Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112119\

Quantitation Report (Not Reviewed)

Data File : VV013709.D
Acq On : 21 Nov 2019 13:31
Operator : SY/MD
Sample : K5911-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQL4

Quant Time: Nov 22 03:58:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 03:55:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	345963	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	347942	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	153175	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	127681	5.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 119.40%			
7) Chloroethane-d5	1.58	69	118585	6.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 124.40%			
11) 1,1-Dichloroethene-d2	2.12	63	176383	4.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.00%			
20) 2-Butanone-d5	3.96	46	294228	59.54	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.08%			
24) Chloroform-d	4.40	84	271025	5.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.80%			
26) 1,2-Dichloroethane-d4	5.08	65	136964	6.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 120.60%			
32) Benzene-d6	5.09	84	543225	5.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.00%			
36) 1,2-Dichloropropane-d6	6.12	67	164866	5.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 115.00%			
41) Toluene-d8	7.36	98	476831	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%			
43) trans-1,3-Dichloropropene-	7.66	79	56782	5.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.00%			
46) 2-Hexanone-d5	8.14	63	209257	50.13	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.26%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	109045	5.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	190114	6.45	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 129.00%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2151	0.101	ug/L #	27
12) 1,1-Dichloroethene	2.13	96	1897	0.092	ug/L #	1
25) Chloroform	4.42	83	8624	0.140	ug/L	77
27) 1,2-Dichloroethane	5.10	62	3349	0.122	ug/L	96
35) Methylcyclohexane	6.11	83	39933	0.929	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	18407	0.730	ug/L #	86
42) Toluene	7.43	91	26559	0.236	ug/L	98
44) trans-1,3-Dichloropropene	7.66	75	2730	0.096	ug/L	91
48) 2-Hexanone	8.19	43	9689	0.931	ug/L #	79
52) Ethylbenzene	9.05	91	8588	0.072	ug/L	97
53) m,p-xylene	9.18	106	9390	0.208	ug/L	90
54) o-xylene	9.58	106	3854	0.089	ug/L	94
69) Naphthalene	13.55	128	6400	0.134	ug/L #	91

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

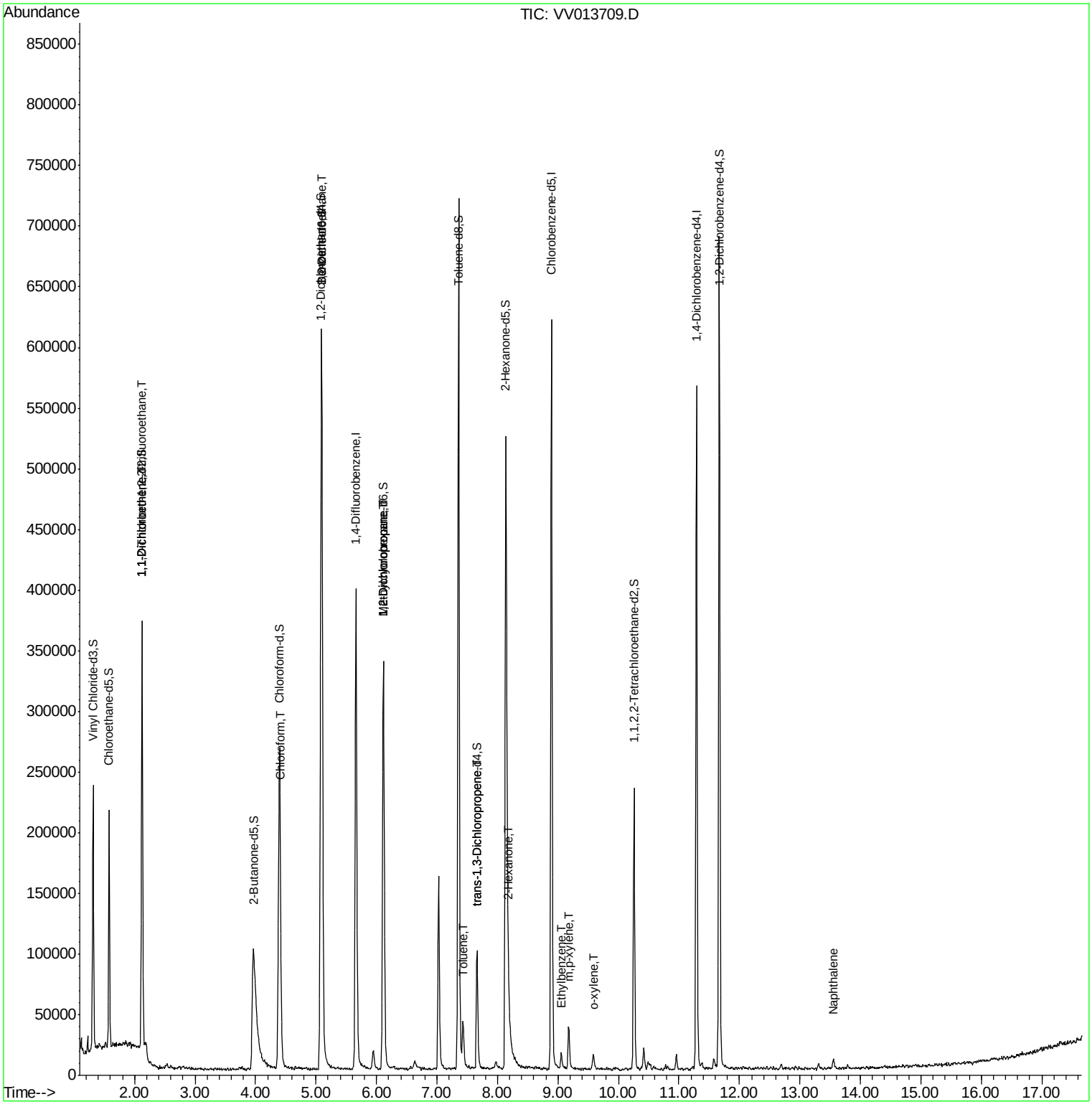
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112119\

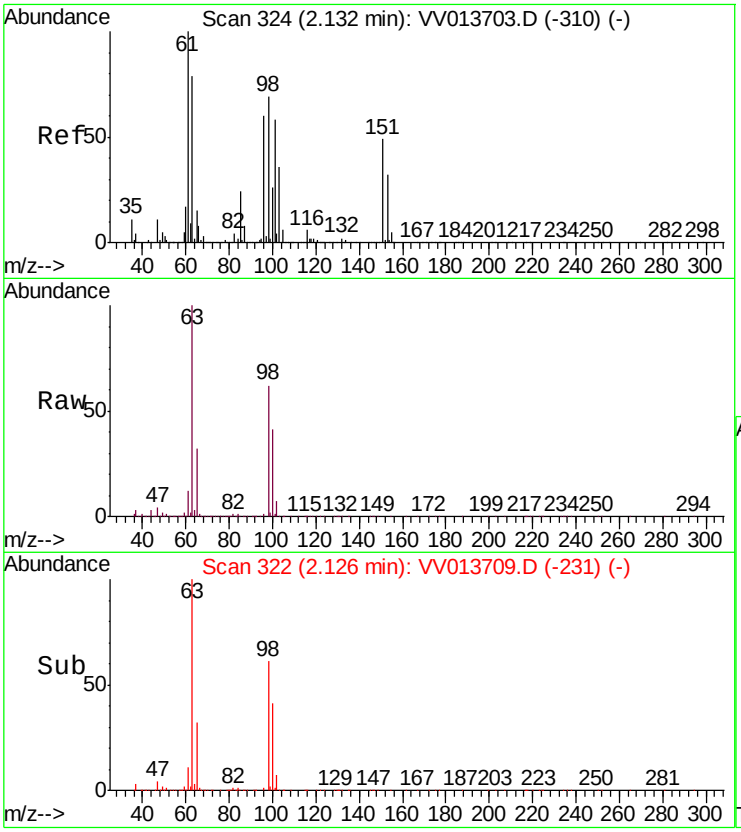
Quantitation Report (Not Reviewed)

Data File : VV013709.D
Acq On : 21 Nov 2019 13:31
Operator : SY/MD
Sample : K5911-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQL4

Quant Time: Nov 22 03:58:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 03:55:18 2019
Response via : Initial Calibration



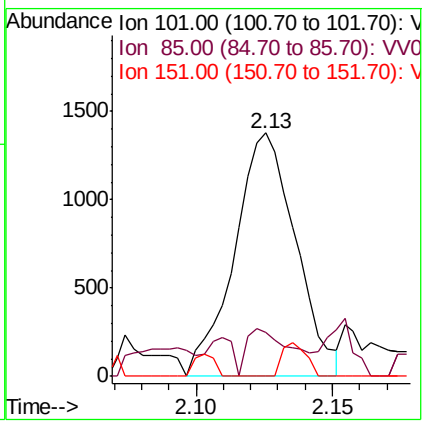


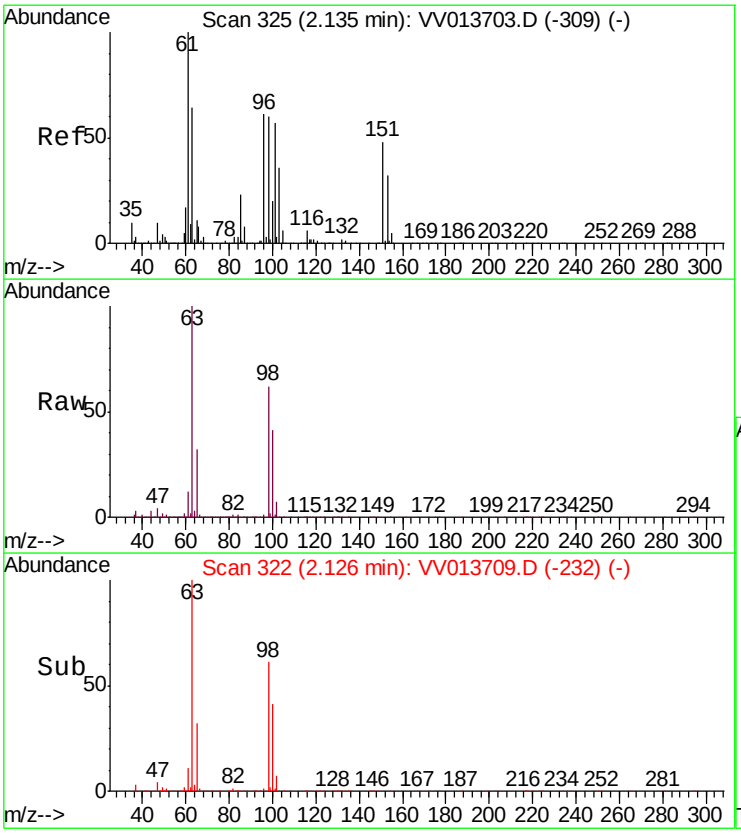
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.101 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV013709.D
Acq: 21 Nov 2019 13:31

Instrument : MSVOA_V
ClientSampleId : GAQL4

Tgt Ion:101 Resp: 2151

Ion	Ratio	Lower	Upper
101	100		
85	14.0	32.0	48.0#
151	5.5	69.0	103.6#

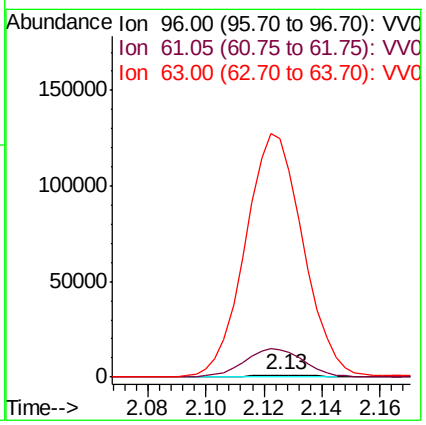


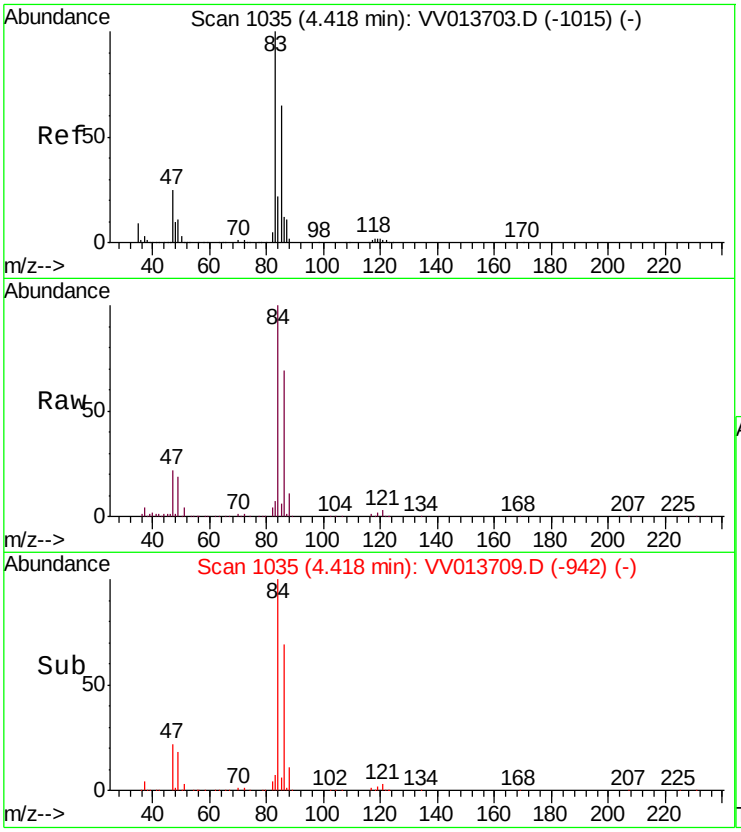


#12
1,1-Dichloroethene
Concen: 0.092 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV013709.D
Acq: 21 Nov 2019 13:31

Tgt Ion: 96 Resp: 1897

Ion	Ratio	Lower	Upper
96	100		
61	1253.6	112.5	208.9#
63	10804.5	76.9	142.7#



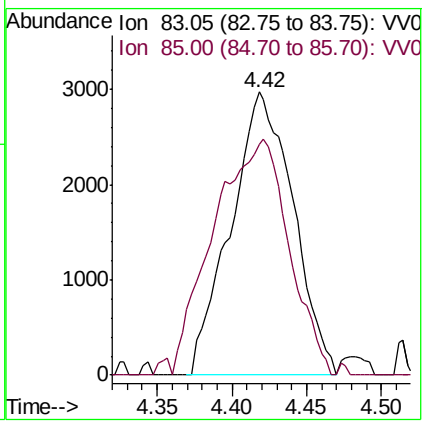


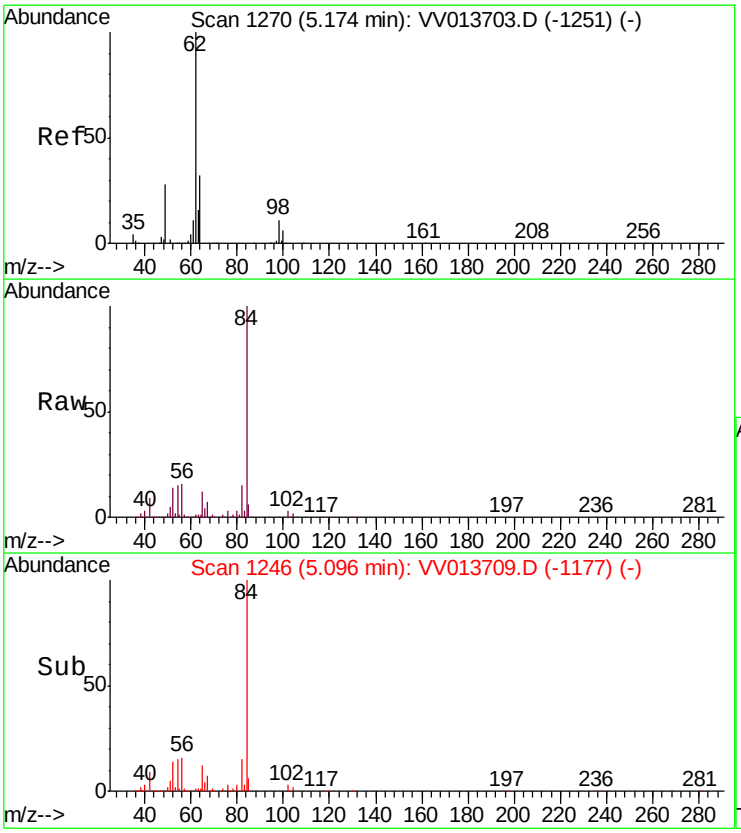
#25
Chloroform
Concen: 0.140 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV013709.D
Acq: 21 Nov 2019 13:31

Instrument : MSVOA_V
ClientSampleId : GAQL4

Tgt Ion: 83 Resp: 8624

Ion	Ratio	Lower	Upper
83	100		
85	81.6	44.4	82.5

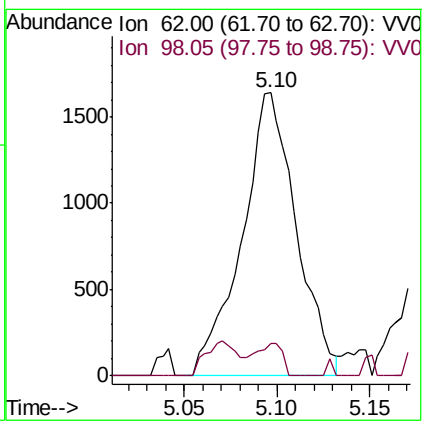


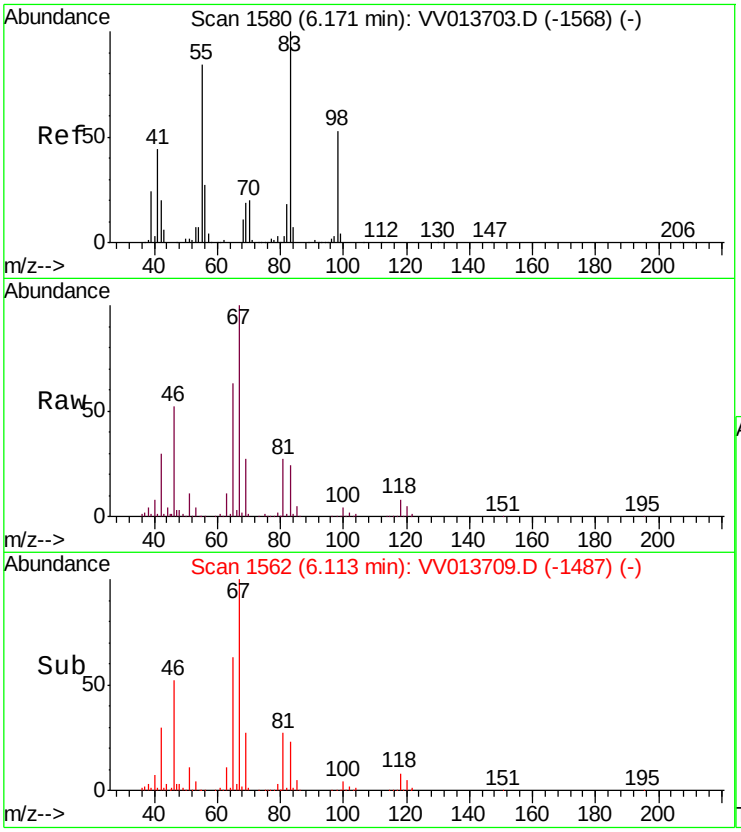


#27
1,2-Dichloroethane
Concen: 0.122 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV013709.D
Acq: 21 Nov 2019 13:31

Tgt Ion: 62 Resp: 3349

Ion	Ratio	Lower	Upper
62	100		
98	11.6	8.2	12.2



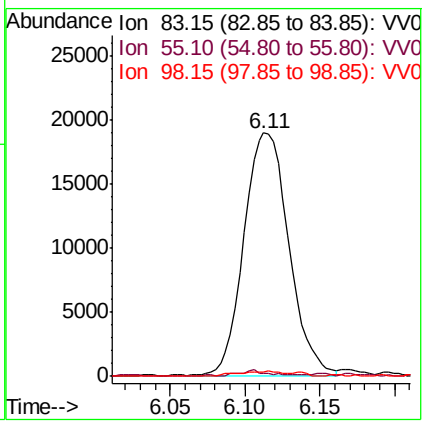


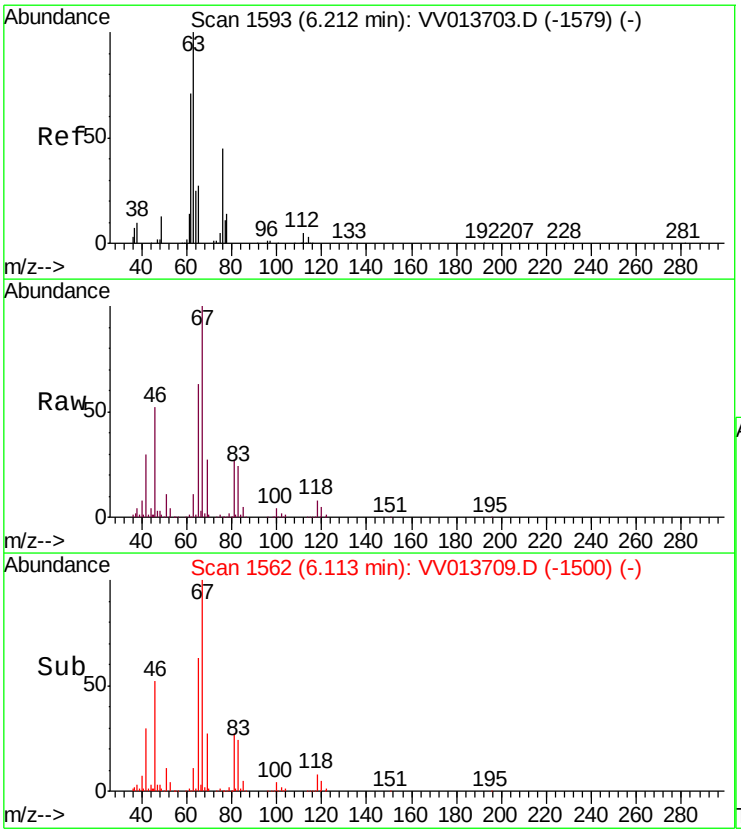
#35
Methylcyclohexane
Concen: 0.929 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013709.D
Acq: 21 Nov 2019 13:31

Instrument : MSVOA_V
ClientSampleId : GAQL4

Tgt Ion: 83 Resp: 39933

Ion	Ratio	Lower	Upper
83	100		
55	1.5	64.1	96.1#
98	2.1	38.2	57.2#

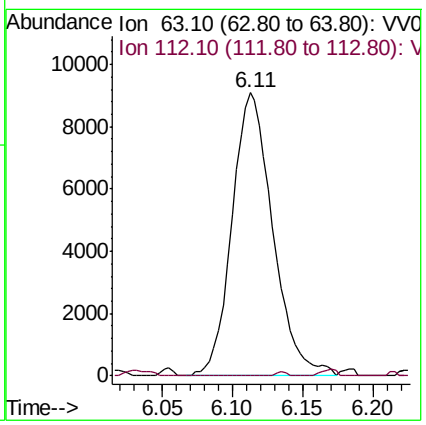


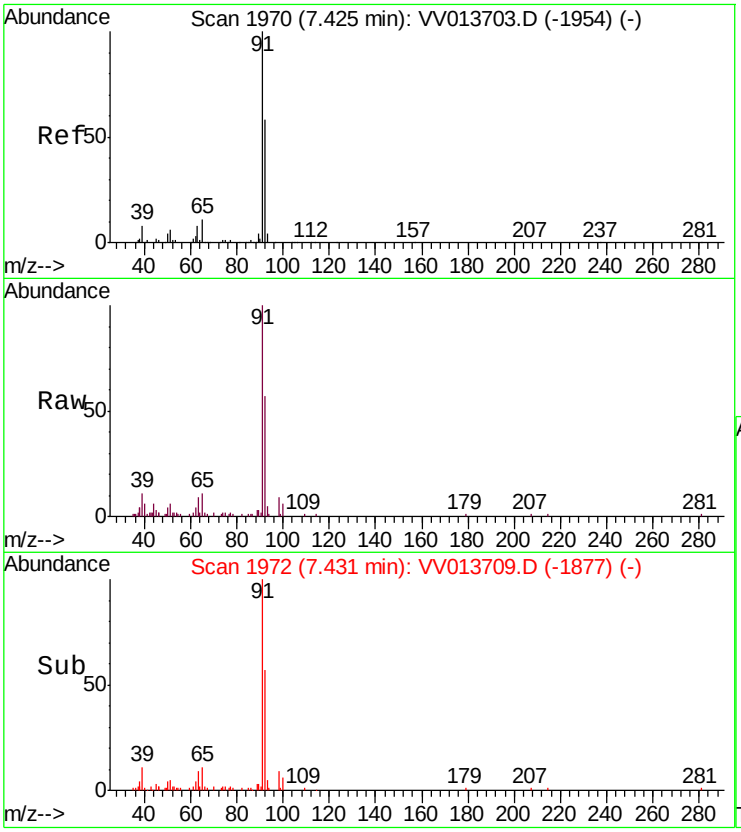


#37
1,2-Dichloropropane
Concen: 0.730 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013709.D
Acq: 21 Nov 2019 13:31

Tgt Ion: 63 Resp: 18407

Ion	Ratio	Lower	Upper
63	100		
112	0.3	4.1	6.1#



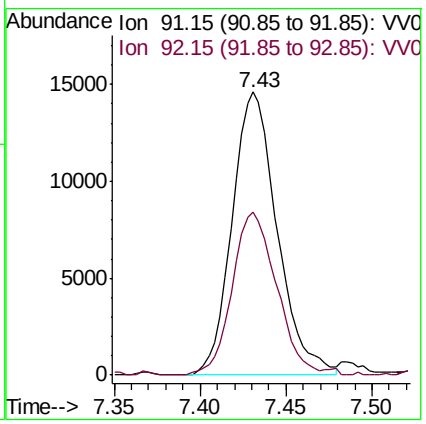


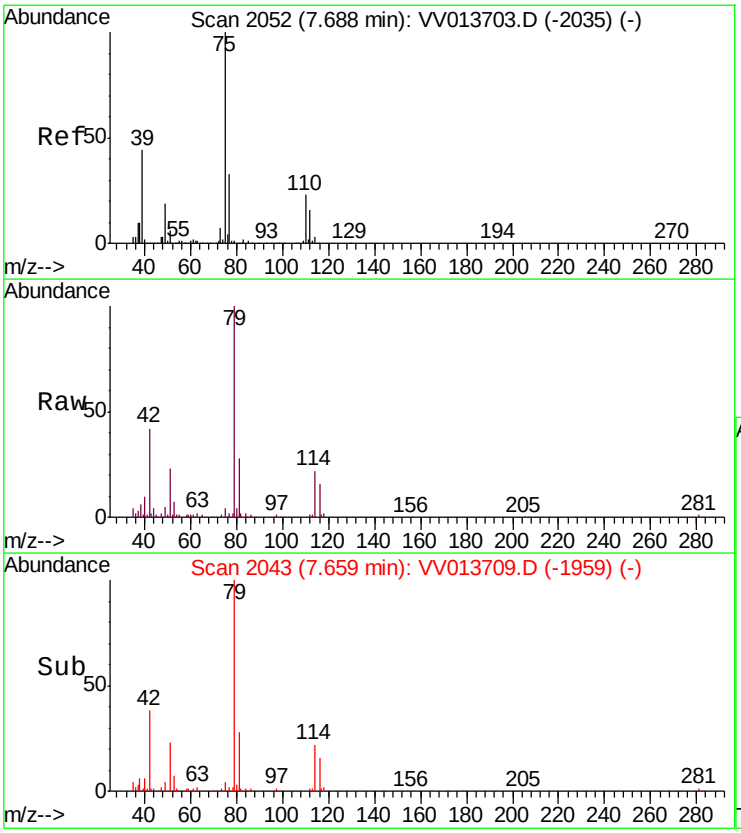
#42
Toluene
Concen: 0.236 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VV013709.D
Acq: 21 Nov 2019 13:31

Instrument : MSVOA_V
ClientSampleId : GAQL4

Tgt Ion: 91 Resp: 26559

Ion	Ratio	Lower	Upper
91	100		
92	57.4	41.2	76.6

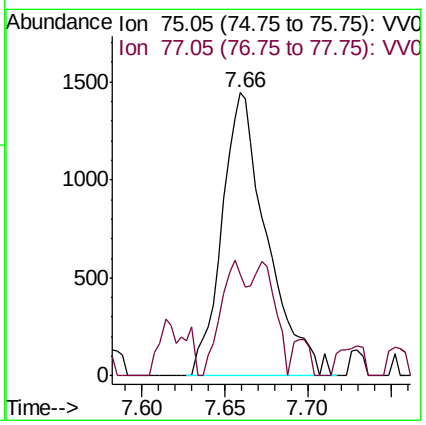


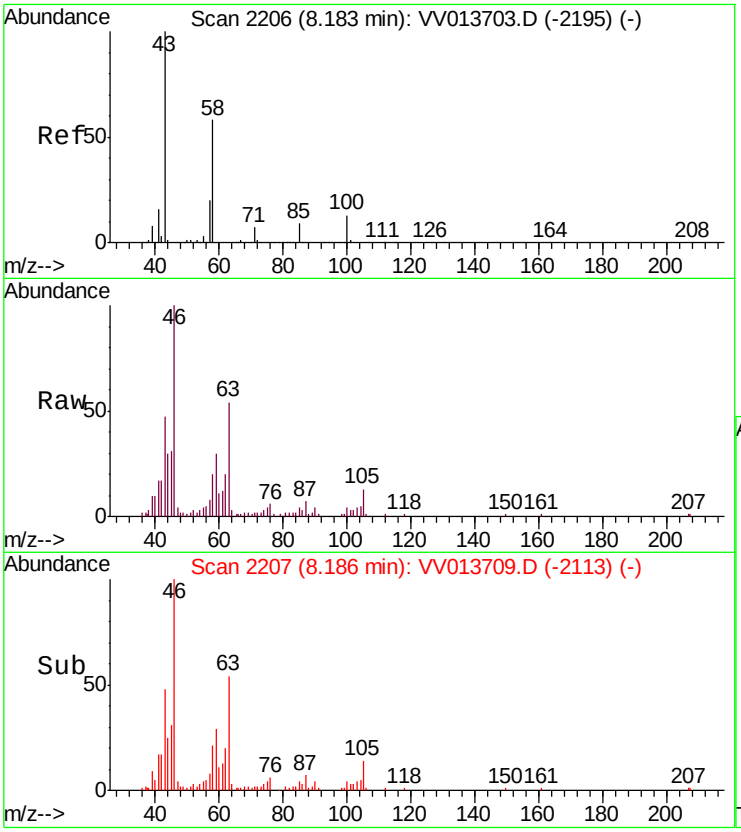


#44
trans-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV013709.D
Acq: 21 Nov 2019 13:31

Tgt Ion: 75 Resp: 2730

Ion	Ratio	Lower	Upper
75	100		
77	36.0	21.6	40.2



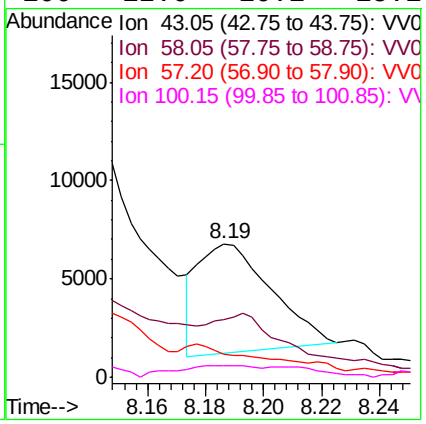


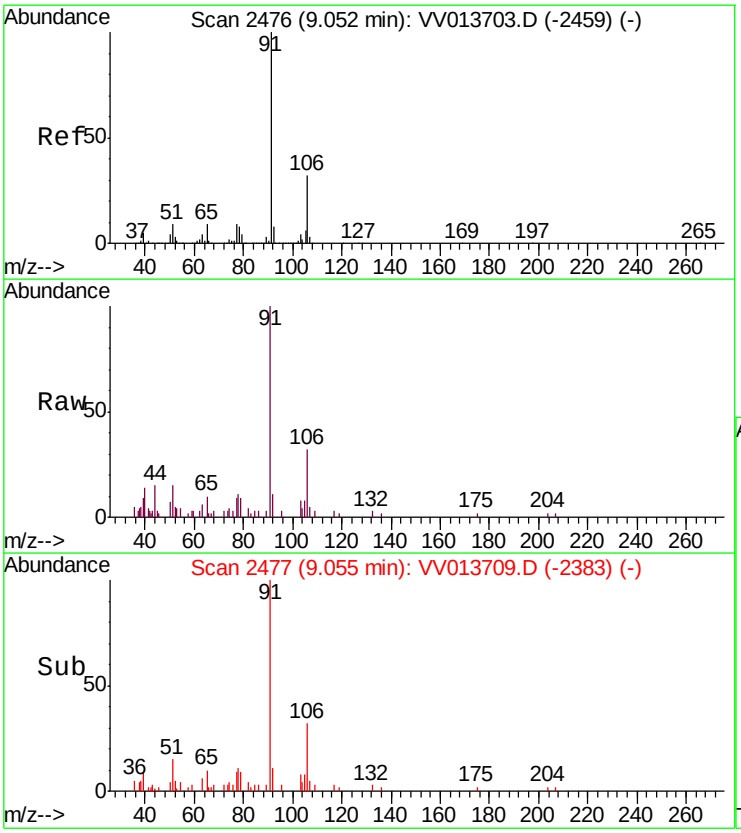
#48
2-Hexanone
Concen: 0.931 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV013709.D
Acq: 21 Nov 2019 13:31

Instrument : MSVOA_V
ClientSampleId : GAQL4

Tgt Ion: 43 Resp: 9689

Ion	Ratio	Lower	Upper
43	100		
58	68.6	43.0	64.6#
57	35.9	15.4	23.2#
100	12.0	10.1	15.1

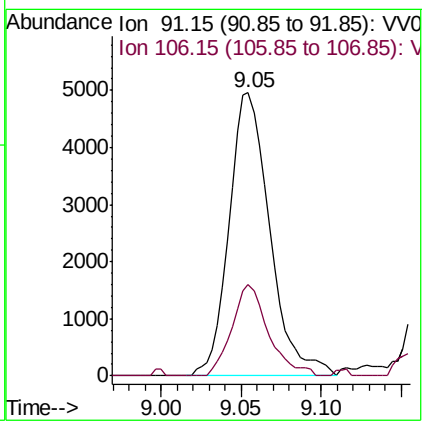


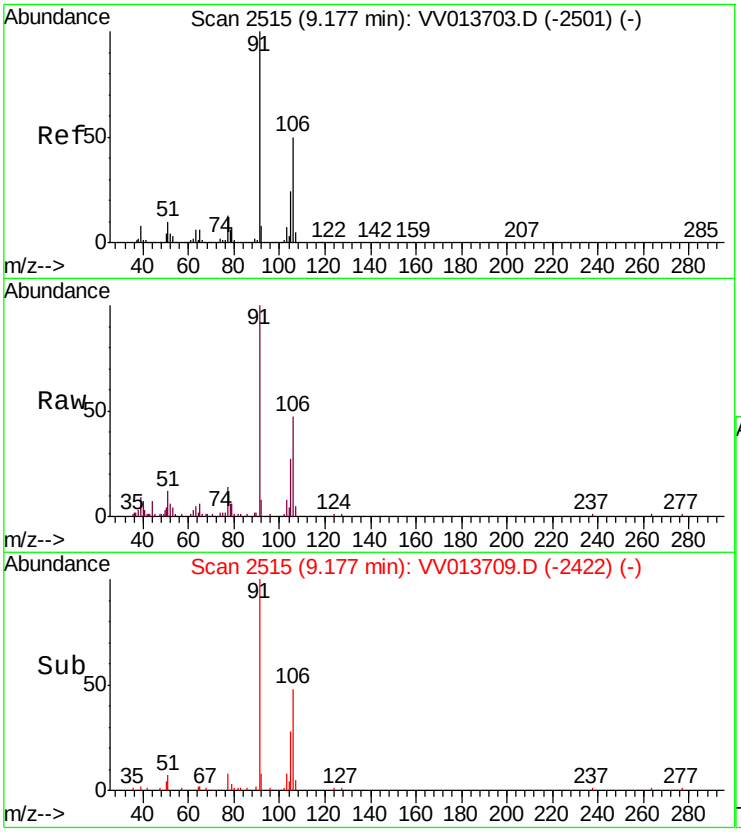


#52
Ethylbenzene
Concen: 0.072 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV013709.D
Acq: 21 Nov 2019 13:31

Tgt Ion: 91 Resp: 8588

Ion	Ratio	Lower	Upper
91	100		
106	32.5	21.7	40.3



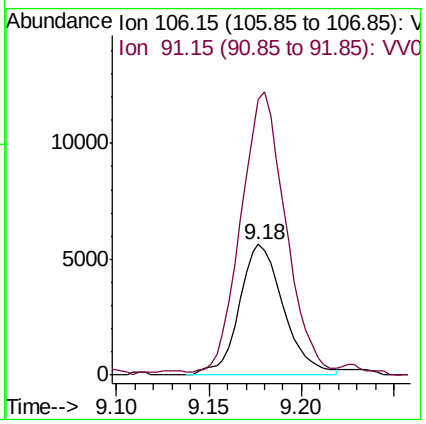


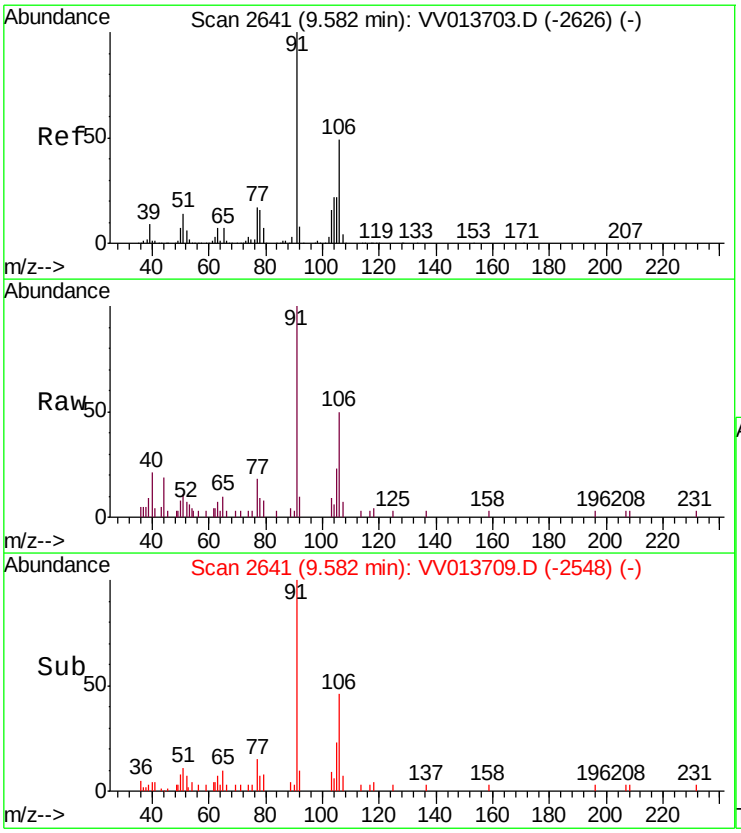
#53
m,p-xylene
Concen: 0.208 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV013709.D
Acq: 21 Nov 2019 13:31

Instrument : MSVOA_V
ClientSampleId : GAQL4

Tgt Ion:106 Resp: 9390

Ion	Ratio	Lower	Upper
106	100		
91	211.6	138.1	256.5

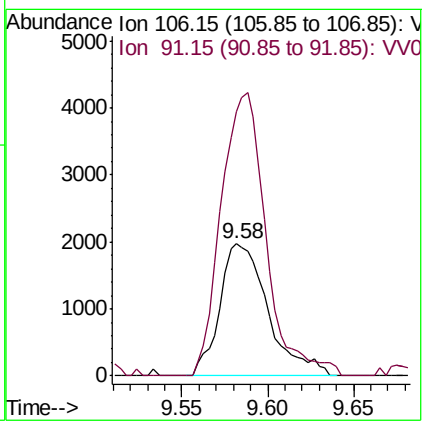


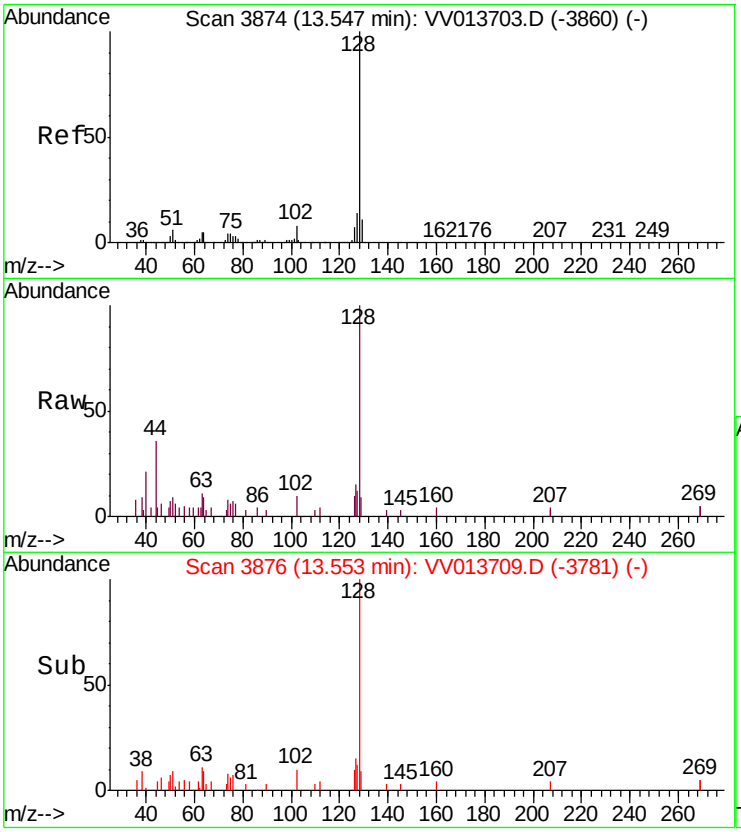


#54
o-xylene
Concen: 0.089 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV013709.D
Acq: 21 Nov 2019 13:31

Tgt Ion:106 Resp: 3854

Ion	Ratio	Lower	Upper
106	100		
91	200.9	146.9	272.7





#69
Naphthalene
Concen: 0.134 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.01 min
Lab File: VV013709.D
Acq: 21 Nov 2019 13:31

Instrument :
MSVOA_V
ClientSampleId :
GAQL4

Tgt Ion:128 Resp: 6400

Ion	Ratio	Lower	Upper
128	100		
129	6.9	8.6	13.0#
127	16.3	10.4	15.6#