Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072319\
Data File : VV011964.D
Acq On : 23 Jul 2019 14:52
Operator : SY/MD
Sample : K3890-02DL 5X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A52Q8DL

Quant Time: Jul 24 06:46:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 05:52:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	129620	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	125868	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	66700	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	40716	6.04	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 120.80%			
7) Chloroethane-d5	1.56	69	28480	5.37	ug/L	-0.03
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.40%			
11) 1,1-Dichloroethene-d2	2.13	63	59811	4.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.20%			
20) 2-Butanone-d5	3.93	46	109671	55.69	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.38%			
24) Chloroform-d	4.40	84	86817	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.08	65	51738	5.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.80%			
32) Benzene-d6	5.10	84	192166	5.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.60%			
36) 1,2-Dichloropropane-d6	6.12	67	54752	5.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.00%			
41) Toluene-d8	7.36	98	172897	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
43) trans-1,3-Dichloropropene-	7.66	79	21417	5.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.00%			
46) 2-Hexanone-d5	8.13	63	98254	60.01	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.02%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40028	5.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	74679	5.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	16851	2.117	ug/L	96
8) Chloroethane	1.58	64	40931	8.692	ug/L	100
12) 1,1-Dichloroethene	2.14	96	2461	0.417	ug/L #	1
13) Acetone	2.19	43	3050	2.873	ug/L	94
15) Methyl Acetate	2.45	43	3924	1.693	ug/L	91
19) 1,1-Dichloroethane	3.23	63	135306	8.339	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	9666	0.979	ug/L	91
29) 1,1,1-Trichloroethane	4.66	97	78718	4.886	ug/L	100
34) Trichloroethene	5.96	95	2954	0.287	ug/L	90
42) Toluene	7.43	91	232968	5.862	ug/L	97
52) Ethylbenzene	9.05	91	5429	0.120	ug/L	95
53) m,p-xylene	9.18	106	2366	0.137	ug/L	83
54) o-xylene	9.59	106	2574	0.157	ug/L	80

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

Quantitation Report (QT/LSC Reviewed)

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Operator : SY/MD
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Misc : 25ML/MSVOA_V/WATER
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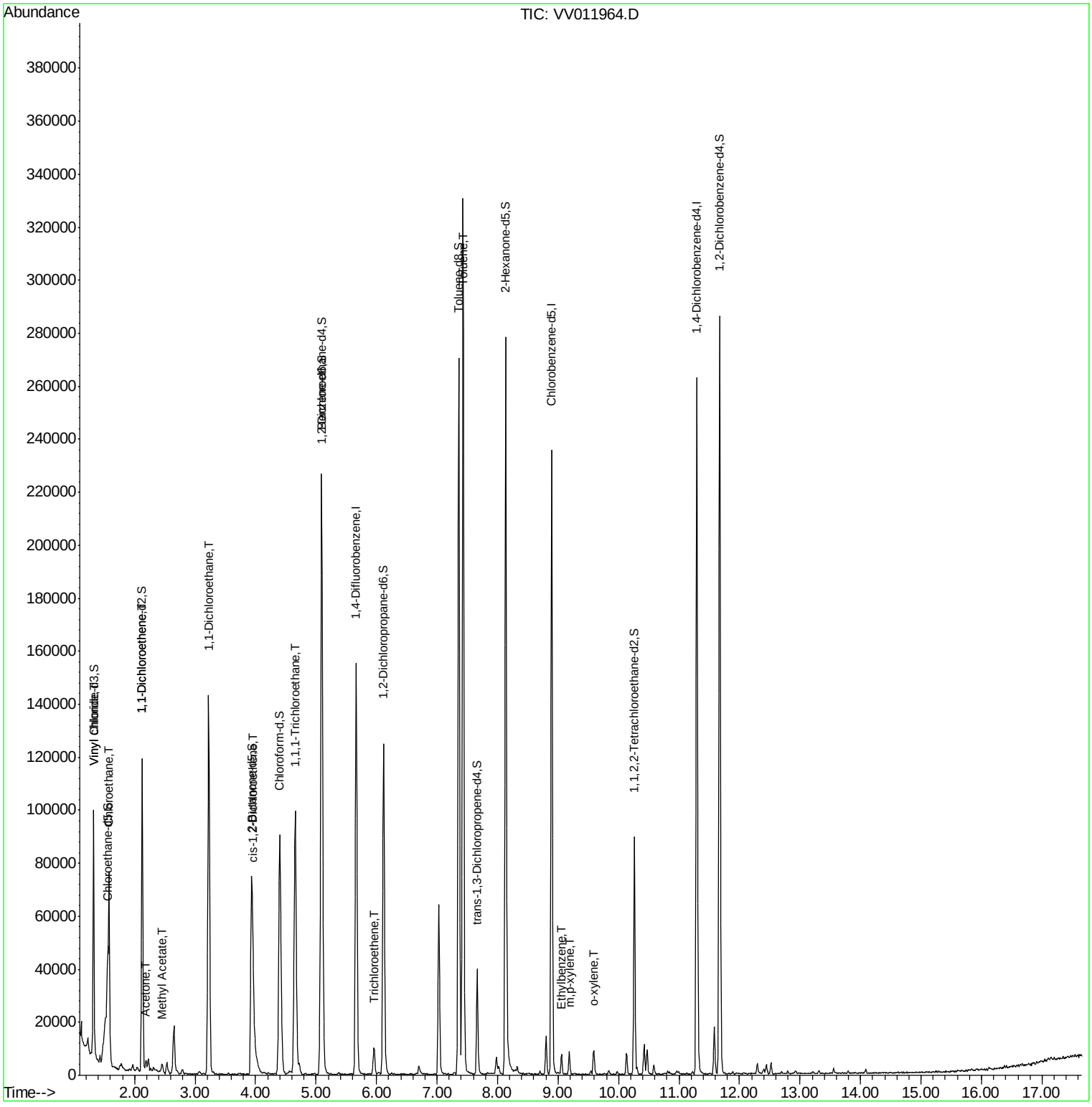
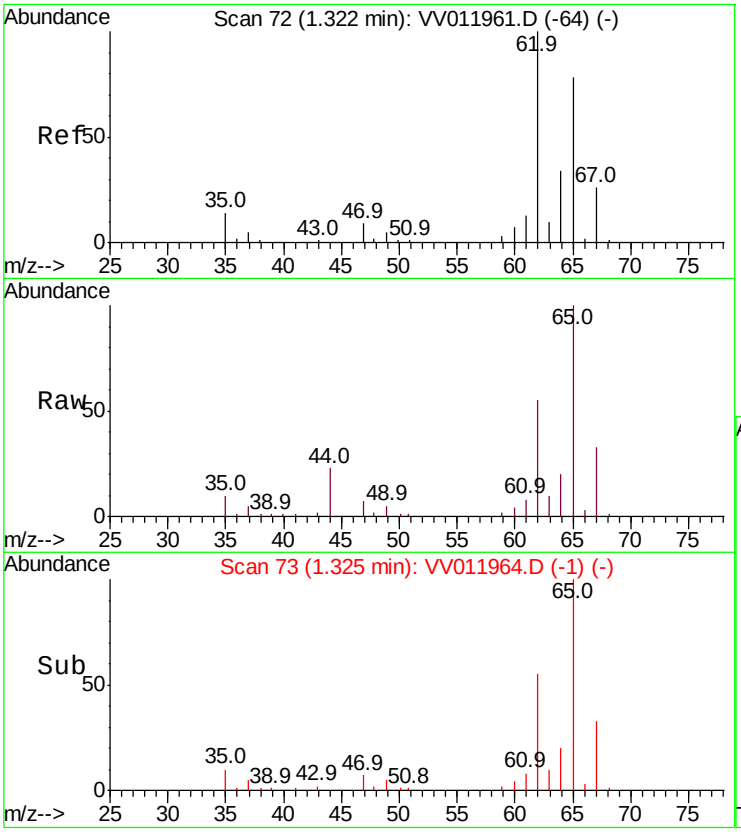
Instrument : MSVOA_V
ClientSampleId : A52Q8DL

Quant Time: Jul 24 06:46:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 05:52:52 2019
Response via : Initial Calibration



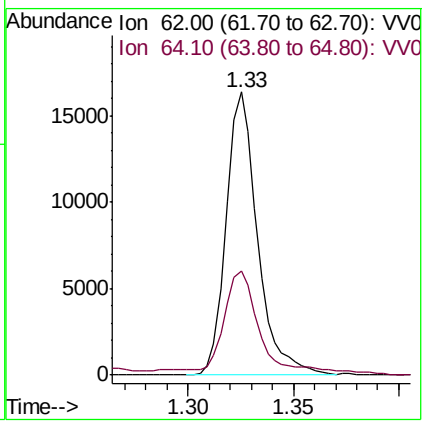


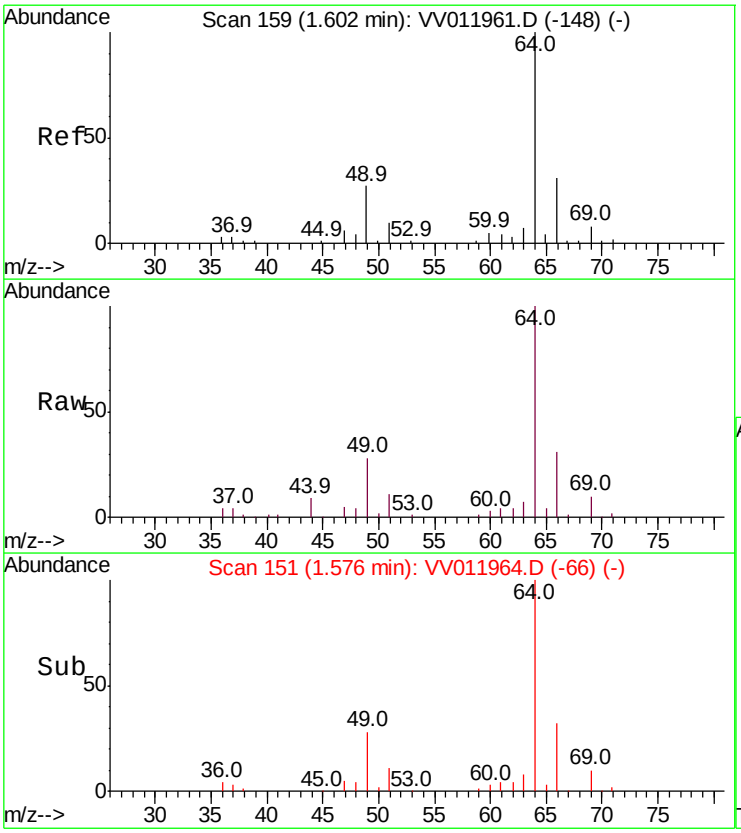
#5
Vinyl chloride
Concen: 2.117 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV011964.D
Acq: 23 Jul 2019 14:52

Instrument :
MSVOA_V
ClientSampleId :
A52Q8DL

Tgt Ion: 62 Resp: 16851

Ion	Ratio	Lower	Upper
62	100		
64	37.0	24.3	45.1

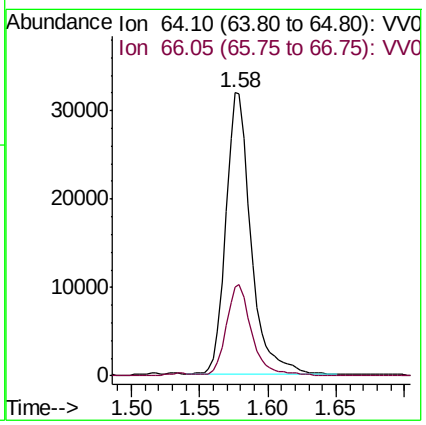


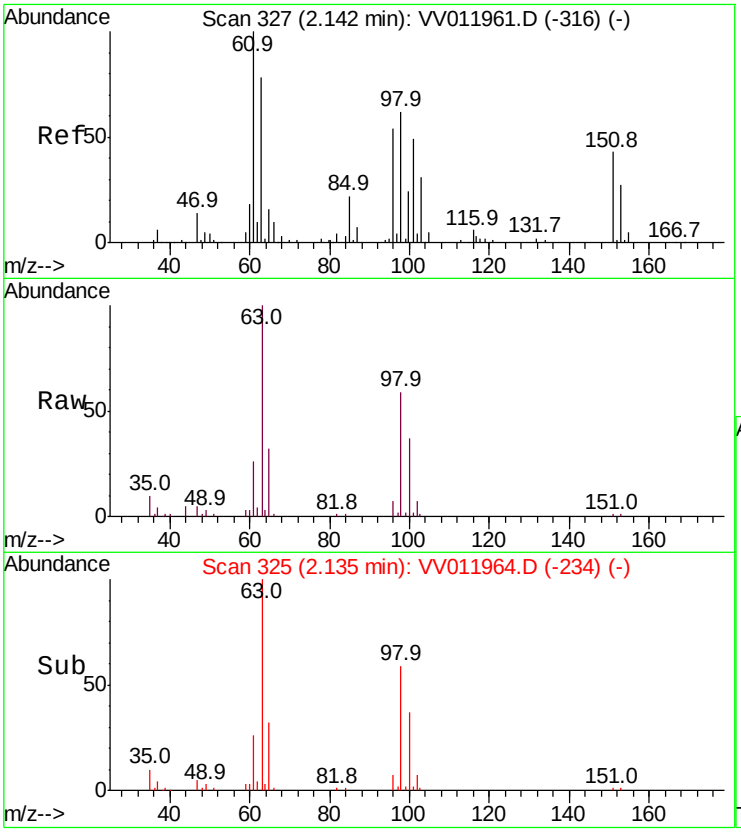


#8
Chloroethane
Concen: 8.692 ug/L
RT: 1.58 min Scan# 151
Delta R.T. -0.03 min
Lab File: VV011964.D
Acq: 23 Jul 2019 14:52

Tgt Ion: 64 Resp: 40931

Ion	Ratio	Lower	Upper
64	100		
66	31.5	21.8	40.6



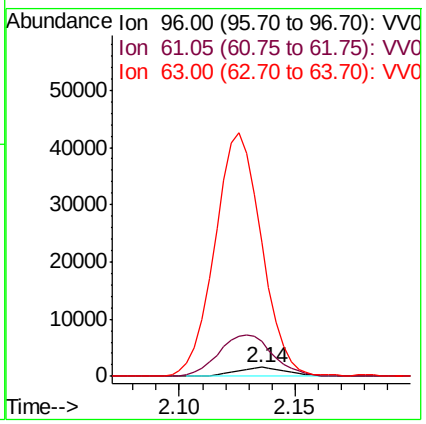


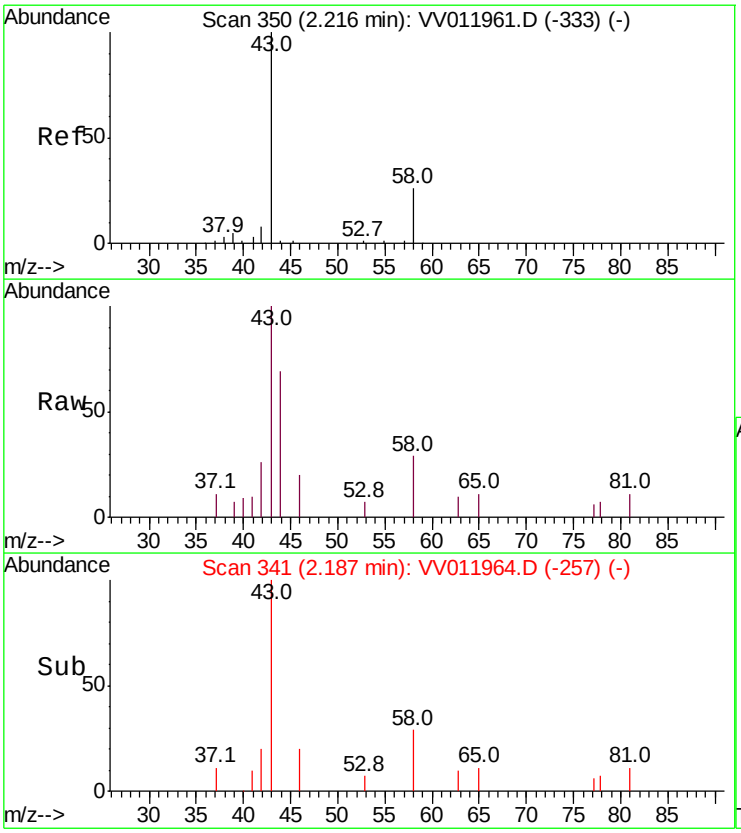
#12
1,1-Dichloroethene
Concen: 0.417 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV011964.D
Acq: 23 Jul 2019 14:52

Instrument : MSVOA_V
ClientSampleId : A52Q8DL

Tgt Ion: 96 Resp: 2461

Ion	Ratio	Lower	Upper
96	100		
61	394.4	132.7	246.5#
63	1522.4	104.0	193.1#

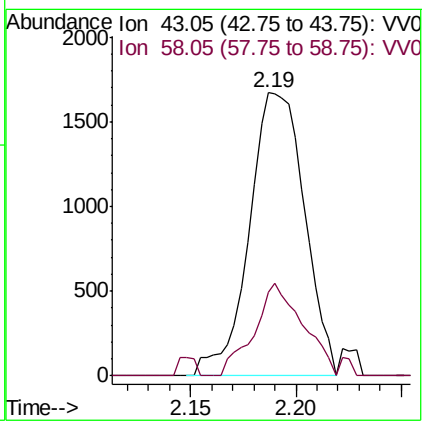


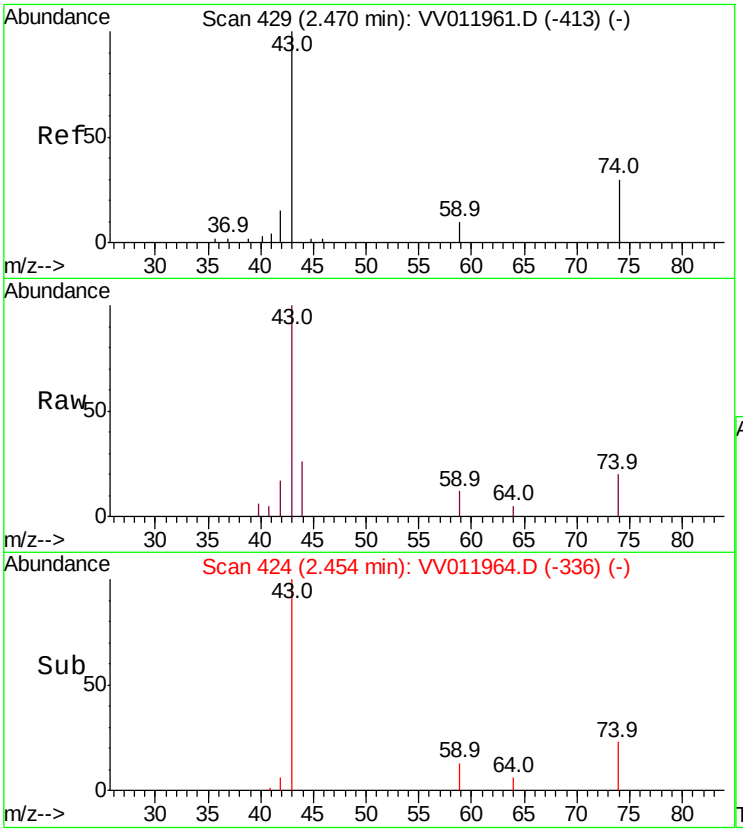


#13
Acetone
Concen: 2.873 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.03 min
Lab File: VV011964.D
Acq: 23 Jul 2019 14:52

Tgt Ion: 43 Resp: 3050

Ion	Ratio	Lower	Upper
43	100		
58	29.0	0.0	51.8



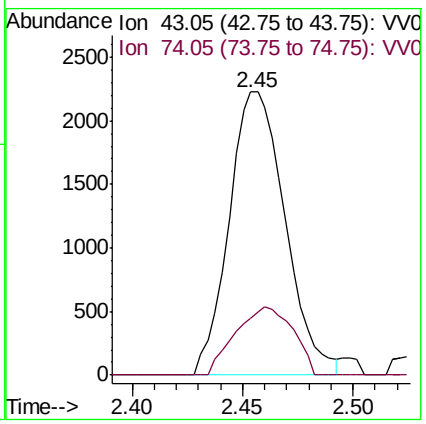


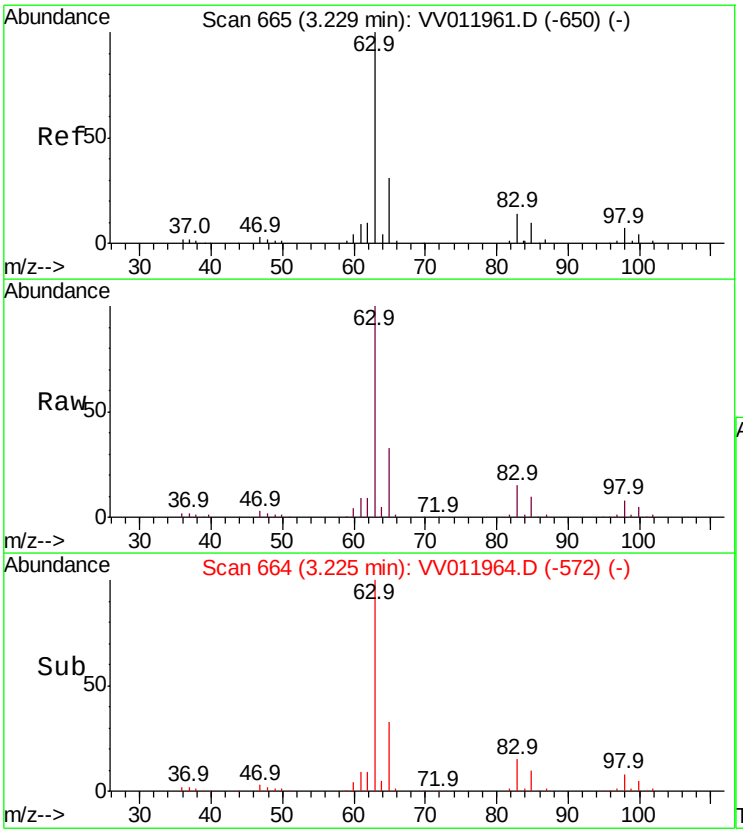
#15
Methyl Acetate
Concen: 1.693 ug/L
RT: 2.45 min Scan# 424
Delta R.T. -0.02 min
Lab File: VV011964.D
Acq: 23 Jul 2019 14:52

Instrument : MSVOA_V
ClientSampleId : A52Q8DL

Tgt Ion: 43 Resp: 3924

Ion	Ratio	Lower	Upper
43	100		
74	24.7	23.4	35.2

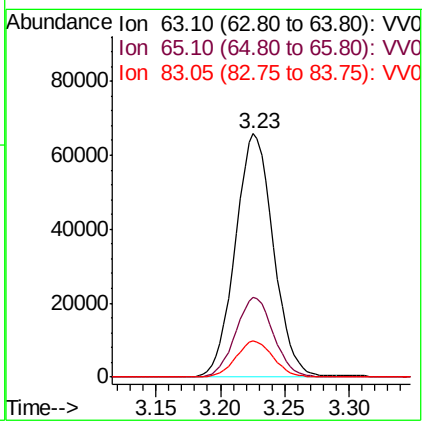


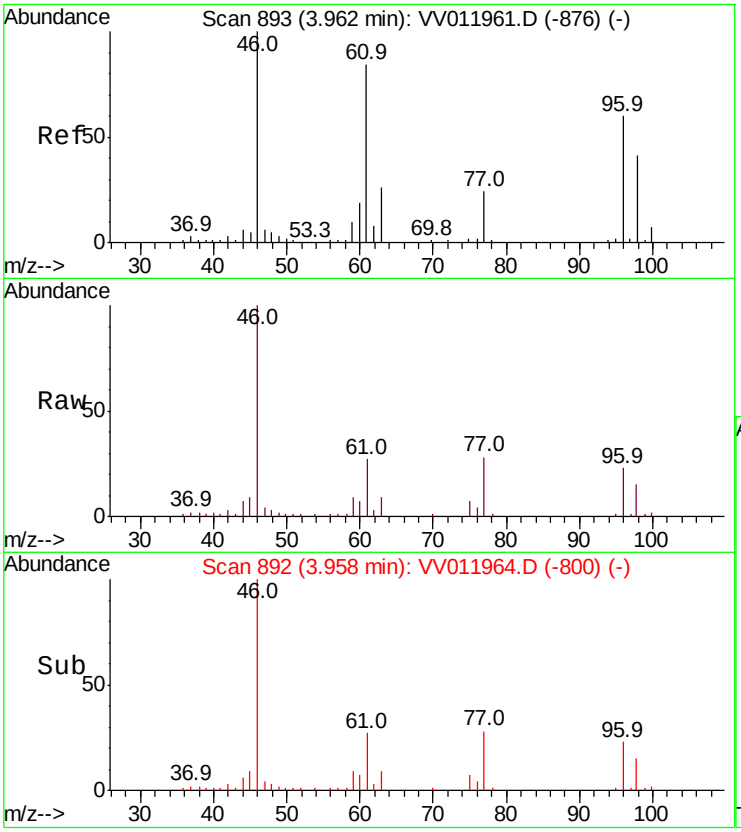


#19
1,1-Dichloroethane
Concen: 8.339 ug/L
RT: 3.23 min Scan# 664
Delta R.T. -0.00 min
Lab File: VV011964.D
Acq: 23 Jul 2019 14:52

Tgt Ion: 63 Resp: 135306

Ion	Ratio	Lower	Upper
63	100		
65	32.6	23.5	43.7
83	15.0	9.7	18.1



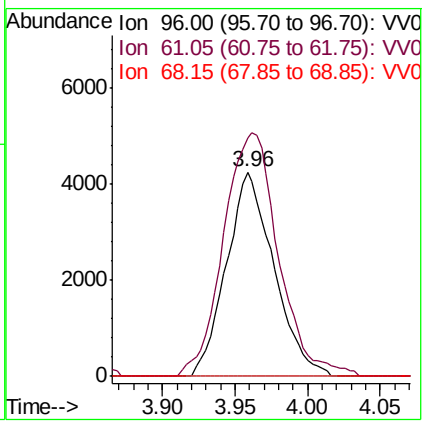


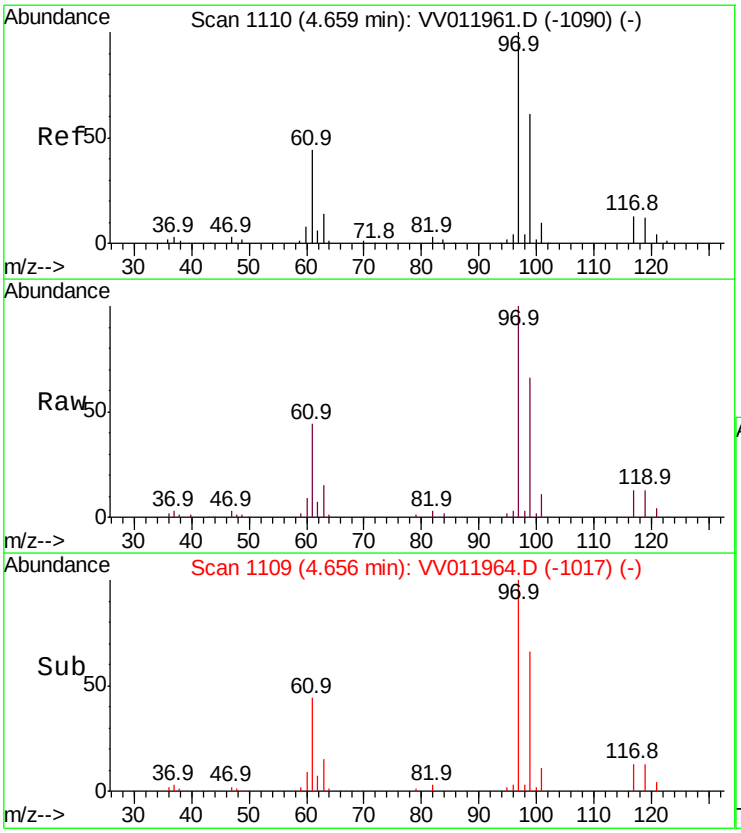
#22
cis-1,2-Dichloroethene
Concen: 0.979 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV011964.D
Acq: 23 Jul 2019 14:52

Instrument :
MSVOA_V
ClientSampleId :
A52Q8DL

Tgt Ion: 96 Resp: 9666

Ion	Ratio	Lower	Upper
96	100		
61	116.7	89.0	165.2
68	0.0	0.0	0.0

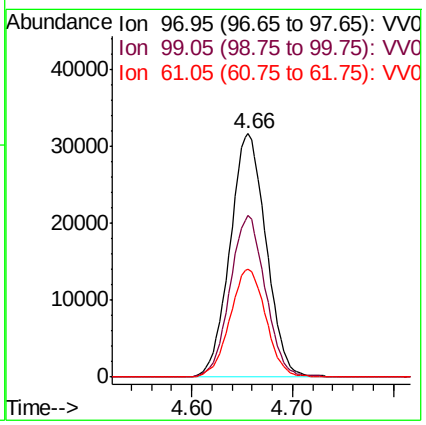


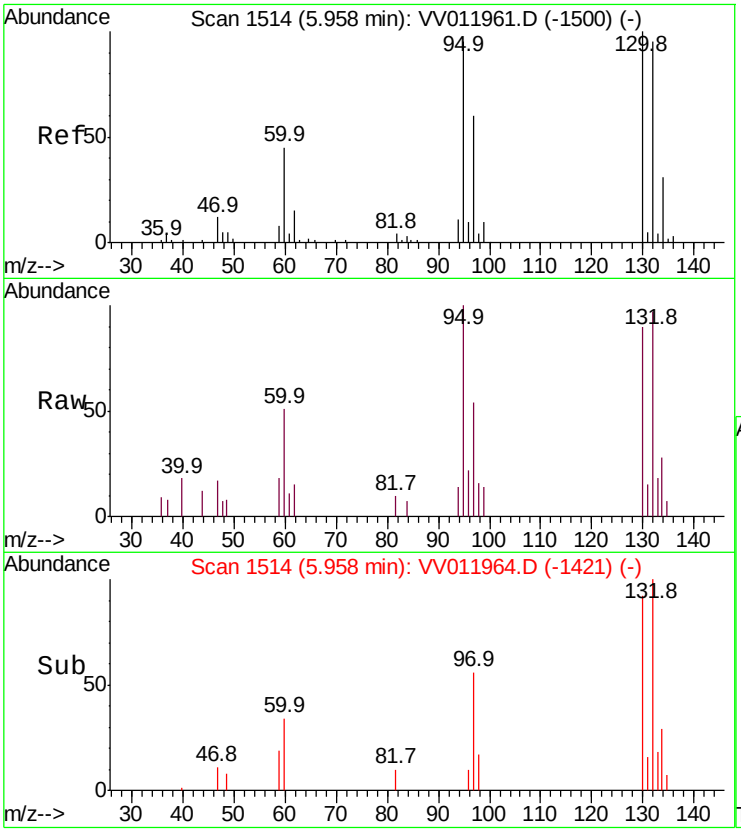


#29
1,1,1-Trichloroethane
Concen: 4.886 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VV011964.D
Acq: 23 Jul 2019 14:52

Tgt Ion: 97 Resp: 78718

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.7	77.5
61	43.6	35.1	52.7



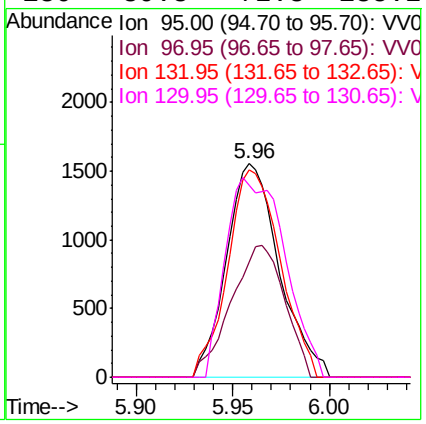


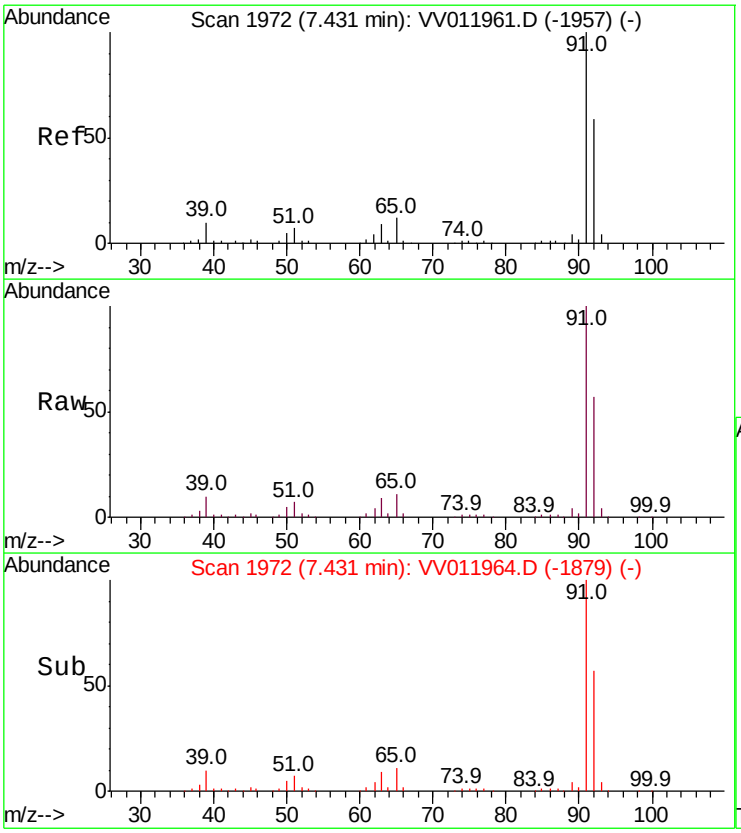
#34
Trichloroethene
Concen: 0.287 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV011964.D
Acq: 23 Jul 2019 14:52

Instrument : MSVOA_V
ClientSampleId : A52Q8DL

Tgt Ion: 95 Resp: 2954

Ion	Ratio	Lower	Upper
95	100		
97	54.0	45.6	84.6
132	97.2	71.3	132.3
130	89.8	72.8	135.2

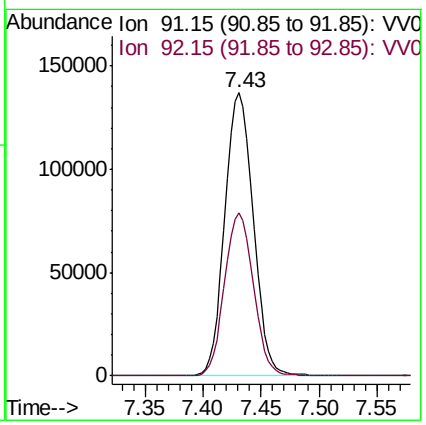


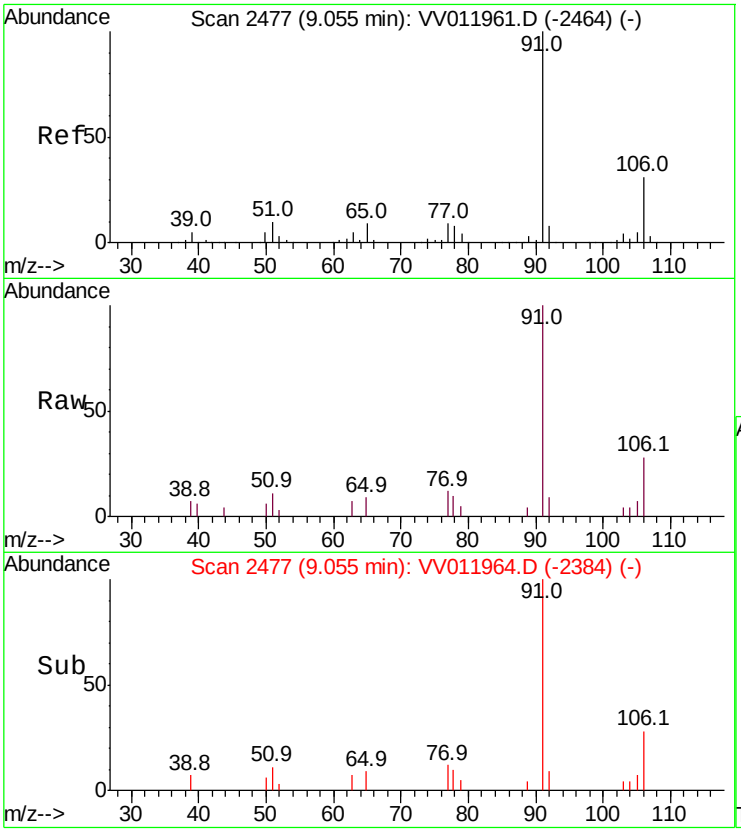


#42
Toluene
Concen: 5.862 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV011964.D
Acq: 23 Jul 2019 14:52

Tgt Ion: 91 Resp: 232968

Ion	Ratio	Lower	Upper
91	100		
92	57.4	41.9	77.9



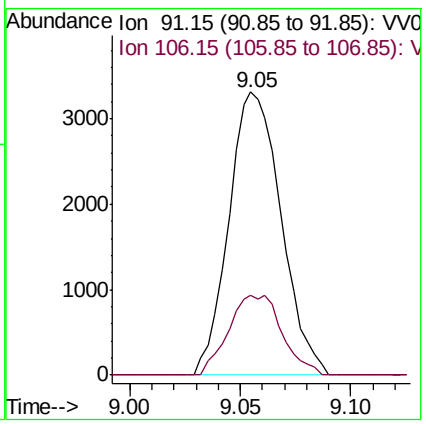


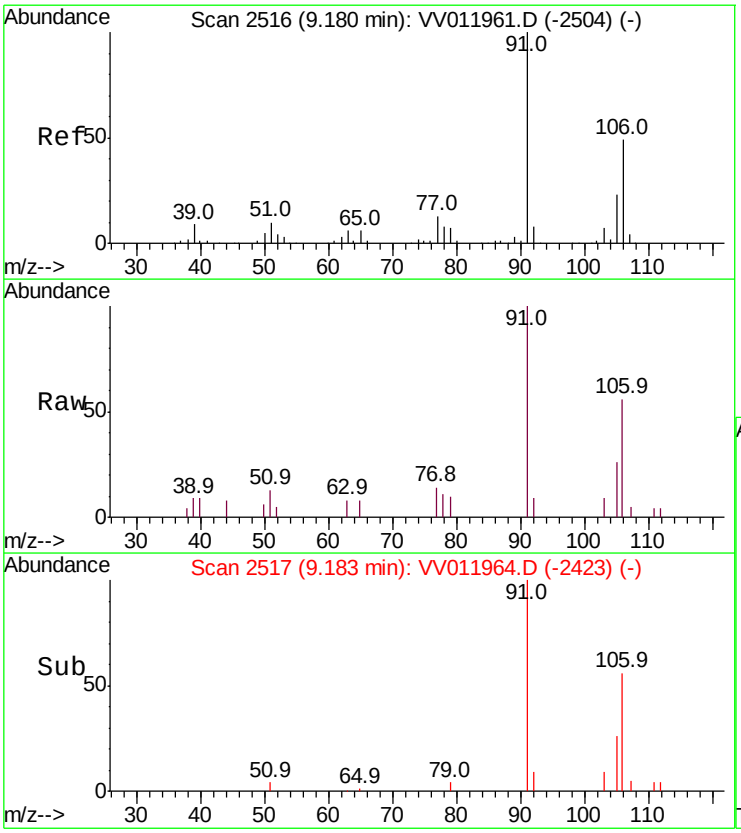
#52
Ethylbenzene
Concen: 0.120 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. -0.00 min
Lab File: VV011964.D
Acq: 23 Jul 2019 14:52

Instrument :
MSVOA_V
ClientSampleId :
A52Q8DL

Tgt Ion: 91 Resp: 5429

Ion	Ratio	Lower	Upper
91	100		
106	28.1	21.6	40.0

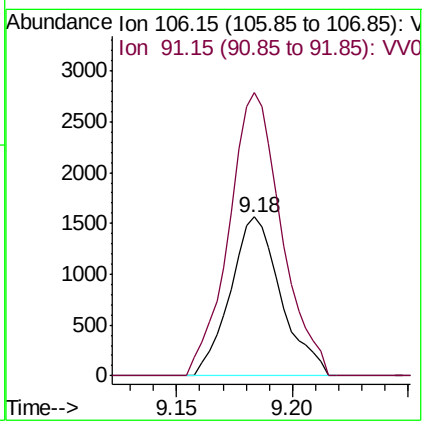


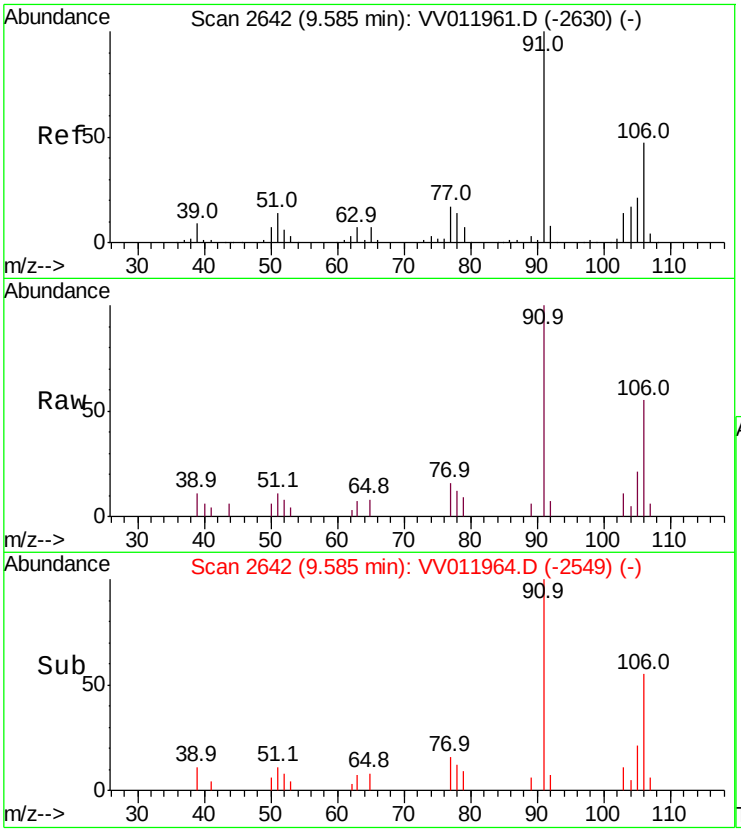


#53
m,p-xylene
Concen: 0.137 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV011964.D
Acq: 23 Jul 2019 14:52

Tgt Ion:106 Resp: 2366

Ion	Ratio	Lower	Upper
106	100		
91	177.9	142.7	265.1

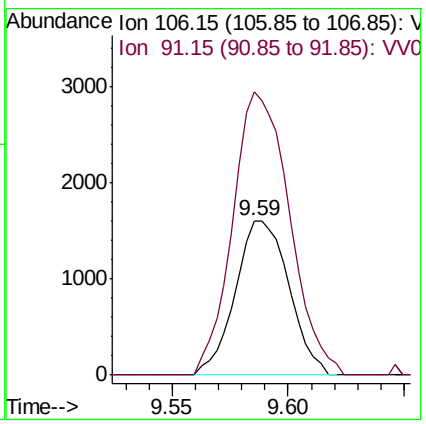




#54
o-xylene
Concen: 0.157 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV011964.D
Acq: 23 Jul 2019 14:52

Tgt Ion:106 Resp: 2574

Ion	Ratio	Lower	Upper
106	100		
91	183.3	151.0	280.4



Instrument :
MSVOA_V
ClientSampleId :
A52Q8DL