Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034036.D
Acq On : 07 Feb 2024 17:19
Operator : SY/MD
Sample : P1383-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB9

Quant Time: Feb 08 04:51:20 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	103641	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	97694	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	49973	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26107	3.253	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.000%			
7) Chloroethane-d5	1.532	69	26155	3.720	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.400%			
11) 1,1-Dichloroethene-d2	2.059	65	13582	3.509	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.200%			
20) 2-Butanone-d5	3.815	46	65212	48.374	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.740%			
24) Chloroform-d	4.252	84	60471	4.146	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.000%			
26) 1,2-Dichloroethane-d4	4.947	65	31964	4.689	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.800%			
32) Benzene-d6	4.963	84	113525	3.873	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.400%			
36) 1,2-Dichloropropane-d6	5.992	67	34242	4.179	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.600%			
41) Toluene-d8	7.246	98	105271	3.908	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.200%			
43) trans-1,3-Dichloroprop...	7.558	79	12538	4.053	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.000%			
46) 2-Hexanone-d5	8.027	63	59394	53.779	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.560%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	23947	4.821	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.400%			
66) 1,2-Dichlorobenzene-d4	11.561	152	39768	4.376	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.600%			
Target Compounds						Qvalue
30) Cyclohexane	4.583	56	4133	0.324	ug/L	94
33) Benzene	5.014	78	17241	0.588	ug/L	100
34) Trichloroethene	5.850	95	2098	0.247	ug/L	91
35) Methylcyclohexane	6.053	83	5189	0.390	ug/L	96
42) Toluene	7.316	91	299964	9.578	ug/L	98
52) Ethylbenzene	8.953	91	15678	0.435	ug/L	99
53) m,p-Xylene	9.078	106	8219	0.603	ug/L	95
54) o-Xylene	9.484	106	3889	0.296	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	8389	0.276	ug/L	97

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

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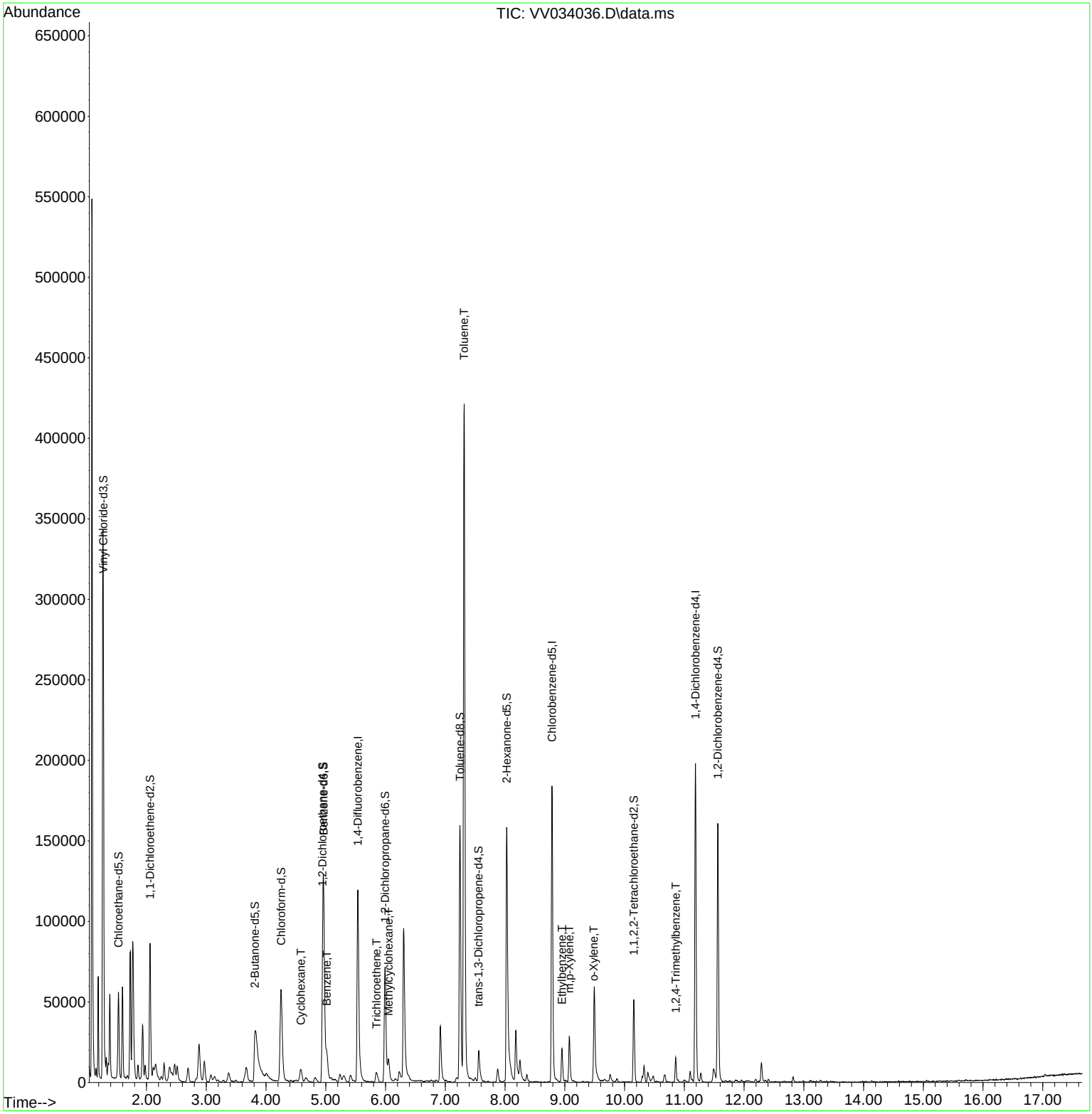
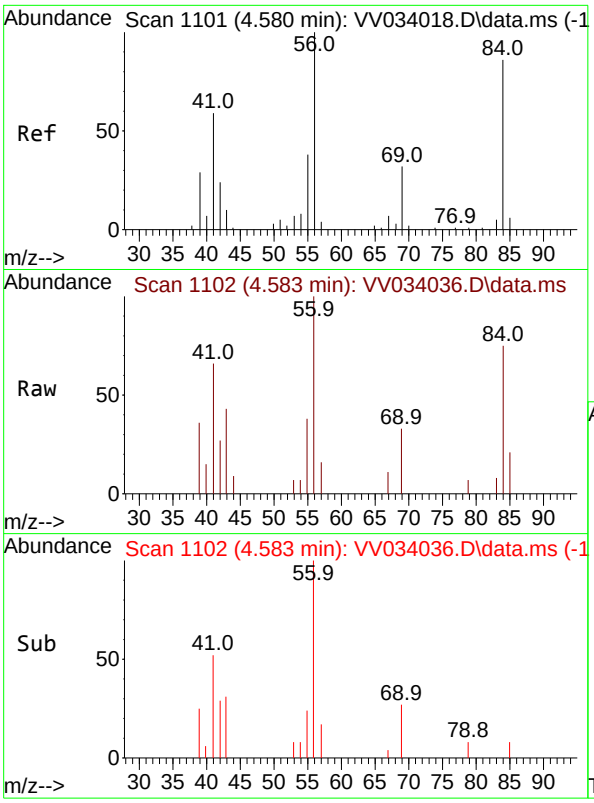


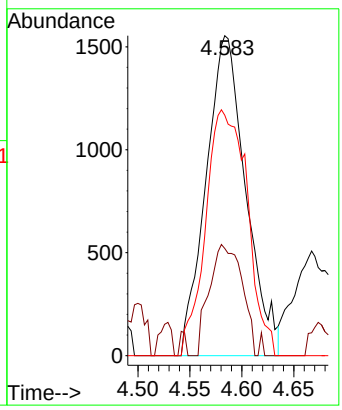


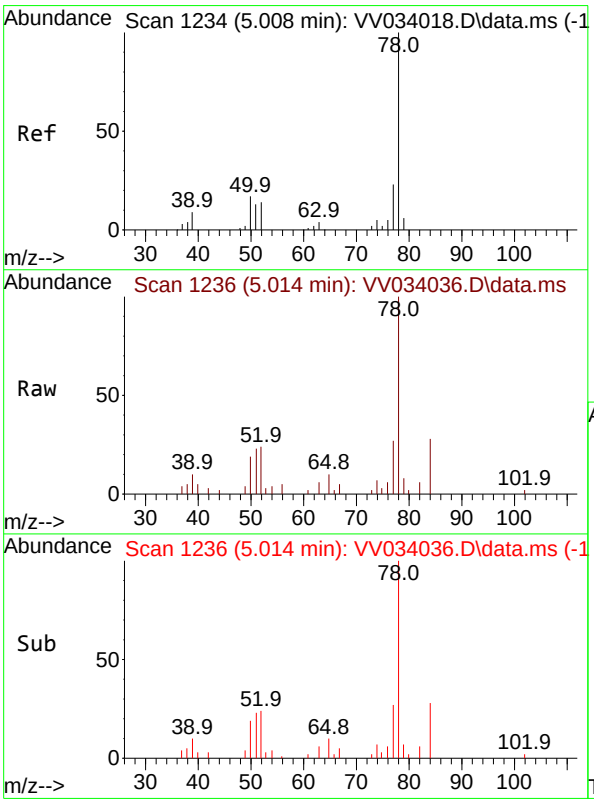
#30
Cyclohexane
Concen: 0.324 ug/L
RT: 4.583 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034036.D
Acq: 07 Feb 2024 17:19

Instrument :
MSVOA_V
ClientSampleId :
E0YB9

Tgt Ion: 56 Resp: 4133

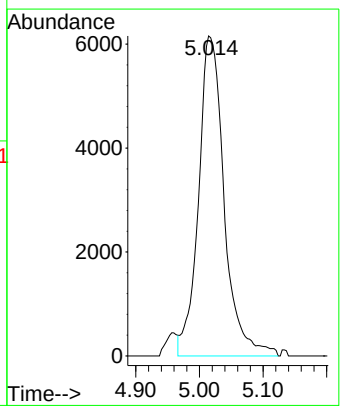
Ion	Ratio	Lower	Upper
56	100		
69	28.5	24.2	36.2
84	80.5	70.0	105.0

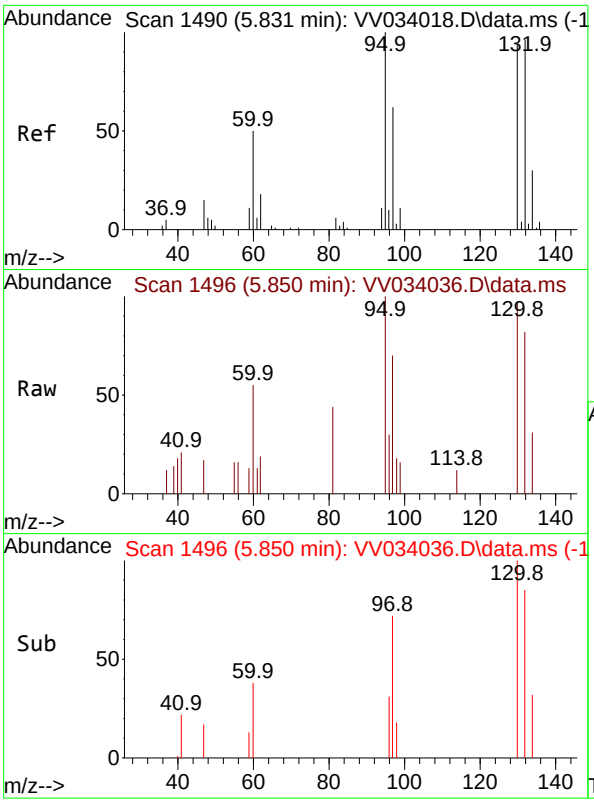




#33
Benzene
Concen: 0.588 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VV034036.D
Acq: 07 Feb 2024 17:19

Tgt Ion: 78 Resp: 17241



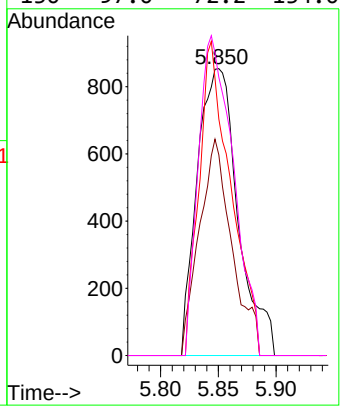


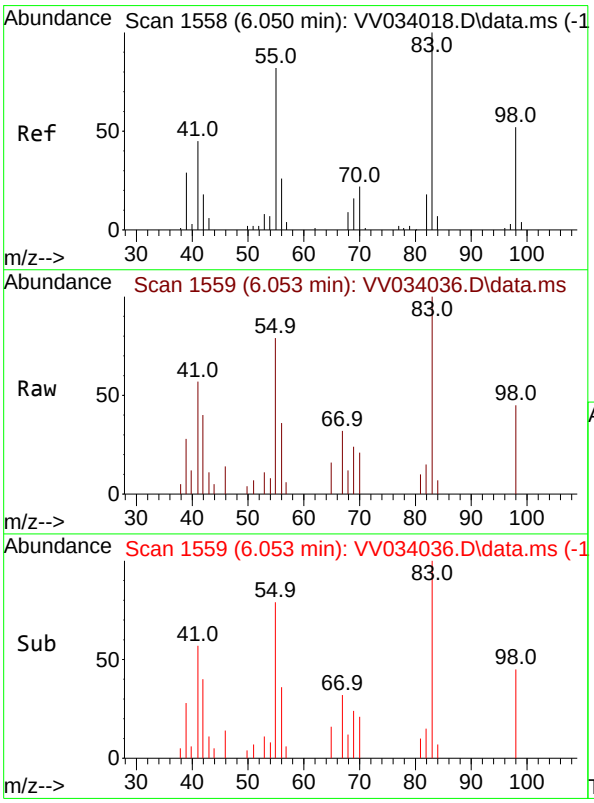
#34
Trichloroethene
Concen: 0.247 ug/L
RT: 5.850 min Scan# 14
Delta R.T. 0.019 min
Lab File: VV034036.D
Acq: 07 Feb 2024 17:19

Instrument :
MSVOA_V
ClientSampleId :
E0YB9

Tgt Ion: 95 Resp: 2098

Ion	Ratio	Lower	Upper
95	100		
97	69.9	45.1	83.7
132	82.4	66.0	122.6
130	97.0	72.2	134.0

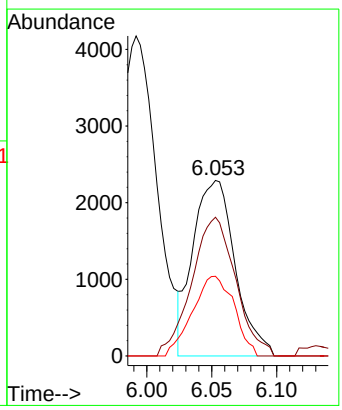


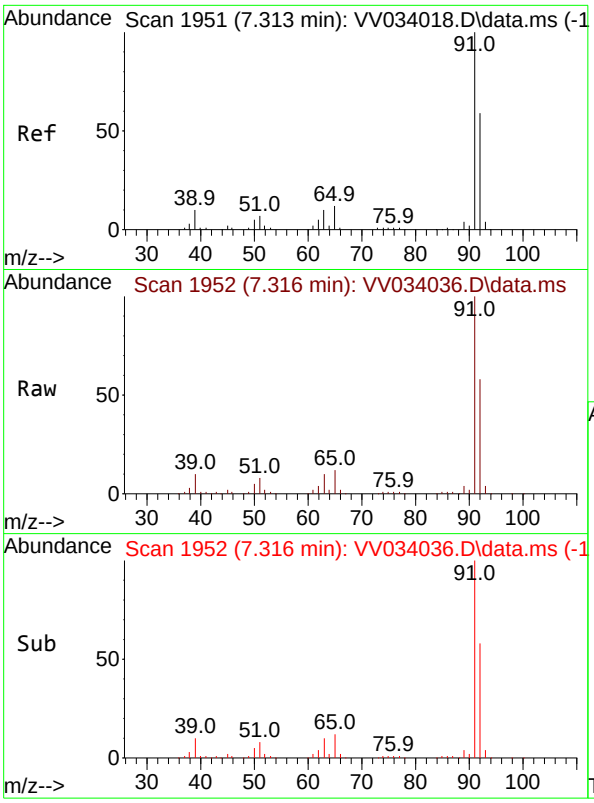


#35
Methylcyclohexane
Concen: 0.390 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV034036.D
Acq: 07 Feb 2024 17:19

Tgt Ion: 83 Resp: 5189

Ion	Ratio	Lower	Upper
83	100		
55	81.9	63.5	95.3
98	44.6	39.0	58.4



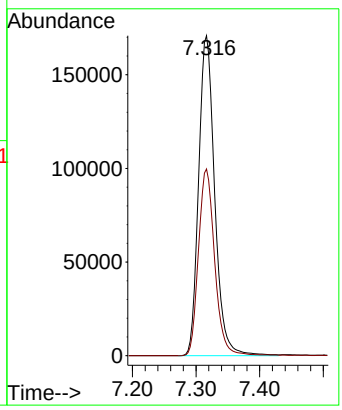


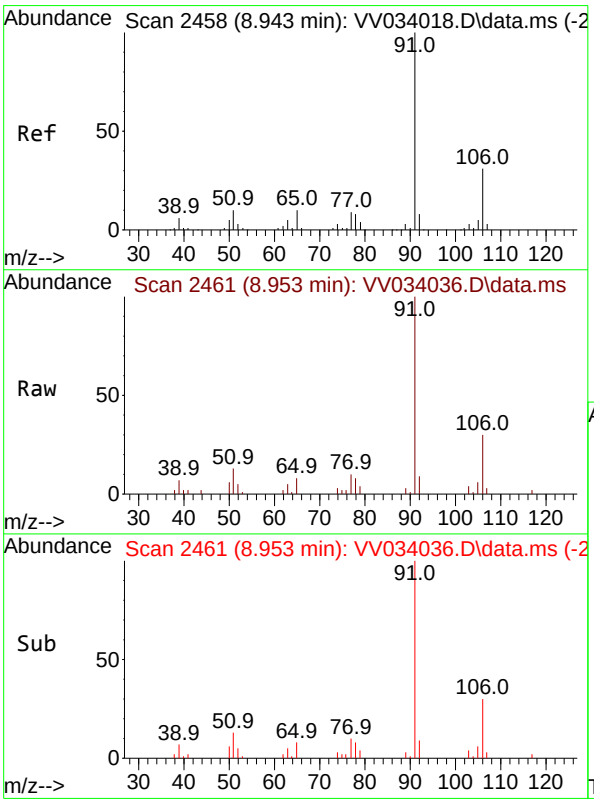
#42
Toluene
Concen: 9.578 ug/L
RT: 7.316 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV034036.D
Acq: 07 Feb 2024 17:19

Instrument :
MSVOA_V
ClientSampleId :
E0YB9

Tgt Ion: 91 Resp: 299964

Ion	Ratio	Lower	Upper
91	100		
92	58.4	42.1	78.3

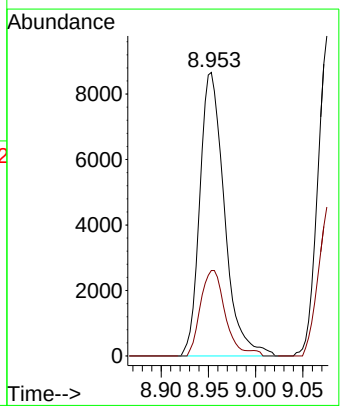


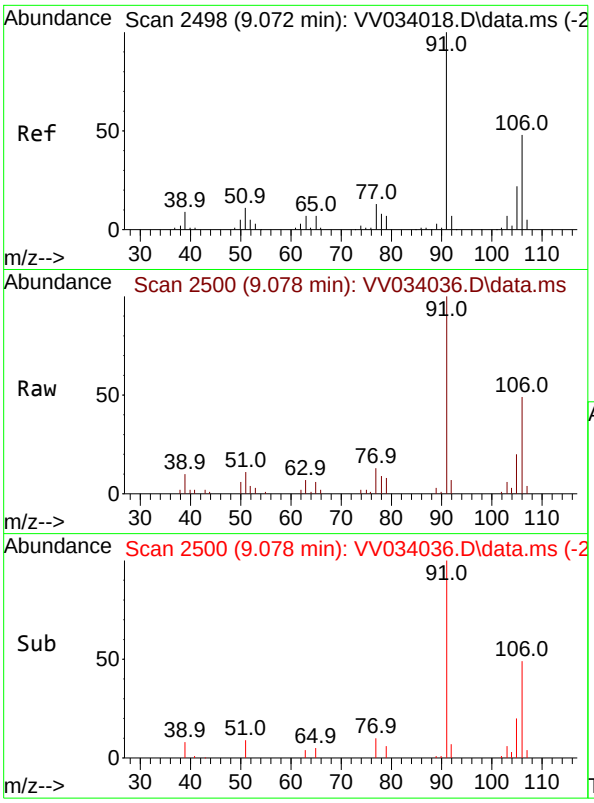


#52
Ethylbenzene
Concen: 0.435 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.010 min
Lab File: VV034036.D
Acq: 07 Feb 2024 17:19

Tgt Ion: 91 Resp: 15678

Ion	Ratio	Lower	Upper
91	100		
106	30.1	21.4	39.8



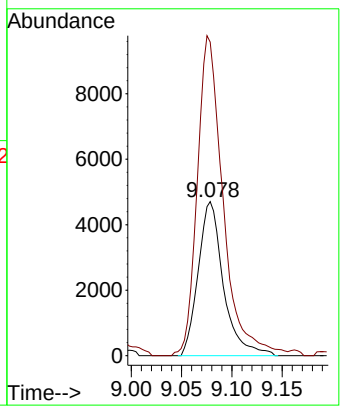


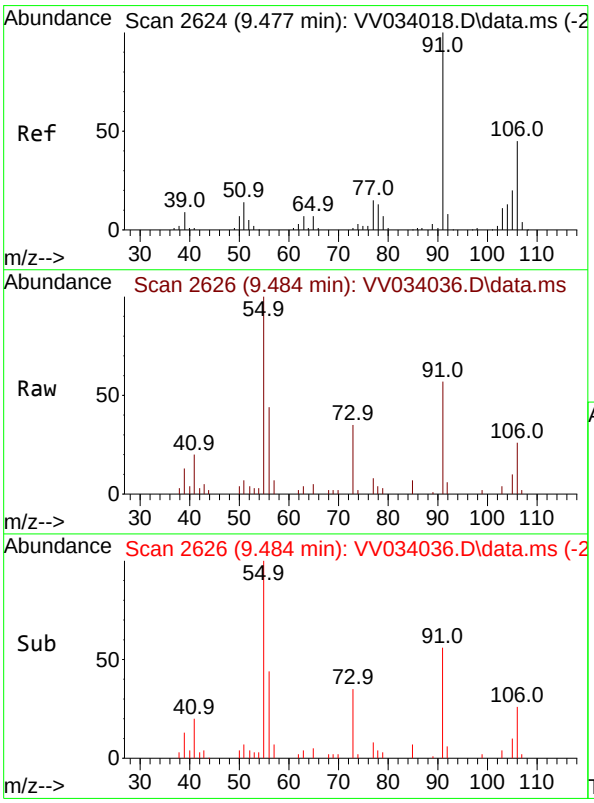
#53
m,p-Xylene
Concen: 0.603 ug/L
RT: 9.078 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV034036.D
Acq: 07 Feb 2024 17:19

Instrument :
MSVOA_V
ClientSampleId :
E0YB9

Tgt Ion:106 Resp: 8219

Ion	Ratio	Lower	Upper
106	100		
91	203.5	147.5	273.9

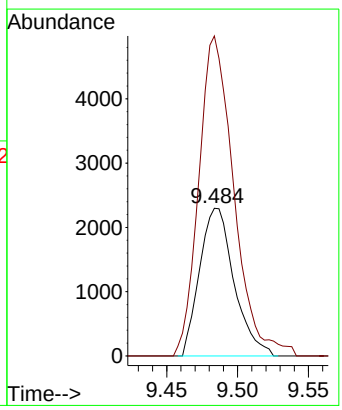


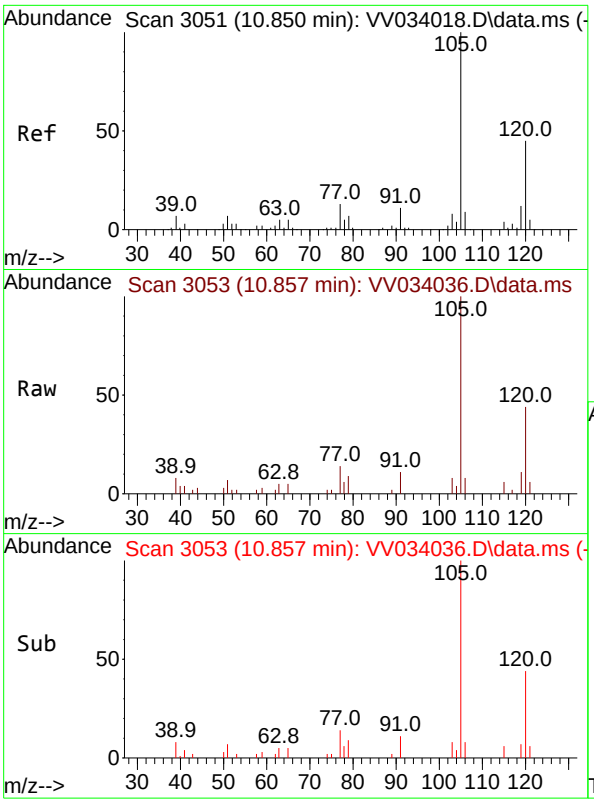


#54
o-Xylene
Concen: 0.296 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.006 min
Lab File: VV034036.D
Acq: 07 Feb 2024 17:19

Tgt Ion:106 Resp: 3889

Ion	Ratio	Lower	Upper
106	100		
91	216.6	156.2	290.0





#63
1,2,4-Trimethylbenzene
Concen: 0.276 ug/L
RT: 10.857 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV034036.D
Acq: 07 Feb 2024 17:19

Instrument :
MSVOA_V
ClientSampleId :
E0YB9

Tgt Ion:105 Resp: 8389

Ion	Ratio	Lower	Upper
105	100		
120	43.0	36.2	54.2