Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010920\
Data File : VX014493.D
Acq On : 09 Jan 2020 12:53
Operator : JC/SP
Sample : L1044-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 001-WILLETS-PT-BLVD-(JAN)

Quant Time: Jan 09 15:22:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.01	128	79215	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.85	114	438700	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.11	117	392338	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.05	65	168792	29.75	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.17%				
60) 4-Bromofluorobenzene	11.13	95	181900	28.71	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 95.70%				
63) Toluene-d8	8.71	98	522643	29.80	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.33%				
Target Compounds							Qvalue
12) Methyl Acetate	2.76	43	18341	2.671	ug/l		93
15) Acetone	2.43	58	1037476	1315.553	ug/l		92
30) 2-Butanone	4.66	43	31519	8.439	ug/l	#	77
58) 4-Methyl-2-Pentanone	8.63	43	17066	2.325	ug/l		97
62) Toluene	8.78	91	147724	7.079	ug/l		98
80) 1,2,4-Trimethylbenzene	11.81	105	6705	0.354	ug/l		50

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

Quantitation Report (QT Reviewed)

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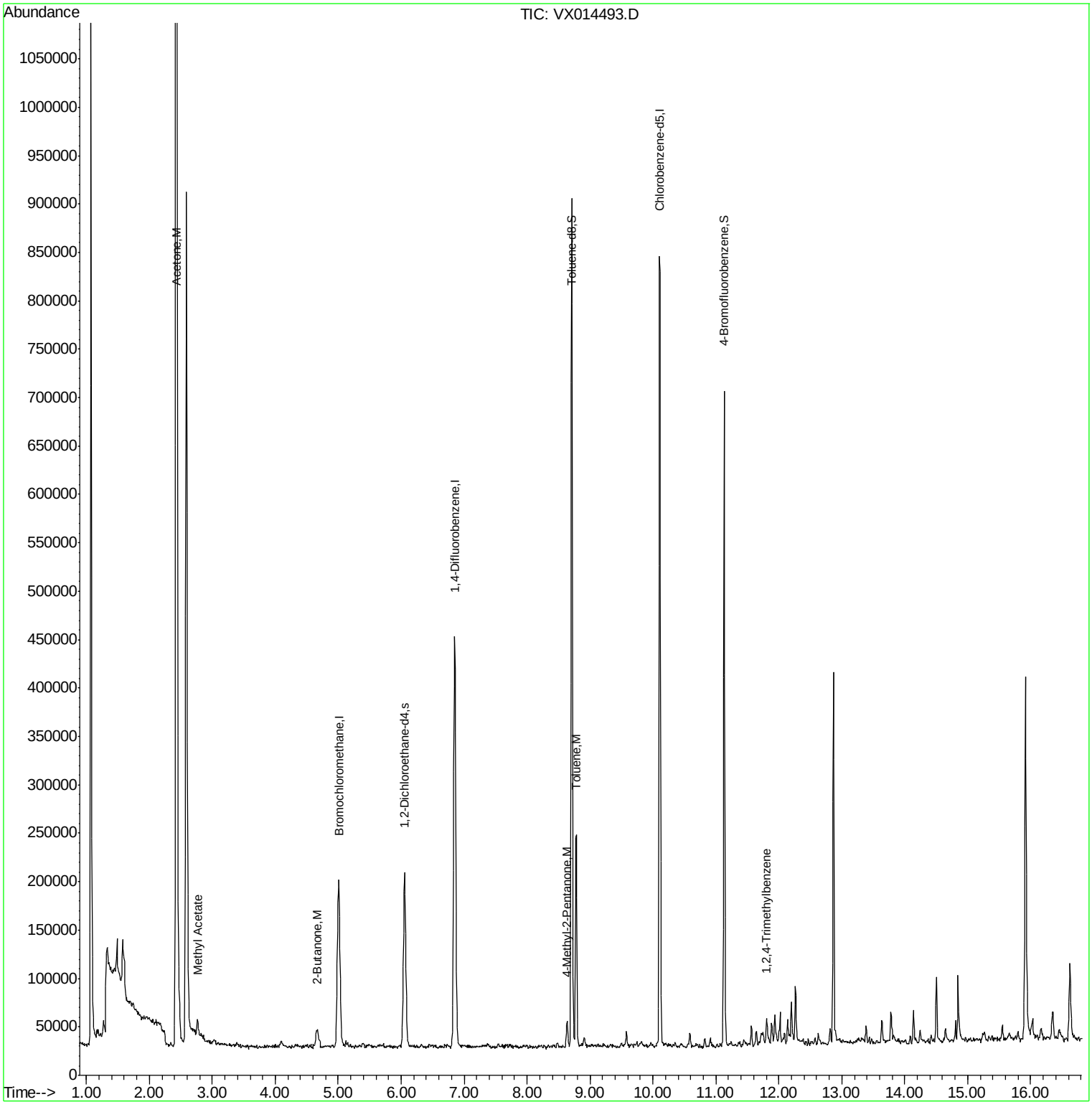
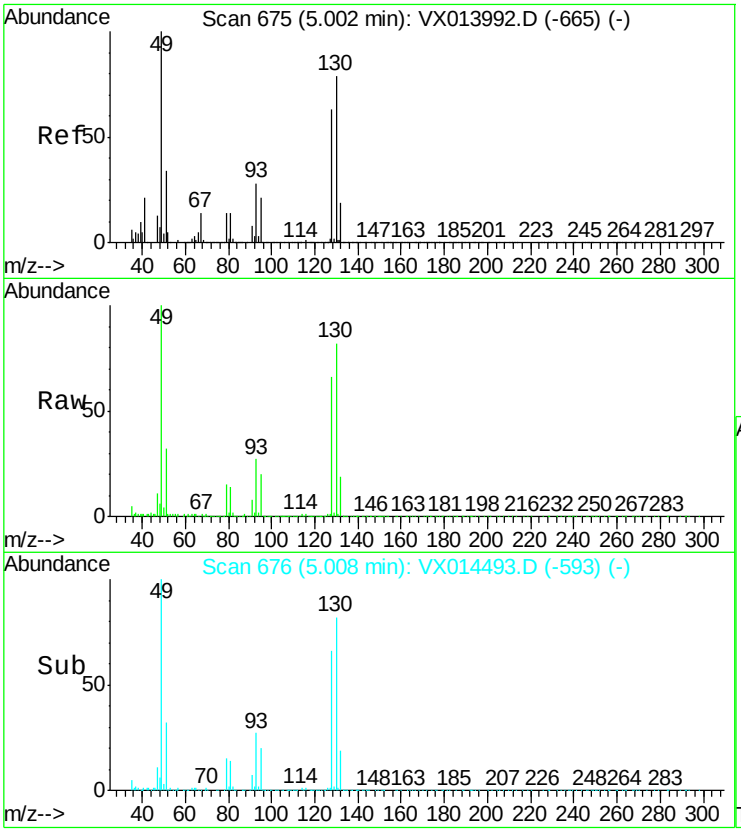
Acq On : 09 Jan 2020 12:53
Operator : JC/SP
Sample : L1044-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD-(JAN)

Quant Time: Jan 09 15:22:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration



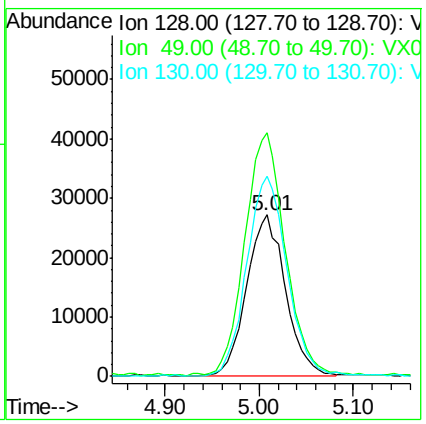


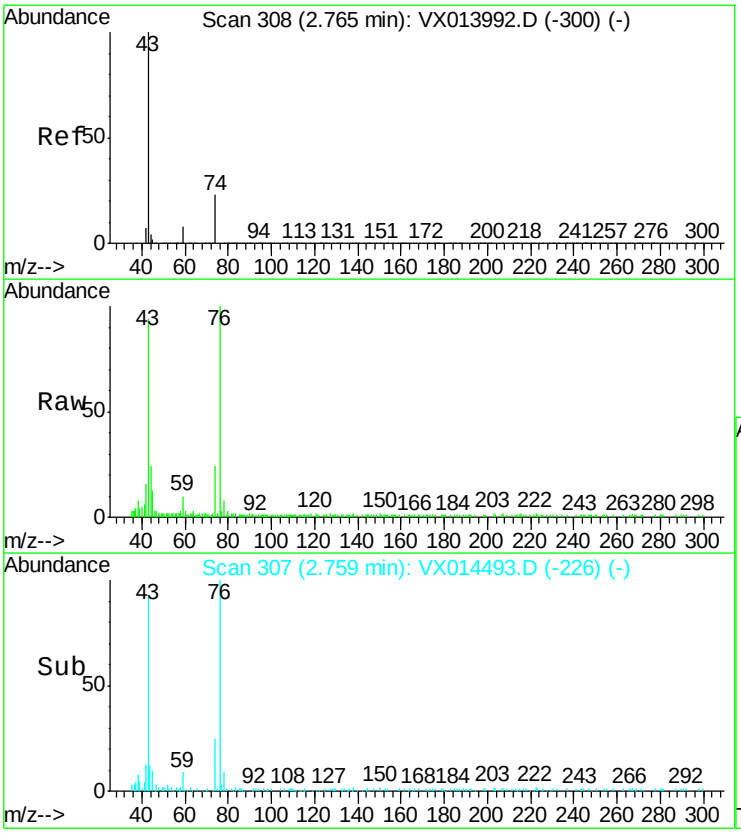
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014493.D
Acq: 09 Jan 2020 12:53

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD-(JAN)

Tgt Ion:128 Resp: 79215

Ion	Ratio	Lower	Upper
128	100		
49	155.1	0.0	405.0
130	127.4	0.0	321.5

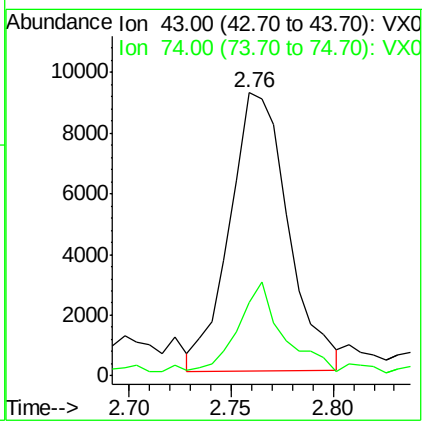


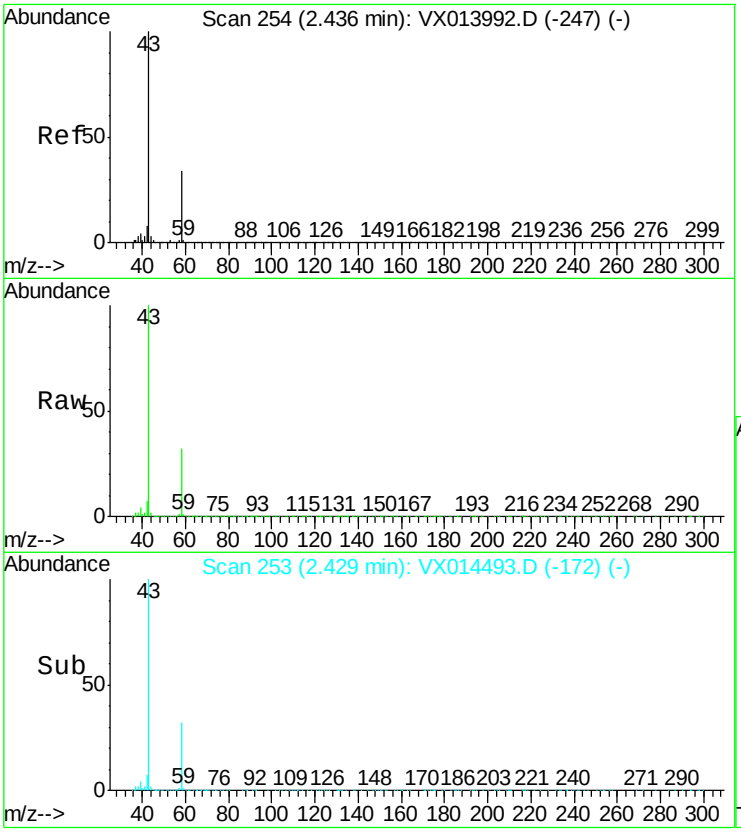


#12
Methyl Acetate
Concen: 2.671 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014493.D
Acq: 09 Jan 2020 12:53

Tgt Ion: 43 Resp: 18341

Ion	Ratio	Lower	Upper
43	100		
74	26.5	18.5	27.7



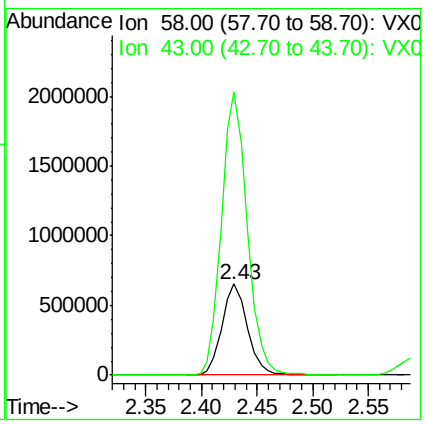


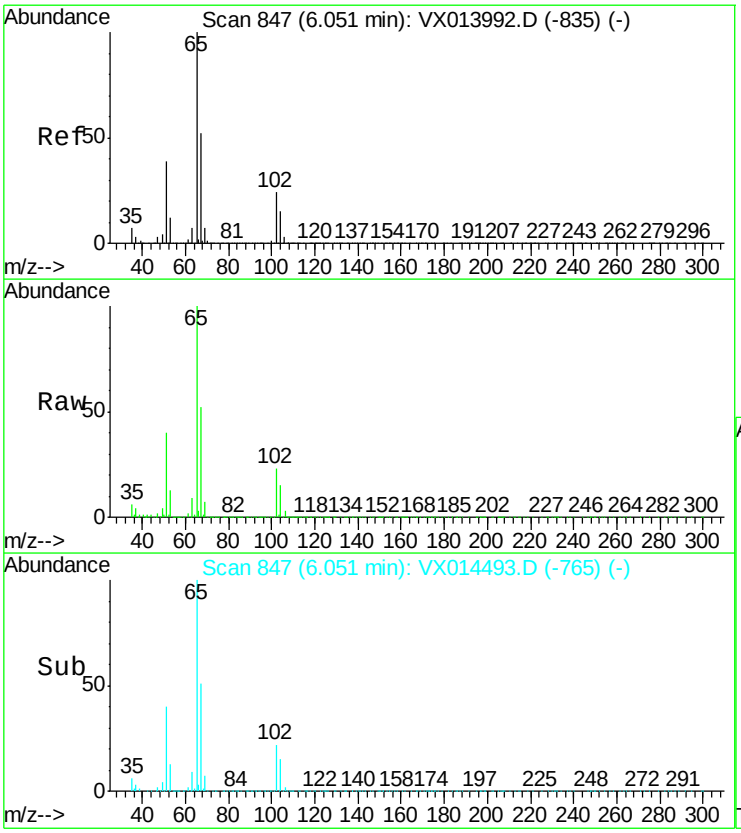
#15
Acetone
Concen: 1315.553 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014493.D
Acq: 09 Jan 2020 12:53

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD-(JAN)

Tgt Ion: 58 Resp: 1037476

Ion	Ratio	Lower	Upper
58	100		
43	311.2	236.3	354.5

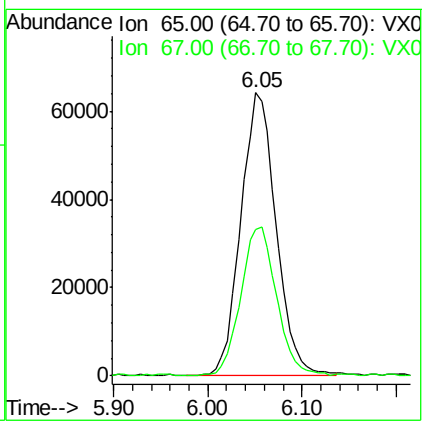


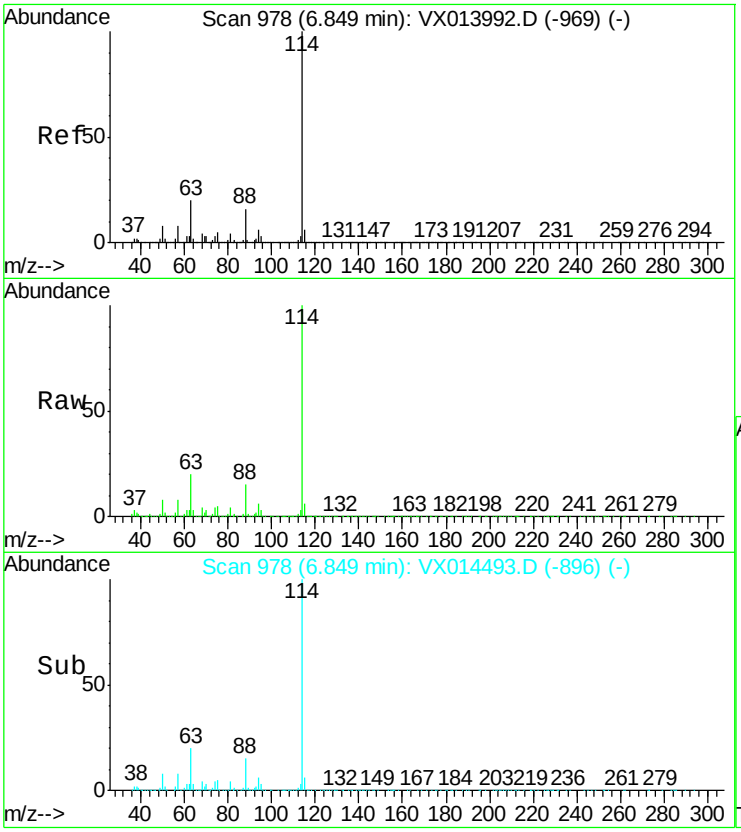


#27
1,2-Dichloroethane-d4
Concen: 29.753 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX014493.D
Acq: 09 Jan 2020 12:53

Tgt Ion: 65 Resp: 168792

Ion	Ratio	Lower	Upper
65	100		
67	52.9	43.1	64.7



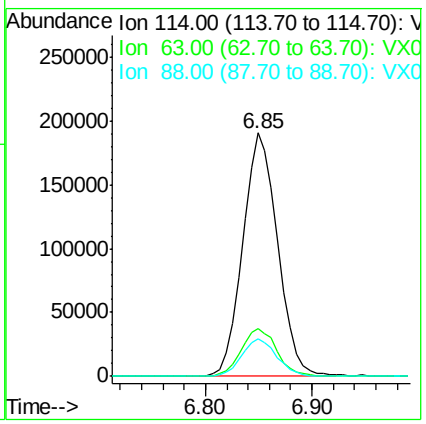


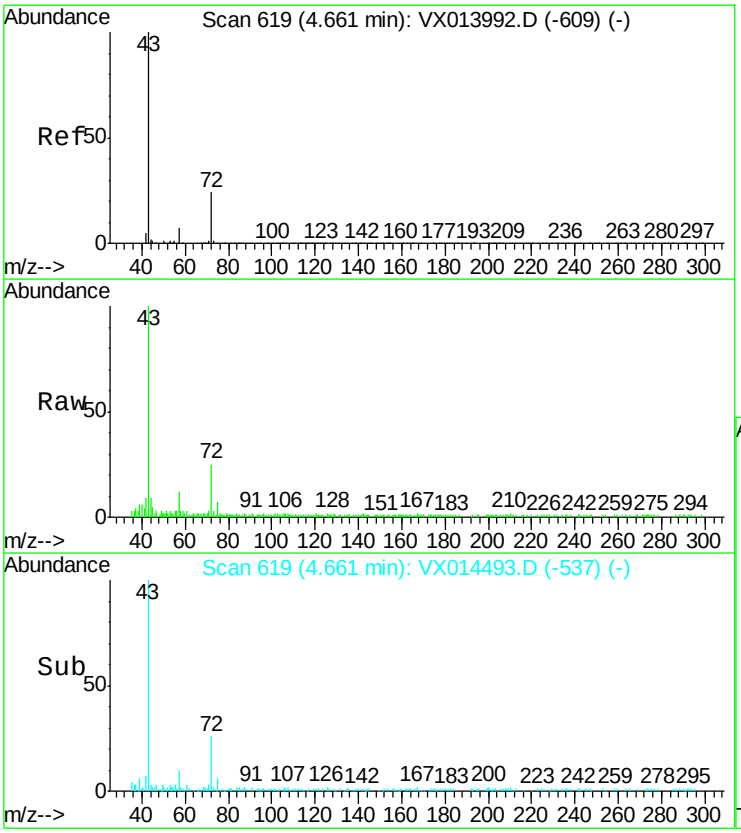
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014493.D
Acq: 09 Jan 2020 12:53

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD-(JAN)

Tgt Ion:114 Resp: 438700

Ion	Ratio	Lower	Upper
114	100		
63	19.7	16.1	24.1
88	15.6	12.5	18.7

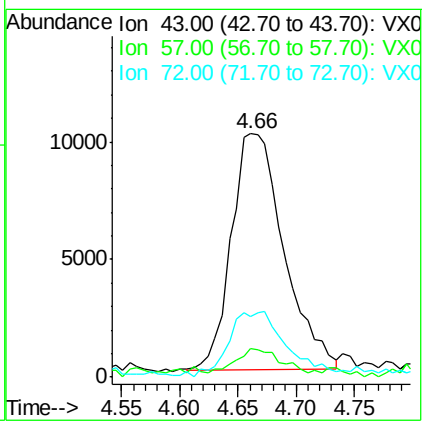


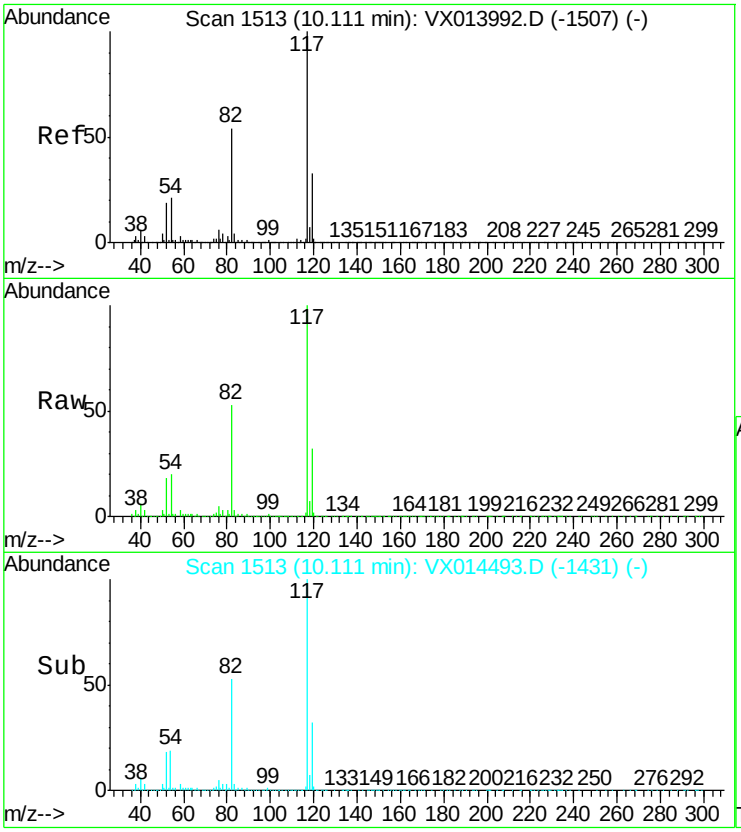


#30
2-Butanone
Concen: 8.439 ug/l
RT: 4.66 min Scan# 619
Delta R.T. -0.00 min
Lab File: VX014493.D
Acq: 09 Jan 2020 12:53

Tgt Ion: 43 Resp: 31519

Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.2	9.2
72	10.4	20.3	30.5#



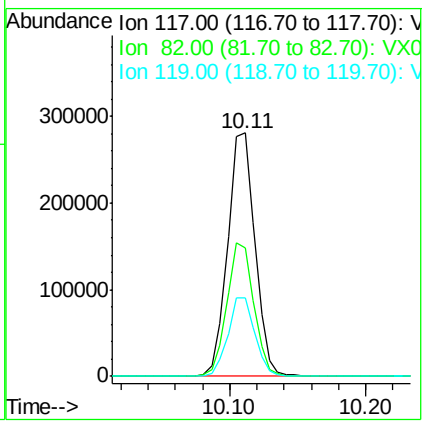


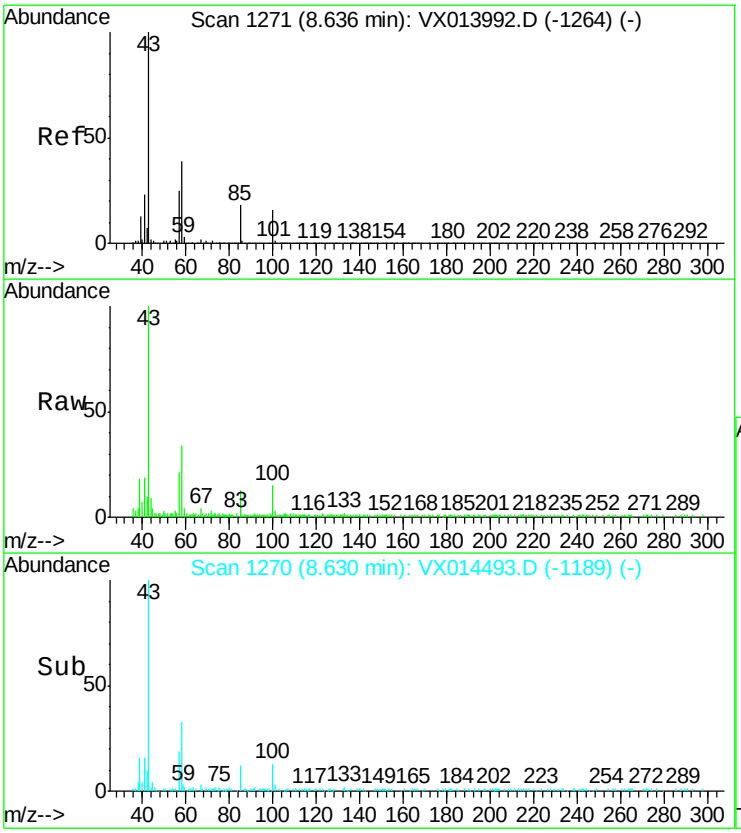
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014493.D
Acq: 09 Jan 2020 12:53

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD-(JAN)

Tgt Ion:117 Resp: 392338

Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.6
119	32.0	25.8	38.6

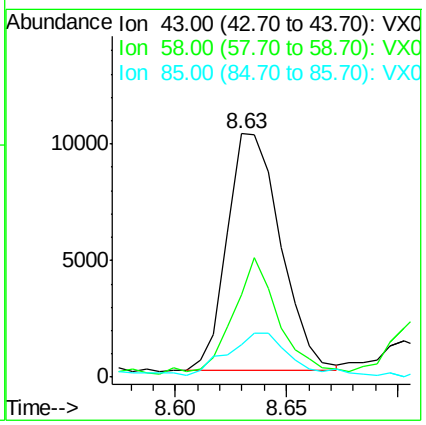


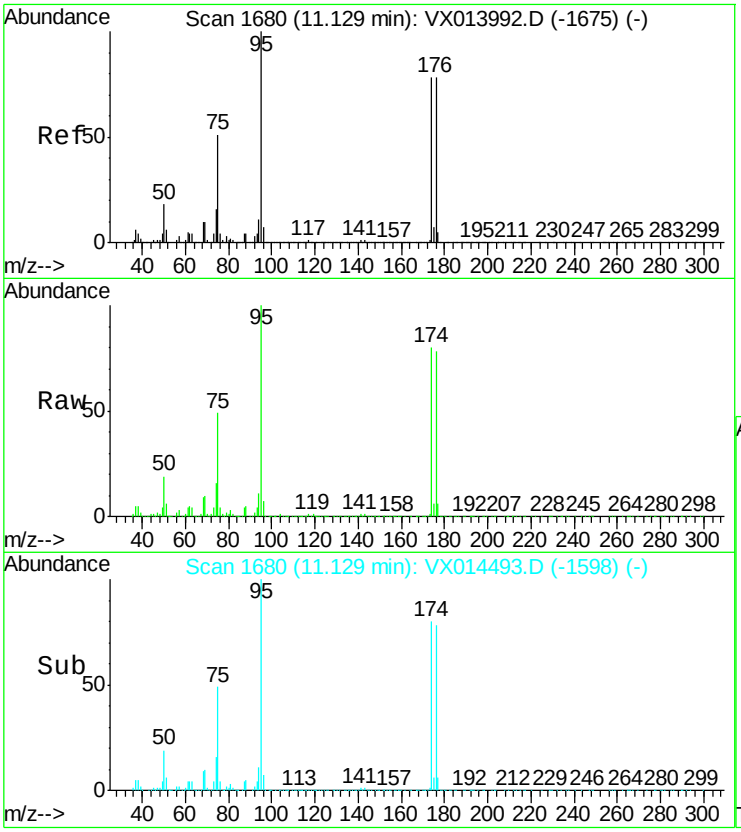


#58
4-Methyl-2-Pentanone
Concen: 2.325 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014493.D
Acq: 09 Jan 2020 12:53

Tgt Ion: 43 Resp: 17066

Ion	Ratio	Lower	Upper
43	100		
58	40.3	31.2	46.8
85	19.6	14.2	21.2



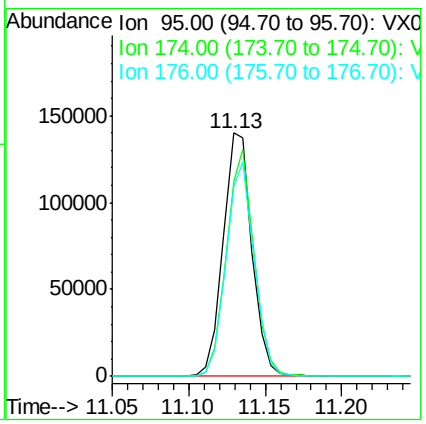


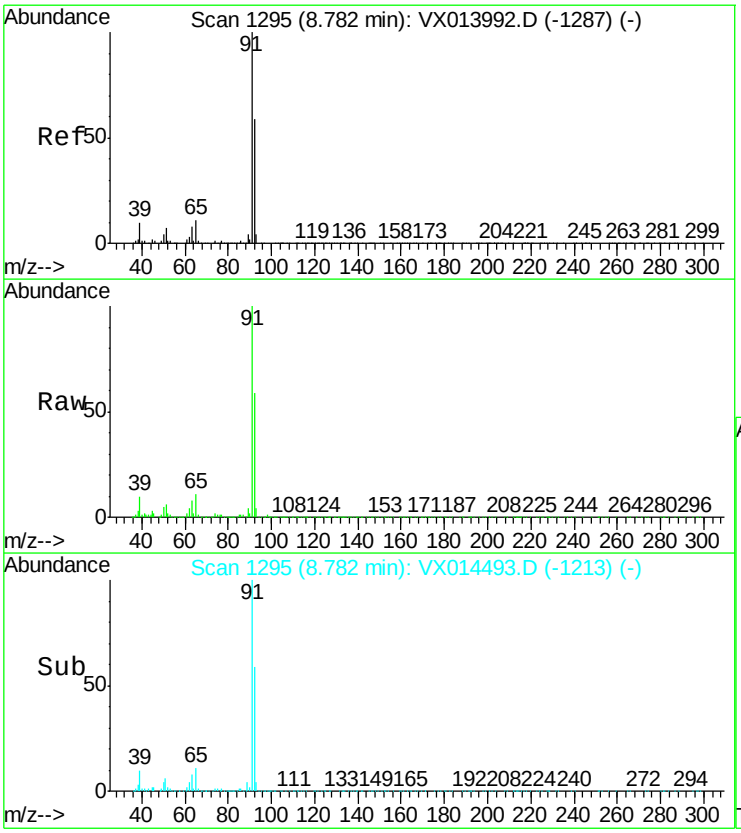
#60
4-Bromofluorobenzene
Concen: 28.712 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014493.D
Acq: 09 Jan 2020 12:53

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD-(JAN)

Tgt Ion: 95 Resp: 181900

Ion	Ratio	Lower	Upper
95	100		
174	89.4	70.2	105.2
176	85.9	68.3	102.5

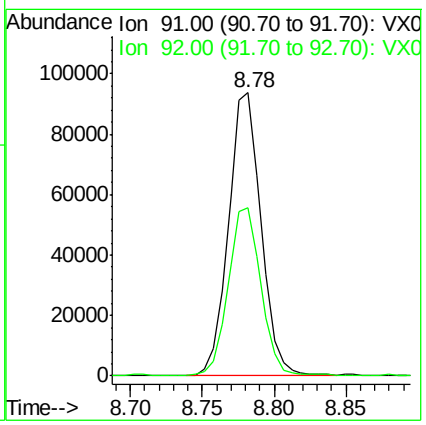


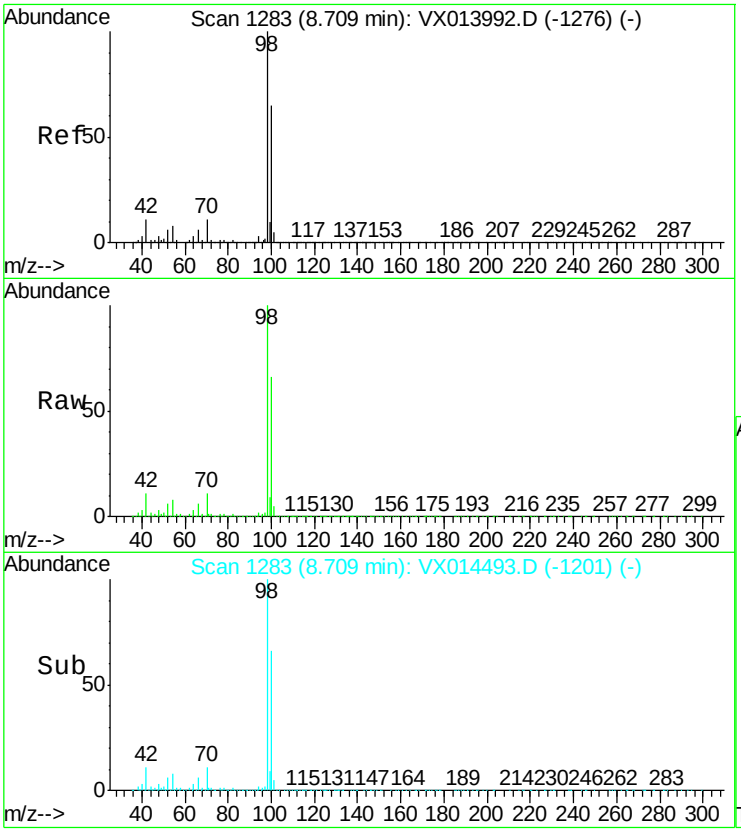


#62
Toluene
Concen: 7.079 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX014493.D
Acq: 09 Jan 2020 12:53

Tgt Ion: 91 Resp: 147724

Ion	Ratio	Lower	Upper
91	100		
92	59.4	46.4	69.6



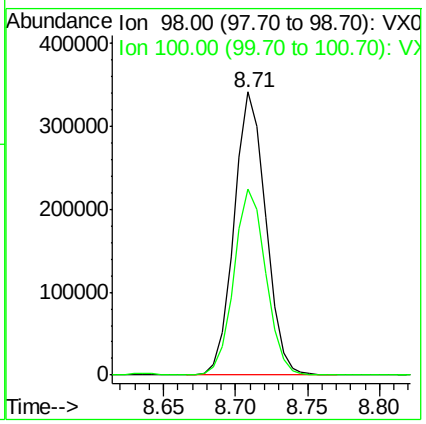


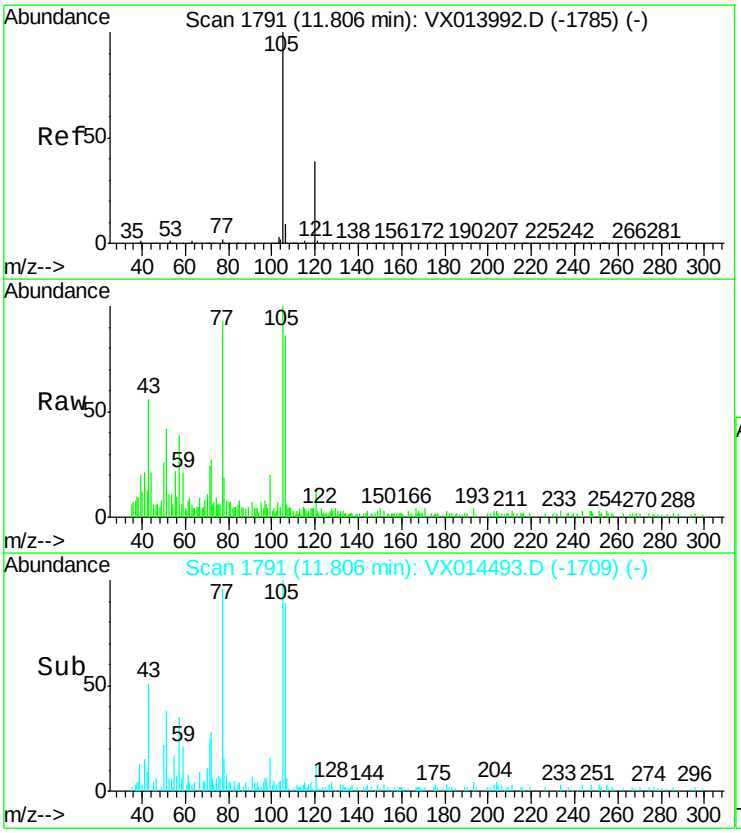
#63
Toluene-d8
Concen: 29.802 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014493.D
Acq: 09 Jan 2020 12:53

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD-(JAN)

Tgt Ion: 98 Resp: 522643

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.2





#80
1,2,4-Trimethylbenzene
Concen: 0.354 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX014493.D
Acq: 09 Jan 2020 12:53

Tgt Ion:105 Resp: 6705

Ion	Ratio	Lower	Upper
105	100		
120	13.2	0.0	92.0