Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032598.D
Acq On : 24 Oct 2023 18:30
Operator : SY/MD
Sample : 04992-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ9

Quant Time: Oct 25 05:56:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 05:52:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	119433	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	136677	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	73731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31336	3.226	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 64.600%			
7) Chloroethane-d5	1.532	69	33190	4.209	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.200%			
11) 1,1-Dichloroethene-d2	2.060	65	12619	3.080	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.600%			
20) 2-Butanone-d5	3.799	46	135663	55.211	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.420%			
24) Chloroform-d	4.252	84	70257	4.100	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.000%			
26) 1,2-Dichloroethane-d4	4.947	65	39087	4.816	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.400%			
32) Benzene-d6	4.963	84	128787	3.202	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 64.000%#			
36) 1,2-Dichloropropane-d6	5.992	67	44355	3.329	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 66.600%			
41) Toluene-d8	7.246	98	108536	2.951	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 59.000%#			
43) trans-1,3-Dichloroprop...	7.561	79	15912	3.370	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 67.400%			
46) 2-Hexanone-d5	8.027	63	114250	51.427	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.860%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	49621	5.324	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.400%			
66) 1,2-Dichlorobenzene-d4	11.564	152	54110	3.955	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 79.000%#			
Target Compounds						Qvalue
13) Acetone	2.134	43	16166	8.536	ug/L	96
14) Carbon disulfide	2.243	76	8650	0.282	ug/L	96
35) Methylcyclohexane	6.053	83	10263	0.505	ug/L	90
52) Ethylbenzene	8.950	91	123095	2.155	ug/L	99
53) m,p-Xylene	9.072	106	84801	4.003	ug/L	98
60) Isopropylbenzene	9.870	105	161233	2.814	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	575213	12.317	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	604805	13.008	ug/L	99

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

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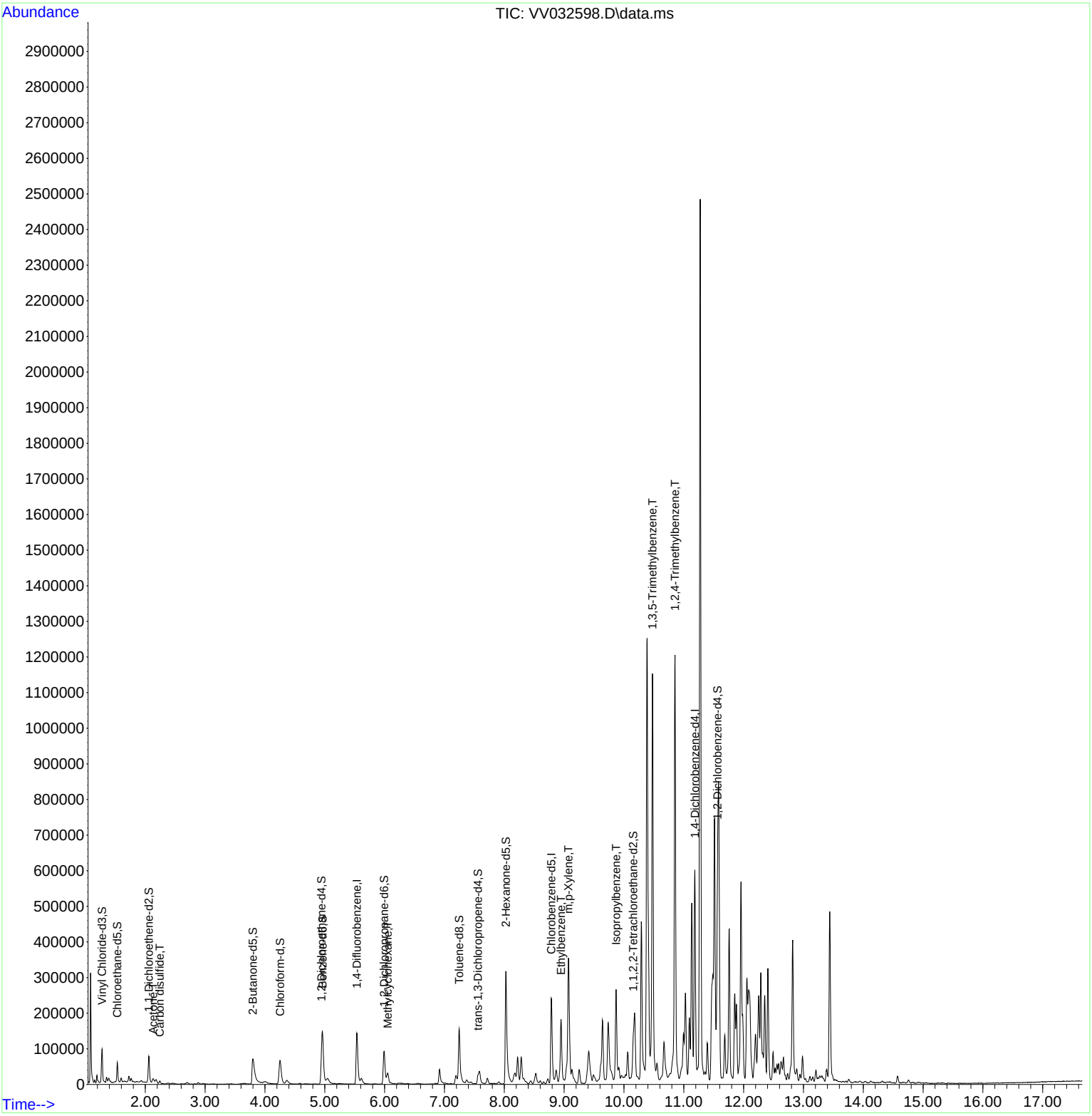
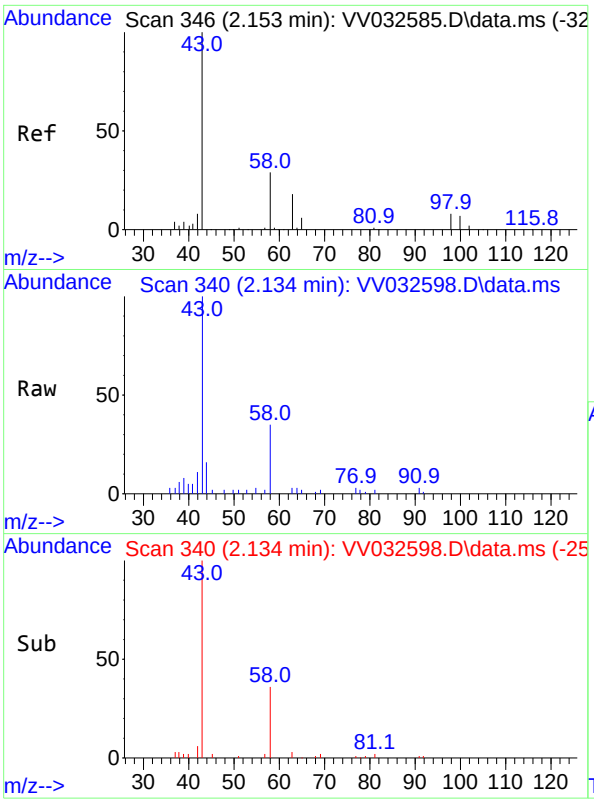
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 05:52:45 2023
Response via : Initial Calibration



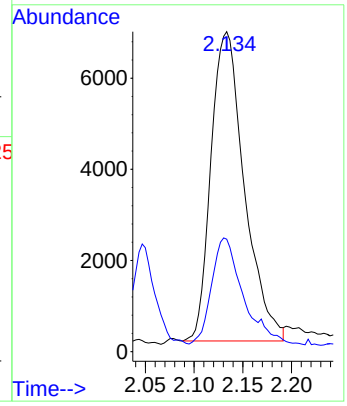


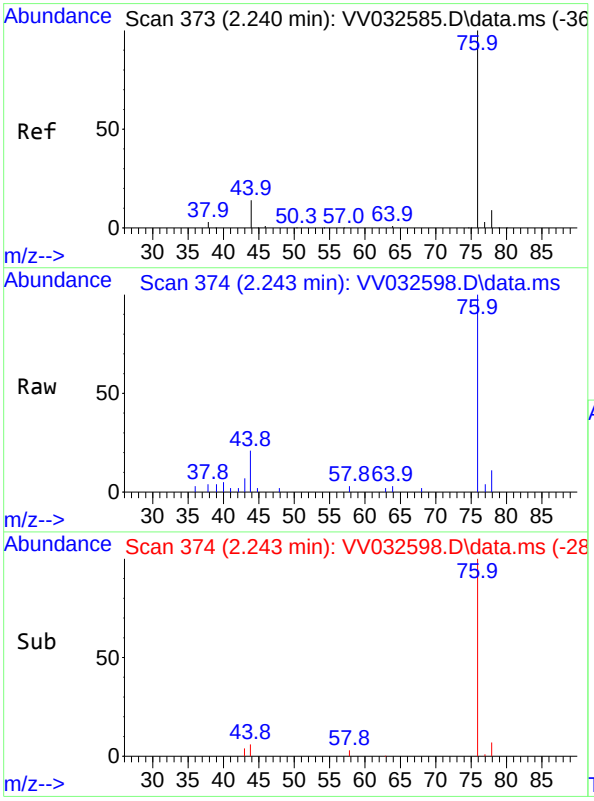
#13
Acetone
Concen: 8.536 ug/L
RT: 2.134 min Scan# 34
Delta R.T. -0.019 min
Lab File: VV032598.D
Acq: 24 Oct 2023 18:30

Instrument :
MSVOA_V
ClientSampleId :
C0AJ9

Tgt Ion: 43 Resp: 16166

Ion	Ratio	Lower	Upper
43	100		
58	35.0	0.0	66.0

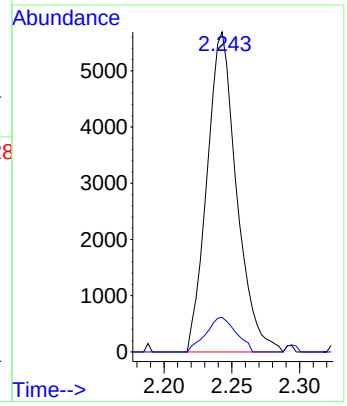


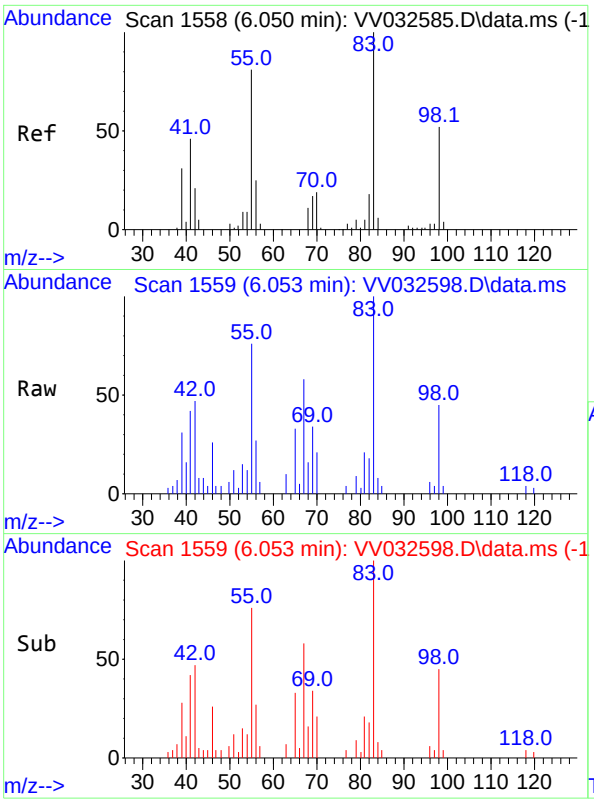


#14
Carbon disulfide
Concen: 0.282 ug/L
RT: 2.243 min Scan# 374
Delta R.T. 0.003 min
Lab File: VV032598.D
Acq: 24 Oct 2023 18:30

Tgt Ion: 76 Resp: 8650

Ion	Ratio	Lower	Upper
76	100		
78	10.8	7.4	11.2



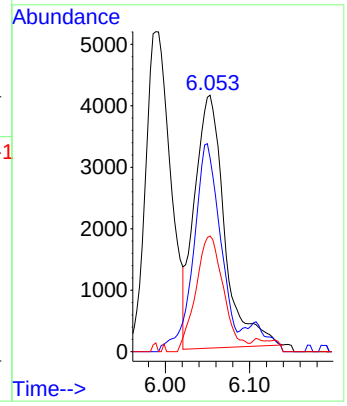


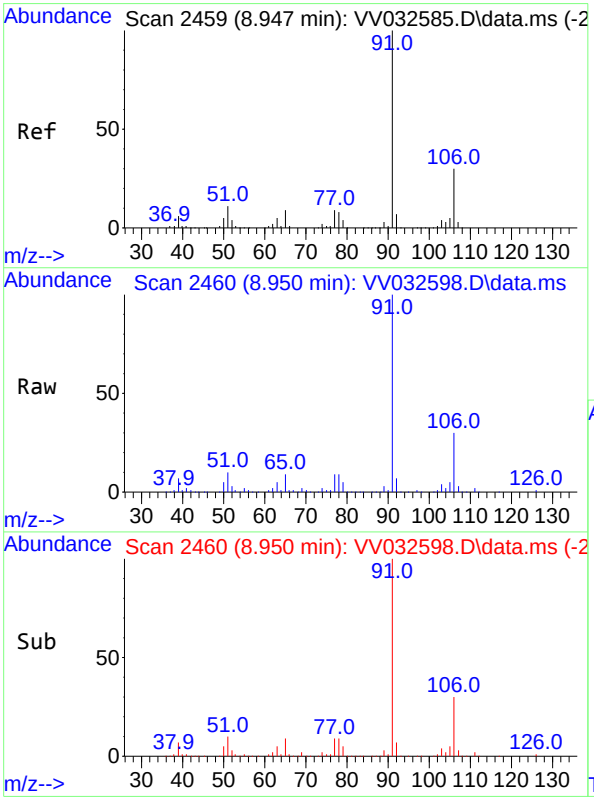
#35
Methylcyclohexane
Concen: 0.505 ug/L
RT: 6.053 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV032598.D
Acq: 24 Oct 2023 18:30

Instrument :
MSVOA_V
ClientSampleId :
C0AJ9

Tgt Ion: 83 Resp: 10263

Ion	Ratio	Lower	Upper
83	100		
55	72.6	64.2	96.2
98	41.9	39.6	59.4

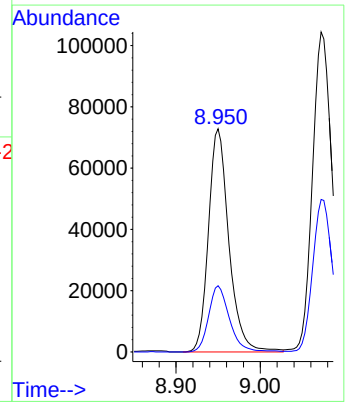


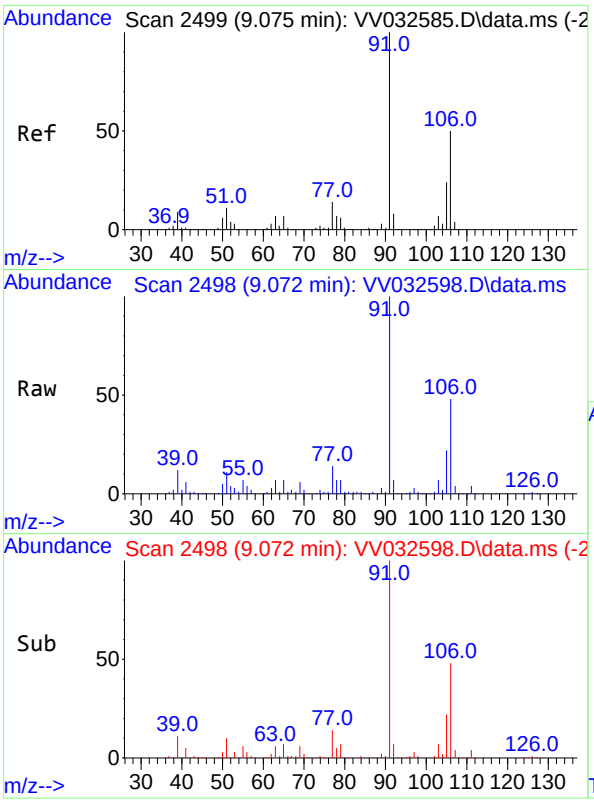


#52
Ethylbenzene
Concen: 2.155 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV032598.D
Acq: 24 Oct 2023 18:30

Tgt Ion: 91 Resp: 123095

Ion	Ratio	Lower	Upper
91	100		
106	29.7	21.3	39.5



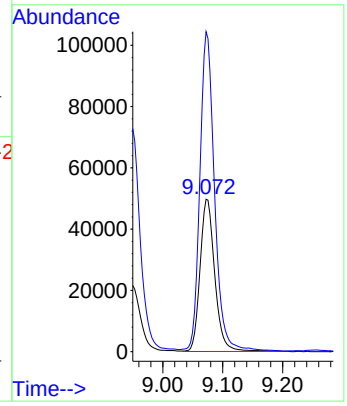


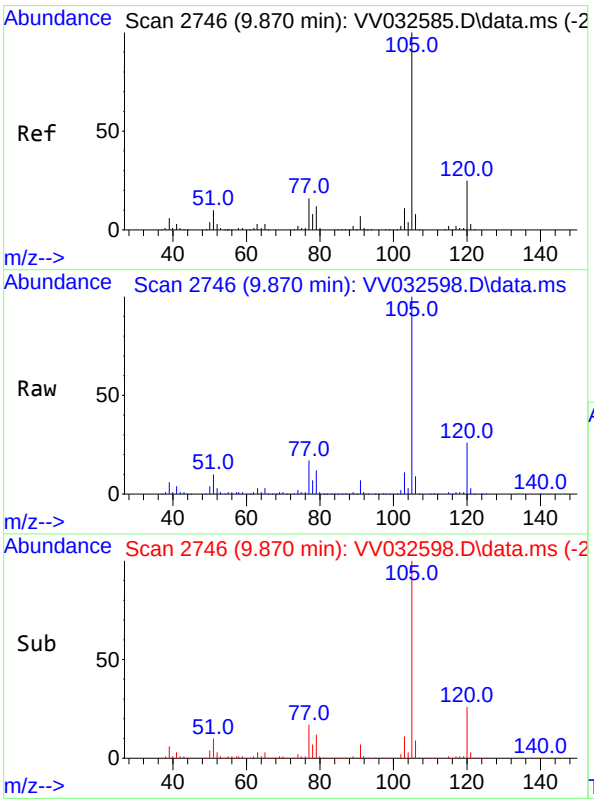
#53
m,p-Xylene
Concen: 4.003 ug/L
RT: 9.072 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV032598.D
Acq: 24 Oct 2023 18:30

Instrument :
MSVOA_V
ClientSampleId :
C0AJ9

Tgt Ion:106 Resp: 84801

Ion	Ratio	Lower	Upper
106	100		
91	209.8	144.5	268.3

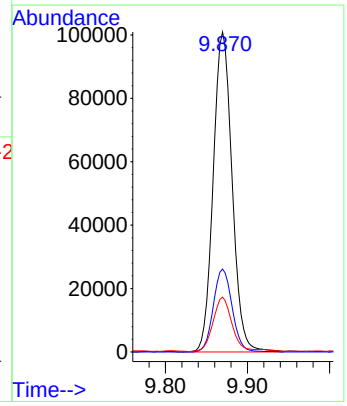


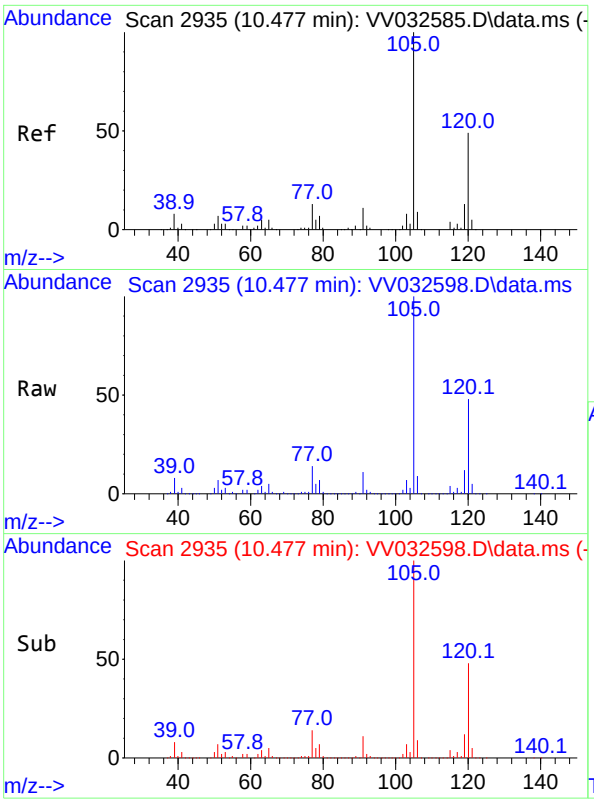


#60
Isopropylbenzene
Concen: 2.814 ug/L
RT: 9.870 min Scan# 2746
Delta R.T. 0.000 min
Lab File: VV032598.D
Acq: 24 Oct 2023 18:30

Tgt Ion:105 Resp: 161233

Ion	Ratio	Lower	Upper
105	100		
120	25.8	21.0	31.6
77	16.8	12.6	19.0



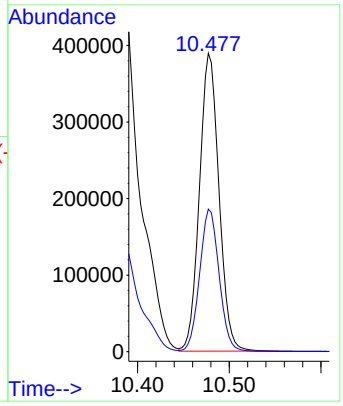


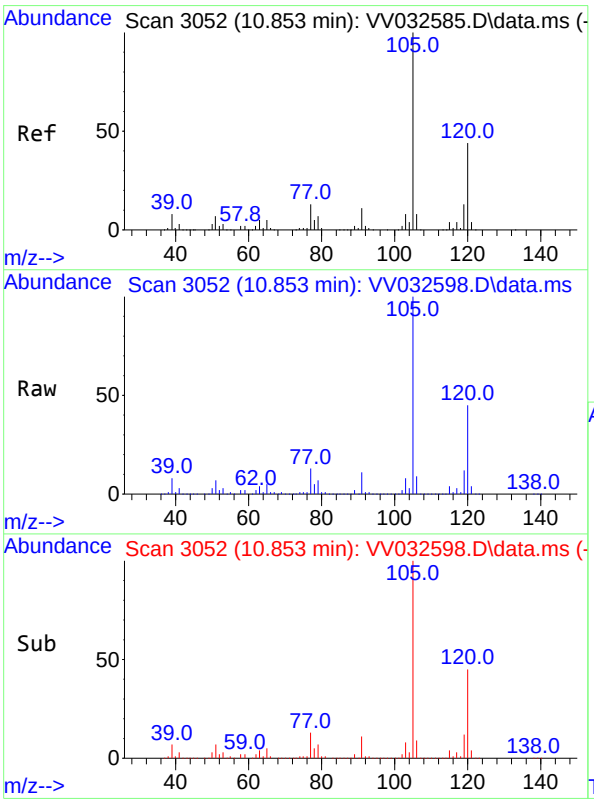
#62
1,3,5-Trimethylbenzene
Concen: 12.317 ug/L
RT: 10.477 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV032598.D
Acq: 24 Oct 2023 18:30

Instrument :
MSVOA_V
ClientSampleId :
C0AJ9

Tgt Ion:105 Resp: 575213

Ion	Ratio	Lower	Upper
105	100		
120	47.7	39.9	59.9





#63
1,2,4-Trimethylbenzene
Concen: 13.008 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VV032598.D
Acq: 24 Oct 2023 18:30

Tgt Ion:105 Resp: 604805

Ion	Ratio	Lower	Upper
105	100		
120	44.6	36.2	54.4