Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100923\
Data File : VV032352.D
Acq On : 10 Oct 2023 01:04
Operator : SY/MD
Sample : 04774-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX835

Quant Time: Oct 10 06:01:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 10 05:42:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	84085	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	86198	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	36778	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37228	5.444	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.800%			
7) Chloroethane-d5	1.532	69	29888	5.384	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.600%			
11) 1,1-Dichloroethene-d2	2.060	65	13548	4.698	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.000%			
20) 2-Butanone-d5	3.799	46	84990	49.129	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.260%			
24) Chloroform-d	4.256	84	55771	4.623	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.400%			
26) 1,2-Dichloroethane-d4	4.950	65	29382	5.142	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.800%			
32) Benzene-d6	4.963	84	107128	4.224	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.400%			
36) 1,2-Dichloropropane-d6	5.992	67	34371	4.090	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.800%			
41) Toluene-d8	7.249	98	93136	4.016	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.400%			
43) trans-1,3-Dichloroprop...	7.561	79	12146	4.079	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.600%			
46) 2-Hexanone-d5	8.030	63	73707	52.607	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.220%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30453	5.181	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.600%			
66) 1,2-Dichlorobenzene-d4	11.564	152	31096	4.556	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.200%			
Target Compounds						Qvalue
13) Acetone	2.124	43	4168	3.126	ug/L	92
14) Carbon disulfide	2.243	76	3220	0.149	ug/L #	87
30) Cyclohexane	4.580	56	3372	0.262	ug/L	97
33) Benzene	5.024	78	9012	0.297	ug/L	100
35) Methylcyclohexane	6.053	83	4603	0.359	ug/L #	80
42) Toluene	7.326	91	20433	0.632	ug/L	100
52) Ethylbenzene	8.956	91	3881	0.108	ug/L	96
53) m,p-Xylene	9.082	106	3105	0.232	ug/L	96
54) o-Xylene	9.487	106	1385	0.108	ug/L	86
63) 1,2,4-Trimethylbenzene	10.857	105	2127	0.092	ug/L	96

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

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EX835

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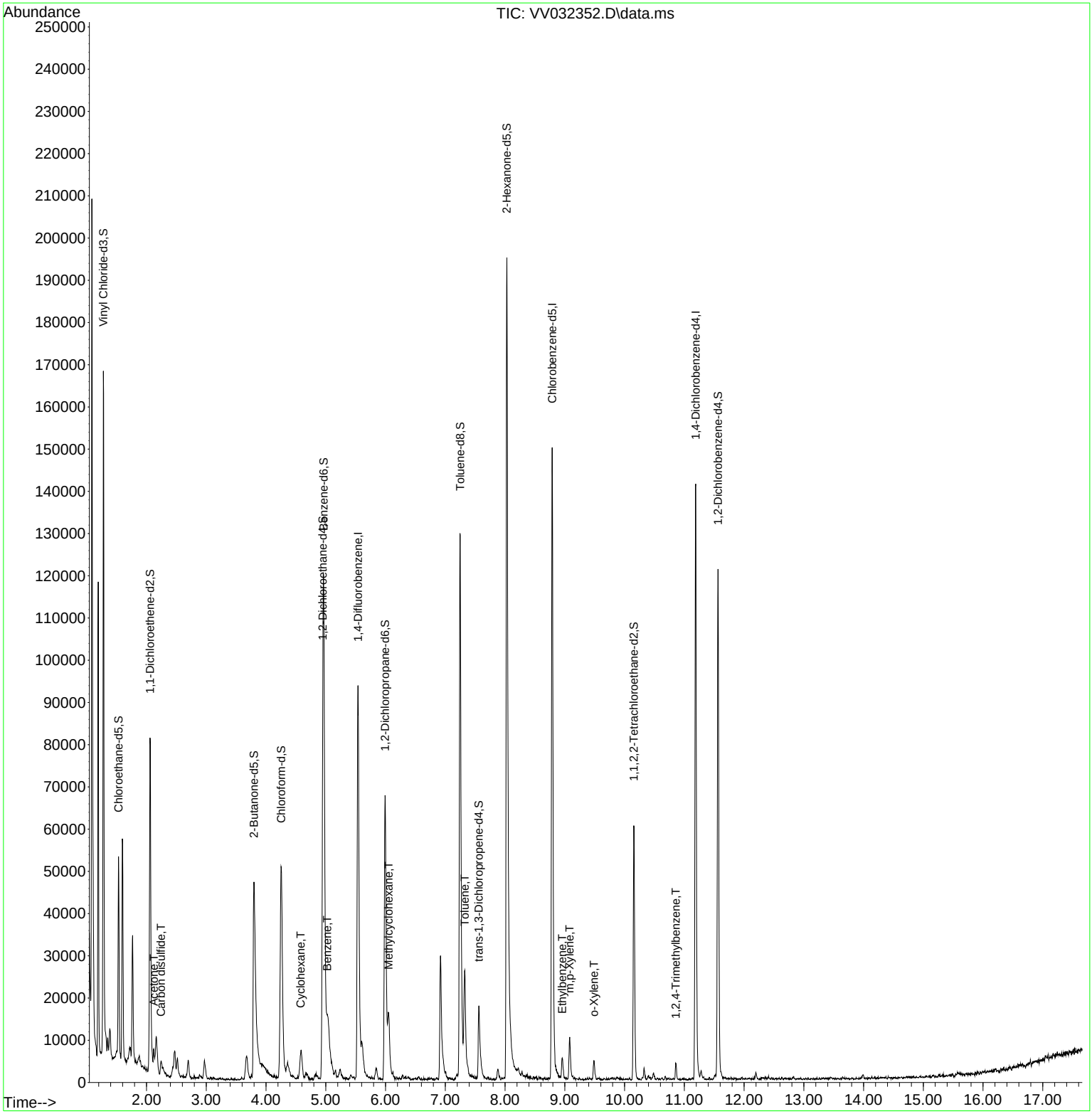
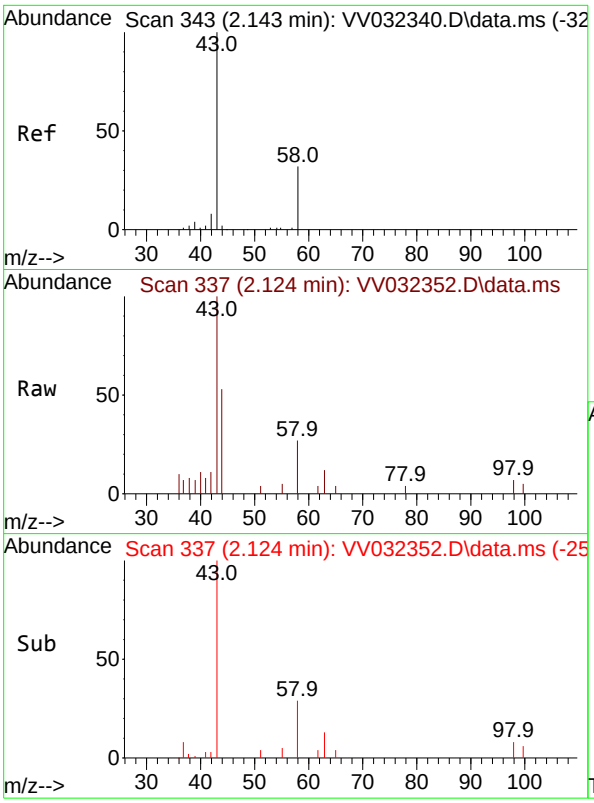
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 10 05:42:01 2023
Response via : Initial Calibration



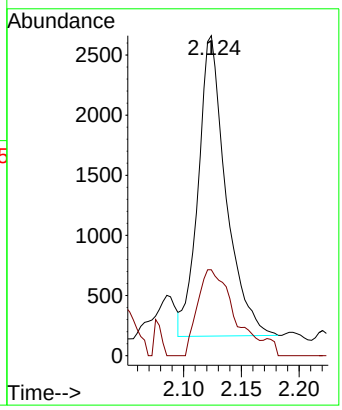


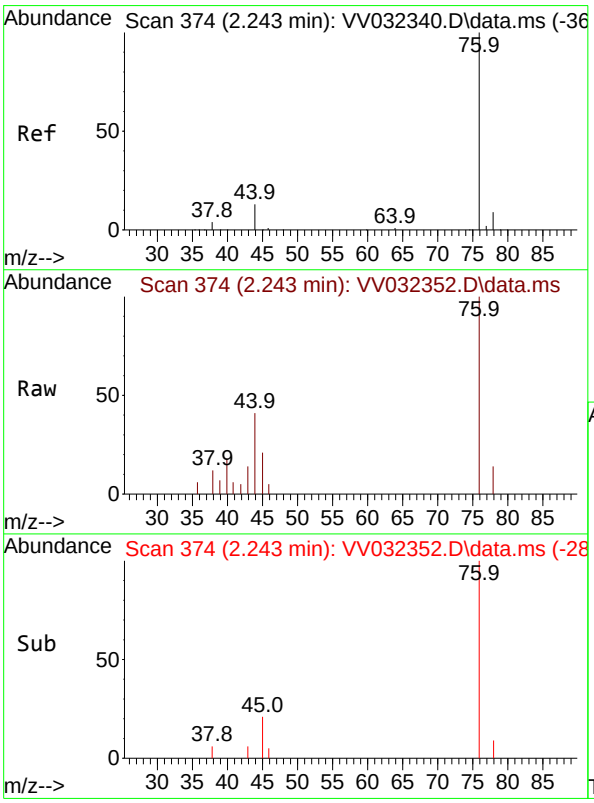
#13
Acetone
Concen: 3.126 ug/L
RT: 2.124 min Scan# 3
Delta R.T. -0.019 min
Lab File: VV032352.D
Acq: 10 Oct 2023 01:04

Instrument :
MSVOA_V
ClientSampleId :
EX835

Tgt Ion: 43 Resp: 4168

Ion	Ratio	Lower	Upper
43	100		
58	37.3	0.0	66.0

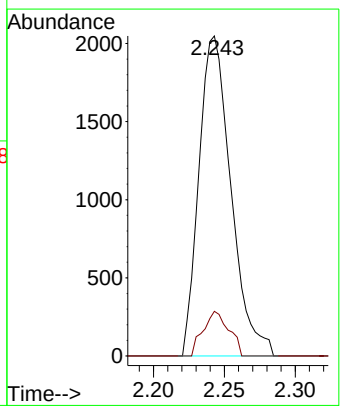


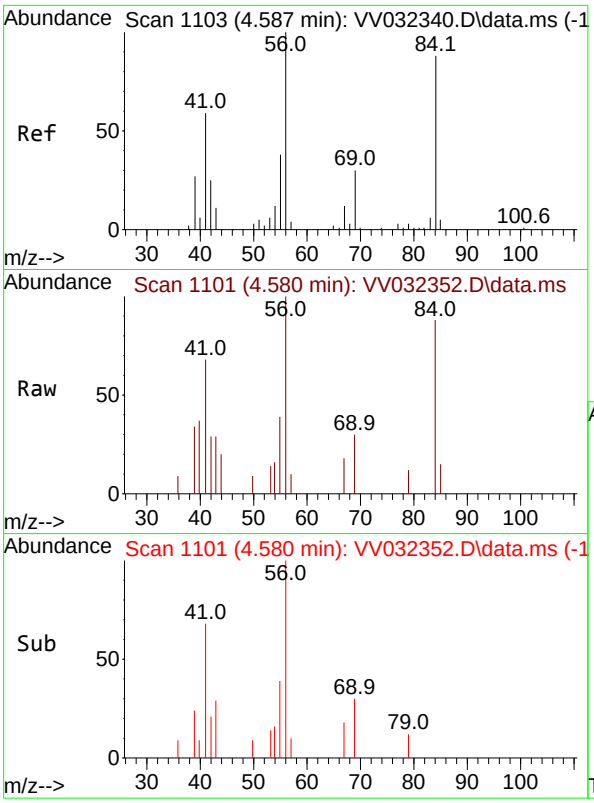


#14
Carbon disulfide
Concen: 0.149 ug/L
RT: 2.243 min Scan# 374
Delta R.T. 0.000 min
Lab File: VV032352.D
Acq: 10 Oct 2023 01:04

Tgt Ion: 76 Resp: 3220

Ion	Ratio	Lower	Upper
76	100		
78	14.0	7.4	11.2#



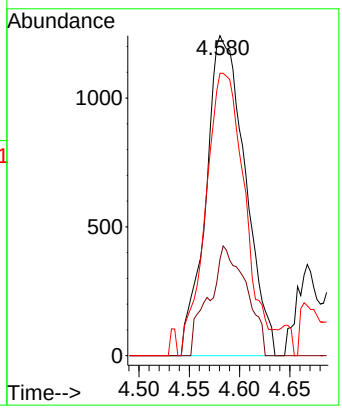


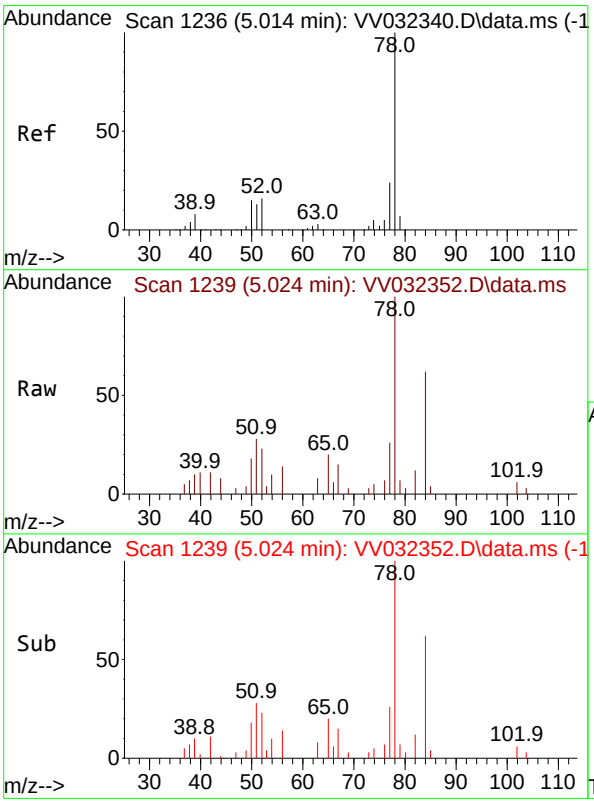
#30
Cyclohexane
Concen: 0.262 ug/L
RT: 4.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV032352.D
Acq: 10 Oct 2023 01:04

Instrument :
MSVOA_V
ClientSampleId :
EX835

Tgt Ion: 56 Resp: 3372

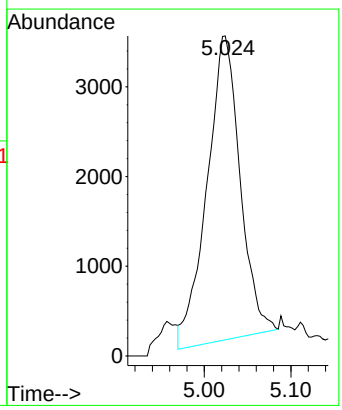
Ion	Ratio	Lower	Upper
56	100		
69	32.6	24.2	36.2
84	87.7	68.1	102.1

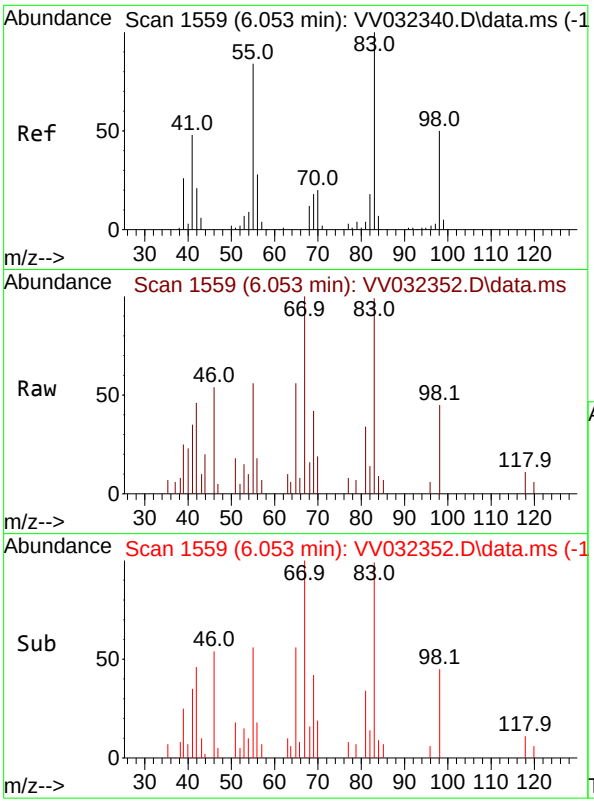




#33
Benzene
Concen: 0.297 ug/L
RT: 5.024 min Scan# 1239
Delta R.T. 0.010 min
Lab File: VV032352.D
Acq: 10 Oct 2023 01:04

Tgt Ion: 78 Resp: 9012



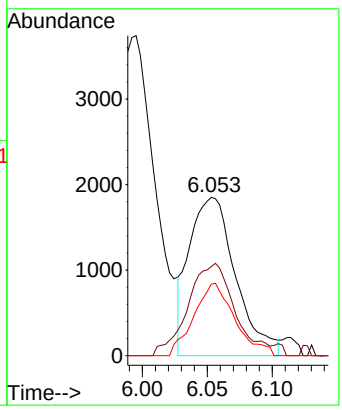


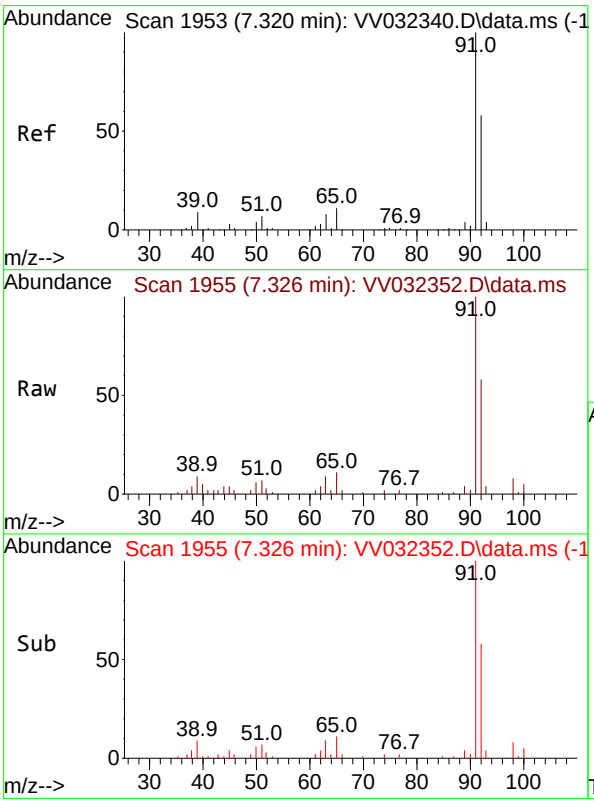
#35
Methylcyclohexane
Concen: 0.359 ug/L
RT: 6.053 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV032352.D
Acq: 10 Oct 2023 01:04

Instrument :
MSVOA_V
ClientSampleId :
EX835

Tgt Ion: 83 Resp: 4603

Ion	Ratio	Lower	Upper
83	100		
55	58.4	64.2	96.2#
98	40.1	39.6	59.4

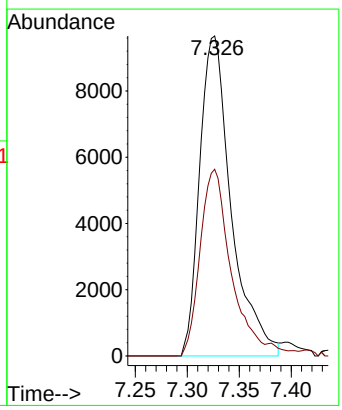


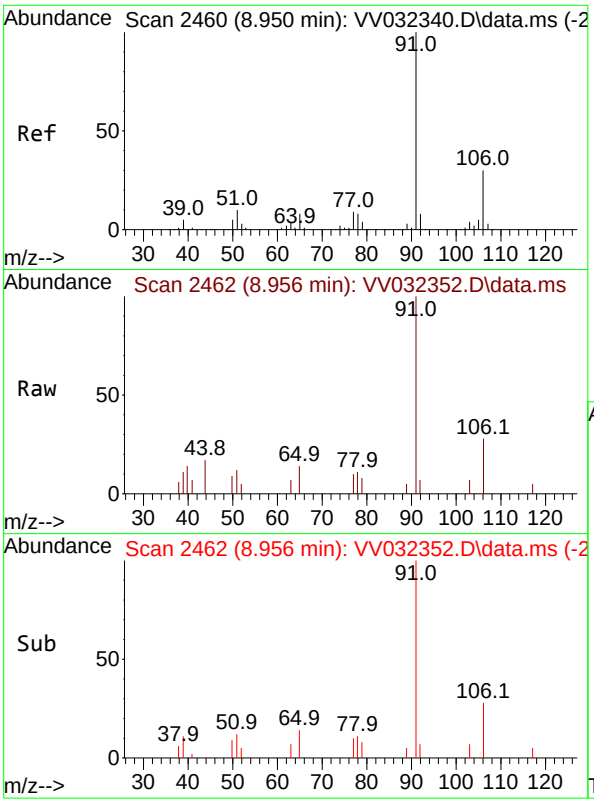


#42
Toluene
Concen: 0.632 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.007 min
Lab File: VV032352.D
Acq: 10 Oct 2023 01:04

Tgt Ion: 91 Resp: 20433

Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.8	75.8



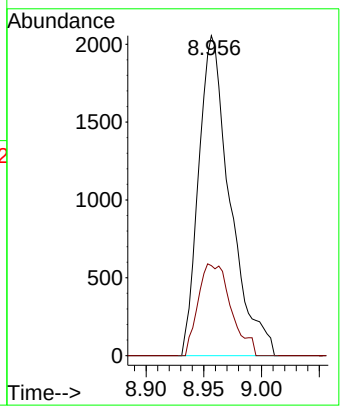


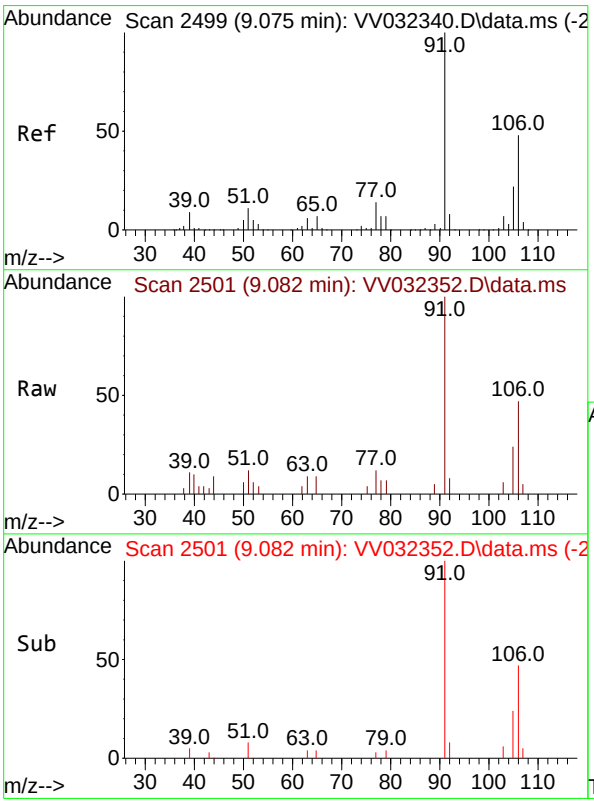
#52
Ethylbenzene
Concen: 0.108 ug/L
RT: 8.956 min Scan# 24
Delta R.T. 0.007 min
Lab File: VV032352.D
Acq: 10 Oct 2023 01:04

Instrument :
MSVOA_V
ClientSampleId :
EX835

Tgt Ion: 91 Resp: 3881

Ion	Ratio	Lower	Upper
91	100		
106	28.1	21.3	39.5

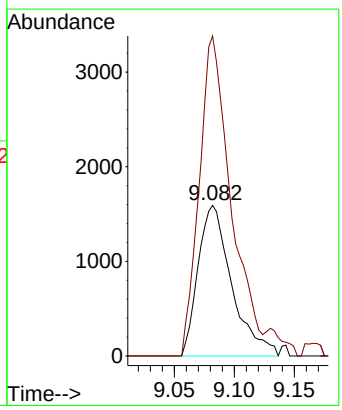


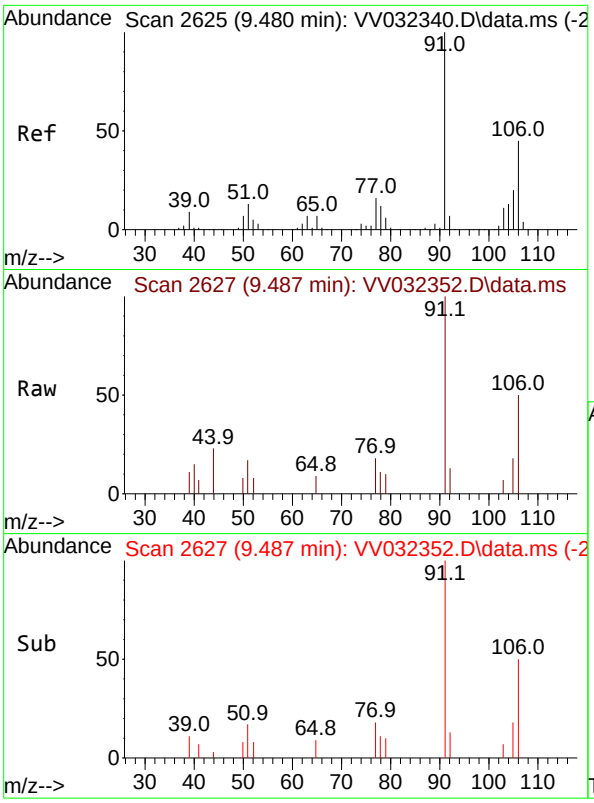


#53
m,p-Xylene
Concen: 0.232 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.007 min
Lab File: VV032352.D
Acq: 10 Oct 2023 01:04

Tgt Ion:106 Resp: 3105

Ion	Ratio	Lower	Upper
106	100		
91	212.4	144.5	268.3



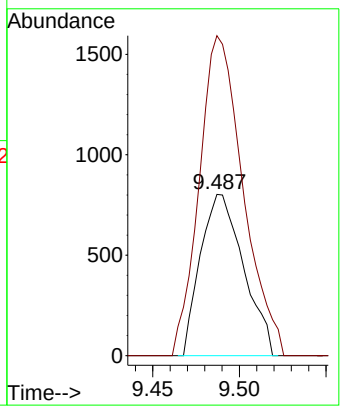


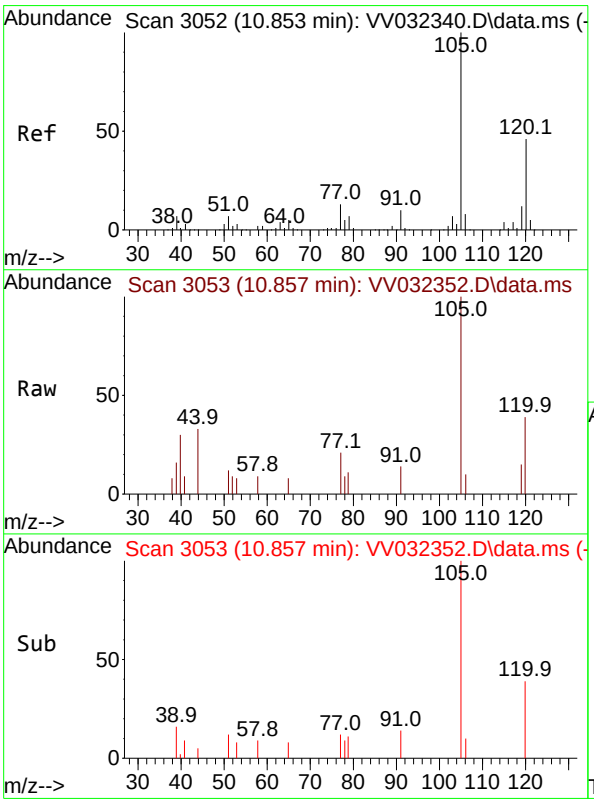
#54
o-Xylene
Concen: 0.108 ug/L
RT: 9.487 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV032352.D
Acq: 10 Oct 2023 01:04

Instrument :
MSVOA_V
ClientSampleId :
EX835

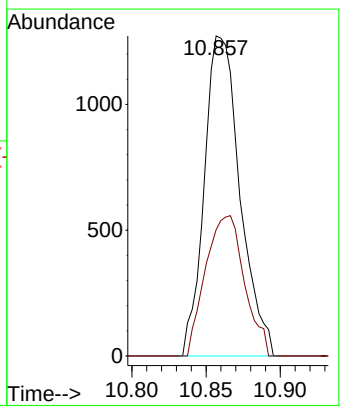
Tgt Ion:106 Resp: 1385

Ion	Ratio	Lower	Upper
106	100		
91	198.4	154.8	287.4





#63
1,2,4-Trimethylbenzene
Concen: 0.092 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.003 min
Lab File: VV032352.D
Acq: 10 Oct 2023 01:04

Tgt Ion:105 Resp: 2127

Ion	Ratio	Lower	Upper
105	100		
120	47.8	36.2	54.4