Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050919\
Data File : VF062405.D
Acq On : 9 May 2019 19:38
Operator : FY/SY
Sample : K2641-09
Misc : 6.52g/5mL/MSVOA_F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CL-02-050719-E

Quant Time: May 10 01:54:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	292646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	387095	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	186965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	168808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	217042	78.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 156.96%			
35) Dibromofluoromethane	4.29	113	233532	75.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 151.46%			
50) Toluene-d8	7.71	98	162269	21.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 43.48%			
62) 4-Bromofluorobenzene	11.49	95	162662	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.60%			
Target Compounds						Qvalue
5) Bromomethane	1.37	94	1654	Below Cal	#	56
8) Diethyl Ether	1.69	74	1460	2.087	ug/l	76
11) Tert butyl alcohol	2.70	59	746	4.773	ug/l #	1
13) Acrolein	2.14	56	525	Below Cal	#	59
15) Acrylonitrile	3.07	53	1177	3.975	ug/l #	31
16) Acetone	2.34	43	56613	101.191	ug/l	99
18) Methyl Acetate	2.45	43	5461	2.369	ug/l	98
20) Methylene Chloride	2.31	84	12332	6.092	ug/l #	70
25) 2-Butanone	4.52	43	914	1.300	ug/l #	60
29) Tetrahydrofuran	4.27	42	791	2.449	ug/l #	50
37) Ethyl Acetate	4.29	43	221	Below Cal	#	51
38) Carbon Tetrachloride	4.20	117	218	Below Cal	#	1
39) Methylcyclohexane	5.76	83	5956	1.786	ug/l #	47
49) 1,4-Dioxane	6.72	88	95	Below Cal	#	1
59) 2-Hexanone	9.63	43	1027	1.296	ug/l #	62
92) 1,2-Dibromo-3-Chloropropan	13.65	75	520	1.481	ug/l #	1

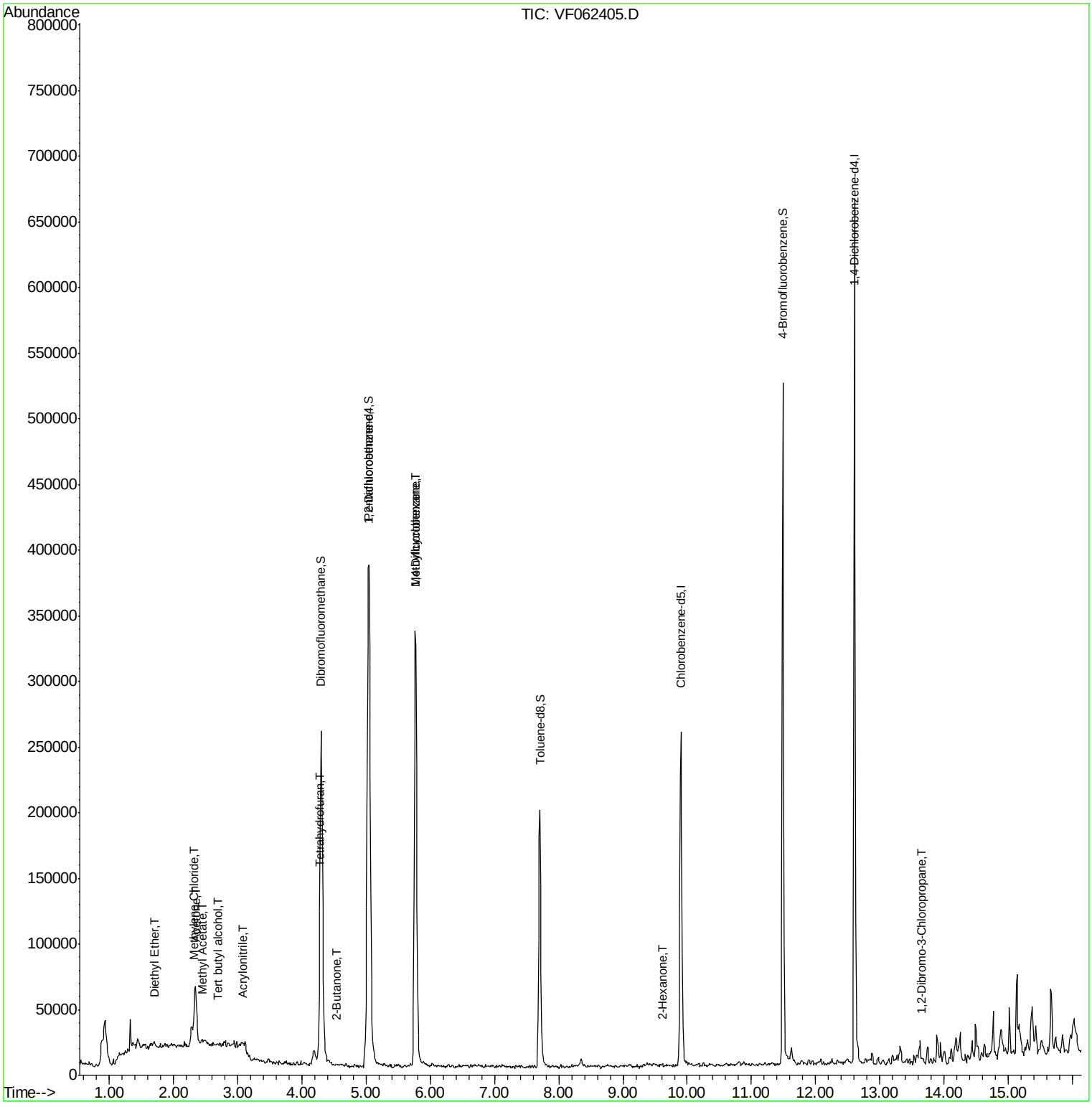
(#) = qualifier out of range (m) = manual integration (+) = signals summed

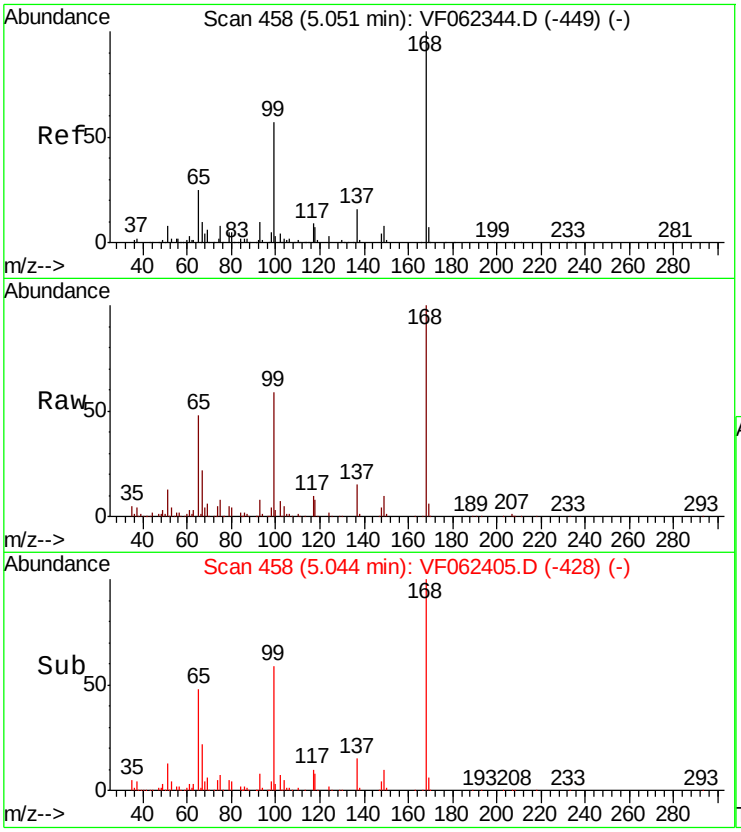
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050919\
Data File : VF062405.D
Acq On : 9 May 2019 19:38
Operator : FY/SY
Sample : K2641-09
Misc : 6.52g/5mL/MSVOA_F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-E

Quant Time: May 10 01:54:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration



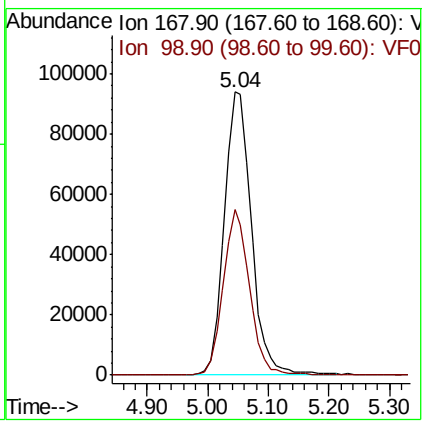


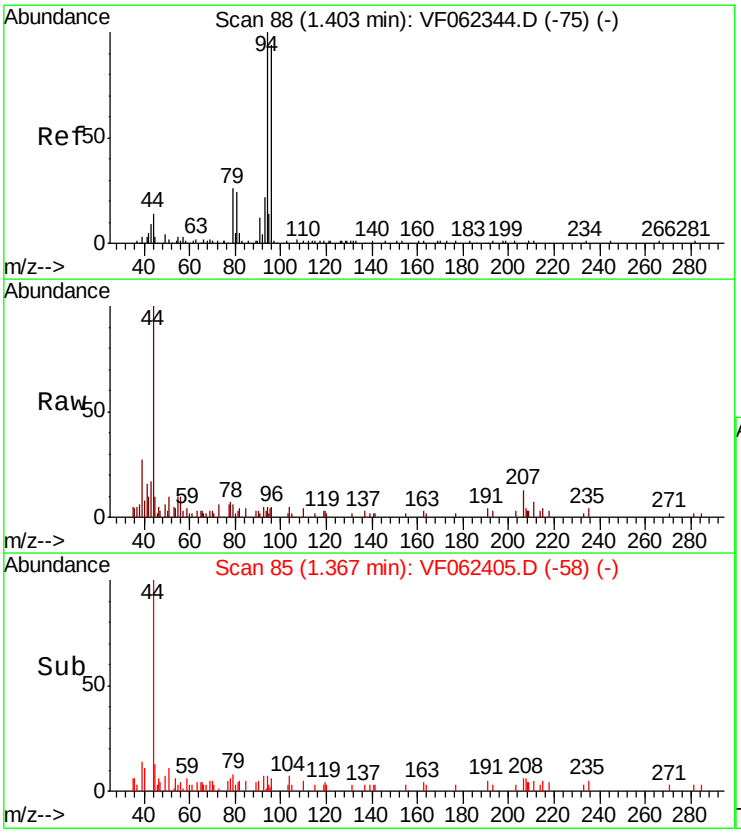
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 458
Delta R.T. -0.01 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-E

Tgt Ion:168 Resp: 292646

Ion	Ratio	Lower	Upper
168	100		
99	58.7	45.9	68.9

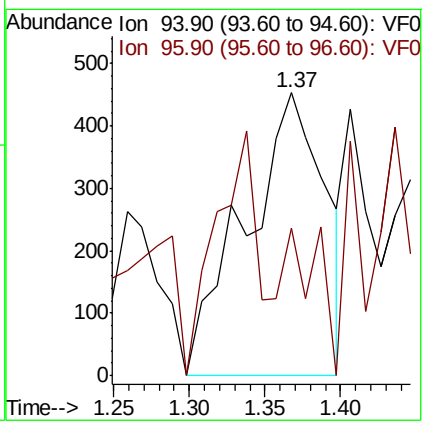


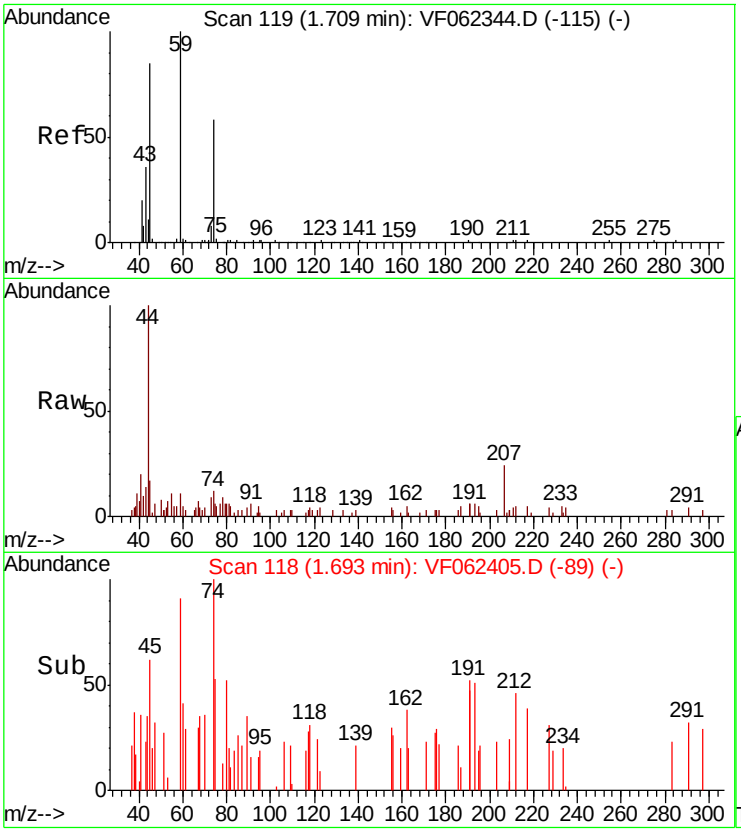


#5
Bromomethane
Concen: Below Cal
RT: 1.37 min Scan# 85
Delta R.T. -0.04 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Tgt Ion: 94 Resp: 1654

Ion	Ratio	Lower	Upper
94	100		
96	52.1	75.4	113.2#



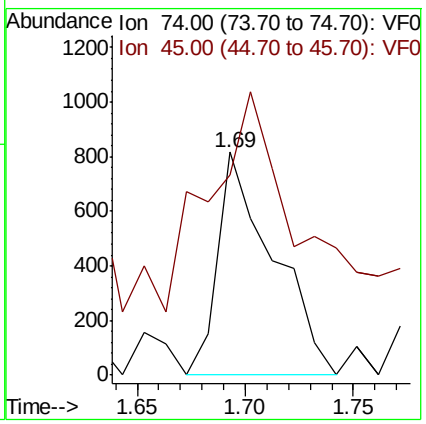


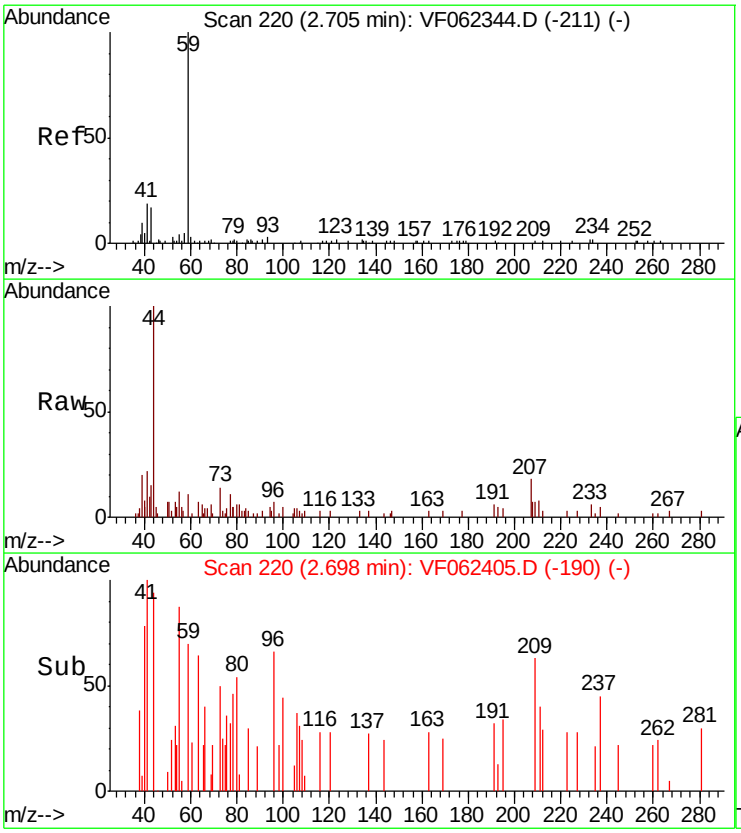
#8
Diethyl Ether
Concen: 2.087 ug/l
RT: 1.69 min Scan# 118
Delta R.T. -0.02 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-E

Tgt Ion: 74 Resp: 1460

Ion	Ratio	Lower	Upper
74	100		
45	177.9	73.9	221.6

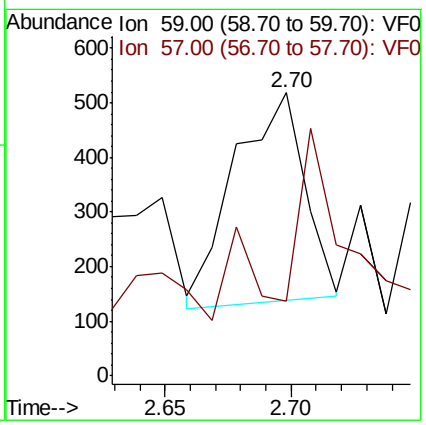


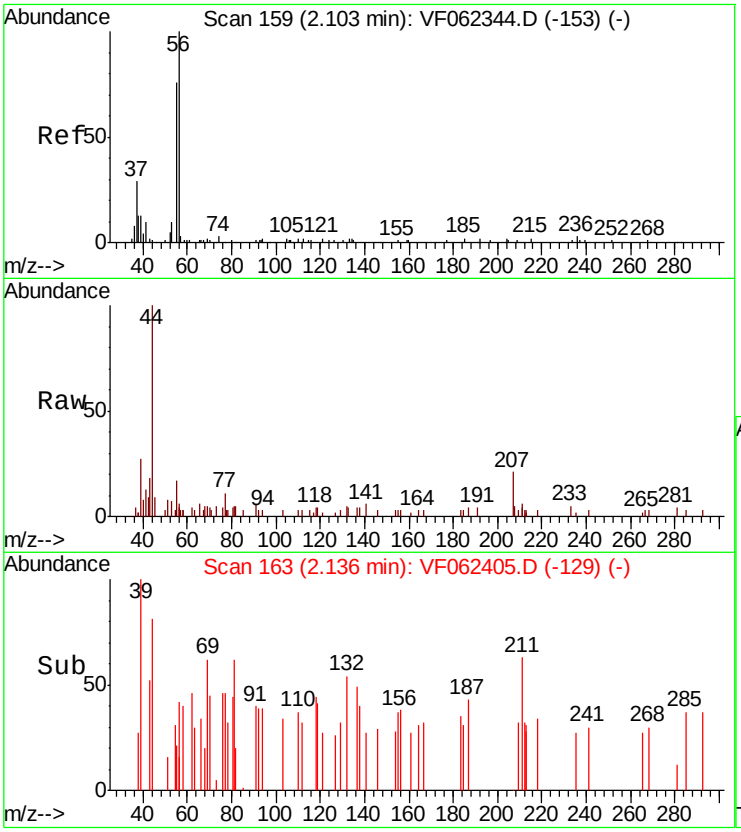


#11
Tert butyl alcohol
Concen: 4.773 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.01 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Tgt Ion: 59 Resp: 746

Ion	Ratio	Lower	Upper
59	100		
57	82.7	9.3	13.9#



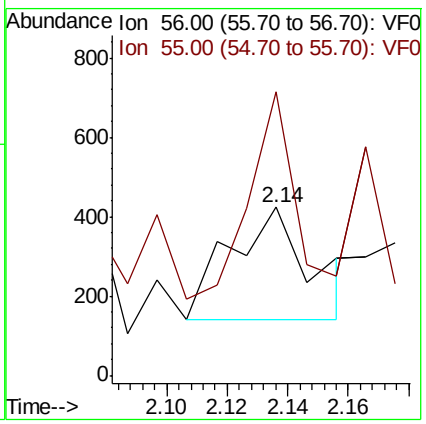


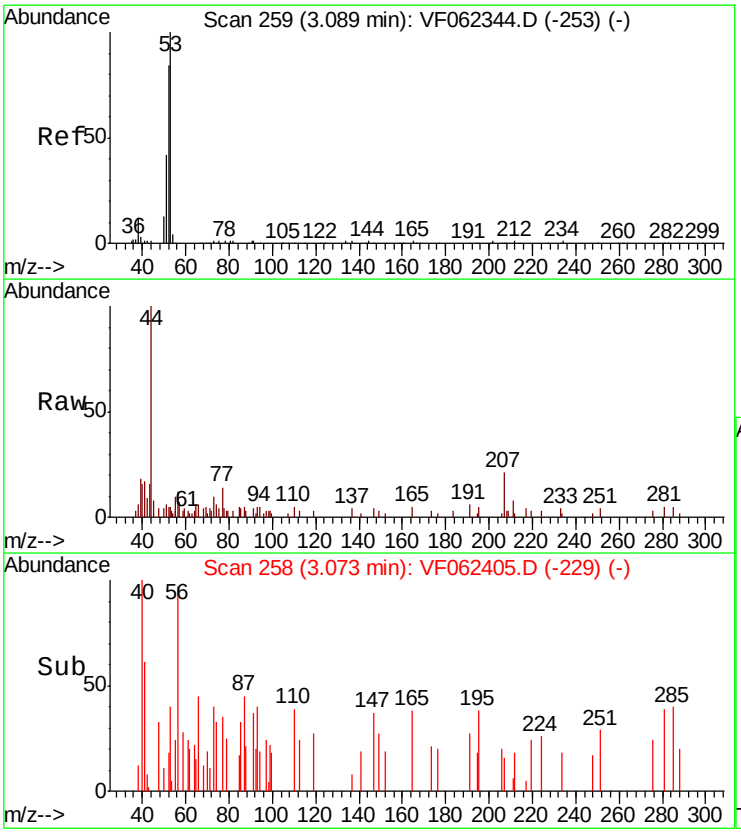
#13
Acrolein
Concen: Below Cal
RT: 2.14 min Scan# 163
Delta R.T. 0.03 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Instrument : MSVOA_F
ClientSampleId : CL-02-050719-E

Tgt Ion: 56 Resp: 525

Ion	Ratio	Lower	Upper
56	100		
55	107.4	58.4	87.6#

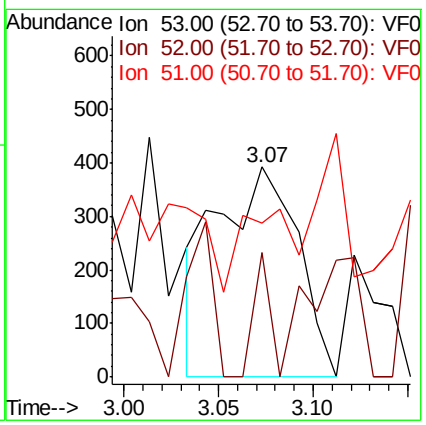


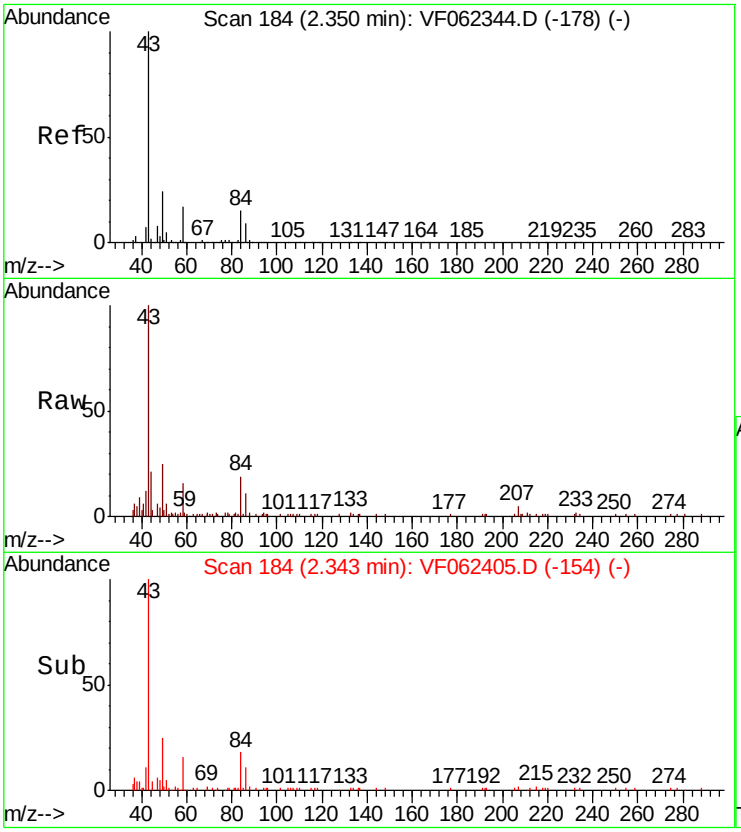


#15
Acrylonitrile
Concen: 3.975 ug/l
RT: 3.07 min Scan# 258
Delta R.T. -0.02 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Tgt Ion: 53 Resp: 1177

Ion	Ratio	Lower	Upper
53	100		
52	11.7	77.2	115.8#
51	25.9	40.6	61.0#



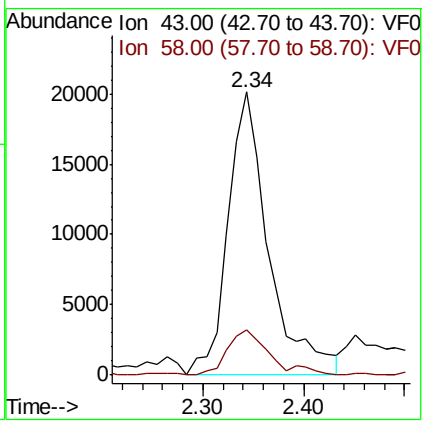


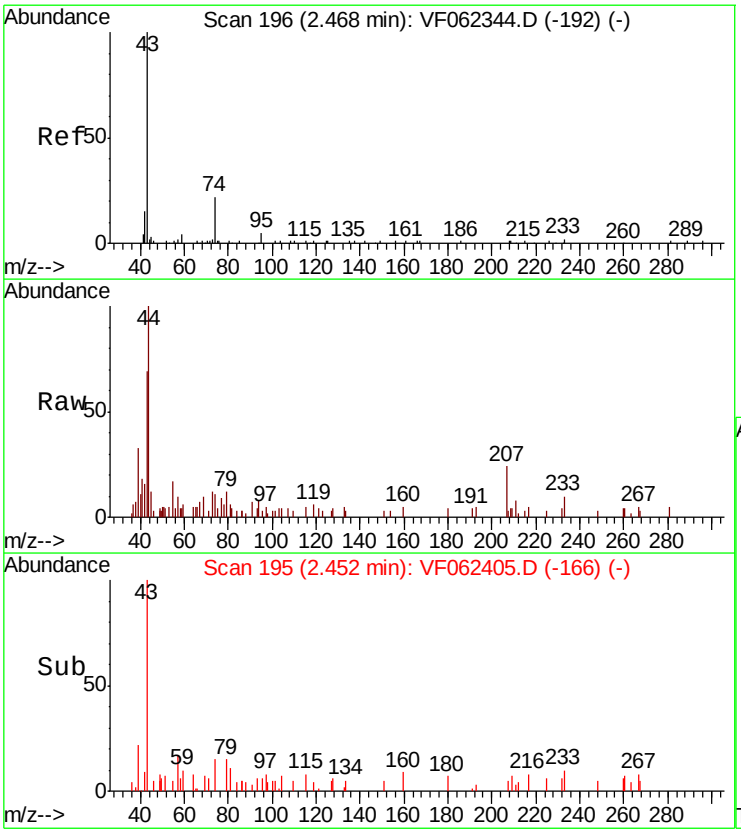
#16
Acetone
Concen: 101.191 ug/l
RT: 2.34 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-E

Tgt Ion: 43 Resp: 56613

Ion	Ratio	Lower	Upper
43	100		
58	15.8	13.1	19.7

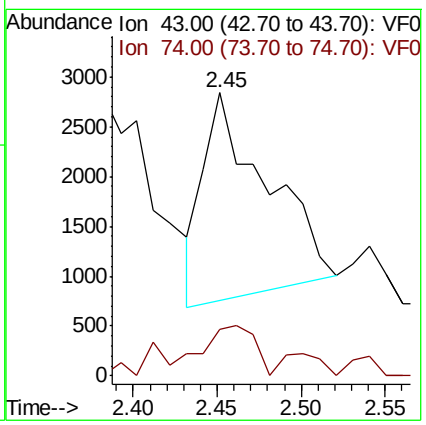


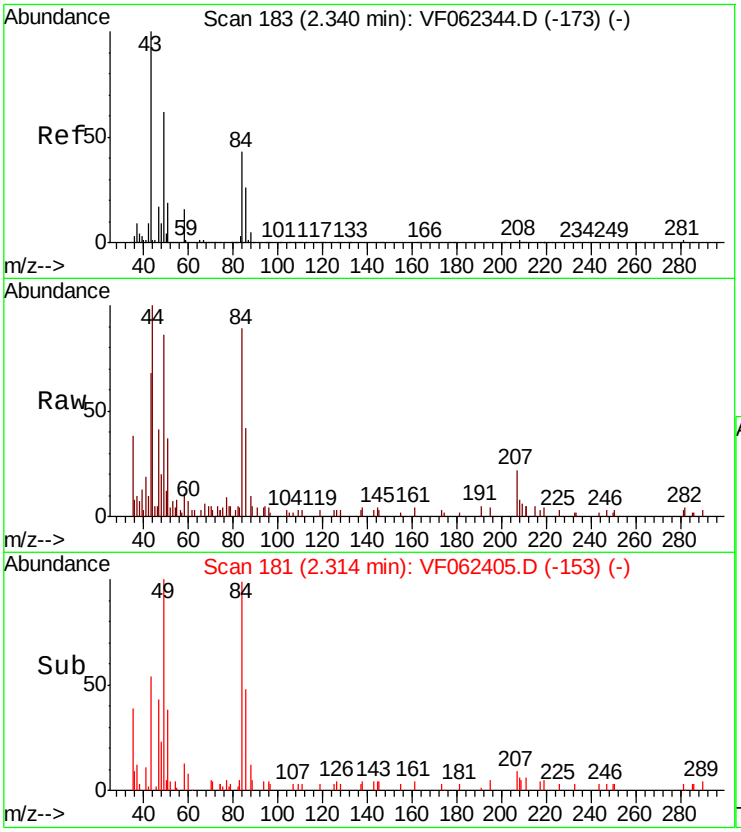


#18
Methyl Acetate
Concen: 2.369 ug/l
RT: 2.45 min Scan# 195
Delta R.T. -0.02 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Tgt Ion: 43 Resp: 5461

Ion	Ratio	Lower	Upper
43	100		
74	19.8	15.0	22.4



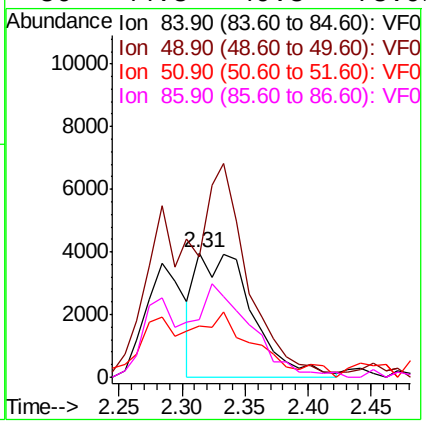


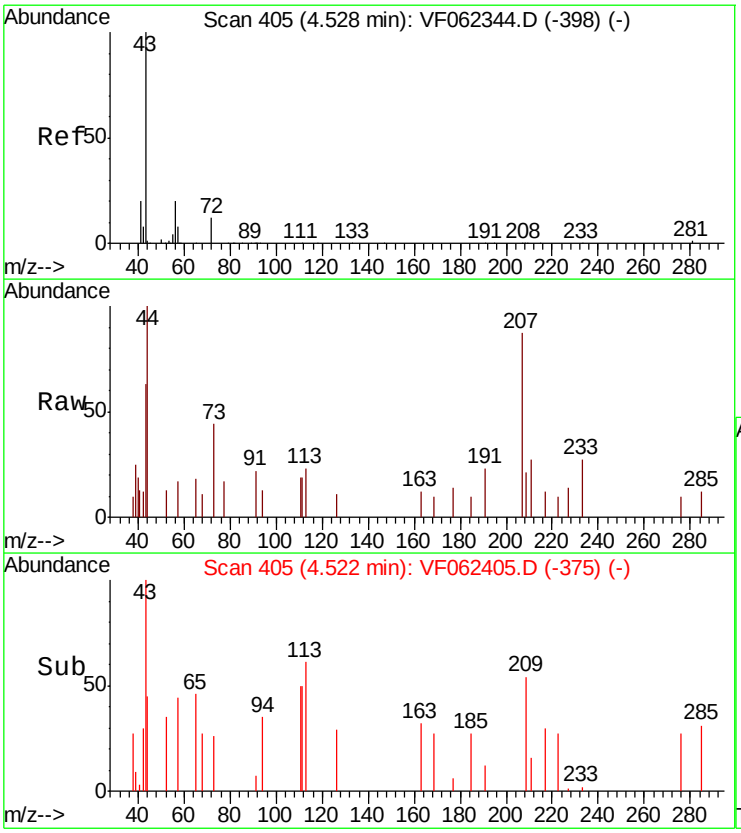
#20
Methylene Chloride
Concen: 6.092 ug/l
RT: 2.31 min Scan# 181
Delta R.T. -0.03 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Instrument : MSVOA_F
ClientSampleId : CL-02-050719-E

Tgt Ion: 84 Resp: 12332

Ion	Ratio	Lower	Upper
84	100		
49	95.8	117.5	176.3#
51	42.4	37.0	55.4
86	44.3	49.3	73.9#

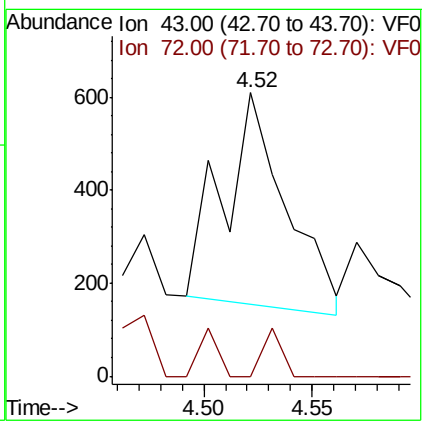


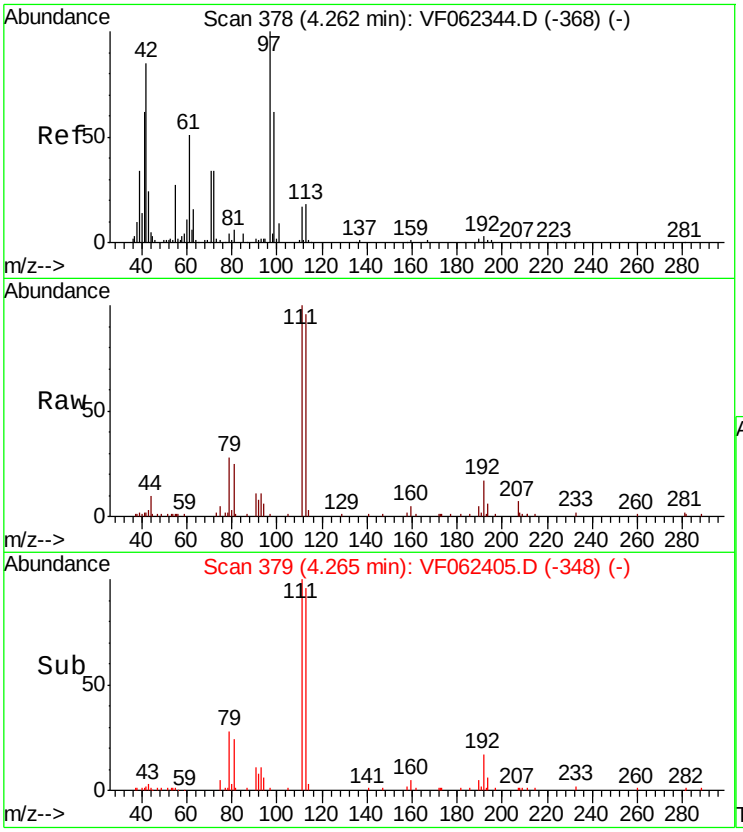


#25
2-Butanone
Concen: 1.300 ug/l
RT: 4.52 min Scan# 405
Delta R.T. -0.01 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Tgt Ion: 43 Resp: 914

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



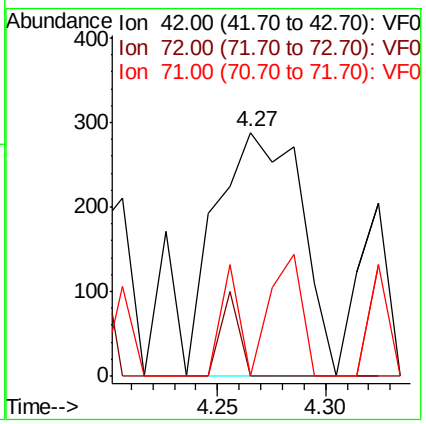


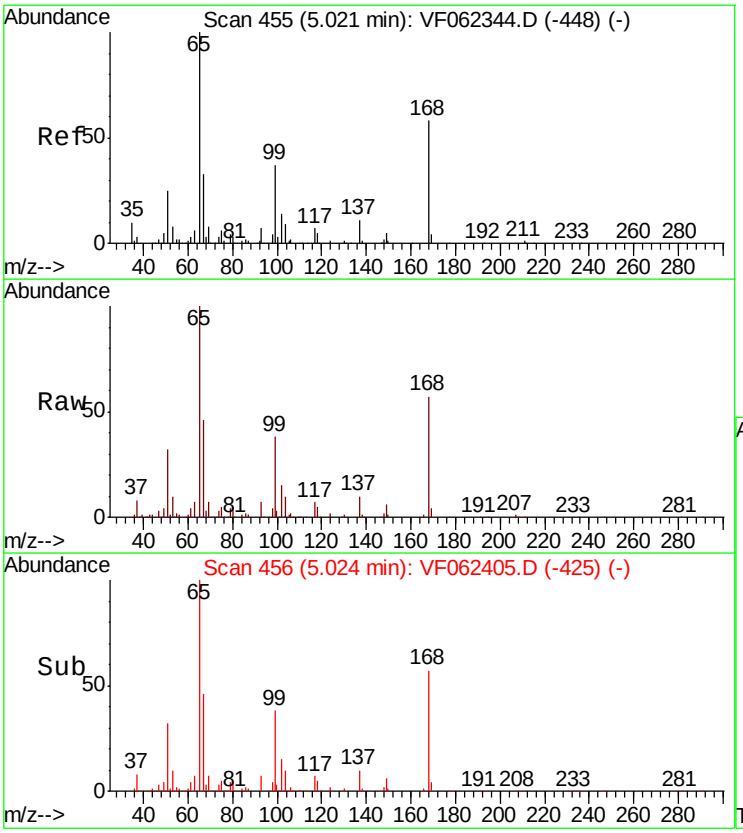
#29
Tetrahydrofuran
Concen: 2.449 ug/l
RT: 4.27 min Scan# 379
Delta R.T. 0.00 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-E

Tgt Ion: 42 Resp: 791

Ion	Ratio	Lower	Upper
42	100		
72	7.5	31.4	47.0#
71	9.9	31.7	47.5#

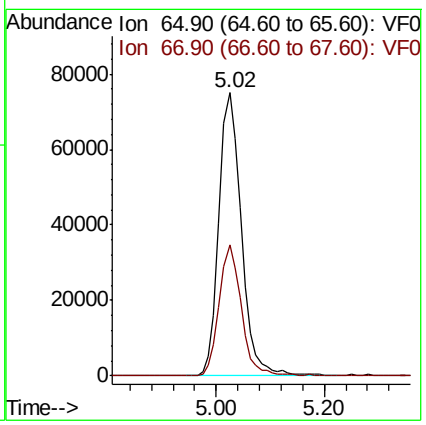


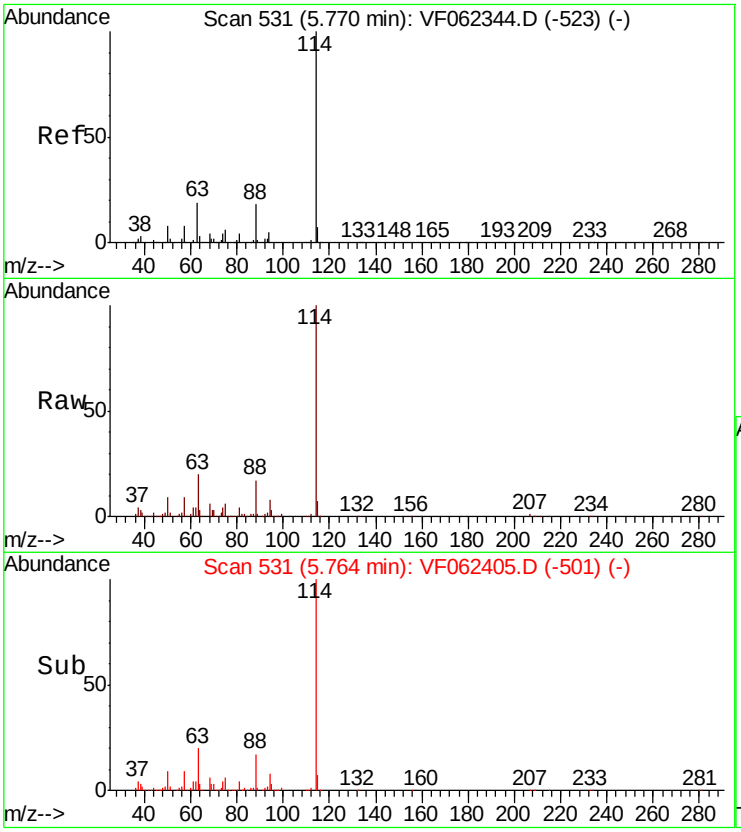


#33
1,2-Dichloroethane-d4
Concen: 78.478 ug/l
RT: 5.02 min Scan# 456
Delta R.T. 0.00 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Tgt Ion: 65 Resp: 217042

Ion	Ratio	Lower	Upper
65	100		
67	45.4	0.0	85.8



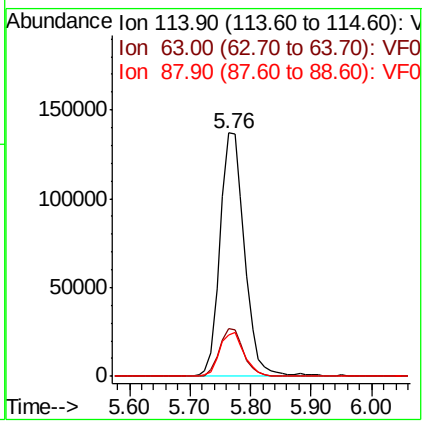


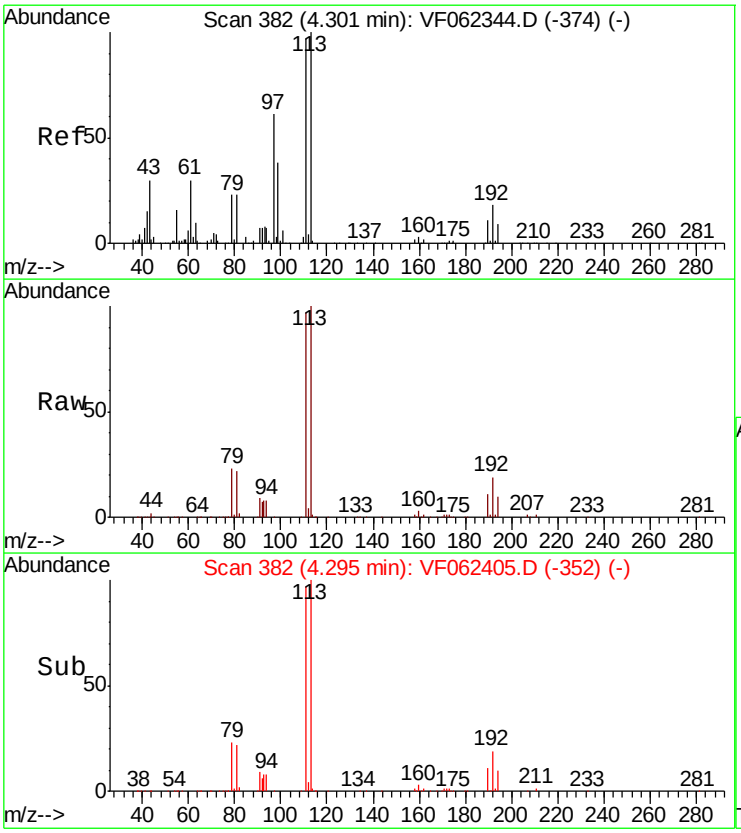
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 531
Delta R.T. -0.01 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-E

Tgt Ion:114 Resp: 387095

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	37.4
88	17.0	0.0	36.4

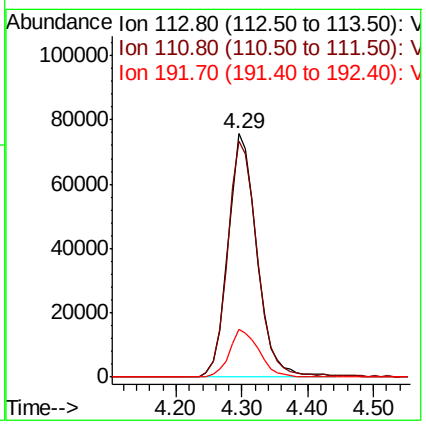


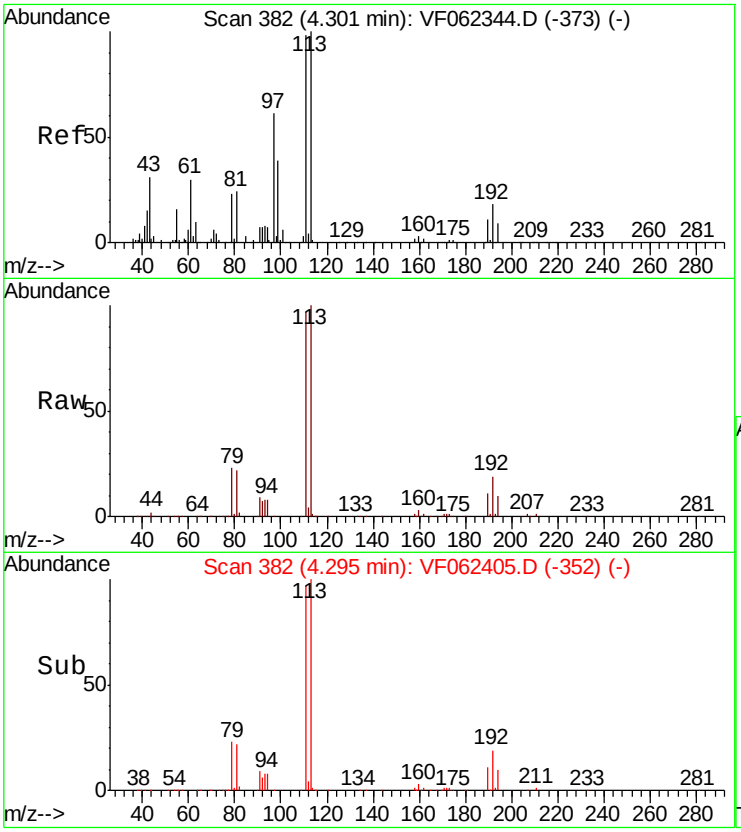


#35
Dibromofluoromethane
Concen: 75.726 ug/l
RT: 4.29 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Tgt Ion:113 Resp: 233532

Ion	Ratio	Lower	Upper
113	100		
111	99.5	79.4	119.0
192	20.1	16.0	24.0



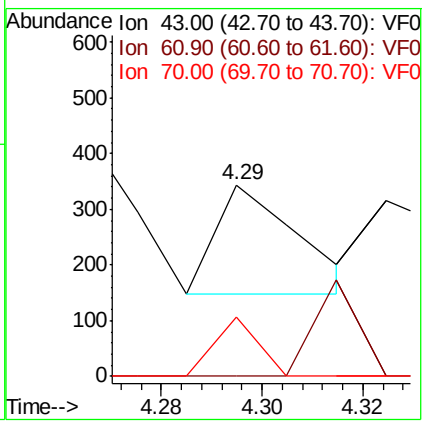


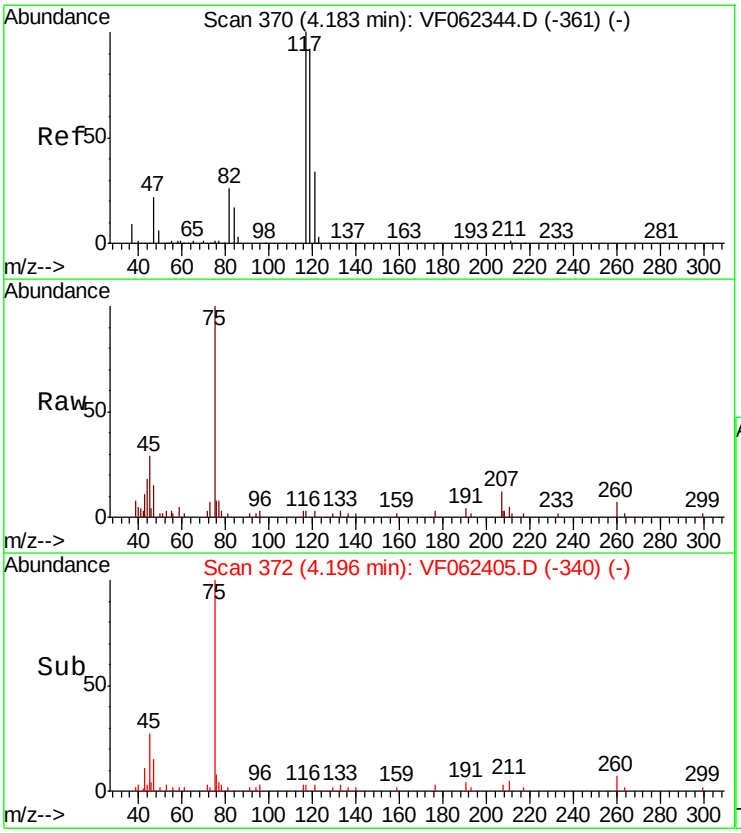
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.29 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-E

Tgt Ion: 43 Resp: 221

Ion	Ratio	Lower	Upper
43	100		
61	46.6	0.0	0.0#
70	28.5	8.2	12.2#

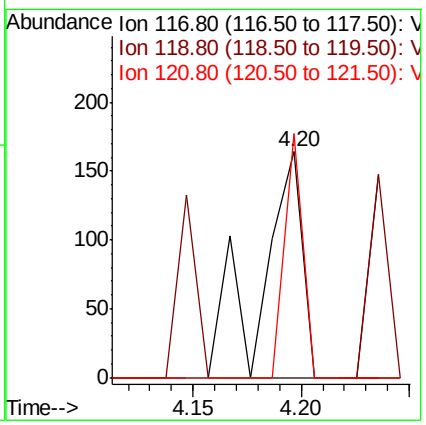


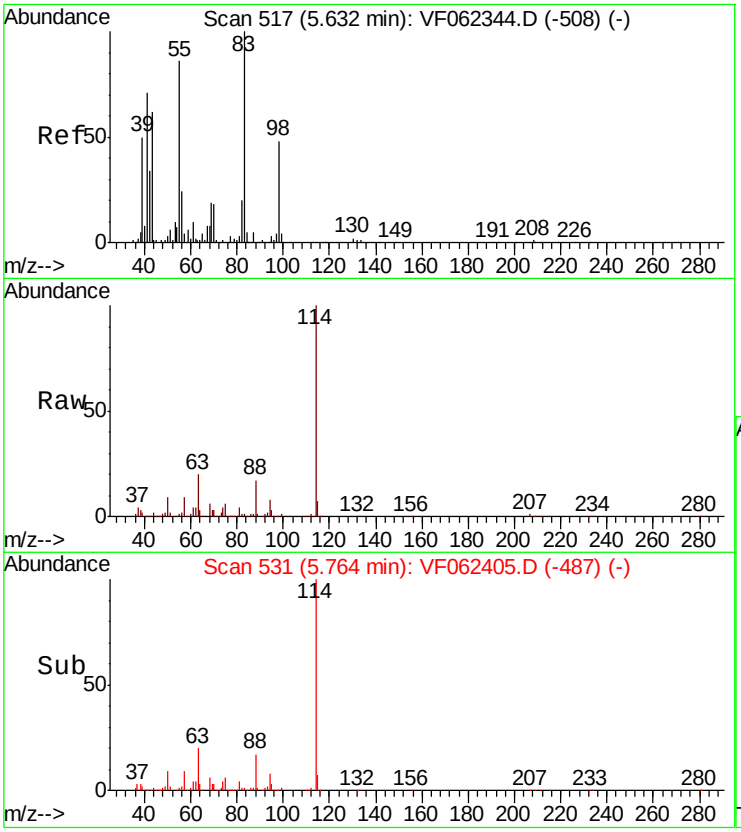


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.20 min Scan# 372
Delta R.T. 0.01 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Tgt Ion:117 Resp: 218

Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.4	110.2#
121	107.9	27.4	41.0#



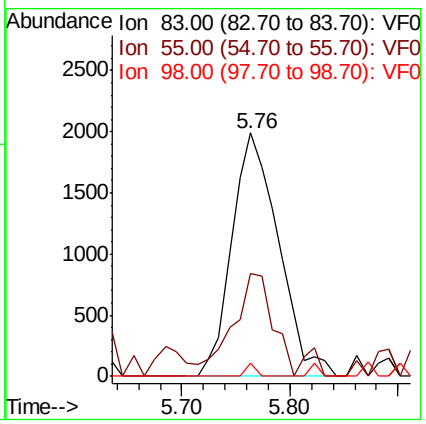


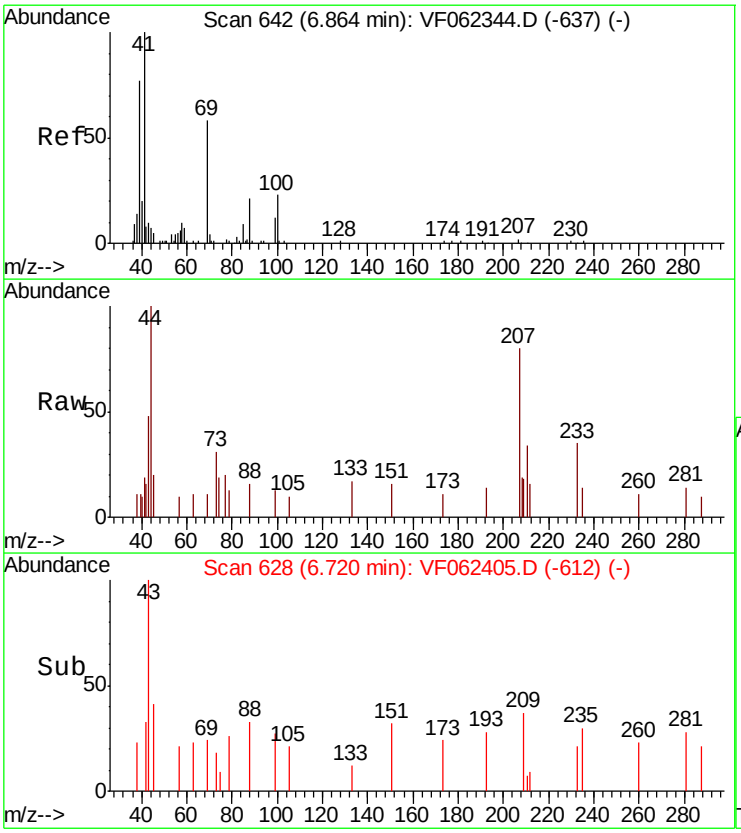
#39
Methylcyclohexane
Concen: 1.786 ug/l
RT: 5.76 min Scan# 531
Delta R.T. 0.13 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-E

Tgt Ion: 83 Resp: 5956

Ion	Ratio	Lower	Upper
83	100		
55	42.1	69.0	103.6#
98	5.6	38.6	58.0#

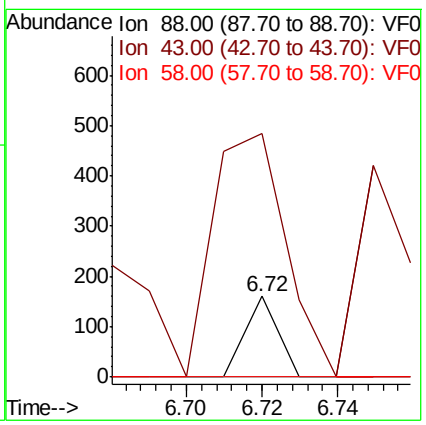


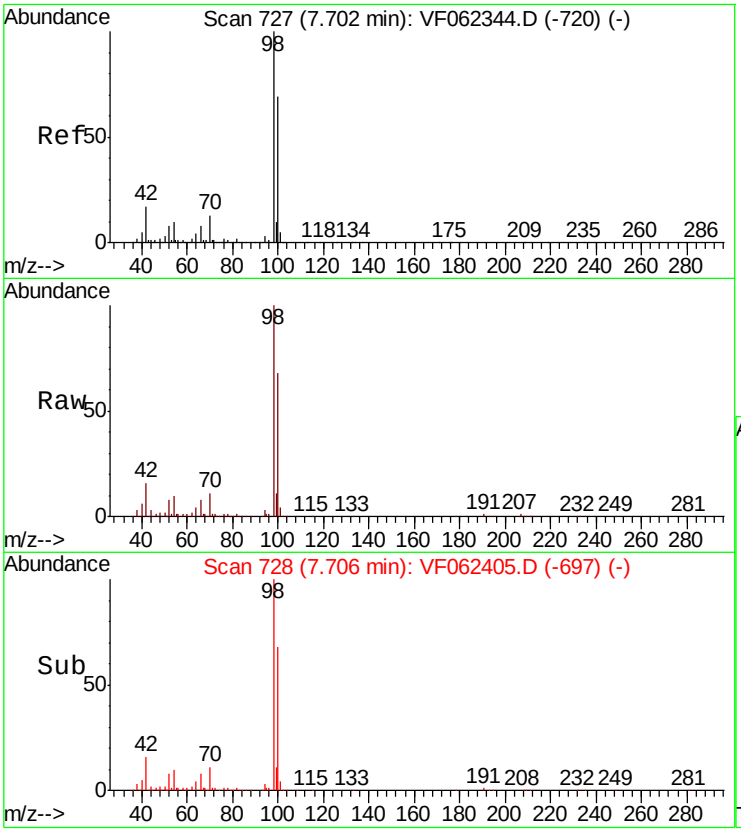


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.72 min Scan# 628
Delta R.T. -0.14 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Tgt Ion: 88 Resp: 95

Ion	Ratio	Lower	Upper
88	100		
43	675.8	55.6	83.4#
58	0.0	52.8	79.2#



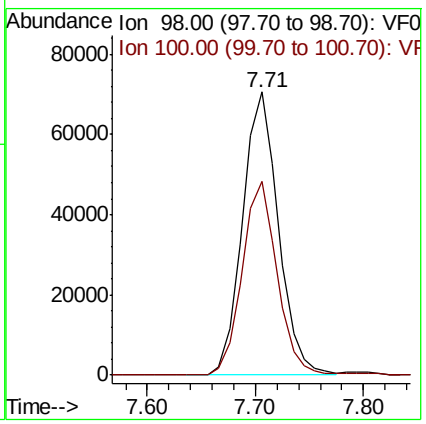


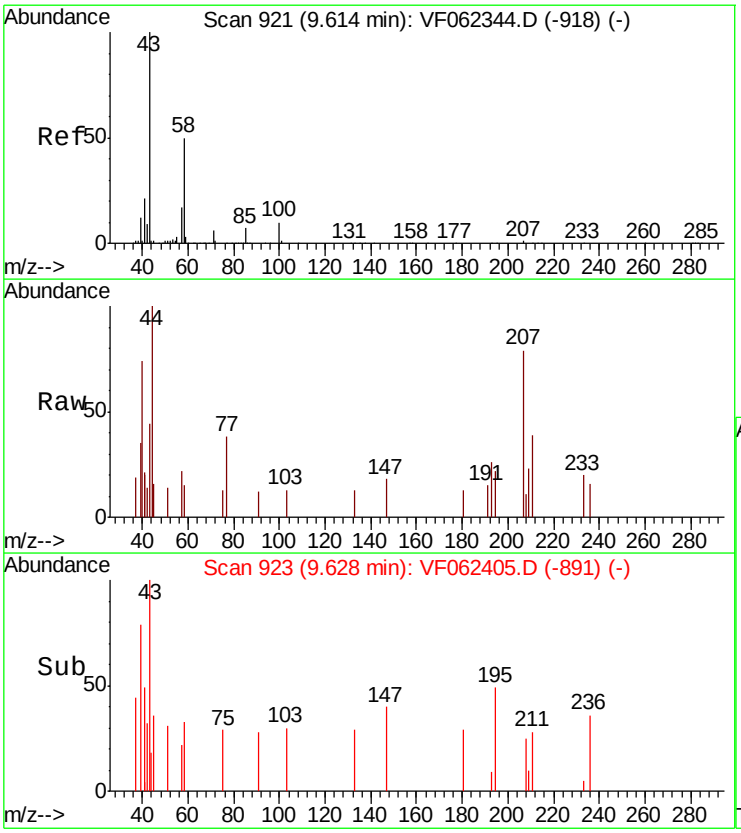
#50
Toluene-d8
Concen: 21.737 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-E

Tgt Ion: 98 Resp: 162269

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.3	79.9

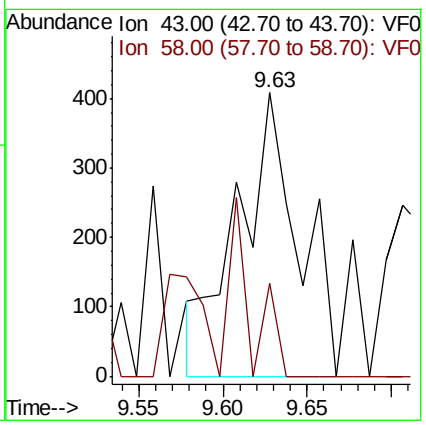


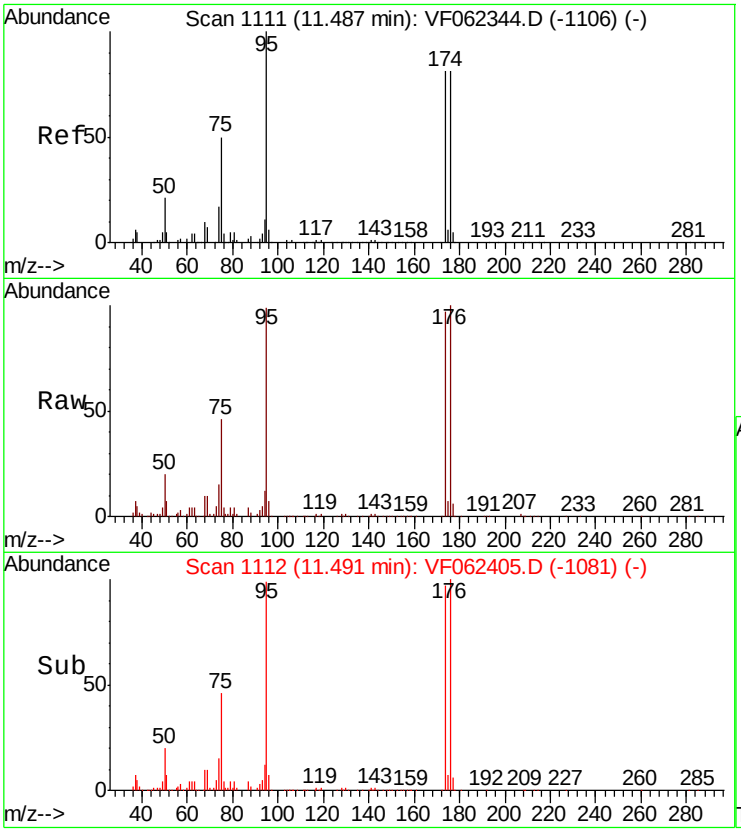


#59
2-Hexanone
Concen: 1.296 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.01 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Tgt Ion: 43 Resp: 1027

Ion	Ratio	Lower	Upper
43	100		
58	22.6	24.3	73.0#



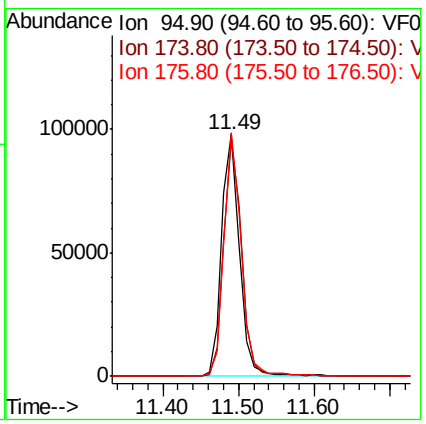


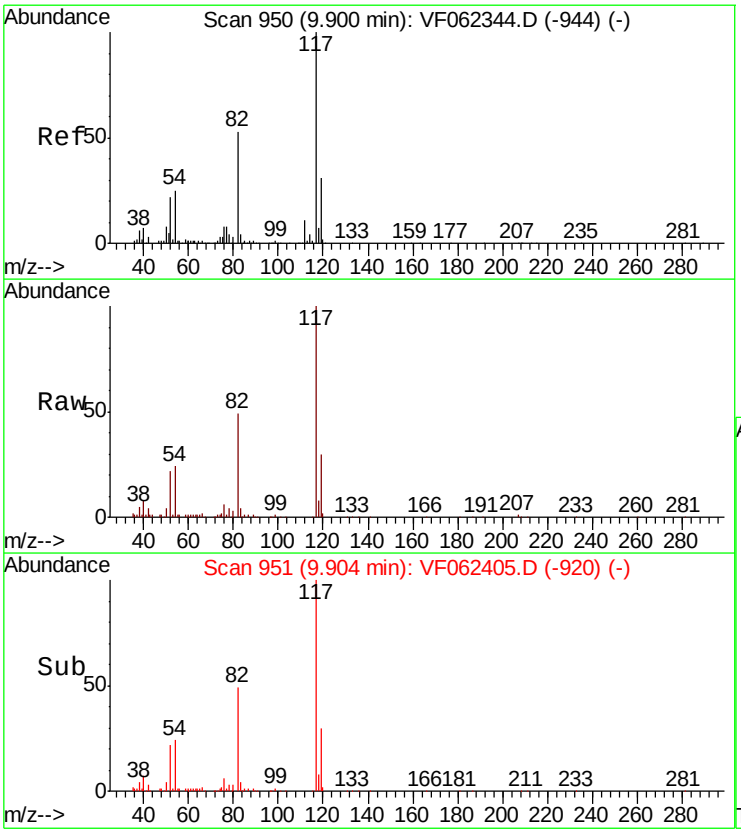
#62
4-Bromofluorobenzene
Concen: 48.297 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-E

Tgt Ion: 95 Resp: 162662

Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	191.8
176	96.9	0.0	193.2

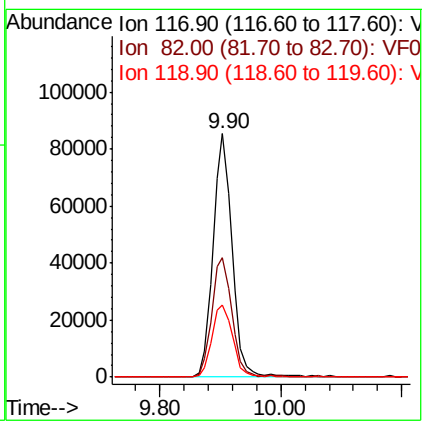


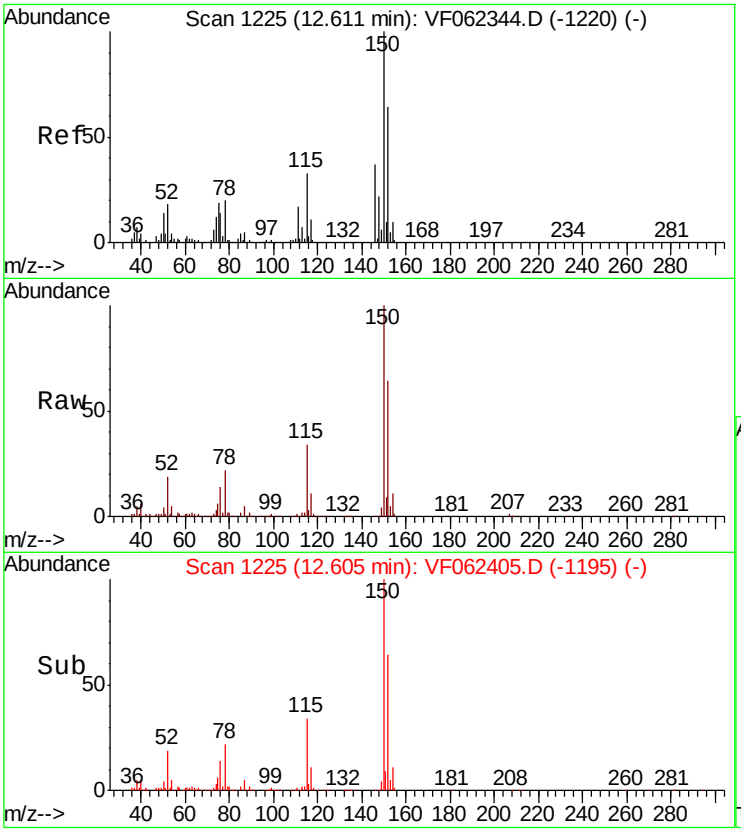


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. 0.00 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Tgt Ion:117 Resp: 186965

Ion	Ratio	Lower	Upper
117	100		
82	48.8	42.2	63.2
119	29.9	25.0	37.4



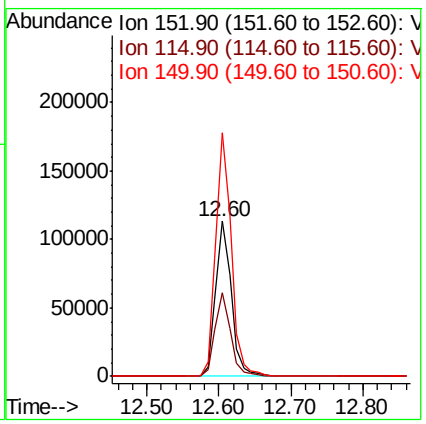


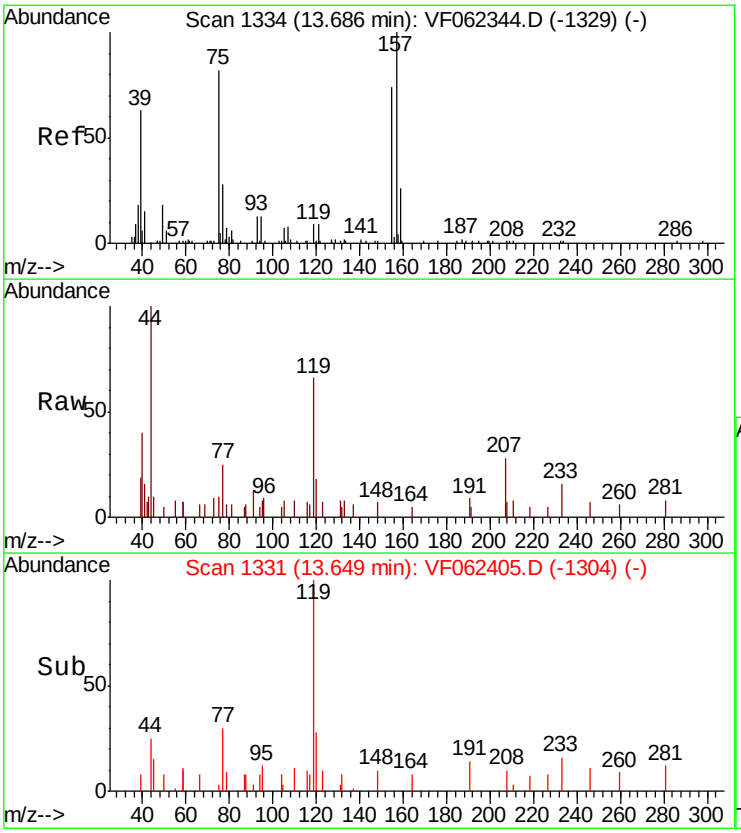
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-E

Tgt Ion:152 Resp: 168808

Ion	Ratio	Lower	Upper
152	100		
115	53.5	26.4	79.2
150	155.0	0.0	335.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.481 ug/l
RT: 13.65 min Scan# 1331
Delta R.T. -0.04 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Tgt Ion: 75 Resp: 520

Ion	Ratio	Lower	Upper
75	100		
155	0.0	51.8	155.4#
157	0.0	67.3	201.8#