Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
Data File : VV032256.D
Acq On : 05 Oct 2023 15:20
Operator : SY/MD
Sample : 04748-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX859

Quant Time: Oct 06 01:29:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 01:20:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	77263	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	75265	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	36405	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25949	4.130	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.600%			
7) Chloroethane-d5	1.532	69	23910	4.688	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.800%			
11) 1,1-Dichloroethene-d2	2.060	65	10787	4.070	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.400%			
20) 2-Butanone-d5	3.793	46	92172	57.985	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.980%			
24) Chloroform-d	4.256	84	49805	4.493	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.800%			
26) 1,2-Dichloroethane-d4	4.947	65	27228	5.186	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.800%			
32) Benzene-d6	4.966	84	96954	4.378	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.600%			
36) 1,2-Dichloropropane-d6	5.995	67	34533	4.706	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.200%			
41) Toluene-d8	7.249	98	80238	3.962	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.200%			
43) trans-1,3-Dichloroprop...	7.561	79	11282	4.339	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.800%			
46) 2-Hexanone-d5	8.027	63	72562	59.313	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.620%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28942	5.639	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.800%			
66) 1,2-Dichlorobenzene-d4	11.564	152	32280	4.778	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.600%			
Target Compounds						Qvalue
30) Cyclohexane	4.584	56	3188	0.284	ug/L	97
33) Benzene	5.021	78	9778	0.369	ug/L	100
35) Methylcyclohexane	6.056	83	4521	0.404	ug/L	92
42) Toluene	7.323	91	21506	0.761	ug/L	99
52) Ethylbenzene	8.957	91	5058	0.161	ug/L	92
53) m,p-Xylene	9.082	106	3864	0.331	ug/L	80
54) o-Xylene	9.487	106	1596	0.142	ug/L	86
63) 1,2,4-Trimethylbenzene	10.860	105	2663	0.116	ug/L	99

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

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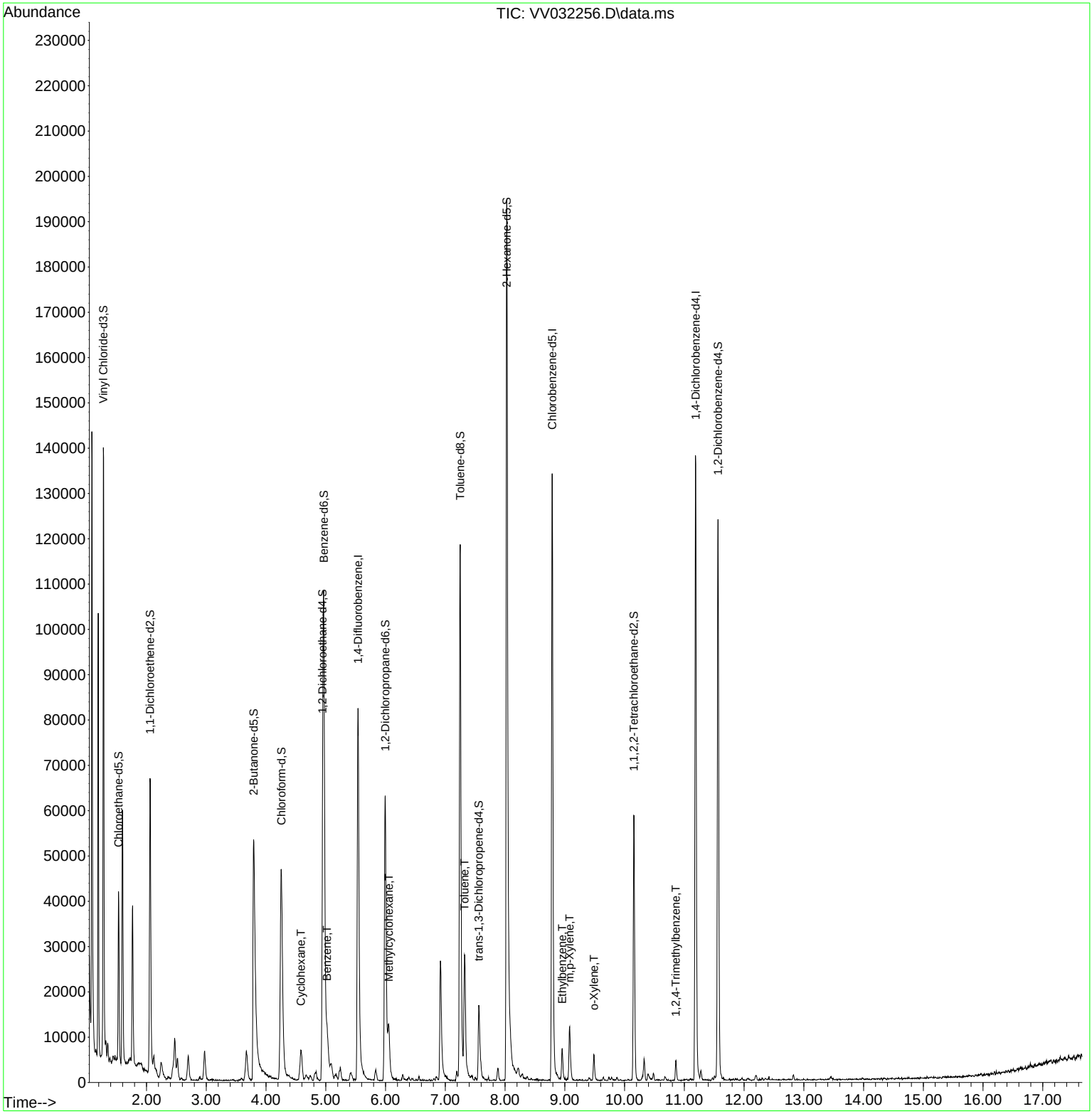
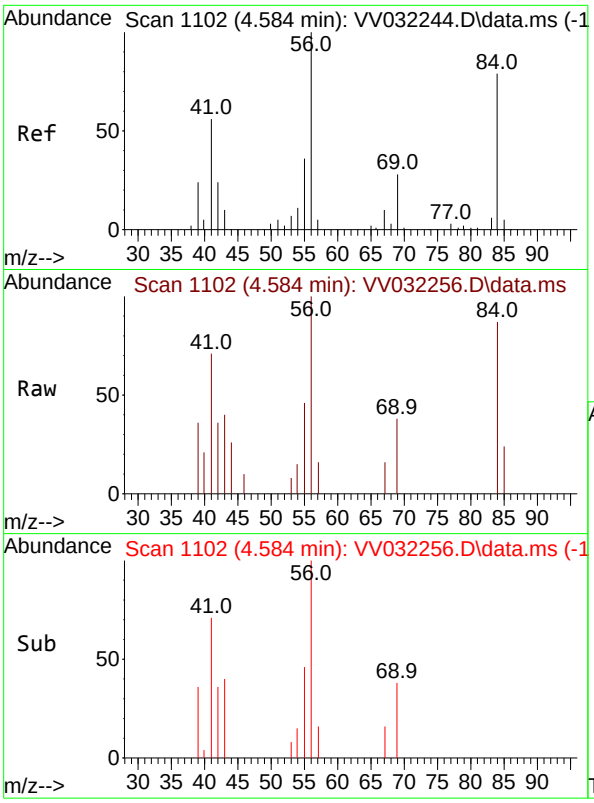
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 01:20:04 2023
Response via : Initial Calibration



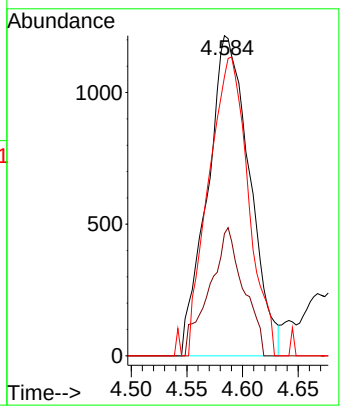


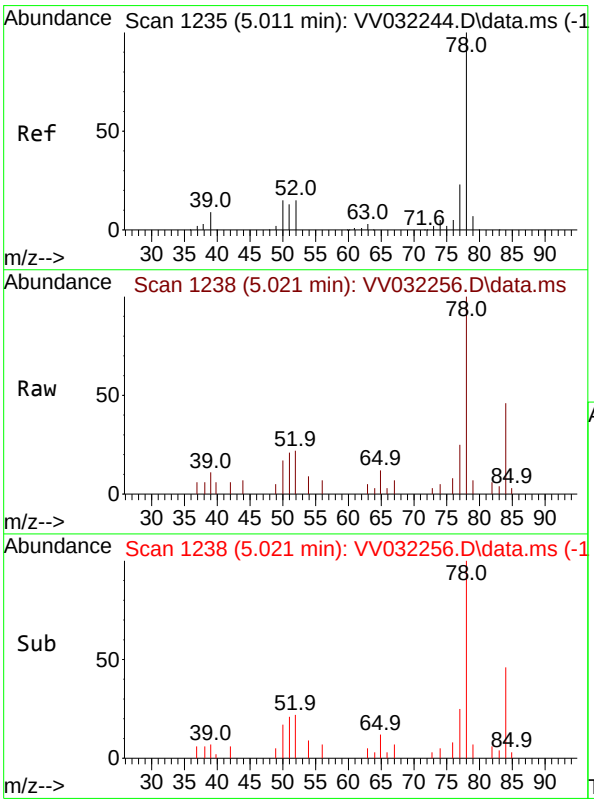
#30
Cyclohexane
Concen: 0.284 ug/L
RT: 4.584 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032256.D
Acq: 05 Oct 2023 15:20

Instrument :
MSVOA_V
ClientSampleId :
EX859

Tgt Ion: 56 Resp: 3188

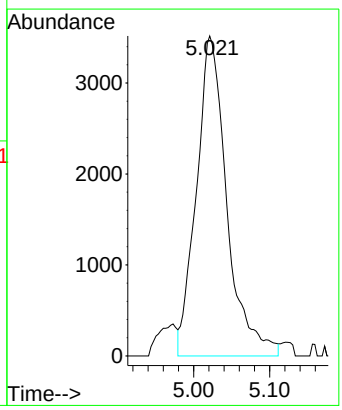
Ion	Ratio	Lower	Upper
56	100		
69	32.6	24.2	36.2
84	87.8	68.1	102.1

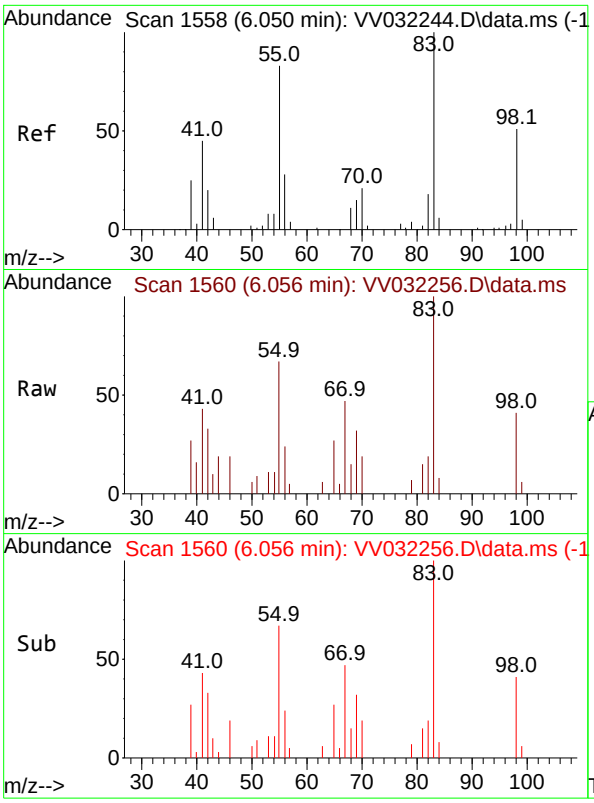




#33
Benzene
Concen: 0.369 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.010 min
Lab File: VV032256.D
Acq: 05 Oct 2023 15:20

Tgt Ion: 78 Resp: 9778



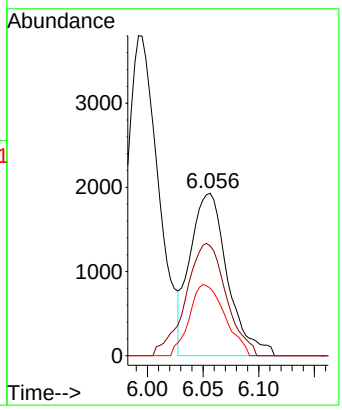


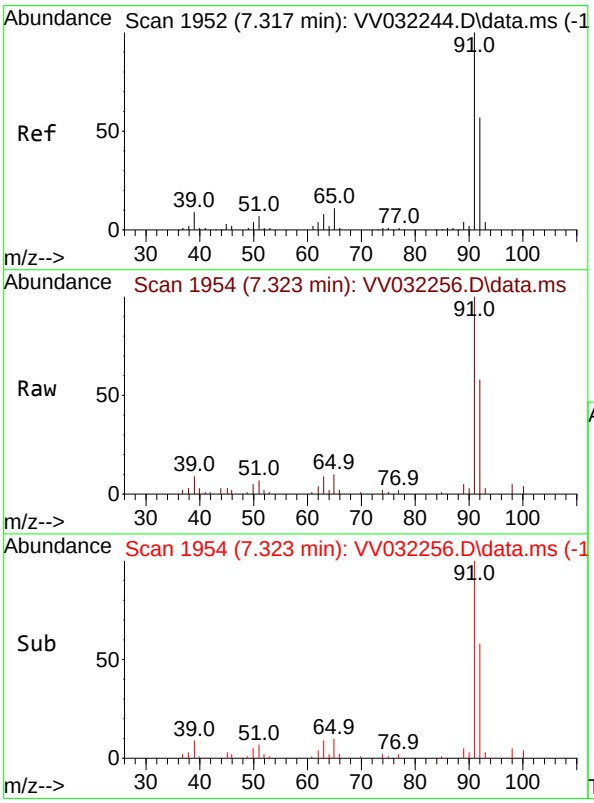
#35
Methylcyclohexane
Concen: 0.404 ug/L
RT: 6.056 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV032256.D
Acq: 05 Oct 2023 15:20

Instrument :
MSVOA_V
ClientSampleId :
EX859

Tgt Ion: 83 Resp: 4521

Ion	Ratio	Lower	Upper
83	100		
55	74.5	64.2	96.2
98	41.4	39.6	59.4

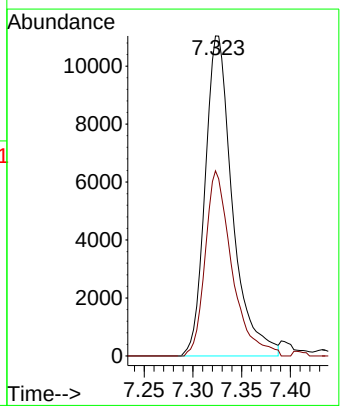


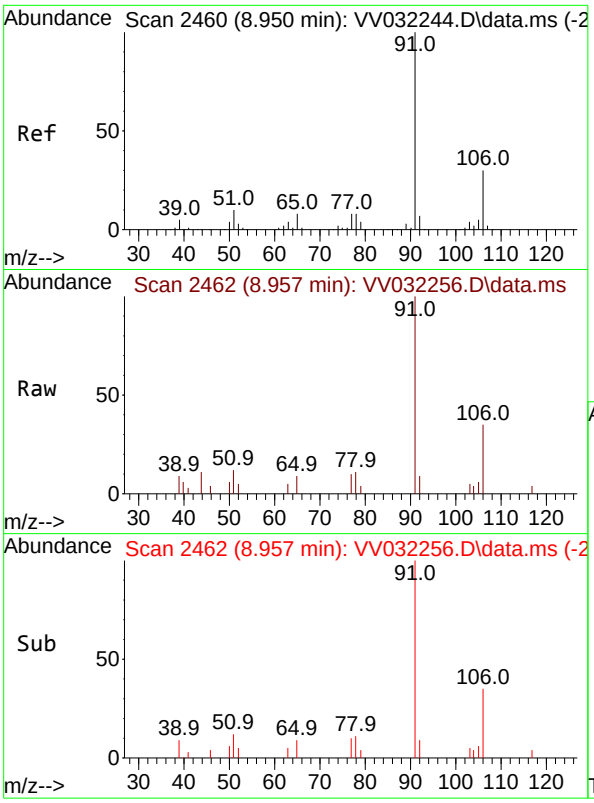


#42
Toluene
Concen: 0.761 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.007 min
Lab File: VV032256.D
Acq: 05 Oct 2023 15:20

Tgt Ion: 91 Resp: 21506

Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.8	75.8



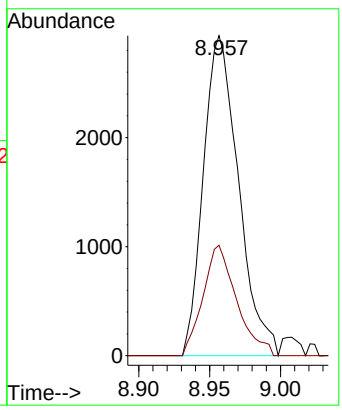


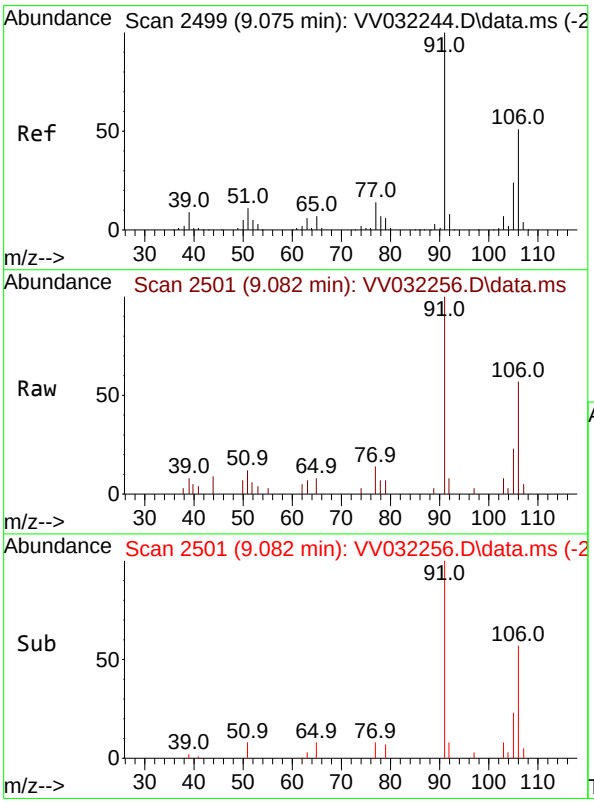
#52
Ethylbenzene
Concen: 0.161 ug/L
RT: 8.957 min Scan# 24
Delta R.T. 0.007 min
Lab File: VV032256.D
Acq: 05 Oct 2023 15:20

Instrument :
MSVOA_V
ClientSampleId :
EX859

Tgt Ion: 91 Resp: 5058

Ion	Ratio	Lower	Upper
91	100		
106	34.5	21.3	39.5

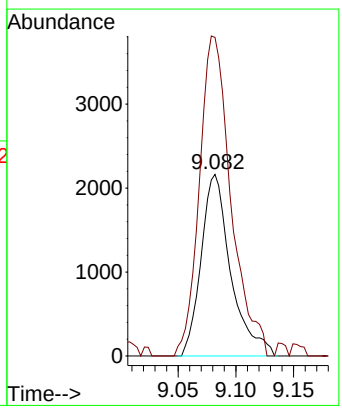


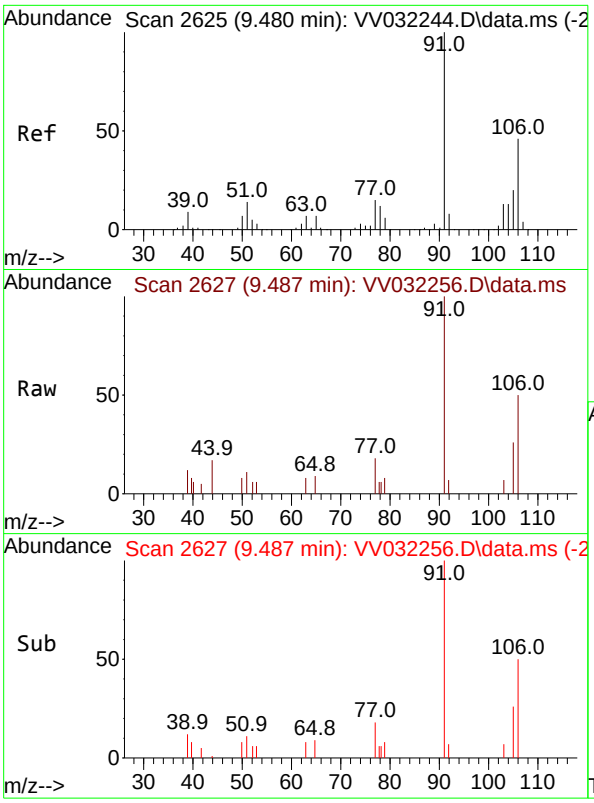


#53
m,p-Xylene
Concen: 0.331 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.007 min
Lab File: VV032256.D
Acq: 05 Oct 2023 15:20

Tgt Ion:106 Resp: 3864

Ion	Ratio	Lower	Upper
106	100		
91	175.3	144.5	268.3



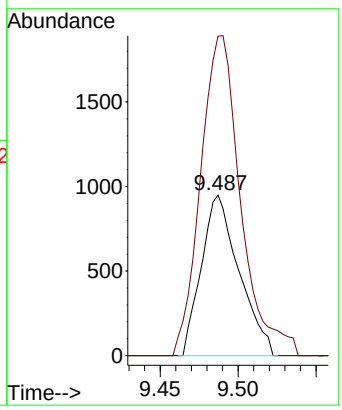


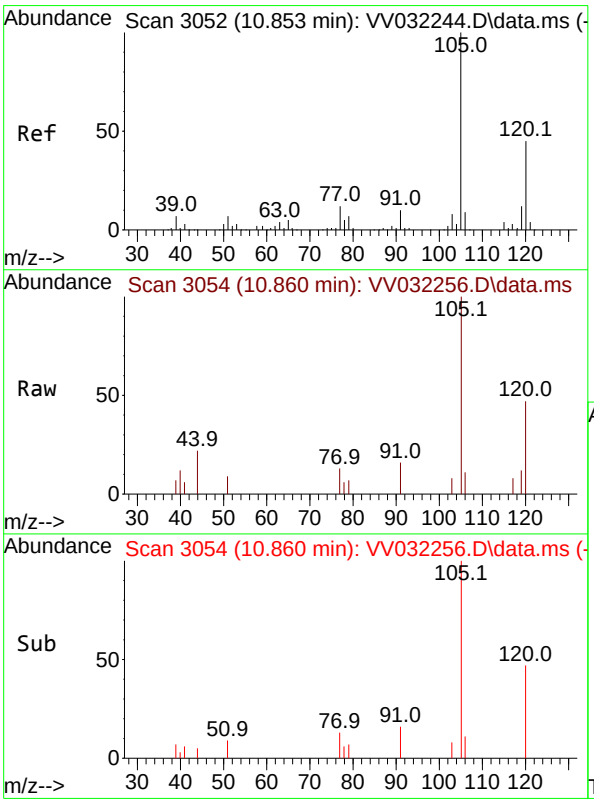
#54
o-Xylene
Concen: 0.142 ug/L
RT: 9.487 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV032256.D
Acq: 05 Oct 2023 15:20

Instrument :
MSVOA_V
ClientSampleId :
EX859

Tgt Ion:106 Resp: 1596

Ion	Ratio	Lower	Upper
106	100		
91	198.8	154.8	287.4





#63
1,2,4-Trimethylbenzene
Concen: 0.116 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.007 min
Lab File: VV032256.D
Acq: 05 Oct 2023 15:20

Tgt Ion:105 Resp: 2663

Ion	Ratio	Lower	Upper
105	100		
120	44.6	36.2	54.4