Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF041919\
Data File : VF062223.D
Acq On : 19 Apr 2019 14:23
Operator : FY/SY
Sample : K2197-13RE
Misc : 6.74g/5mL/MSVOA_F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CL-01-041619-E

Quant Time: Apr 19 15:57:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 03:56:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	407327	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	603296	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	458351	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	262639	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	207897	55.66	ug/l	0.03
Spiked Amount 50.000			Recovery = 111.32%			
35) Dibromofluoromethane	4.32	113	289874	54.93	ug/l	0.02
Spiked Amount 50.000			Recovery = 109.86%			
50) Toluene-d8	7.73	98	656313	49.13	ug/l	0.03
Spiked Amount 50.000			Recovery = 98.26%			
62) 4-Bromofluorobenzene	11.50	95	273121	53.15	ug/l	0.02
Spiked Amount 50.000			Recovery = 106.30%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.71	59	2566	9.884	ug/l #	80
13) Acrolein	2.11	56	1178	Below Cal	#	71
16) Acetone	2.35	43	10494	11.755	ug/l #	90
18) Methyl Acetate	2.50	43	8634	Below Cal	#	64
20) Methylene Chloride	2.36	84	31614	1.085	ug/l	94
25) 2-Butanone	4.55	43	4381	2.454	ug/l #	77
29) Tetrahydrofuran	4.32	42	3597	4.452	ug/l #	59
36) 1,1-Dichloropropene	4.23	75	49706	6.872	ug/l #	43
49) 1,4-Dioxane	6.90	88	73	2.698	ug/l #	1
59) 2-Hexanone	9.64	43	3816	2.428	ug/l	76
74) N-amyl acetate	11.45	43	2619	Below Cal	#	54
81) trans-1,4-Dichloro-2-buten	11.96	75	1515	1.113	ug/l #	80
89) n-Butylbenzene	12.90	91	3388	Below Cal	#	80

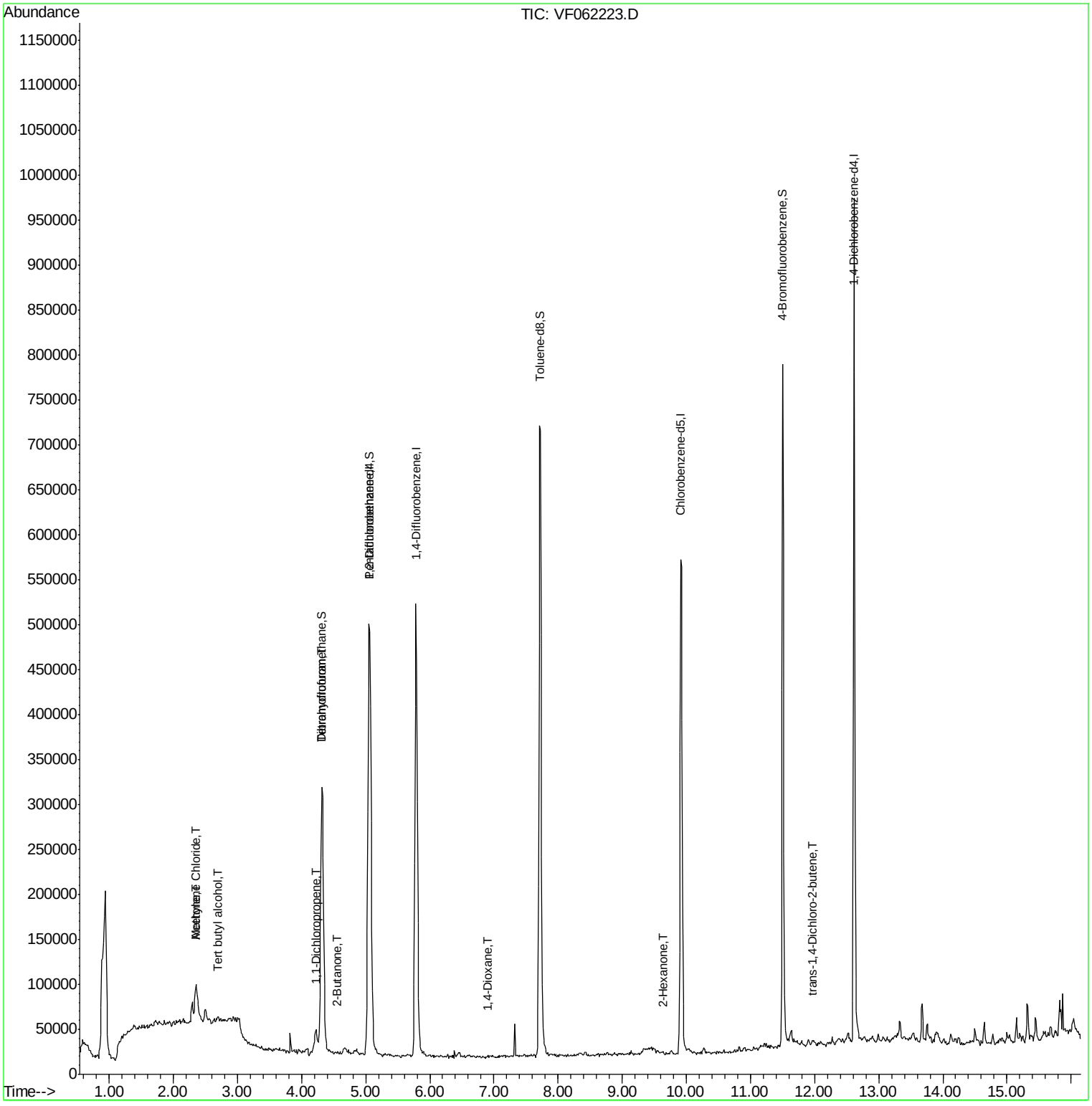
(#) = qualifier out of range (m) = manual integration (+) = signals summed

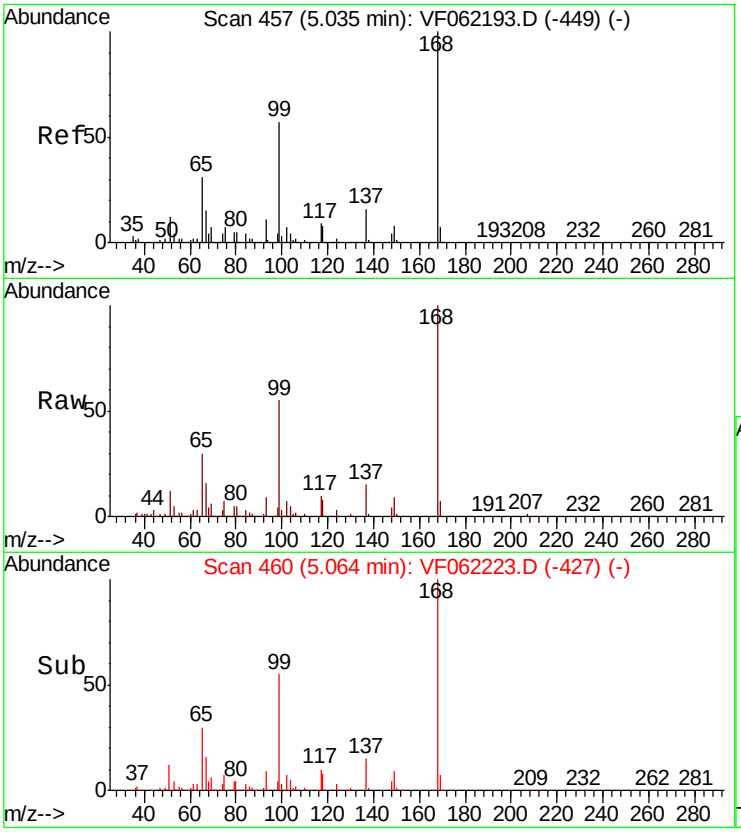
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF041919\
Data File : VF062223.D
Acq On : 19 Apr 2019 14:23
Operator : FY/SY
Sample : K2197-13RE
Misc : 6.74g/5mL/MSVOA_F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CL-01-041619-E

Quant Time: Apr 19 15:57:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 03:56:19 2019
Response via : Initial Calibration



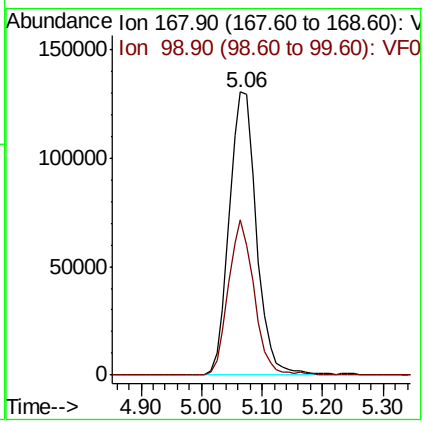


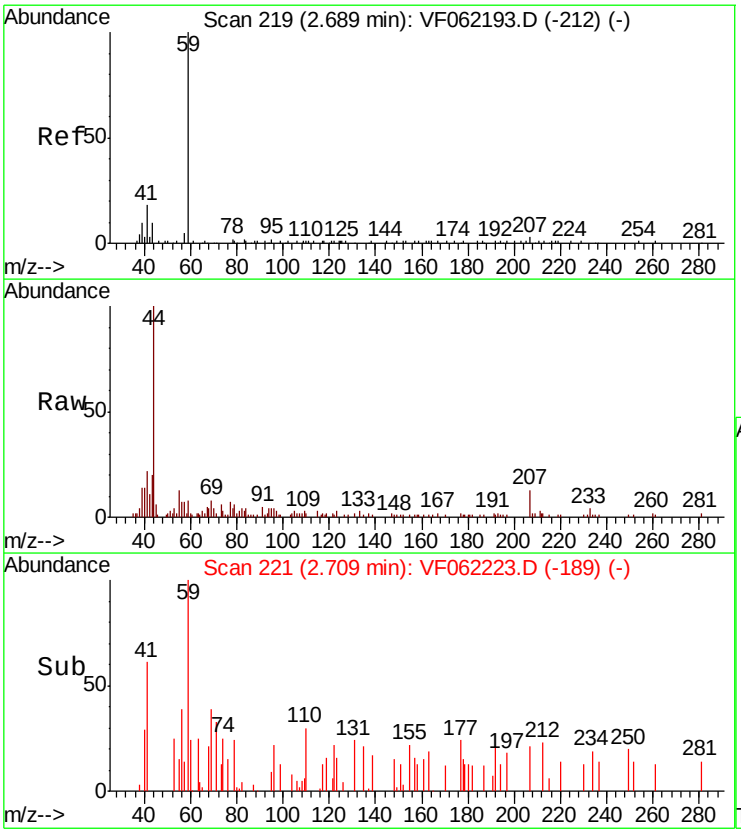
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 460
Delta R.T. 0.03 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Instrument :
MSVOA_F
ClientSampleId :
CL-01-041619-E

Tgt Ion:168 Resp: 407327

Ion	Ratio	Lower	Upper
168	100		
99	54.9	45.5	68.3

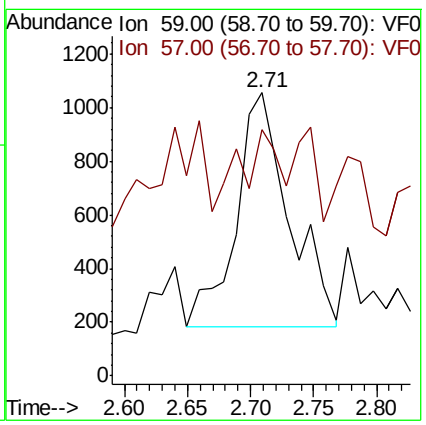


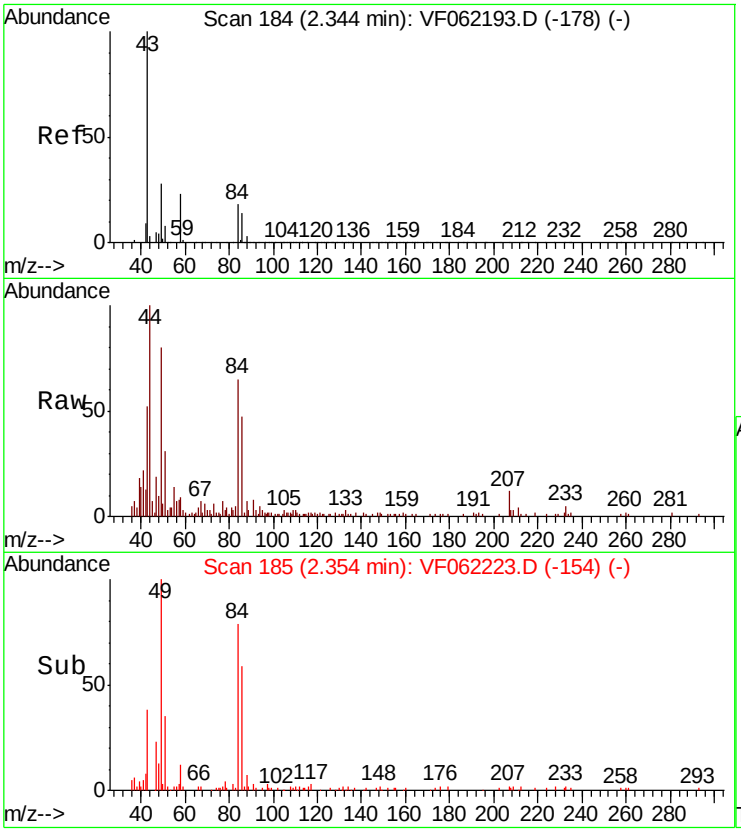


#11
Tert butyl alcohol
Concen: 9.884 ug/l
RT: 2.71 min Scan# 221
Delta R.T. 0.02 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Tgt Ion: 59 Resp: 2566

Ion	Ratio	Lower	Upper
59	100		
57	19.4	9.3	13.9#



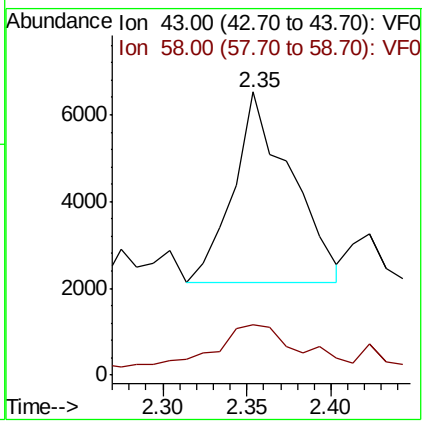


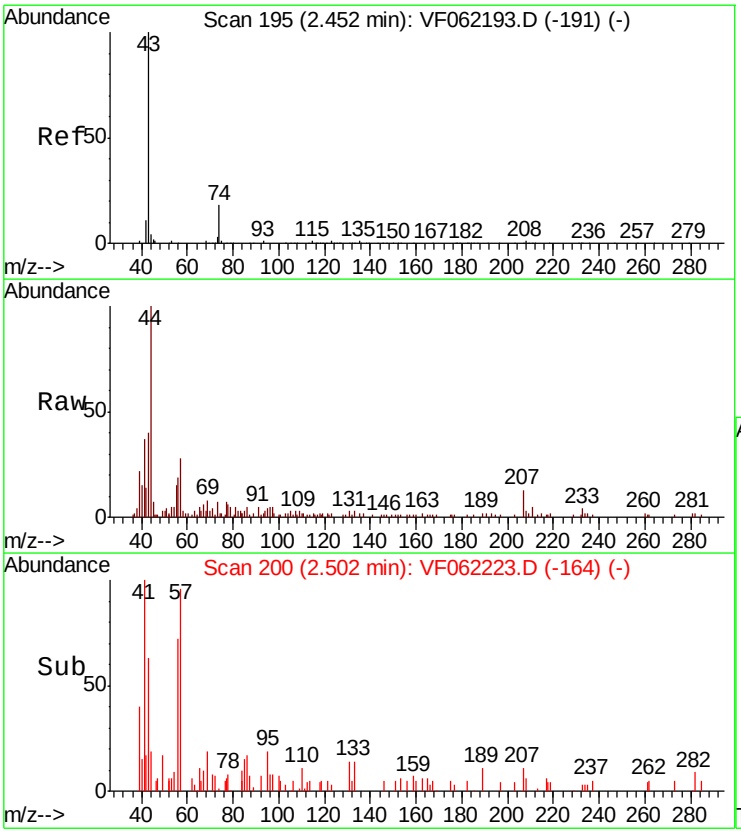
#16
Acetone
Concen: 11.755 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Instrument :
MSVOA_F
ClientSampleId :
CL-01-041619-E

Tgt Ion: 43 Resp: 10494

Ion	Ratio	Lower	Upper
43	100		
58	18.6	18.8	28.2#

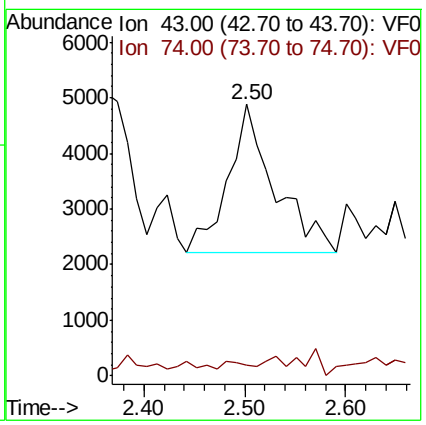


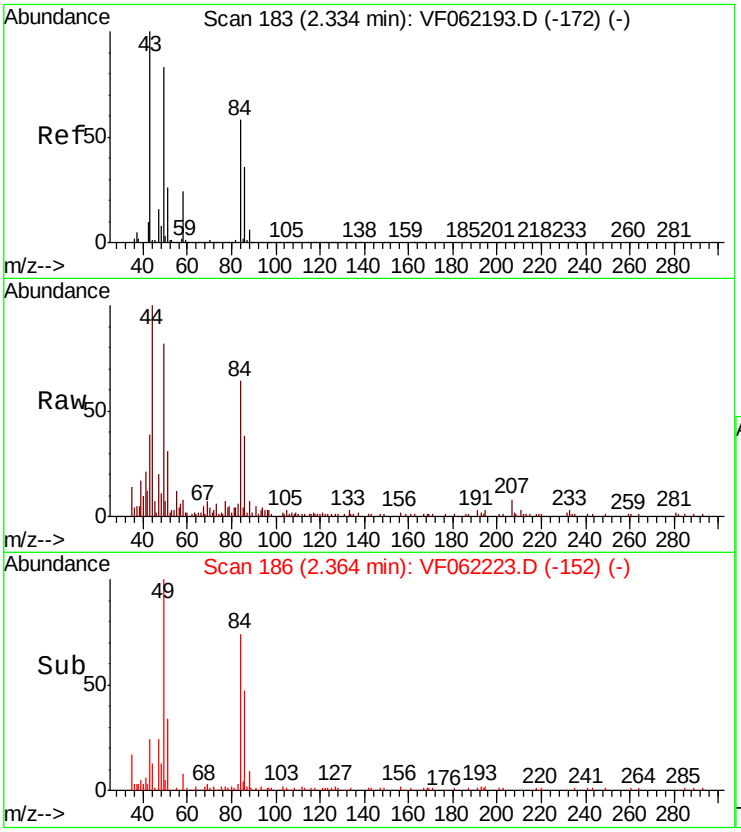


#18
Methyl Acetate
Concen: Below Cal
RT: 2.50 min Scan# 200
Delta R.T. 0.05 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Tgt Ion: 43 Resp: 8634

Ion	Ratio	Lower	Upper
43	100		
74	2.3	14.5	21.7#



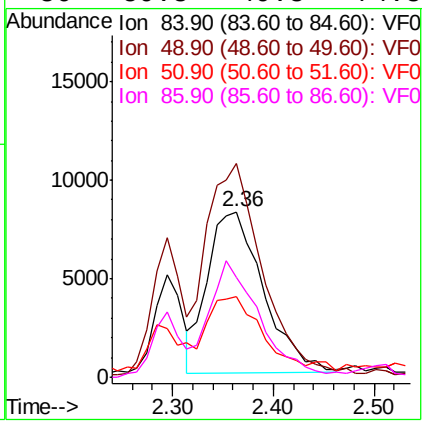


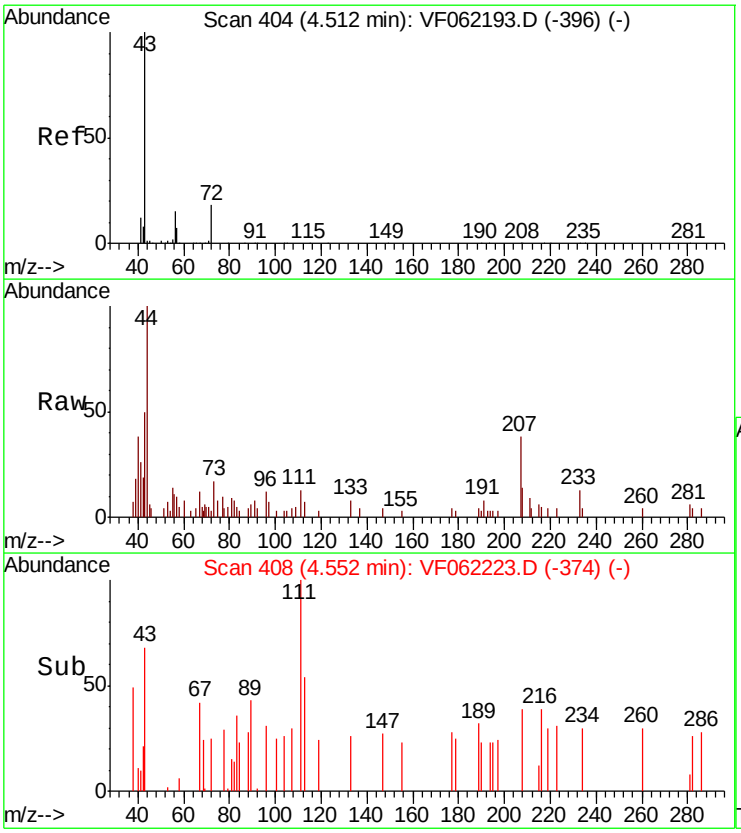
#20
Methylene Chloride
Concen: 1.085 ug/l
RT: 2.36 min Scan# 186
Delta R.T. 0.03 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Instrument : MSVOA_F
ClientSampleId : CL-01-041619-E

Tgt Ion: 84 Resp: 31614

Ion	Ratio	Lower	Upper
84	100		
49	131.4	114.0	171.0
51	47.2	37.0	55.4
86	59.8	49.8	74.8

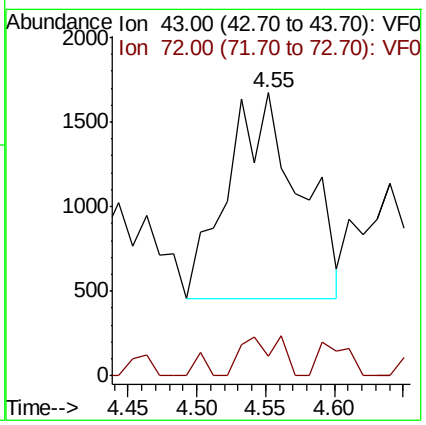


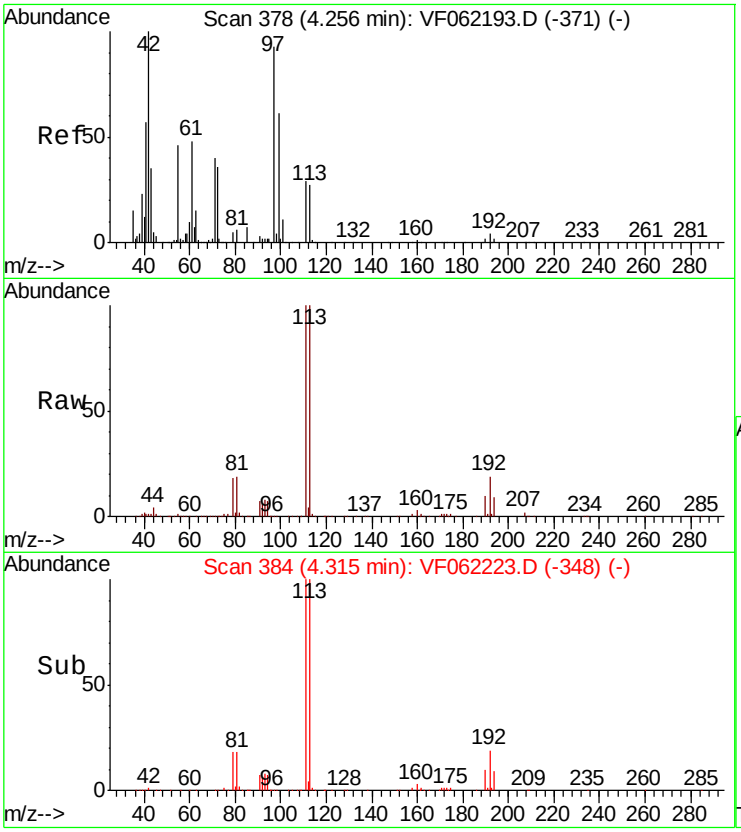


#25
2-Butanone
Concen: 2.454 ug/l
RT: 4.55 min Scan# 408
Delta R.T. 0.04 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Tgt Ion: 43 Resp: 4381

Ion	Ratio	Lower	Upper
43	100		
72	9.3	16.1	24.1#



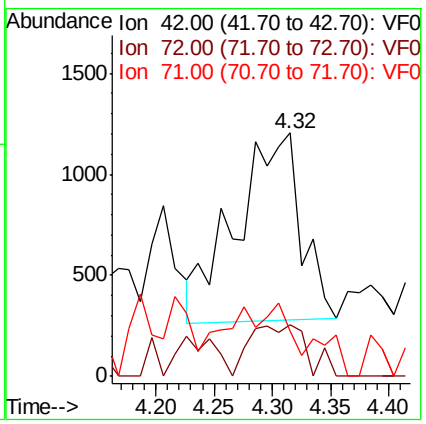


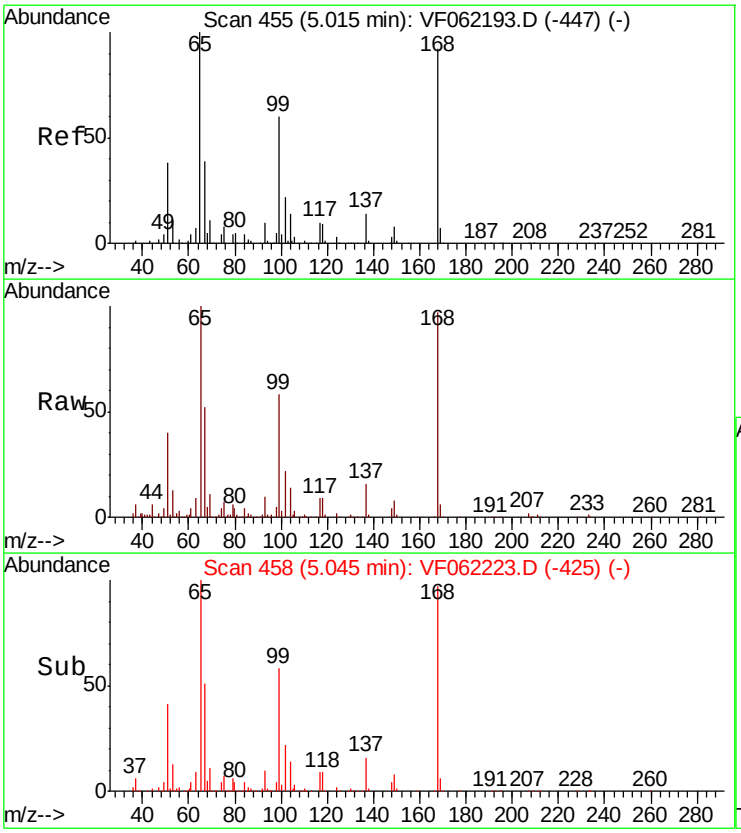
#29
Tetrahydrofuran
Concen: 4.452 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.06 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Instrument :
MSVOA_F
ClientSampleId :
CL-01-041619-E

Tgt Ion: 42 Resp: 3597

Ion	Ratio	Lower	Upper
42	100		
72	24.0	28.6	43.0#
71	0.0	29.2	43.8#

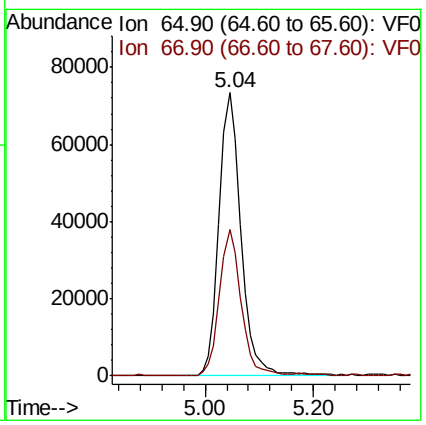


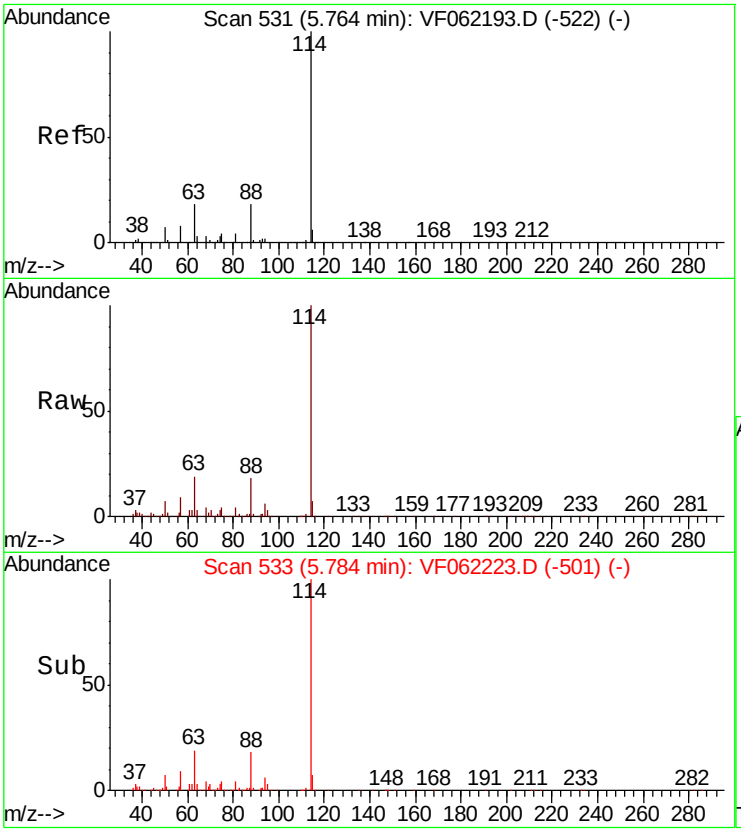


#33
1,2-Dichloroethane-d4
Concen: 55.662 ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.03 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Tgt Ion: 65 Resp: 207897

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	109.4



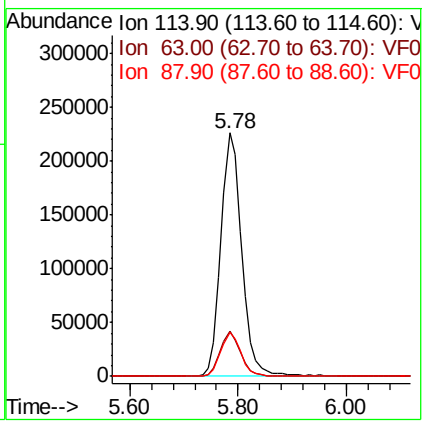


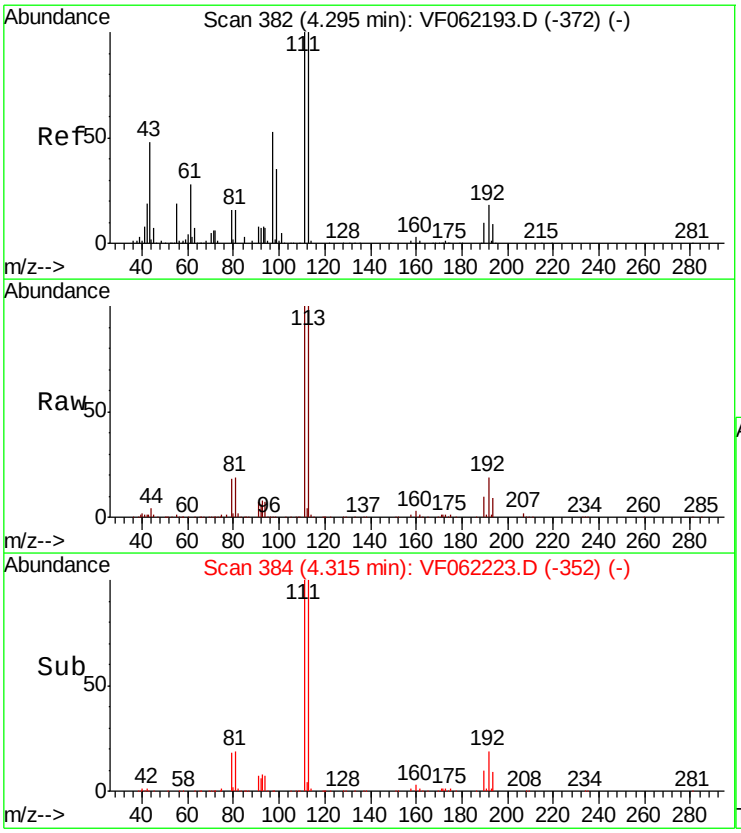
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.02 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Instrument :
MSVOA_F
ClientSampleId :
CL-01-041619-E

Tgt Ion:114 Resp: 603296

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	36.6
88	17.9	0.0	35.8

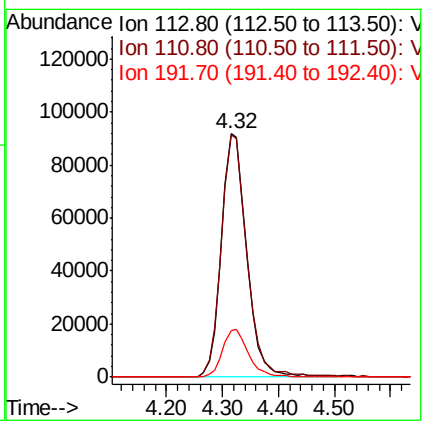


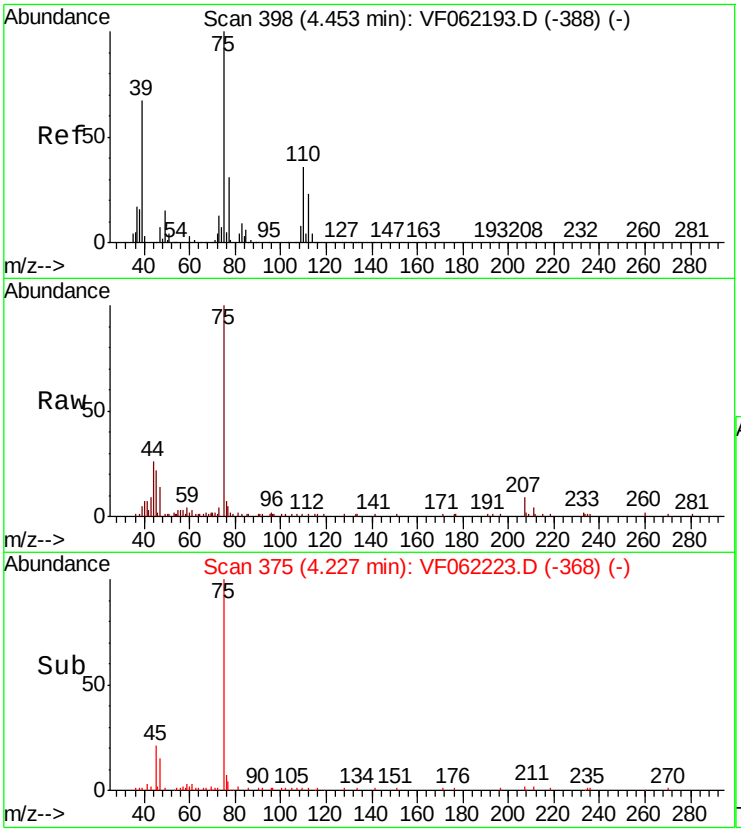


#35
Dibromofluoromethane
Concen: 54.929 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Tgt Ion:113 Resp: 289874

Ion	Ratio	Lower	Upper
113	100		
111	99.8	81.1	121.7
192	19.9	14.7	22.1



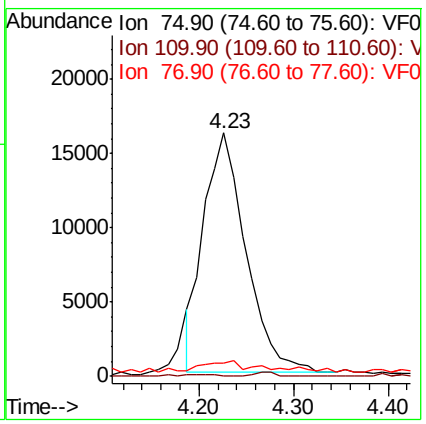


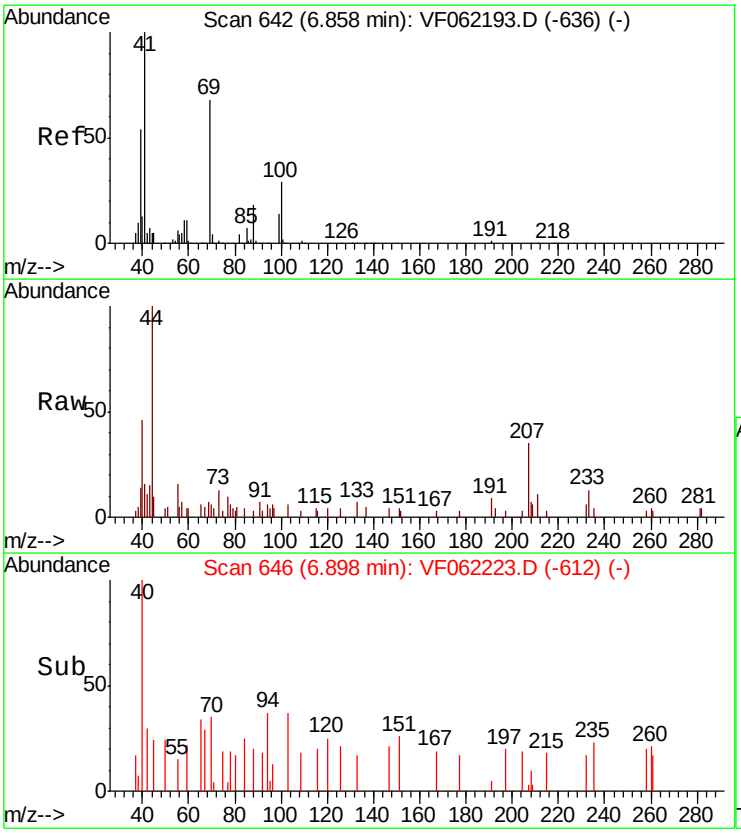
#36
1,1-Dichloropropene
Concen: 6.872 ug/l
RT: 4.23 min Scan# 375
Delta R.T. -0.23 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Instrument : MSVOA_F
ClientSampleId : CL-01-041619-E

Tgt Ion: 75 Resp: 49706

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.4	55.2#
77	3.0	25.4	38.2#

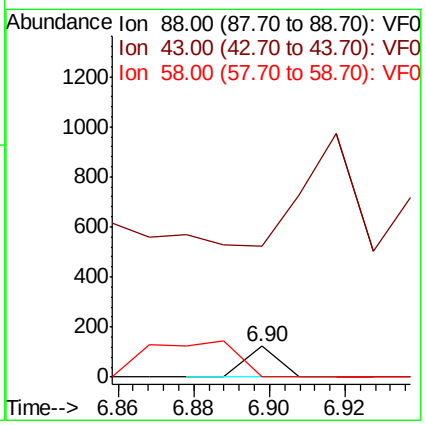


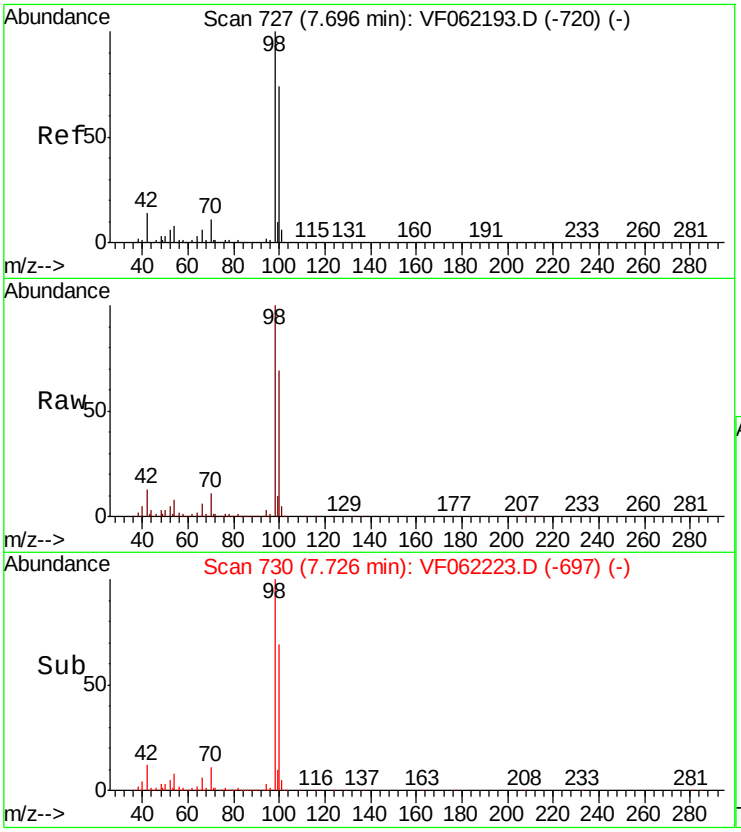


#49
1,4-Dioxane
Concen: 2.698 ug/l
RT: 6.90 min Scan# 646
Delta R.T. 0.04 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Tgt Ion: 88 Resp: 73

Ion	Ratio	Lower	Upper
88	100		
43	0.0	36.9	55.3#
58	319.2	56.8	85.2#



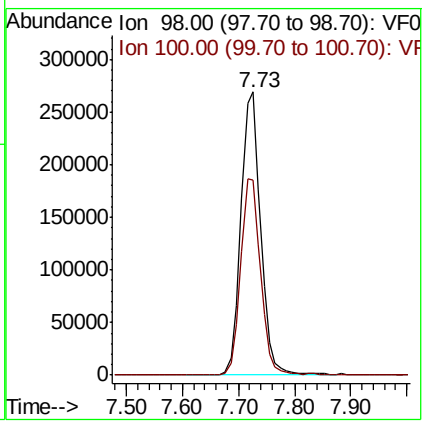


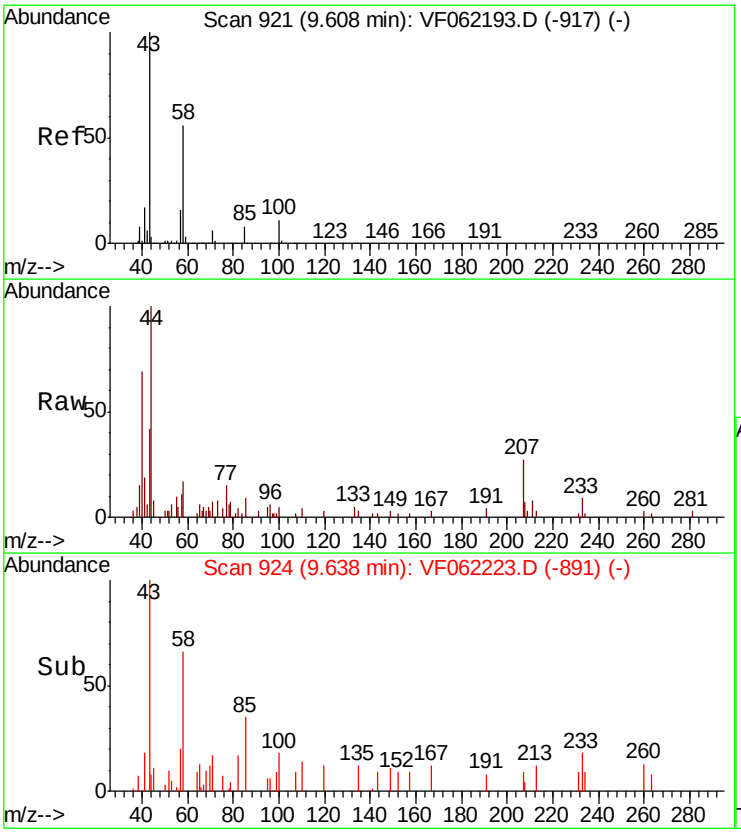
#50
Toluene-d8
Concen: 49.130 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.03 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Instrument : MSVOA_F
ClientSampleId : CL-01-041619-E

Tgt Ion: 98 Resp: 656313

Ion	Ratio	Lower	Upper
98	100		
100	69.7	56.2	84.2

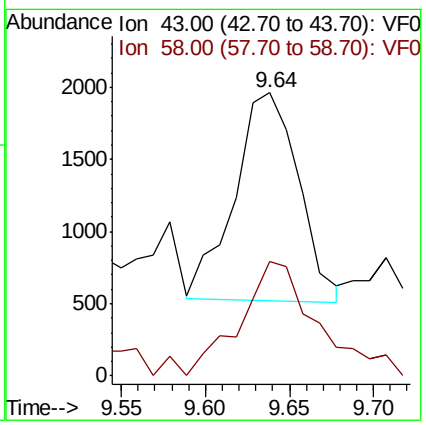


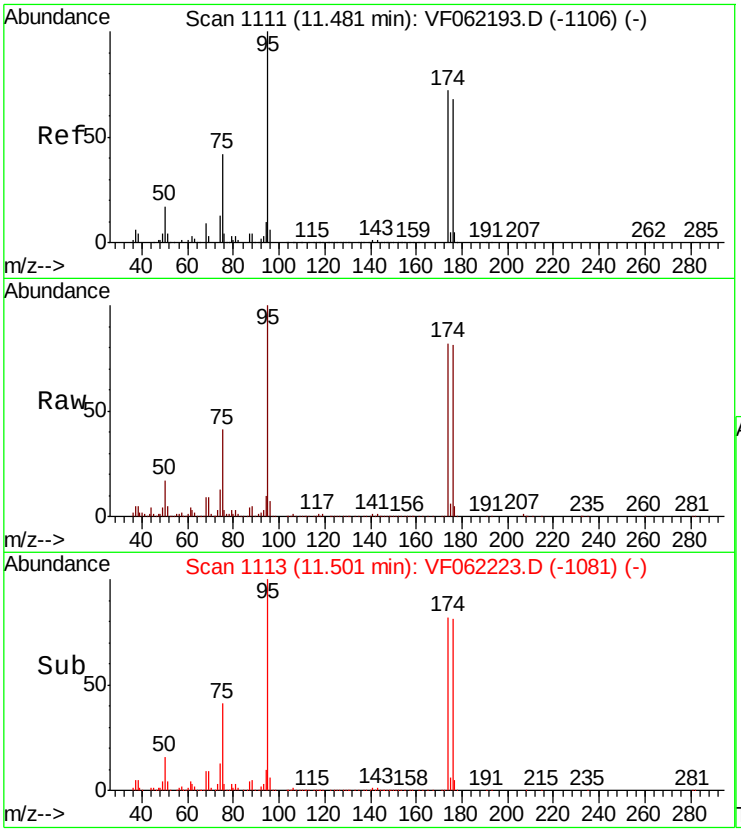


#59
2-Hexanone
Concen: 2.428 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.03 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Tgt Ion: 43 Resp: 3816

Ion	Ratio	Lower	Upper
43	100		
58	65.7	24.6	74.0



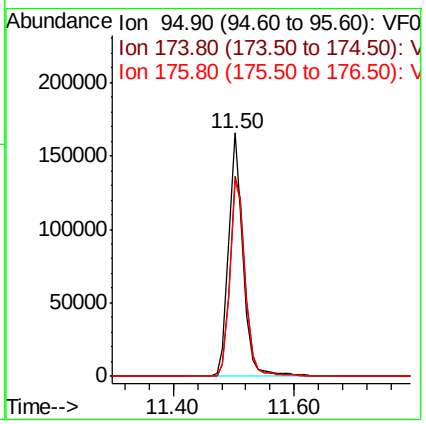


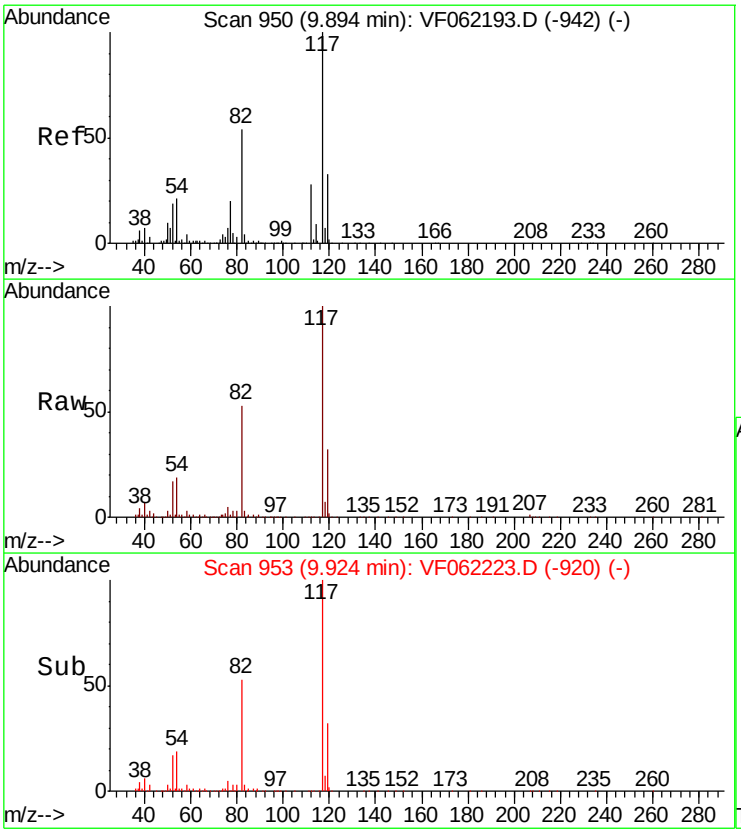
#62
4-Bromofluorobenzene
Concen: 53.147 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Instrument :
MSVOA_F
ClientSampleId :
CL-01-041619-E

Tgt Ion: 95 Resp: 273121

Ion	Ratio	Lower	Upper
95	100		
174	87.5	0.0	159.4
176	85.8	0.0	155.4

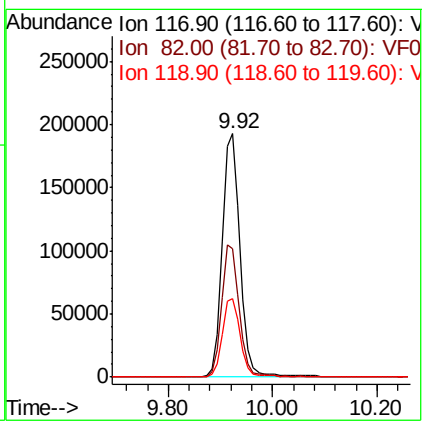


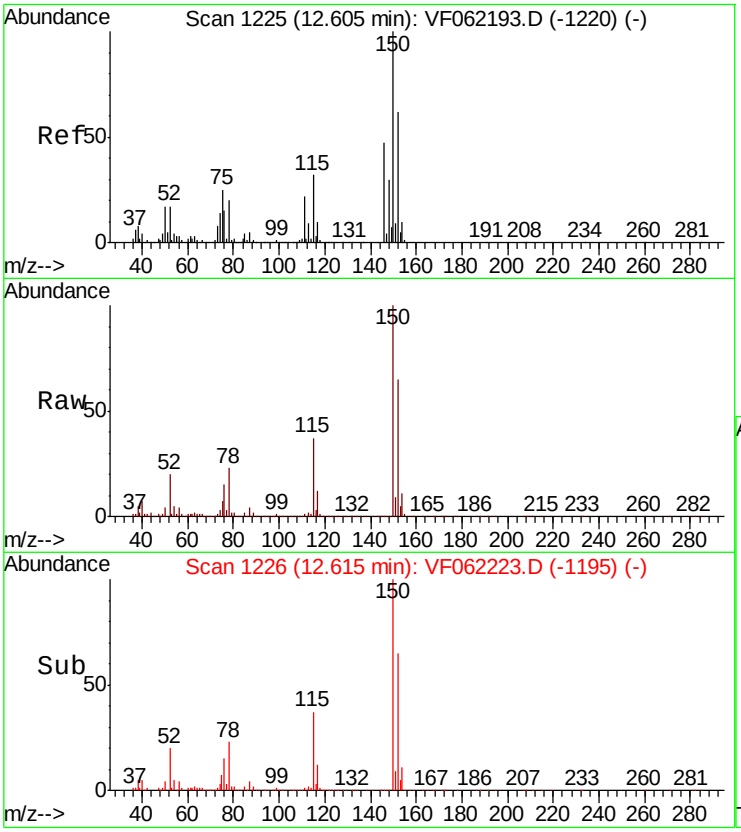


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Tgt Ion:117 Resp: 458351

Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.2	64.8
119	32.1	26.2	39.4



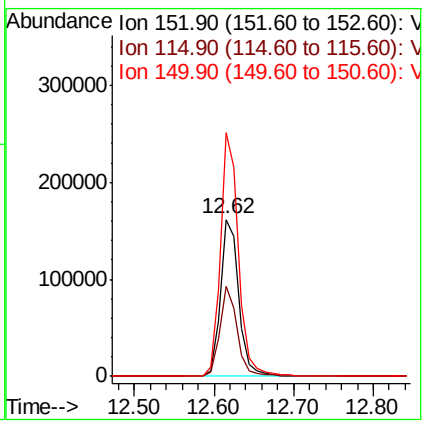


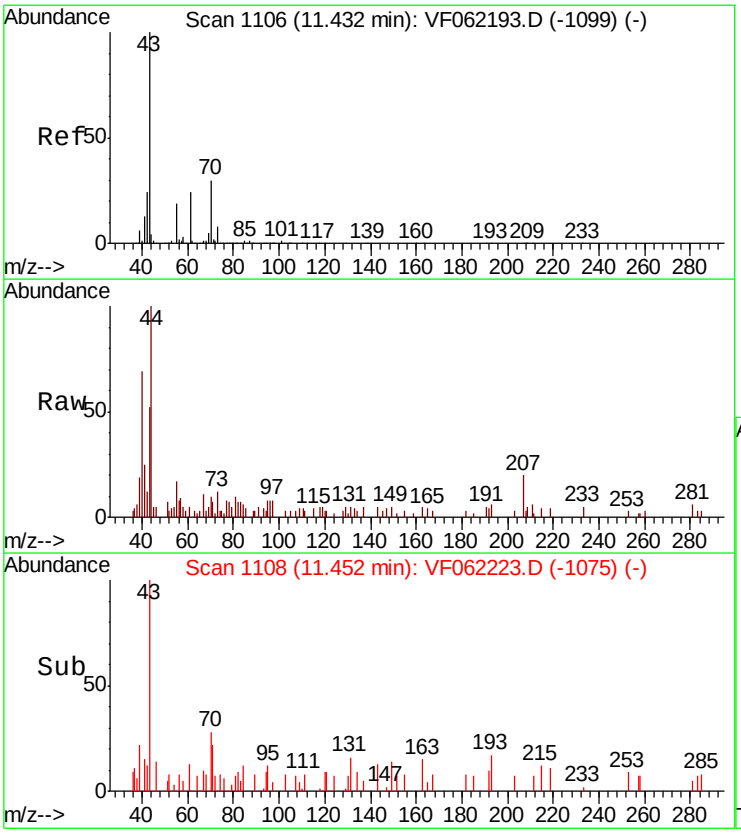
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Instrument :
MSVOA_F
ClientSampleId :
CL-01-041619-E

Tgt Ion:152 Resp: 262639

Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.8	83.3
150	153.5	0.0	341.8

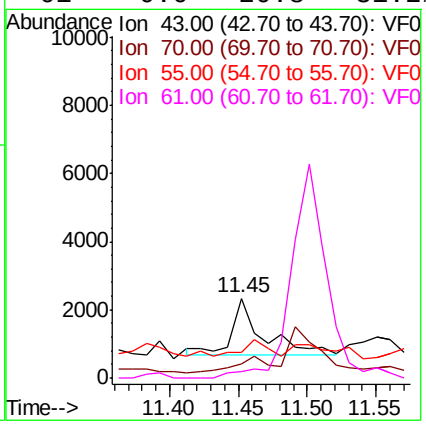


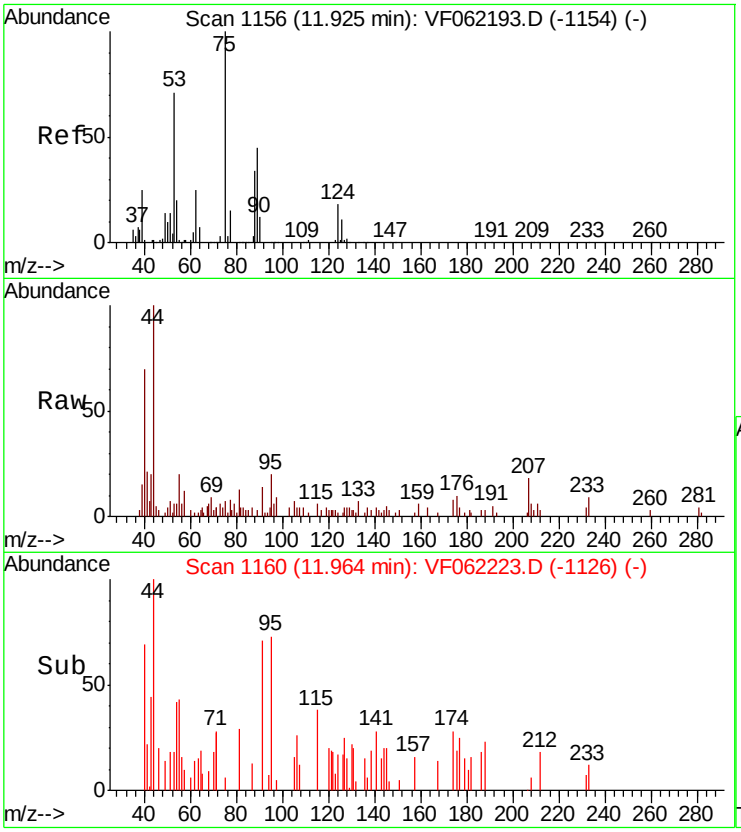


#74
N-amyl acetate
Concen: Below Cal
RT: 11.45 min Scan# 1108
Delta R.T. 0.02 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Tgt Ion: 43 Resp: 2619

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.0	40.4#
55	27.9	15.7	23.5#
61	0.0	20.8	31.2#



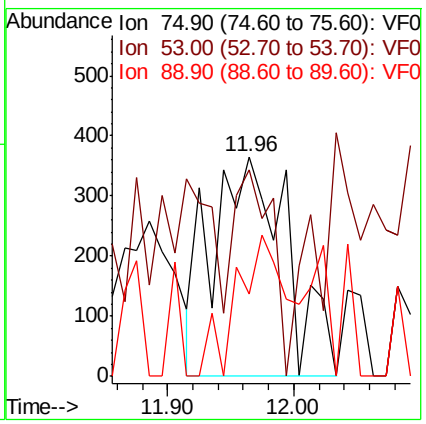


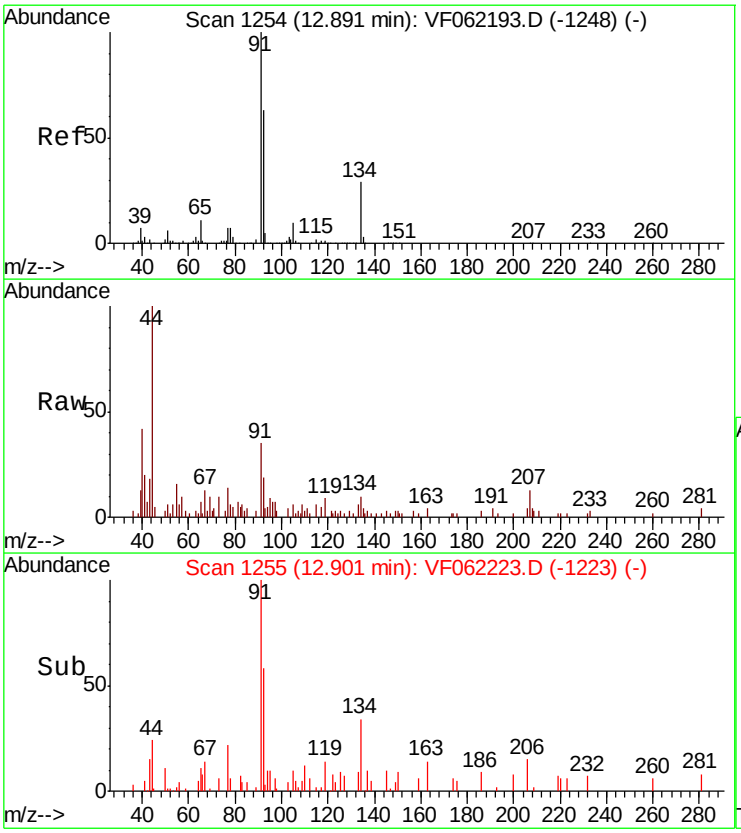
#81
trans-1,4-Dichloro-2-butene
Concen: 1.113 ug/l
RT: 11.96 min Scan# 1160
Delta R.T. 0.04 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Instrument :
MSVOA_F
ClientSampleId :
CL-01-041619-E

Tgt Ion: 75 Resp: 1515

Ion	Ratio	Lower	Upper
75	100		
53	47.0	50.2	75.4#
89	42.9	0.0	0.0#





#89
n-Butylbenzene
Concen: Below Cal
RT: 12.90 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Tgt Ion: 91 Resp: 3388

Ion	Ratio	Lower	Upper
91	100		
92	60.1	31.2	93.6
134	56.7	13.1	39.1#