Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034028.D
Acq On : 07 Feb 2024 14:06
Operator : SY/MD
Sample : P1383-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YA9

Quant Time: Feb 08 04:49:19 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	5.539	114	84944	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	80835	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	40298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22854	3.474	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.400%			
7) Chloroethane-d5	1.532	69	21544	3.739	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.800%			
11) 1,1-Dichloroethene-d2	2.060	65	11979	3.776	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.600%			
20) 2-Butanone-d5	3.796	46	47388	42.890	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.780%			
24) Chloroform-d	4.252	84	50469	4.222	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.400%			
26) 1,2-Dichloroethane-d4	4.947	65	24834	4.445	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.000%			
32) Benzene-d6	4.963	84	95453	3.936	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.800%			
36) 1,2-Dichloropropane-d6	5.992	67	27786	4.099	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.000%			
41) Toluene-d8	7.246	98	88917	3.989	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.800%			
43) trans-1,3-Dichloroprop...	7.561	79	9933	3.880	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.600%			
46) 2-Hexanone-d5	8.027	63	41104	44.980	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.960%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18441	4.487	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.800%			
66) 1,2-Dichlorobenzene-d4	11.561	152	31800	4.339	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.800%			
Target Compounds						Qvalue
30) Cyclohexane	4.587	56	2809	0.266	ug/L #	81
33) Benzene	5.021	78	3483	0.144	ug/L	100
34) Trichloroethene	5.847	95	2415	0.344	ug/L	97
35) Methylcyclohexane	6.053	83	5289	0.480	ug/L	95
42) Toluene	7.323	91	16697	0.644	ug/L	98
52) Ethylbenzene	8.956	91	5116	0.172	ug/L	100
53) m,p-Xylene	9.082	106	2268	0.201	ug/L	97
54) o-Xylene	9.484	106	1124	0.103	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	4350	0.178	ug/L	91

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

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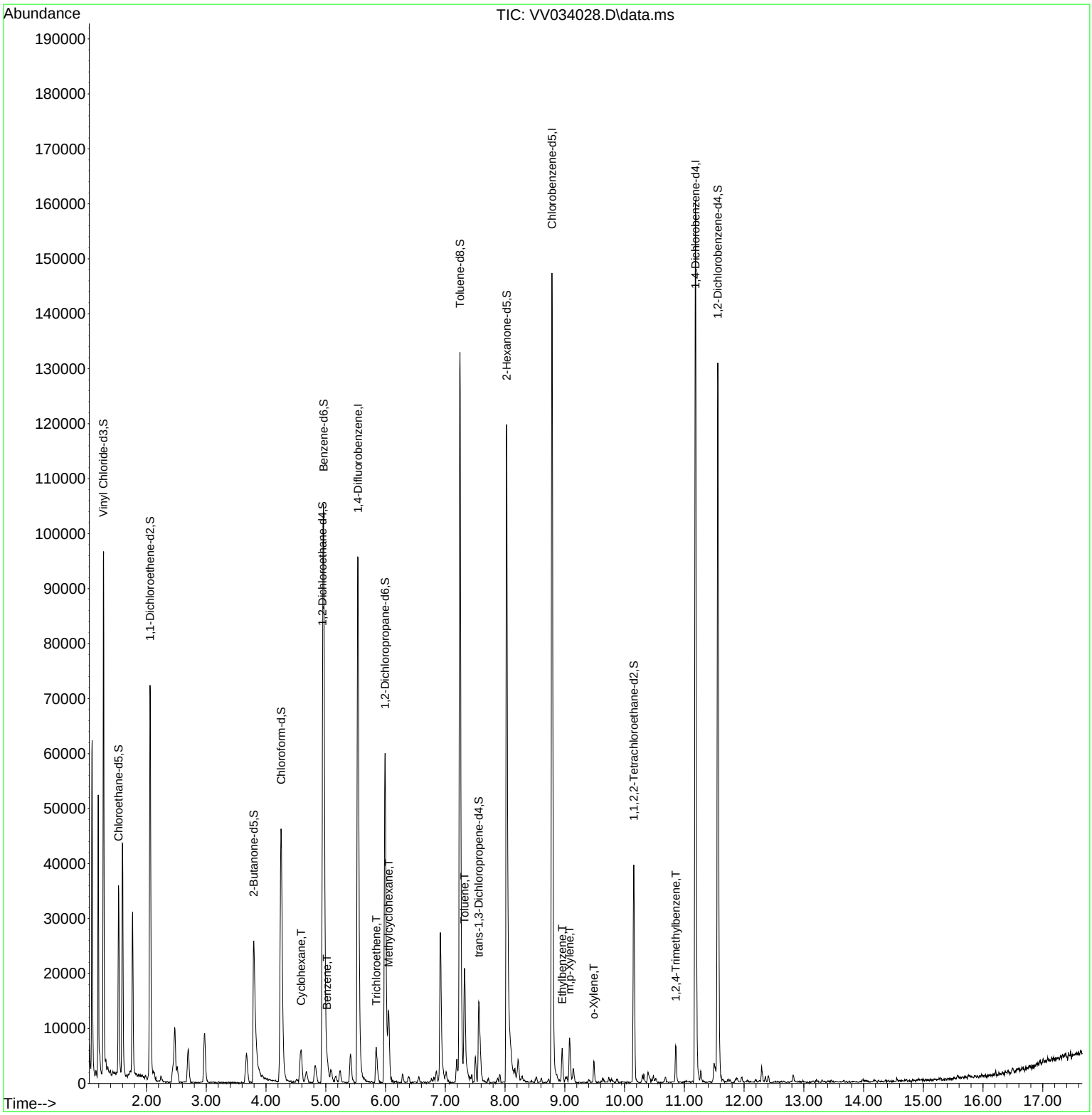
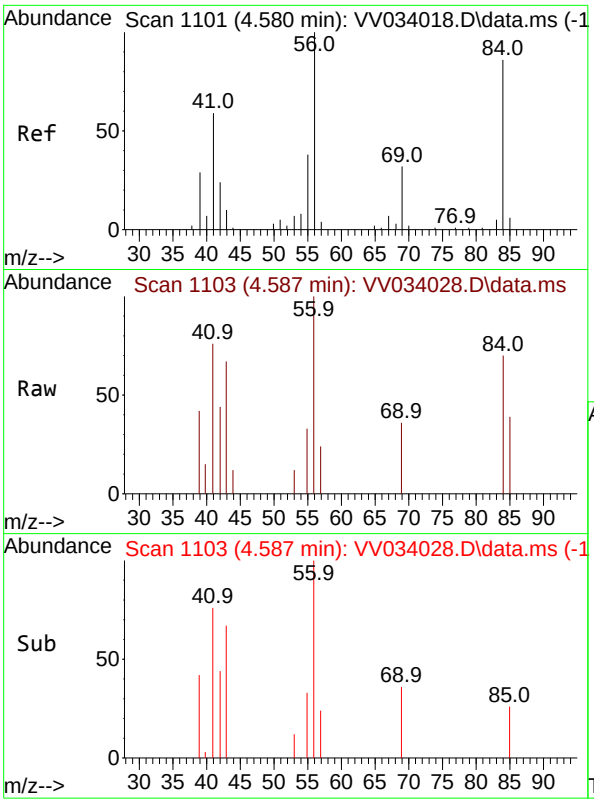


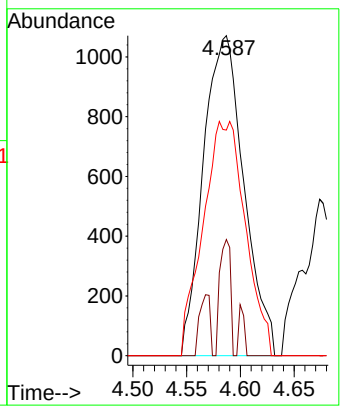


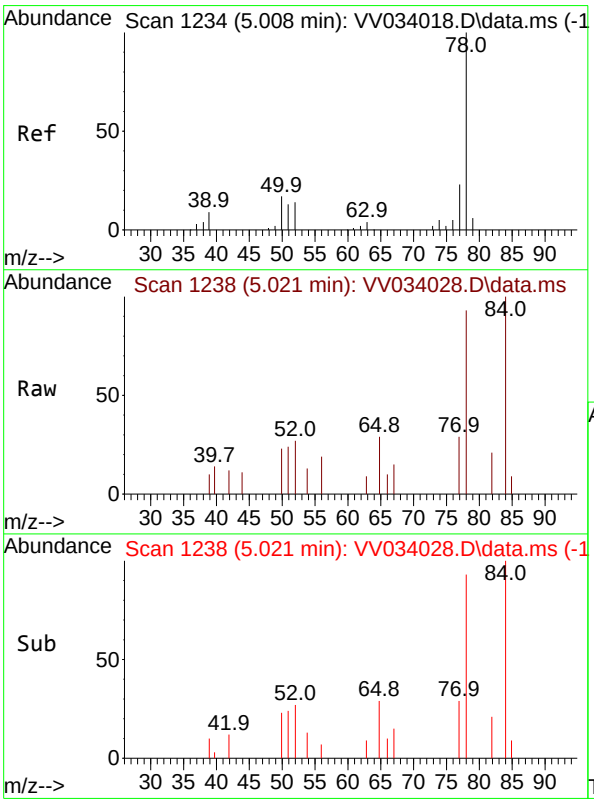
#30
Cyclohexane
Concen: 0.266 ug/L
RT: 4.587 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV034028.D
Acq: 07 Feb 2024 14:06

Instrument :
MSVOA_V
ClientSampleId :
E0YA9

Tgt Ion: 56 Resp: 2809

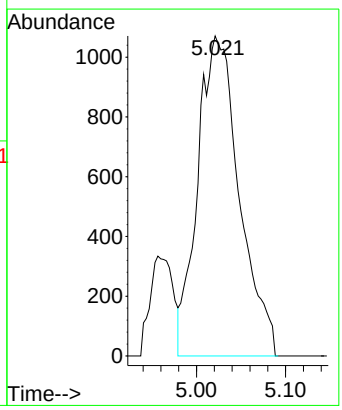
Ion	Ratio	Lower	Upper
56	100		
69	9.5	24.2	36.2#
84	76.4	70.0	105.0

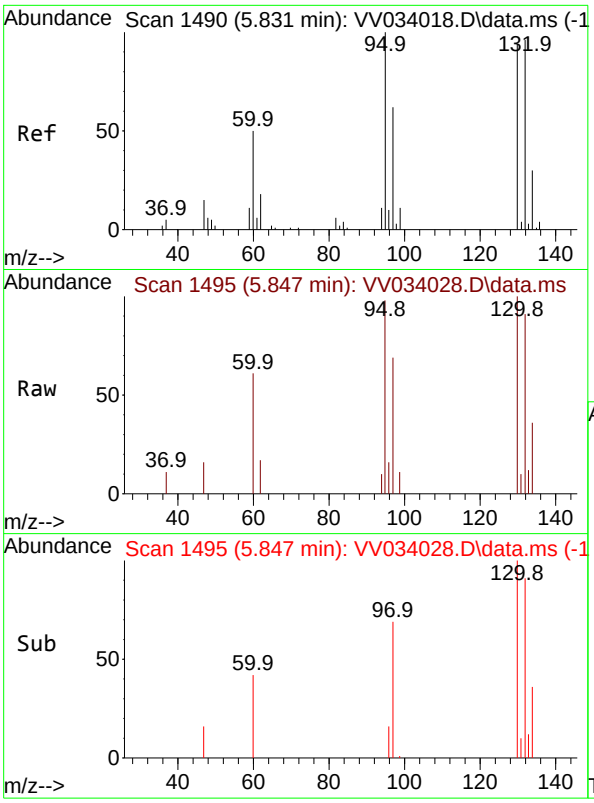




#33
Benzene
Concen: 0.144 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.013 min
Lab File: VV034028.D
Acq: 07 Feb 2024 14:06

Tgt Ion: 78 Resp: 3483



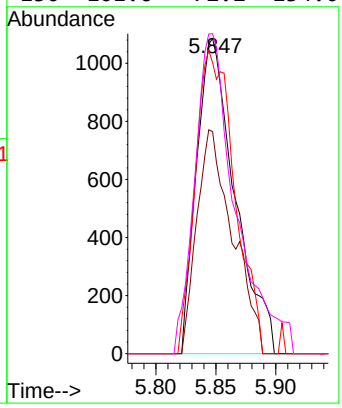


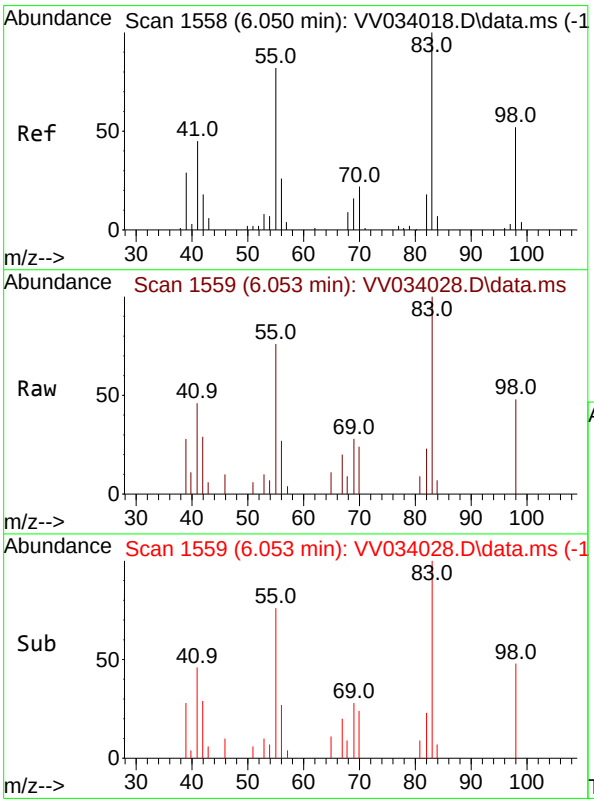
#34
Trichloroethene
Concen: 0.344 ug/L
RT: 5.847 min Scan# 14
Delta R.T. 0.016 min
Lab File: VV034028.D
Acq: 07 Feb 2024 14:06

Instrument :
MSVOA_V
ClientSampleId :
E0YA9

Tgt Ion: 95 Resp: 2415

Ion	Ratio	Lower	Upper
95	100		
97	70.5	45.1	83.7
132	92.4	66.0	122.6
130	101.6	72.2	134.0

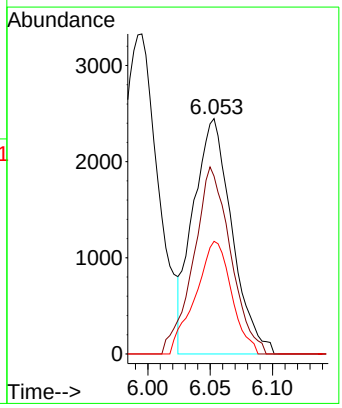


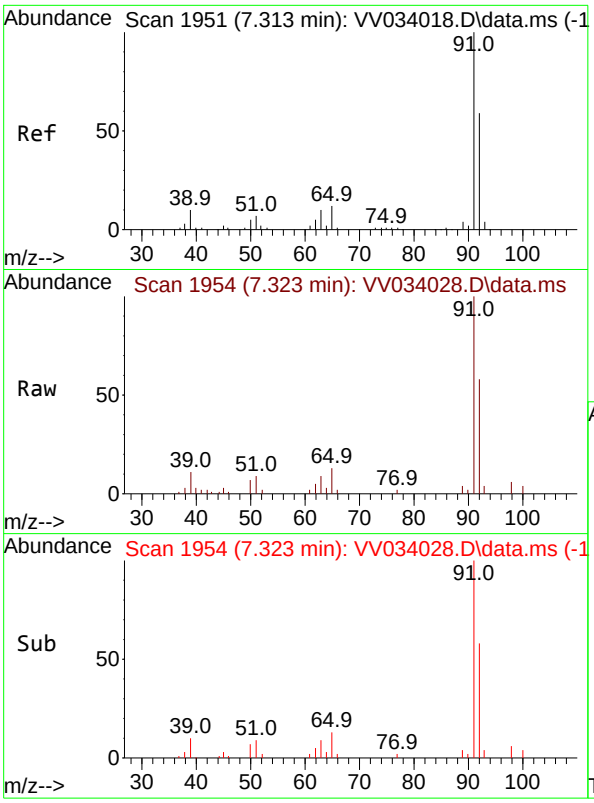


#35
Methylcyclohexane
Concen: 0.480 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV034028.D
Acq: 07 Feb 2024 14:06

Tgt Ion: 83 Resp: 5289

Ion	Ratio	Lower	Upper
83	100		
55	76.0	63.5	95.3
98	44.5	39.0	58.4



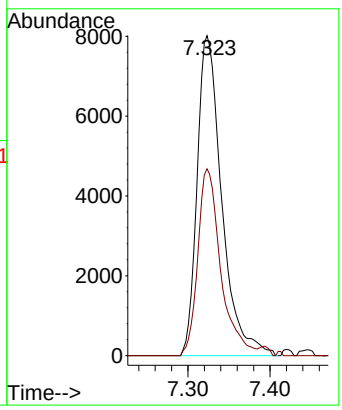


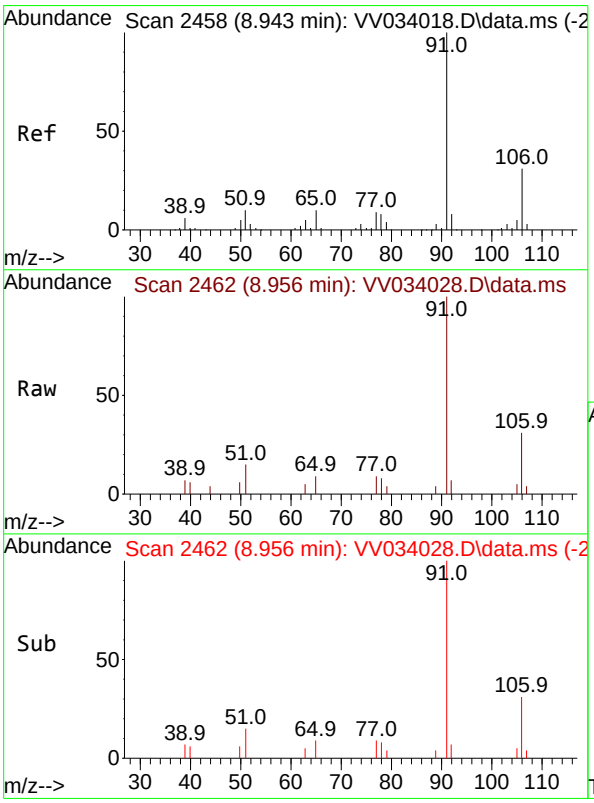
#42
Toluene
Concen: 0.644 ug/L
RT: 7.323 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV034028.D
Acq: 07 Feb 2024 14:06

Instrument :
MSVOA_V
ClientSampleId :
E0YA9

Tgt Ion: 91 Resp: 16697

Ion	Ratio	Lower	Upper
91	100		
92	58.4	42.1	78.3

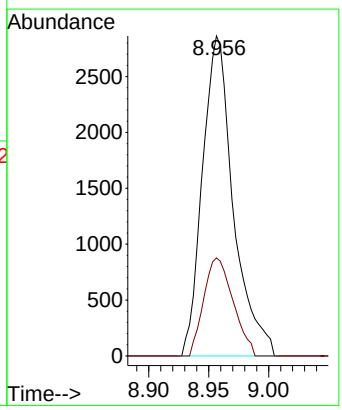


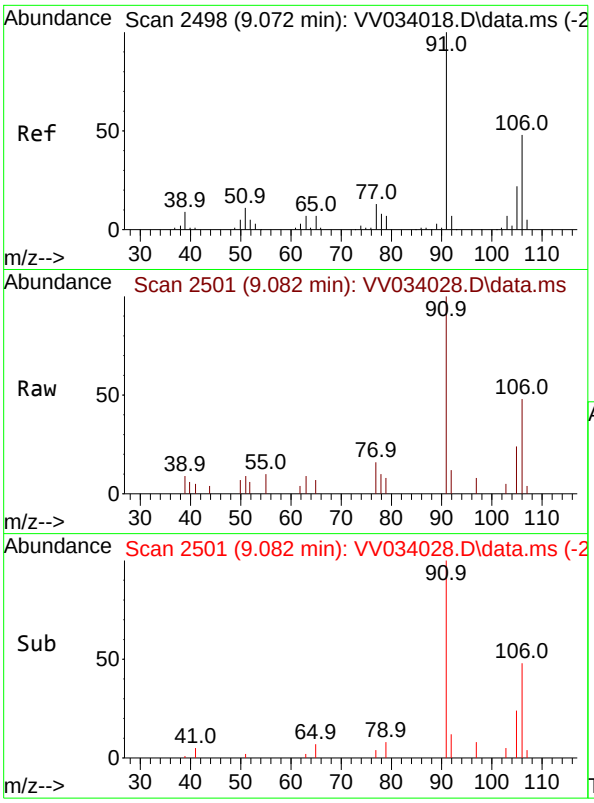


#52
Ethylbenzene
Concen: 0.172 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.013 min
Lab File: VV034028.D
Acq: 07 Feb 2024 14:06

Tgt Ion: 91 Resp: 5116

Ion	Ratio	Lower	Upper
91	100		
106	30.7	21.4	39.8



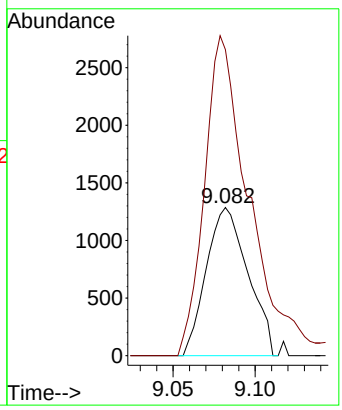


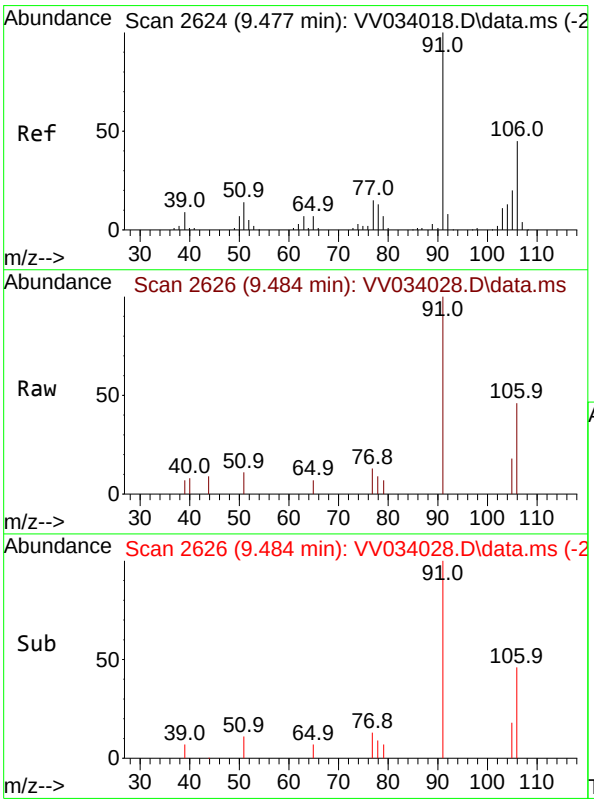
#53
m,p-Xylene
Concen: 0.201 ug/L
RT: 9.082 min Scan# 2
Delta R.T. 0.010 min
Lab File: VV034028.D
Acq: 07 Feb 2024 14:06

Instrument :
MSVOA_V
ClientSampleId :
E0YA9

Tgt Ion:106 Resp: 2268

Ion	Ratio	Lower	Upper
106	100		
91	206.6	147.5	273.9

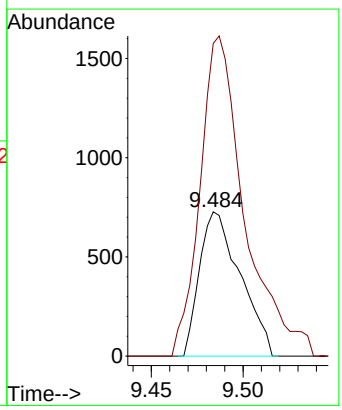


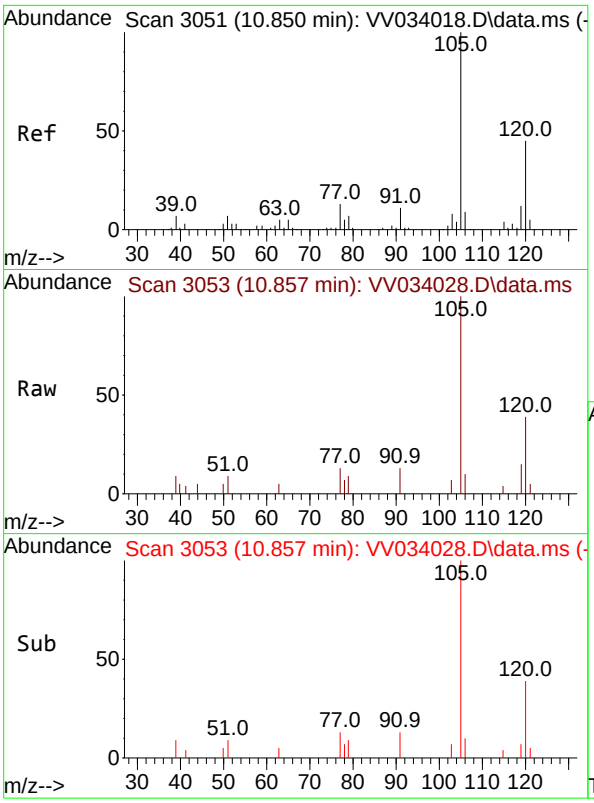


#54
o-Xylene
Concen: 0.103 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.007 min
Lab File: VV034028.D
Acq: 07 Feb 2024 14:06

Tgt Ion:106 Resp: 1124

Ion	Ratio	Lower	Upper
106	100		
91	216.8	156.2	290.0





#63
1,2,4-Trimethylbenzene
Concen: 0.178 ug/L
RT: 10.857 min Scan# 3
Delta R.T. 0.007 min
Lab File: VV034028.D
Acq: 07 Feb 2024 14:06

Instrument :
MSVOA_V
ClientSampleId :
E0YA9

Tgt Ion:105 Resp: 4350

Ion	Ratio	Lower	Upper
105	100		
120	39.4	36.2	54.2