Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021722\
Data File : VV024742.D
Acq On : 17 Feb 2022 23:07
Operator : SY/MD
Sample : N1522-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4M92

Quant Time: Feb 18 07:38:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 18 07:32:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	167090	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	156530	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69648	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	65500	4.622	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.400%			
7) Chloroethane-d5	1.568	69	55141	4.743	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.800%			
11) 1,1-Dichloroethene-d2	2.111	63	89312	3.439	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.800%			
20) 2-Butanone-d5	3.889	46	114687	56.654	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.300%			
24) Chloroform-d	4.352	84	103425	4.677	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.600%			
26) 1,2-Dichloroethane-d4	5.034	65	50637	5.137	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.800%			
32) Benzene-d6	5.053	84	215393	4.770	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.400%			
36) 1,2-Dichloropropane-d6	6.069	67	66343	4.992	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.800%			
41) Toluene-d8	7.317	98	189609	4.621	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.400%			
43) trans-1,3-Dichloroprop...	7.622	79	21006	4.745	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.800%			
46) 2-Hexanone-d5	8.088	63	92363	53.022	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.040%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37556	4.689	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.800%			
66) 1,2-Dichlorobenzene-d4	11.622	152	59638	4.949	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.000%			
Target Compounds						Qvalue
13) Acetone	2.182	43	5744	4.024	ug/L	98
22) cis-1,2-Dichloroethene	3.924	96	1268	0.094	ug/L	74
25) Chloroform	4.381	83	4791	0.197	ug/L	97
42) Toluene	7.387	91	1825767	32.358	ug/L	98
52) Ethylbenzene	9.017	91	5104	0.083	ug/L	98
53) m,p-xylene	9.143	106	6622	0.284	ug/L	88
54) o-xylene	9.548	106	2661	0.117	ug/L	99

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

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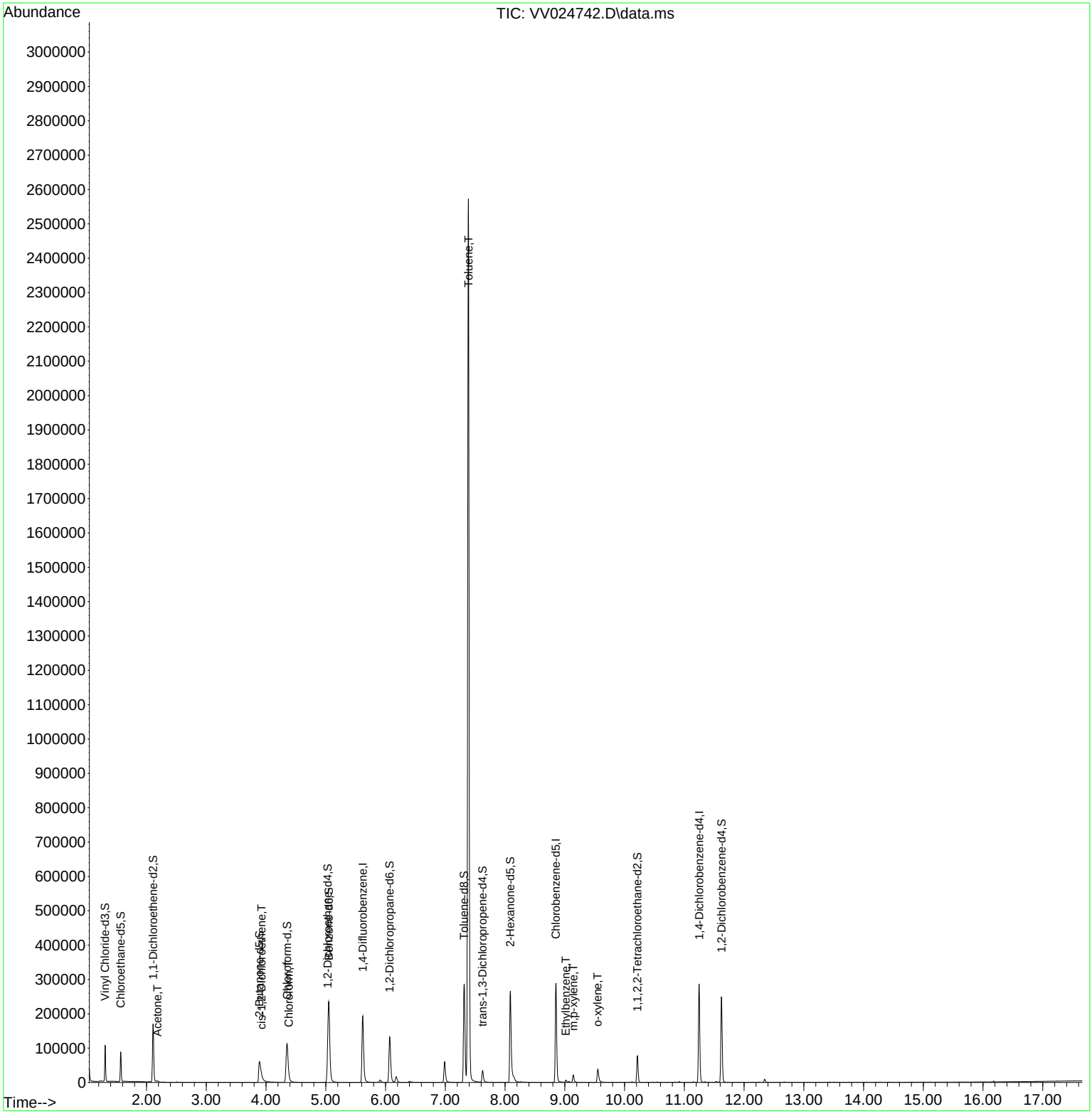
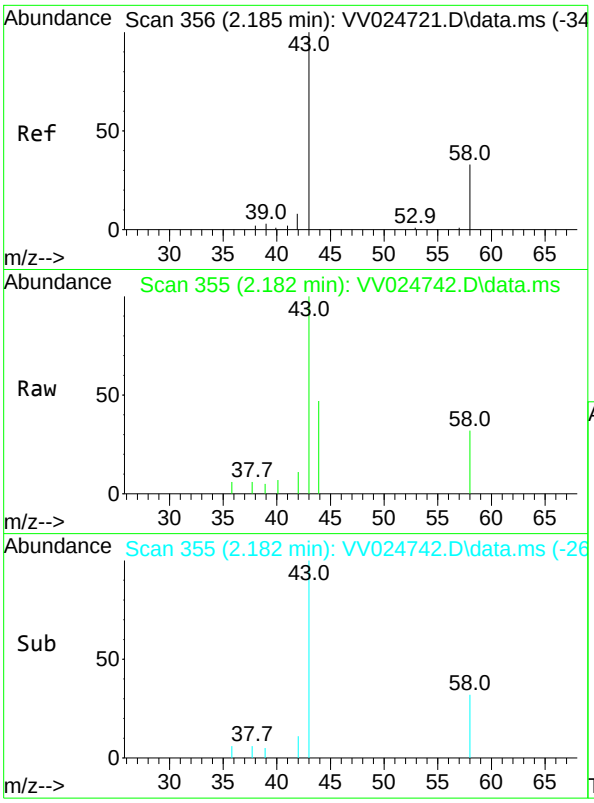


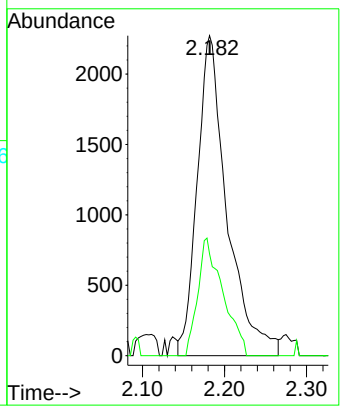


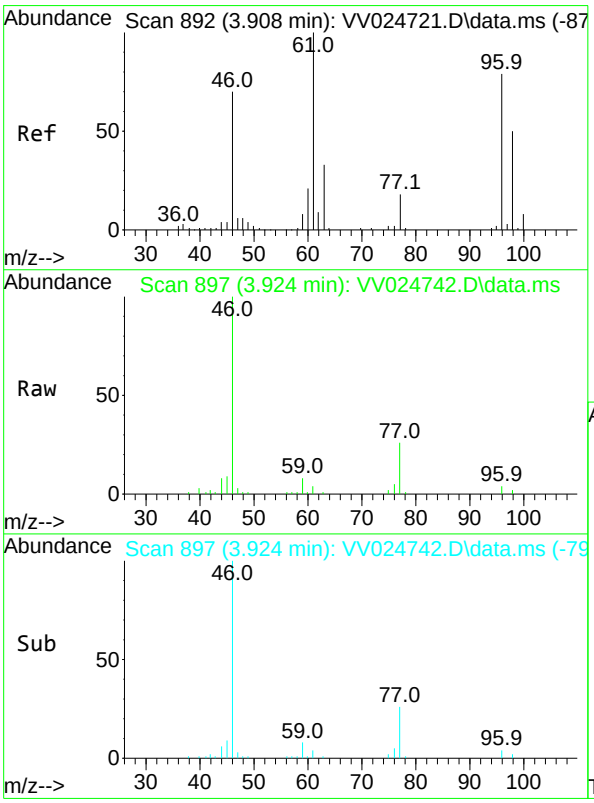
#13
Acetone
Concen: 4.024 ug/L
RT: 2.182 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV024742.D
Acq: 17 Feb 2022 23:07

Instrument :
MSVOA_V
ClientSampleId :
F4M92

Tgt Ion: 43 Resp: 5744

Ion	Ratio	Lower	Upper
43	100		
58	30.9	0.0	63.6

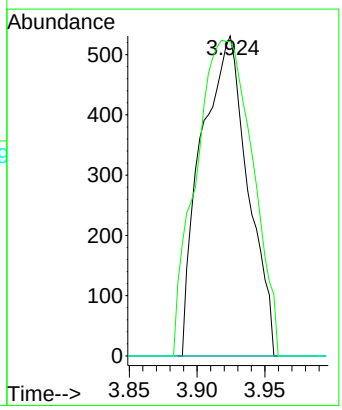


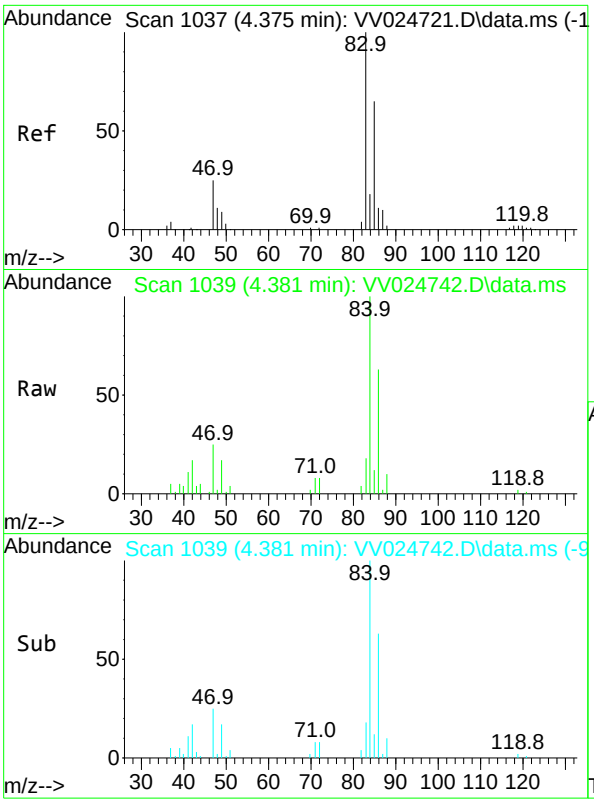


#22
cis-1,2-Dichloroethene
Concen: 0.094 ug/L
RT: 3.924 min Scan# 897
Delta R.T. 0.016 min
Lab File: VV024742.D
Acq: 17 Feb 2022 23:07

Tgt Ion: 96 Resp: 1268

Ion	Ratio	Lower	Upper
96	100		
61	98.3	89.7	166.5
68	0.0	0.0	0.0



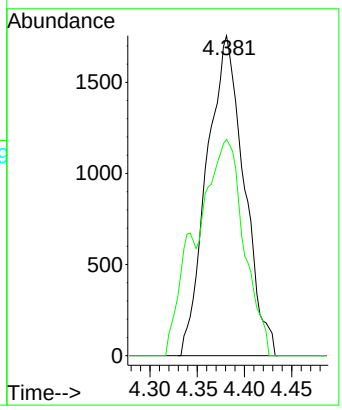


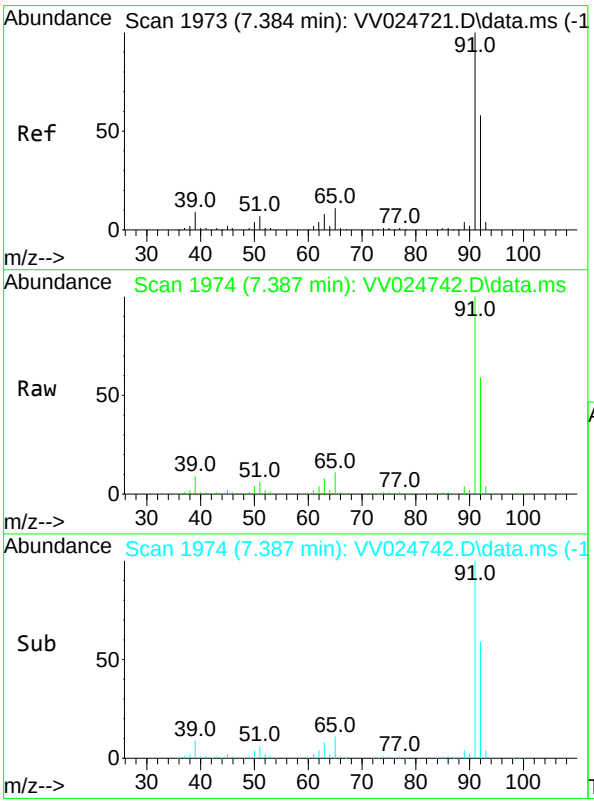
#25
Chloroform
Concen: 0.197 ug/L
RT: 4.381 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV024742.D
Acq: 17 Feb 2022 23:07

Instrument :
MSVOA_V
ClientSampleId :
F4M92

Tgt Ion: 83 Resp: 4791

Ion	Ratio	Lower	Upper
83	100		
85	67.6	45.5	84.5

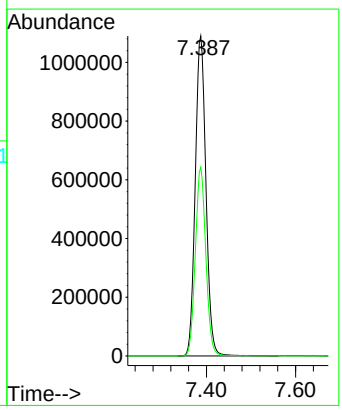


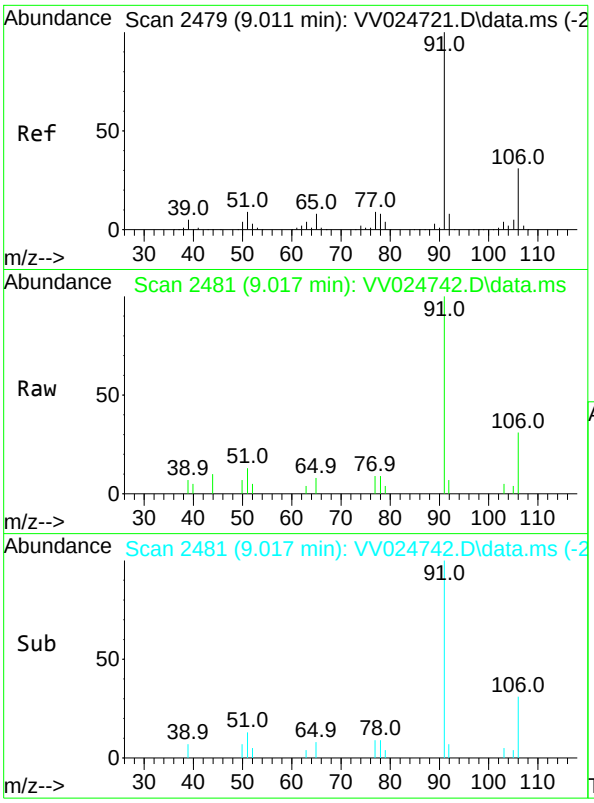


#42
Toluene
Concen: 32.358 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV024742.D
Acq: 17 Feb 2022 23:07

Tgt Ion: 91 Resp: 1825767

Ion	Ratio	Lower	Upper
91	100		
92	59.0	40.3	74.9



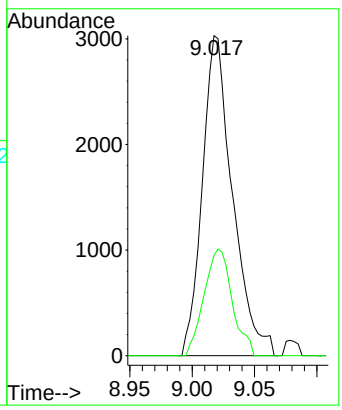


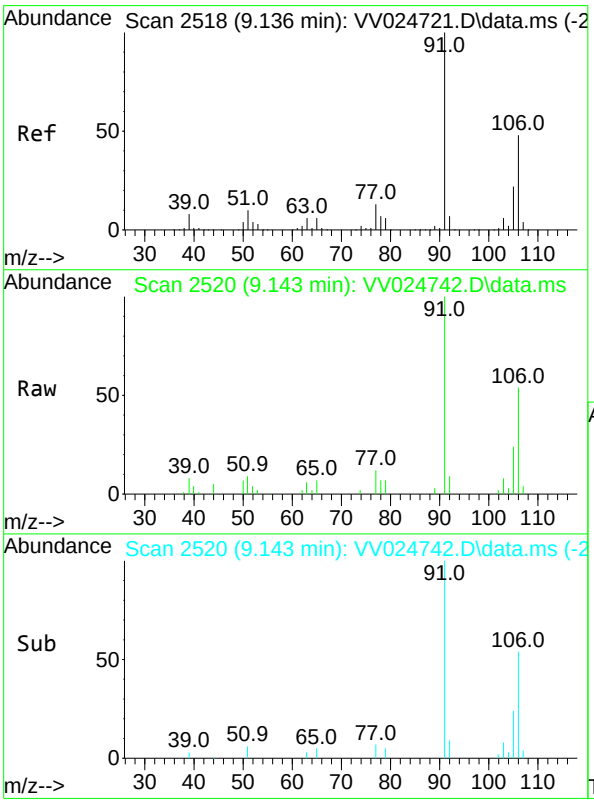
#52
Ethylbenzene
Concen: 0.083 ug/L
RT: 9.017 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV024742.D
Acq: 17 Feb 2022 23:07

Instrument :
MSVOA_V
ClientSampleId :
F4M92

Tgt Ion: 91 Resp: 5104

Ion	Ratio	Lower	Upper
91	100		
106	31.4	21.3	39.5

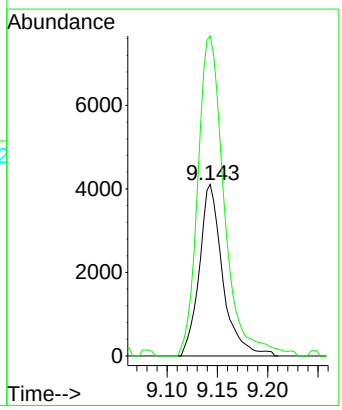


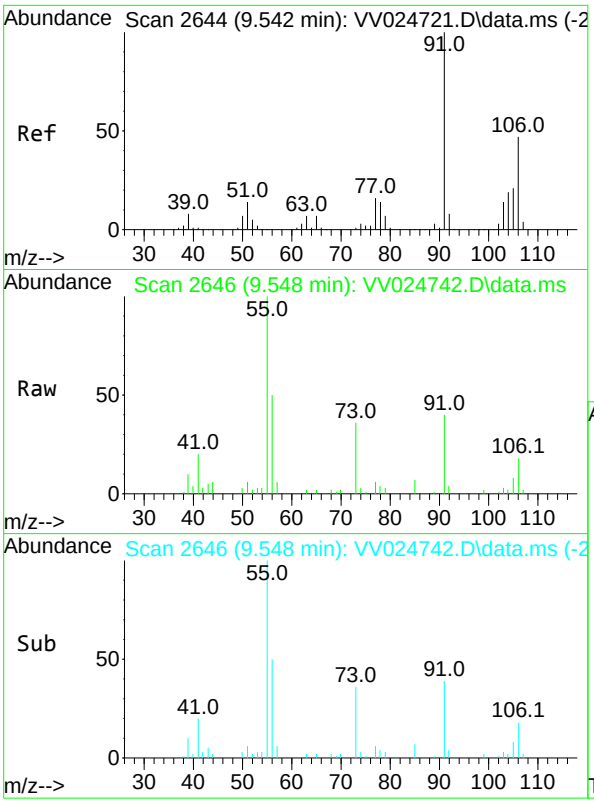


#53
m,p-xylene
Concen: 0.284 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV024742.D
Acq: 17 Feb 2022 23:07

Tgt Ion:106 Resp: 6622

Ion	Ratio	Lower	Upper
106	100		
91	186.7	143.6	266.6





#54
o-xylene
Concen: 0.117 ug/L
RT: 9.548 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV024742.D
Acq: 17 Feb 2022 23:07

Instrument :
MSVOA_V
ClientSampleId :
F4M92

Tgt Ion:106 Resp: 2661

Ion	Ratio	Lower	Upper
106	100		
91	218.3	152.2	282.7