Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
Data File : VX011513.D
Acq On : 13 Aug 2019 03:33
Operator : JC/SP
Sample : K4231-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : REACTOR-3-F-(3)

Quant Time: Aug 13 07:48:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104392	56.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.52%			
35) Dibromofluoromethane	5.49	113	87669	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.92%			
50) Toluene-d8	8.71	98	332181	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.30%			
62) 4-Bromofluorobenzene	11.13	95	110873	45.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.02%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	307	0.247	ug/l #	57
6) Chloroethane	1.77	64	102	Below Cal	#	11
11) Tert butyl alcohol	3.01	59	2382	6.517	ug/l #	84
13) Acrolein	2.28	56	350	1.115	ug/l #	25
16) Acetone	2.43	43	8706	9.945	ug/l	96
18) Methyl Acetate	2.76	43	895	0.447	ug/l	94
20) Methylene Chloride	2.85	84	2217	1.156	ug/l	90
25) 2-Butanone	4.68	43	1948	1.564	ug/l	91
29) Tetrahydrofuran	5.11	42	160	0.210	ug/l #	39
31) Cyclohexane	5.65	56	3525	1.488	ug/l #	28
36) 1,1-Dichloropropene	5.66	75	12321	5.041	ug/l #	50
38) Carbon Tetrachloride	5.65	117	17183	6.987	ug/l #	15
41) Methacrylonitrile	5.04	41	271	0.202	ug/l #	29
43) Isopropyl Acetate	6.43	43	20886	5.328	ug/l	99
48) Methyl methacrylate	7.68	41	1205	0.653	ug/l #	12
49) 1,4-Dioxane	7.82	88	19	0.355	ug/l #	29
51) 4-Methyl-2-Pentanone	8.61	43	20542	8.120	ug/l #	52
53) t-1,3-Dichloropropene	9.01	75	52	2.856	ug/l #	43
54) cis-1,3-Dichloropropene	8.62	75	9699	3.556	ug/l #	68
57) 1,3-Dichloropropane	9.54	76	2011	0.641	ug/l #	41
59) 2-Hexanone	9.54	43	25472	12.999	ug/l #	50
76) 1,2,3-Trichloropropane	11.13	75	56904	27.028	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	56904	70.165	ug/l #	10

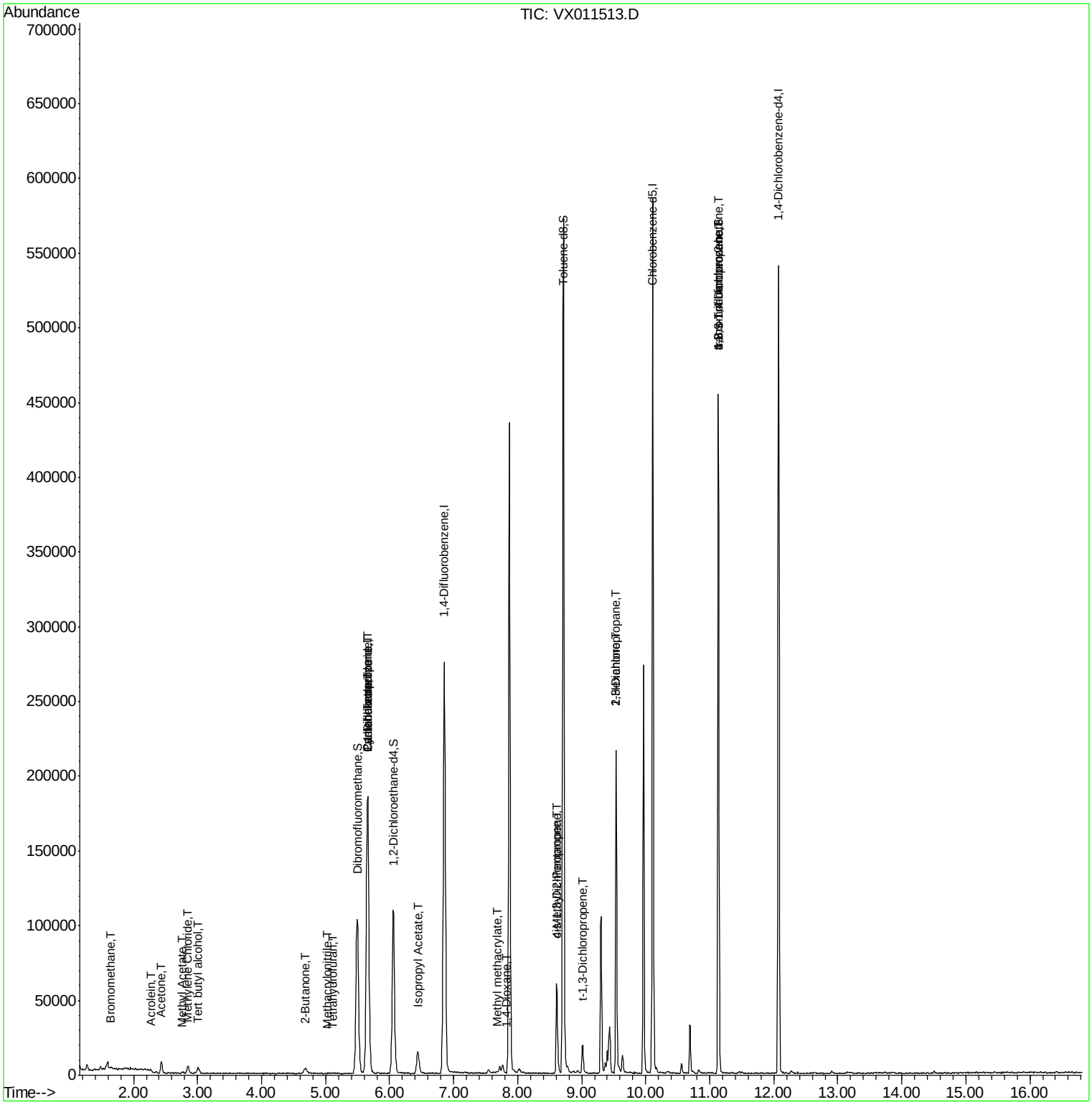
(#) = qualifier out of range (m) = manual integration (+) = signals summed

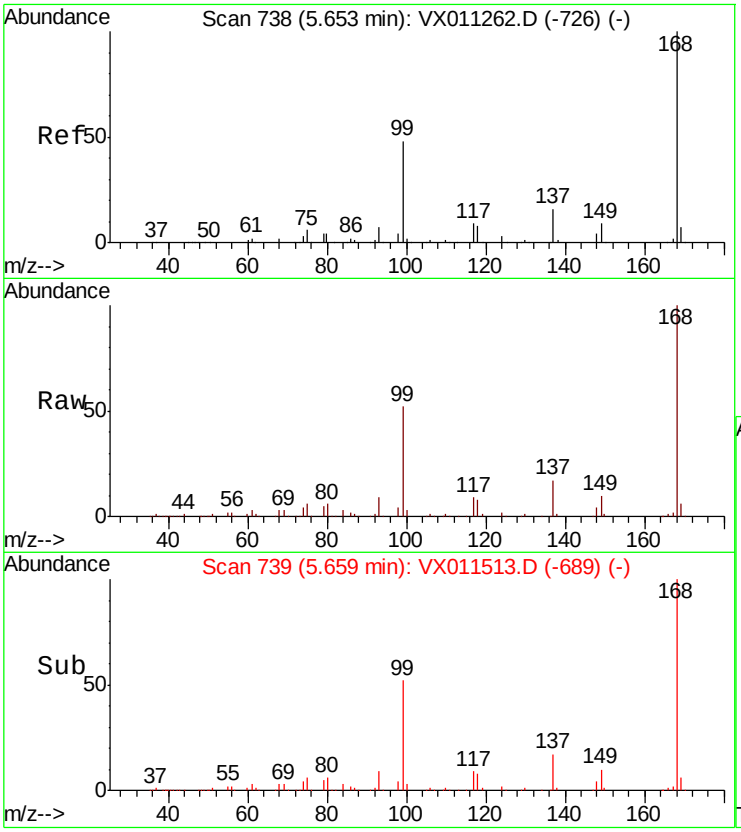
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
Data File : VX011513.D
Acq On : 13 Aug 2019 03:33
Operator : JC/SP
Sample : K4231-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Quant Time: Aug 13 07:48:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration



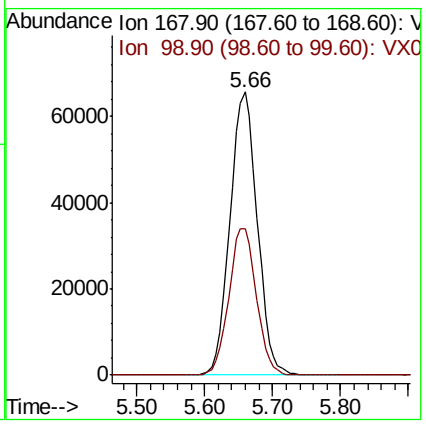


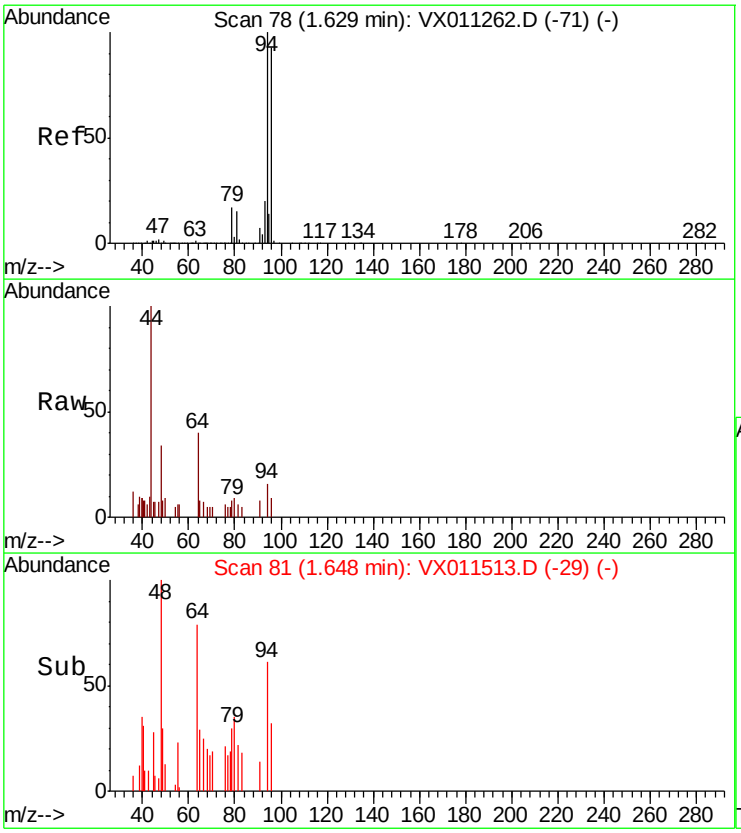
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Tgt Ion:168 Resp: 182639

Ion	Ratio	Lower	Upper
168	100		
99	51.8	38.5	57.7

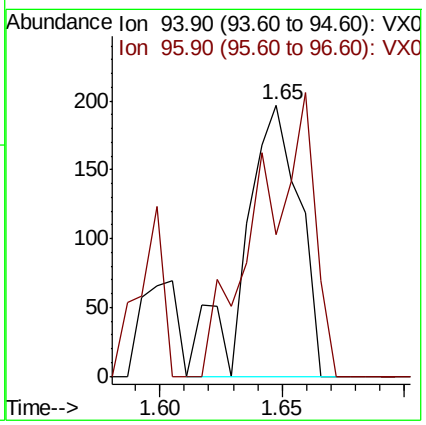


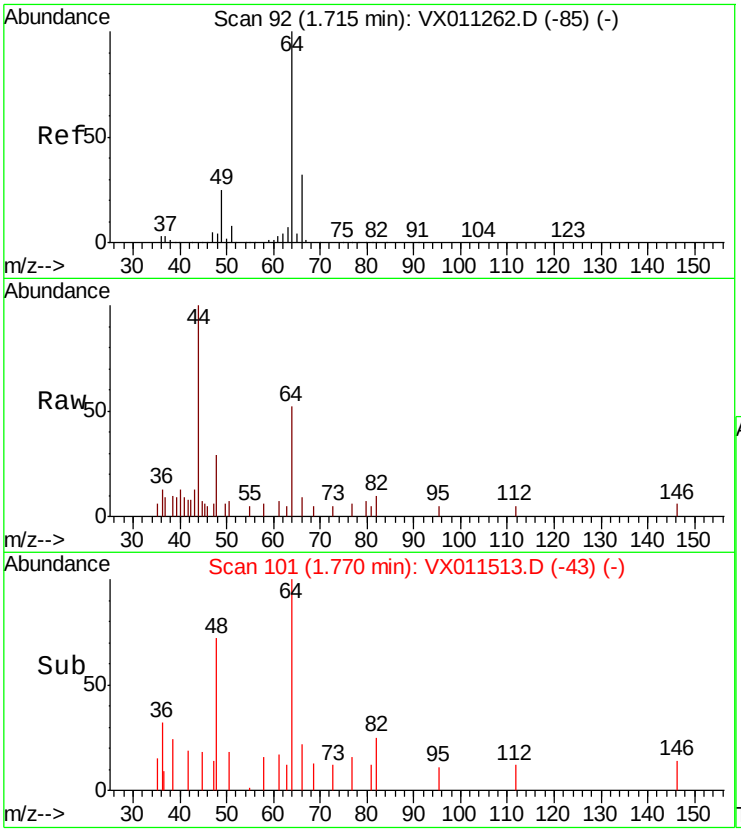


#5
Bromomethane
Concen: 0.247 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.02 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Tgt Ion: 94 Resp: 307

Ion	Ratio	Lower	Upper
94	100		
96	52.3	74.6	112.0#



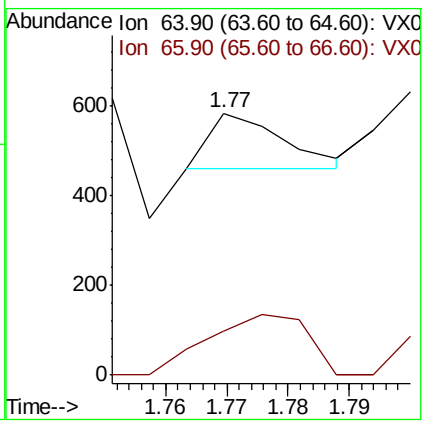


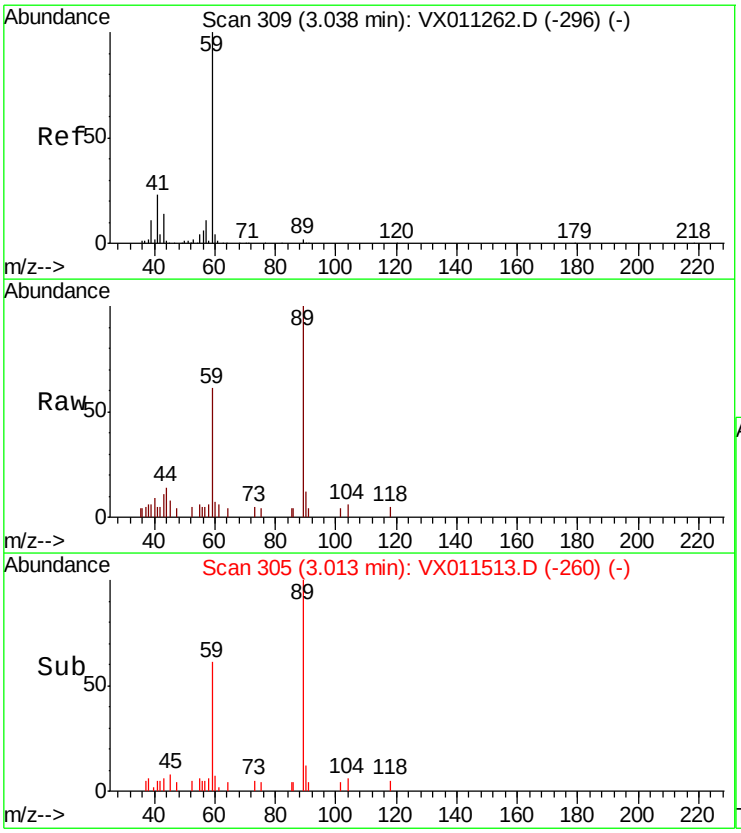
#6
Chloroethane
Concen: Below Cal
RT: 1.77 min Scan# 101
Delta R.T. 0.06 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Tgt Ion: 64 Resp: 102

Ion	Ratio	Lower	Upper
64	100		
66	80.3	25.1	37.7#

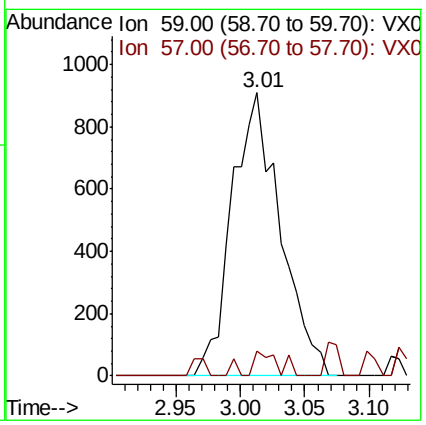


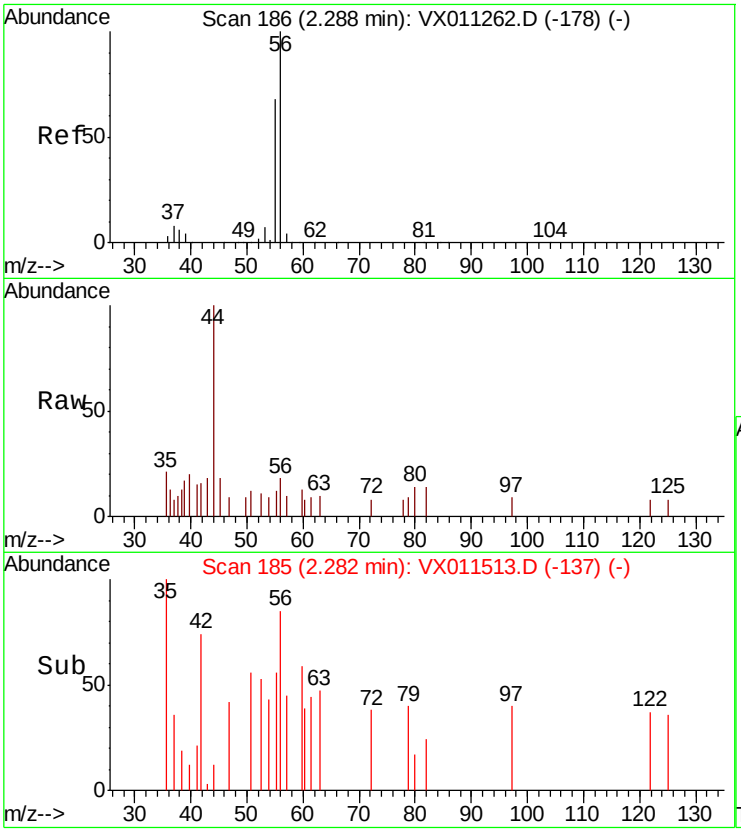


#11
Tert butyl alcohol
Concen: 6.517 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.02 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Tgt Ion: 59 Resp: 2382

Ion	Ratio	Lower	Upper
59	100		
57	4.2	8.3	12.5#



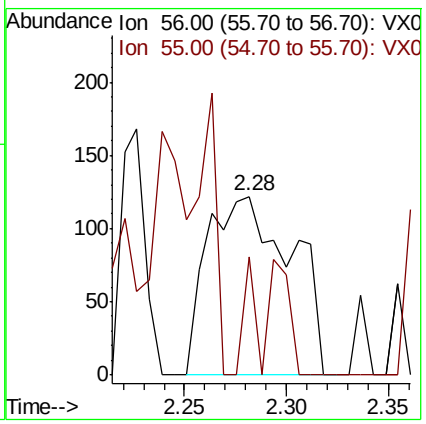


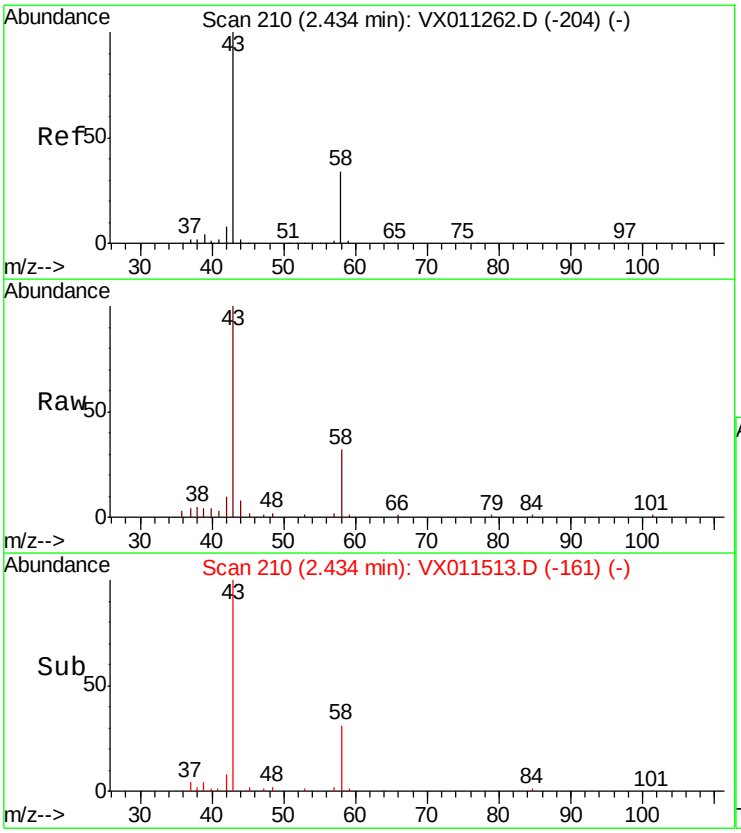
#13
Acrolein
Concen: 1.115 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Tgt Ion: 56 Resp: 350

Ion	Ratio	Lower	Upper
56	100		
55	8.6	56.0	84.0#

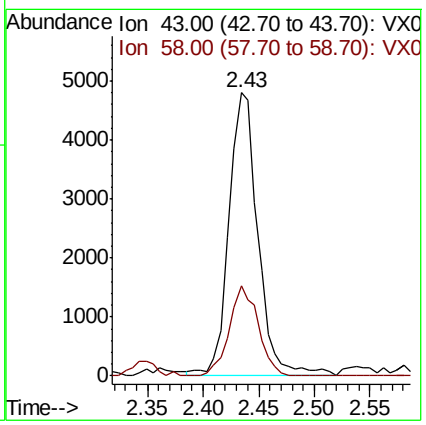


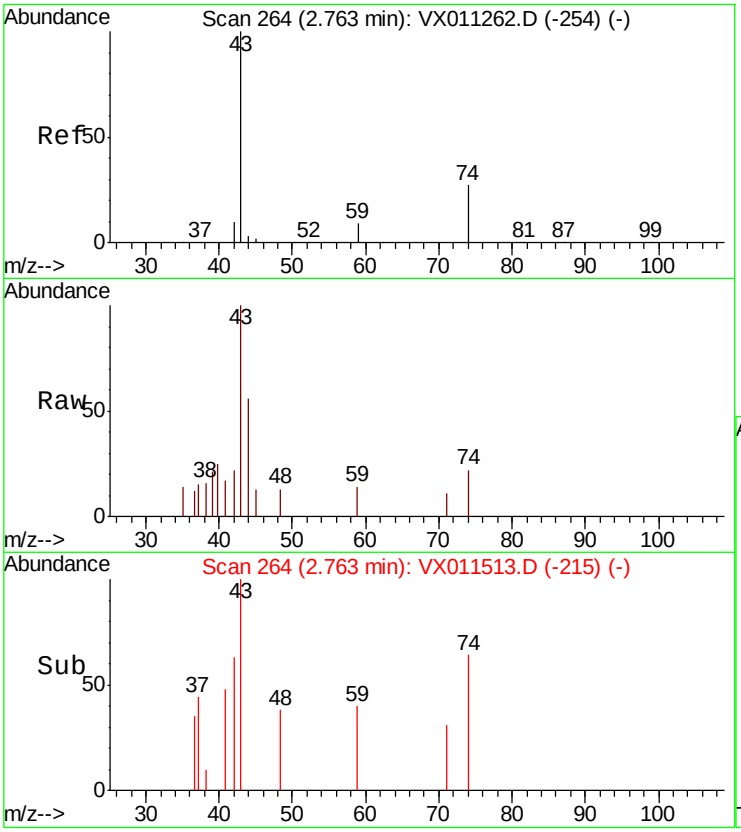


#16
Acetone
Concen: 9.945 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Tgt Ion: 43 Resp: 8706

Ion	Ratio	Lower	Upper
43	100		
58	31.7	27.4	41.0



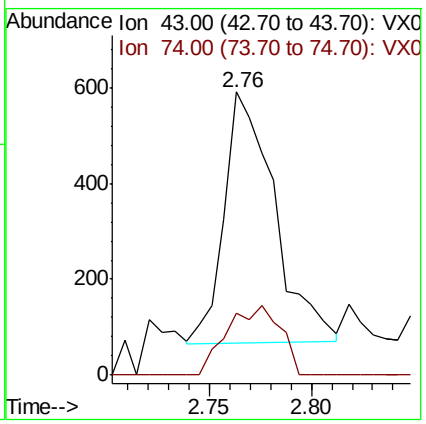


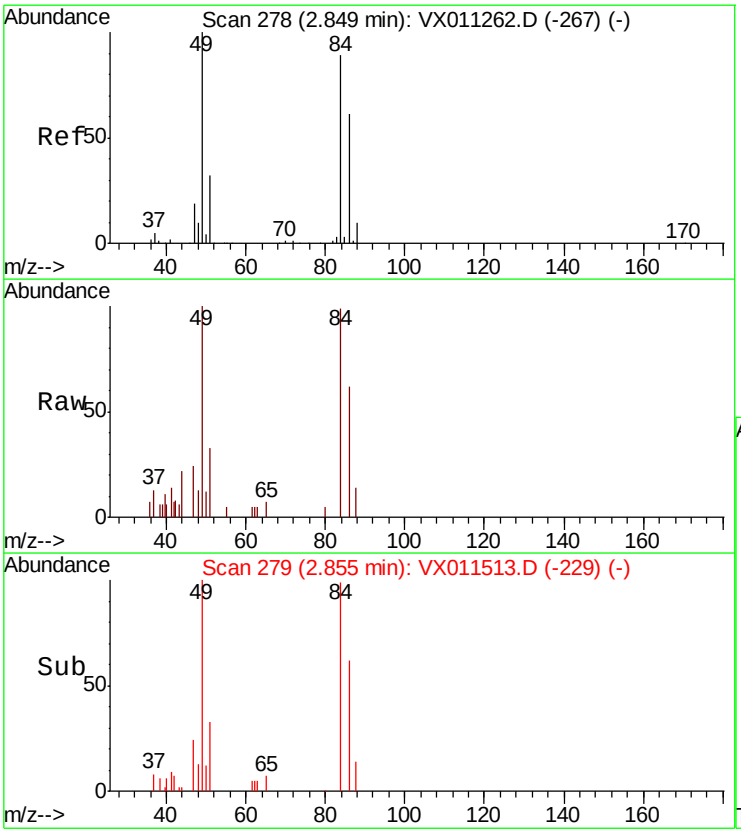
#18
Methyl Acetate
Concen: 0.447 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Tgt Ion: 43 Resp: 895

Ion	Ratio	Lower	Upper
43	100		
74	29.5	21.0	31.6

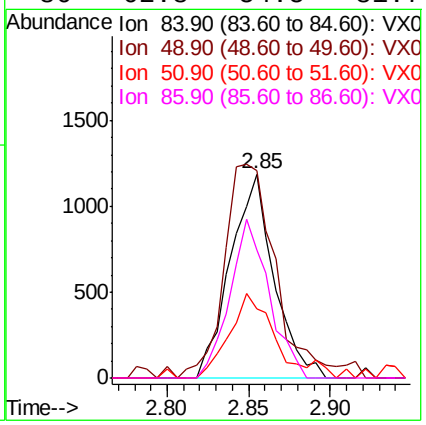


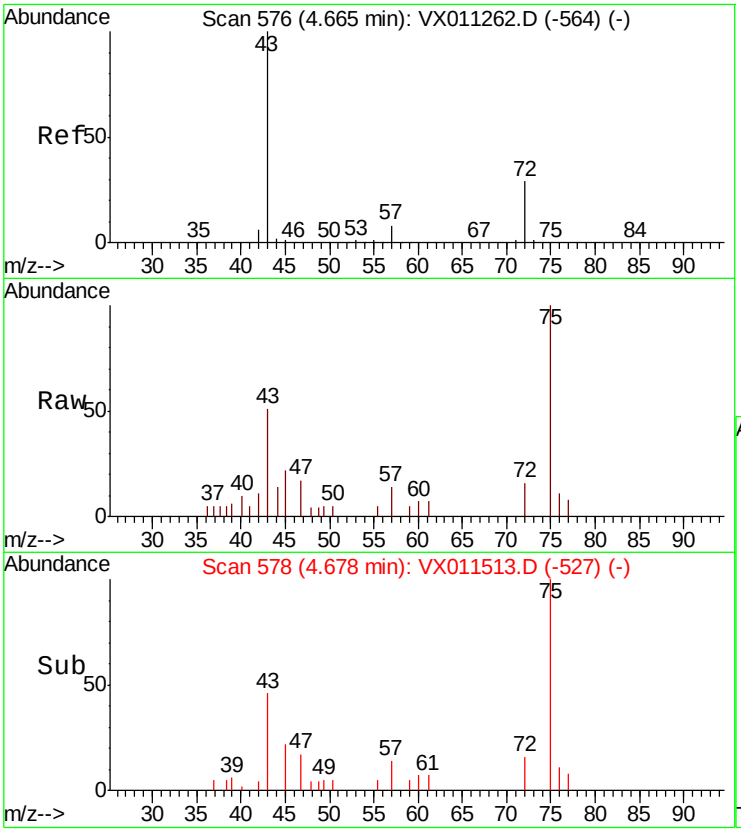


#20
Methylene Chloride
Concen: 1.156 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Tgt Ion: 84 Resp: 2217

Ion	Ratio	Lower	Upper
84	100		
49	96.8	89.3	133.9
51	33.8	28.3	42.5
86	62.8	54.5	81.7



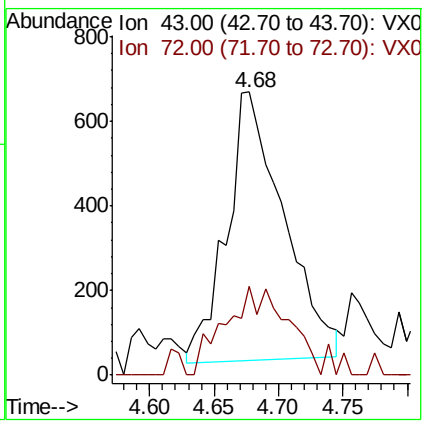


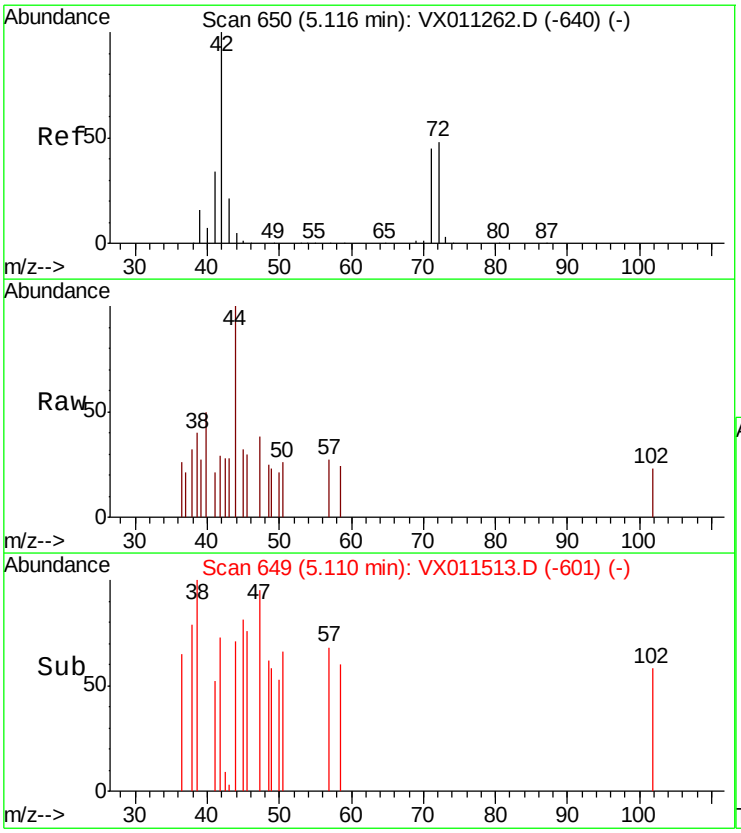
#25
2-Butanone
Concen: 1.564 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Tgt Ion: 43 Resp: 1948

Ion	Ratio	Lower	Upper
43	100		
72	34.0	23.2	34.8

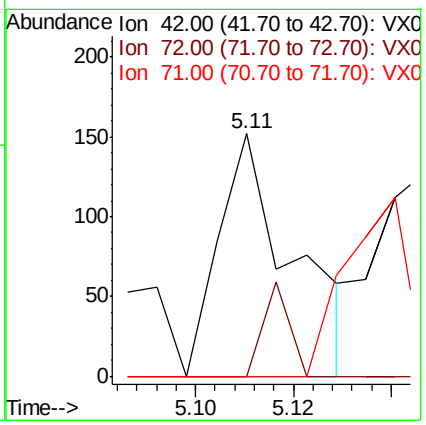


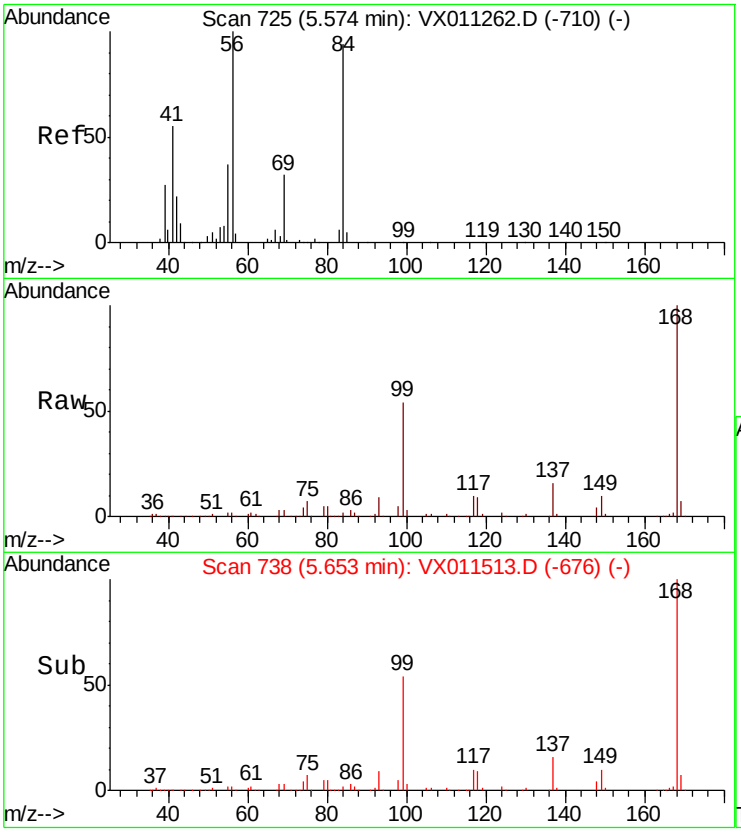


#29
Tetrahydrofuran
Concen: 0.210 ug/l
RT: 5.11 min Scan# 649
Delta R.T. -0.01 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Tgt Ion: 42 Resp: 160

Ion	Ratio	Lower	Upper
42	100		
72	13.8	39.9	59.9#
71	0.0	36.9	55.3#



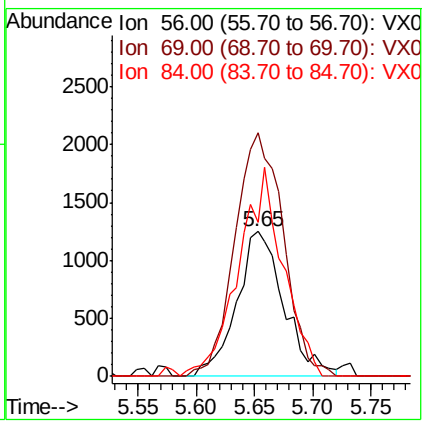


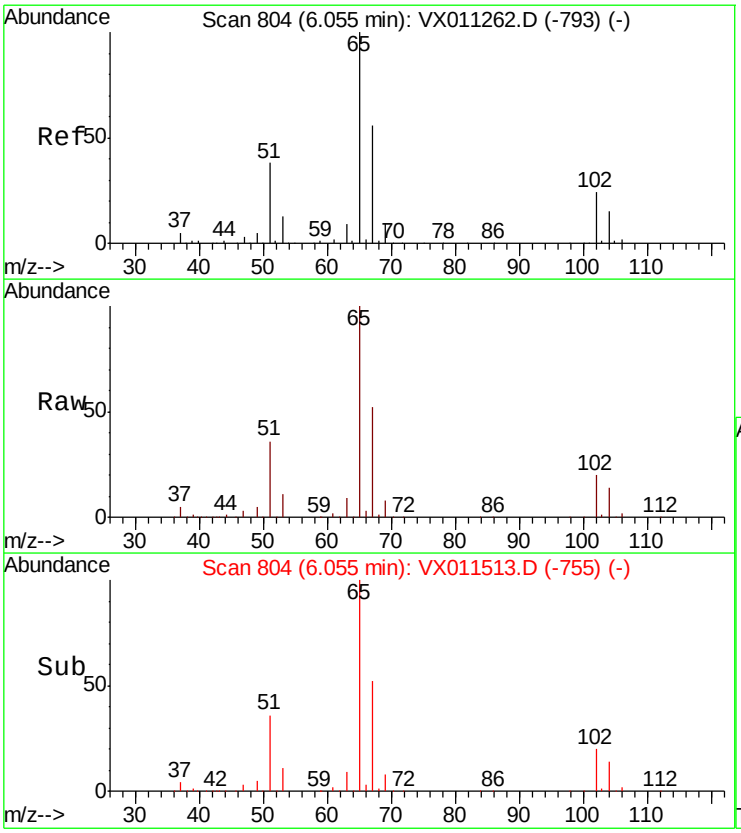
#31
Cyclohexane
Concen: 1.488 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Tgt Ion: 56 Resp: 3525

Ion	Ratio	Lower	Upper
56	100		
69	168.2	25.5	38.3#
84	106.2	75.0	112.4

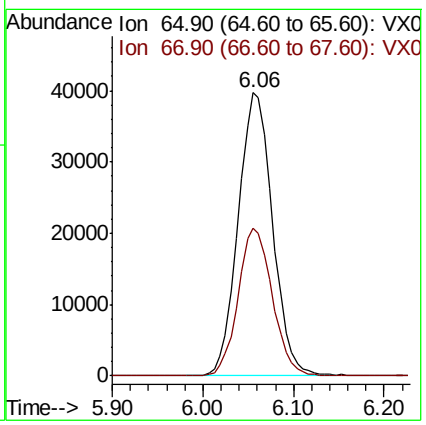


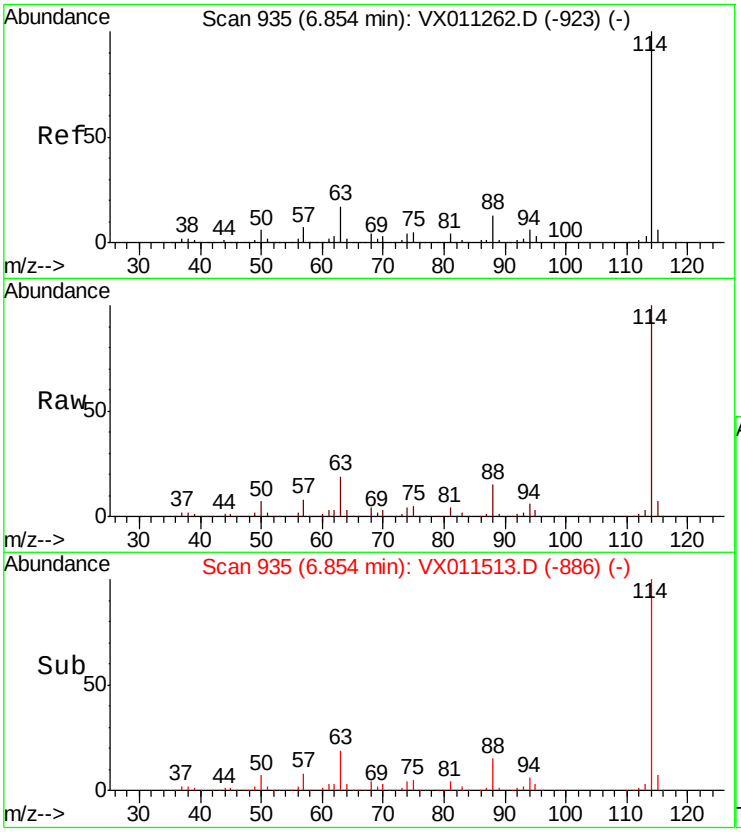


#33
1,2-Dichloroethane-d4
Concen: 56.757 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Tgt Ion: 65 Resp: 104392

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	110.6



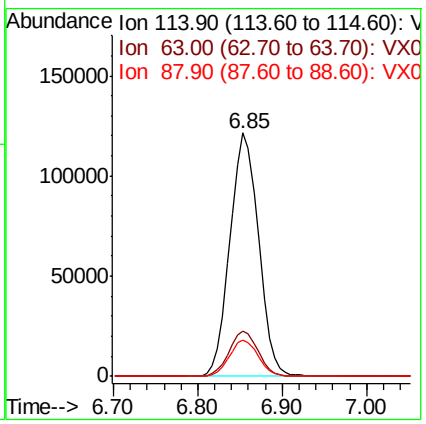


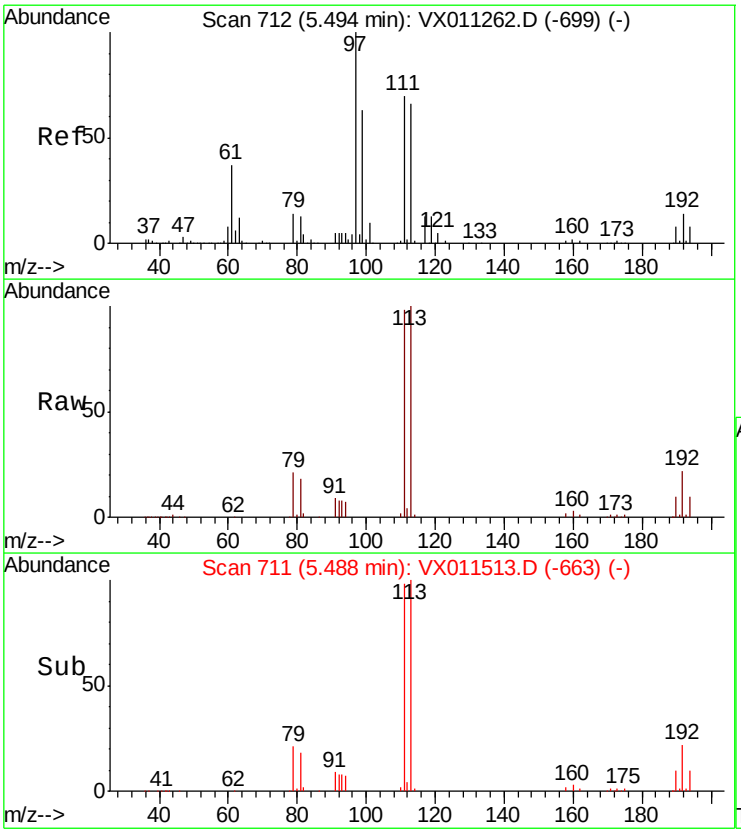
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Tgt Ion:114 Resp: 279967

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	34.0
88	14.8	0.0	26.4

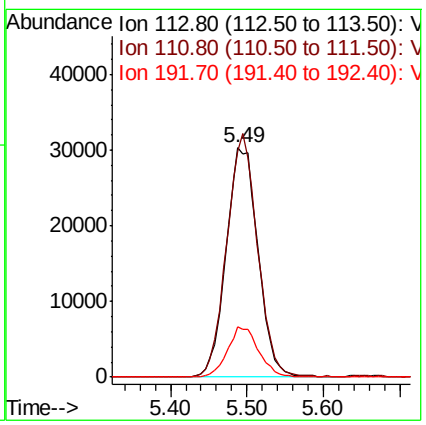


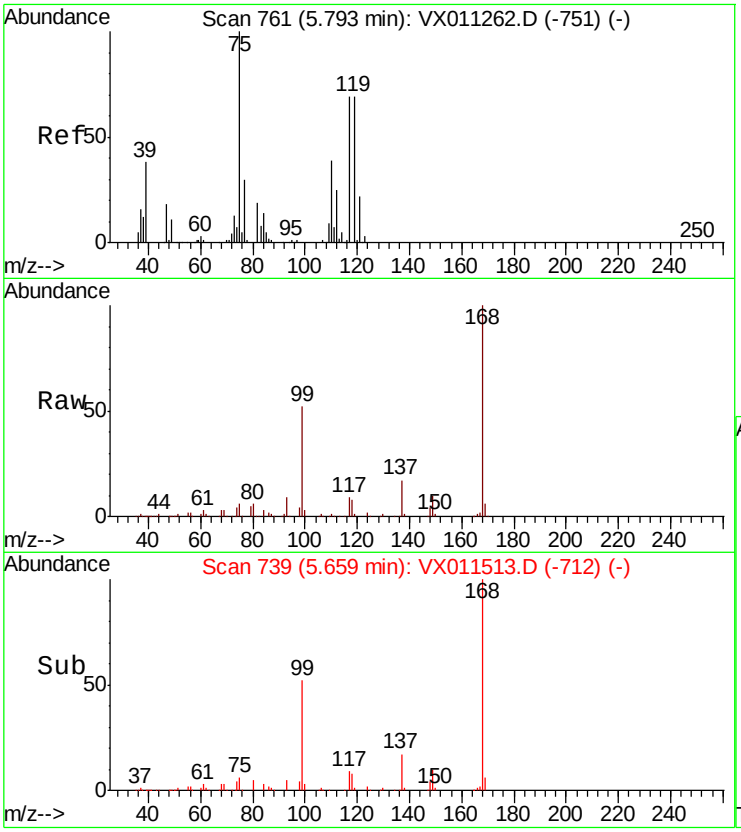


#35
Dibromofluoromethane
Concen: 47.963 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Tgt Ion:113 Resp: 87669

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	21.3	17.8	26.8



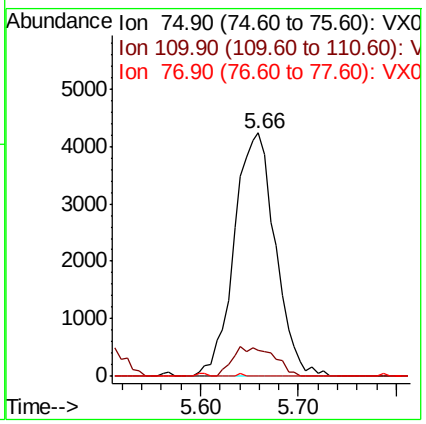


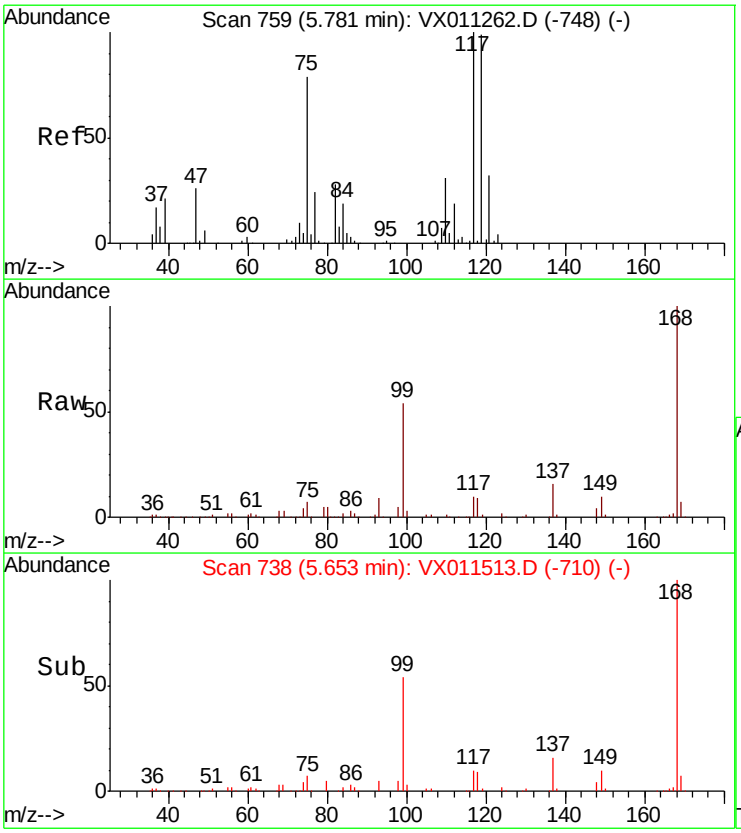
#36
1,1-Dichloropropene
Concen: 5.041 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Tgt Ion: 75 Resp: 12321

Ion	Ratio	Lower	Upper
75	100		
110	12.2	20.0	59.9#
77	0.2	24.8	37.2#

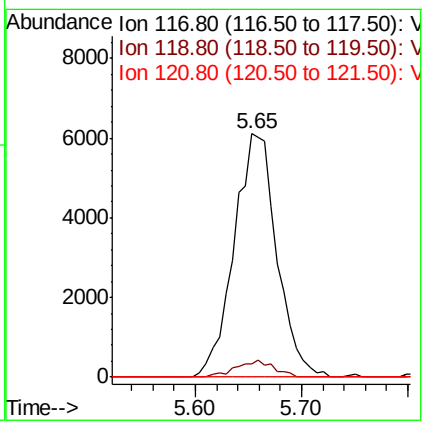


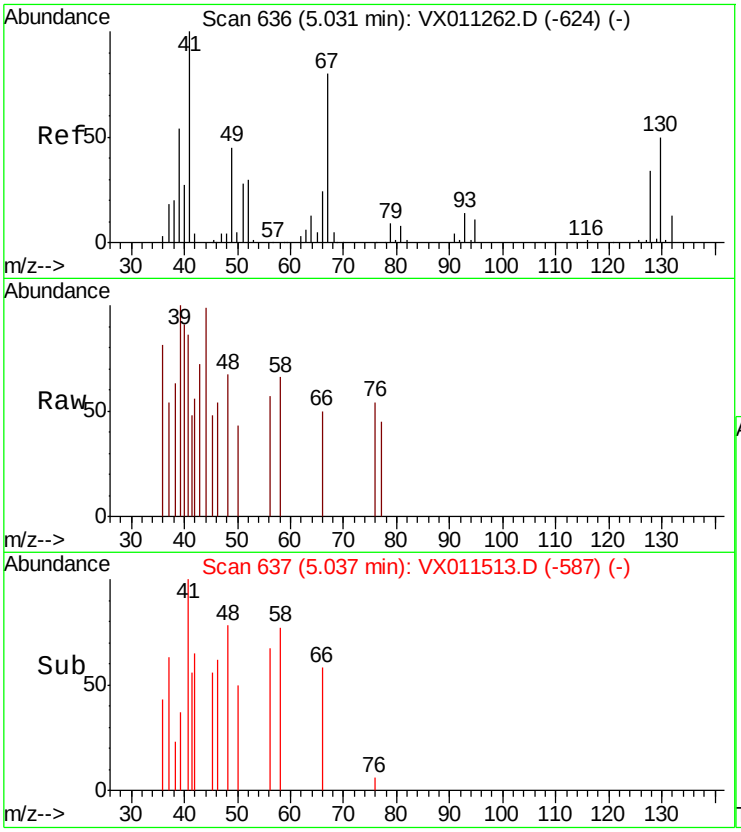


#38
Carbon Tetrachloride
Concen: 6.987 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Tgt Ion:117 Resp: 17183

Ion	Ratio	Lower	Upper
117	100		
119	5.6	79.0	118.4#
121	0.0	25.9	38.9#



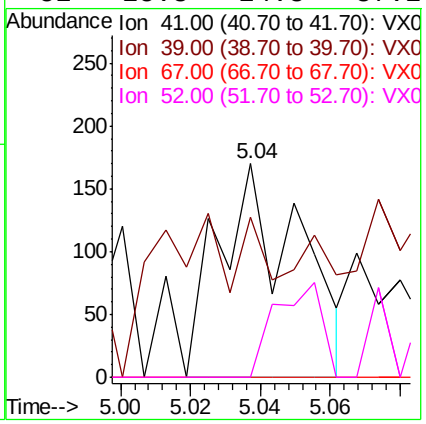


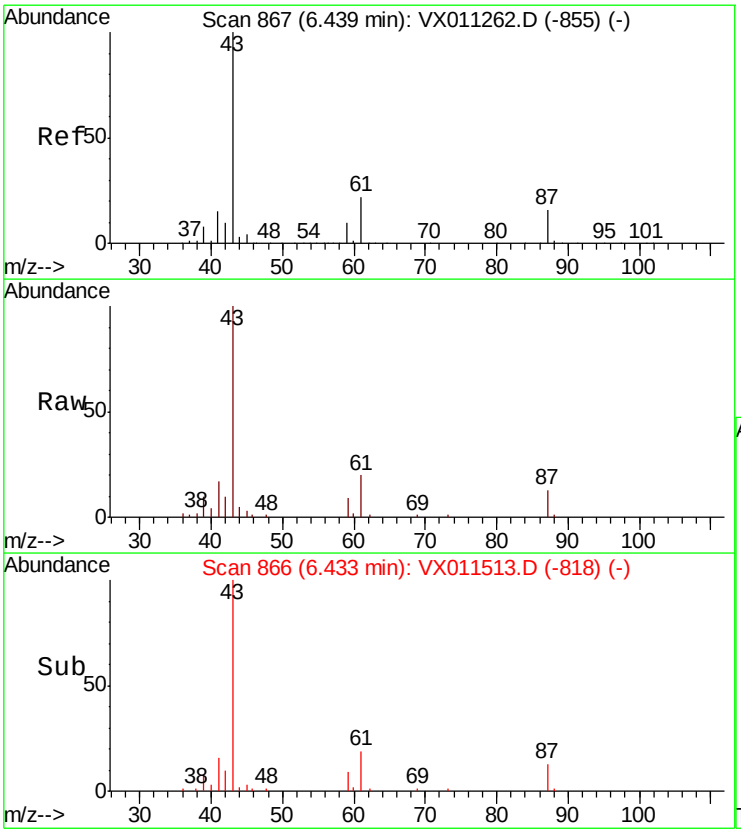
#41
Methacrylonitrile
Concen: 0.202 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Tgt Ion: 41 Resp: 271

Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.0	64.6#
67	0.0	65.1	97.7#
52	25.8	24.8	37.2

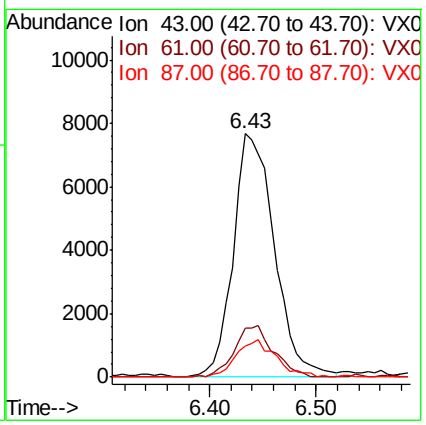


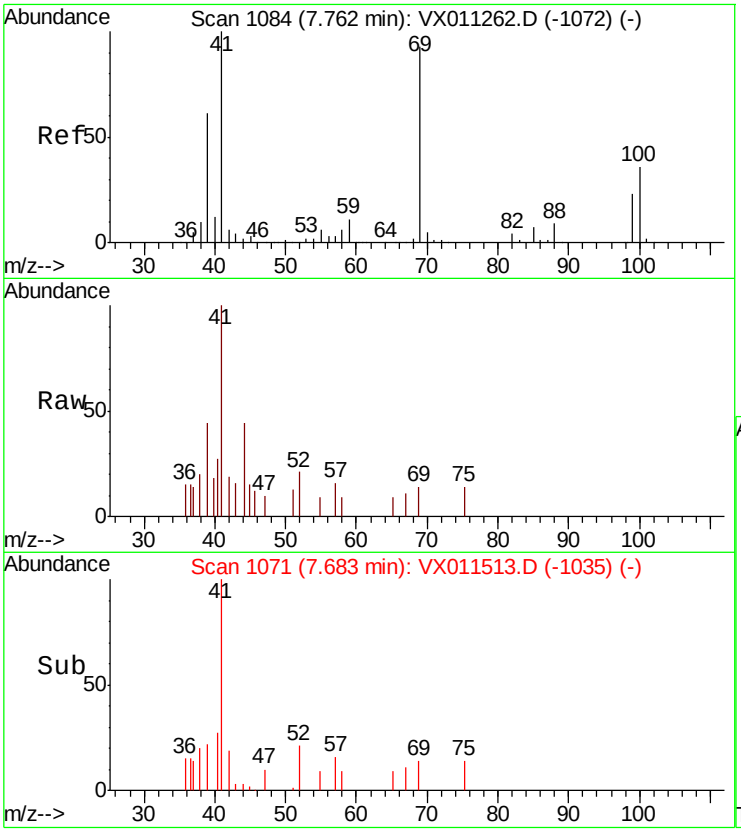


#43
Isopropyl Acetate
Concen: 5.328 ug/l
RT: 6.43 min Scan# 866
Delta R.T. -0.01 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Tgt Ion: 43 Resp: 20886

Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.5	24.7
87	14.8	12.1	18.1



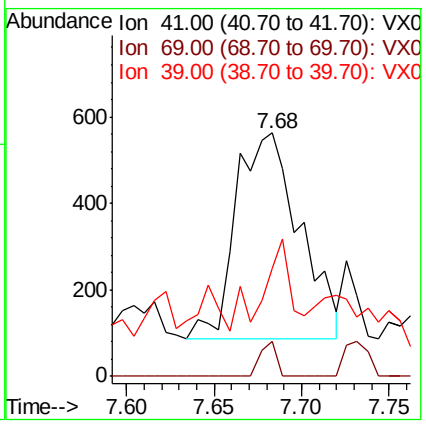


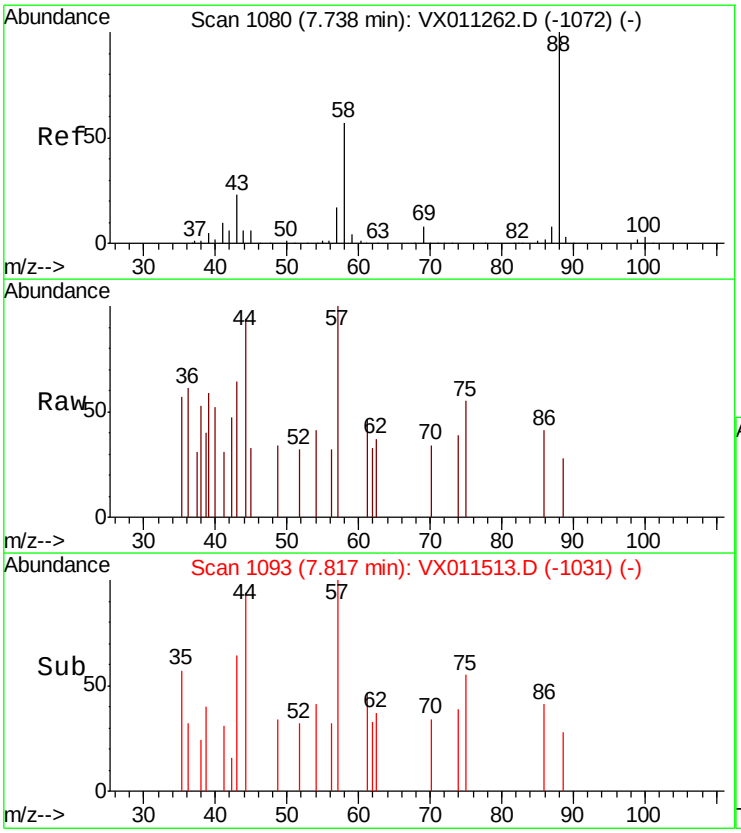
#48
Methyl methacrylate
Concen: 0.653 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.08 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Tgt Ion: 41 Resp: 1205

Ion	Ratio	Lower	Upper
41	100		
69	4.2	74.5	111.7#
39	0.0	48.6	72.8#

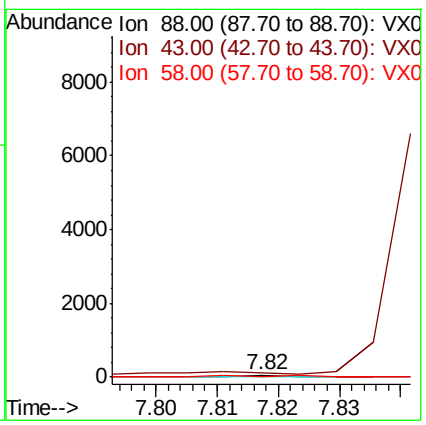


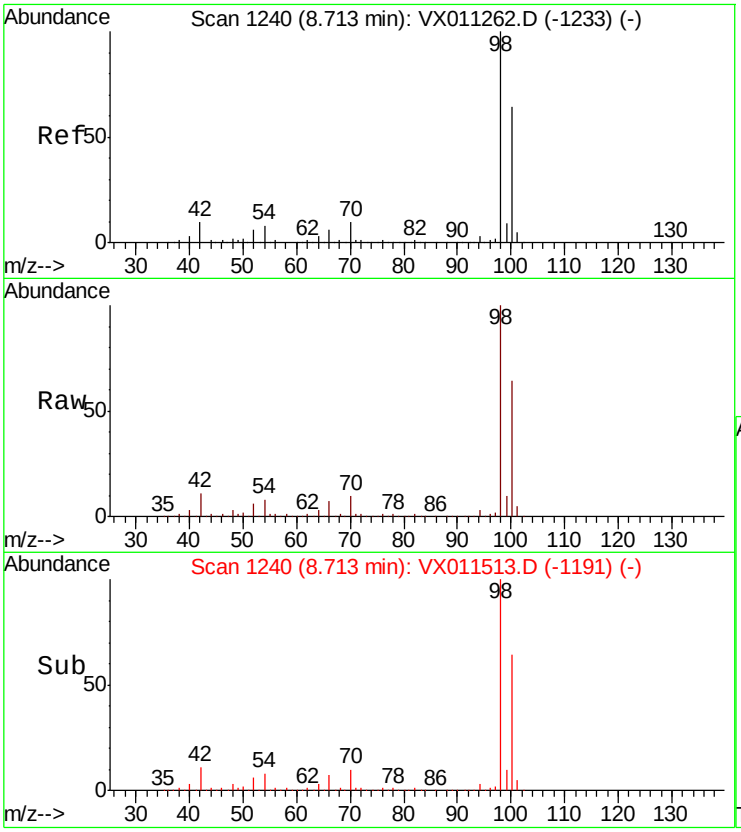


#49
1,4-Dioxane
Concen: 0.355 ug/l
RT: 7.82 min Scan# 1093
Delta R.T. 0.08 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.2#
58	0.0	47.8	71.8#



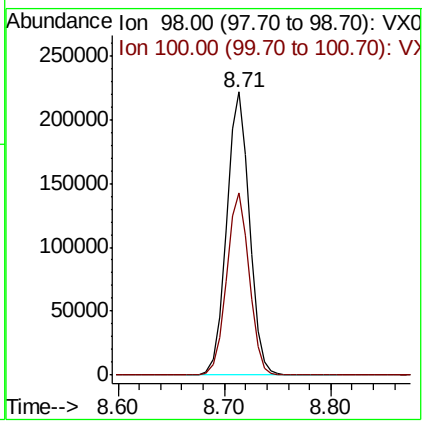


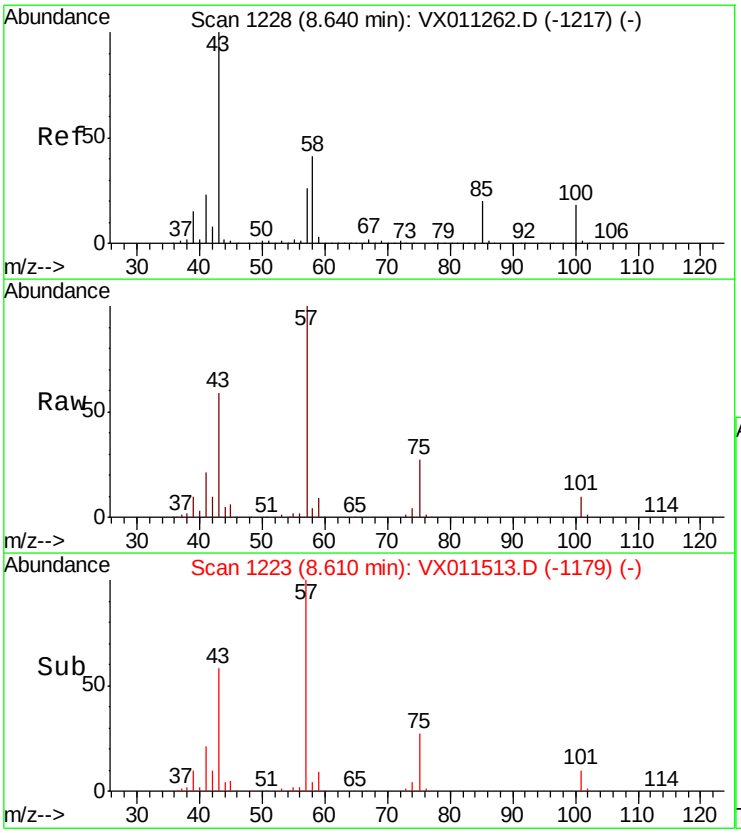
#50
Toluene-d8
Concen: 48.145 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Tgt Ion: 98 Resp: 332181

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.7	77.5

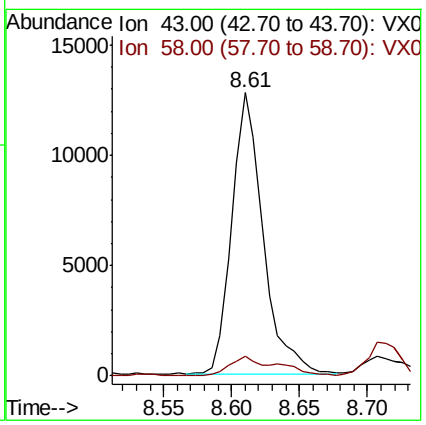


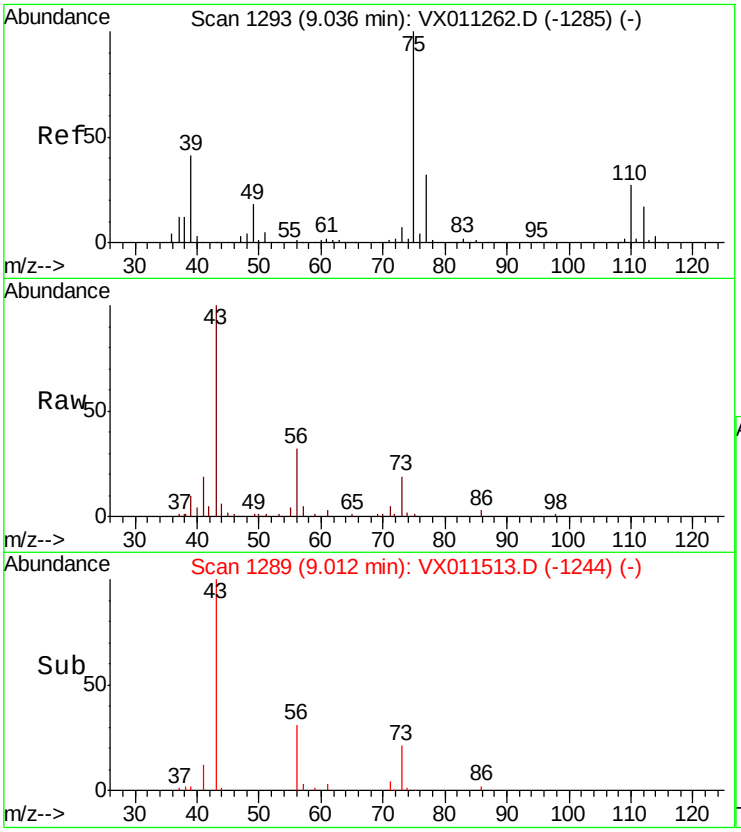


#51
4-Methyl-2-Pentanone
Concen: 8.120 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Tgt Ion: 43 Resp: 20542

Ion	Ratio	Lower	Upper
43	100		
58	10.3	32.3	48.5#



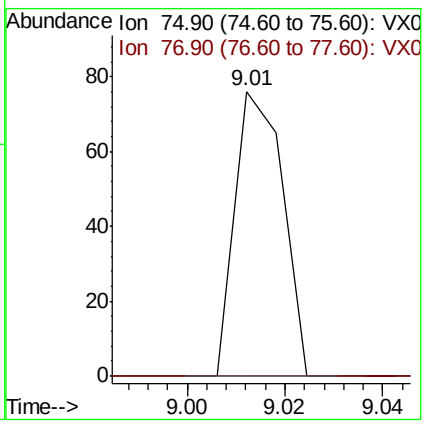


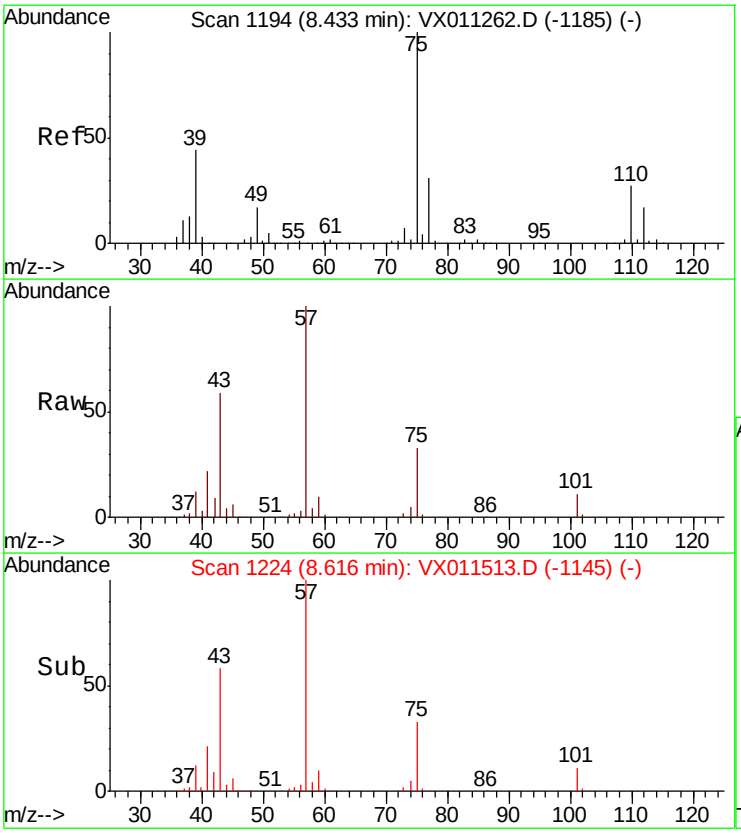
#53
t-1,3-Dichloropropene
Concen: 2.856 ug/l
RT: 9.01 min Scan# 1289
Delta R.T. -0.02 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Tgt Ion: 75 Resp: 52

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#

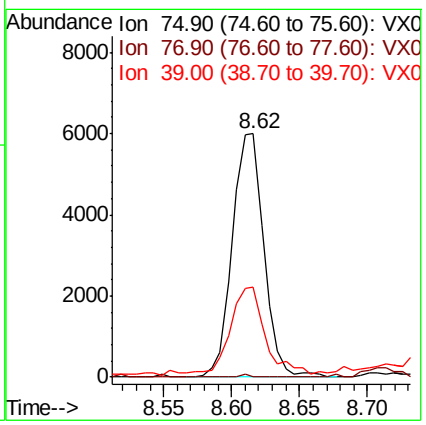


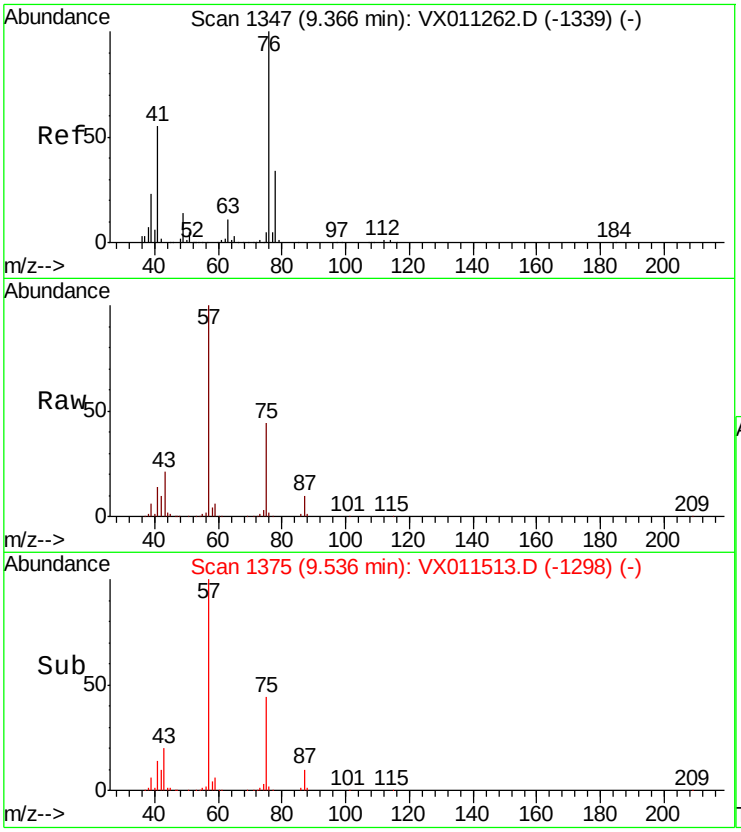


#54
cis-1,3-Dichloropropene
Concen: 3.556 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Tgt Ion: 75 Resp: 9699

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.6#
39	35.2	35.3	52.9#



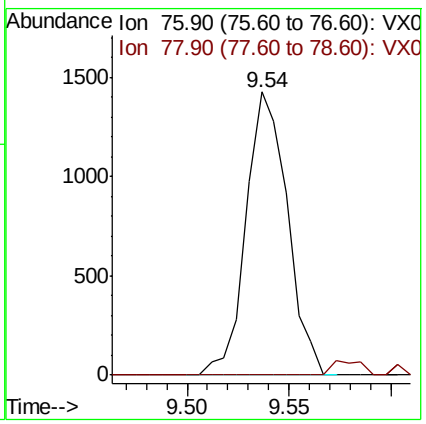


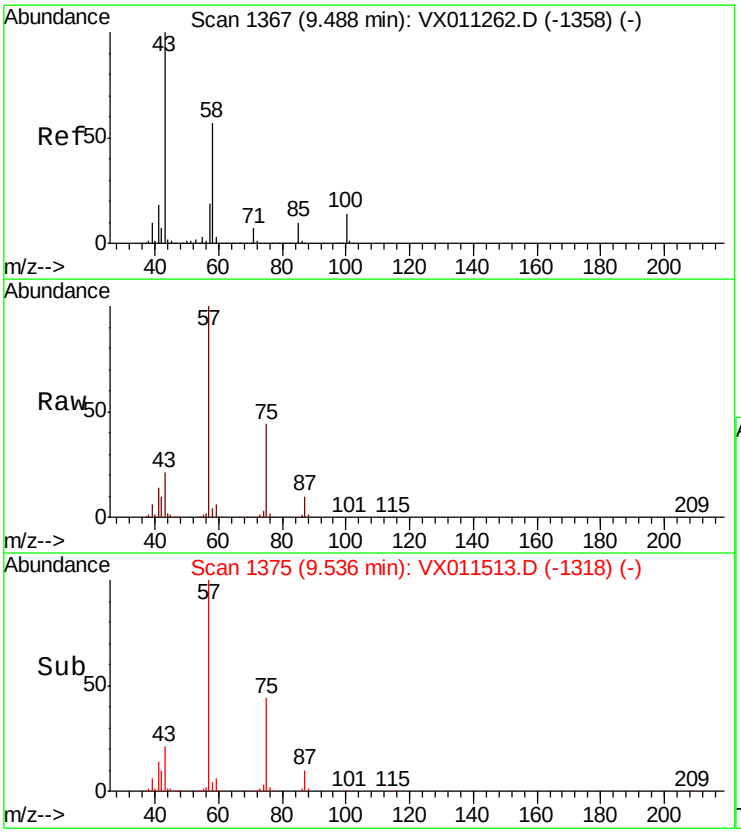
#57
1,3-Dichloropropane
Concen: 0.641 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Tgt Ion: 76 Resp: 2011

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.6	40.0#

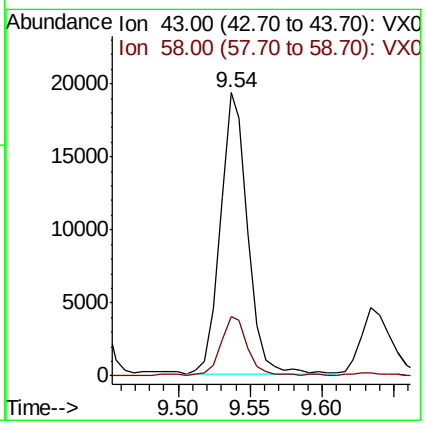


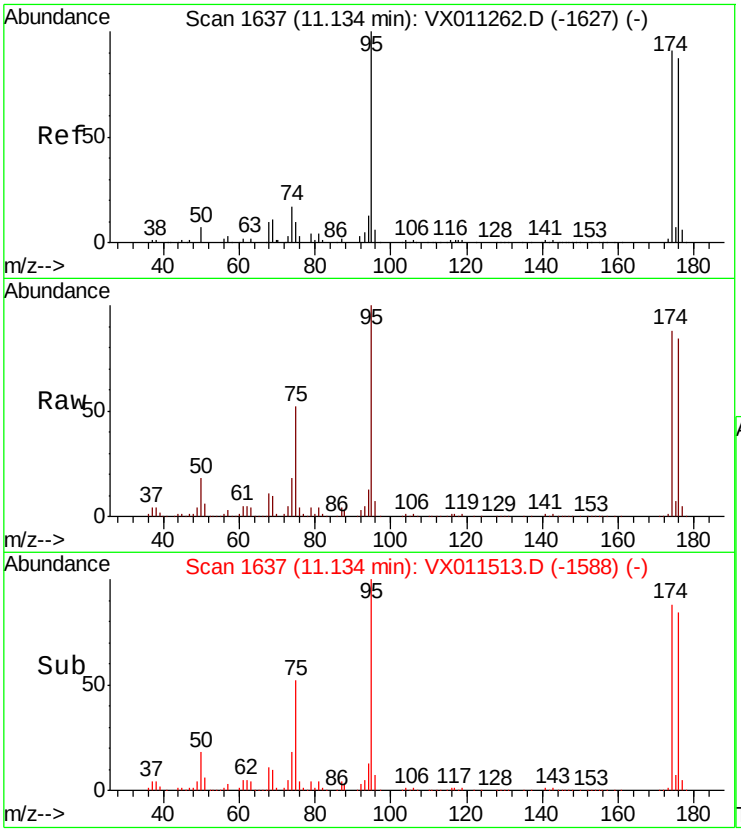


#59
2-Hexanone
Concen: 12.999 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Tgt Ion: 43 Resp: 25472

Ion	Ratio	Lower	Upper
43	100		
58	19.8	28.2	84.6#



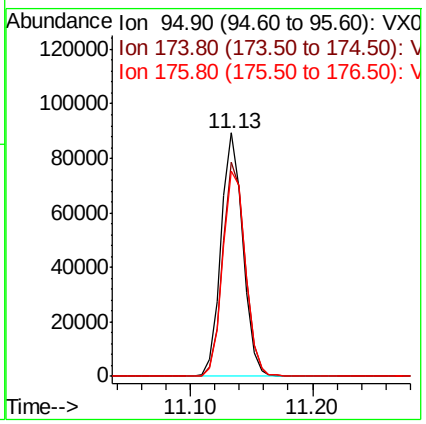


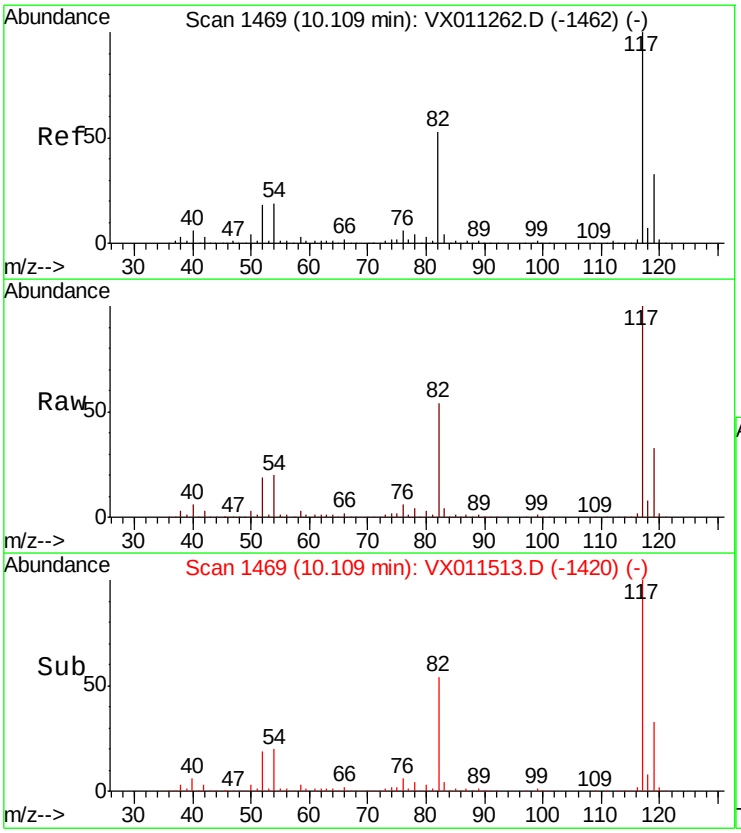
#62
4-Bromofluorobenzene
Concen: 45.009 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Tgt Ion: 95 Resp: 110873

Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	191.2
176	87.7	0.0	184.8

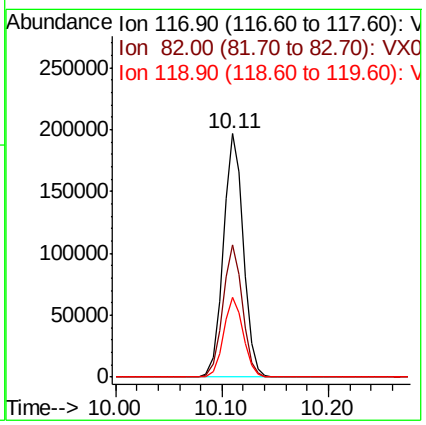


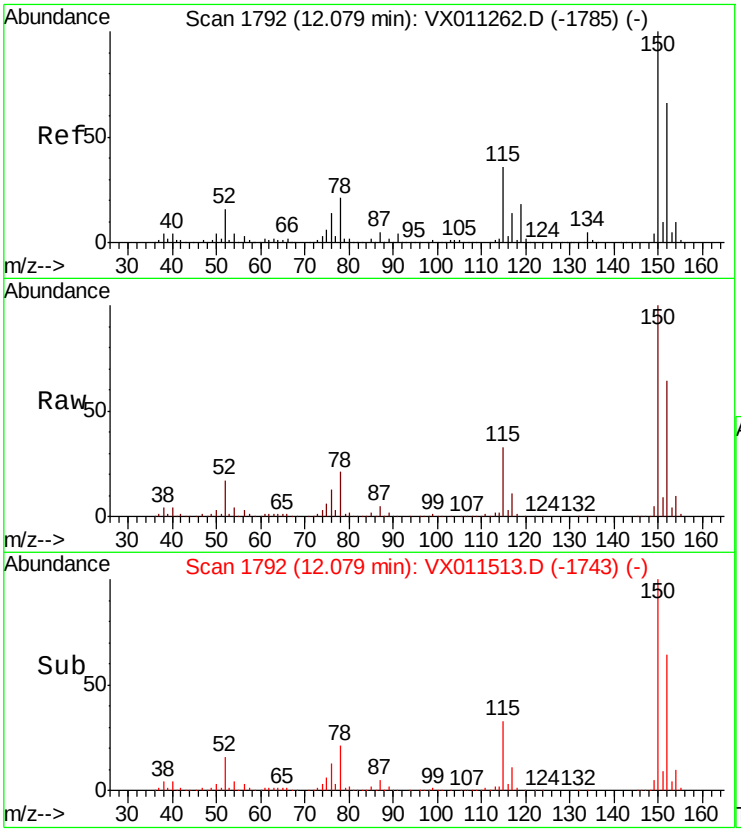


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Tgt Ion:117 Resp: 258539

Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.2	63.2
119	32.6	26.6	39.8



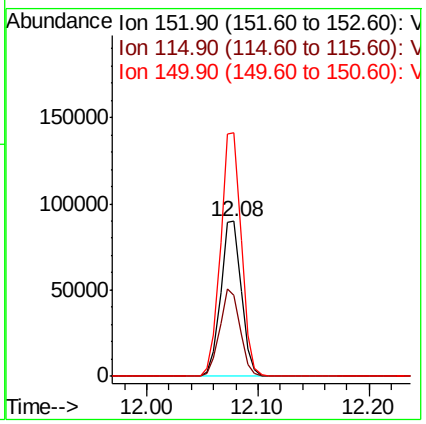


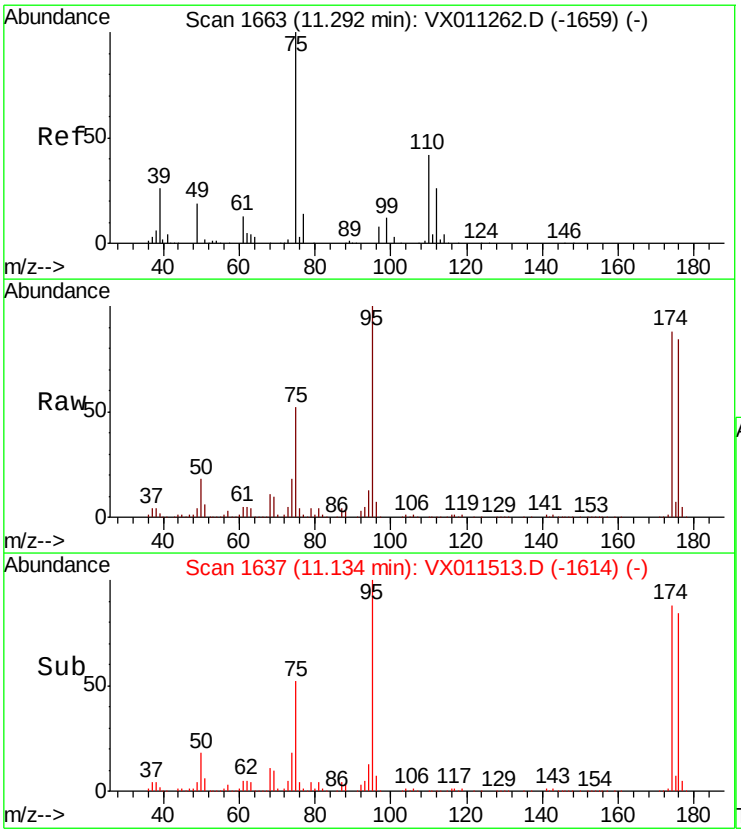
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Tgt Ion:152 Resp: 115607

Ion	Ratio	Lower	Upper
152	100		
115	55.3	40.0	119.9
150	157.5	0.0	350.4

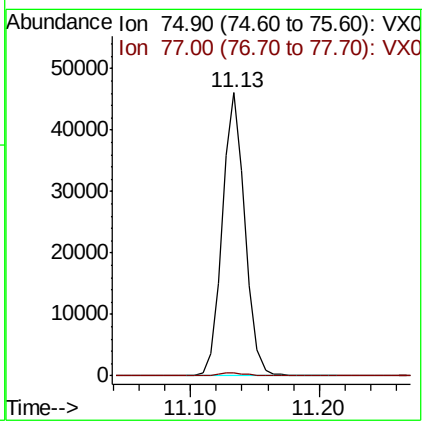


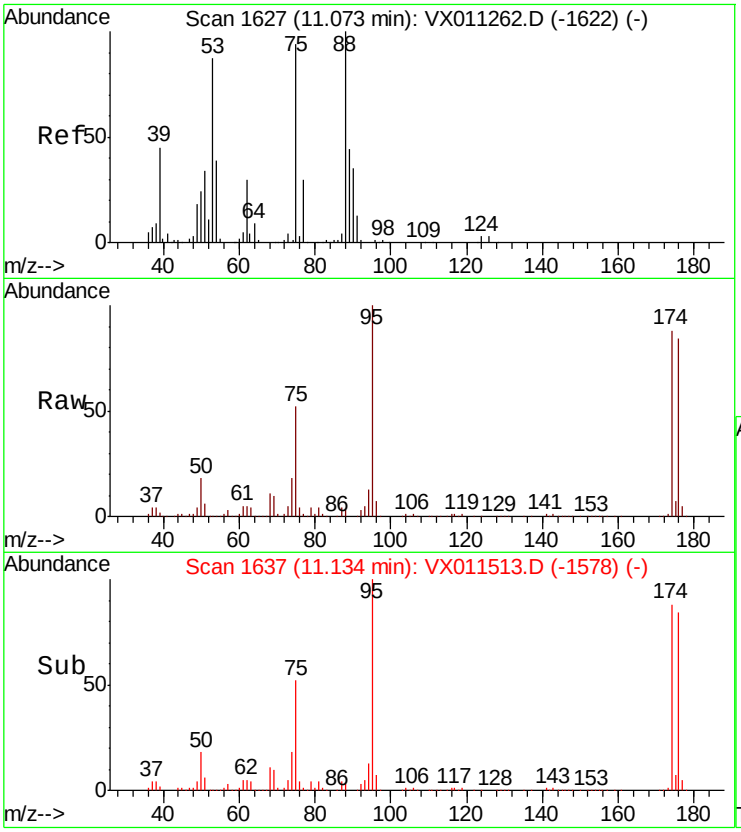


#76
1,2,3-Trichloropropane
Concen: 27.028 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Tgt Ion: 75 Resp: 56904

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.1	63.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.165 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Tgt Ion: 75 Resp: 56904

Ion	Ratio	Lower	Upper
75	100		
53	0.3	78.2	117.4#
89	0.1	37.9	56.9#