Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032517.D
Acq On : 20 Oct 2023 12:16
Operator : SY/MD
Sample : 04950-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4960

Quant Time: Oct 20 23:05:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 20 23:03:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	89585	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	100760	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	48099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31159	4.277	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.600%			
7) Chloroethane-d5	1.532	69	30448	5.148	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.000%			
11) 1,1-Dichloroethene-d2	2.060	65	12691	4.130	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.600%			
20) 2-Butanone-d5	3.796	46	89876	48.764	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.520%			
24) Chloroform-d	4.256	84	55954	4.353	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.000%			
26) 1,2-Dichloroethane-d4	4.947	65	30055	4.937	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.800%			
32) Benzene-d6	4.966	84	112913	3.808	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.200%			
36) 1,2-Dichloropropane-d6	5.992	67	37823	3.850	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 77.000%			
41) Toluene-d8	7.249	98	99035	3.653	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.000%			
43) trans-1,3-Dichloroprop...	7.561	79	13983	4.017	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.400%			
46) 2-Hexanone-d5	8.027	63	75289	45.970	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.940%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32211	4.688	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.800%			
66) 1,2-Dichlorobenzene-d4	11.564	152	38003	4.258	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.200%			
Target Compounds						Qvalue
13) Acetone	2.130	43	6663	4.690	ug/L	98
33) Benzene	5.021	78	5696	0.161	ug/L	100
35) Methylcyclohexane	6.050	83	2351	0.157	ug/L #	86
42) Toluene	7.320	91	59561	1.575	ug/L	99
52) Ethylbenzene	8.953	91	14779	0.351	ug/L	98
53) m,p-Xylene	9.079	106	18767	1.202	ug/L	99
54) o-Xylene	9.484	106	8348	0.555	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	4466	0.147	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	15239	0.502	ug/L	99

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

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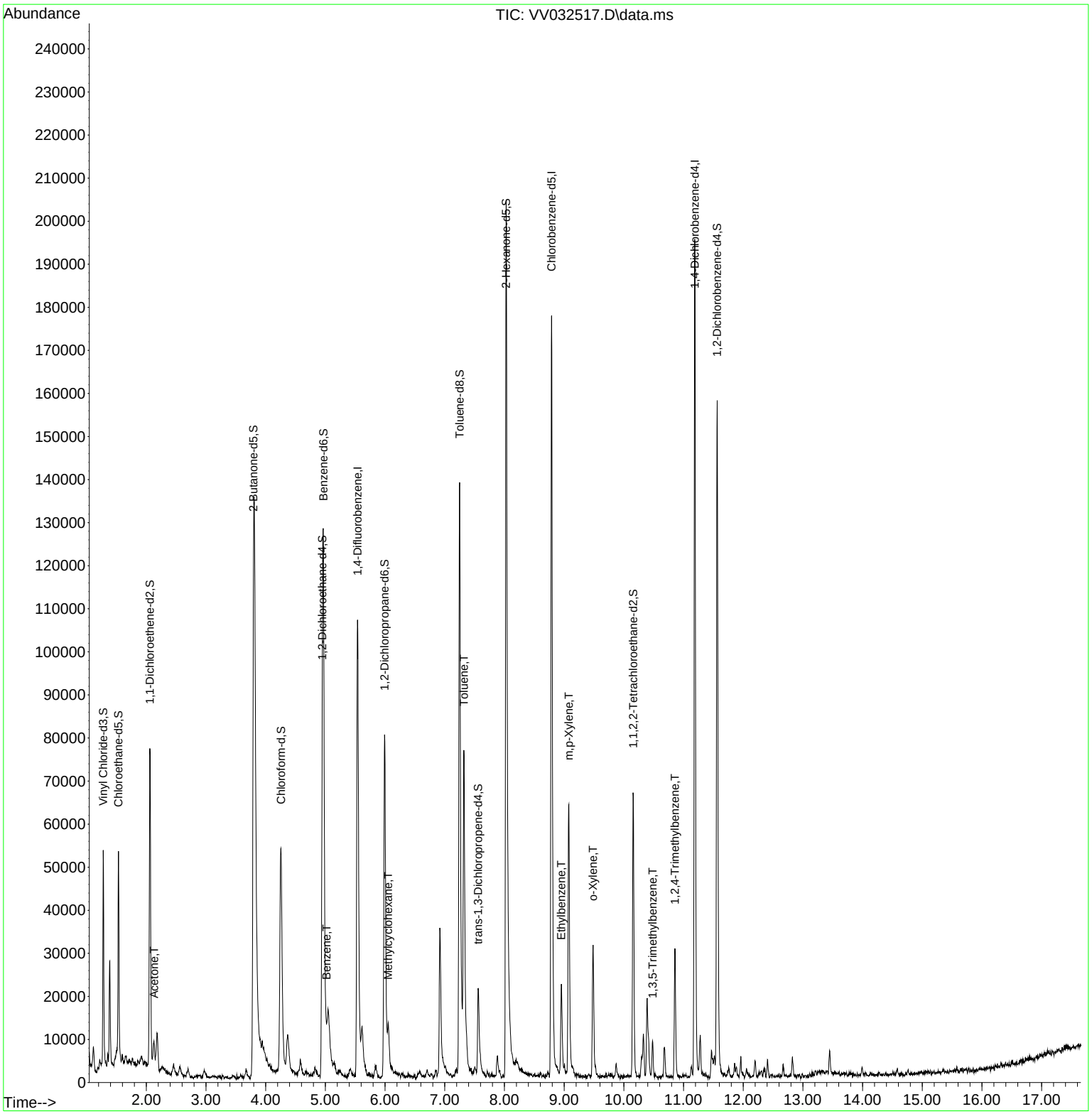
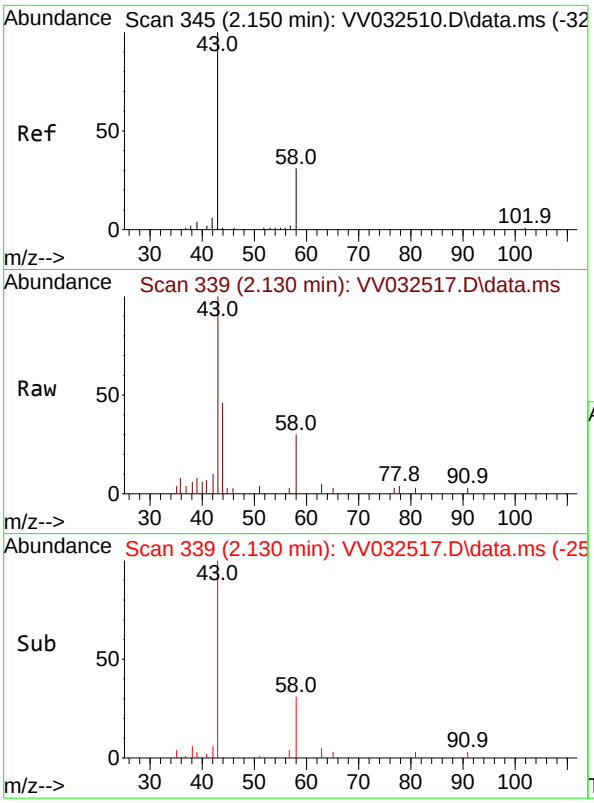


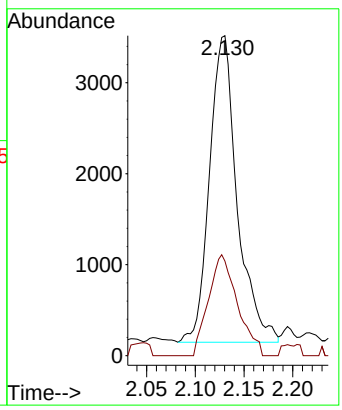


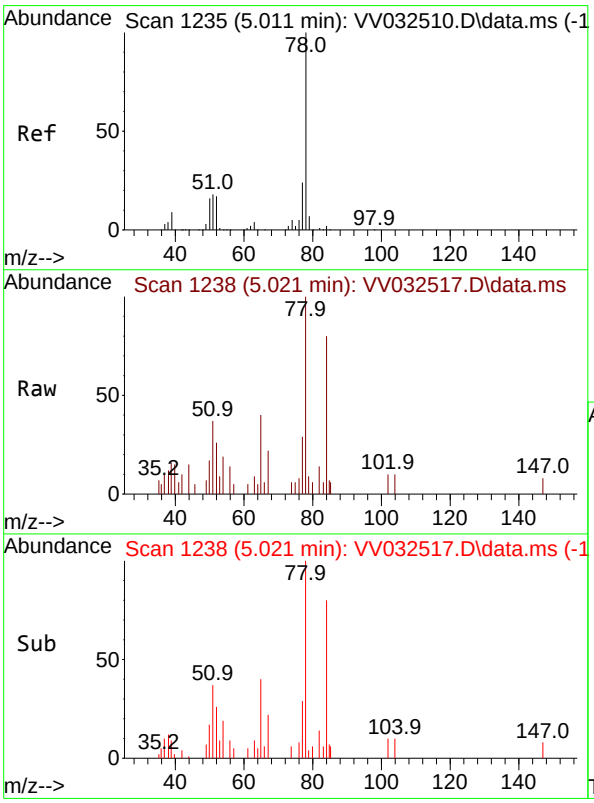
#13
Acetone
Concen: 4.690 ug/L
RT: 2.130 min Scan# 3
Delta R.T. -0.019 min
Lab File: VV032517.D
Acq: 20 Oct 2023 12:16

Instrument :
MSVOA_V
ClientSampleId :
A4960

Tgt Ion: 43 Resp: 6663

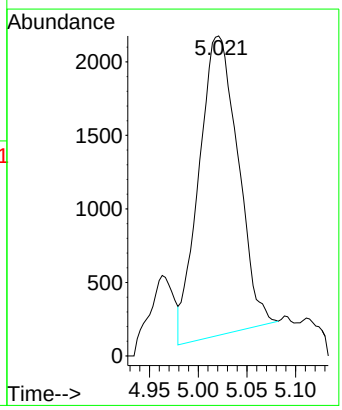
Ion	Ratio	Lower	Upper
43	100		
58	34.4	0.0	66.0

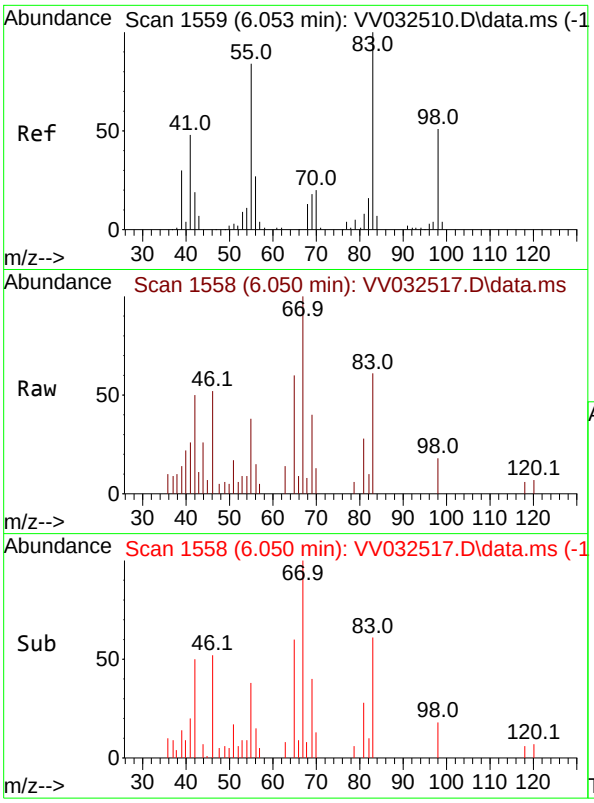




#33
Benzene
Concen: 0.161 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.010 min
Lab File: VV032517.D
Acq: 20 Oct 2023 12:16

Tgt Ion: 78 Resp: 5696



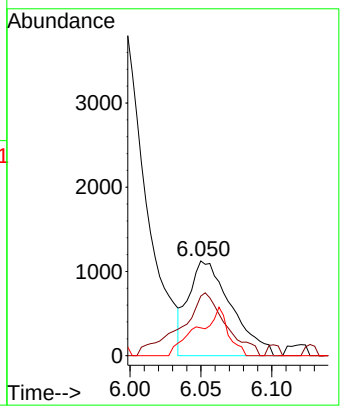


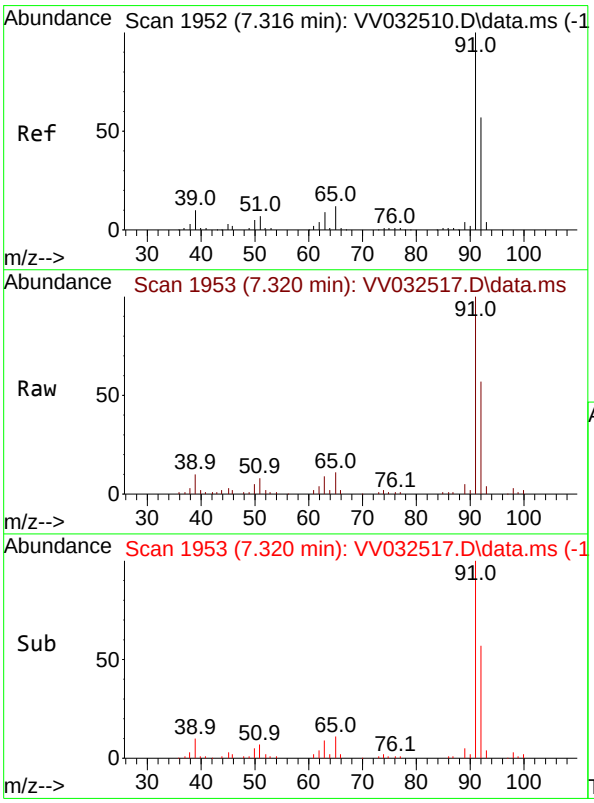
#35
Methylcyclohexane
Concen: 0.157 ug/L
RT: 6.050 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV032517.D
Acq: 20 Oct 2023 12:16

Instrument :
MSVOA_V
ClientSampleId :
A4960

Tgt Ion: 83 Resp: 2351

Ion	Ratio	Lower	Upper
83	100		
55	69.8	64.2	96.2
98	36.7	39.6	59.4#

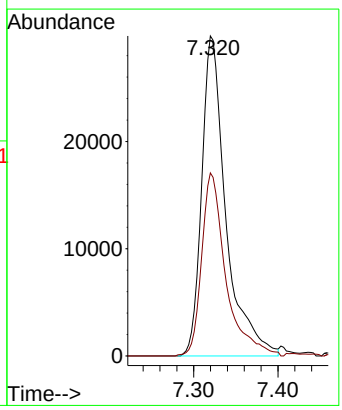


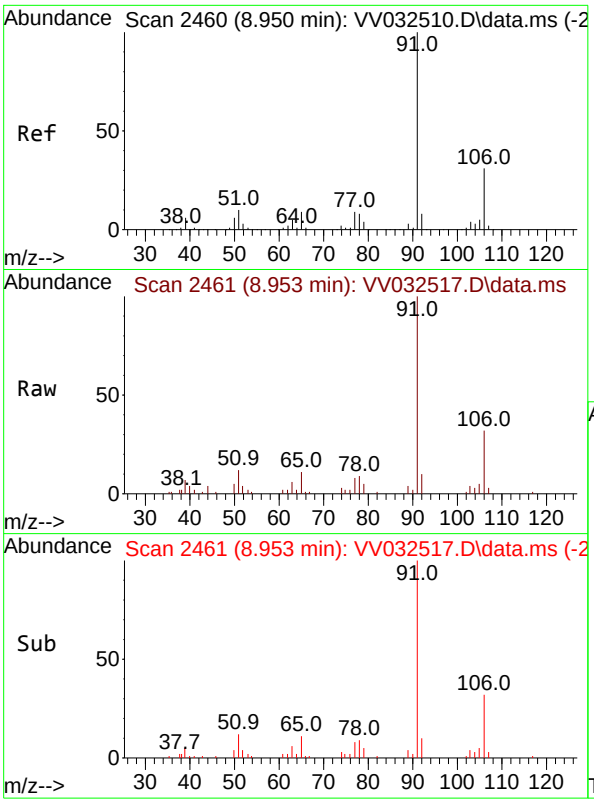


#42
Toluene
Concen: 1.575 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.003 min
Lab File: VV032517.D
Acq: 20 Oct 2023 12:16

Tgt Ion: 91 Resp: 59561

Ion	Ratio	Lower	Upper
91	100		
92	57.2	40.8	75.8



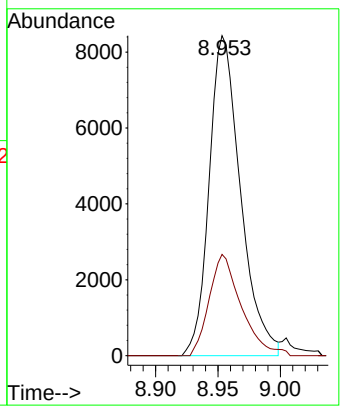


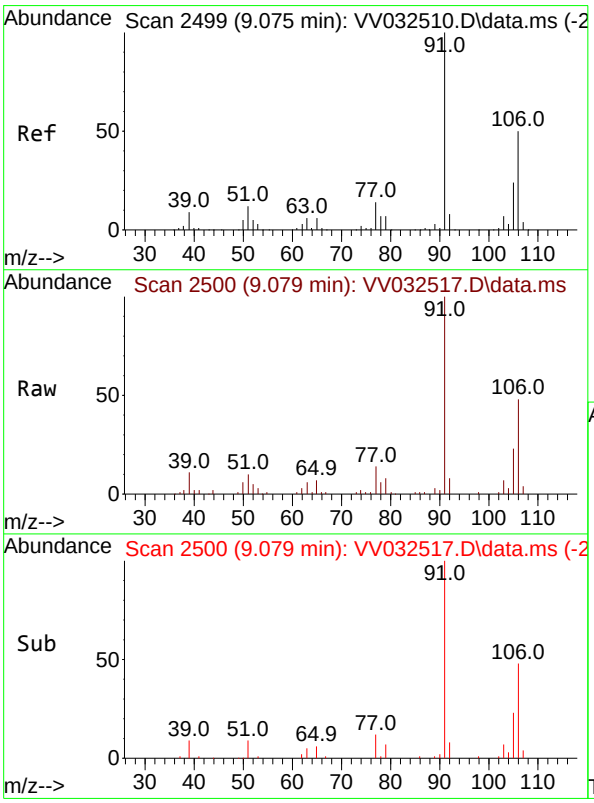
#52
Ethylbenzene
Concen: 0.351 ug/L
RT: 8.953 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV032517.D
Acq: 20 Oct 2023 12:16

Instrument :
MSVOA_V
ClientSampleId :
A4960

Tgt Ion: 91 Resp: 14779

Ion	Ratio	Lower	Upper
91	100		
106	31.6	21.3	39.5

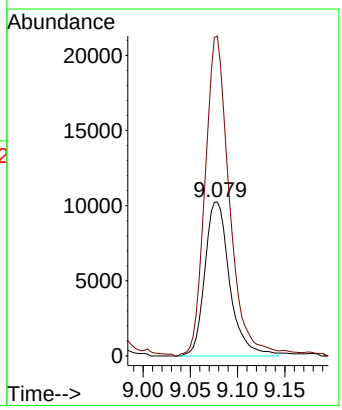


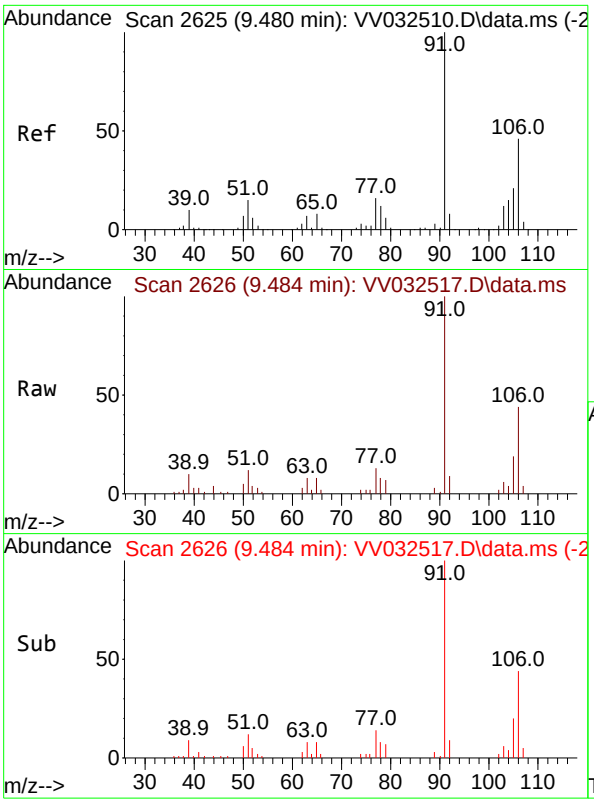


#53
m,p-Xylene
Concen: 1.202 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032517.D
Acq: 20 Oct 2023 12:16

Tgt Ion:106 Resp: 18767

Ion	Ratio	Lower	Upper
106	100		
91	207.9	144.5	268.3



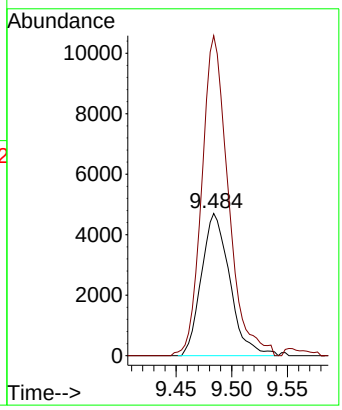


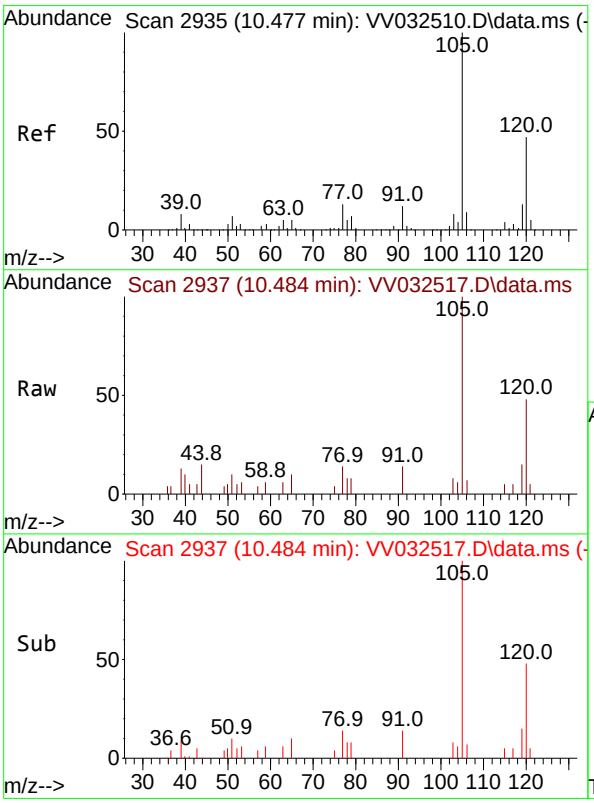
#54
o-Xylene
Concen: 0.555 ug/L
RT: 9.484 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV032517.D
Acq: 20 Oct 2023 12:16

Instrument :
MSVOA_V
ClientSampleId :
A4960

Tgt Ion:106 Resp: 8348

Ion	Ratio	Lower	Upper
106	100		
91	224.9	154.8	287.4

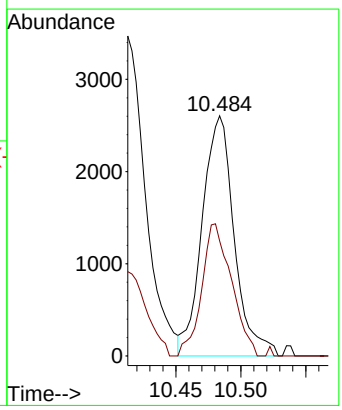


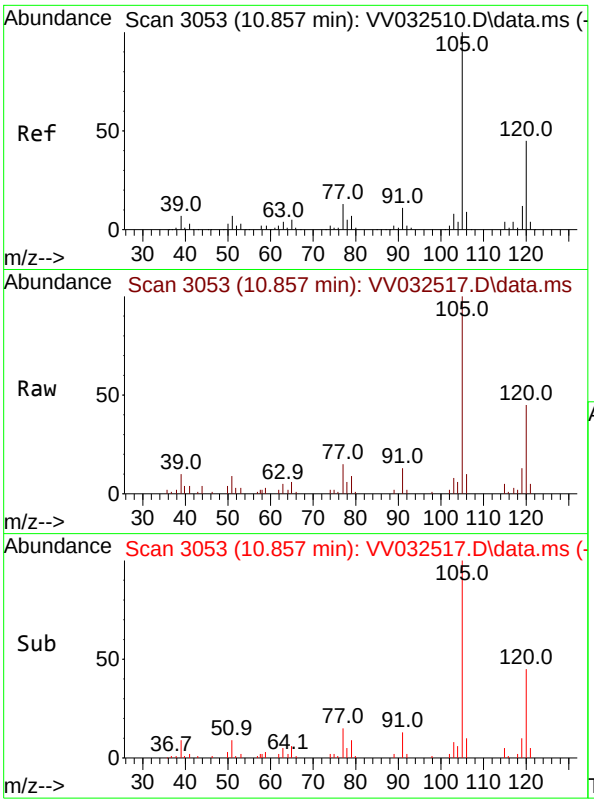


#62
1,3,5-Trimethylbenzene
Concen: 0.147 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.007 min
Lab File: VV032517.D
Acq: 20 Oct 2023 12:16

Tgt Ion:105 Resp: 4466

Ion	Ratio	Lower	Upper
105	100		
120	51.2	39.9	59.9





#63
1,2,4-Trimethylbenzene
Concen: 0.502 ug/L
RT: 10.857 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV032517.D
Acq: 20 Oct 2023 12:16

Instrument :
MSVOA_V
ClientSampleId :
A4960

Tgt Ion:105 Resp: 15239

Ion	Ratio	Lower	Upper
105	100		
120	46.0	36.2	54.4