Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032631.D
Acq On : 25 Oct 2023 14:27
Operator : SY/MD
Sample : 04992-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ9

Quant Time: Oct 26 05:02:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 26 04:59:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	109038	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	130147	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	73073	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37559	4.235	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.800%			
7) Chloroethane-d5	1.532	69	36535	5.075	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.600%			
11) 1,1-Dichloroethene-d2	2.060	65	14593	3.902	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.000%			
20) 2-Butanone-d5	3.802	46	86524	38.570	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 77.140%			
24) Chloroform-d	4.252	84	65947	4.216	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.400%			
26) 1,2-Dichloroethane-d4	4.947	65	33813	4.563	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.200%			
32) Benzene-d6	4.963	84	129800	3.389	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 67.800%#			
36) 1,2-Dichloropropane-d6	5.992	67	40320	3.178	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 63.600%			
41) Toluene-d8	7.246	98	127688	3.646	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.000%			
43) trans-1,3-Dichloroprop...	7.558	79	16718	3.718	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.400%			
46) 2-Hexanone-d5	8.027	63	79162	37.421	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 74.840%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	39565	4.458	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.200%			
66) 1,2-Dichlorobenzene-d4	11.564	152	56503	4.167	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.400%			
Target Compounds						Qvalue
13) Acetone	2.130	43	11633	6.728	ug/L	92
14) Carbon disulfide	2.243	76	4772	0.171	ug/L	96
35) Methylcyclohexane	6.050	83	7219	0.373	ug/L #	90
52) Ethylbenzene	8.950	91	72856	1.339	ug/L	99
53) m,p-Xylene	9.072	106	46684	2.314	ug/L	94
60) Isopropylbenzene	9.870	105	104199	1.835	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	305977	6.611	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	337303	7.320	ug/L	99

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

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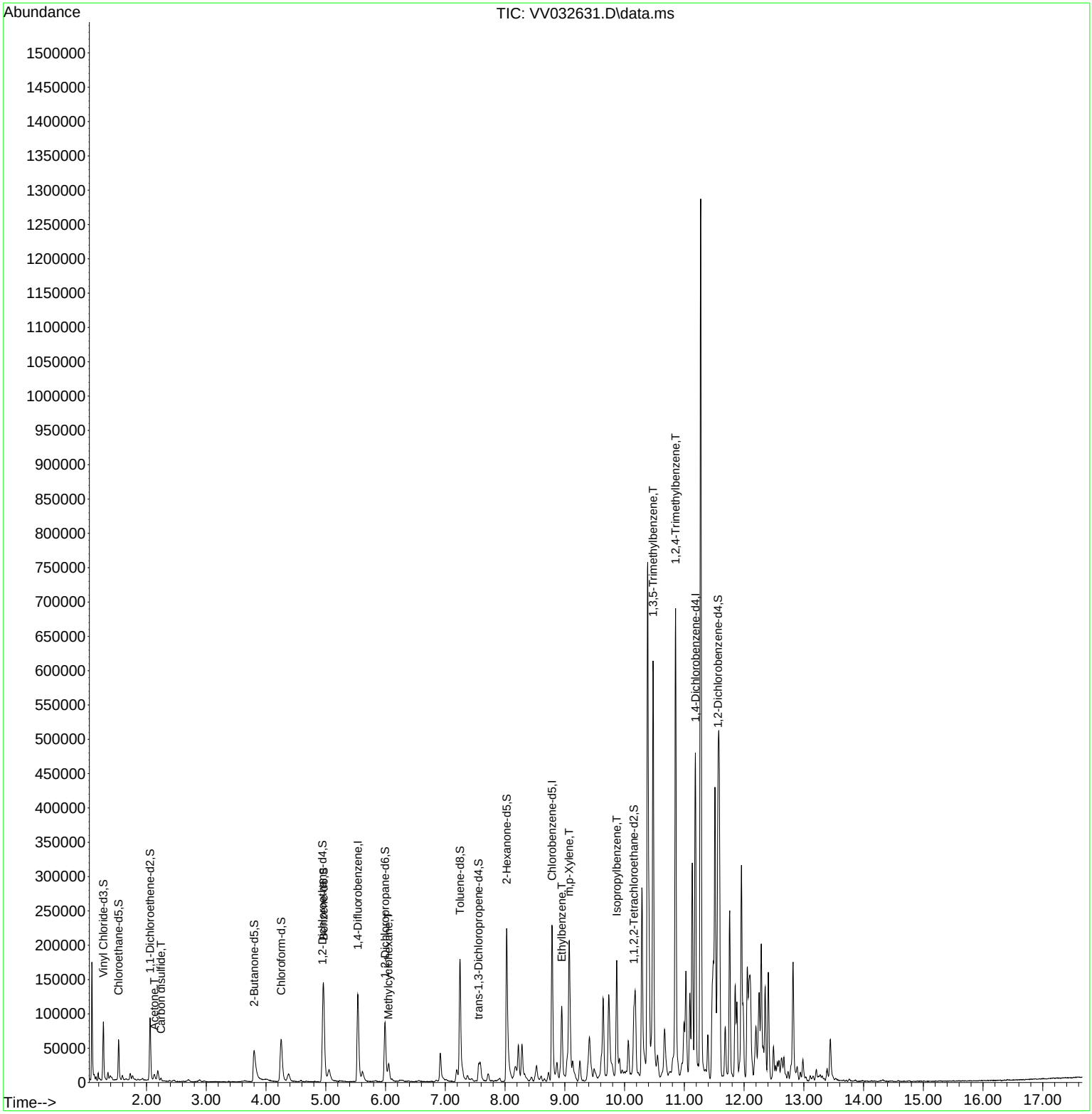
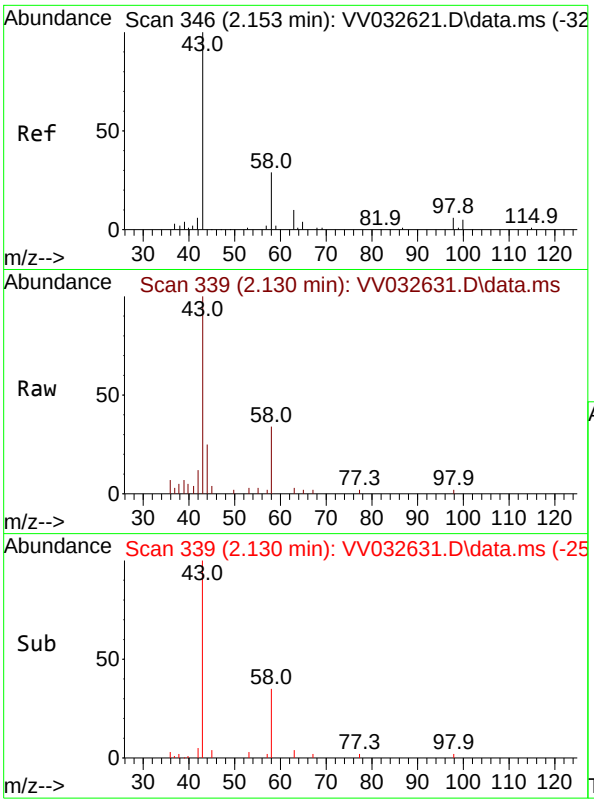


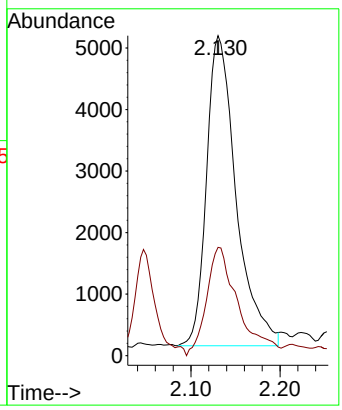


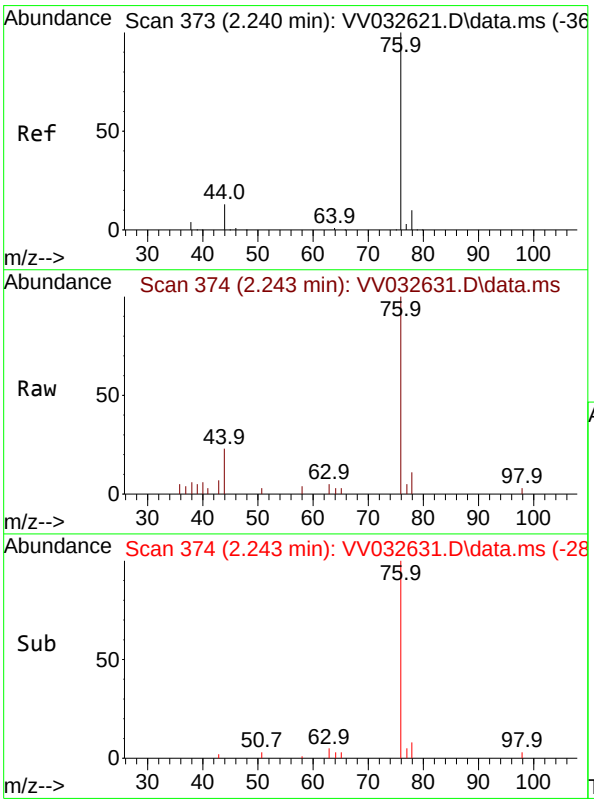
#13
Acetone
Concen: 6.728 ug/L
RT: 2.130 min Scan# 3
Delta R.T. -0.022 min
Lab File: VV032631.D
Acq: 25 Oct 2023 14:27

Instrument :
MSVOA_V
ClientSampleId :
C0AJ9

Tgt Ion: 43 Resp: 11633

Ion	Ratio	Lower	Upper
43	100		
58	37.6	0.0	66.0

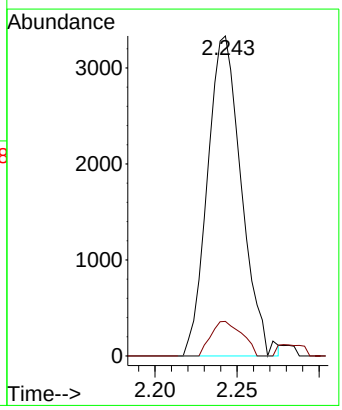


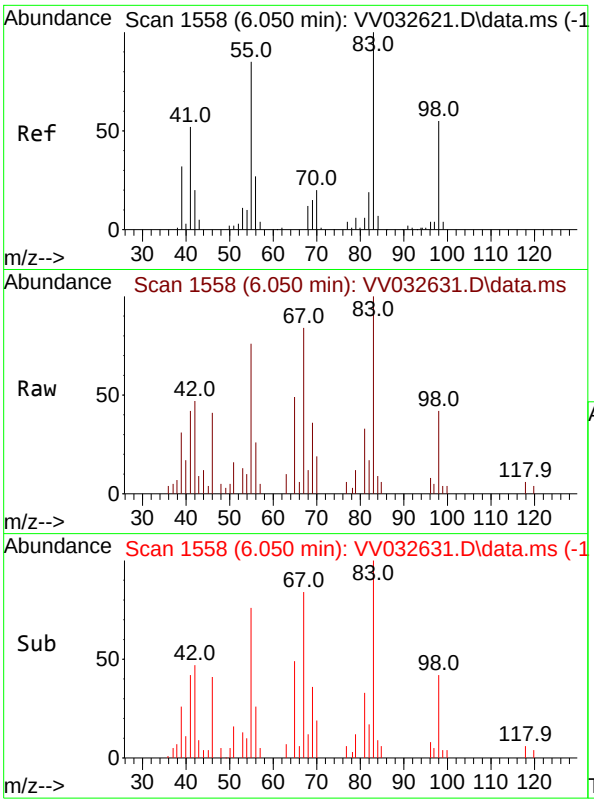


#14
Carbon disulfide
Concen: 0.171 ug/L
RT: 2.243 min Scan# 374
Delta R.T. 0.003 min
Lab File: VV032631.D
Acq: 25 Oct 2023 14:27

Tgt Ion: 76 Resp: 4772

Ion	Ratio	Lower	Upper
76	100		
78	10.8	7.4	11.2



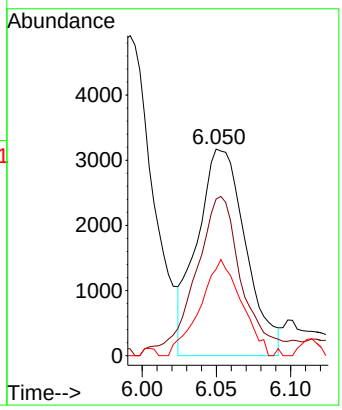


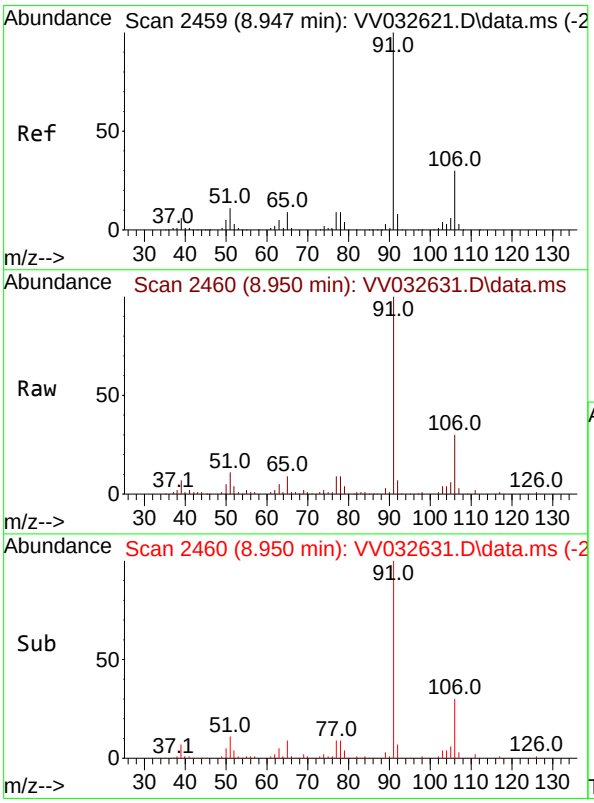
#35
Methylcyclohexane
Concen: 0.373 ug/L
RT: 6.050 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV032631.D
Acq: 25 Oct 2023 14:27

Instrument :
MSVOA_V
ClientSampleId :
C0AJ9

Tgt Ion: 83 Resp: 7219

Ion	Ratio	Lower	Upper
83	100		
55	74.1	64.2	96.2
98	39.4	39.6	59.4#

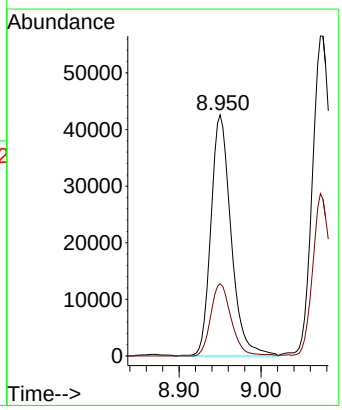


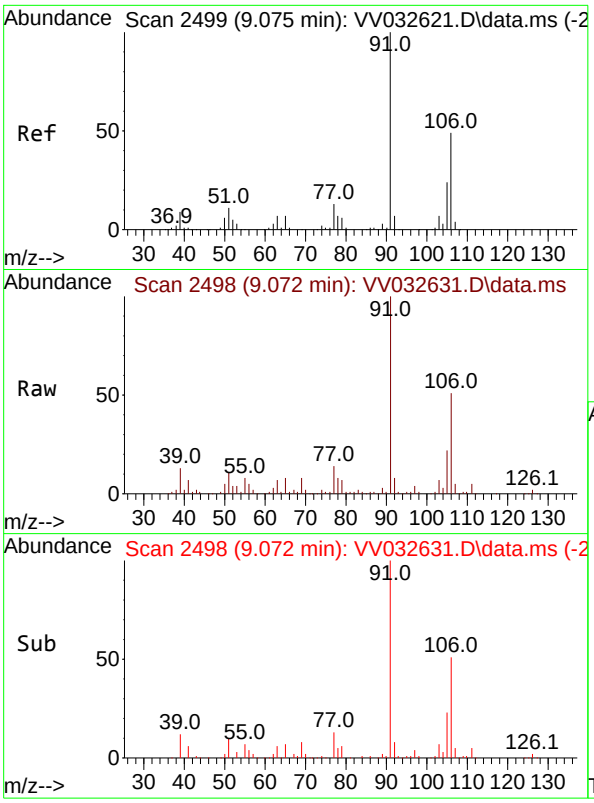


#52
Ethylbenzene
Concen: 1.339 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV032631.D
Acq: 25 Oct 2023 14:27

Tgt Ion: 91 Resp: 72856

Ion	Ratio	Lower	Upper
91	100		
106	29.9	21.3	39.5



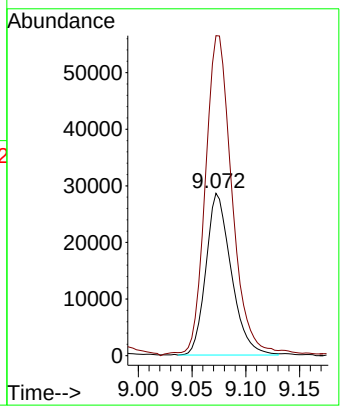


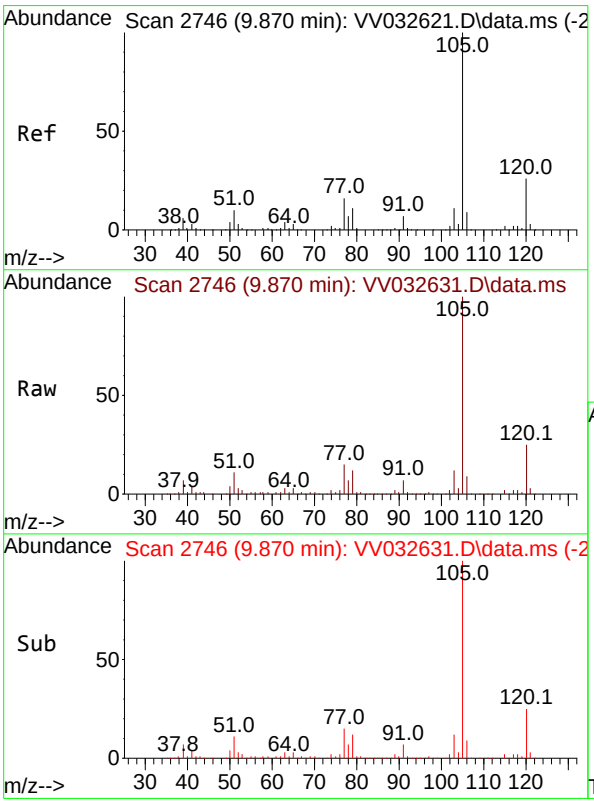
#53
m,p-Xylene
Concen: 2.314 ug/L
RT: 9.072 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV032631.D
Acq: 25 Oct 2023 14:27

Instrument :
MSVOA_V
ClientSampleId :
C0AJ9

Tgt Ion:106 Resp: 46684

Ion	Ratio	Lower	Upper
106	100		
91	197.1	144.5	268.3

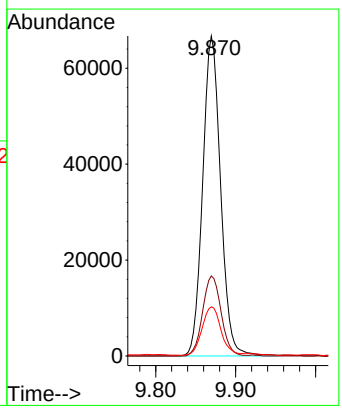


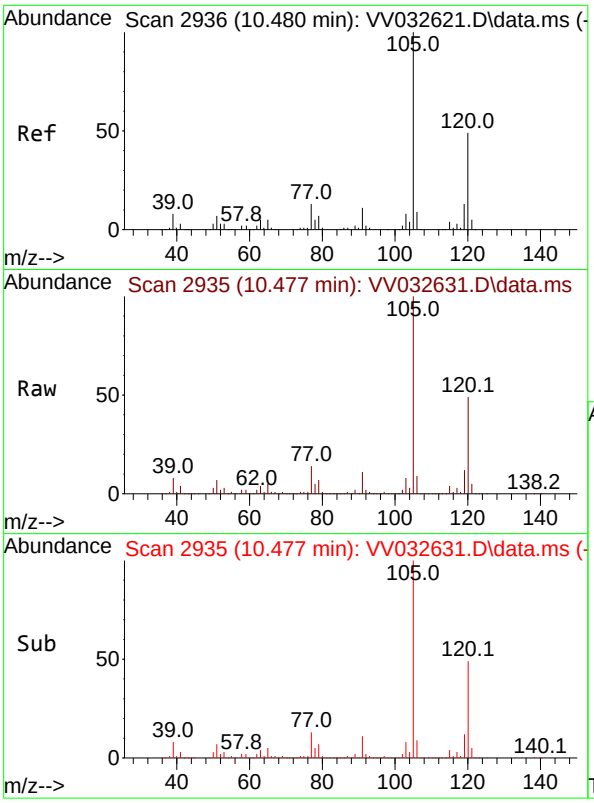


#60
Isopropylbenzene
Concen: 1.835 ug/L
RT: 9.870 min Scan# 2746
Delta R.T. 0.000 min
Lab File: VV032631.D
Acq: 25 Oct 2023 14:27

Tgt Ion:105 Resp: 104199

Ion	Ratio	Lower	Upper
105	100		
120	25.7	21.0	31.6
77	16.1	12.6	19.0



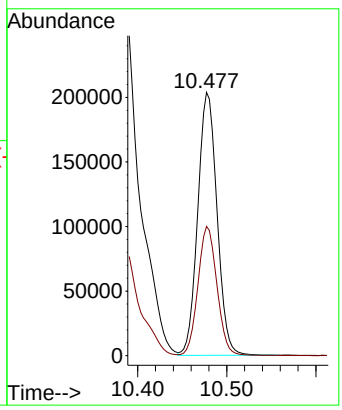


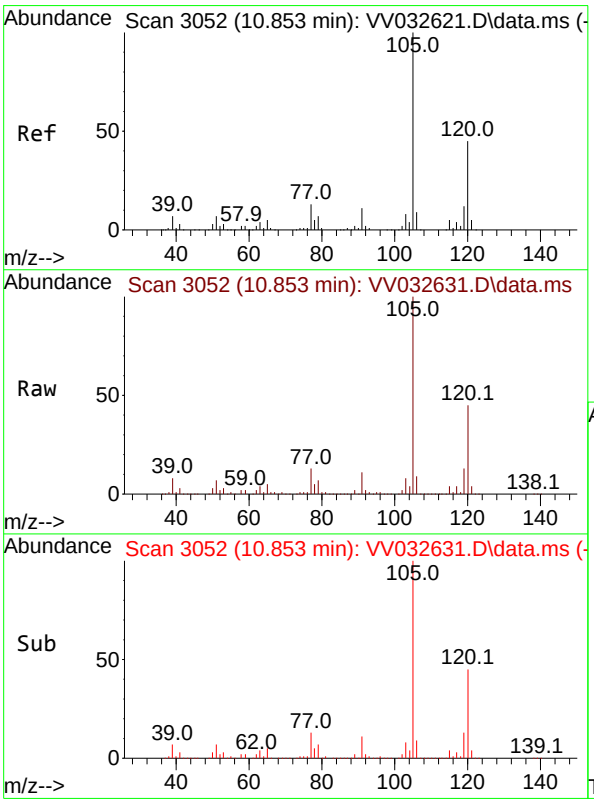
#62
1,3,5-Trimethylbenzene
Concen: 6.611 ug/L
RT: 10.477 min Scan# 2
Delta R.T. -0.003 min
Lab File: VV032631.D
Acq: 25 Oct 2023 14:27

Instrument :
MSVOA_V
ClientSampleId :
C0AJ9

Tgt Ion:105 Resp: 305977

Ion	Ratio	Lower	Upper
105	100		
120	48.2	39.9	59.9





#63
1,2,4-Trimethylbenzene
Concen: 7.320 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VV032631.D
Acq: 25 Oct 2023 14:27

Tgt Ion:105 Resp: 337303

Ion	Ratio	Lower	Upper
105	100		
120	44.8	36.2	54.4