Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
Data File : VV032257.D
Acq On : 05 Oct 2023 15:45
Operator : SY/MD
Sample : 04748-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX860

Quant Time: Oct 06 01:29:38 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	5.542	114	68479	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	69612	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	32871	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26262	4.715	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.400%			
7) Chloroethane-d5	1.532	69	24432	5.404	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.000%			
11) 1,1-Dichloroethene-d2	2.059	65	11238	4.785	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.600%			
20) 2-Butanone-d5	3.799	46	94713	67.227	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 134.460%#			
24) Chloroform-d	4.256	84	53671	5.463	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.200%			
26) 1,2-Dichloroethane-d4	4.947	65	28787	6.186	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 123.800%			
32) Benzene-d6	4.966	84	101379	4.949	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.000%			
36) 1,2-Dichloropropane-d6	5.995	67	36067	5.314	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.200%			
41) Toluene-d8	7.249	98	84780	4.526	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.600%			
43) trans-1,3-Dichloroprop...	7.561	79	11377	4.731	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.600%			
46) 2-Hexanone-d5	8.030	63	74360	65.718	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 131.440%#			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	29650	6.246	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 125.000%#			
66) 1,2-Dichlorobenzene-d4	11.564	152	32964	5.404	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.000%			
Target Compounds						Qvalue
30) Cyclohexane	4.583	56	3563	0.343	ug/L #	94
33) Benzene	5.018	78	8683	0.354	ug/L	100
35) Methylcyclohexane	6.059	83	4403	0.425	ug/L	89
42) Toluene	7.326	91	21348	0.817	ug/L	99
52) Ethylbenzene	8.956	91	5017	0.172	ug/L	97
53) m,p-Xylene	9.082	106	3473	0.322	ug/L	80
54) o-Xylene	9.484	106	1366	0.131	ug/L	78
63) 1,2,4-Trimethylbenzene	10.860	105	2041	0.098	ug/L	89

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

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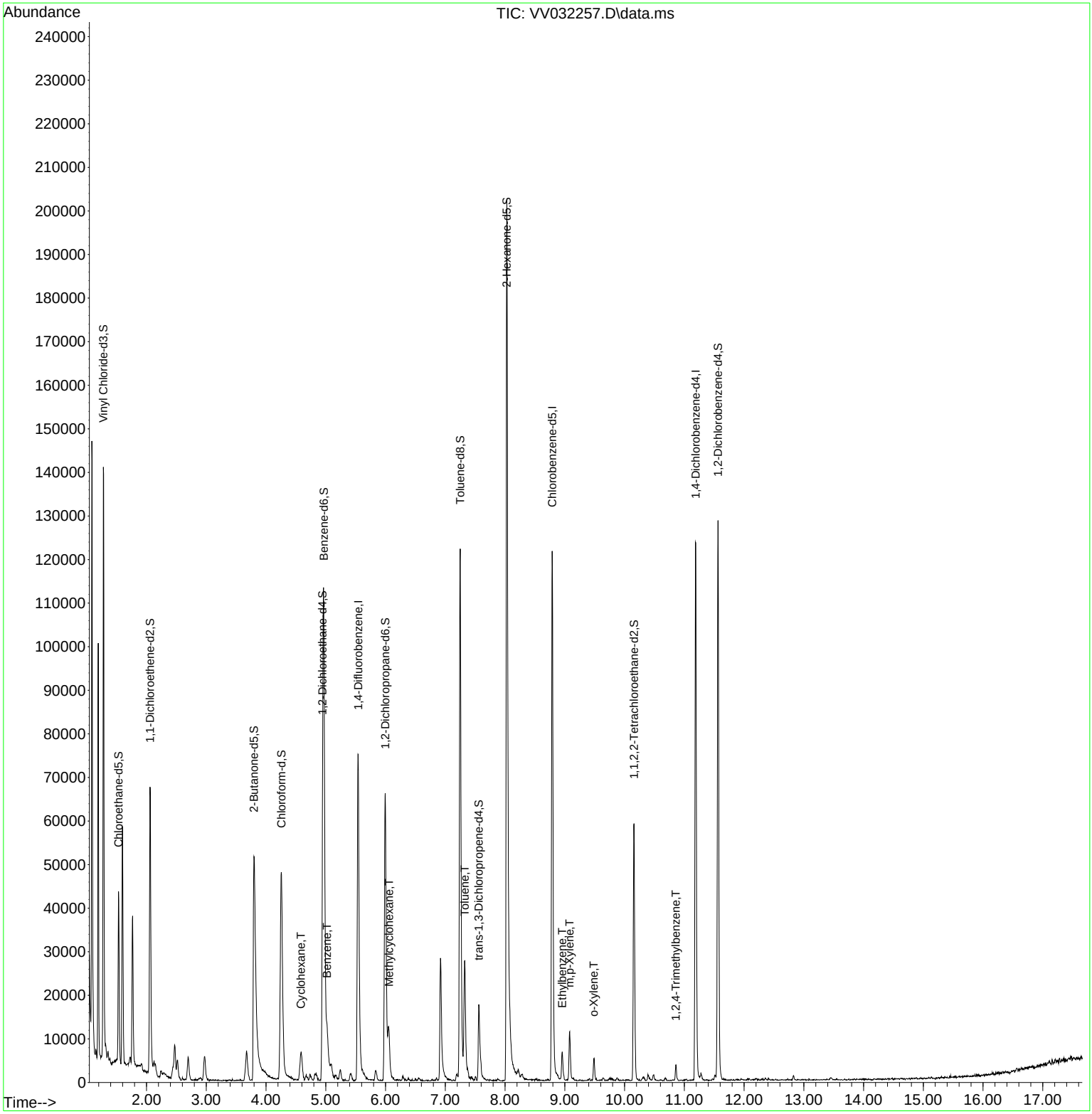
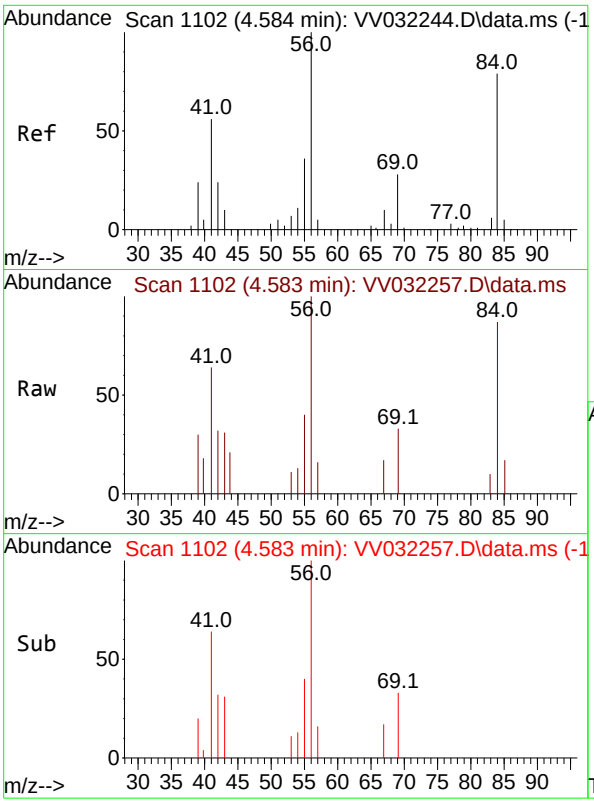
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 01:20:04 2023
Response via : Initial Calibration



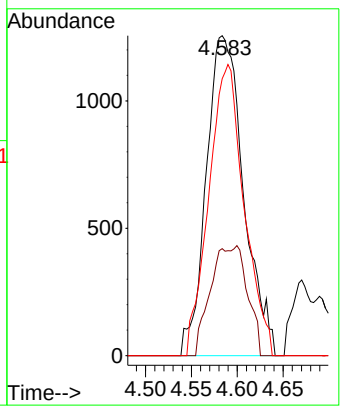


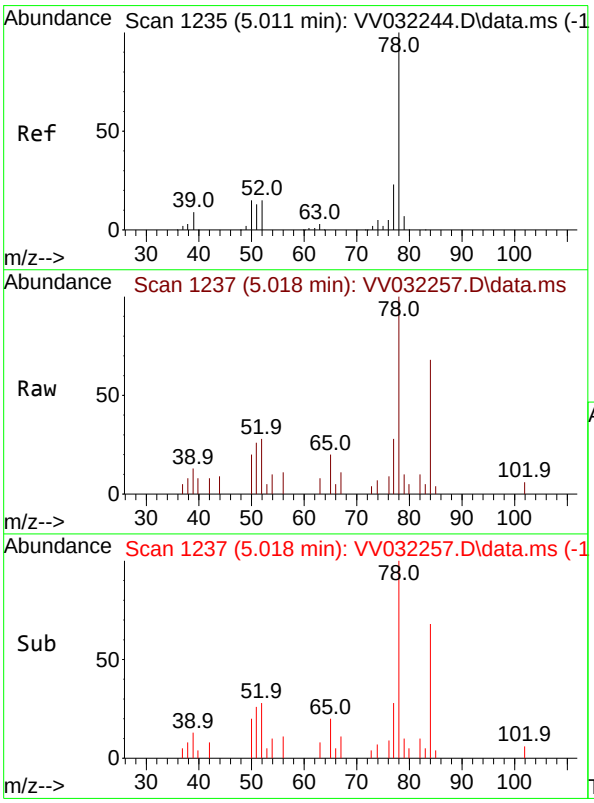
#30
Cyclohexane
Concen: 0.343 ug/L
RT: 4.583 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032257.D
Acq: 05 Oct 2023 15:45

Instrument :
MSVOA_V
ClientSampleId :
EX860

Tgt Ion: 56 Resp: 3563

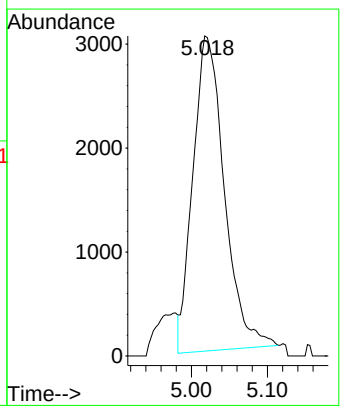
Ion	Ratio	Lower	Upper
56	100		
69	19.6	24.2	36.2#
84	85.9	68.1	102.1

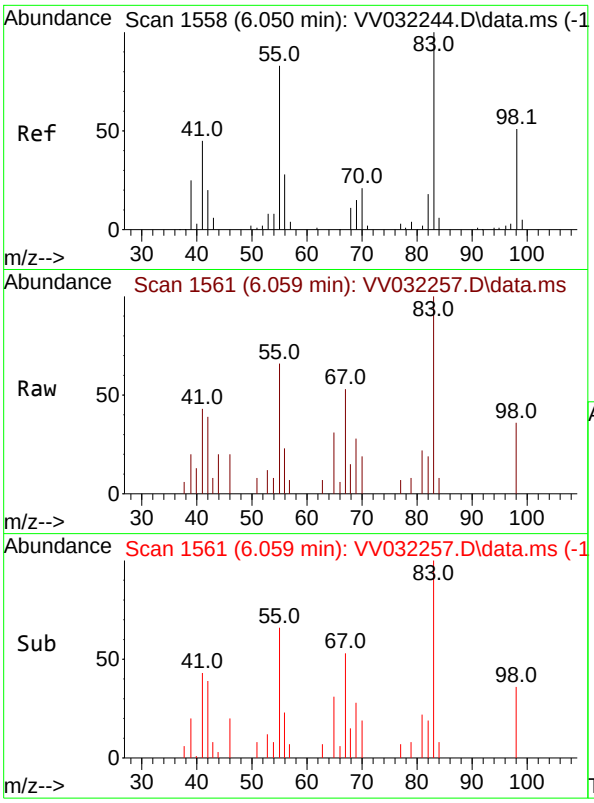




#33
Benzene
Concen: 0.354 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV032257.D
Acq: 05 Oct 2023 15:45

Tgt Ion: 78 Resp: 8683



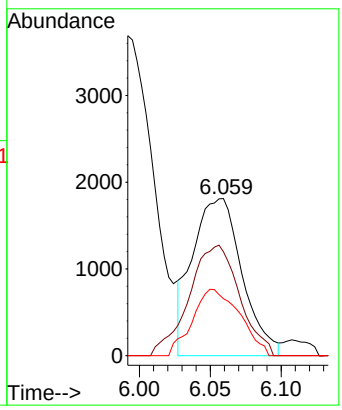


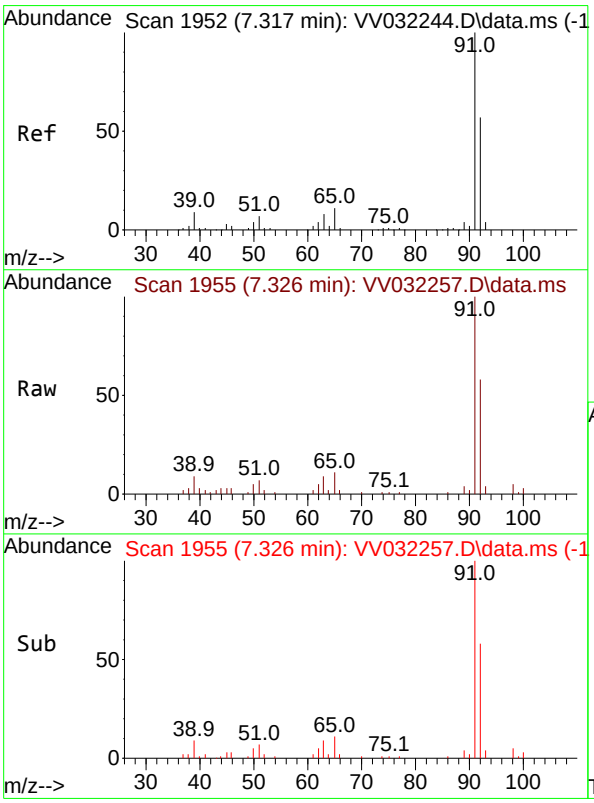
#35
Methylcyclohexane
Concen: 0.425 ug/L
RT: 6.059 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV032257.D
Acq: 05 Oct 2023 15:45

Instrument :
MSVOA_V
ClientSampleId :
EX860

Tgt Ion: 83 Resp: 4403

Ion	Ratio	Lower	Upper
83	100		
55	71.7	64.2	96.2
98	40.3	39.6	59.4

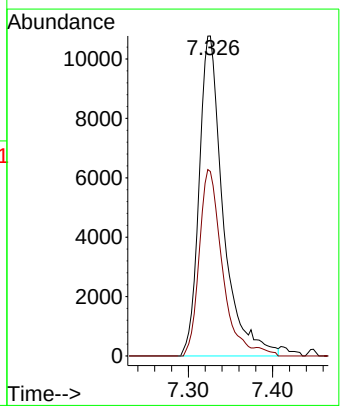


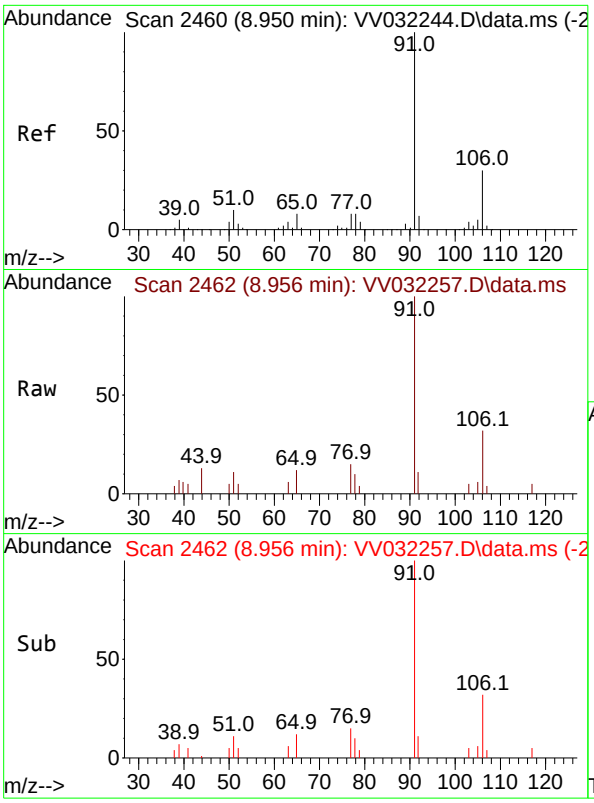


#42
Toluene
Concen: 0.817 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.010 min
Lab File: VV032257.D
Acq: 05 Oct 2023 15:45

Tgt Ion: 91 Resp: 21348

Ion	Ratio	Lower	Upper
91	100		
92	57.7	40.8	75.8



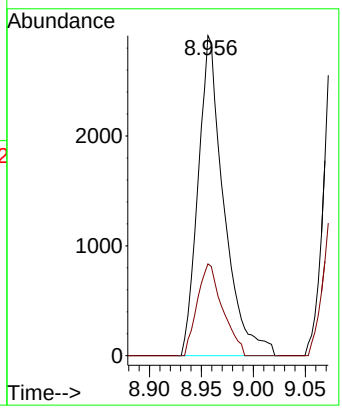


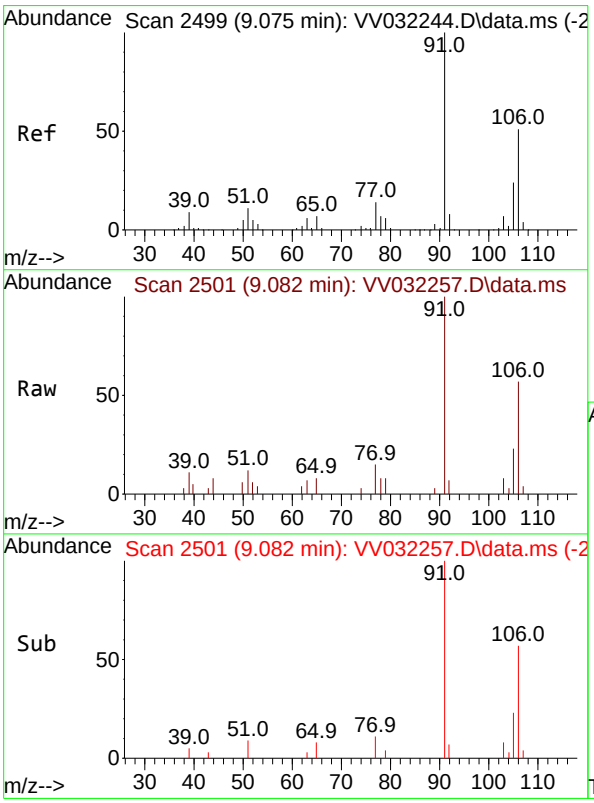
#52
Ethylbenzene
Concen: 0.172 ug/L
RT: 8.956 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV032257.D
Acq: 05 Oct 2023 15:45

Instrument :
MSVOA_V
ClientSampleId :
EX860

Tgt Ion: 91 Resp: 5017

Ion	Ratio	Lower	Upper
91	100		
106	28.7	21.3	39.5

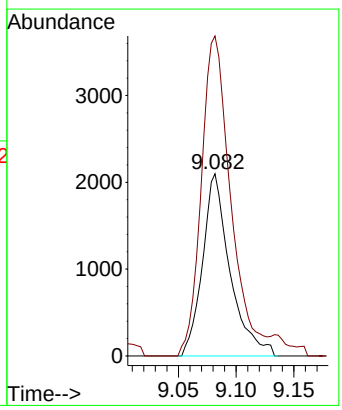


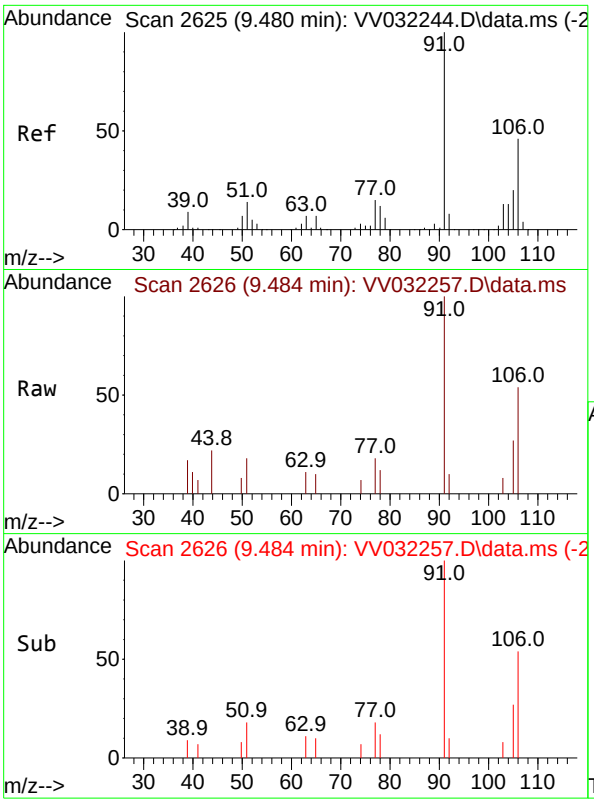


#53
m,p-Xylene
Concen: 0.322 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.006 min
Lab File: VV032257.D
Acq: 05 Oct 2023 15:45

Tgt Ion:106 Resp: 3473

Ion	Ratio	Lower	Upper
106	100		
91	175.6	144.5	268.3



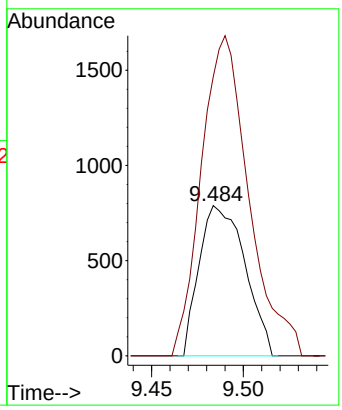


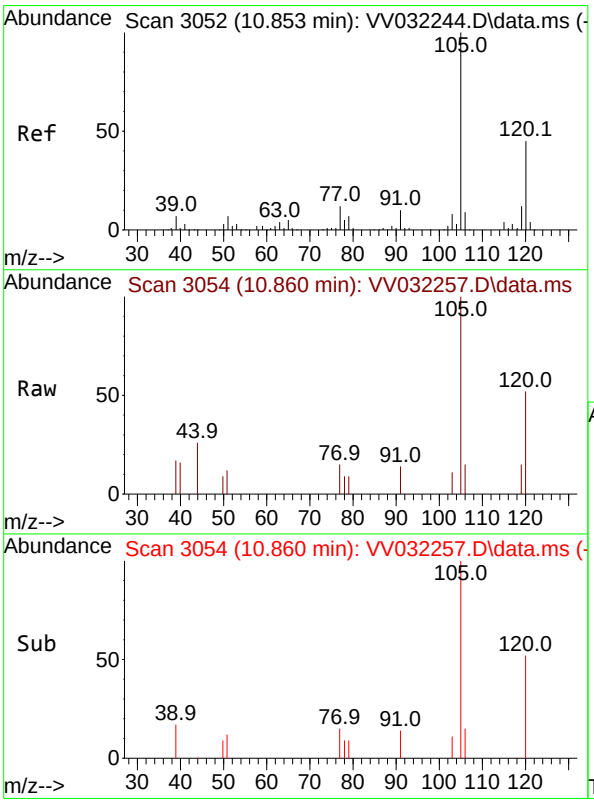
#54
o-Xylene
Concen: 0.131 ug/L
RT: 9.484 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV032257.D
Acq: 05 Oct 2023 15:45

Instrument :
MSVOA_V
ClientSampleId :
EX860

Tgt Ion:106 Resp: 1366

Ion	Ratio	Lower	Upper
106	100		
91	185.8	154.8	287.4





#63
1,2,4-Trimethylbenzene
Concen: 0.098 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.006 min
Lab File: VV032257.D
Acq: 05 Oct 2023 15:45

Tgt Ion:105 Resp: 2041

Ion	Ratio	Lower	Upper
105	100		
120	52.3	36.2	54.4