Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121721\
Data File : VV024063.D
Acq On : 17 Dec 2021 14:41
Operator : SY/MD
Sample : M5090-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3E3

Quant Time: Dec 18 01:46:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 18 01:42:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	88106	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	94700	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	21523	4.544	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.800%			
7) Chloroethane-d5	1.568	69	19276	4.878	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.600%			
11) 1,1-Dichloroethene-d2	2.108	63	33633	3.638	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.800%			
20) 2-Butanone-d5	3.902	46	46142	49.863	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.720%			
24) Chloroform-d	4.349	84	50952	4.749	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.000%			
26) 1,2-Dichloroethane-d4	5.034	65	25381	5.081	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.600%			
32) Benzene-d6	5.050	84	95901	5.113	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.200%			
36) 1,2-Dichloropropane-d6	6.069	67	28195	4.982	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.600%			
41) Toluene-d8	7.317	98	82968	4.913	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.200%			
43) trans-1,3-Dichloroprop...	7.625	79	10641	4.533	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.600%			
46) 2-Hexanone-d5	8.088	63	34207	32.549	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 65.100%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18190	3.875	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 77.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	33435	5.301	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.000%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	719	0.110	ug/L	88
13) Acetone	2.182	43	8586	11.598	ug/L	74
33) Benzene	5.104	78	12846	0.479	ug/L	100
42) Toluene	7.391	91	15159	0.503	ug/L	97
48) 2-Hexanone	8.149	43	4581	2.066	ug/L #	84
53) m,p-xylene	9.143	106	1291	0.103	ug/L	94
54) o-xylene	9.545	106	1525	0.125	ug/L	60
63) 1,2,4-Trimethylbenzene	10.915	105	3747	0.164	ug/L	88

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

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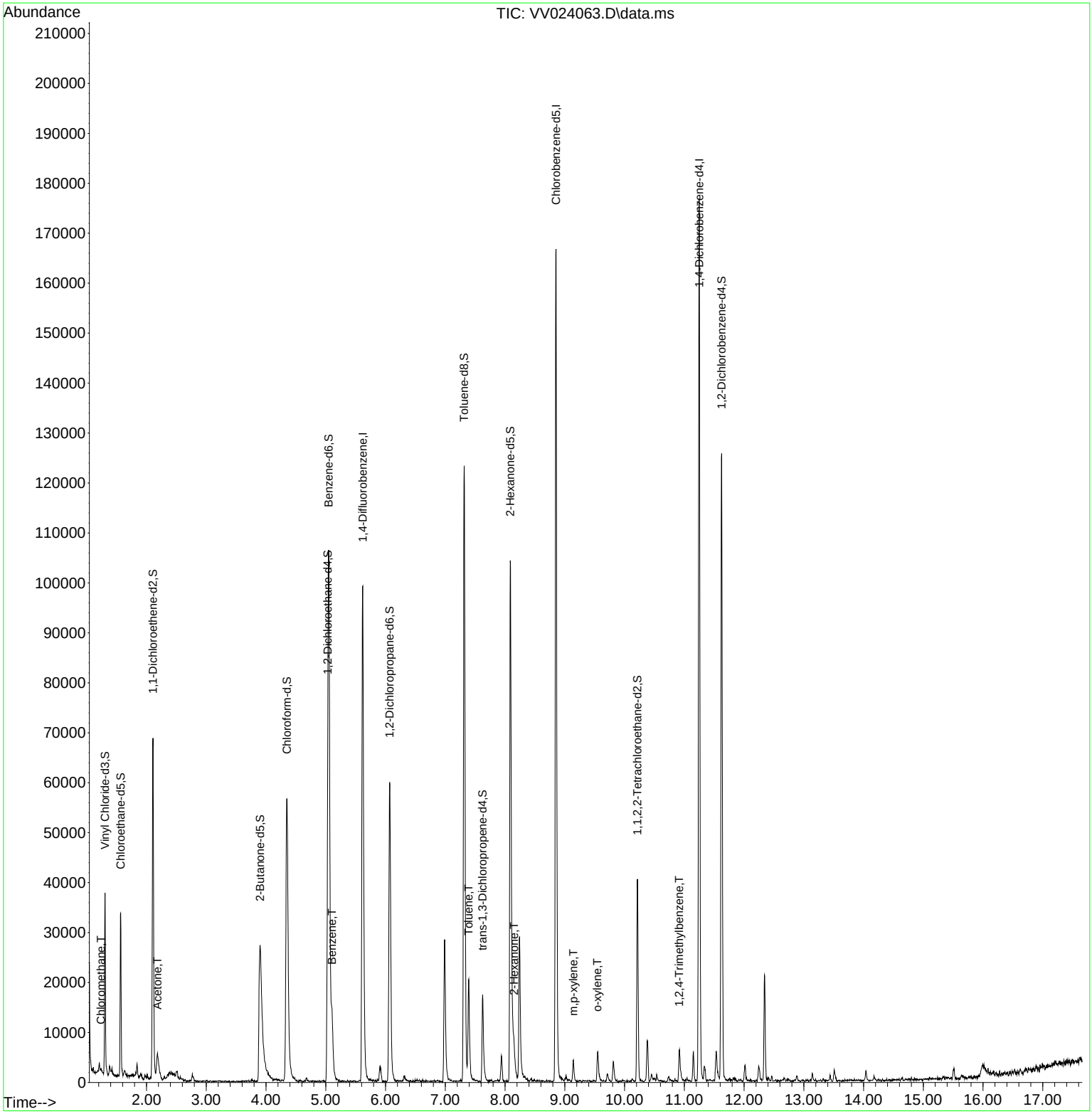
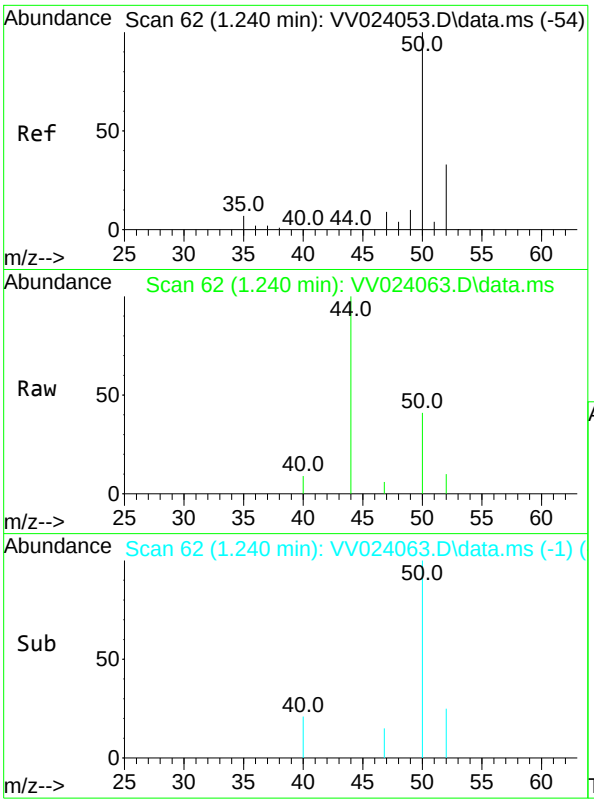


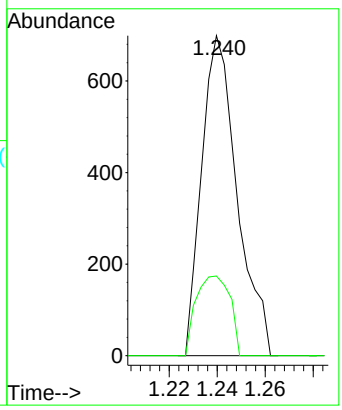


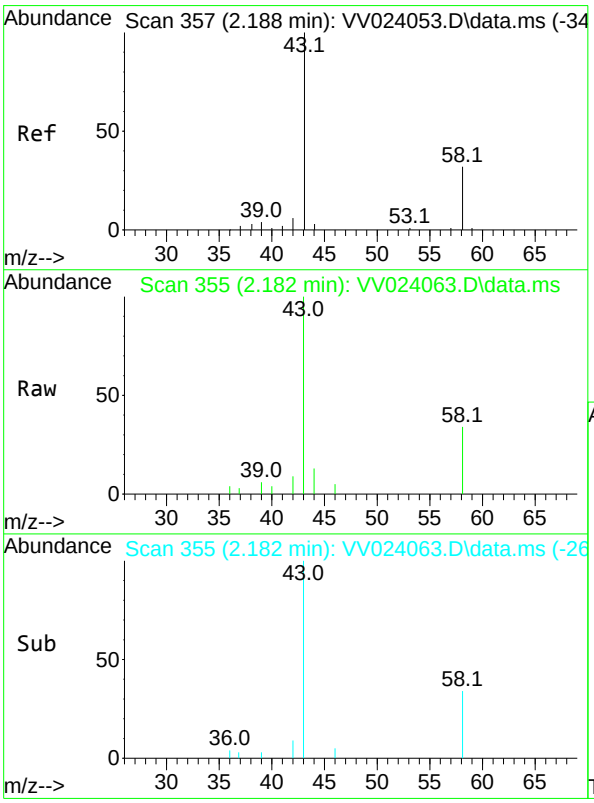
#3
Chloromethane
Concen: 0.110 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV024063.D
Acq: 17 Dec 2021 14:41

Instrument :
MSVOA_V
ClientSampleId :
BG3E3

Tgt Ion: 50 Resp: 719

Ion	Ratio	Lower	Upper
50	100		
52	24.9	22.0	41.0

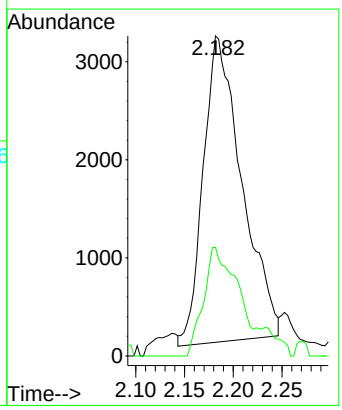


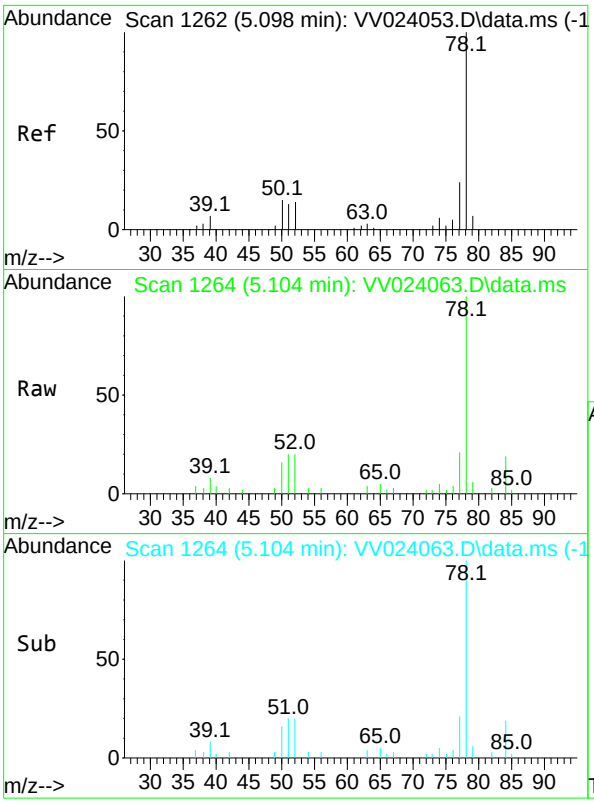


#13
Acetone
Concen: 11.598 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.006 min
Lab File: VV024063.D
Acq: 17 Dec 2021 14:41

Tgt Ion: 43 Resp: 8586

Ion	Ratio	Lower	Upper
43	100		
58	32.8	0.0	41.4

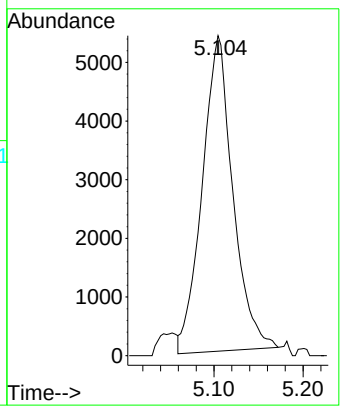


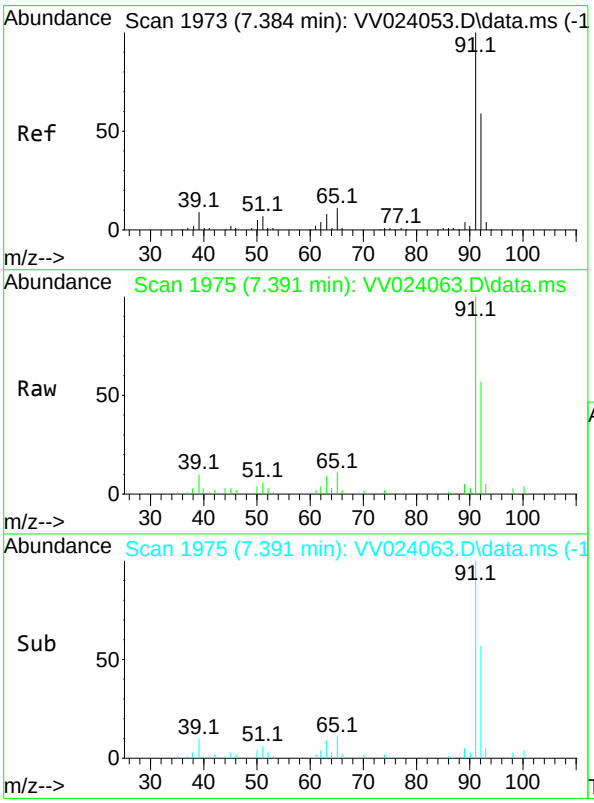


#33
Benzene
Concen: 0.479 ug/L
RT: 5.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV024063.D
Acq: 17 Dec 2021 14:41

Instrument :
MSVOA_V
ClientSampleId :
BG3E3

Tgt Ion: 78 Resp: 12846

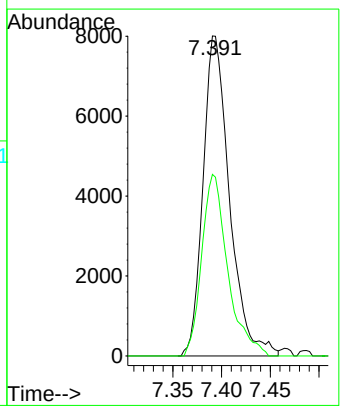


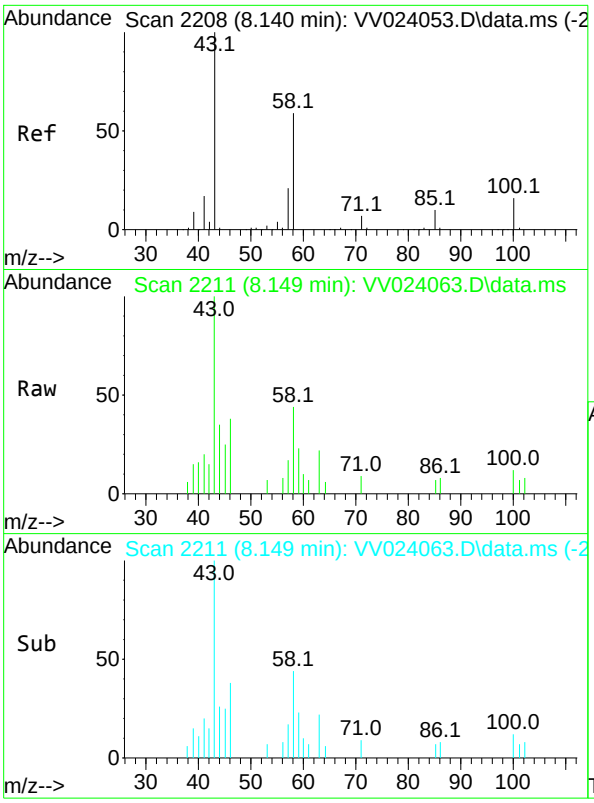


#42
Toluene
Concen: 0.503 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.006 min
Lab File: VV024063.D
Acq: 17 Dec 2021 14:41

Tgt Ion: 91 Resp: 15159

Ion	Ratio	Lower	Upper
91	100		
92	56.8	41.5	77.1



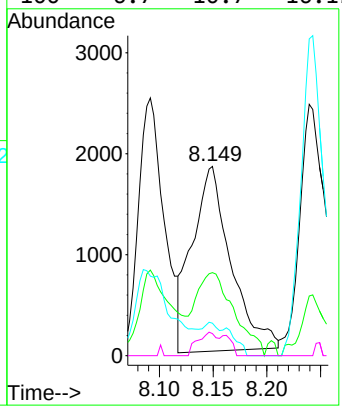


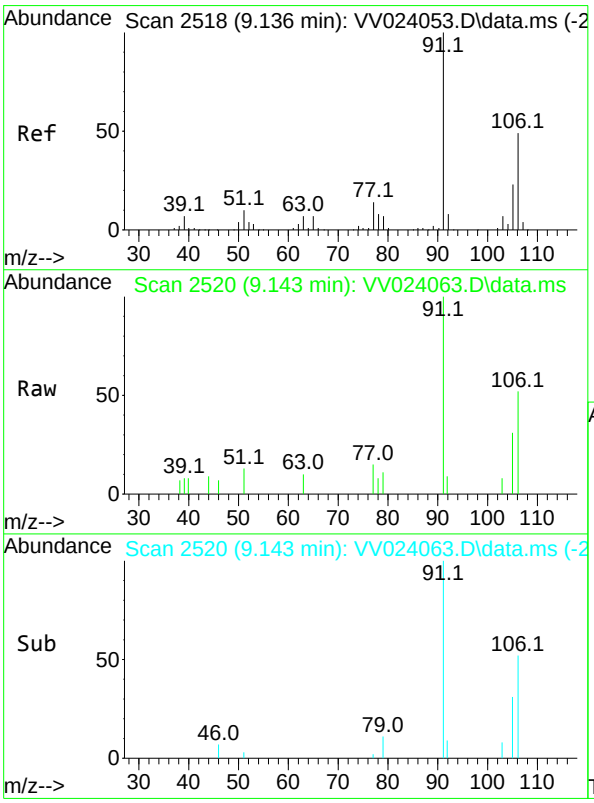
#48
2-Hexanone
Concen: 2.066 ug/L
RT: 8.149 min Scan# 2
Delta R.T. 0.010 min
Lab File: VV024063.D
Acq: 17 Dec 2021 14:41

Instrument :
MSVOA_V
ClientSampleId :
BG3E3

Tgt Ion: 43 Resp: 4581

Ion	Ratio	Lower	Upper
43	100		
58	43.9	44.5	66.7#
57	12.9	15.1	22.7#
100	6.7	10.7	16.1#

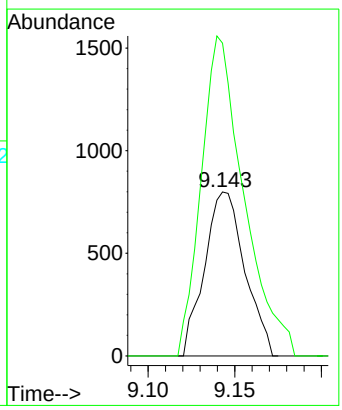


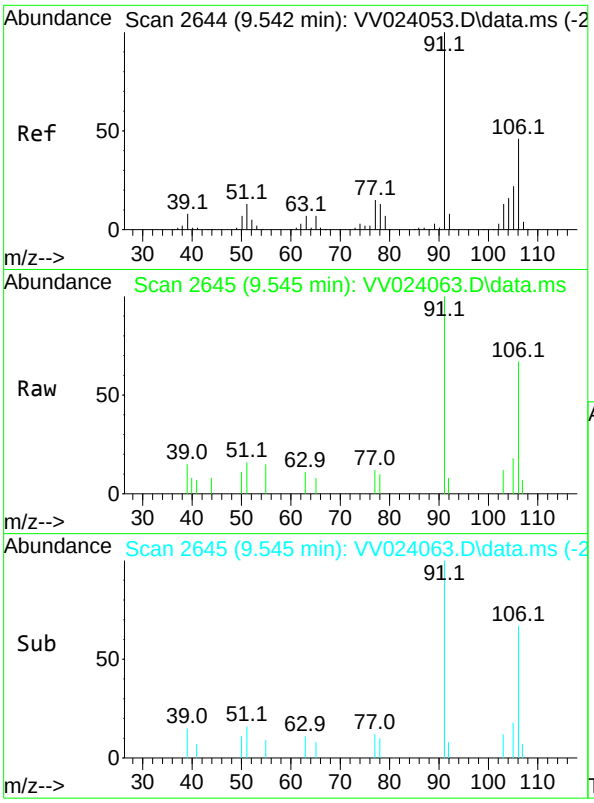


#53
m,p-xylene
Concen: 0.103 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV024063.D
Acq: 17 Dec 2021 14:41

Tgt Ion:106 Resp: 1291

Ion	Ratio	Lower	Upper
106	100		
91	190.7	139.5	259.1



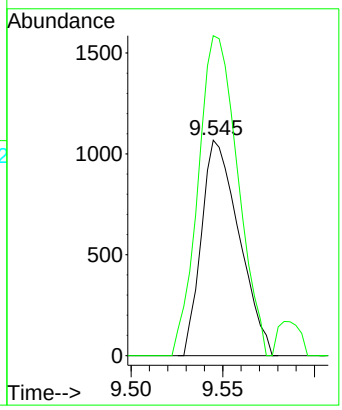


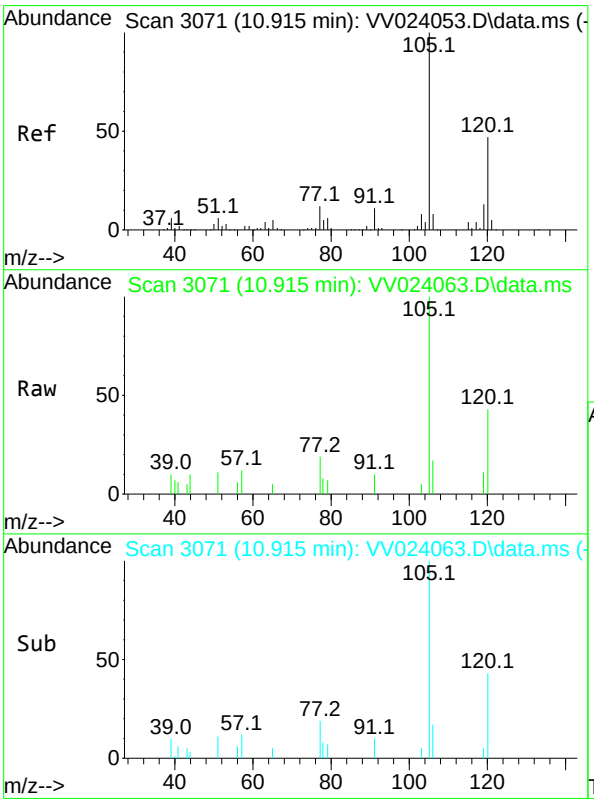
#54
o-xylene
Concen: 0.125 ug/L
RT: 9.545 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV024063.D
Acq: 17 Dec 2021 14:41

Instrument :
MSVOA_V
ClientSampleId :
BG3E3

Tgt Ion:106 Resp: 1525

Ion	Ratio	Lower	Upper
106	100		
91	148.5	147.9	274.7





#63
1,2,4-Trimethylbenzene
Concen: 0.164 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV024063.D
Acq: 17 Dec 2021 14:41

Tgt Ion:105 Resp: 3747

Ion	Ratio	Lower	Upper
105	100		
120	37.8	36.7	55.1