Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013649.D
Acq On : 27 Nov 2019 13:50
Operator : JC/SP
Sample : K6002-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Time: Dec 02 04:11:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	669225	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	1061379	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	956369	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	431069	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	381943	49.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.34%				
35) Dibromofluoromethane	5.49	113	319700	48.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.44%				
50) Toluene-d8	8.71	98	1269122	49.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.28%				
62) 4-Bromofluorobenzene	11.14	95	430147	46.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.32%				
Target Compounds							Qvalue
11) Tert butyl alcohol	3.03	59	20568	10.727	ug/l	#	74
16) Acetone	2.43	43	14730	3.841	ug/l	#	89
19) Methyl tert-butyl Ether	3.18	73	386505	18.319	ug/l	#	71
25) 2-Butanone	4.67	43	6154	1.080	ug/l	#	86
31) Cyclohexane	5.58	56	102329	8.918	ug/l	#	86
39) Methylcyclohexane	7.46	83	128524	10.792	ug/l		94
40) Benzene	6.14	78	381625	13.005	ug/l		99
43) Isopropyl Acetate	6.42	43	116809	6.564	ug/l	#	20
44) Trichloroethene	7.22	130	3333	0.414	ug/l		94
52) Toluene	8.78	92	13801	0.757	ug/l		91
64) Tetrachloroethene	9.33	164	17678	2.479	ug/l		95
67) Ethyl Benzene	10.25	91	13480	0.395	ug/l		93
68) m/p-Xylenes	10.35	106	27825	2.130	ug/l		95
69) o-Xylene	10.70	106	9364	0.735	ug/l		91
73) Isopropylbenzene	11.01	105	47961	1.586	ug/l		94
78) n-propylbenzene	11.35	91	15582	0.462	ug/l		92
80) 1,3,5-Trimethylbenzene	11.50	105	6493	0.262	ug/l		88
83) tert-Butylbenzene	11.76	119	9950	0.395	ug/l		86
85) sec-Butylbenzene	11.94	105	41244	1.434	ug/l		97
86) p-Isopropyltoluene	12.06	119	10075	0.376	ug/l	#	65
95) Naphthalene	13.83	128	27534	0.943	ug/l	#	84

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

Quantitation Report (QT/LSC Reviewed)

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ALS Vial : 10 Sample Multiplier: 1

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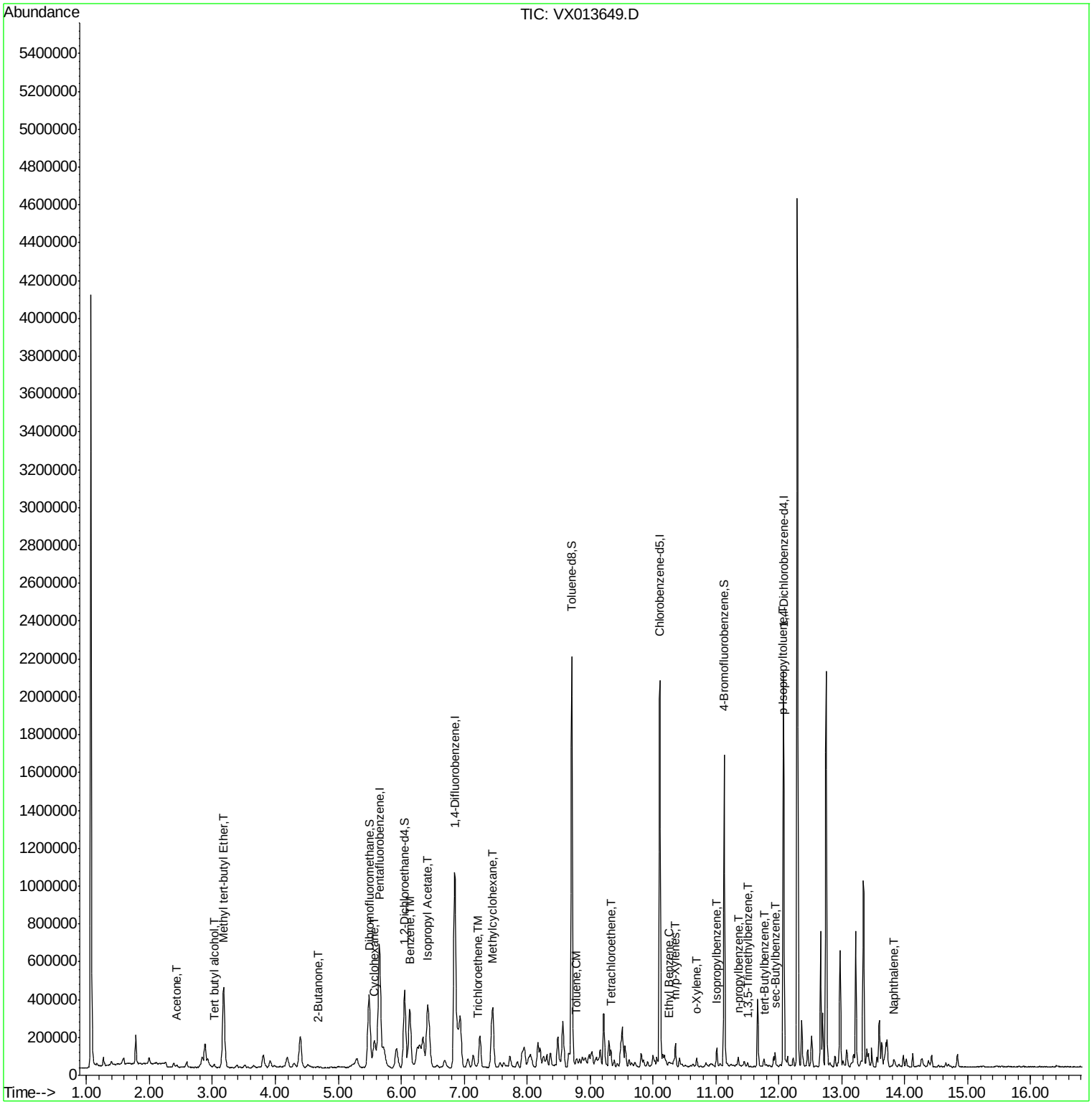
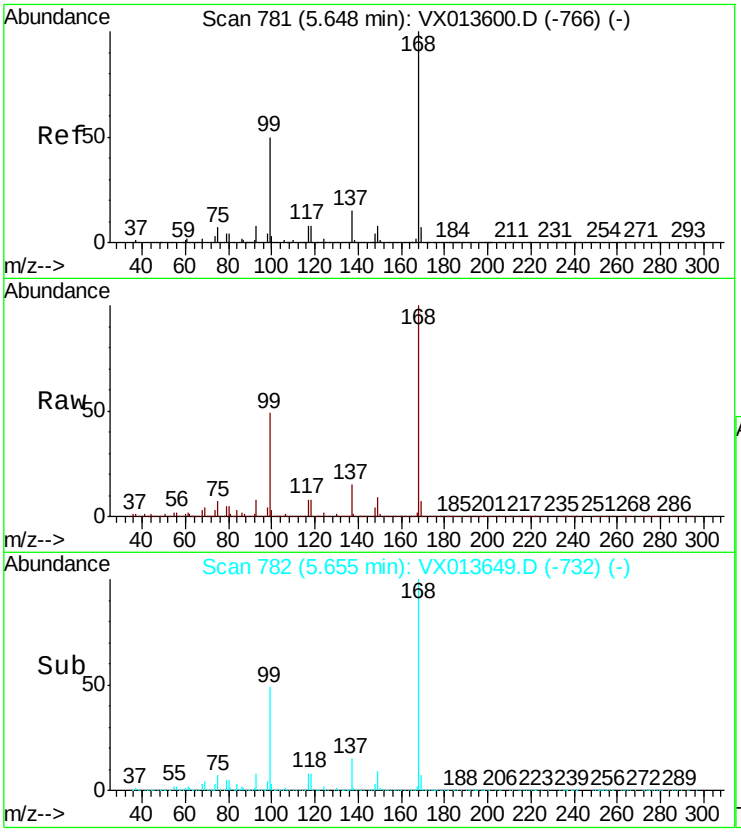
Quant Time: Dec 02 04:11:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration



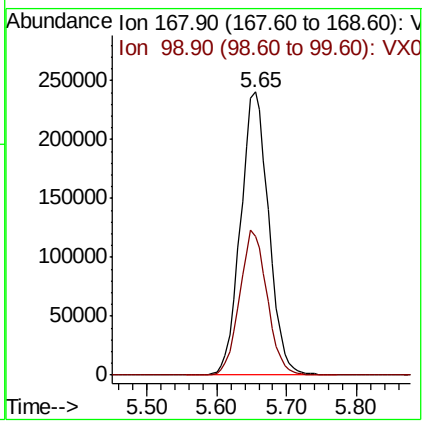


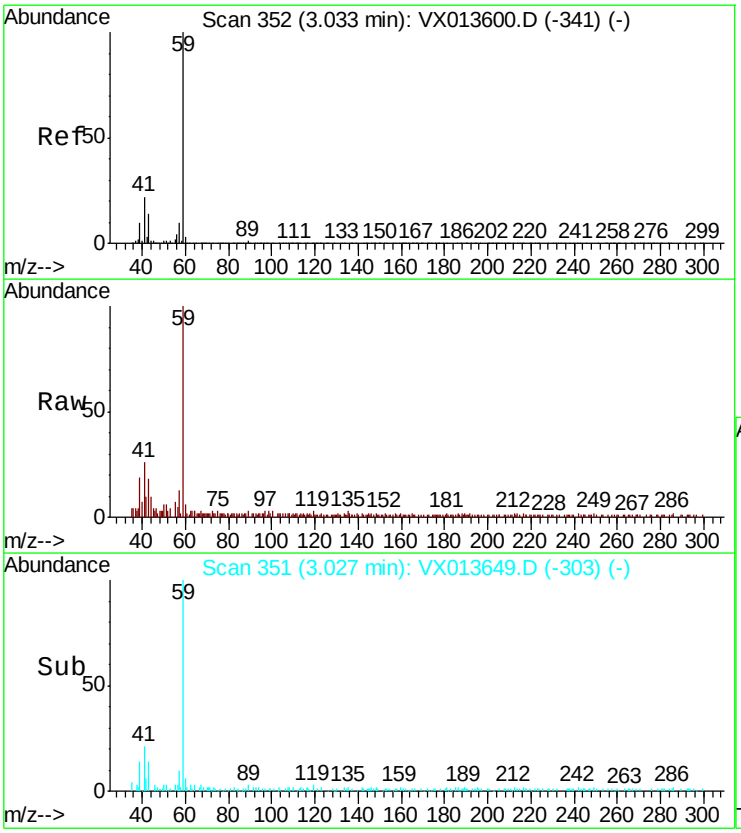
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion:168 Resp: 669225

Ion	Ratio	Lower	Upper
168	100		
99	48.8	39.8	59.8

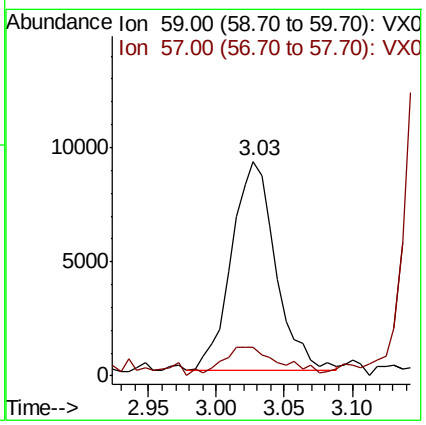


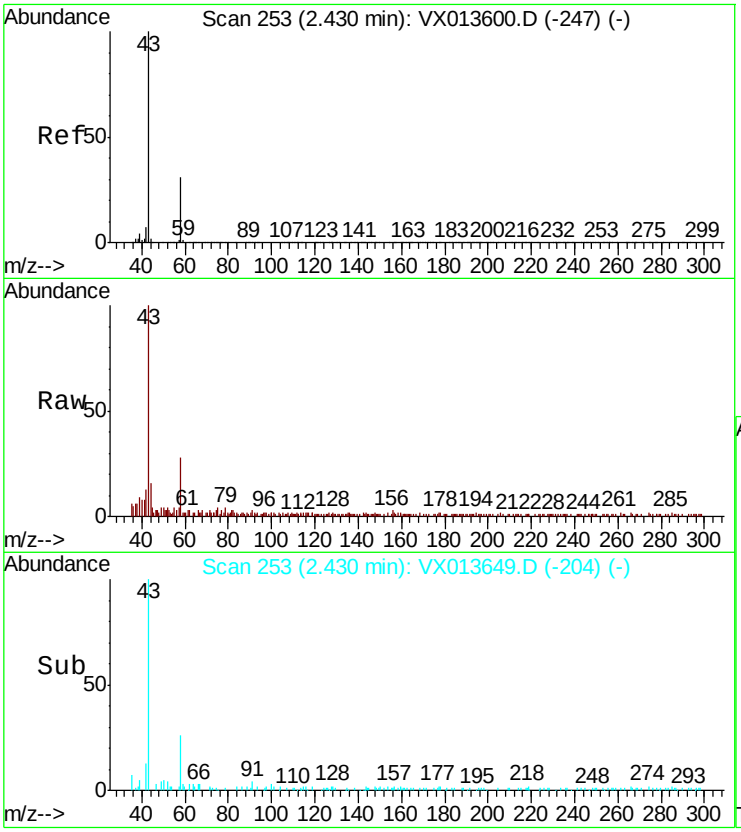


#11
Tert butyl alcohol
Concen: 10.727 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Tgt Ion: 59 Resp: 20568

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



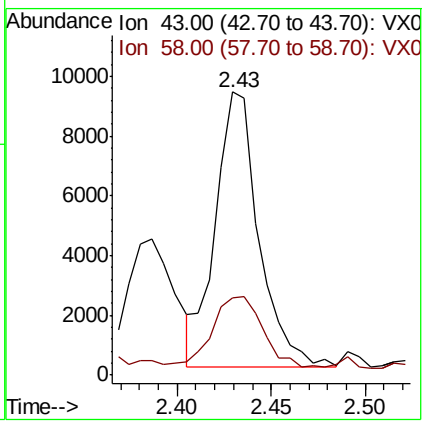


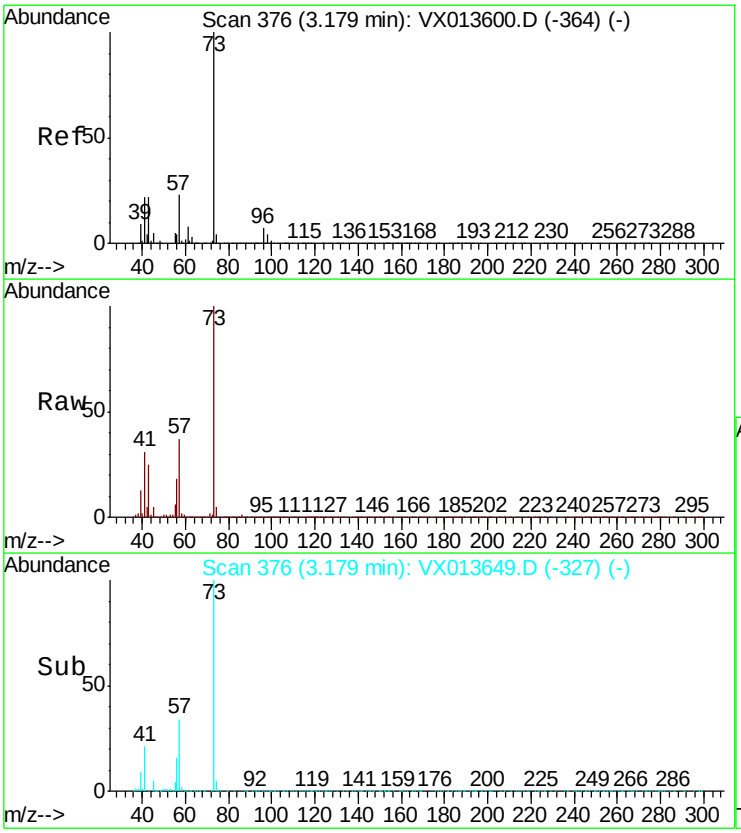
#16
Acetone
Concen: 3.841 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 43 Resp: 14730

Ion	Ratio	Lower	Upper
43	100		
58	24.4	24.6	36.8#

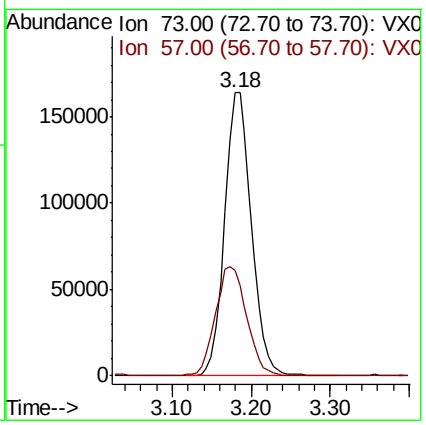


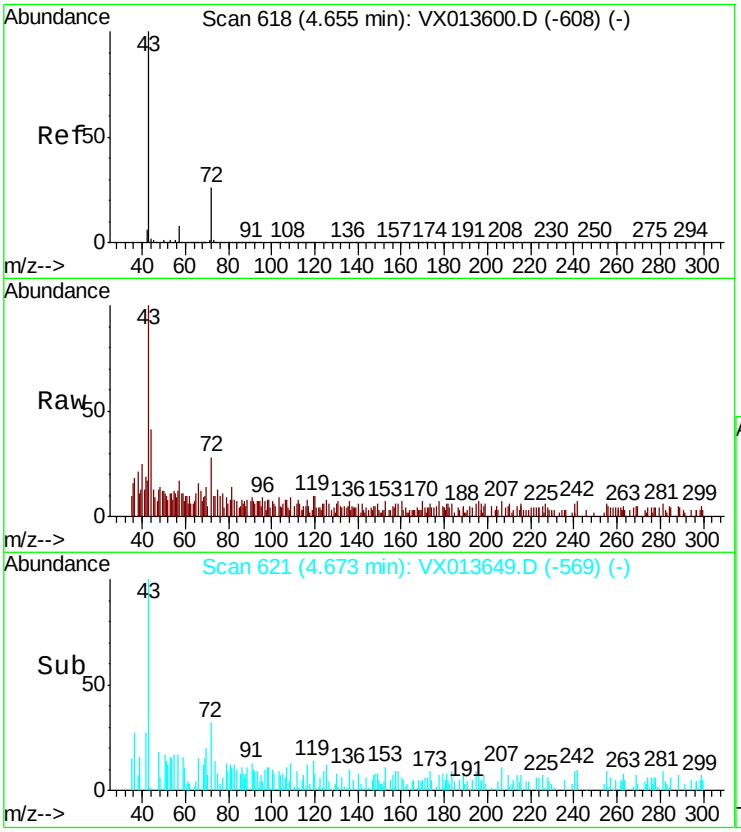


#19
Methyl tert-butyl Ether
Concen: 18.319 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Tgt Ion: 73 Resp: 386505

Ion	Ratio	Lower	Upper
73	100		
57	36.8	18.3	27.5#



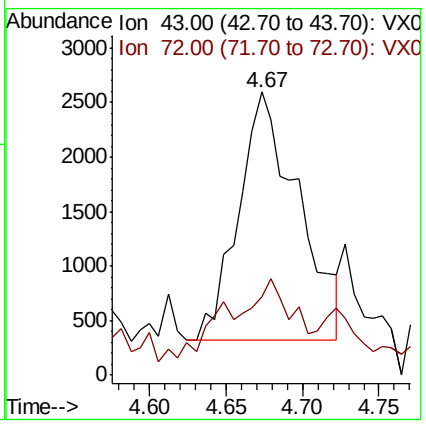


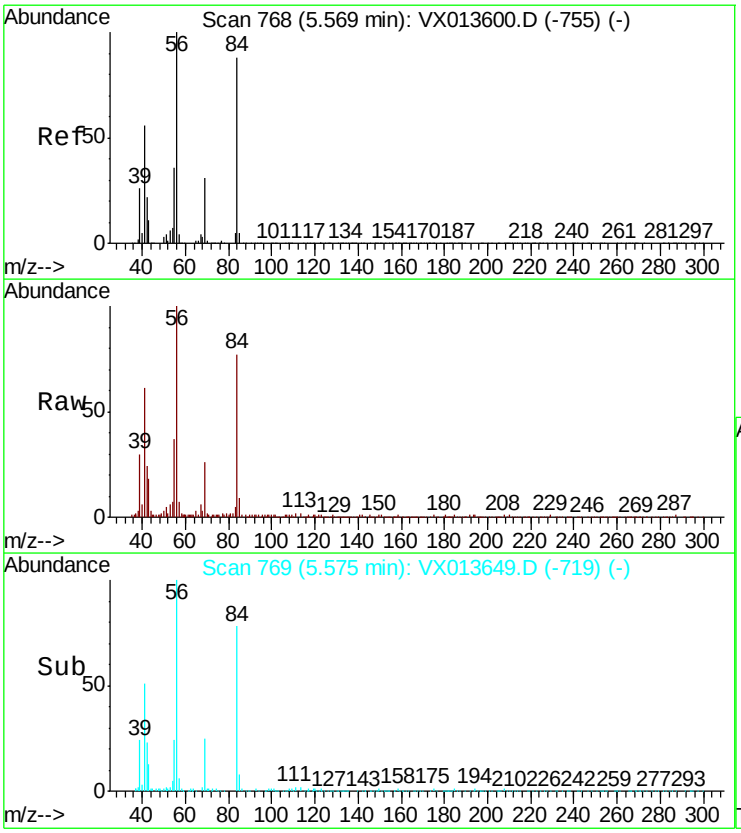
#25
2-Butanone
Concen: 1.080 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 43 Resp: 6154

Ion	Ratio	Lower	Upper
43	100		
72	18.5	20.6	31.0#

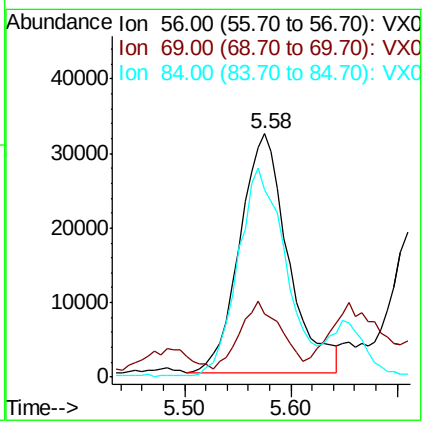


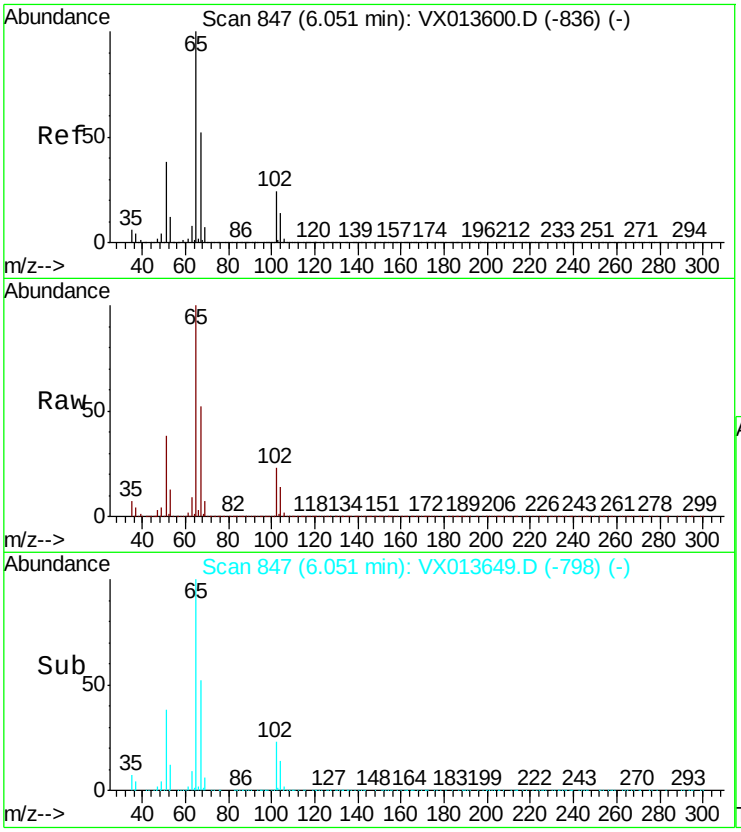


#31
Cyclohexane
Concen: 8.918 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Tgt Ion: 56 Resp: 102329

Ion	Ratio	Lower	Upper
56	100		
69	17.5	24.6	36.8#
84	77.6	70.0	105.0



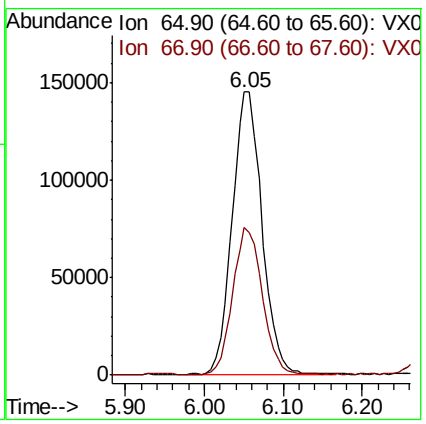


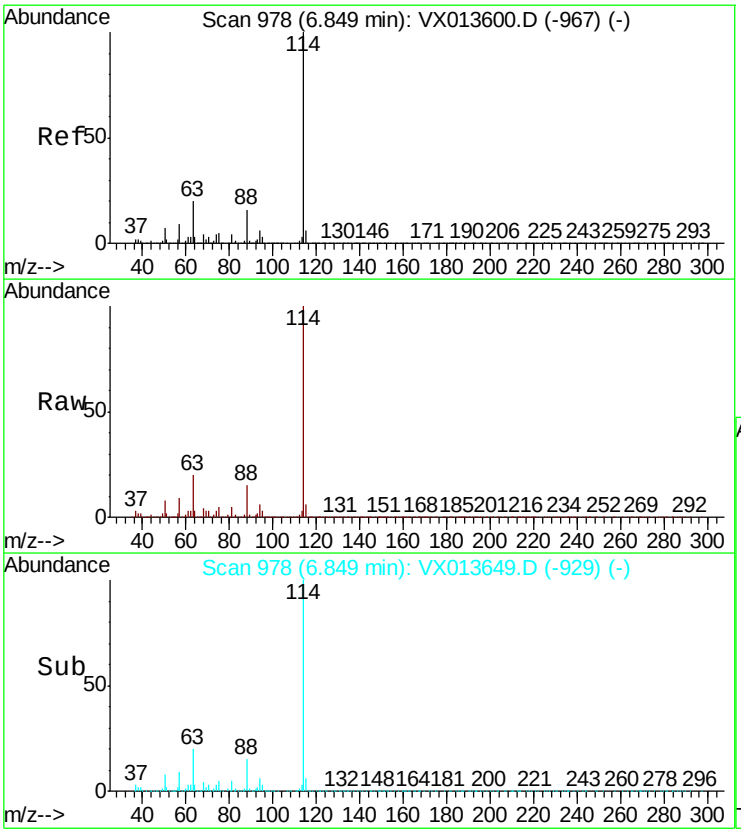
#33
1,2-Dichloroethane-d4
Concen: 49.168 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Instrument : MSVOA_X
ClientSampleId : MW-5

Tgt Ion: 65 Resp: 381943

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.4

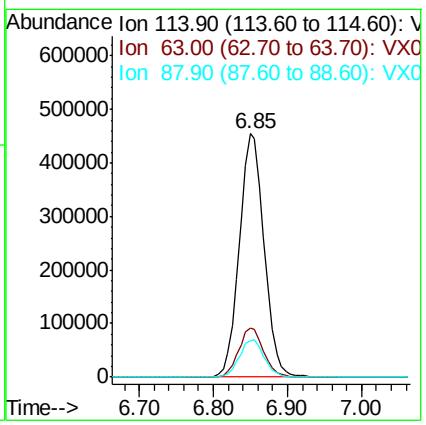


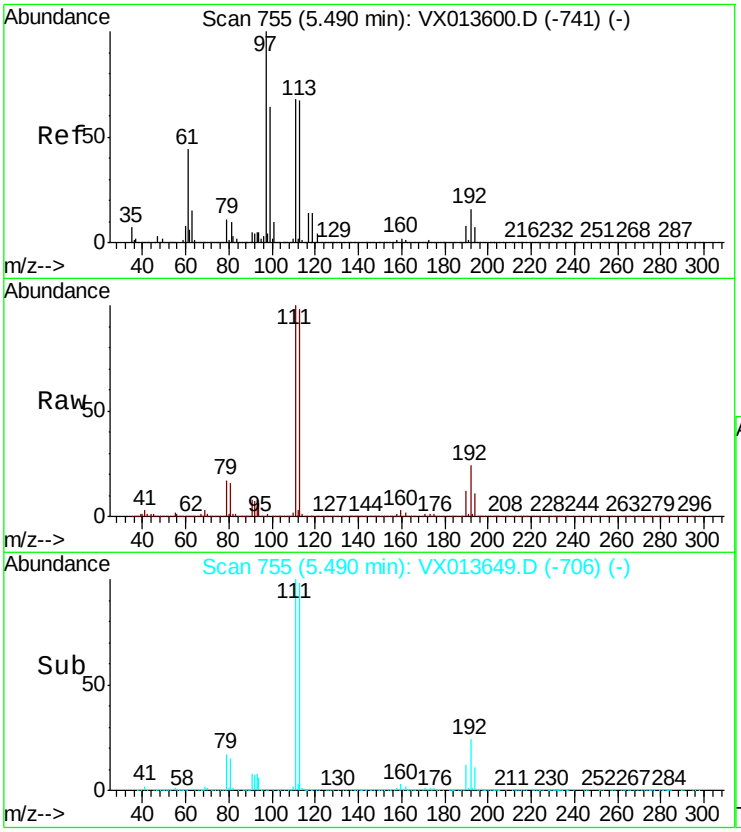


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Tgt Ion:114 Resp: 1061379

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.6
88	15.1	0.0	31.4



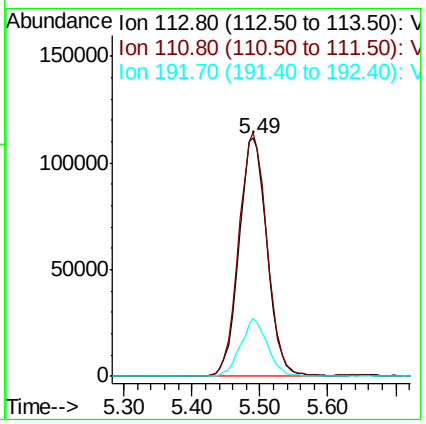


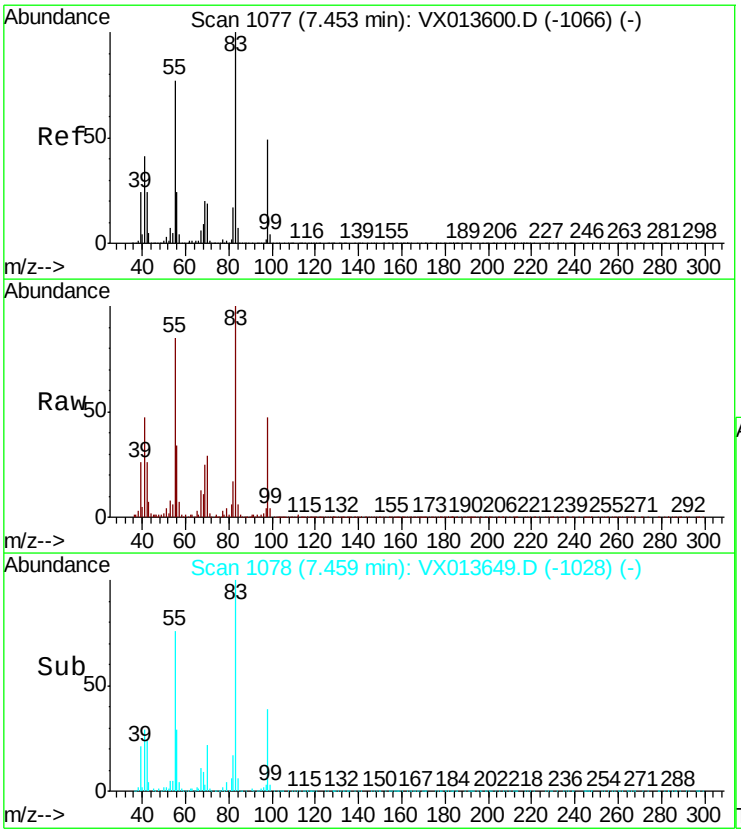
#35
Dibromofluoromethane
Concen: 48.723 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion:113 Resp: 319700

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.6	125.4
192	22.9	19.2	28.8

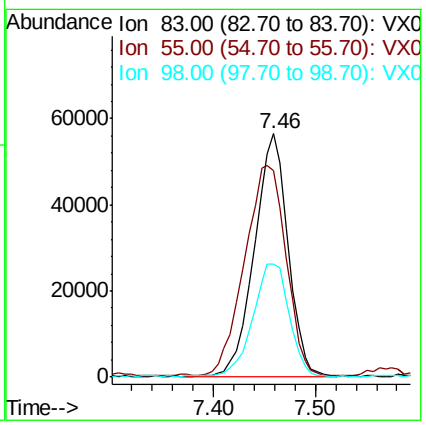


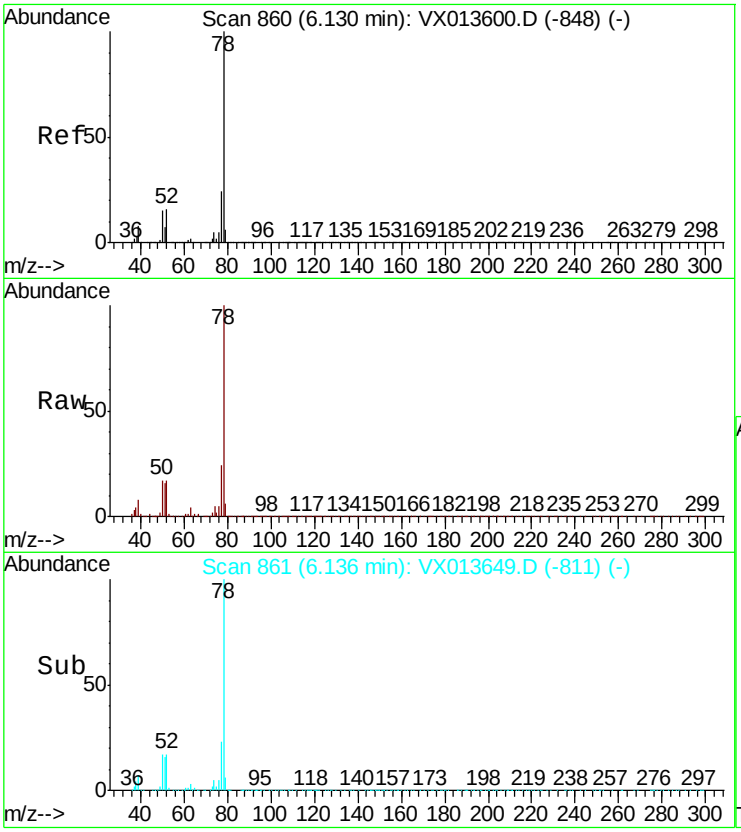


#39
Methylcyclohexane
Concen: 10.792 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Tgt Ion: 83 Resp: 128524

Ion	Ratio	Lower	Upper
83	100		
55	84.3	61.9	92.9
98	46.4	39.4	59.0



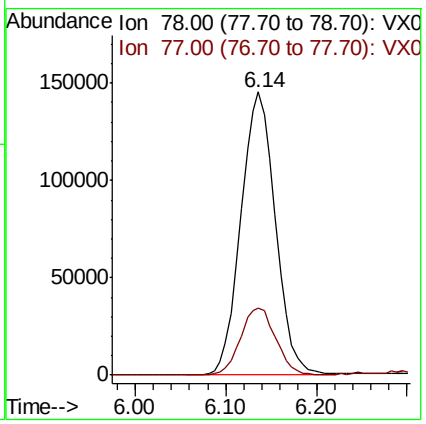


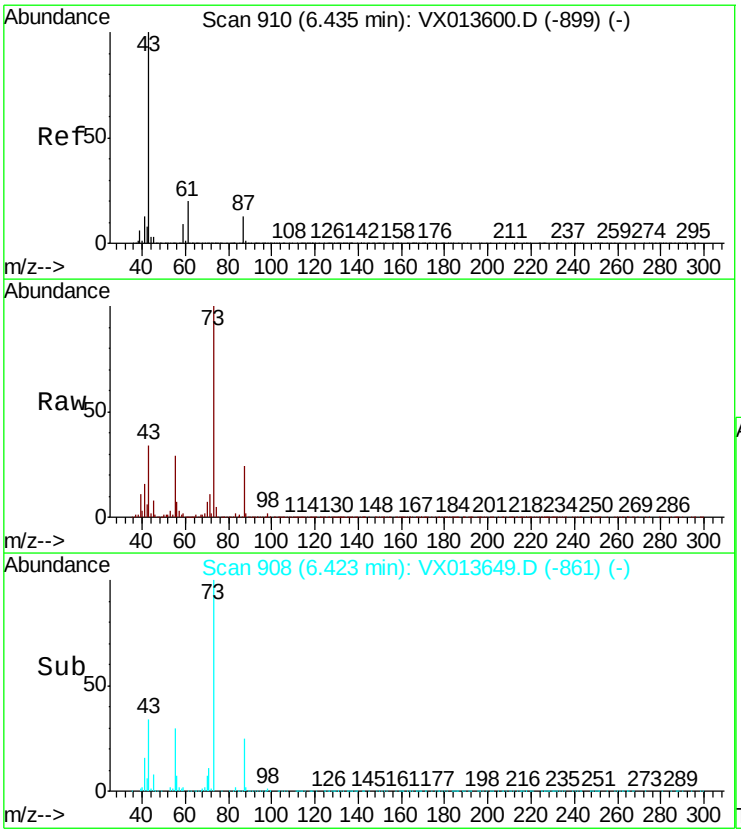
#40
Benzene
Concen: 13.005 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 78 Resp: 381625

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4

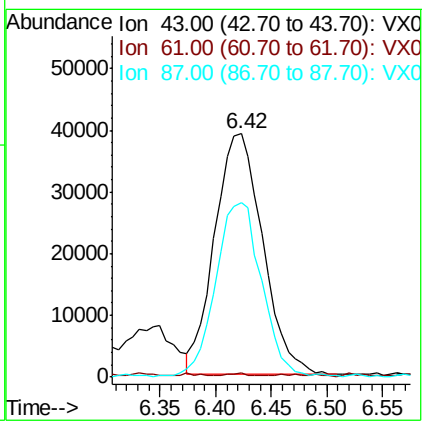


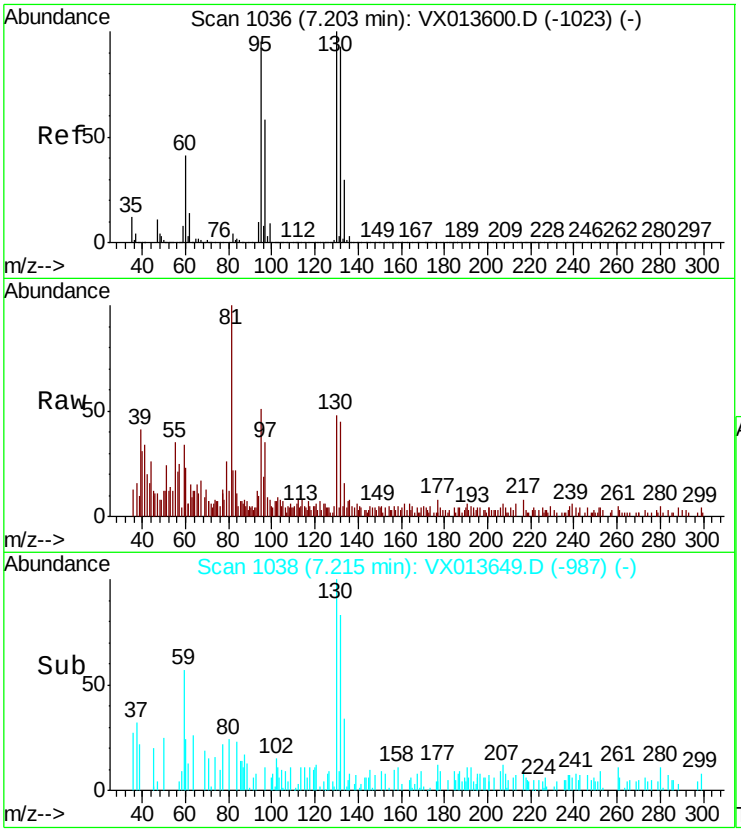


#43
Isopropyl Acetate
Concen: 6.564 ug/l
RT: 6.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Tgt Ion: 43 Resp: 116809

Ion	Ratio	Lower	Upper
43	100		
61	0.9	16.3	24.5#
87	68.6	10.8	16.2#



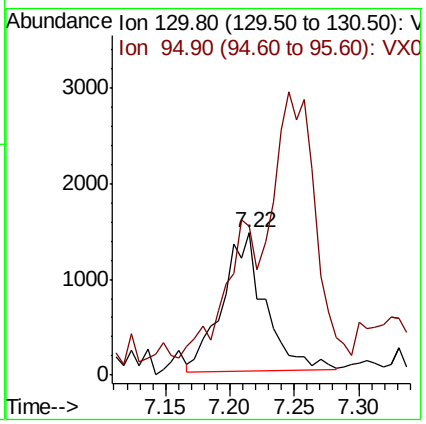


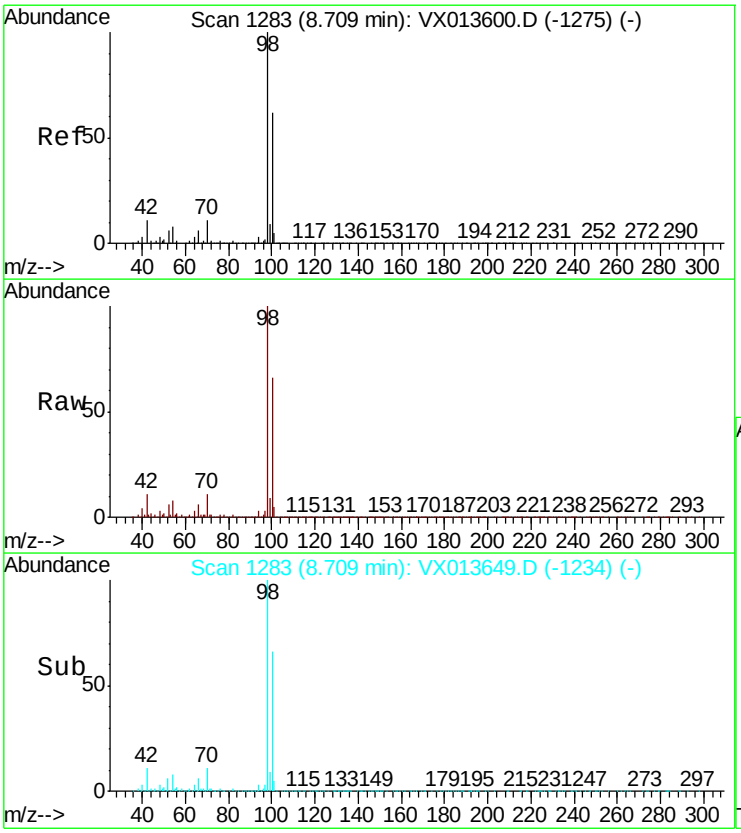
#44
Trichloroethene
Concen: 0.414 ug/l
RT: 7.22 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion:130 Resp: 3333

Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	190.8

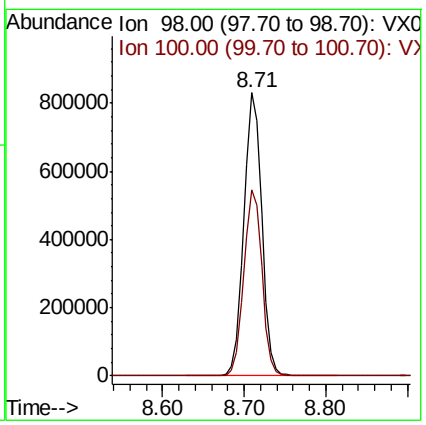


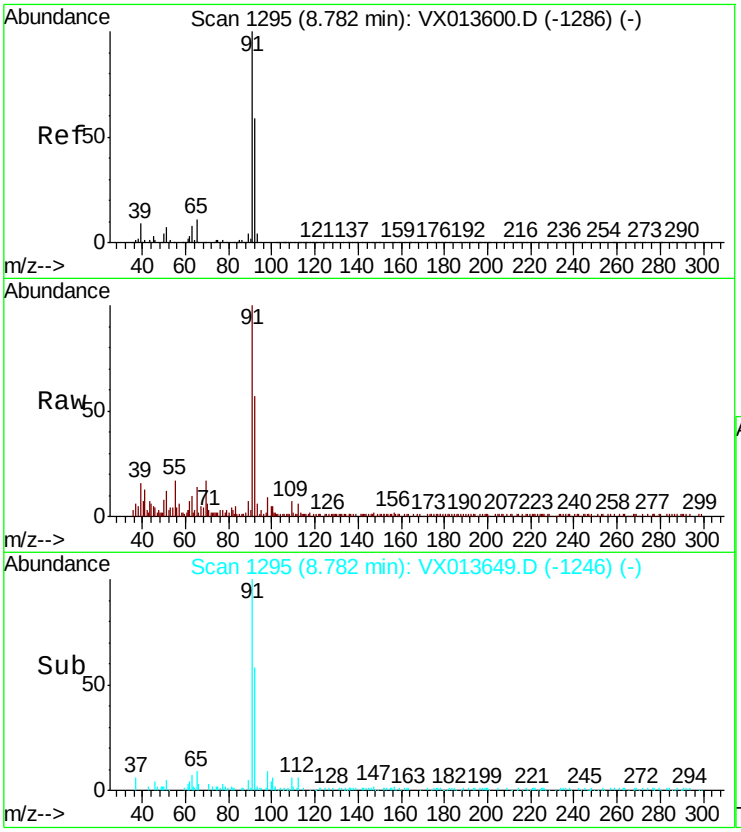


#50
Toluene-d8
Concen: 49.644 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Tgt Ion: 98 Resp: 1269122

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7



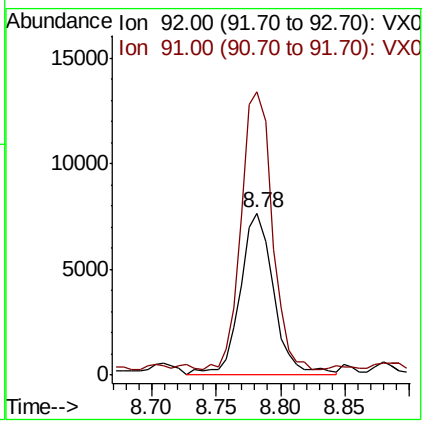


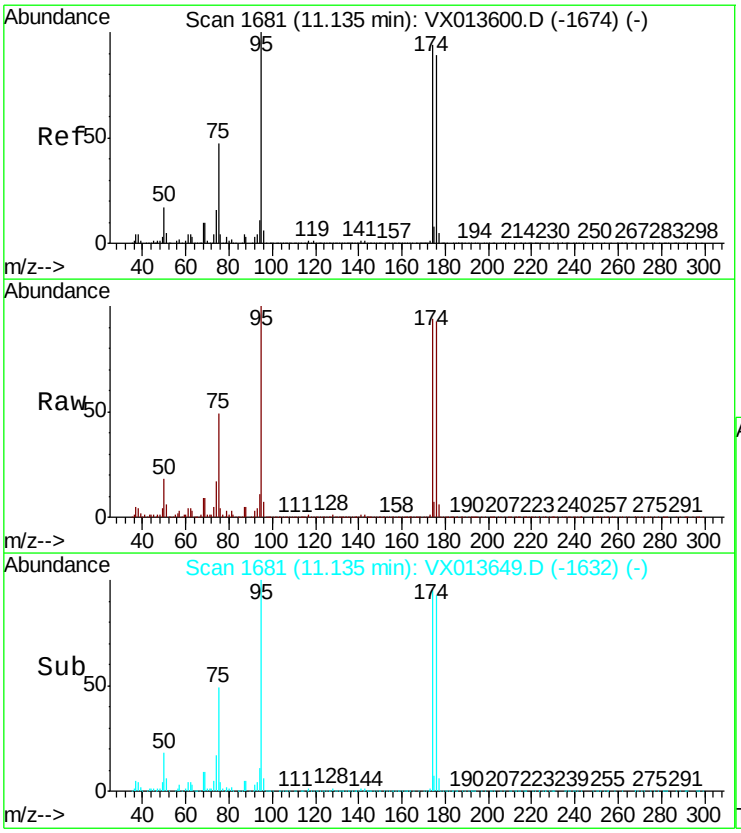
#52
Toluene
Concen: 0.757 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 92 Resp: 13801

Ion	Ratio	Lower	Upper
92	100		
91	157.3	136.2	204.2

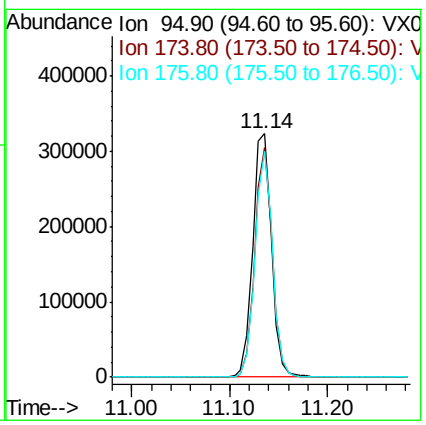


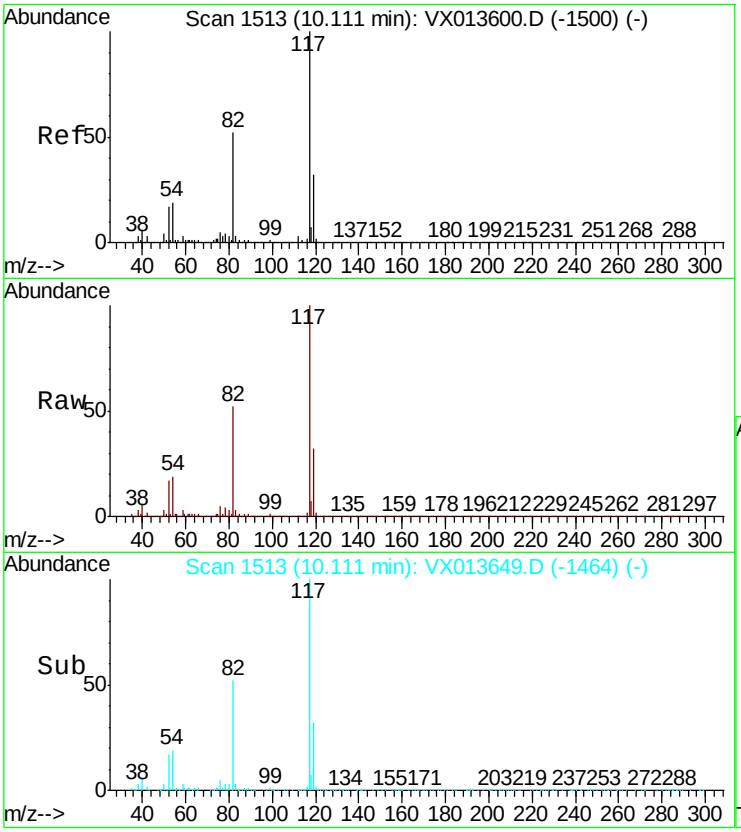


#62
4-Bromofluorobenzene
Concen: 46.660 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Tgt Ion: 95 Resp: 430147

Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	180.0
176	86.3	0.0	173.6



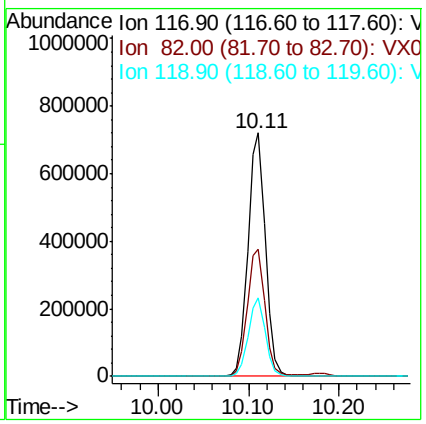


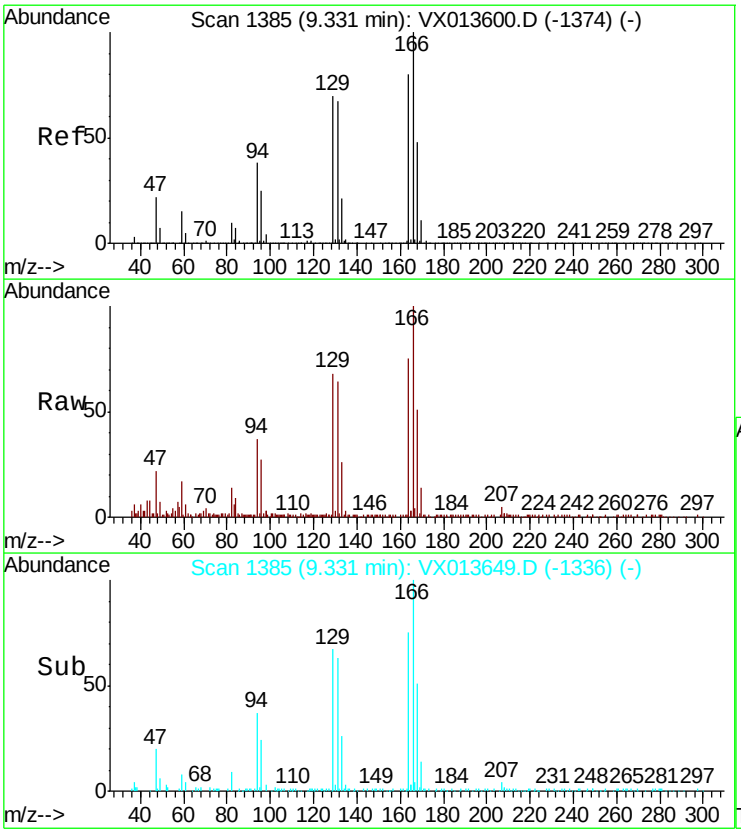
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion:117 Resp: 956369

Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.8	62.8
119	32.0	25.8	38.8

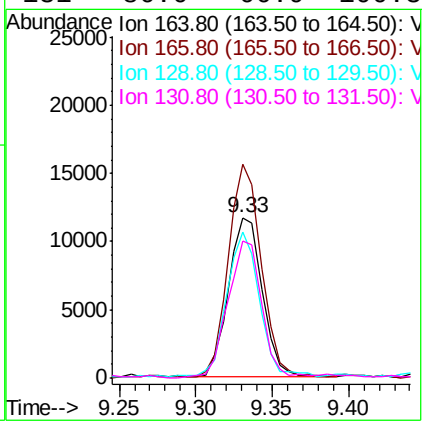


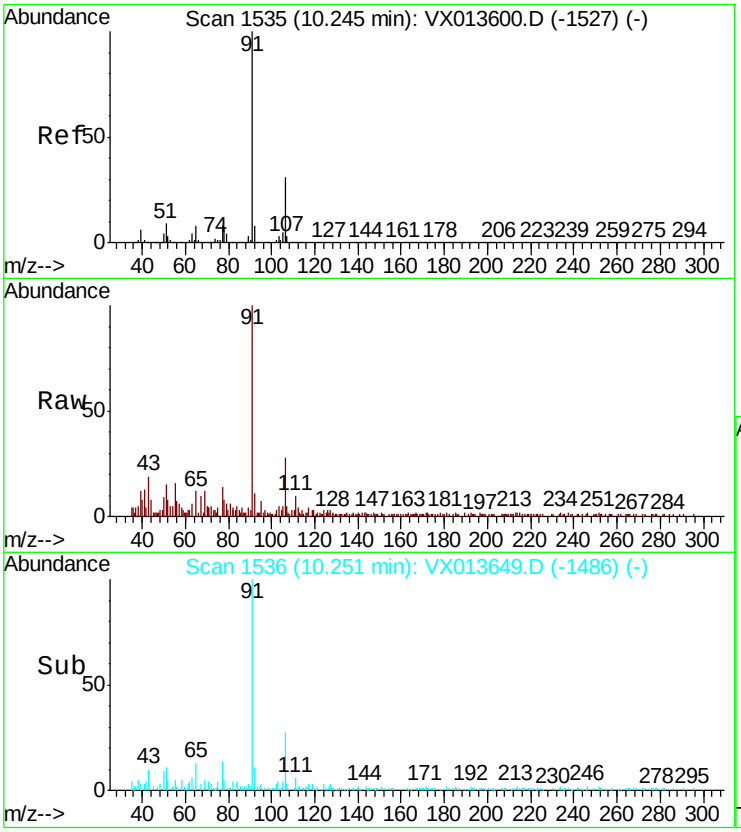


#64
Tetrachloroethene
Concen: 2.479 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Tgt Ion:164 Resp: 17678

Ion	Ratio	Lower	Upper
164	100		
166	134.1	99.7	149.5
129	90.0	70.1	105.1
131	86.0	66.9	100.3



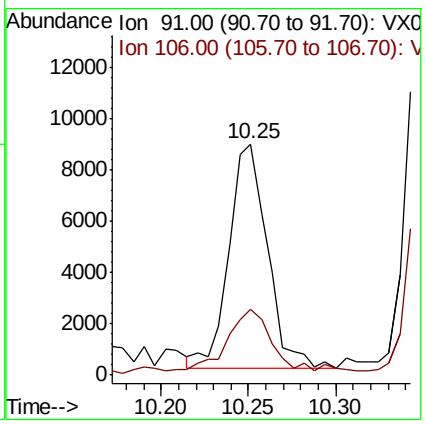


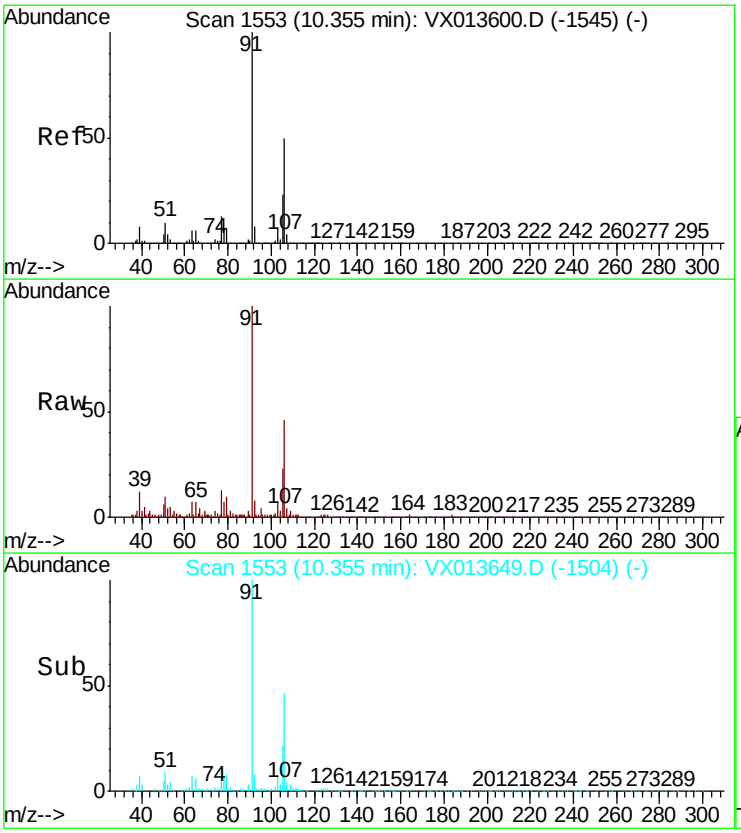
#67
Ethyl Benzene
Concen: 0.395 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Instrument : MSVOA_X
ClientSampleId : MW-5

Tgt Ion: 91 Resp: 13480

Ion	Ratio	Lower	Upper
91	100		
106	26.6	24.5	36.7

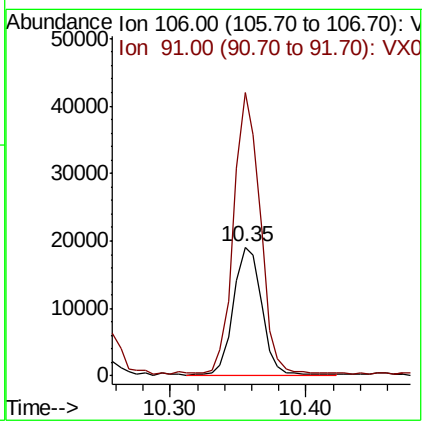


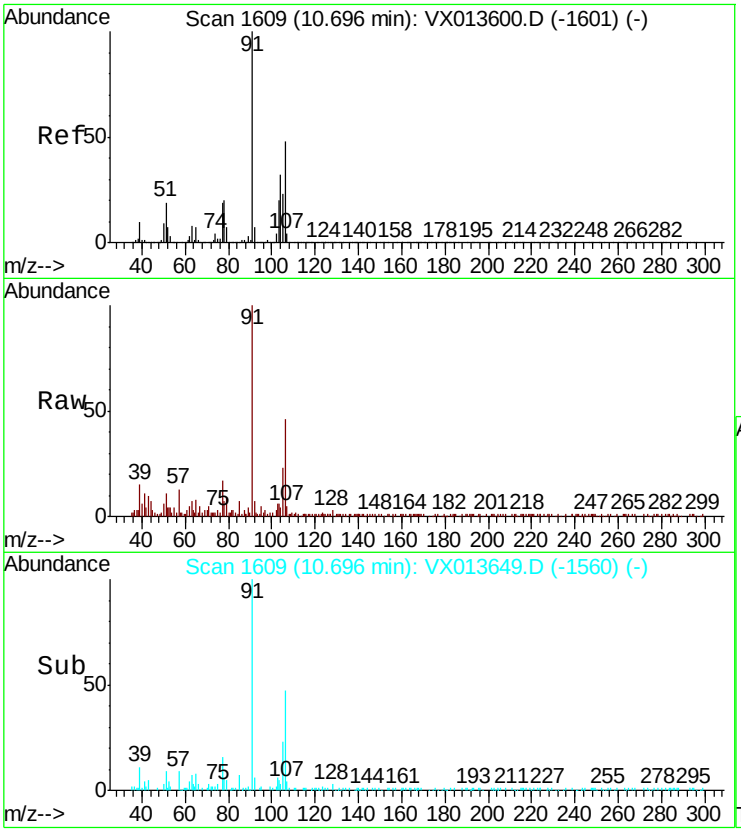


#68
m/p-Xylenes
Concen: 2.130 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Tgt Ion:106 Resp: 27825

Ion	Ratio	Lower	Upper
106	100		
91	206.0	159.0	238.4



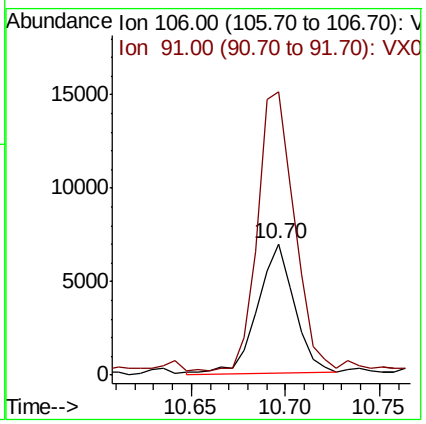


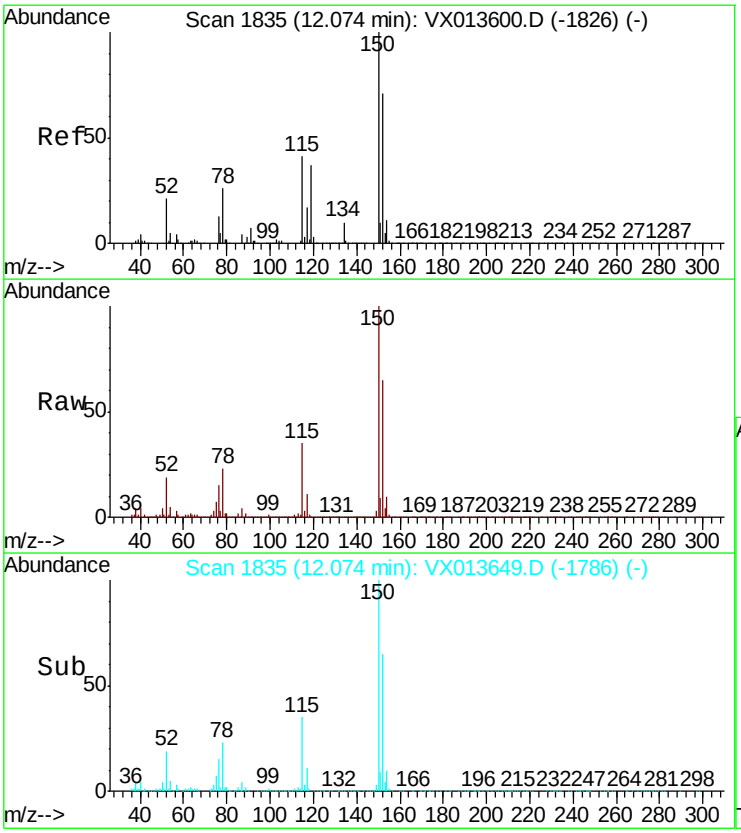
#69
o-Xylene
Concen: 0.735 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Instrument : MSVOA_X
ClientSampleId : MW-5

Tgt Ion:106 Resp: 9364

Ion	Ratio	Lower	Upper
106	100		
91	222.0	104.1	312.2

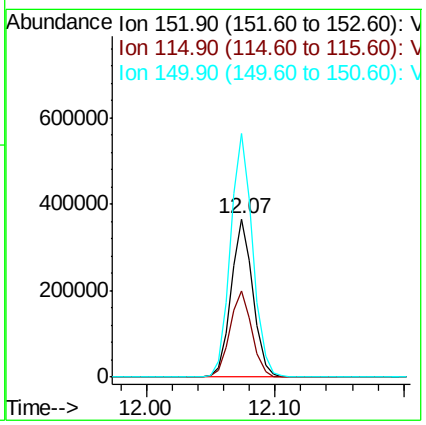


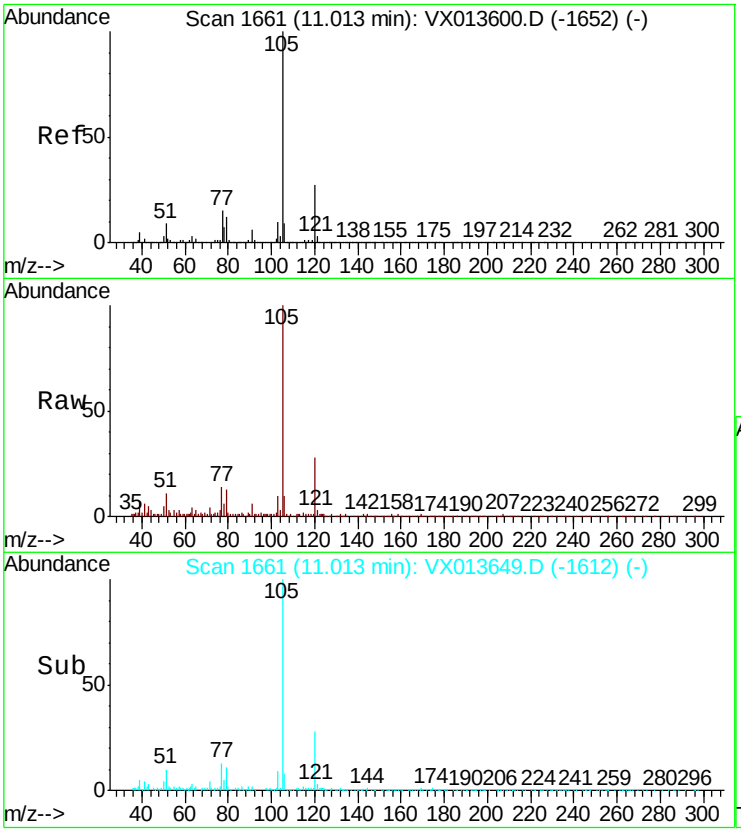


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Tgt Ion:152 Resp: 431069

Ion	Ratio	Lower	Upper
152	100		
115	55.1	38.4	115.1
150	156.6	0.0	346.8



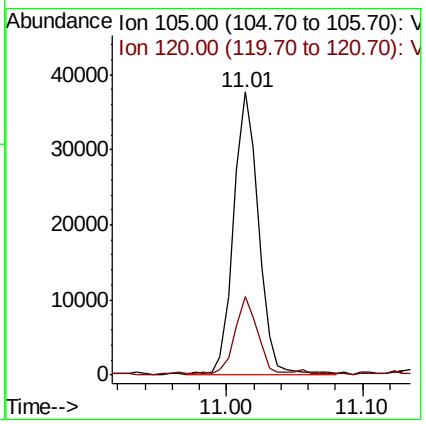


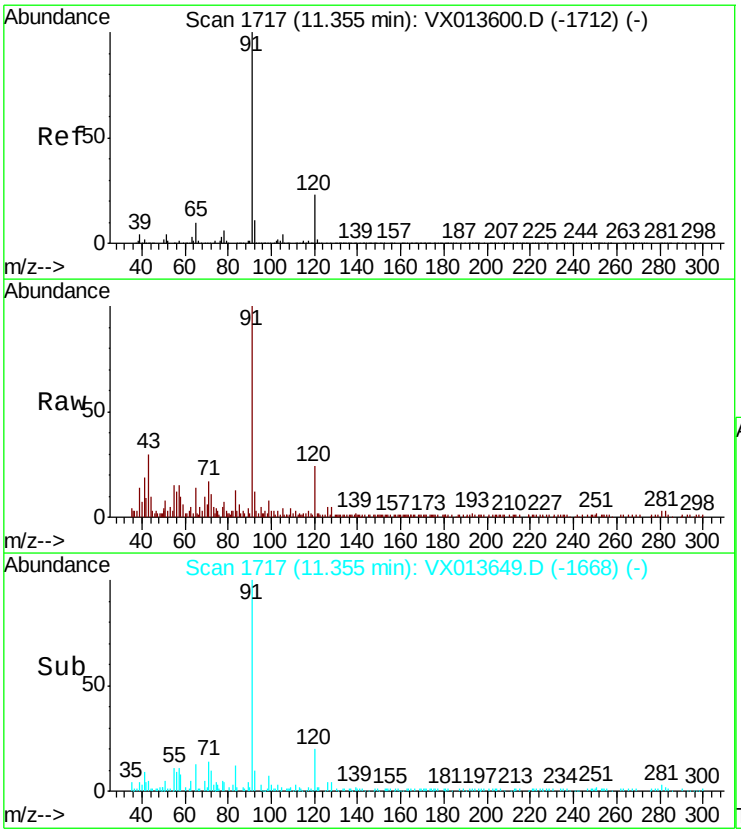
#73
Isopropylbenzene
Concen: 1.586 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion:105 Resp: 47961

Ion	Ratio	Lower	Upper
105	100		
120	24.1	13.5	40.5

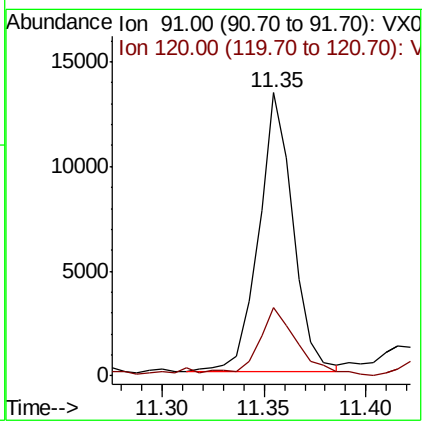


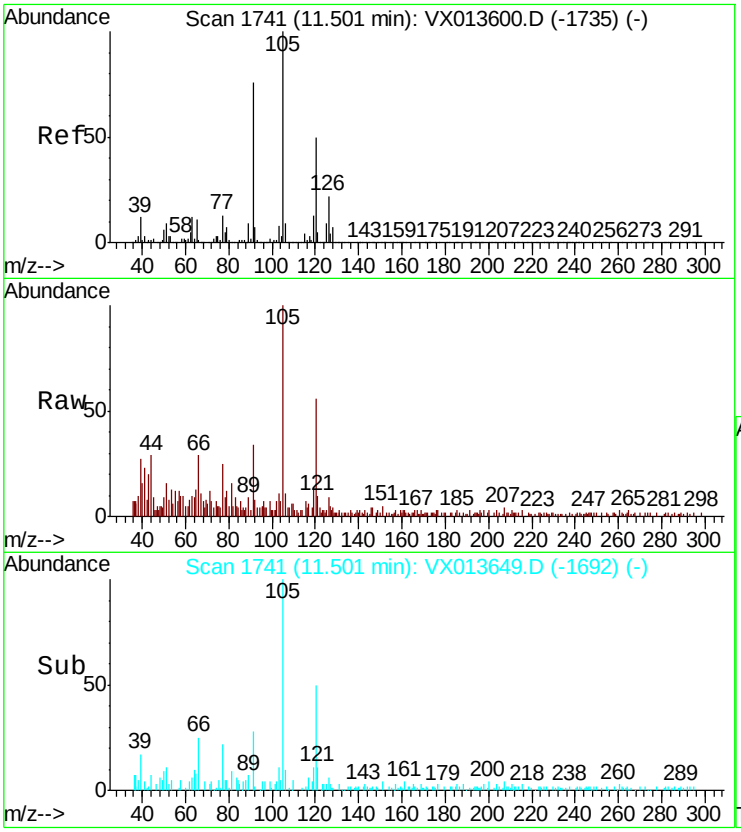


#78
n-propylbenzene
Concen: 0.462 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Tgt Ion: 91 Resp: 15582

Ion	Ratio	Lower	Upper
91	100		
120	27.6	11.8	35.3



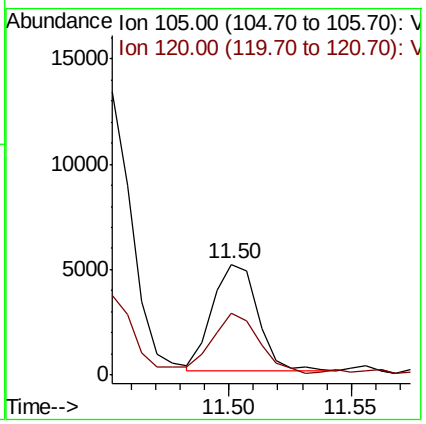


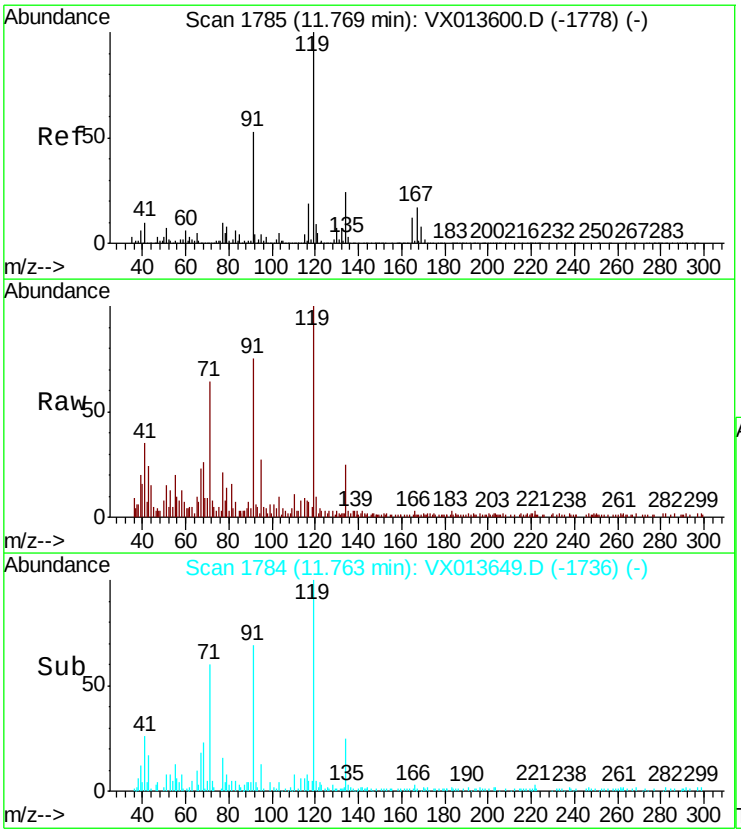
#80
1,3,5-Trimethylbenzene
Concen: 0.262 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion:105 Resp: 6493

Ion	Ratio	Lower	Upper
105	100		
120	59.2	25.3	75.9

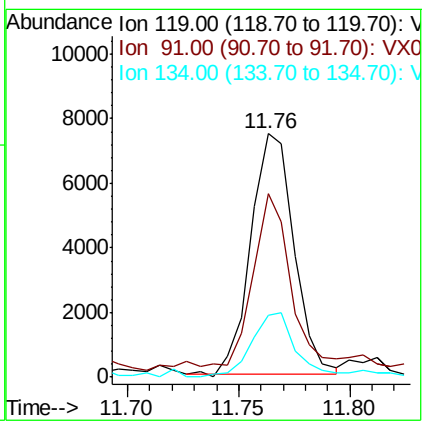


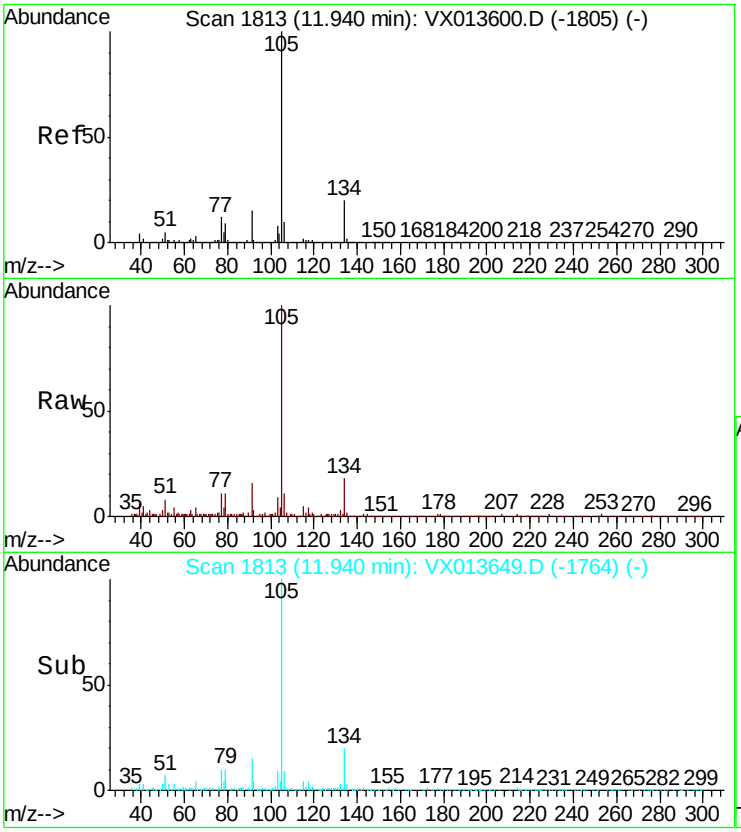


#83
tert-Butylbenzene
Concen: 0.395 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Tgt Ion:119 Resp: 9950

Ion	Ratio	Lower	Upper
119	100		
91	65.8	27.2	81.6
134	27.6	11.7	35.1



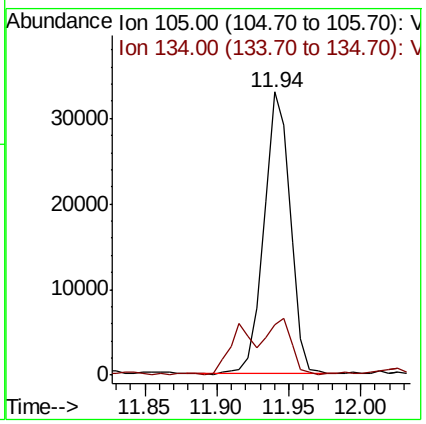


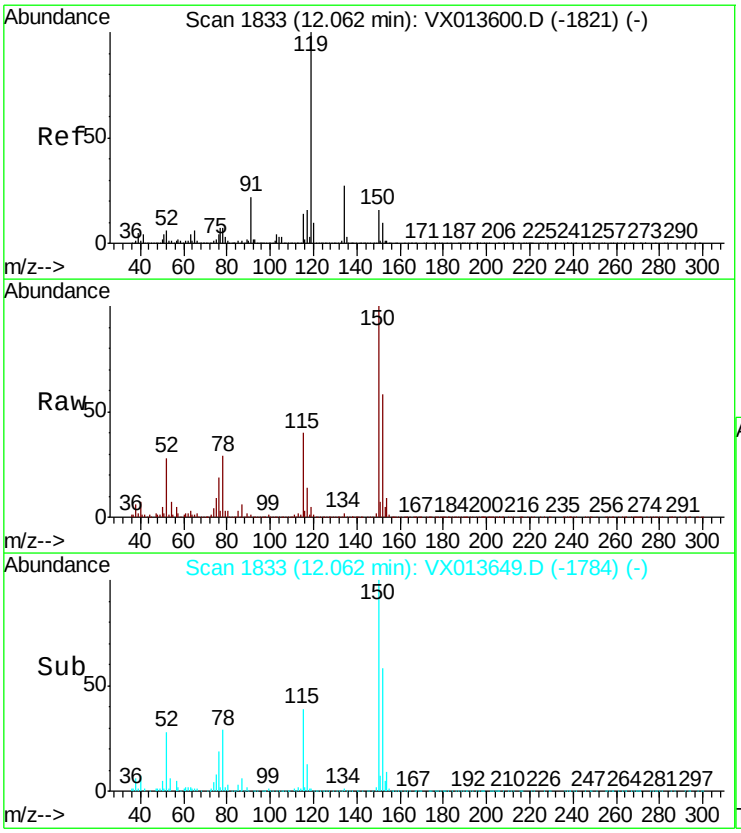
#85
sec-Butylbenzene
Concen: 1.434 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Instrument : MSVOA_X
ClientSampleId : MW-5

Tgt Ion:105 Resp: 41244

Ion	Ratio	Lower	Upper
105	100		
134	19.5	10.4	31.2

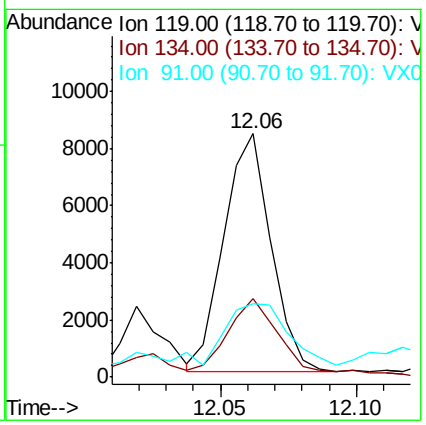


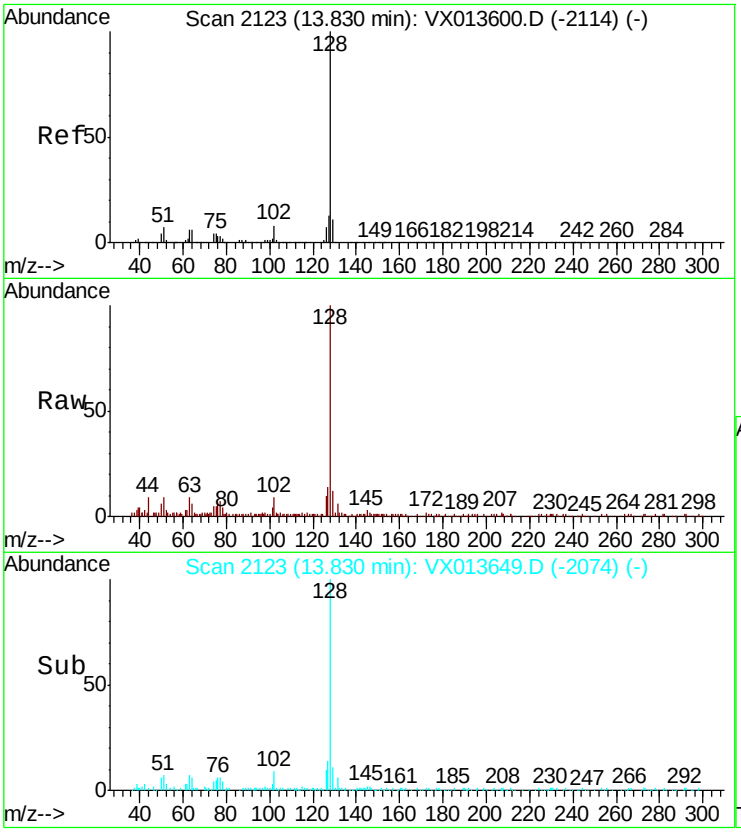


#86
p-Isopropyltoluene
Concen: 0.376 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Tgt Ion:119 Resp: 10075

Ion	Ratio	Lower	Upper
119	100		
134	39.4	13.3	39.9
91	0.0	11.3	33.8#





#95
Naphthalene
Concen: 0.943 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013649.D
Acq: 27 Nov 2019 13:50

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion:128 Resp: 27534

Ion	Ratio	Lower	Upper
128	100		
127	17.6	10.3	15.5#
129	19.1	8.7	13.1#