
112	100		
114	34.0	22.3	41.3
77	57.4	46.5	69.7

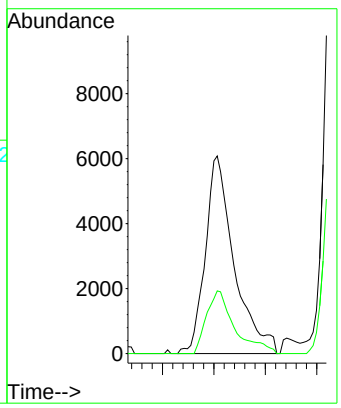


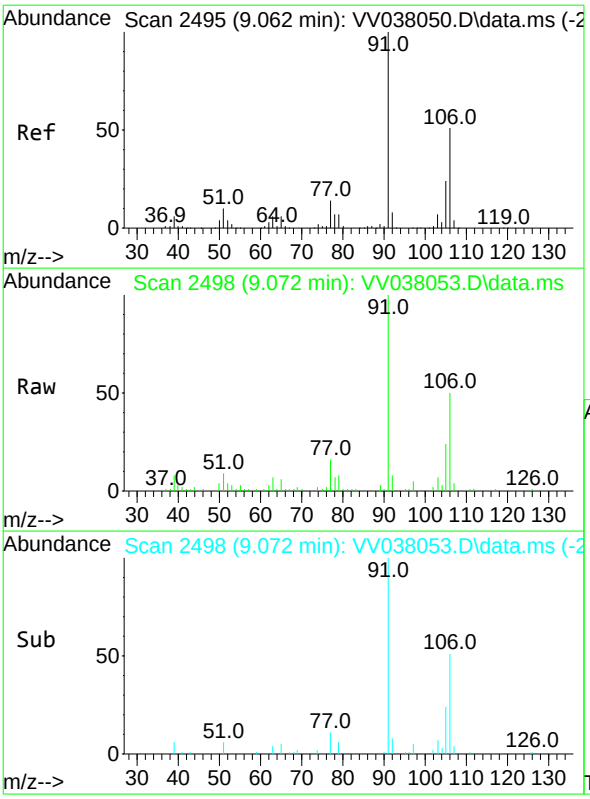


#52
Ethylbenzene
Concen: 0.108 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.016 min
Lab File: VV038053.D
Acq: 13 Nov 2024 18:46

Tgt Ion: 91 Resp: 11816

Ion	Ratio	Lower	Upper
91	100		
106	31.7	21.6	40.0



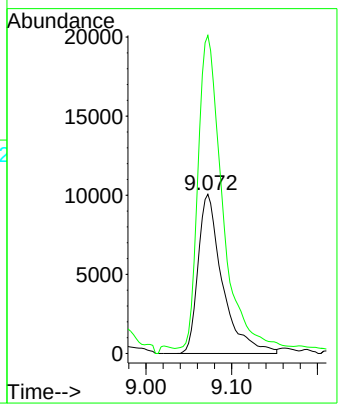


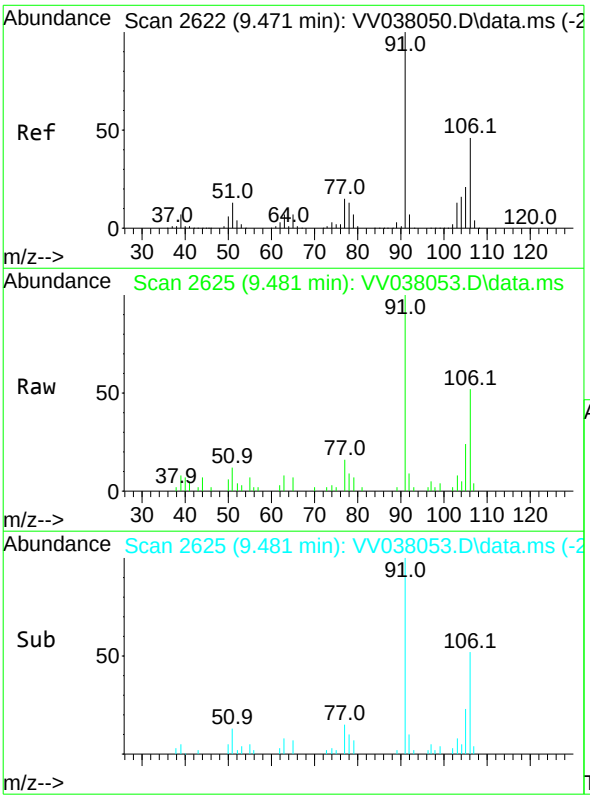
#53
m,p-Xylene
Concen: 0.482 ug/L
RT: 9.072 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV038053.D
Acq: 13 Nov 2024 18:46

Instrument :
MSVOA_V
ClientSampleId :
A0AL4

Tgt Ion:106 Resp: 19870

Ion	Ratio	Lower	Upper
106	100		
91	199.7	142.7	264.9

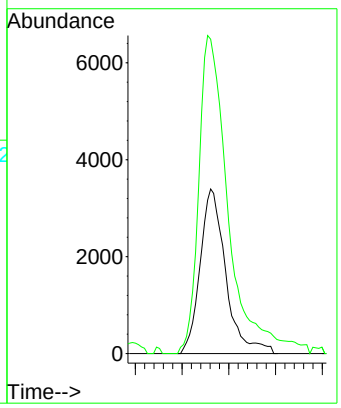


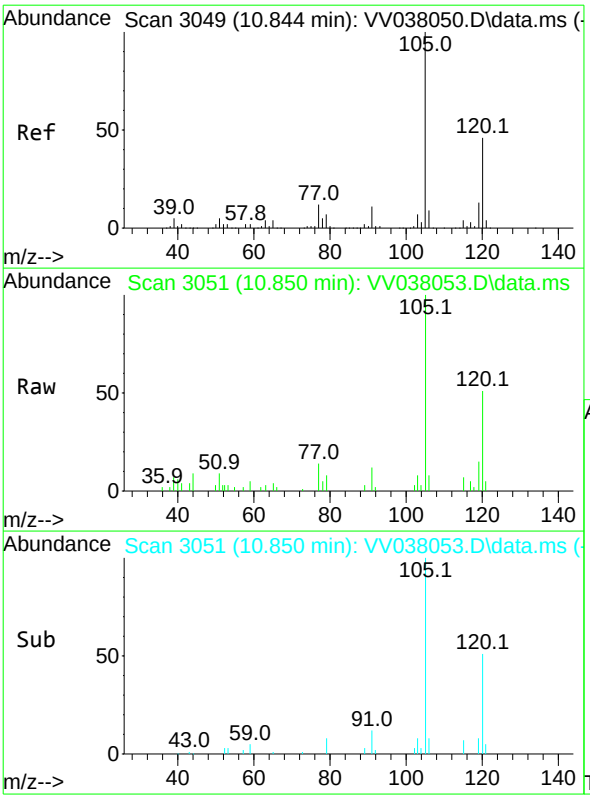


#54
o-Xylene
Concen: 0.162 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.010 min
Lab File: VV038053.D
Acq: 13 Nov 2024 18:46

Tgt Ion:106 Resp: 6479

Ion	Ratio	Lower	Upper
106	100		
91	191.0	151.0	280.4





#63
1,2,4-Trimethylbenzene
Concen: 0.153 ug/L
RT: 10.850 min Scan# 30
Delta R.T. 0.006 min
Lab File: VV038053.D
Acq: 13 Nov 2024 18:46

Instrument :
MSVOA_V
ClientSampleId :
A0AL4

Tgt Ion:105 Resp: 12405

Ion	Ratio	Lower	Upper
105	100		
120	50.9	36.1	54.1