Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
Data File : VX012278.D
Acq On : 11 Sep 2019 02:39
Operator : SY/SP
Sample : K4643-04
Misc : 4.52g/5.0mL/MSVOA_X/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T11-B3-(0)

Quant Time: Sep 11 03:28:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	167638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	292712	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	105647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	116402	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.22%			
35) Dibromofluoromethane	5.48	113	89689	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.60%			
50) Toluene-d8	8.71	98	347508	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.60%			
62) 4-Bromofluorobenzene	11.13	95	131281	43.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.06%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	240	Below Cal	#	47
11) Tert butyl alcohol	3.03	59	623	Below Cal	#	68
13) Acrolein	2.25	56	127	1.025	ug/l #	1
16) Acetone	2.43	43	23193	41.337	ug/l	90
25) 2-Butanone	4.67	43	3695	5.152	ug/l #	55
29) Tetrahydrofuran	5.12	42	5117	13.223	ug/l	94
36) 1,1-Dichloropropene	5.64	75	15267	7.153	ug/l #	53
38) Carbon Tetrachloride	5.65	117	19995	7.985	ug/l #	16
49) 1,4-Dioxane	7.72	88	20	1.113	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	1632	1.112	ug/l	97
52) Toluene	8.78	92	5723	1.341	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	68400	50.398	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	68400	151.004	ug/l #	5

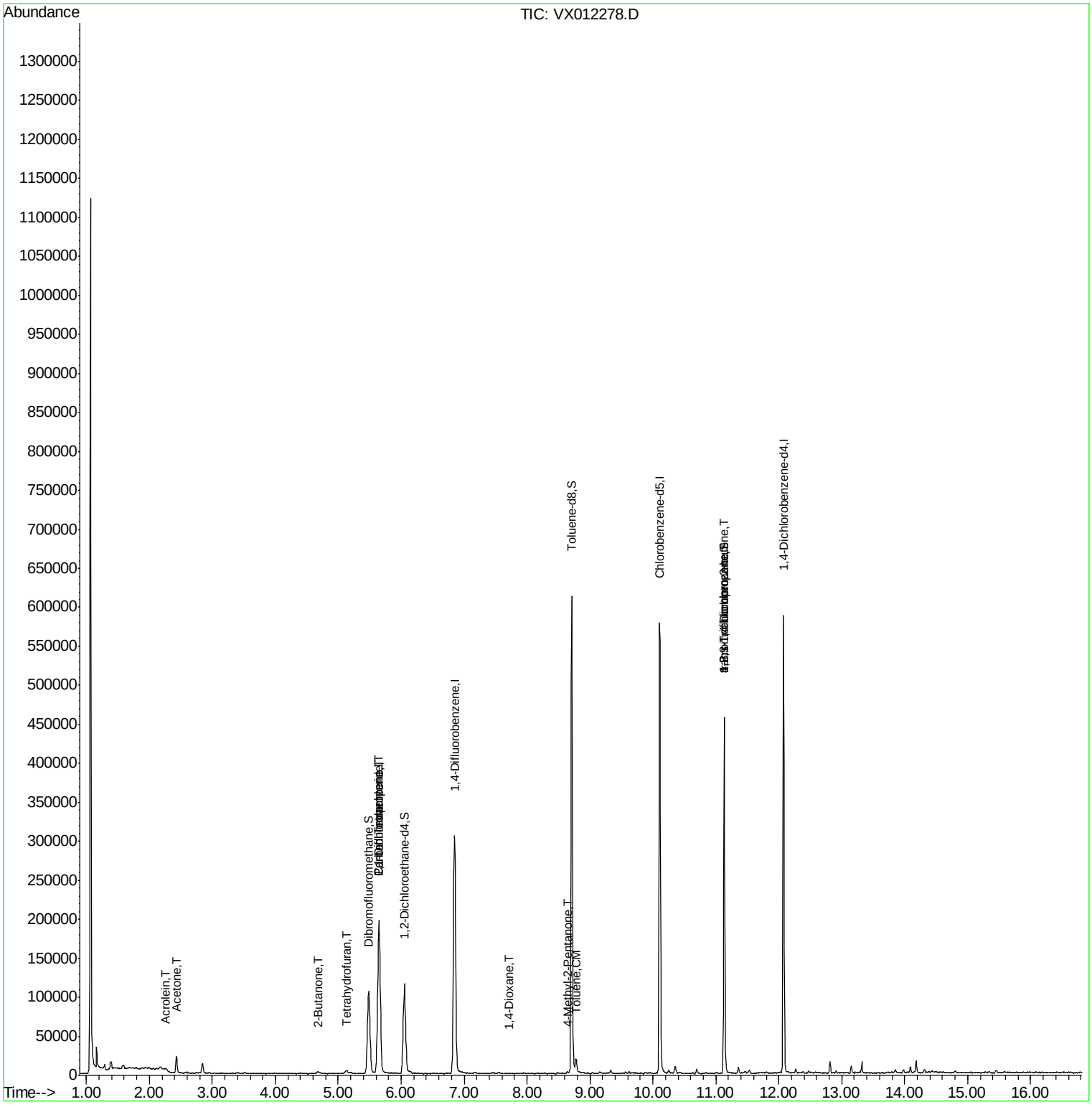
(#) = qualifier out of range (m) = manual integration (+) = signals summed

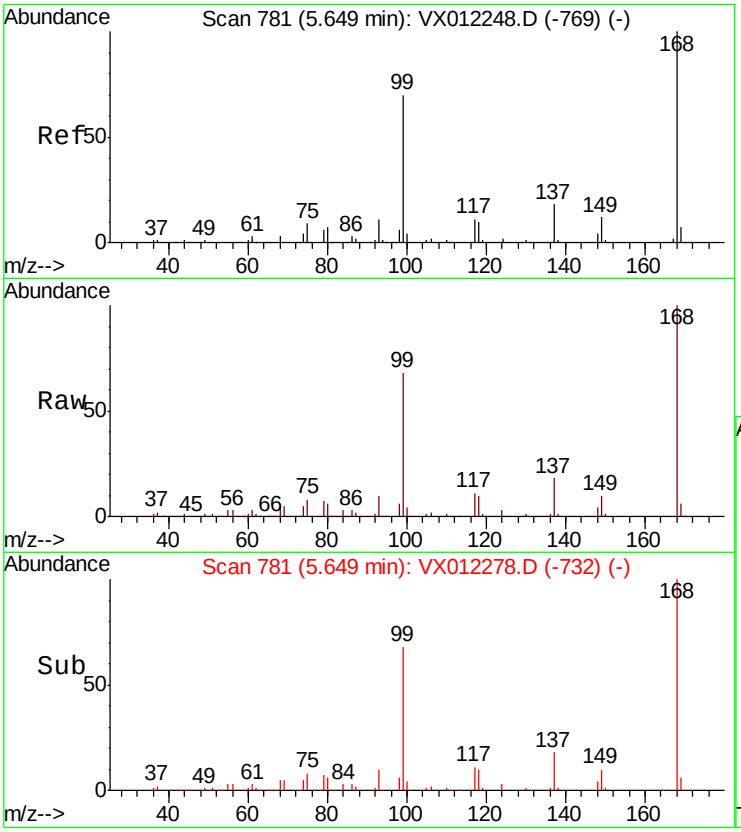
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
Data File : VX012278.D
Acq On : 11 Sep 2019 02:39
Operator : SY/SP
Sample : K4643-04
Misc : 4.52g/5.0mL/MSVOA_X/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T11-B3-(0)

Quant Time: Sep 11 03:28:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration



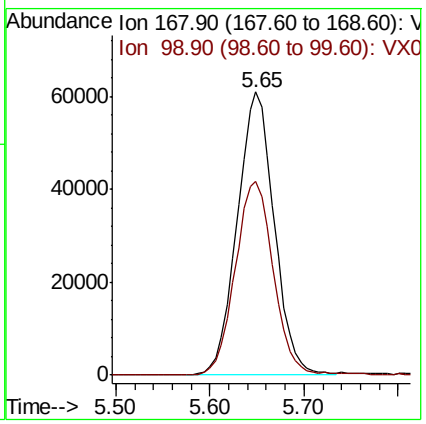


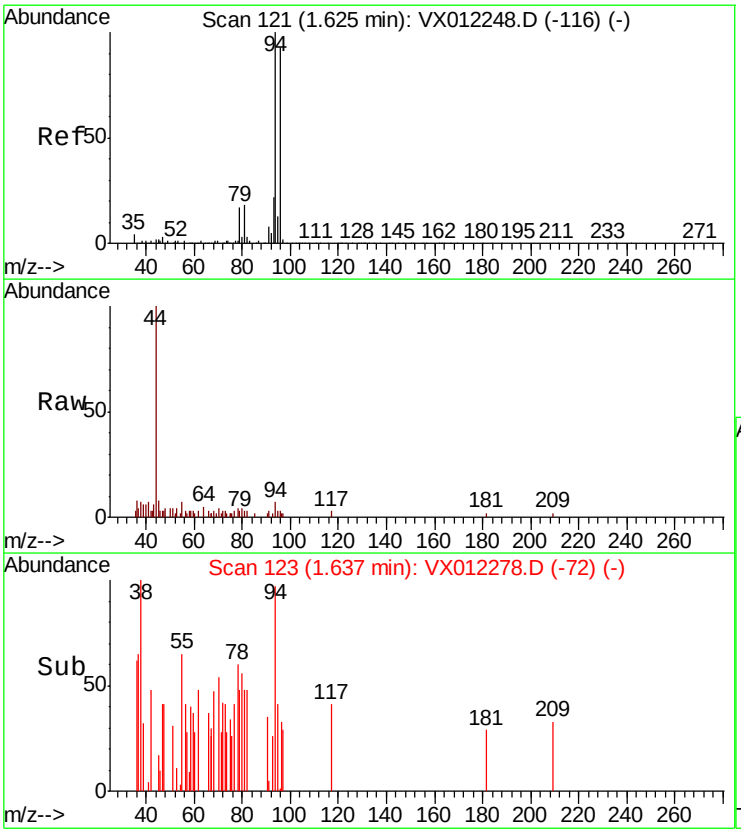
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Instrument : MSVOA_X
ClientSampleId : T11-B3-(0)

Tgt Ion:168 Resp: 167638

Ion	Ratio	Lower	Upper
168	100		
99	68.4	55.8	83.6

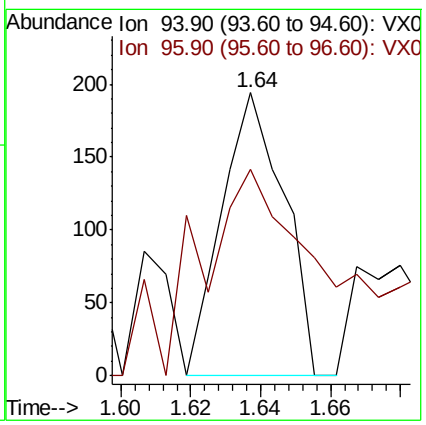


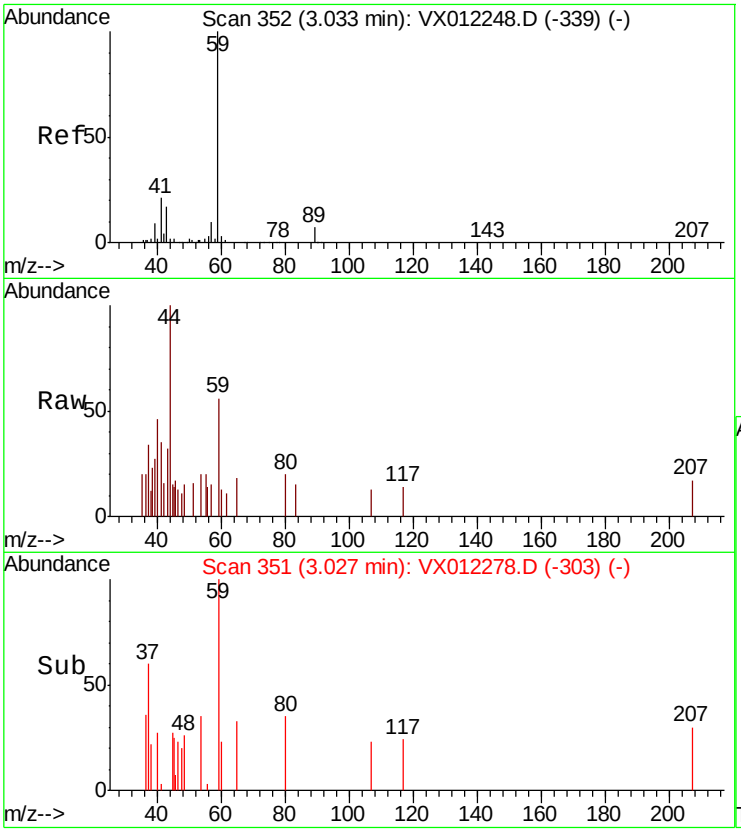


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Tgt Ion: 94 Resp: 240

Ion	Ratio	Lower	Upper
94	100		
96	41.8	74.0	111.0#



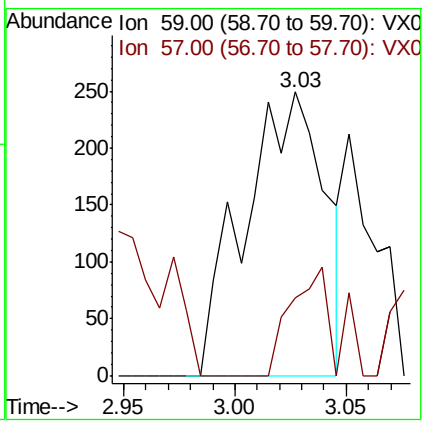


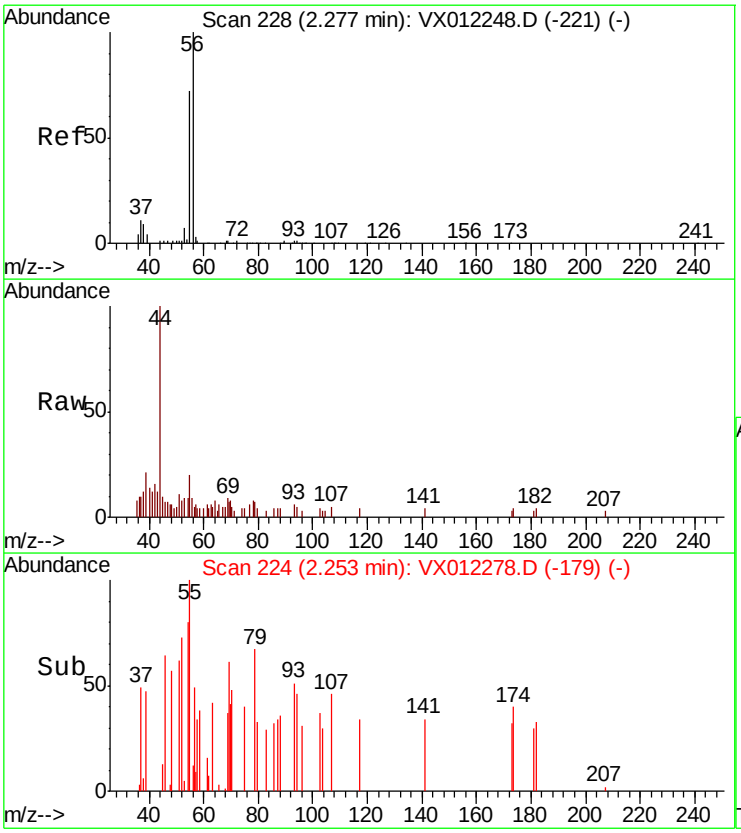
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Instrument :
MSVOA_X
ClientSampleId :
T11-B3-(0)

Tgt Ion: 59 Resp: 623

Ion	Ratio	Lower	Upper
59	100		
57	21.3	7.8	11.6#

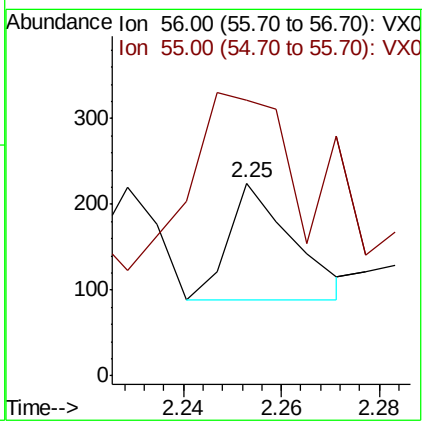


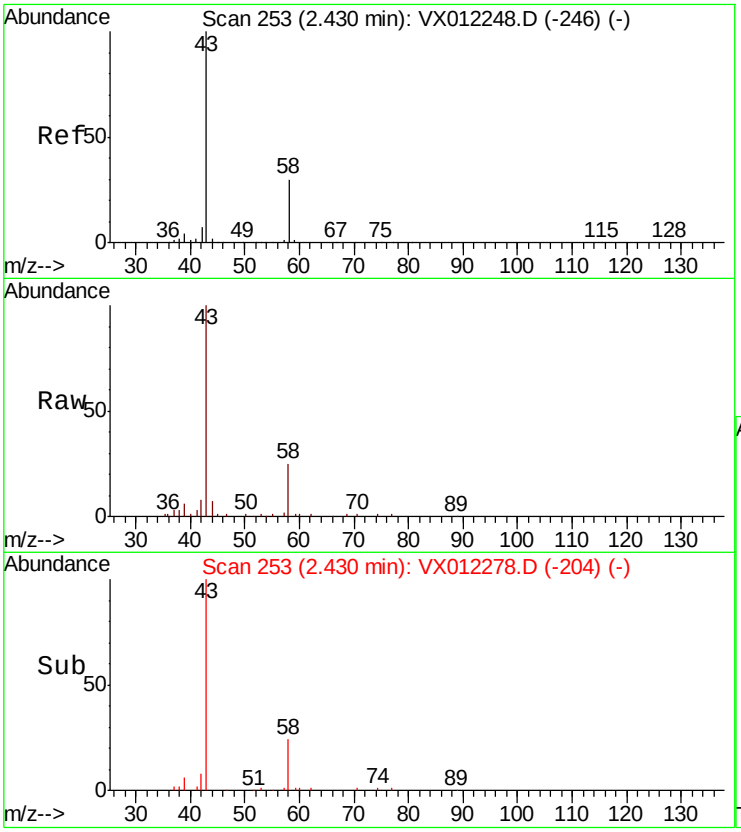


#13
Acrolein
Concen: 1.025 ug/l
RT: 2.25 min Scan# 224
Delta R.T. -0.02 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Tgt Ion: 56 Resp: 127

Ion	Ratio	Lower	Upper
56	100		
55	359.8	59.8	89.6#



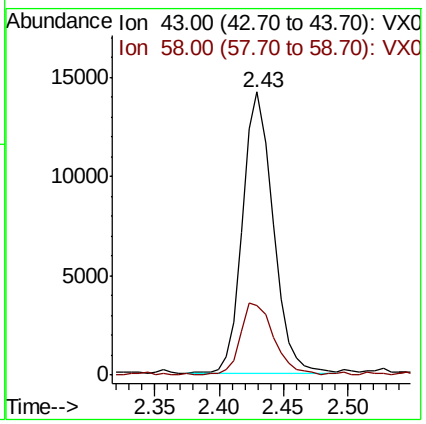


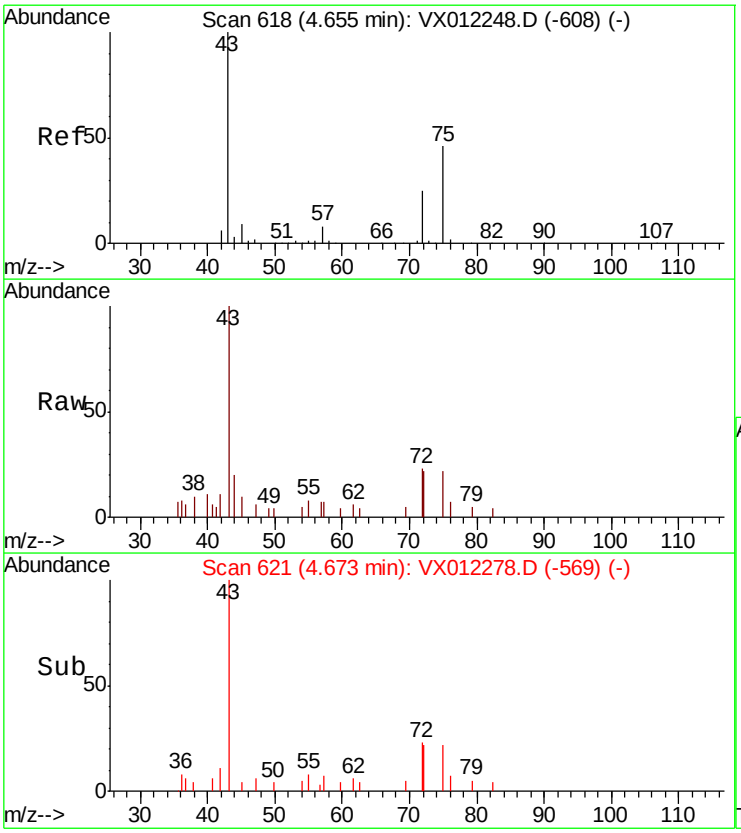
#16
Acetone
Concen: 41.337 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Instrument :
MSVOA_X
ClientSampleId :
T11-B3-(0)

Tgt Ion: 43 Resp: 23193

Ion	Ratio	Lower	Upper
43	100		
58	24.3	23.6	35.4

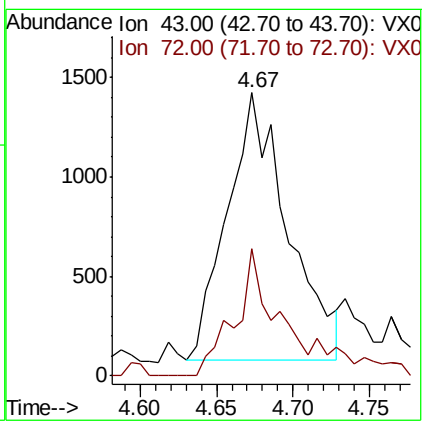


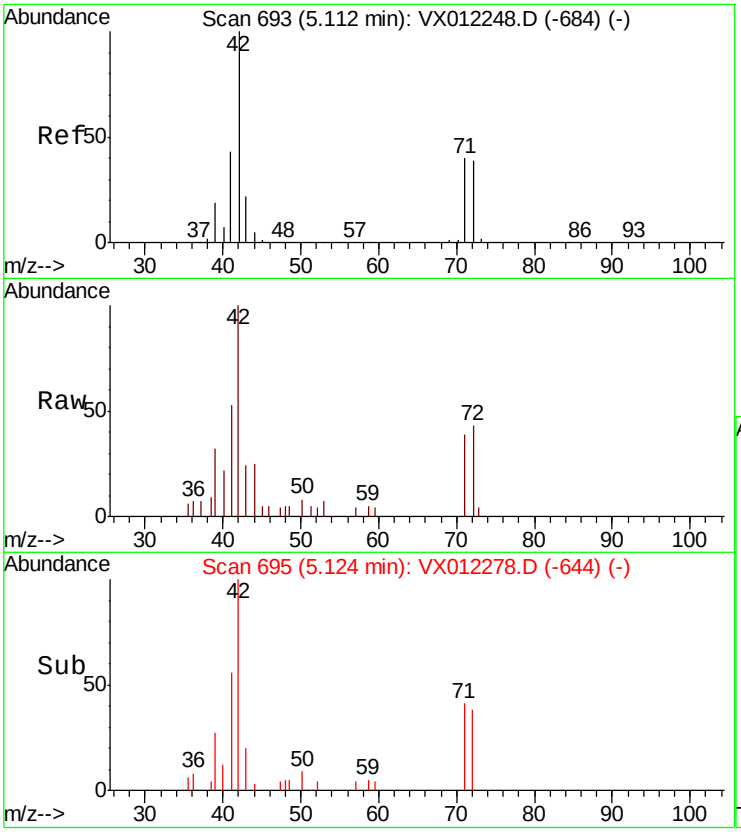


#25
2-Butanone
Concen: 5.152 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Tgt Ion: 43 Resp: 3695

Ion	Ratio	Lower	Upper
43	100		
72	47.8	20.2	30.2#



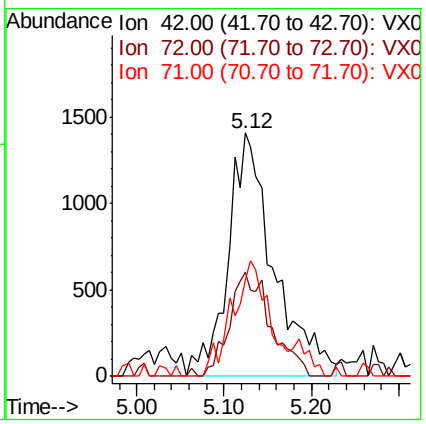


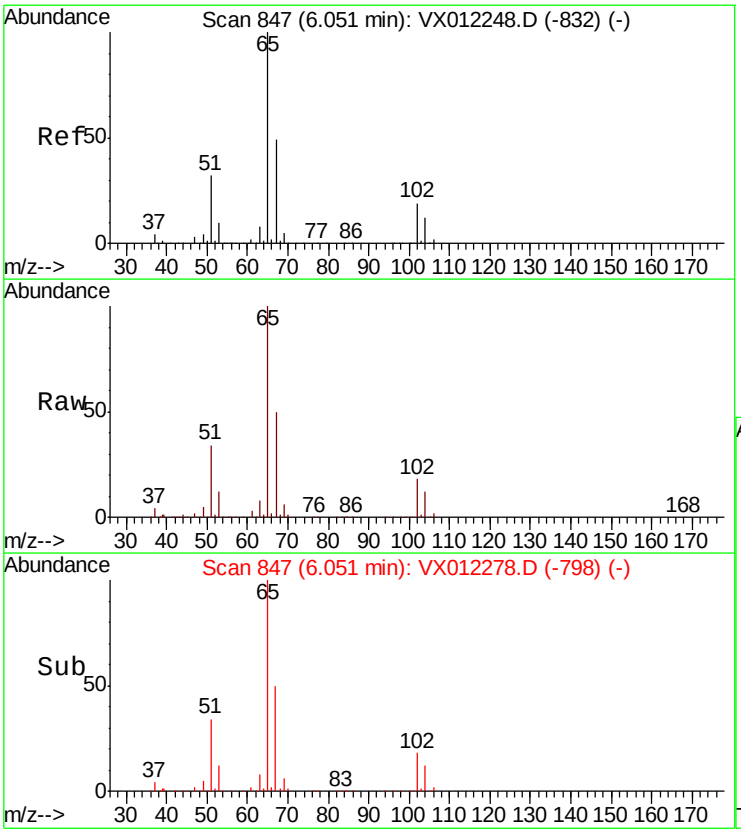
#29
Tetrahydrofuran
Concen: 13.223 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Instrument :
MSVOA_X
ClientSampleId :
T11-B3-(0)

Tgt Ion: 42 Resp: 5117

Ion	Ratio	Lower	Upper
42	100		
72	38.7	35.2	52.8
71	37.8	32.5	48.7

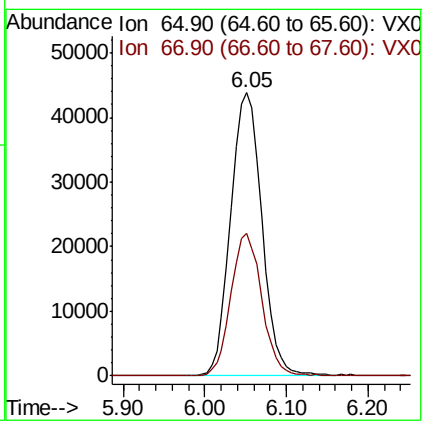


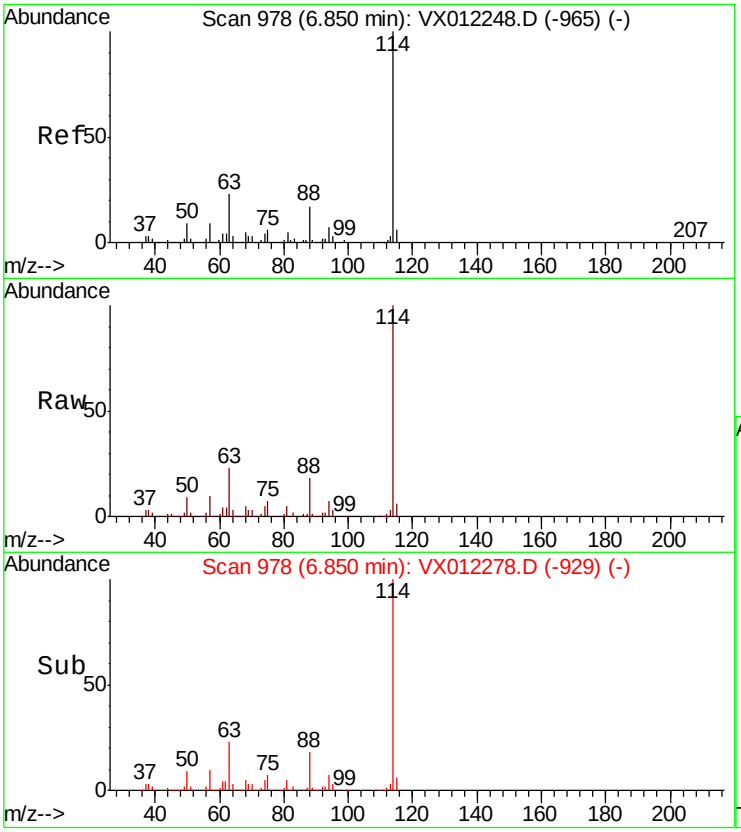


#33
1,2-Dichloroethane-d4
Concen: 49.113 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Tgt Ion: 65 Resp: 116402

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	99.8



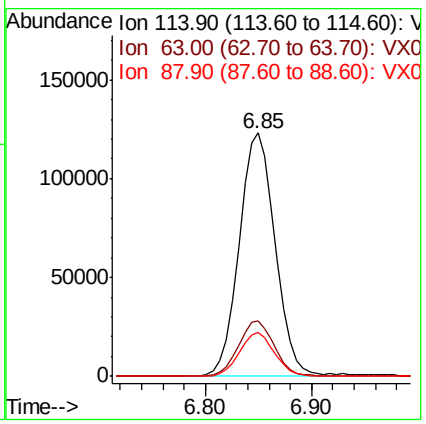


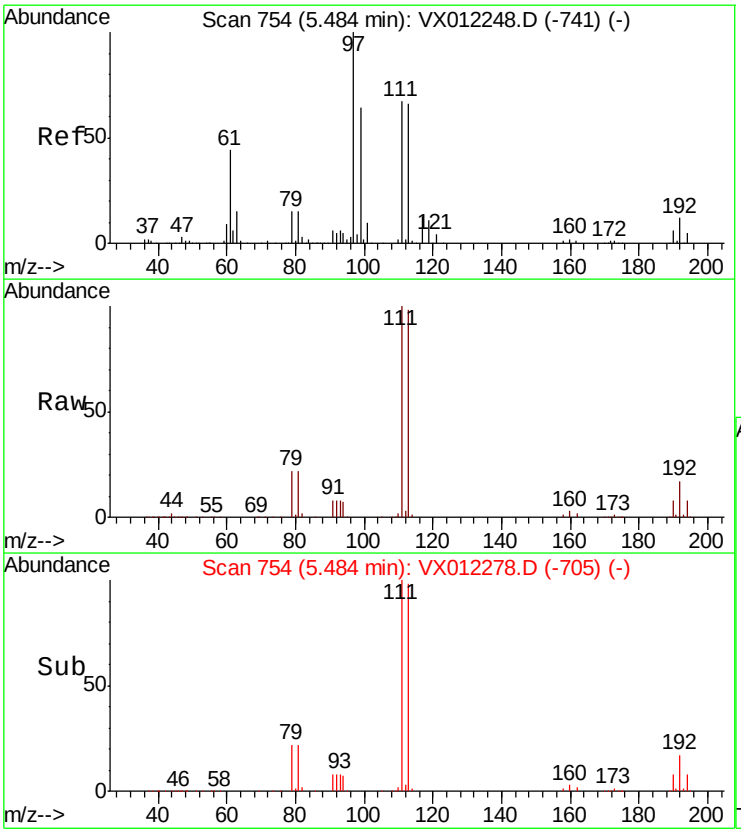
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Instrument :
MSVOA_X
ClientSampleId :
T11-B3-(0)

Tgt Ion:114 Resp: 292712

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	45.2
88	18.1	0.0	34.8

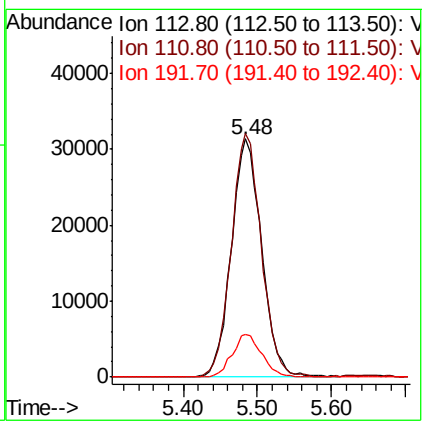


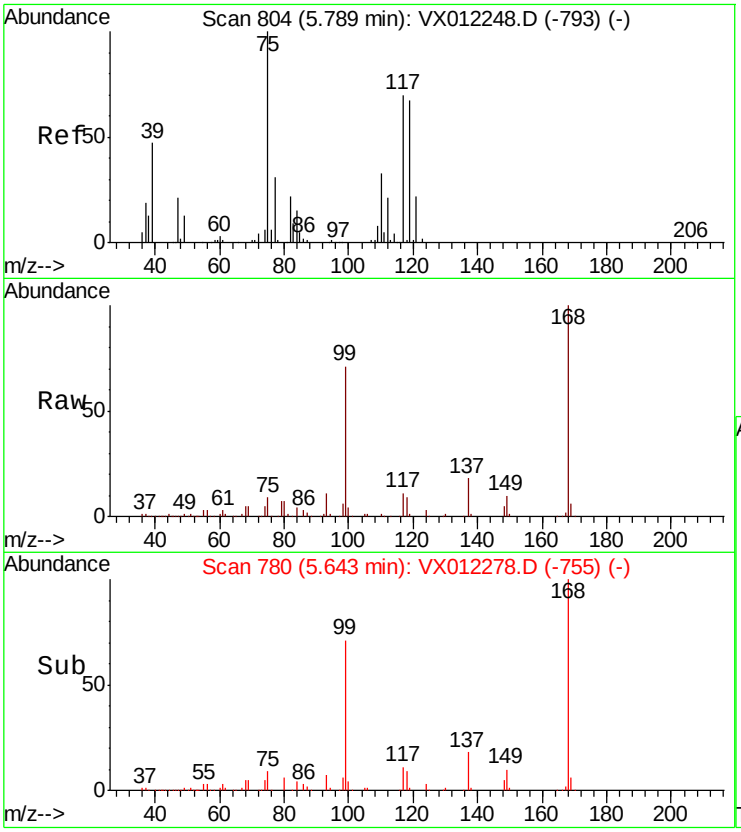


#35
Dibromofluoromethane
Concen: 47.798 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Tgt Ion:113 Resp: 89689

Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.0	124.6
192	17.4	14.3	21.5



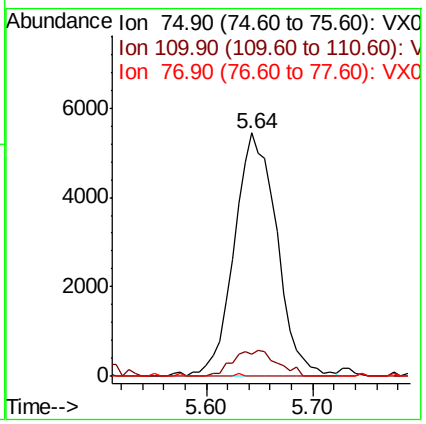


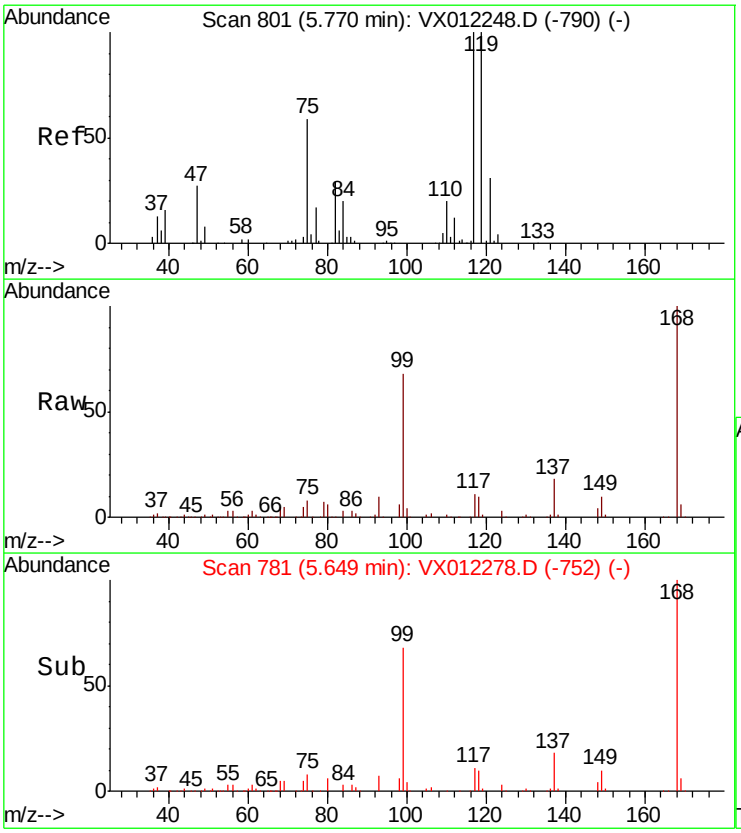
#36
1,1-Dichloropropene
Concen: 7.153 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Instrument :
MSVOA_X
ClientSampleId :
T11-B3-(0)

Tgt Ion: 75 Resp: 15267

Ion	Ratio	Lower	Upper
75	100		
110	11.0	16.8	50.4#
77	0.1	24.5	36.7#

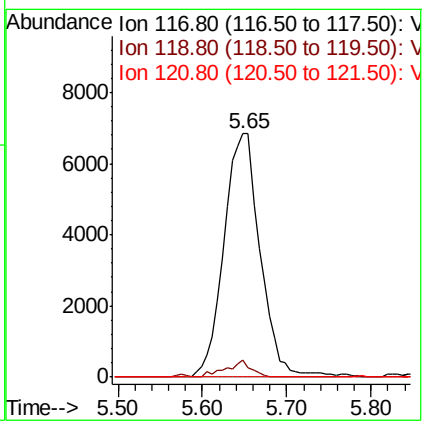


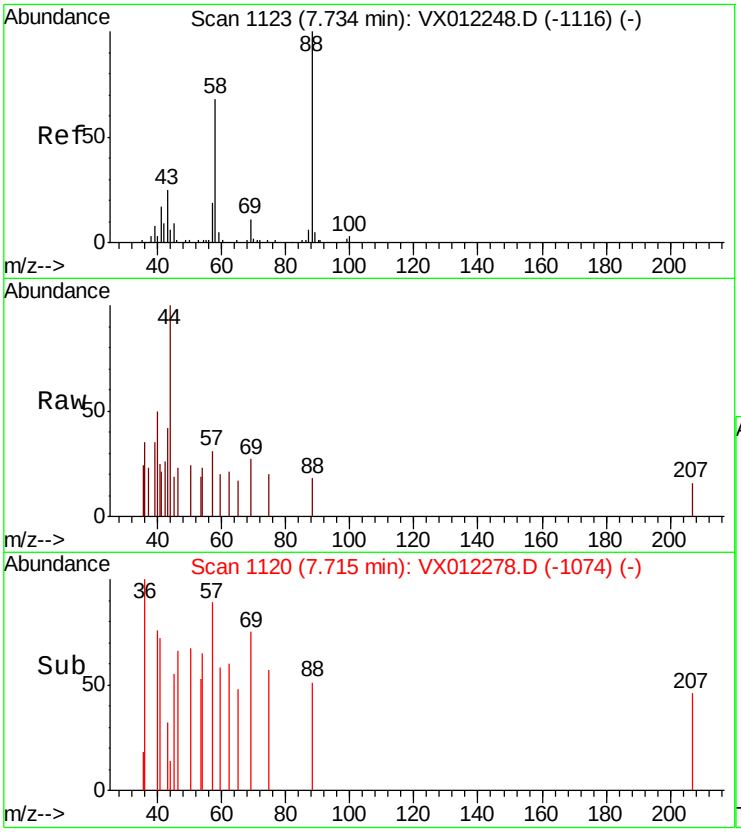


#38
Carbon Tetrachloride
Concen: 7.985 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Tgt Ion:117 Resp: 19995

Ion	Ratio	Lower	Upper
117	100		
119	7.0	79.6	119.4#
121	0.0	24.7	37.1#



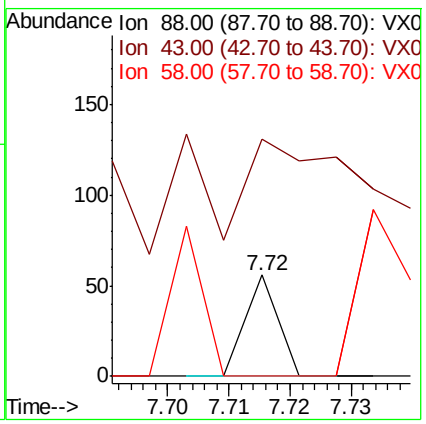


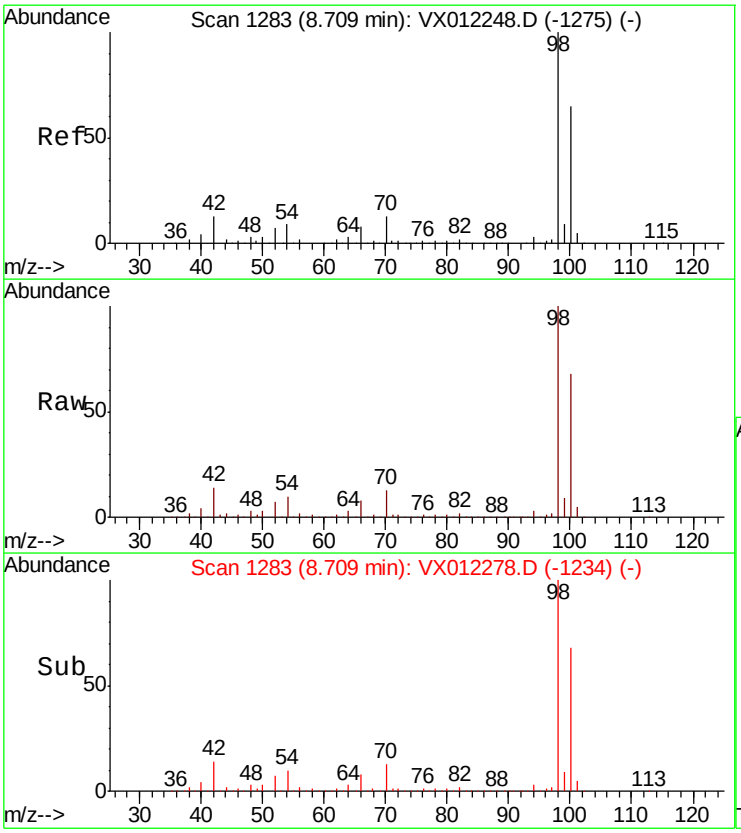
#49
1,4-Dioxane
Concen: 1.113 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Instrument :
MSVOA_X
ClientSampleId :
T11-B3-(0)

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	485.0	31.0	46.4#
58	150.0	61.5	92.3#

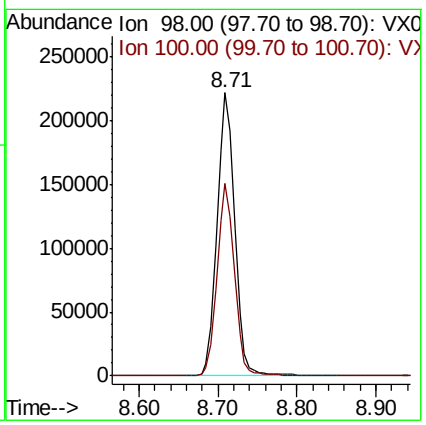


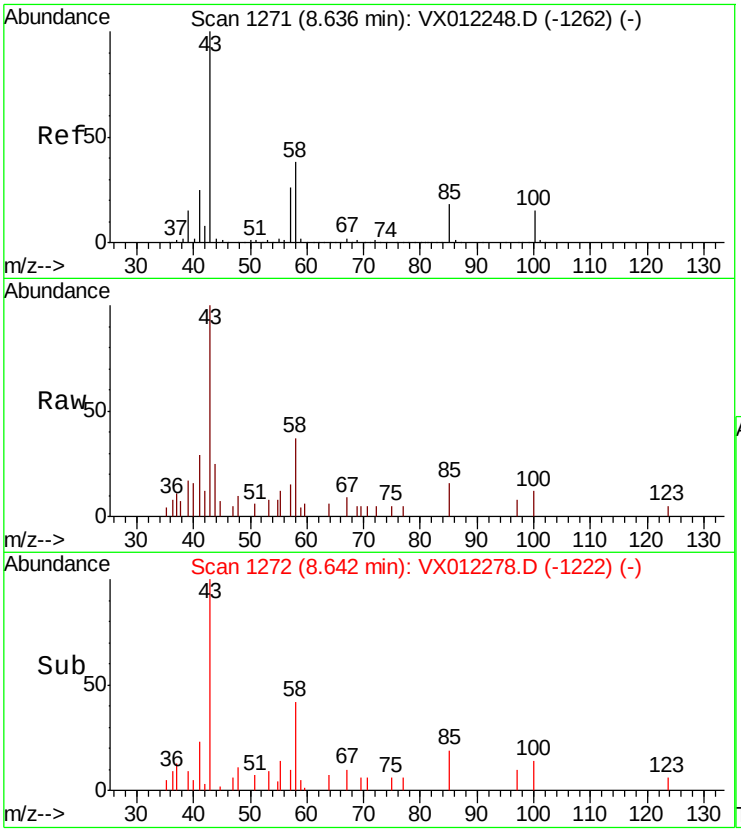


#50
Toluene-d8
Concen: 52.803 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Tgt Ion: 98 Resp: 347508

Ion	Ratio	Lower	Upper
98	100		
100	66.5	54.1	81.1



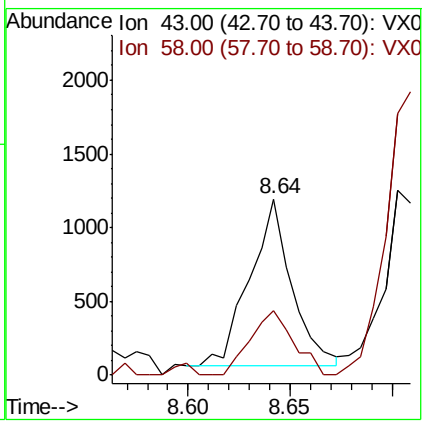


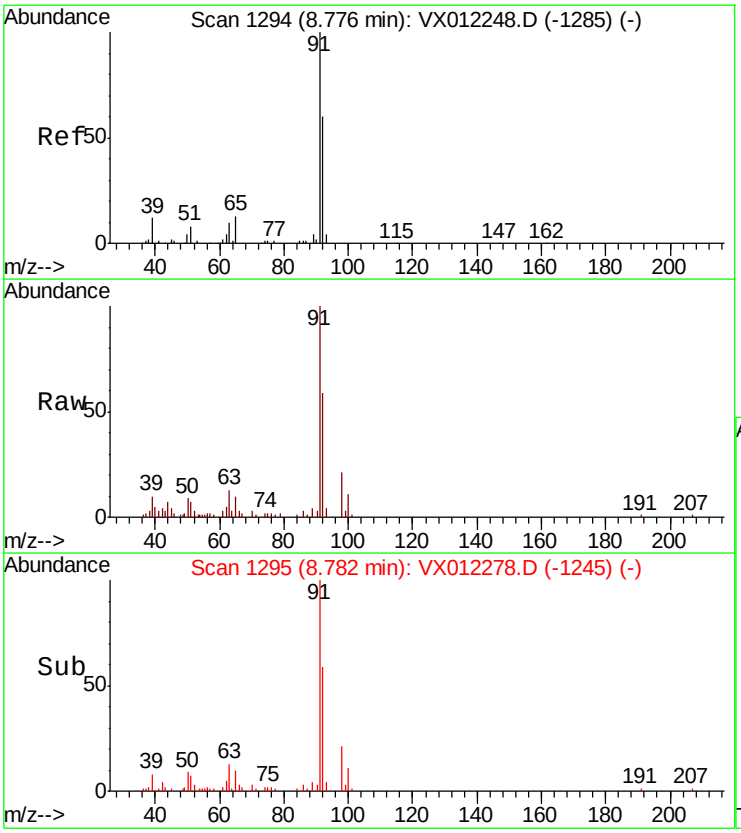
#51
4-Methyl-2-Pentanone
Concen: 1.112 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Instrument :
MSVOA_X
ClientSampleId :
T11-B3-(0)

Tgt Ion: 43 Resp: 1632

Ion	Ratio	Lower	Upper
43	100		
58	39.5	30.1	45.1

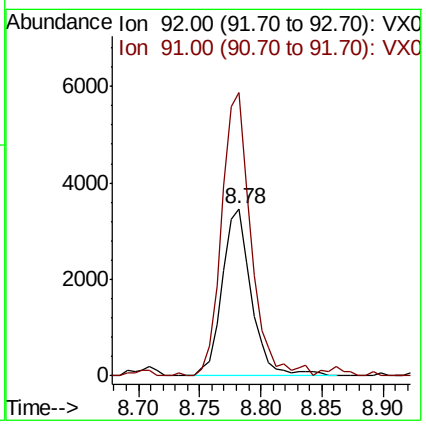


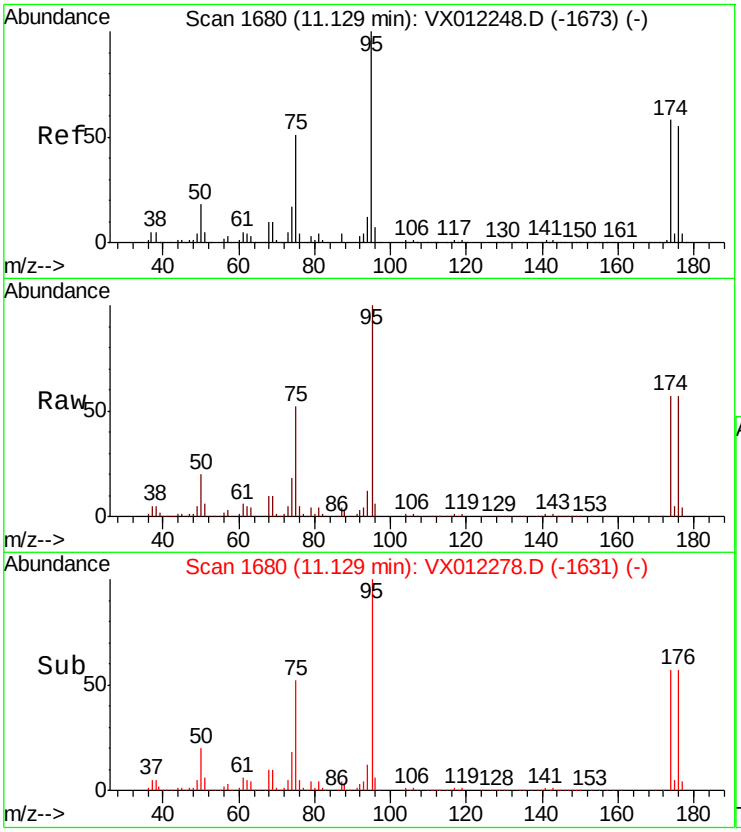


#52
Toluene
Concen: 1.341 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Tgt Ion: 92 Resp: 5723

Ion	Ratio	Lower	Upper
92	100		
91	169.8	133.6	200.4



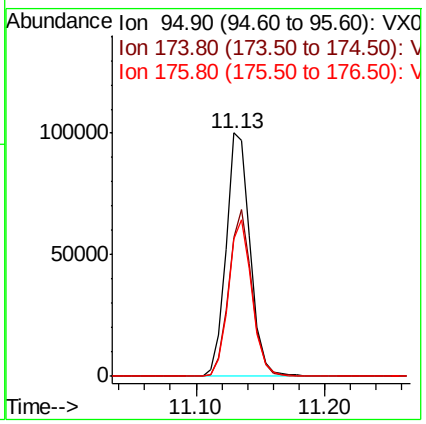


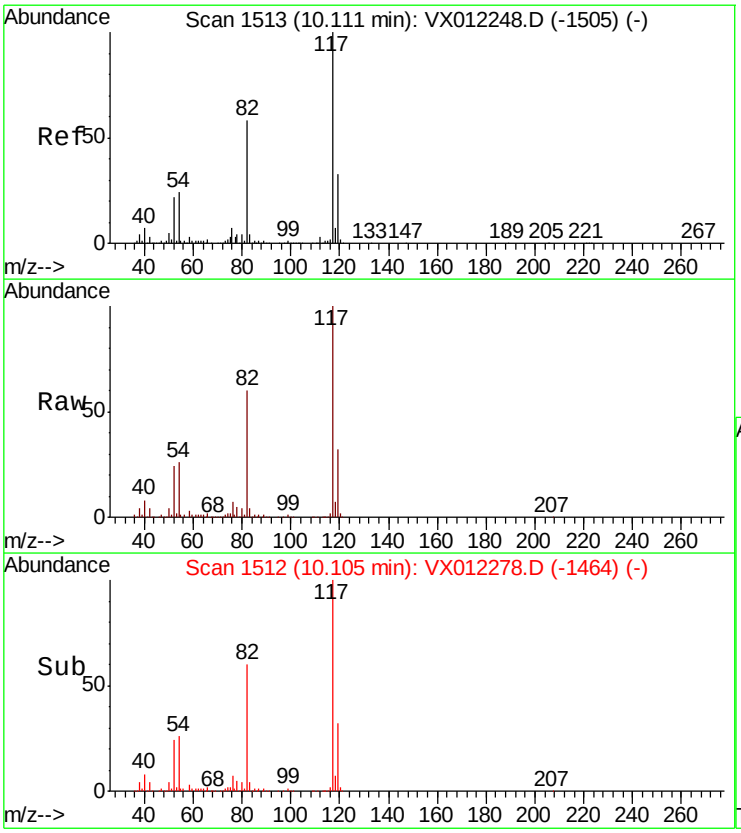
#62
4-Bromofluorobenzene
Concen: 43.028 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Instrument :
MSVOA_X
ClientSampleId :
T11-B3-(0)

Tgt Ion: 95 Resp: 131281

Ion	Ratio	Lower	Upper
95	100		
174	65.5	0.0	127.0
176	62.8	0.0	125.8

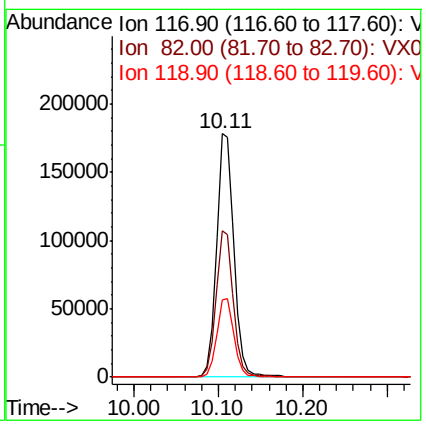


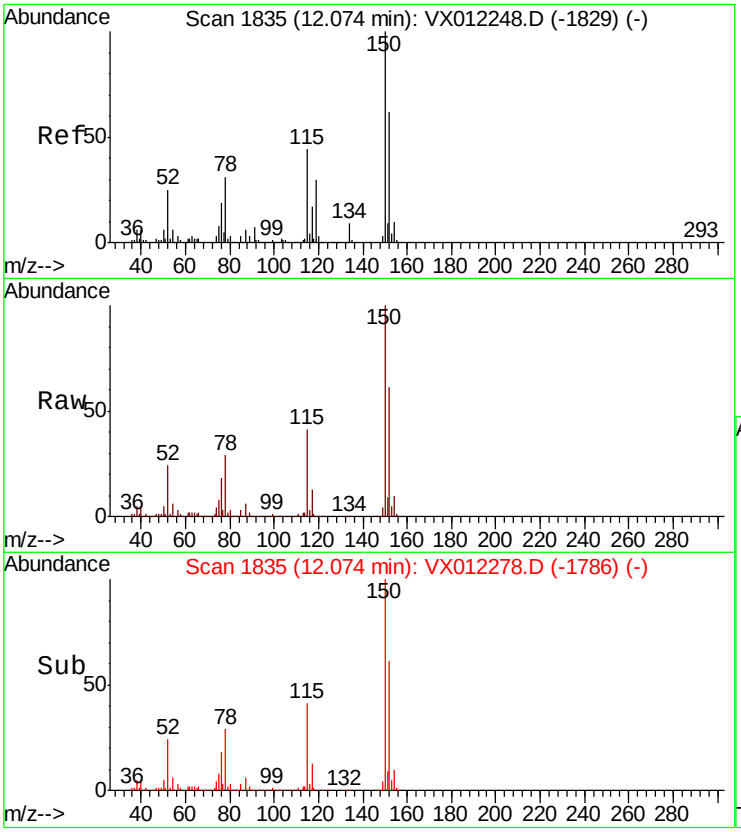


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Tgt Ion:117 Resp: 253367

Ion	Ratio	Lower	Upper
117	100		
82	60.0	46.4	69.6
119	31.6	26.6	39.8



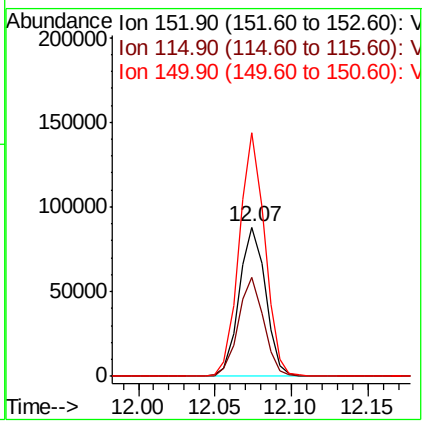


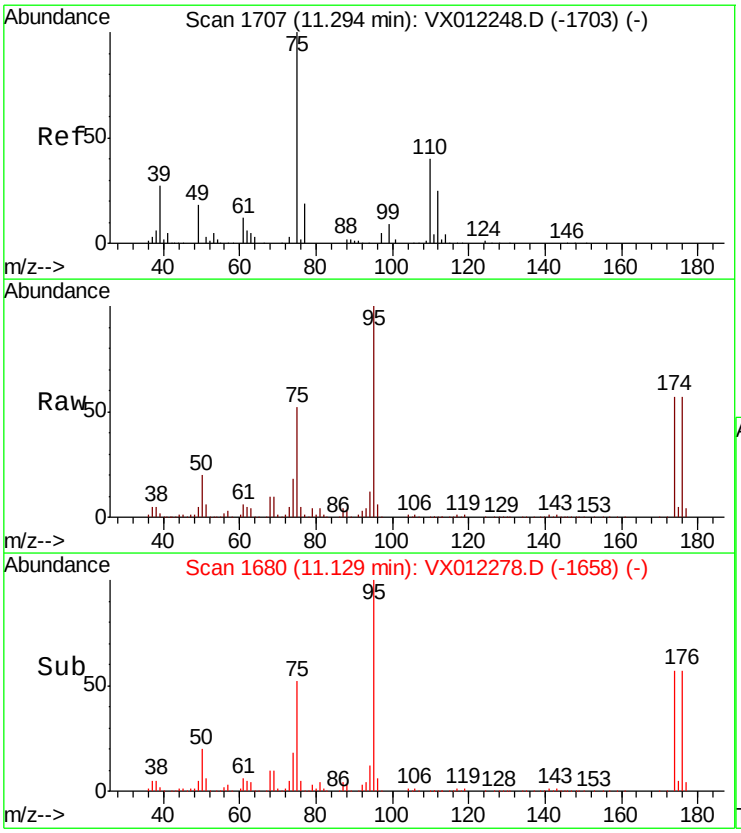
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Instrument :
MSVOA_X
ClientSampleId :
T11-B3-(0)

Tgt Ion:152 Resp: 105647

Ion	Ratio	Lower	Upper
152	100		
115	64.2	45.5	136.4
150	158.3	0.0	346.4

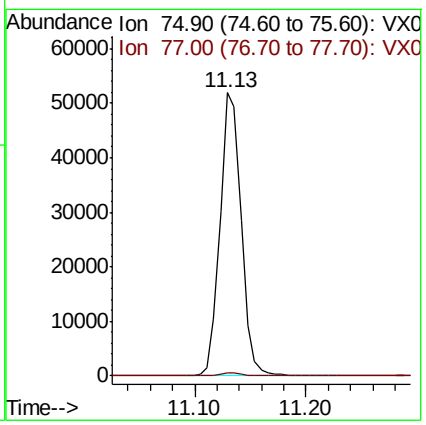


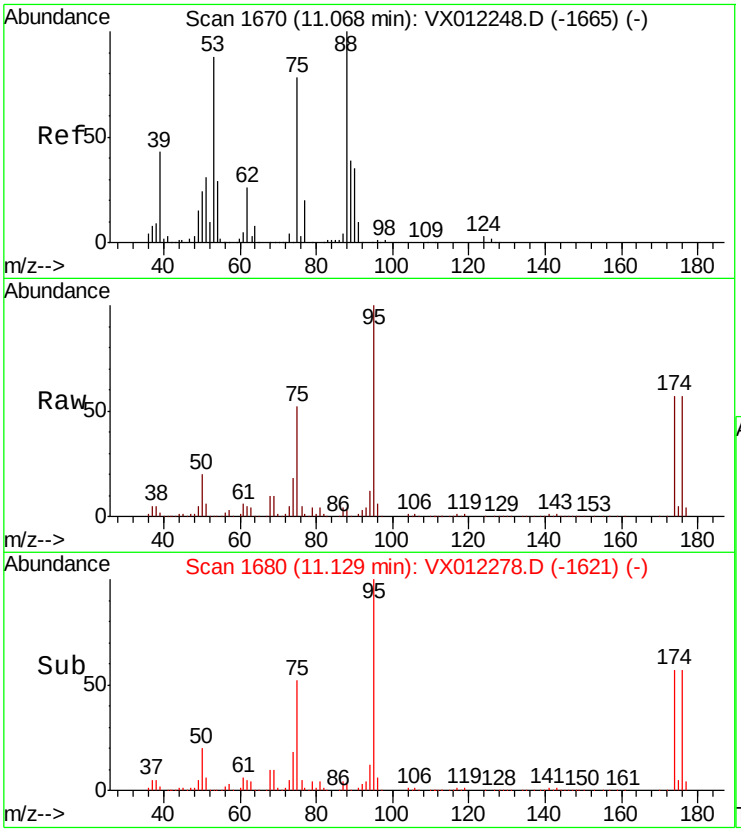


#76
1,2,3-Trichloropropane
Concen: 50.398 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Tgt Ion: 75 Resp: 68400

Ion	Ratio	Lower	Upper
75	100		
77	1.5	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 151.004 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012278.D
Acq: 11 Sep 2019 02:39

Instrument :
MSVOA_X
ClientSampleId :
T11-B3-(0)

Tgt Ion: 75 Resp: 68400

Ion	Ratio	Lower	Upper
75	100		
53	0.2	88.1	132.1#
89	0.0	43.5	65.3#