Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
Data File : VV031142.D
Acq On : 20 May 2023 06:23
Operator : SY/MD
Sample : 02865-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBX71

Quant Time: May 22 00:14:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 20 01:55:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	240287	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	231697	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	105037	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	87084	42.407	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.820%			
7) Chloroethane-d5	1.532	69	72142	45.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.200%			
11) 1,1-Dichloroethene-d2	2.063	65	43579	45.254	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.500%			
21) 2-Butanone-d5	3.793	46	130444	119.211	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 119.210%			
24) Chloroform-d	4.256	84	169584	46.680	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.360%			
26) 1,2-Dichloroethane-d4	4.950	65	122110	49.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.480%			
32) Benzene-d6	4.966	84	303589	48.334	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.660%			
36) 1,2-Dichloropropane-d6	5.995	67	92468	49.202	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.400%			
41) Toluene-d8	7.249	98	267517	45.634	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.260%			
43) trans-1,3-Dichloroprop...	7.558	79	43398	46.026	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.060%			
47) 2-Hexanone-d5	8.030	63	81669	111.454	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.450%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	125207	44.419	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.840%			
66) 1,2-Dichlorobenzene-d4	11.567	152	107140	56.763	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.520%			
Target Compounds						Qvalue
3) Chloromethane	1.217	50	9298	5.475	ug/L	96
6) Bromomethane	1.487	94	2194	2.581	ug/L	88
13) Acetone	2.118	43	28736	20.200	ug/L	95
33) Benzene	5.021	78	24882	4.483	ug/L	100
42) Toluene	7.323	91	89165	14.847	ug/L	100
48) 2-Hexanone	8.092	43	12753	6.513	ug/L #	89
52) Ethylbenzene	8.956	91	20195	2.937	ug/L	97
53) m,p-Xylene	9.082	106	4451	1.669	ug/L	95
54) o-Xylene	9.490	106	2500	0.950	ug/L	72

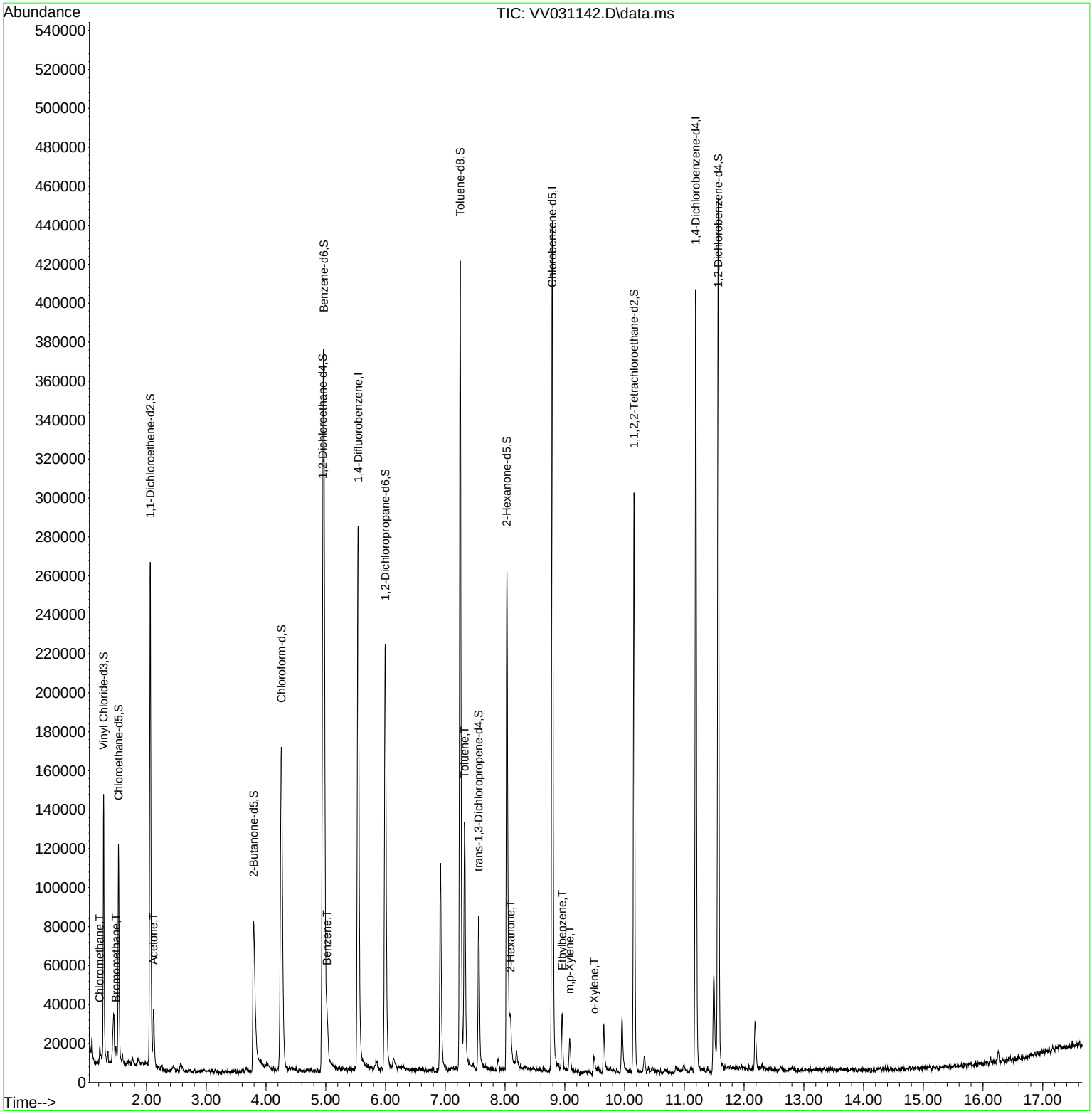
(#) = qualifier out of range (m) = manual integration (+) = signals summed

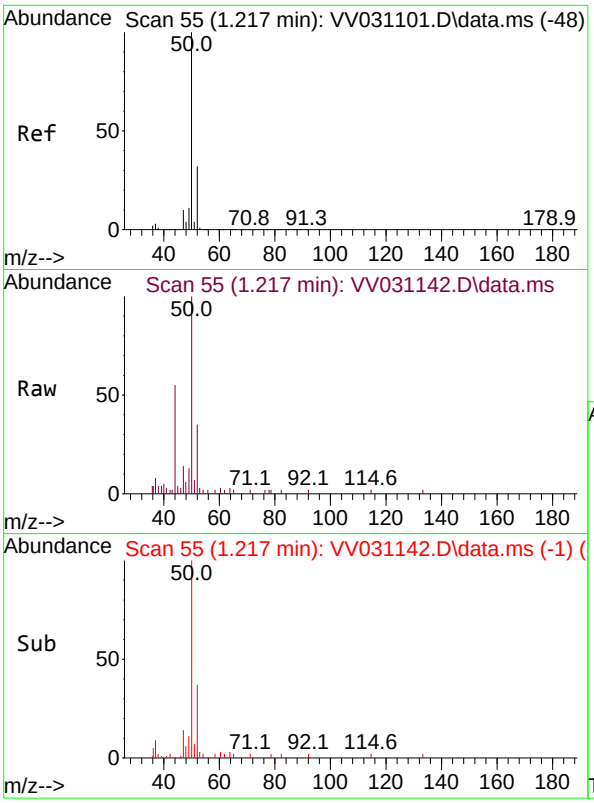
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
Data File : VV031142.D
Acq On : 20 May 2023 06:23
Operator : SY/MD
Sample : 02865-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBX71

Quant Time: May 22 00:14:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 20 01:55:03 2023
Response via : Initial Calibration



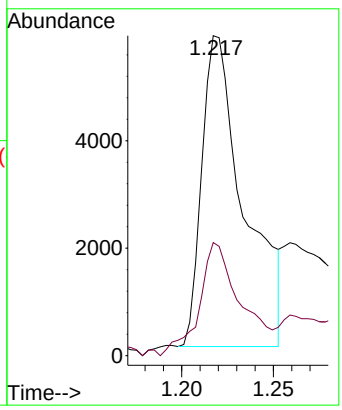


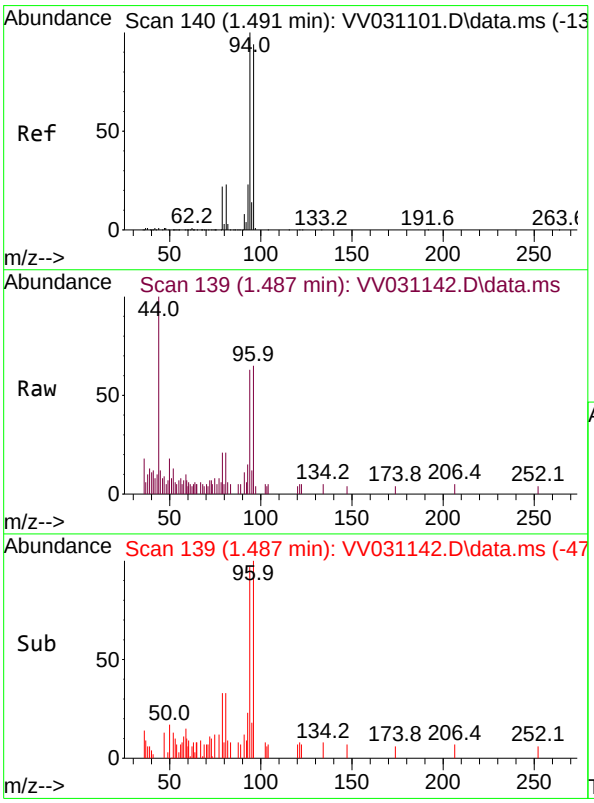
#3
Chloromethane
Concen: 5.475 ug/L
RT: 1.217 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV031142.D
Acq: 20 May 2023 06:23

Instrument :
MSVOA_V
ClientSampleId :
GBX71

Tgt Ion: 50 Resp: 9298

Ion	Ratio	Lower	Upper
50	100		
52	35.4	23.3	43.3

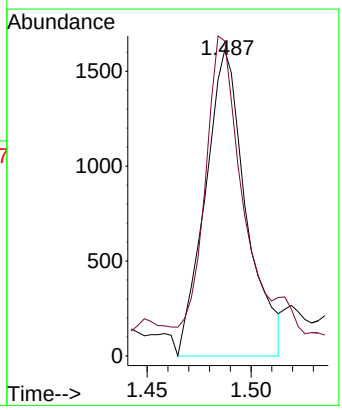


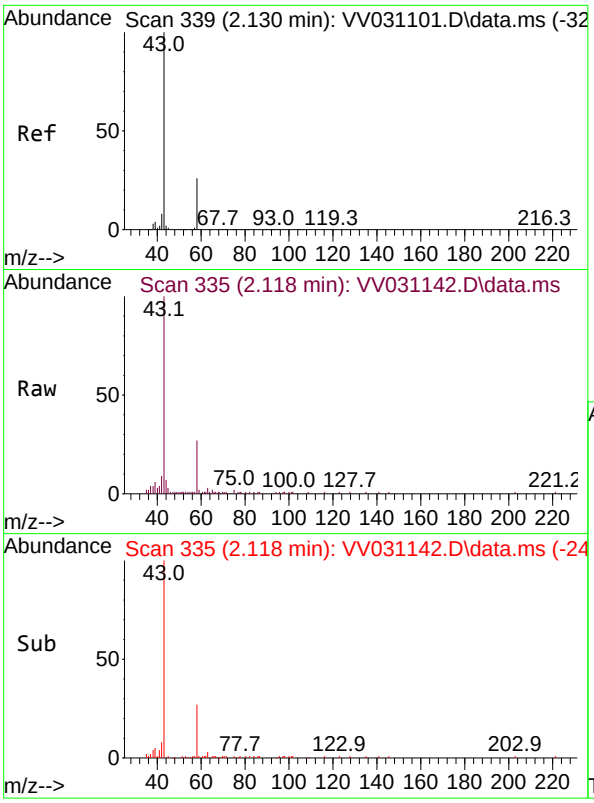


#6
Bromomethane
Concen: 2.581 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.003 min
Lab File: VV031142.D
Acq: 20 May 2023 06:23

Tgt Ion: 94 Resp: 2194

Ion	Ratio	Lower	Upper
94	100		
96	102.9	63.9	118.7



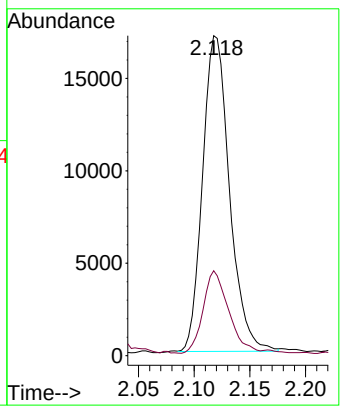


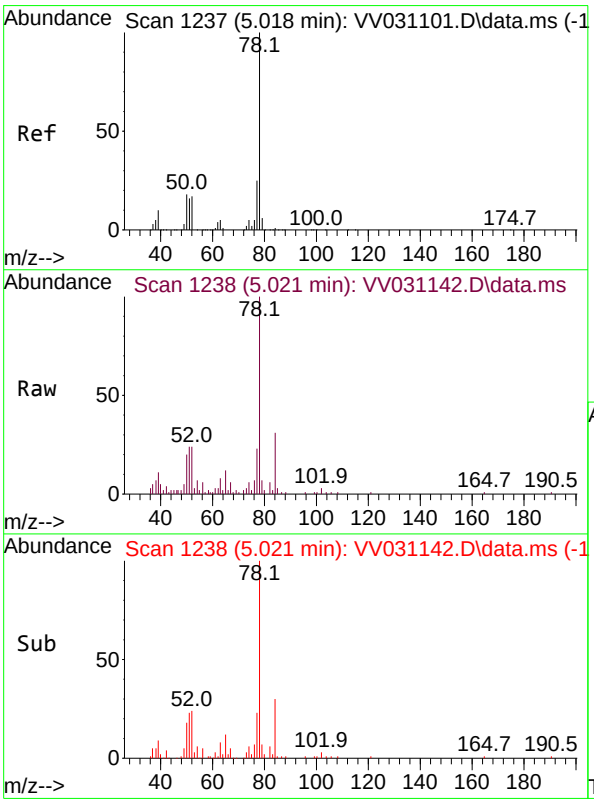
#13
Acetone
Concen: 20.200 ug/L
RT: 2.118 min Scan# 3
Delta R.T. -0.010 min
Lab File: VV031142.D
Acq: 20 May 2023 06:23

Instrument :
MSVOA_V
ClientSampleId :
GBX71

Tgt Ion: 43 Resp: 28736

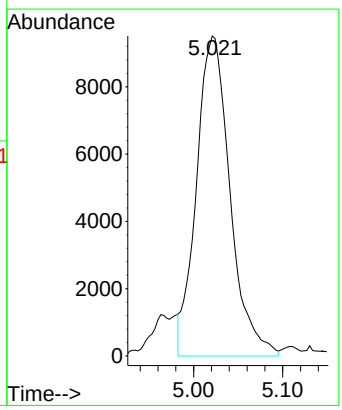
Ion	Ratio	Lower	Upper
43	100		
58	24.6	0.0	54.0

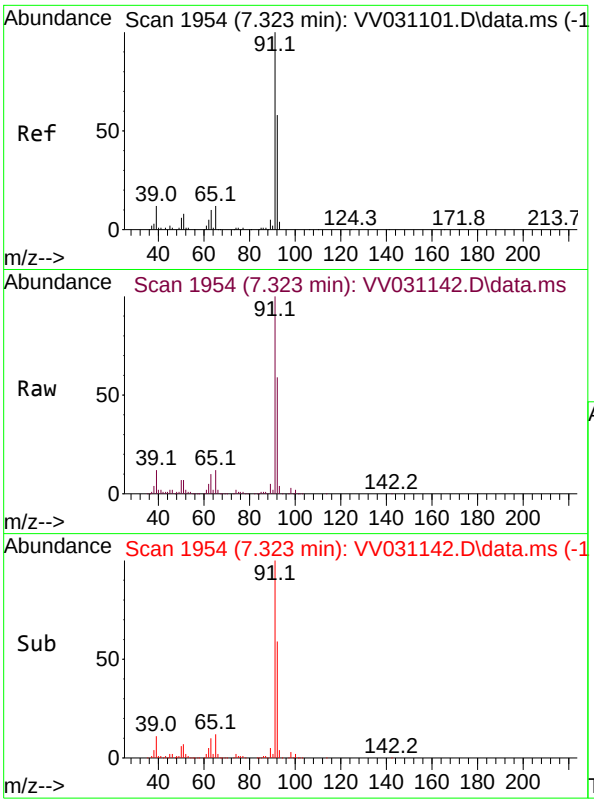




#33
Benzene
Concen: 4.483 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV031142.D
Acq: 20 May 2023 06:23

Tgt Ion: 78 Resp: 24882



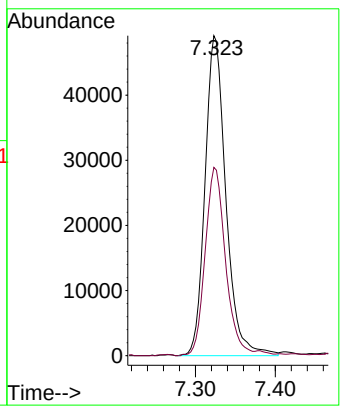


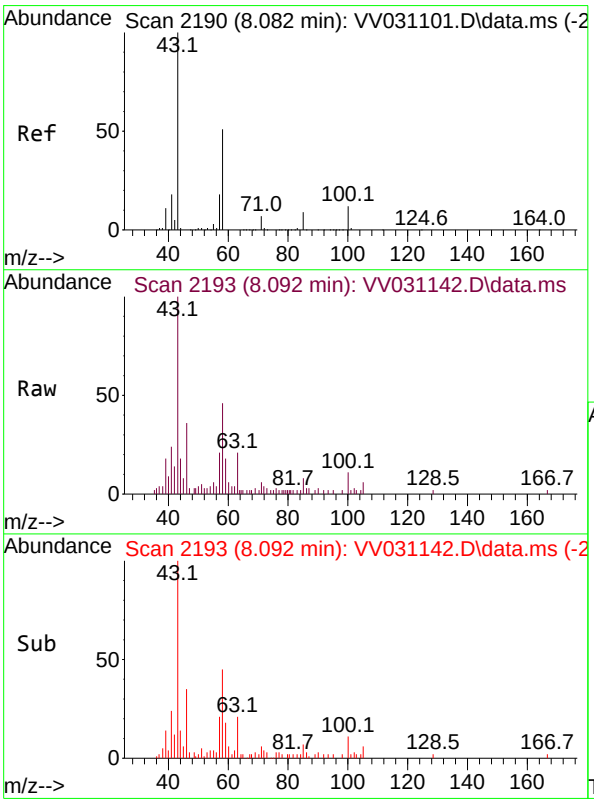
#42
Toluene
Concen: 14.847 ug/L
RT: 7.323 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV031142.D
Acq: 20 May 2023 06:23

Instrument :
MSVOA_V
ClientSampleId :
GBX71

Tgt Ion: 91 Resp: 89165

Ion	Ratio	Lower	Upper
91	100		
92	58.9	40.9	76.0

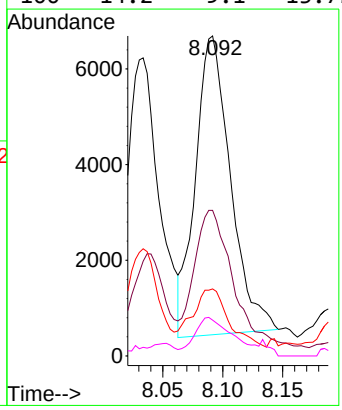


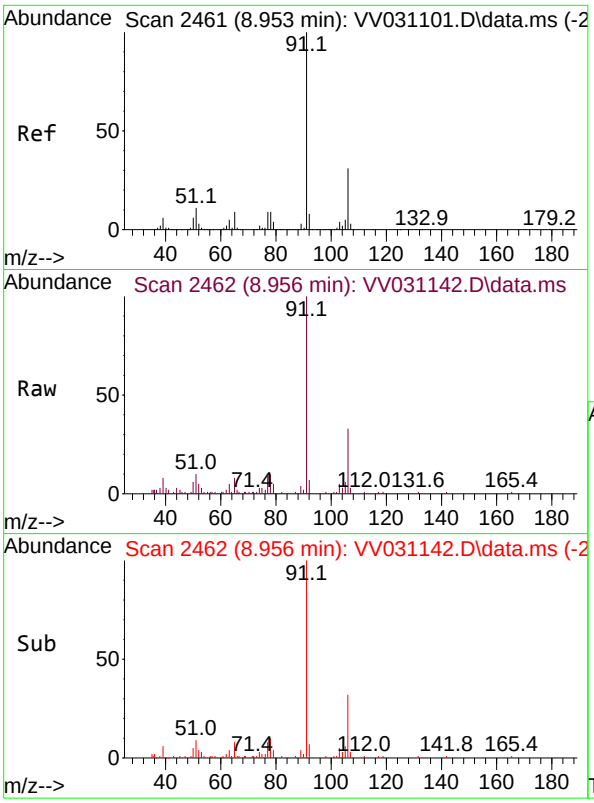


#48
2-Hexanone
Concen: 6.513 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. 0.010 min
Lab File: VV031142.D
Acq: 20 May 2023 06:23

Tgt Ion: 43 Resp: 12753

Ion	Ratio	Lower	Upper
43	100		
58	41.3	39.8	59.6
57	22.3	14.4	21.6#
100	14.2	9.1	13.7#



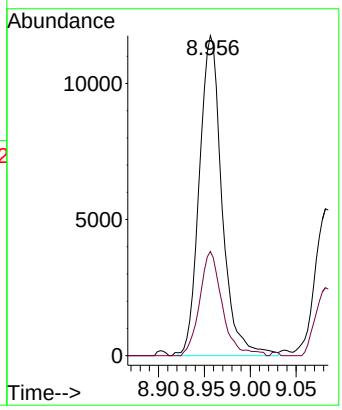


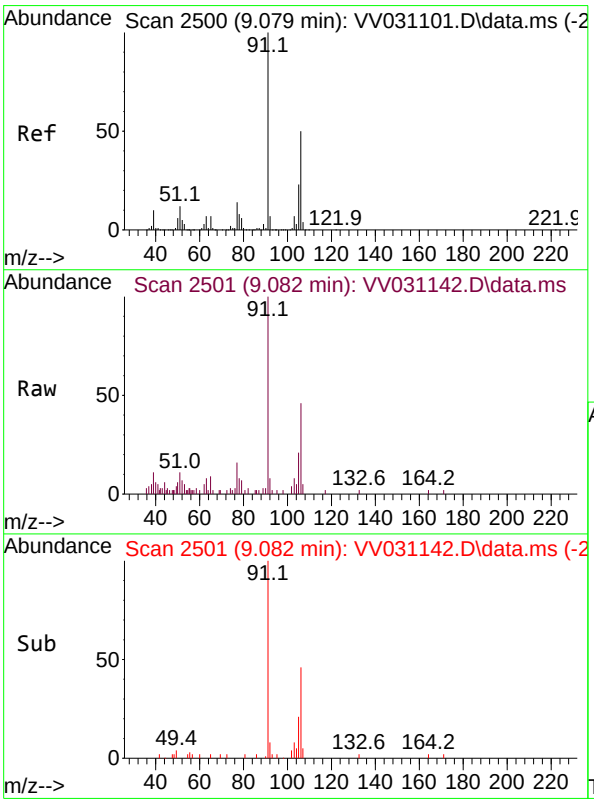
#52
Ethylbenzene
Concen: 2.937 ug/L
RT: 8.956 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV031142.D
Acq: 20 May 2023 06:23

Instrument :
MSVOA_V
ClientSampleId :
GBX71

Tgt Ion: 91 Resp: 20195

Ion	Ratio	Lower	Upper
91	100		
106	32.6	21.5	39.9

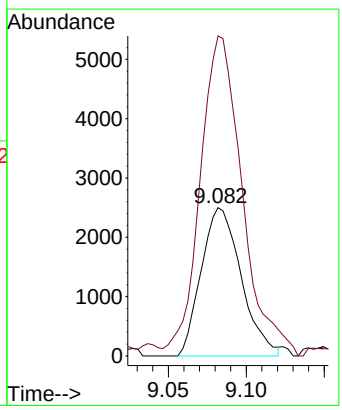


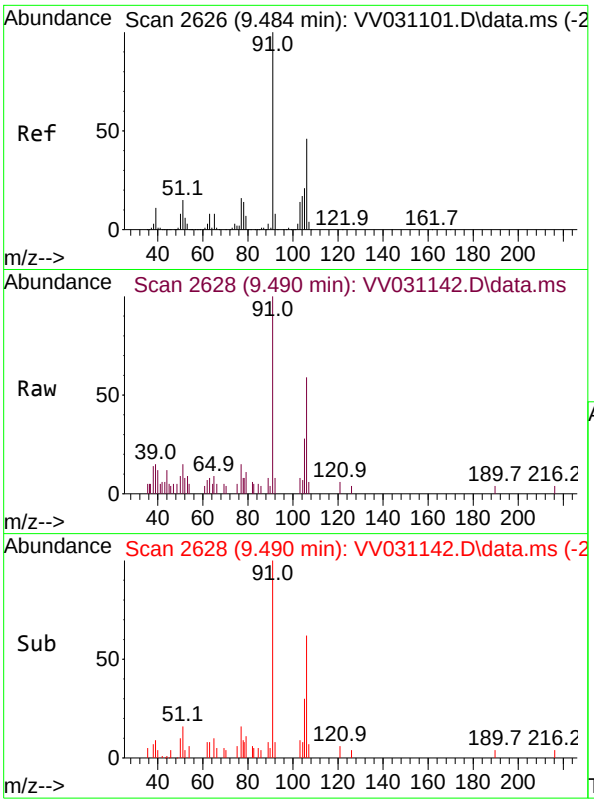


#53
m,p-Xylene
Concen: 1.669 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV031142.D
Acq: 20 May 2023 06:23

Tgt Ion:106 Resp: 4451

Ion	Ratio	Lower	Upper
106	100		
91	215.8	145.3	269.8





#54
o-Xylene
Concen: 0.950 ug/L
RT: 9.490 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV031142.D
Acq: 20 May 2023 06:23

Instrument :
MSVOA_V
ClientSampleId :
GBX71

Tgt Ion:106 Resp: 2500

Ion	Ratio	Lower	Upper
106	100		
91	170.8	150.4	279.2