Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034037.D
Acq On : 07 Feb 2024 17:43
Operator : SY/MD
Sample : P1383-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC1

Quant Time: Feb 08 04:51:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 08 04:46:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	86589	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	79731	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	41516	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21902	3.266	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.400%			
7) Chloroethane-d5	1.532	69	20595	3.506	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.200%			
11) 1,1-Dichloroethene-d2	2.060	65	11632	3.597	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.000%			
20) 2-Butanone-d5	3.796	46	53459	47.465	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.940%			
24) Chloroform-d	4.253	84	49711	4.079	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
26) 1,2-Dichloroethane-d4	4.947	65	25883	4.545	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.000%			
32) Benzene-d6	4.963	84	93103	3.892	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.800%			
36) 1,2-Dichloropropane-d6	5.992	67	28016	4.190	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.800%			
41) Toluene-d8	7.246	98	86094	3.916	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.400%			
43) trans-1,3-Dichloroprop...	7.558	79	10591	4.195	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.800%			
46) 2-Hexanone-d5	8.024	63	48763	54.101	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.200%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19311	4.764	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.200%			
66) 1,2-Dichlorobenzene-d4	11.561	152	32879	4.355	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.000%			
Target Compounds						Qvalue
30) Cyclohexane	4.587	56	3248	0.312	ug/L	91
33) Benzene	5.015	78	5398	0.226	ug/L	100
34) Trichloroethene	5.847	95	1633	0.236	ug/L	80
35) Methylcyclohexane	6.053	83	4789	0.441	ug/L	97
42) Toluene	7.323	91	15243	0.596	ug/L	94
52) Ethylbenzene	8.956	91	5855	0.199	ug/L	95
53) m,p-Xylene	9.082	106	2563	0.231	ug/L	95
54) o-Xylene	9.490	106	1104	0.103	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	3451	0.137	ug/L	96

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

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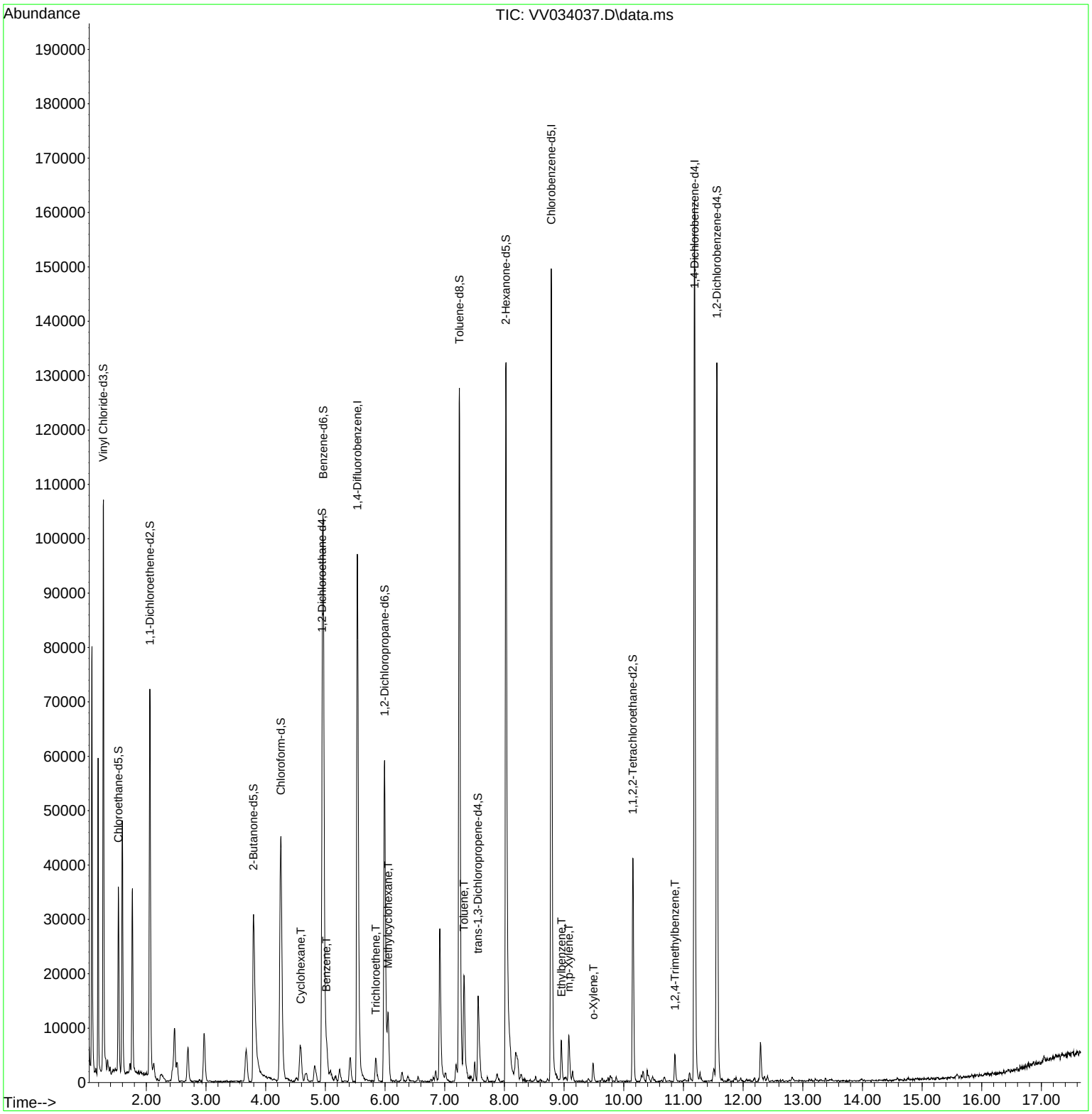
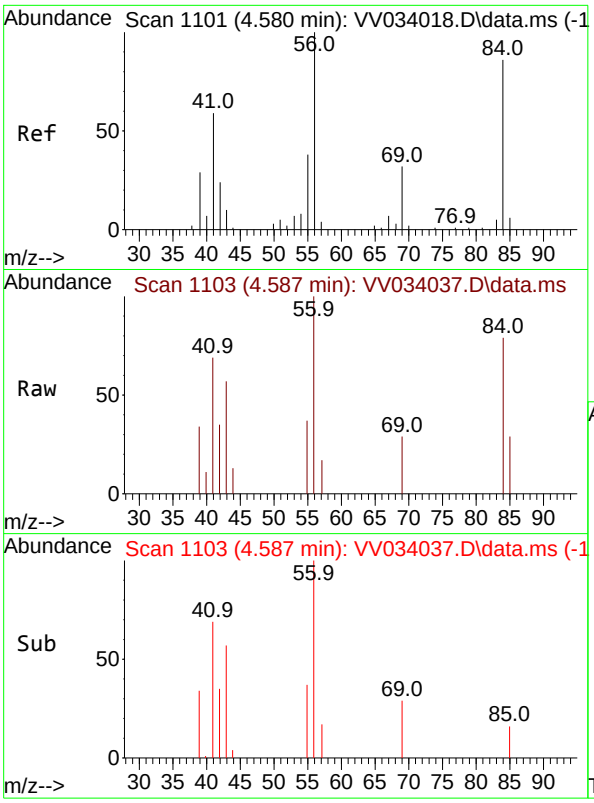


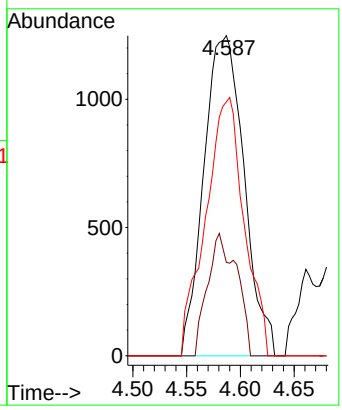


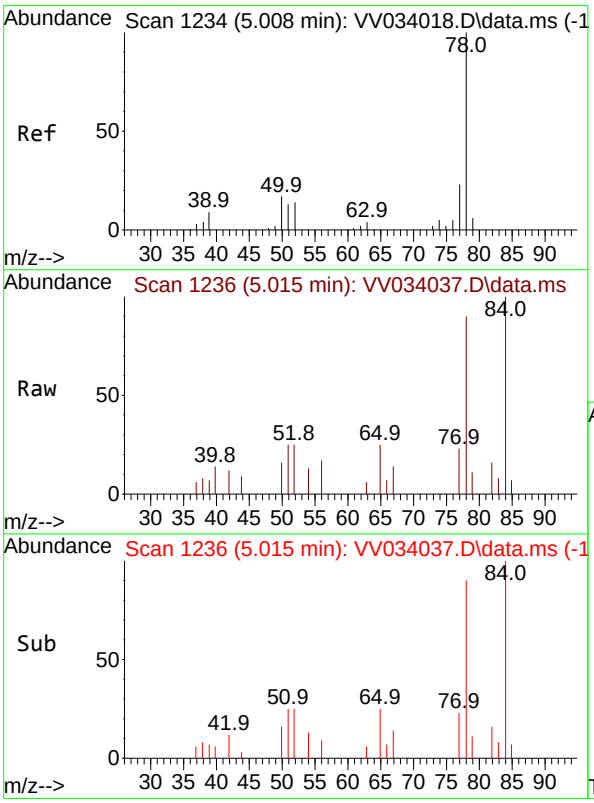
#30
Cyclohexane
Concen: 0.312 ug/L
RT: 4.587 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV034037.D
Acq: 07 Feb 2024 17:43

Instrument :
MSVOA_V
ClientSampleId :
E0YC1

Tgt Ion: 56 Resp: 3248

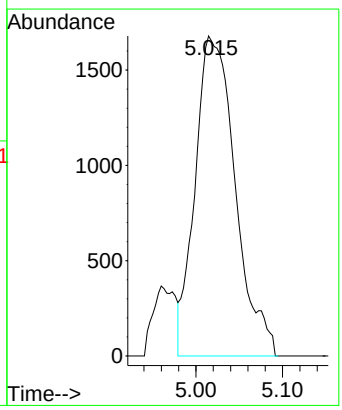
Ion	Ratio	Lower	Upper
56	100		
69	27.7	24.2	36.2
84	77.2	70.0	105.0

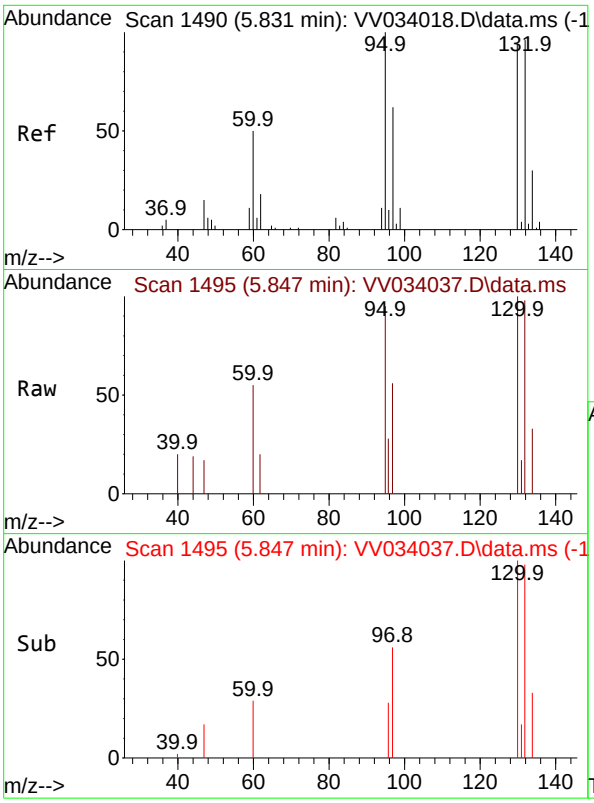




#33
Benzene
Concen: 0.226 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.007 min
Lab File: VV034037.D
Acq: 07 Feb 2024 17:43

Tgt Ion: 78 Resp: 5398



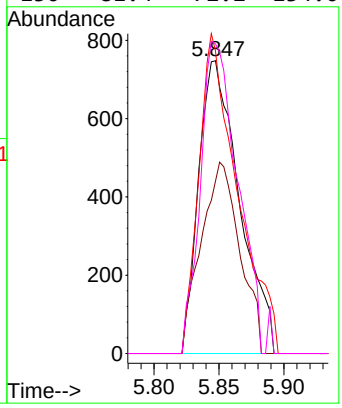


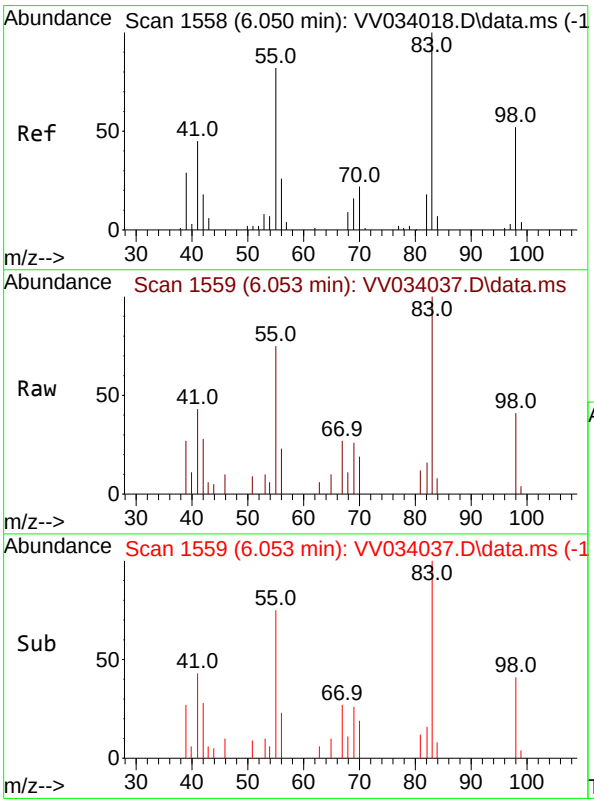
#34
Trichloroethene
Concen: 0.236 ug/L
RT: 5.847 min Scan# 14
Delta R.T. 0.016 min
Lab File: VV034037.D
Acq: 07 Feb 2024 17:43

Instrument :
MSVOA_V
ClientSampleId :
E0YC1

Tgt Ion: 95 Resp: 1633

Ion	Ratio	Lower	Upper
95	100		
97	45.3	45.1	83.7
132	79.5	66.0	122.6
130	81.4	72.2	134.0

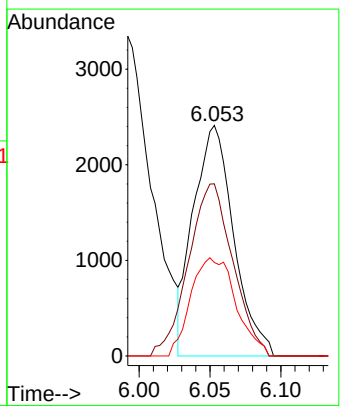


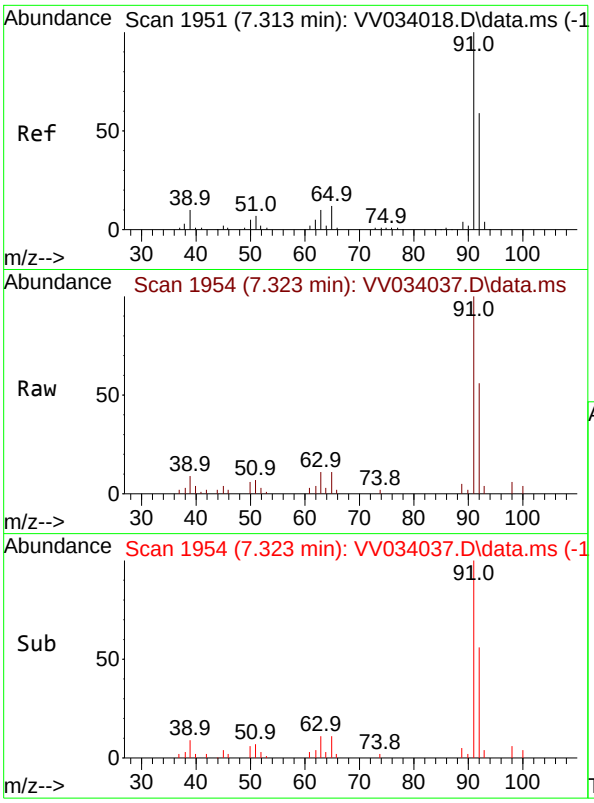


#35
Methylcyclohexane
Concen: 0.441 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV034037.D
Acq: 07 Feb 2024 17:43

Tgt Ion: 83 Resp: 4789

Ion	Ratio	Lower	Upper
83	100		
55	82.0	63.5	95.3
98	47.4	39.0	58.4



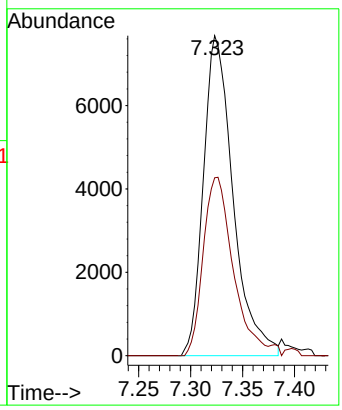


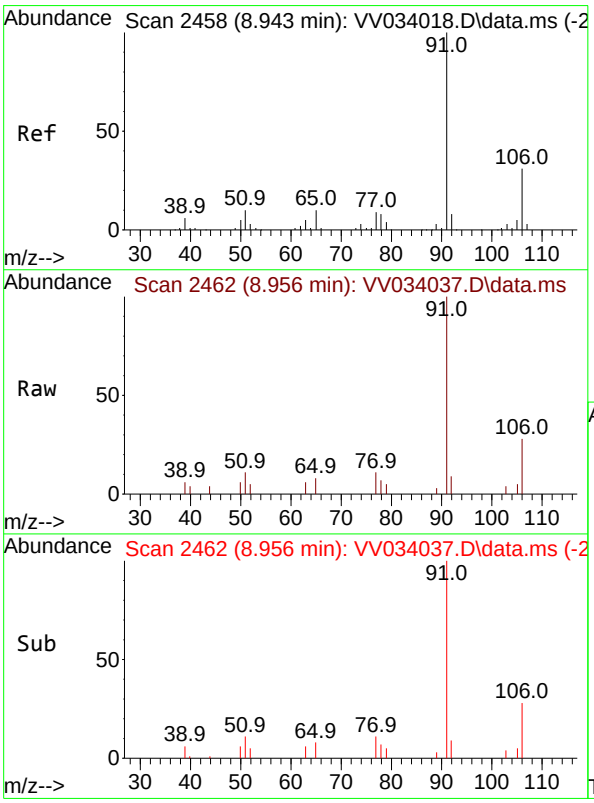
#42
Toluene
Concen: 0.596 ug/L
RT: 7.323 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV034037.D
Acq: 07 Feb 2024 17:43

Instrument :
MSVOA_V
ClientSampleId :
E0YC1

Tgt Ion: 91 Resp: 15243

Ion	Ratio	Lower	Upper
91	100		
92	55.6	42.1	78.3

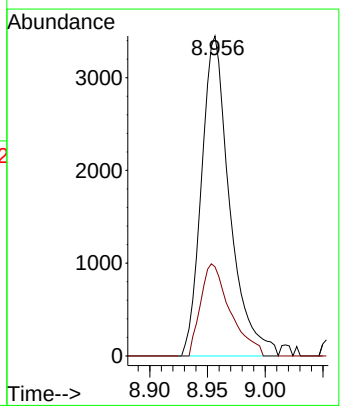


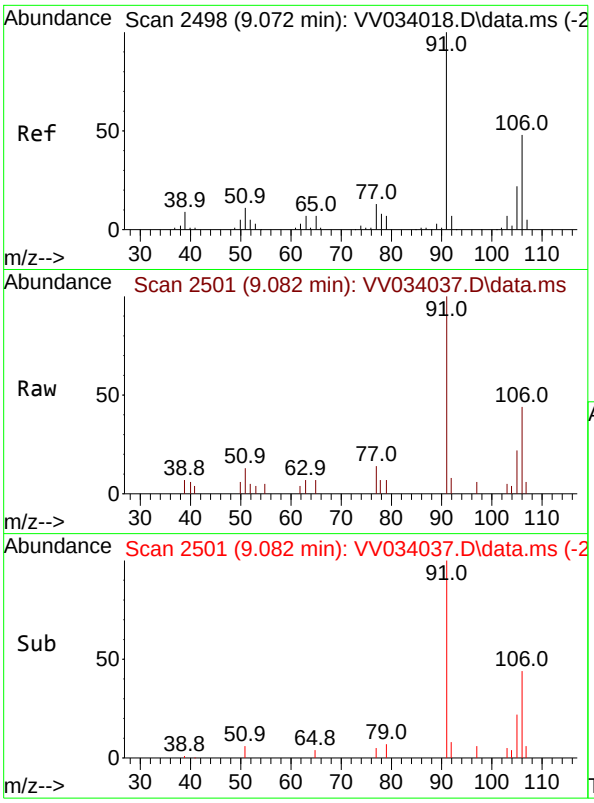


#52
Ethylbenzene
Concen: 0.199 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.013 min
Lab File: VV034037.D
Acq: 07 Feb 2024 17:43

Tgt Ion: 91 Resp: 5855

Ion	Ratio	Lower	Upper
91	100		
106	27.8	21.4	39.8



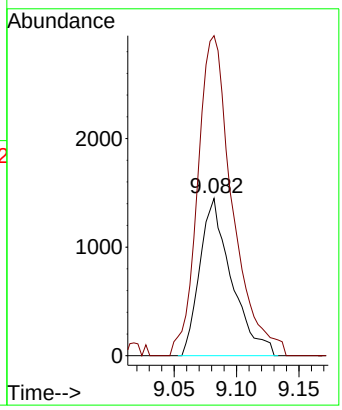


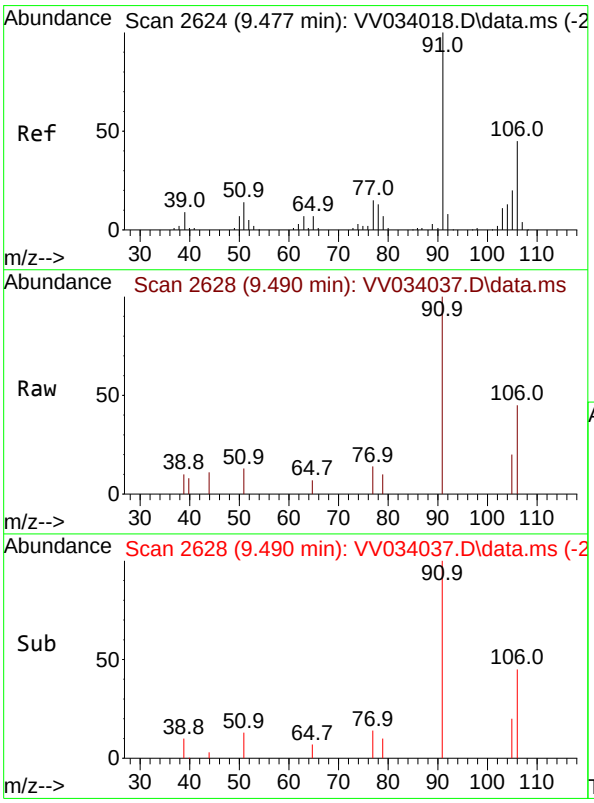
#53
m,p-Xylene
Concen: 0.231 ug/L
RT: 9.082 min Scan# 2
Delta R.T. 0.010 min
Lab File: VV034037.D
Acq: 07 Feb 2024 17:43

Instrument :
MSVOA_V
ClientSampleId :
E0YC1

Tgt Ion:106 Resp: 2563

Ion	Ratio	Lower	Upper
106	100		
91	203.4	147.5	273.9

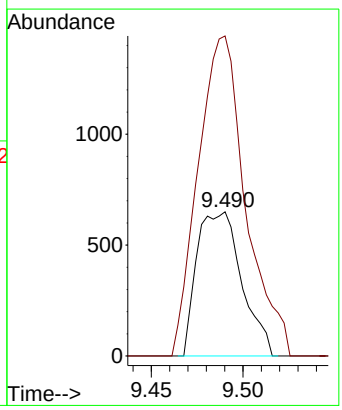


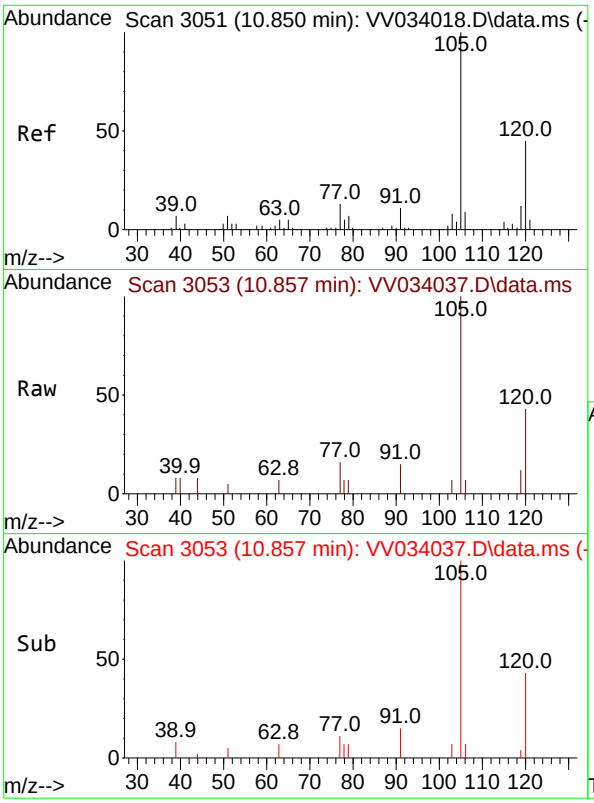


#54
o-Xylene
Concen: 0.103 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.013 min
Lab File: VV034037.D
Acq: 07 Feb 2024 17:43

Tgt Ion:106 Resp: 1104

Ion	Ratio	Lower	Upper
106	100		
91	222.0	156.2	290.0





#63
1,2,4-Trimethylbenzene
Concen: 0.137 ug/L
RT: 10.857 min Scan# 3
Delta R.T. 0.007 min
Lab File: VV034037.D
Acq: 07 Feb 2024 17:43

Instrument :
MSVOA_V
ClientSampleId :
E0YC1

Tgt Ion:105 Resp: 3451

Ion	Ratio	Lower	Upper
105	100		
120	42.7	36.2	54.2