Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020824\
Data File : VV034053.D
Acq On : 08 Feb 2024 12:59
Operator : SY/MD
Sample : P1383-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB1

Quant Time: Feb 09 00:41:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 09 00:39:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	90783	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	84957	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	43497	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22539	3.206	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 64.200%			
7) Chloroethane-d5	1.532	69	22020	3.576	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.600%			
11) 1,1-Dichloroethene-d2	2.060	65	12085	3.564	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.200%			
20) 2-Butanone-d5	3.796	46	54029	45.755	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.520%			
24) Chloroform-d	4.253	84	51357	4.020	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.400%			
26) 1,2-Dichloroethane-d4	4.947	65	26654	4.464	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.200%			
32) Benzene-d6	4.963	84	98758	3.875	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.400%			
36) 1,2-Dichloropropane-d6	5.992	67	29022	4.073	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.400%			
41) Toluene-d8	7.246	98	91129	3.890	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.800%			
43) trans-1,3-Dichloroprop...	7.558	79	10247	3.809	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.200%			
46) 2-Hexanone-d5	8.024	63	46537	48.455	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.900%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	20091	4.651	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.000%			
66) 1,2-Dichlorobenzene-d4	11.561	152	33877	4.282	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.600%			
Target Compounds						Qvalue
30) Cyclohexane	4.590	56	3207	0.289	ug/L #	94
33) Benzene	5.021	78	6210	0.244	ug/L	100
34) Trichloroethene	5.847	95	3316	0.450	ug/L	92
35) Methylcyclohexane	6.050	83	4817	0.416	ug/L	94
42) Toluene	7.323	91	24440	0.897	ug/L	95
52) Ethylbenzene	8.957	91	5756	0.184	ug/L	92
53) m,p-Xylene	9.079	106	3387	0.286	ug/L	87
54) o-Xylene	9.487	106	1429	0.125	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	3719	0.141	ug/L	92

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

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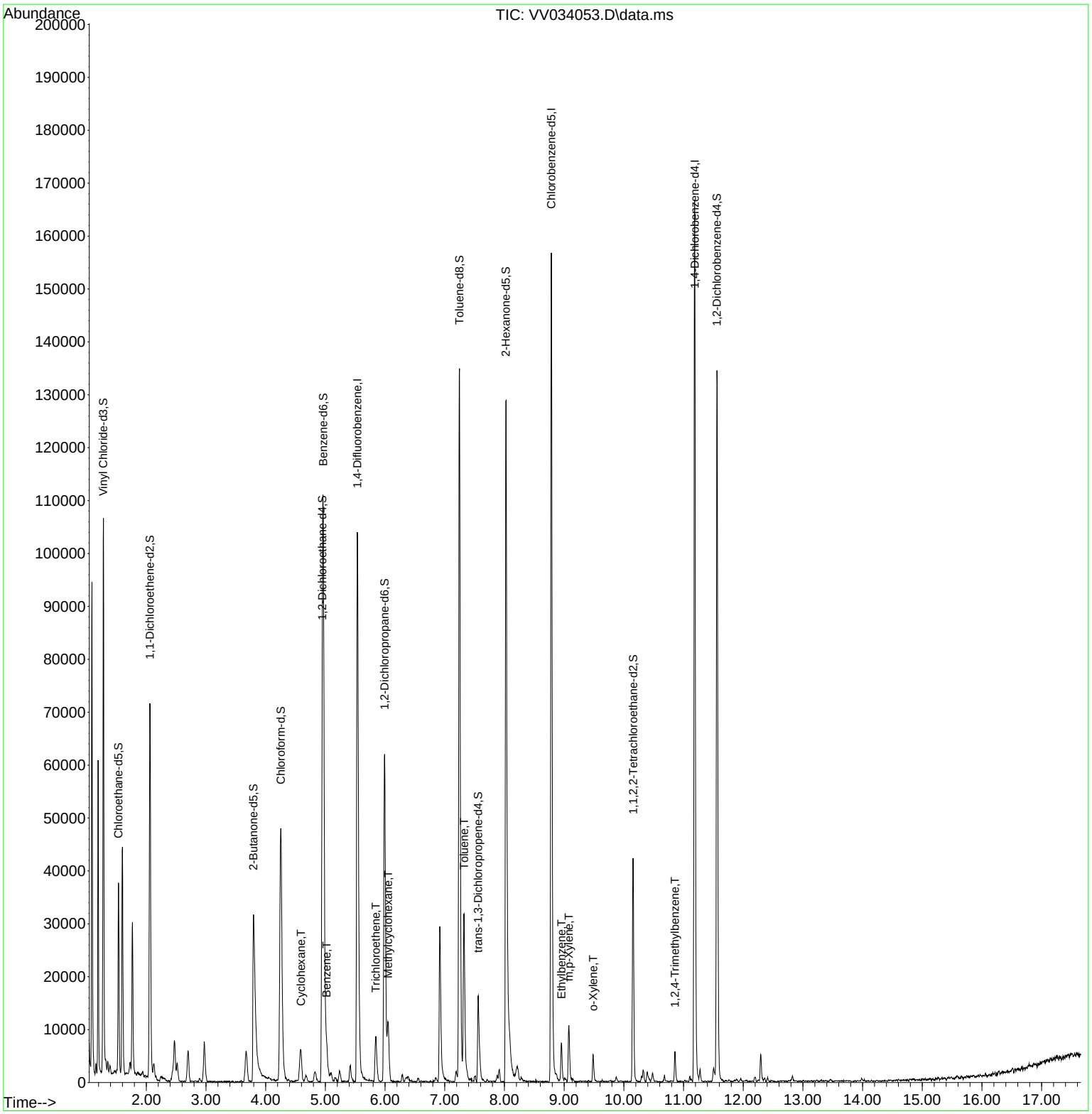
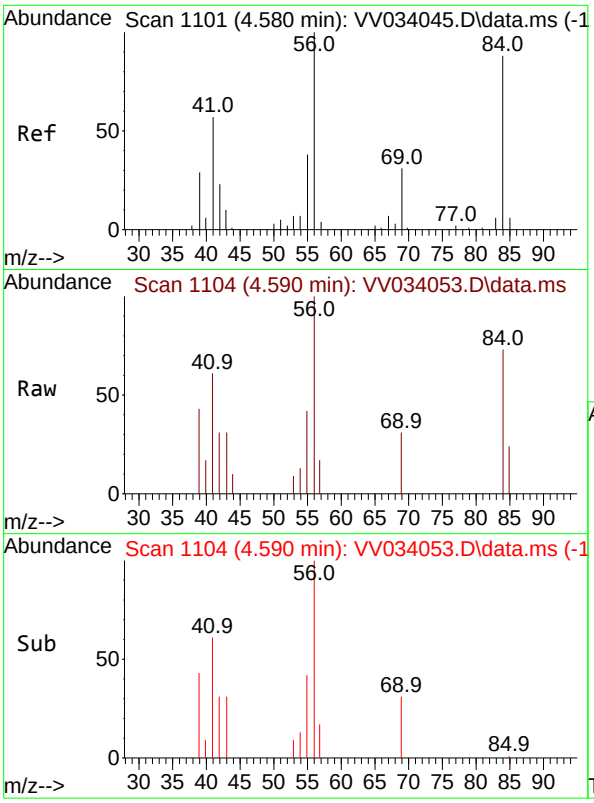


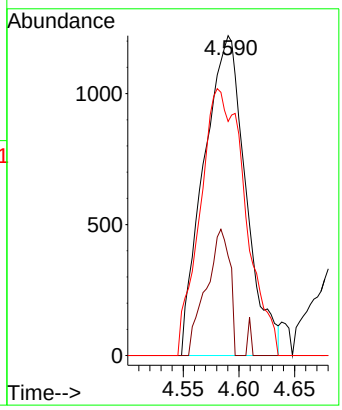


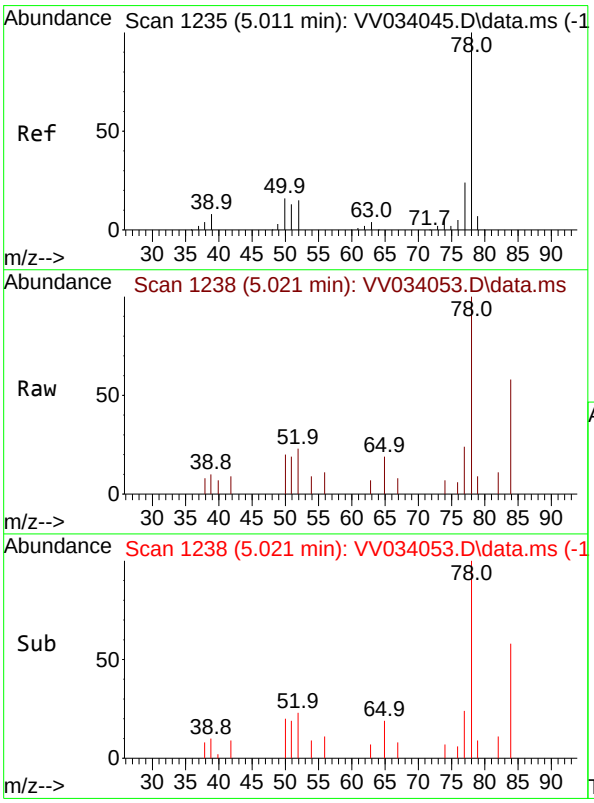
#30
Cyclohexane
Concen: 0.289 ug/L
RT: 4.590 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV034053.D
Acq: 08 Feb 2024 12:59

Instrument :
MSVOA_V
ClientSampleId :
E0YB1

Tgt Ion: 56 Resp: 3207

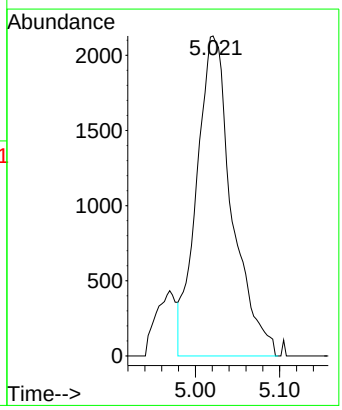
Ion	Ratio	Lower	Upper
56	100		
69	22.1	24.2	36.2#
84	89.7	70.0	105.0

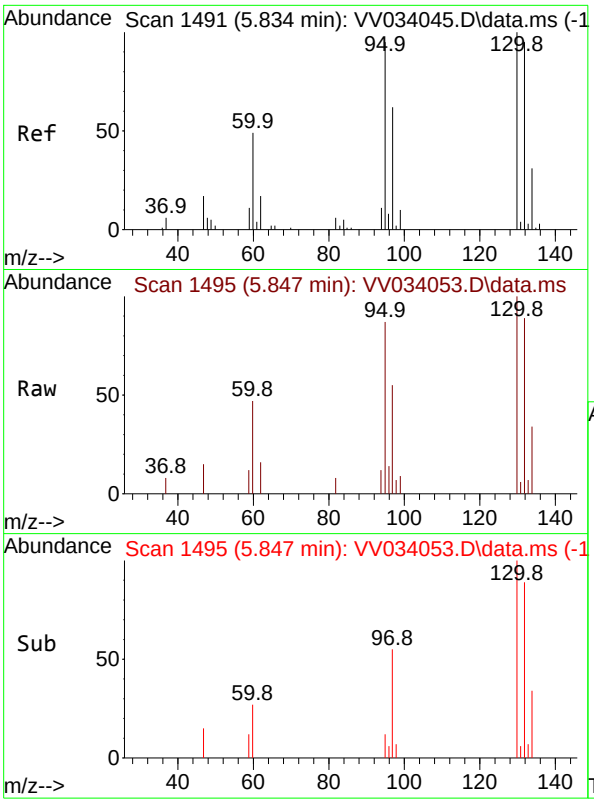




#33
Benzene
Concen: 0.244 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.010 min
Lab File: VV034053.D
Acq: 08 Feb 2024 12:59

Tgt Ion: 78 Resp: 6210



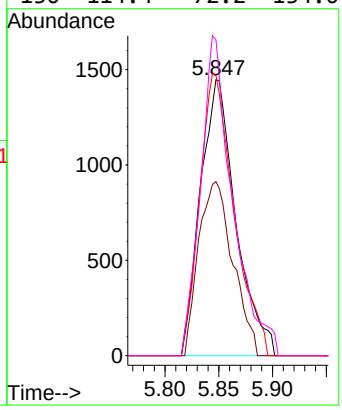


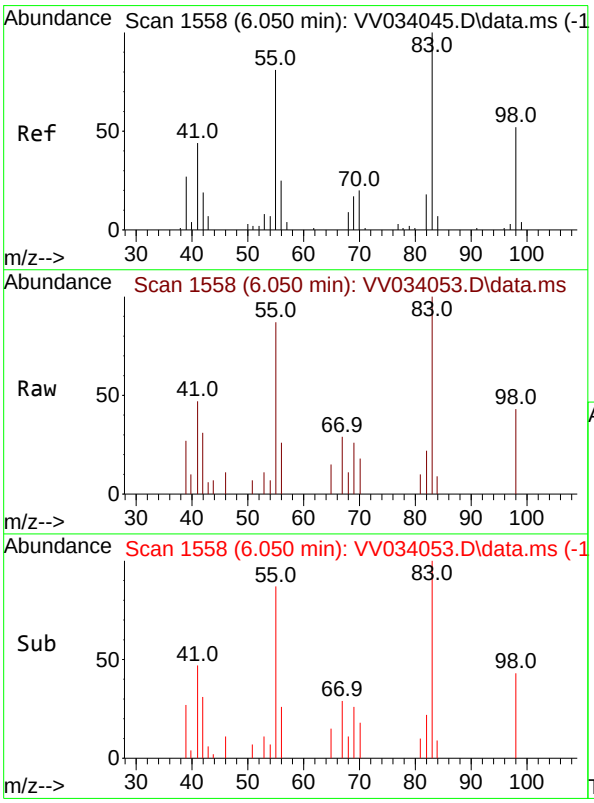
#34
Trichloroethene
Concen: 0.450 ug/L
RT: 5.847 min Scan# 14
Delta R.T. 0.013 min
Lab File: VV034053.D
Acq: 08 Feb 2024 12:59

Instrument :
MSVOA_V
ClientSampleId :
E0YB1

Tgt Ion: 95 Resp: 3316

Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.1	83.7
132	101.6	66.0	122.6
130	114.4	72.2	134.0

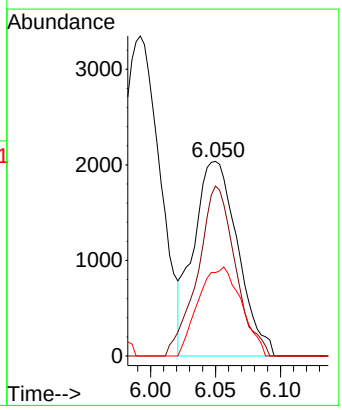


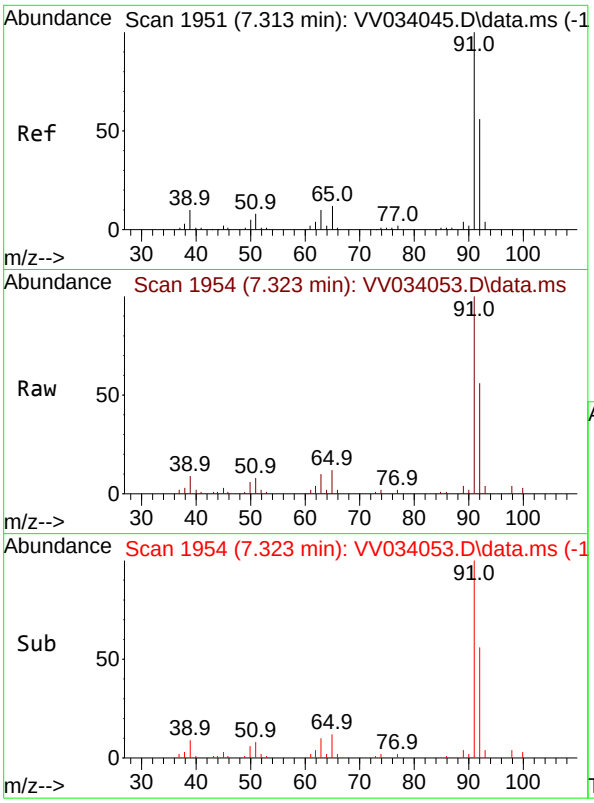


#35
Methylcyclohexane
Concen: 0.416 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV034053.D
Acq: 08 Feb 2024 12:59

Tgt Ion: 83 Resp: 4817

Ion	Ratio	Lower	Upper
83	100		
55	74.4	63.5	95.3
98	44.4	39.0	58.4



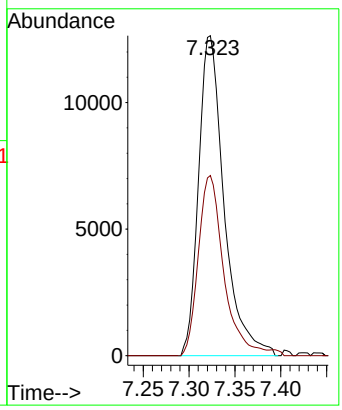


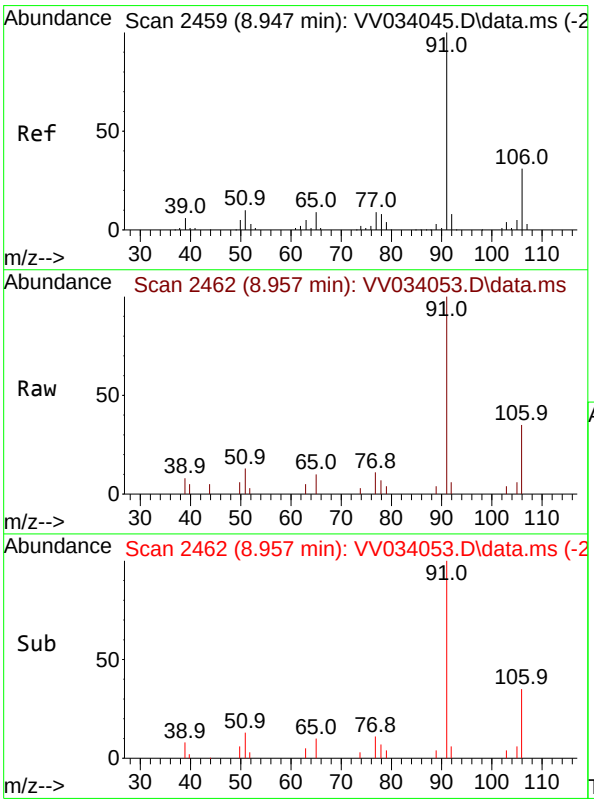
#42
Toluene
Concen: 0.897 ug/L
RT: 7.323 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV034053.D
Acq: 08 Feb 2024 12:59

Instrument :
MSVOA_V
ClientSampleId :
E0YB1

Tgt Ion: 91 Resp: 24440

Ion	Ratio	Lower	Upper
91	100		
92	56.3	42.1	78.3

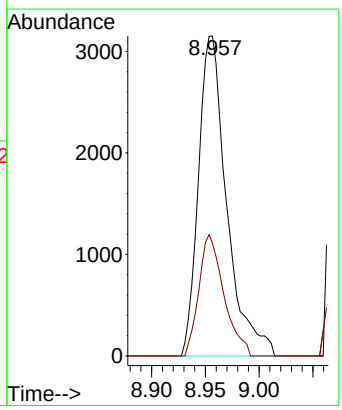


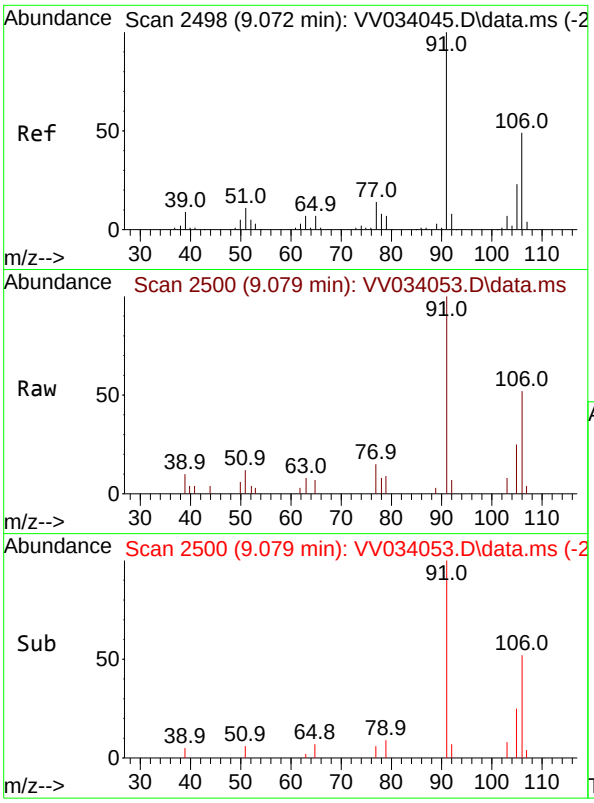


#52
Ethylbenzene
Concen: 0.184 ug/L
RT: 8.957 min Scan# 2462
Delta R.T. 0.010 min
Lab File: VV034053.D
Acq: 08 Feb 2024 12:59

Tgt Ion: 91 Resp: 5756

Ion	Ratio	Lower	Upper
91	100		
106	35.2	21.4	39.8



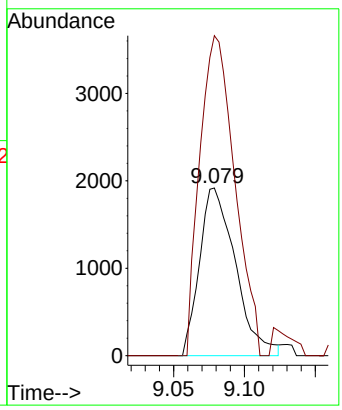


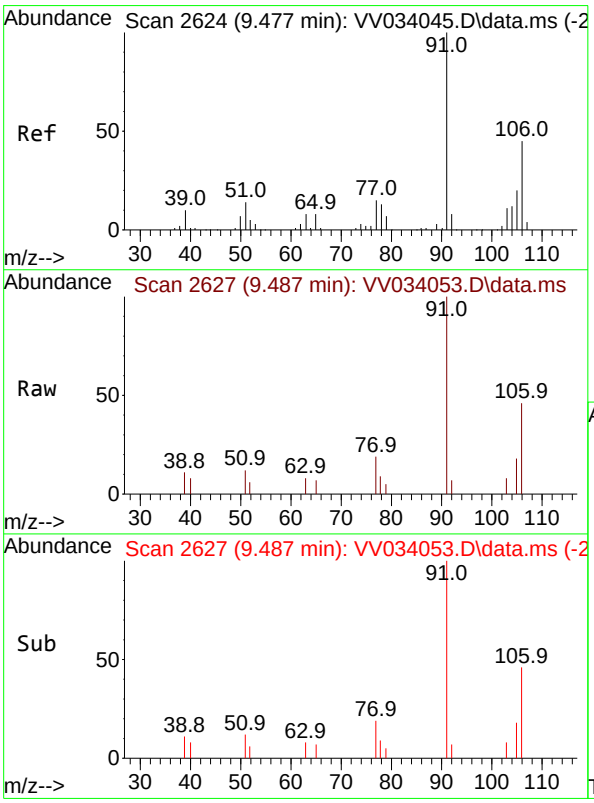
#53
m,p-Xylene
Concen: 0.286 ug/L
RT: 9.079 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV034053.D
Acq: 08 Feb 2024 12:59

Instrument :
MSVOA_V
ClientSampleId :
E0YB1

Tgt Ion:106 Resp: 3387

Ion	Ratio	Lower	Upper
106	100		
91	190.8	147.5	273.9

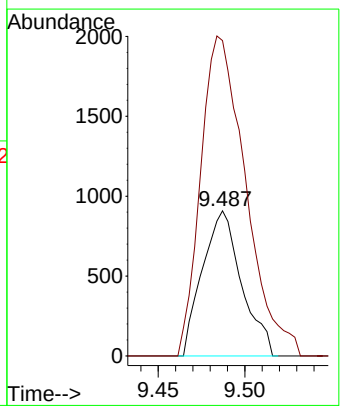


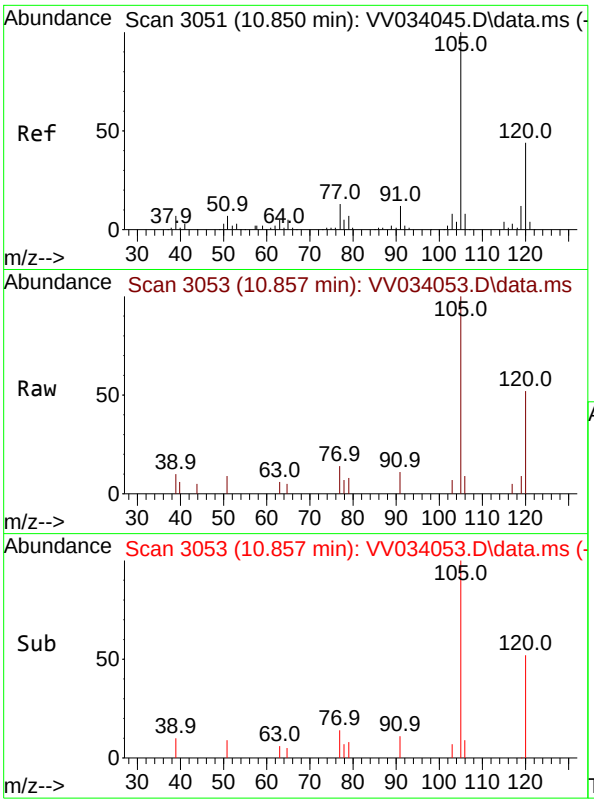


#54
o-Xylene
Concen: 0.125 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.010 min
Lab File: VV034053.D
Acq: 08 Feb 2024 12:59

Tgt Ion:106 Resp: 1429

Ion	Ratio	Lower	Upper
106	100		
91	217.4	156.2	290.0





#63
1,2,4-Trimethylbenzene
Concen: 0.141 ug/L
RT: 10.857 min Scan# 3
Delta R.T. 0.007 min
Lab File: VV034053.D
Acq: 08 Feb 2024 12:59

Instrument :
MSVOA_V
ClientSampleId :
E0YB1

Tgt Ion:105 Resp: 3719

Ion	Ratio	Lower	Upper
105	100		
120	50.6	36.2	54.2