Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062422.D
Acq On : 10 May 2019 14:39
Operator : FY/SY
Sample : K2641-03RE
Misc : 6.28g/5mL/MSVOA_F/SOIL
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: May 10 15:03:14 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	5.06	168	401261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	534128	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	404027	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	233122	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	201857	53.23	ug/l	0.02
Spiked Amount 50.000			Recovery = 106.46%			
35) Dibromofluoromethane	4.32	113	231862	54.49	ug/l	0.02
Spiked Amount 50.000			Recovery = 108.98%			
50) Toluene-d8	7.72	98	476842	46.29	ug/l	0.02
Spiked Amount 50.000			Recovery = 92.58%			
62) 4-Bromofluorobenzene	11.50	95	209754	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.28%			
Target Compounds						Qvalue
5) Bromomethane	1.43	94	1435	Below Cal	#	67
8) Diethyl Ether	1.72	74	3924	4.091	ug/l	76
11) Tert butyl alcohol	2.69	59	1623	7.573	ug/l #	70
13) Acrolein	2.08	56	1114	Below Cal	#	44
15) Acrylonitrile	3.10	53	458	1.128	ug/l #	1
16) Acetone	2.35	43	53023	69.120	ug/l	98
18) Methyl Acetate	2.50	43	21690	13.199	ug/l #	58
20) Methylene Chloride	2.36	84	11433	4.119	ug/l #	71
29) Tetrahydrofuran	4.29	42	1145	2.585	ug/l #	61
37) Ethyl Acetate	4.31	43	286	Below Cal	#	73
38) Carbon Tetrachloride	4.17	117	62	Below Cal	#	14
39) Methylcyclohexane	5.78	83	8233	1.789	ug/l #	34
49) 1,4-Dioxane	6.92	88	80	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.41	43	1740	1.100	ug/l #	77

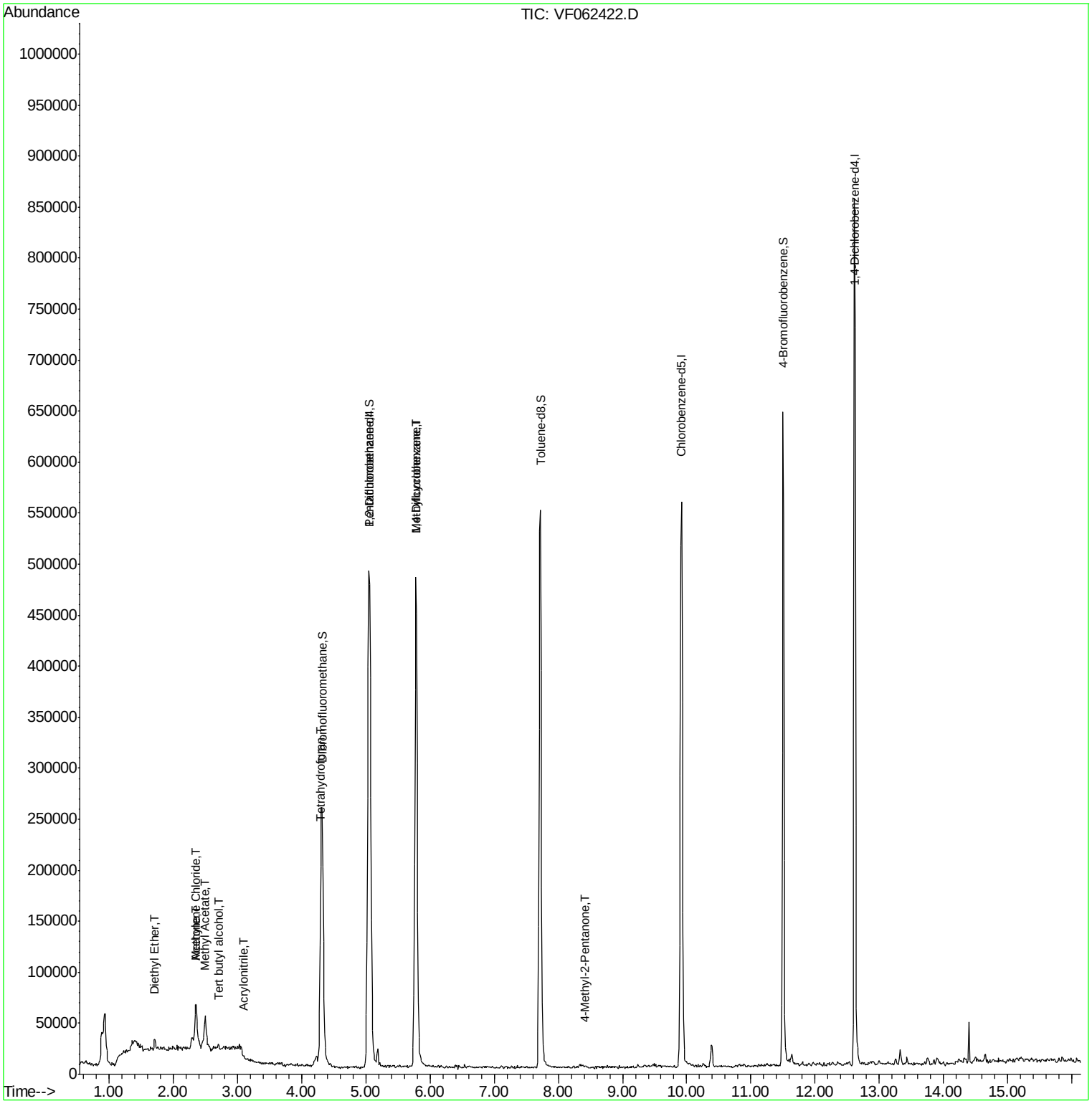
(#) = qualifier out of range (m) = manual integration (+) = signals summed

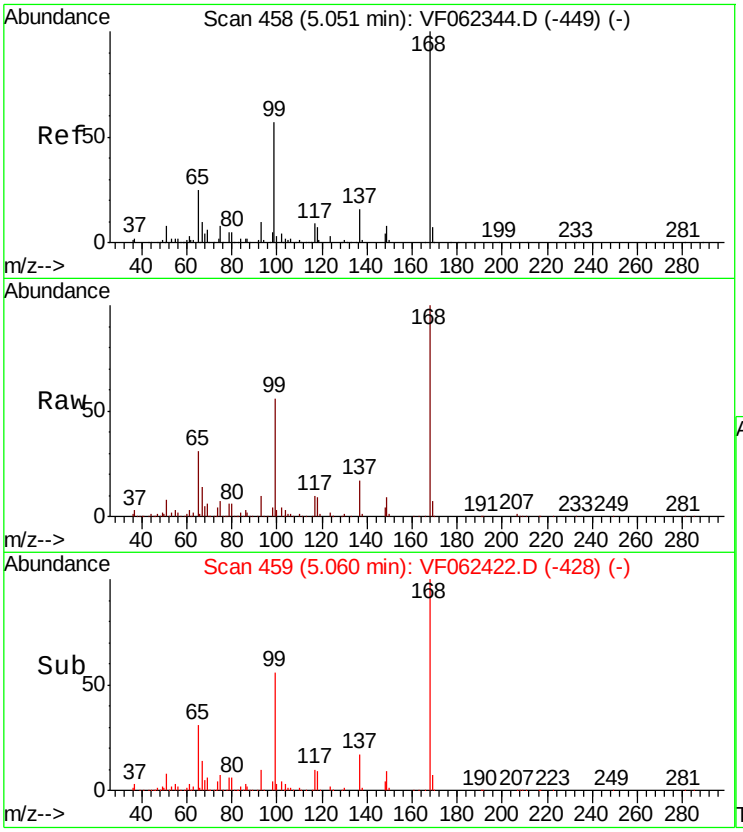
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062422.D
Acq On : 10 May 2019 14:39
Operator : FY/SY
Sample : K2641-03RE
Misc : 6.28g/5mL/MSVOA_F/SOIL
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: May 10 15:03:14 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



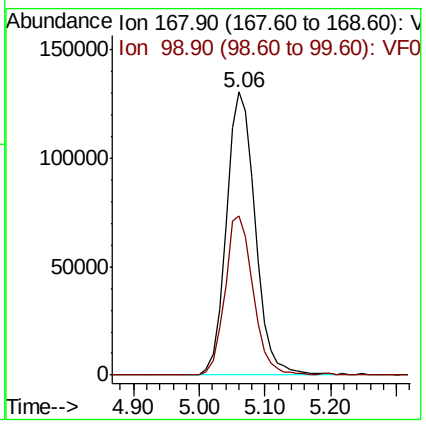


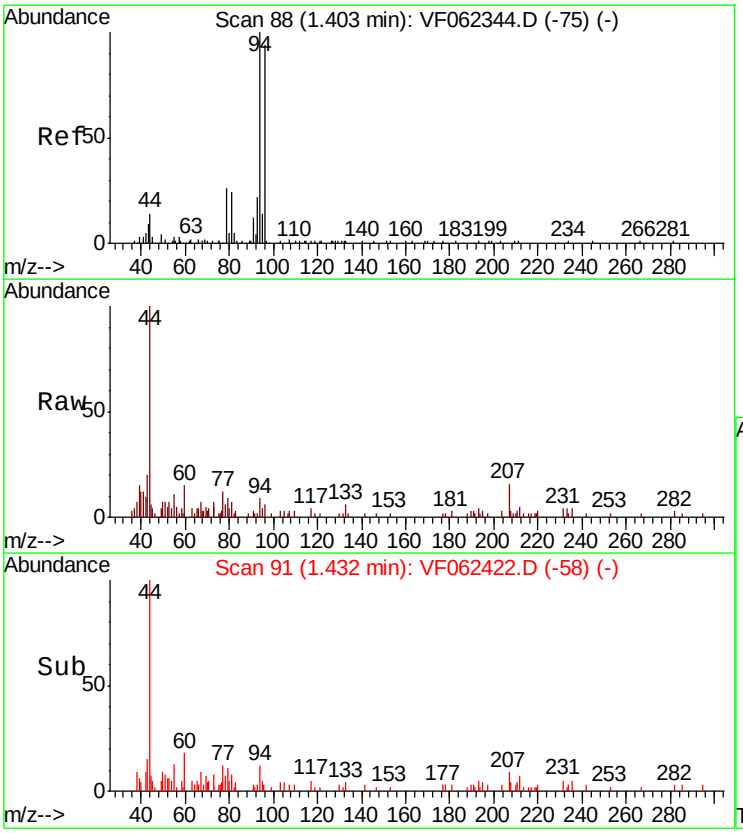
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.01 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

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

Tgt Ion:168 Resp: 401261

Ion	Ratio	Lower	Upper
168	100		
99	56.4	45.9	68.9

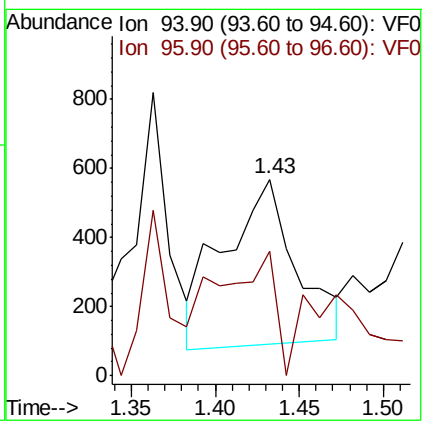


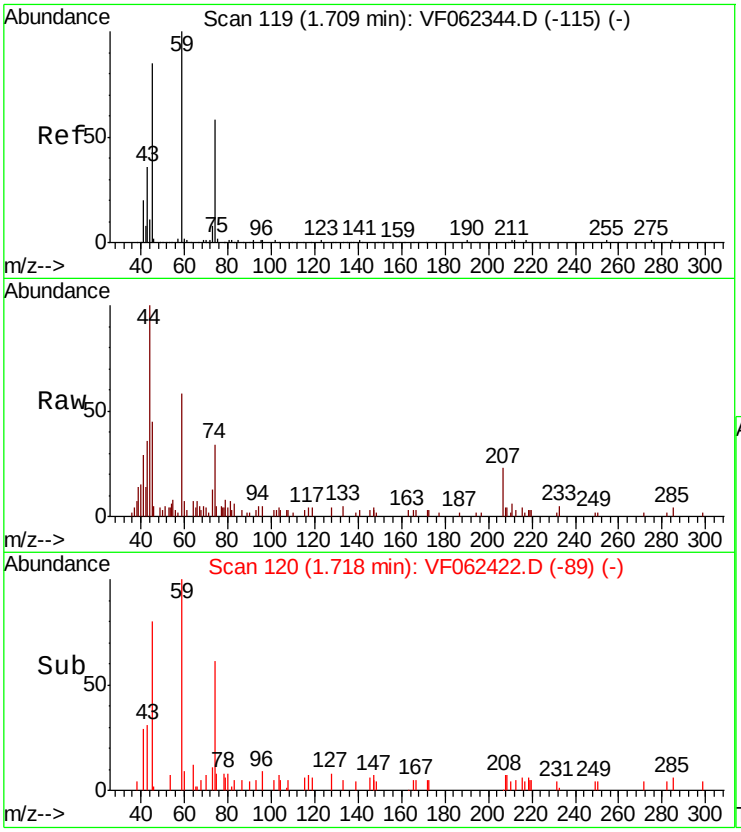


#5
Bromomethane
Concen: Below Cal
RT: 1.43 min Scan# 91
Delta R.T. 0.03 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

Tgt Ion: 94 Resp: 1435

Ion	Ratio	Lower	Upper
94	100		
96	62.4	75.4	113.2#



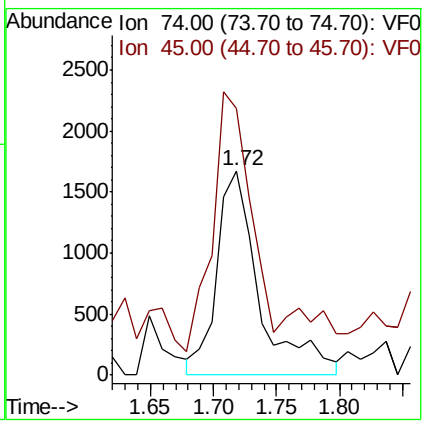


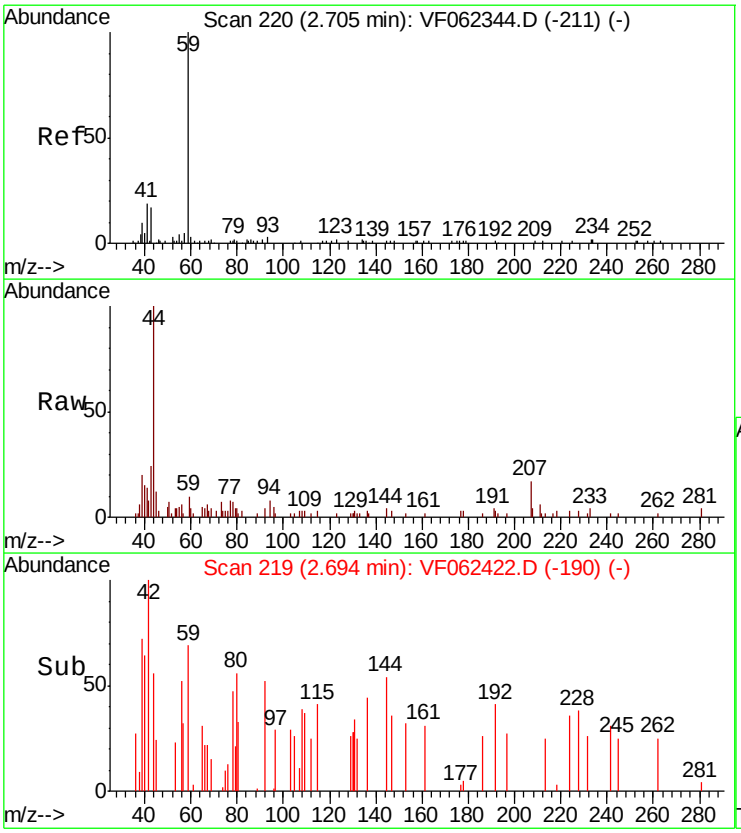
#8
Diethyl Ether
Concen: 4.091 ug/l
RT: 1.72 min Scan# 120
Delta R.T. 0.01 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

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

Tgt Ion: 74 Resp: 3924

Ion	Ratio	Lower	Upper
74	100		
45	117.2	73.9	221.6

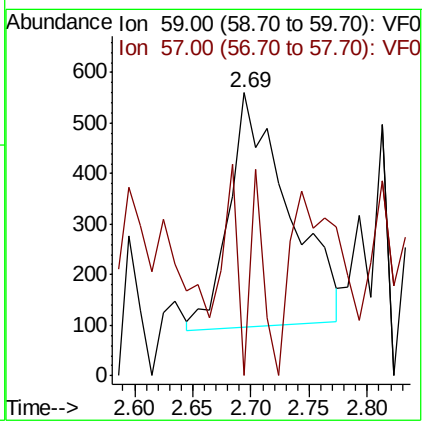


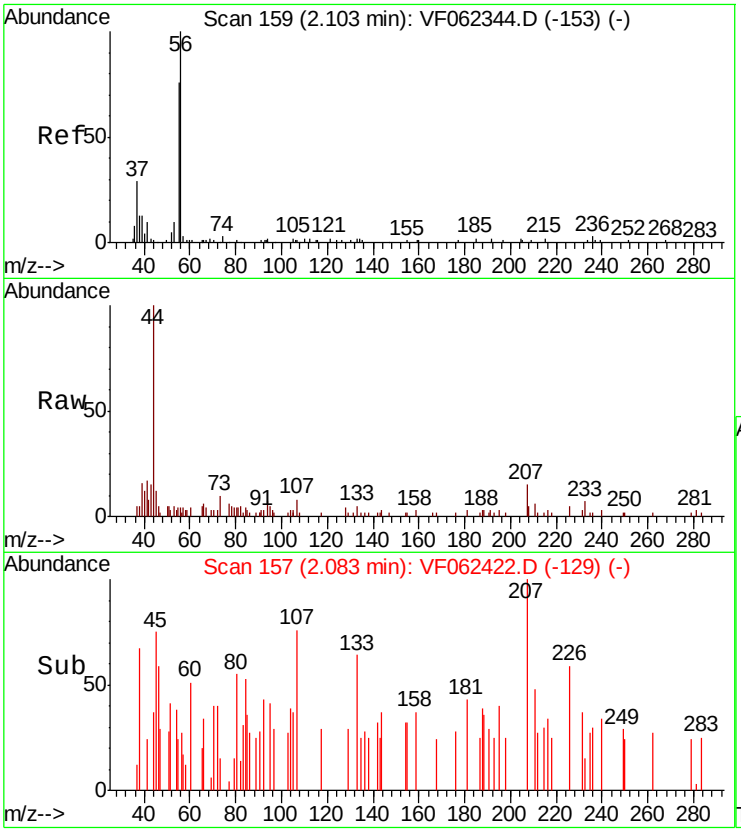


#11
Tert butyl alcohol
Concen: 7.573 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.01 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

Tgt Ion: 59 Resp: 1623

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#



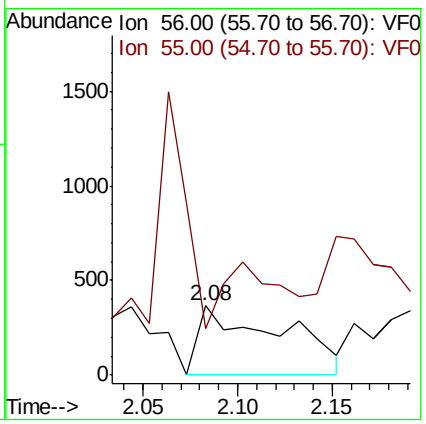


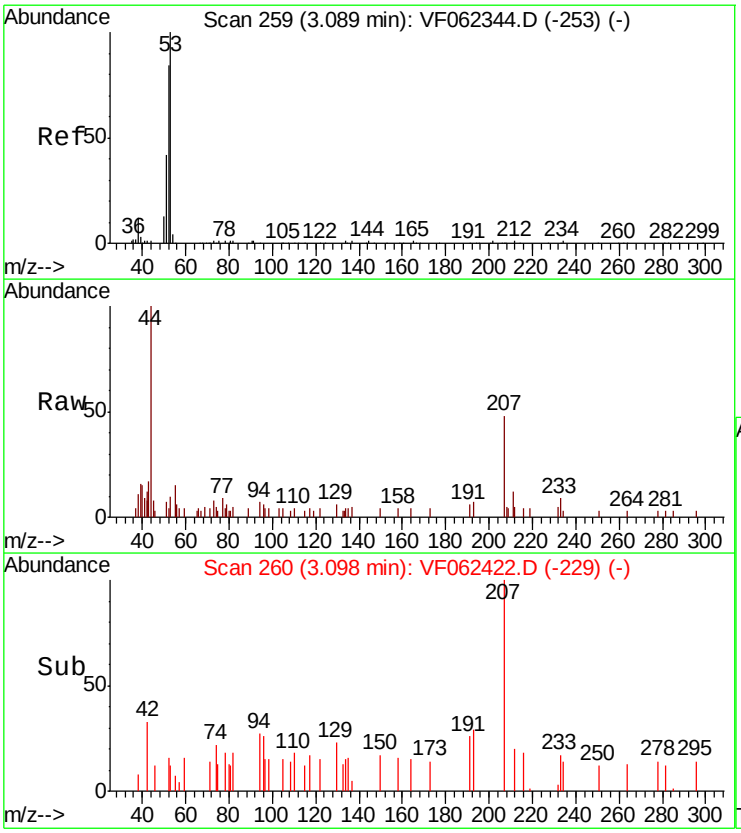
#13
Acrolein
Concen: Below Cal
RT: 2.08 min Scan# 157
Delta R.T. -0.02 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

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

Tgt Ion: 56 Resp: 1114

Ion	Ratio	Lower	Upper
56	100		
55	26.1	58.4	87.6#

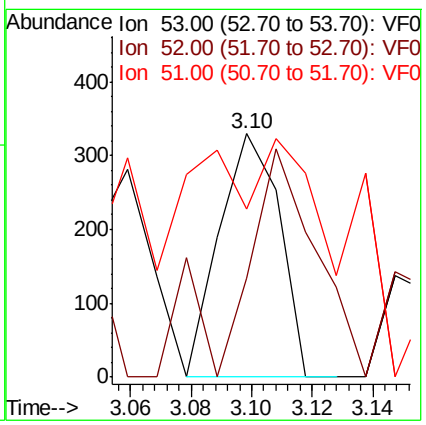


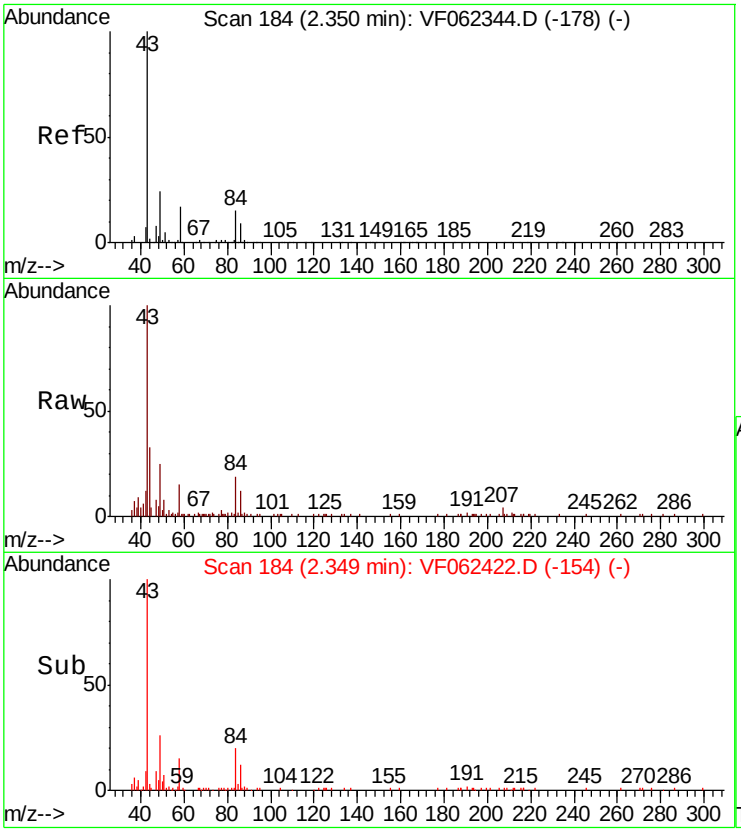


#15
Acrylonitrile
Concen: 1.128 ug/l
RT: 3.10 min Scan# 260
Delta R.T. 0.01 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

Tgt Ion: 53 Resp: 458

Ion	Ratio	Lower	Upper
53	100		
52	119.2	77.2	115.8#
51	235.4	40.6	61.0#



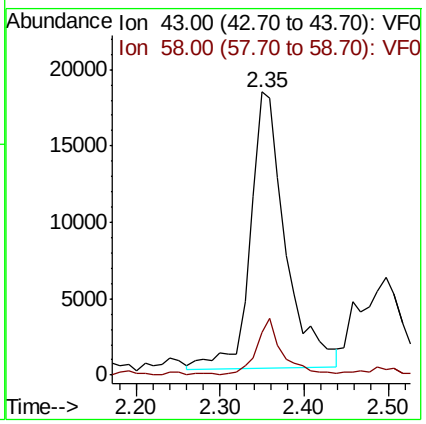


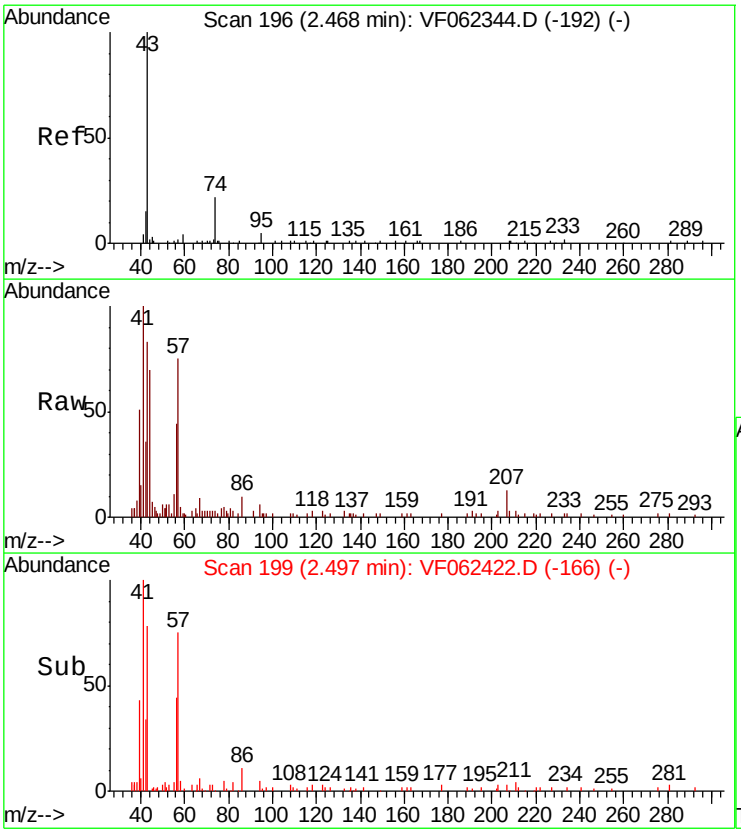
#16
Acetone
Concen: 69.120 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

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

Tgt Ion: 43 Resp: 53023

Ion	Ratio	Lower	Upper
43	100		
58	15.6	13.1	19.7

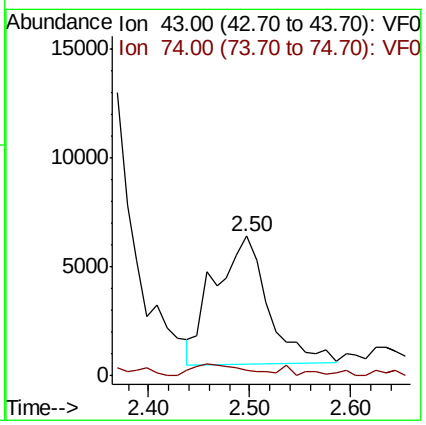


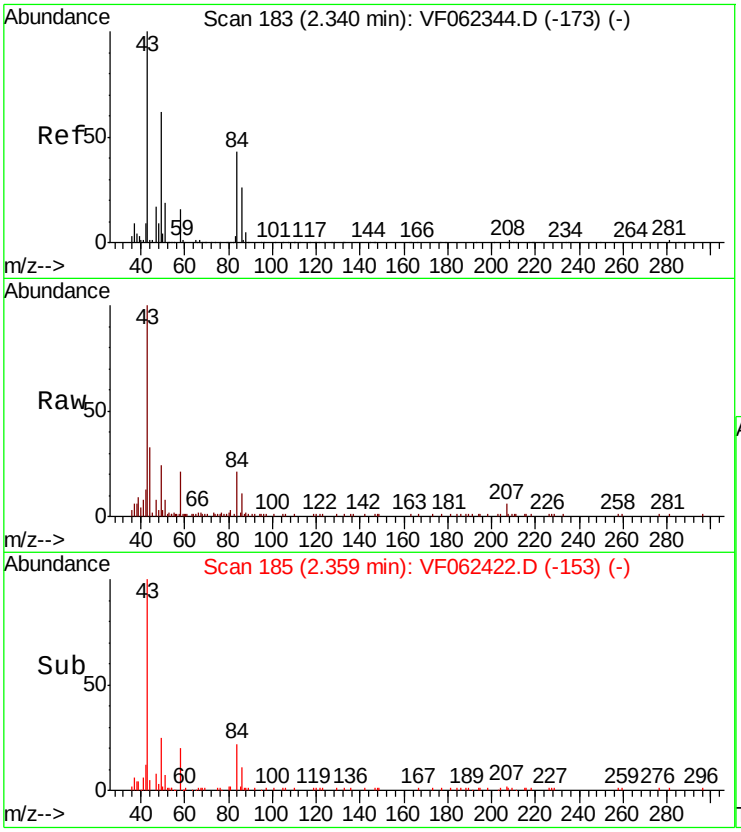


#18
Methyl Acetate
Concen: 13.199 ug/l
RT: 2.50 min Scan# 199
Delta R.T. 0.03 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

Tgt Ion: 43 Resp: 21690

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.0	22.4#



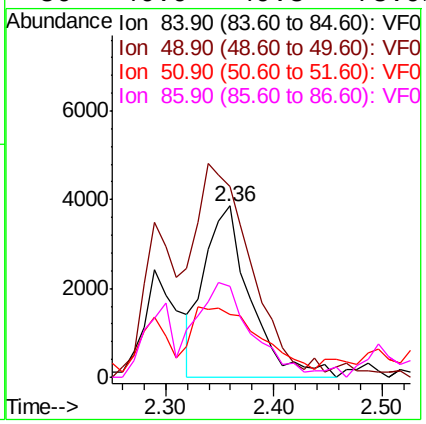


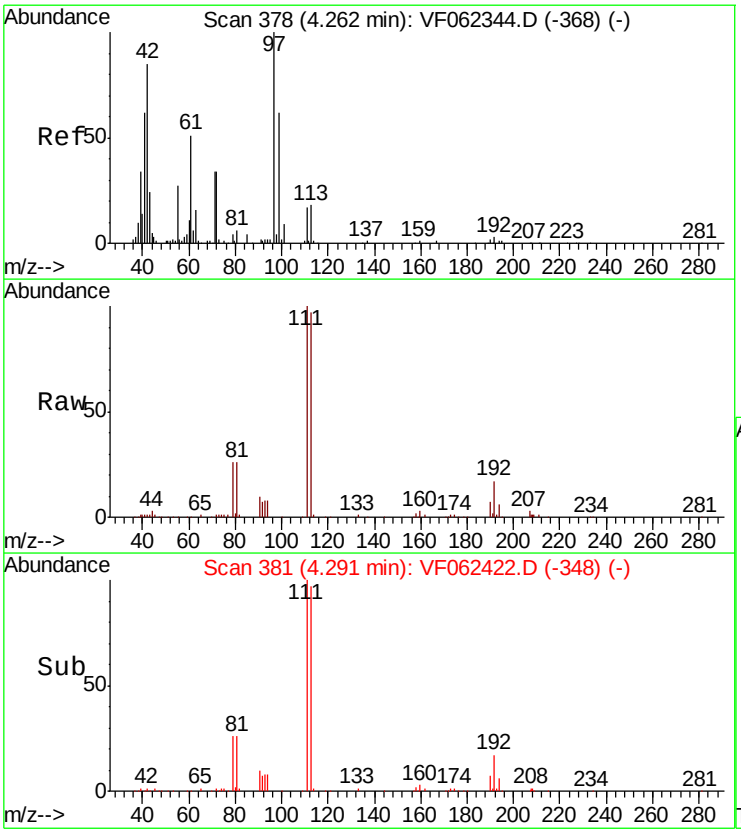
#20
Methylene Chloride
Concen: 4.119 ug/l
RT: 2.36 min Scan# 185
Delta R.T. 0.02 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

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

Tgt Ion: 84 Resp: 11433

Ion	Ratio	Lower	Upper
84	100		
49	104.8	117.5	176.3#
51	26.3	37.0	55.4#
86	46.9	49.3	73.9#

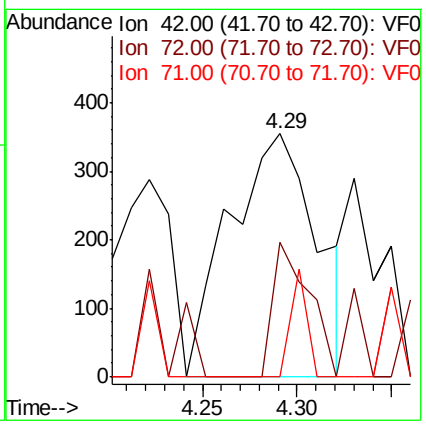


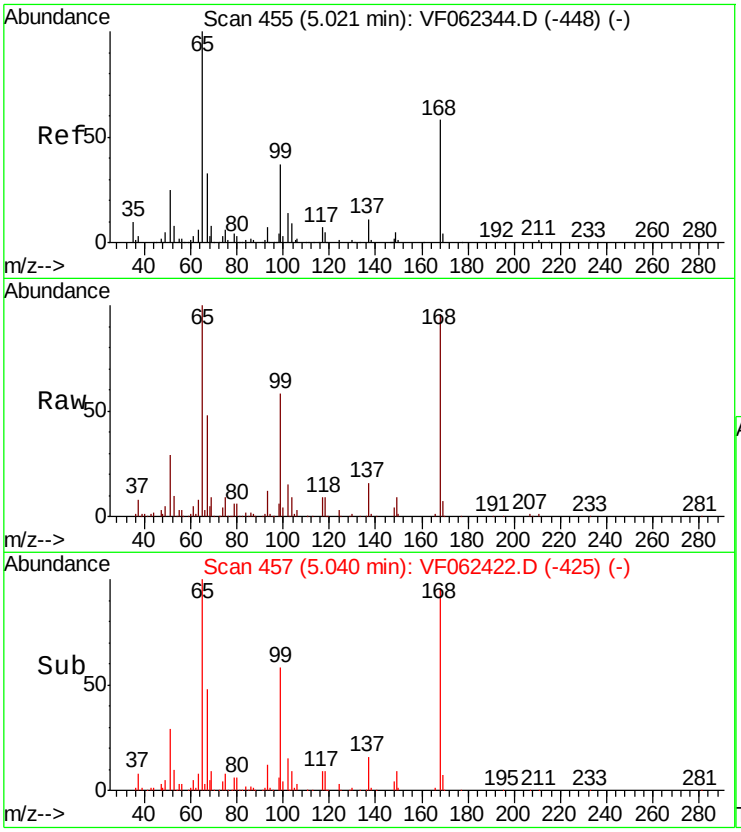


#29
Tetrahydrofuran
Concen: 2.585 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.03 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

Tgt Ion: 42 Resp: 1145

Ion	Ratio	Lower	Upper
42	100		
72	23.1	31.4	47.0#
71	8.1	31.7	47.5#



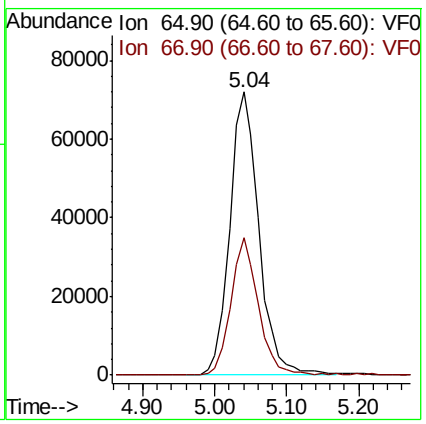


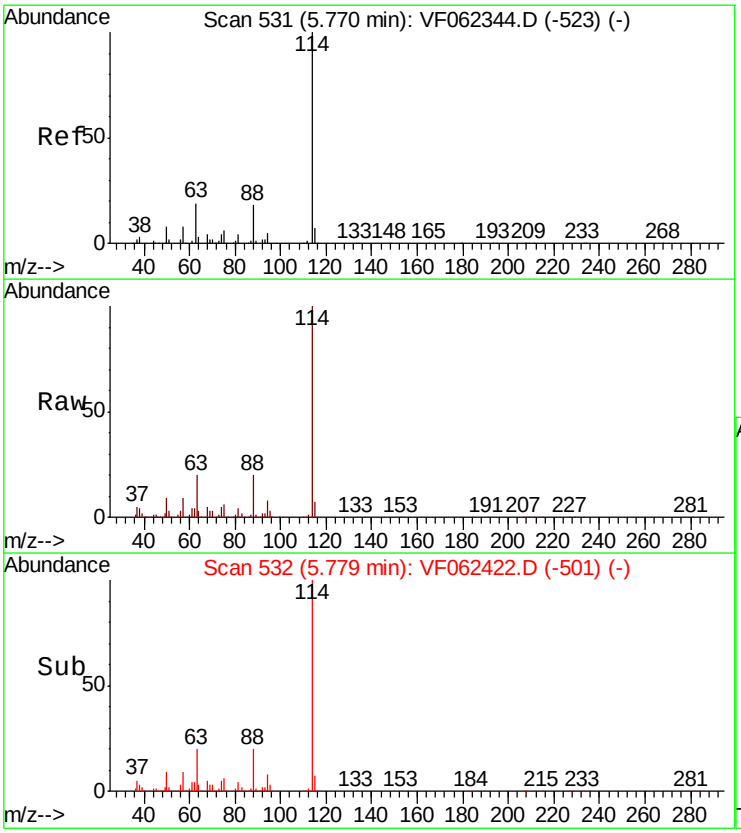
#33
1,2-Dichloroethane-d4
Concen: 53.231 ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.02 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

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

Tgt Ion: 65 Resp: 201857

Ion	Ratio	Lower	Upper
65	100		
67	45.5	0.0	85.8

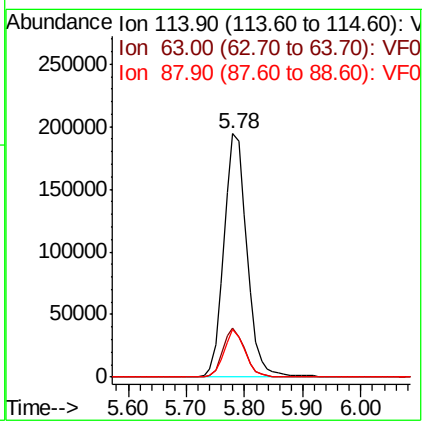


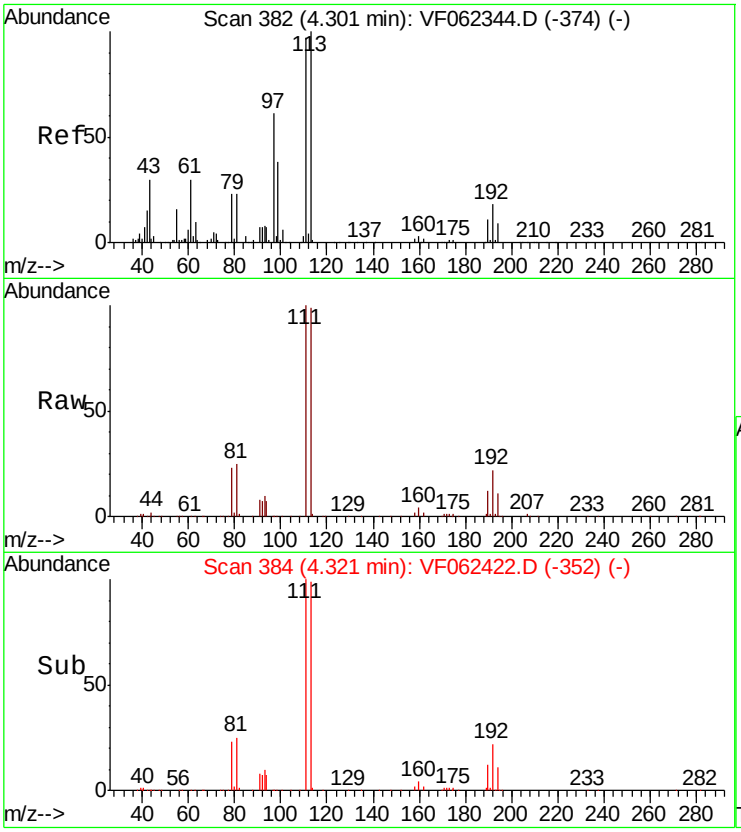


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.01 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

Tgt Ion:114 Resp: 534128

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	37.4
88	19.6	0.0	36.4



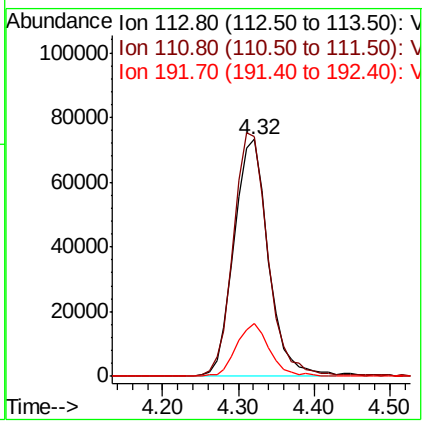


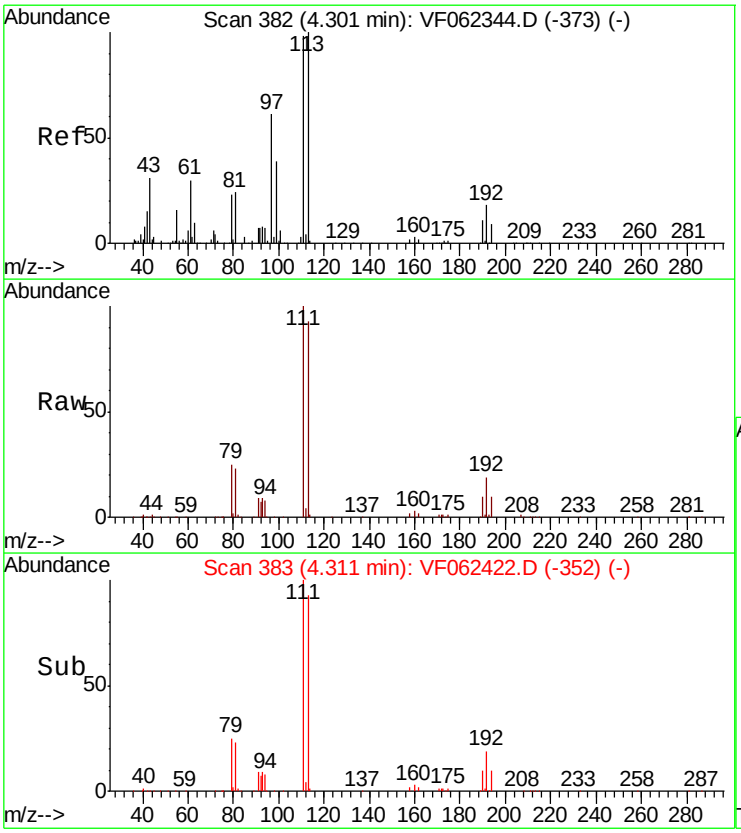
#35
Dibromofluoromethane
Concen: 54.488 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

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

Tgt Ion:113 Resp: 231862

Ion	Ratio	Lower	Upper
113	100		
111	103.0	79.4	119.0
192	21.6	16.0	24.0

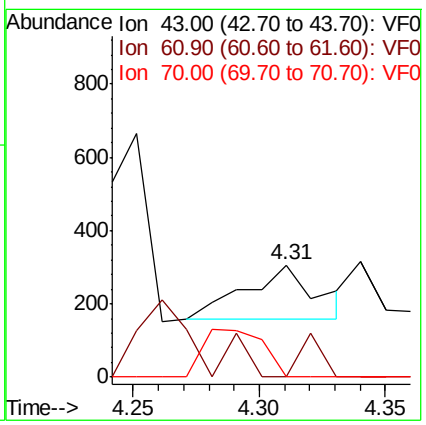


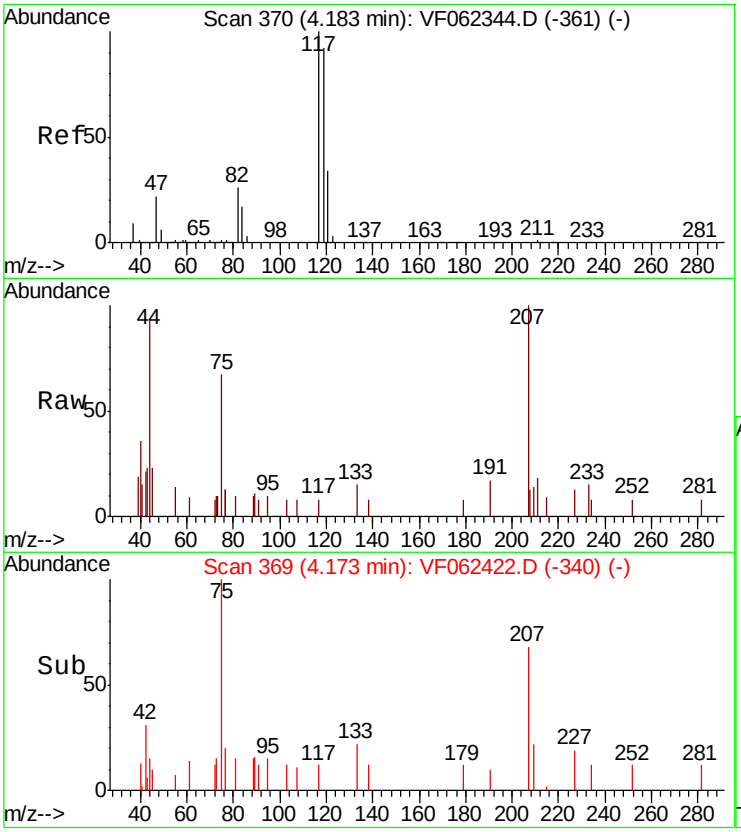


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.31 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

Tgt Ion: 43 Resp: 286

Ion	Ratio	Lower	Upper
43	100		
61	25.2	0.0	0.0#
70	0.0	8.2	12.2#



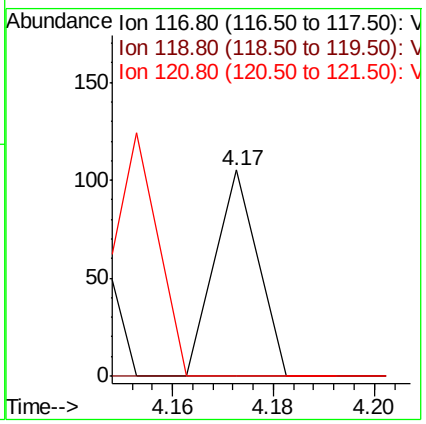


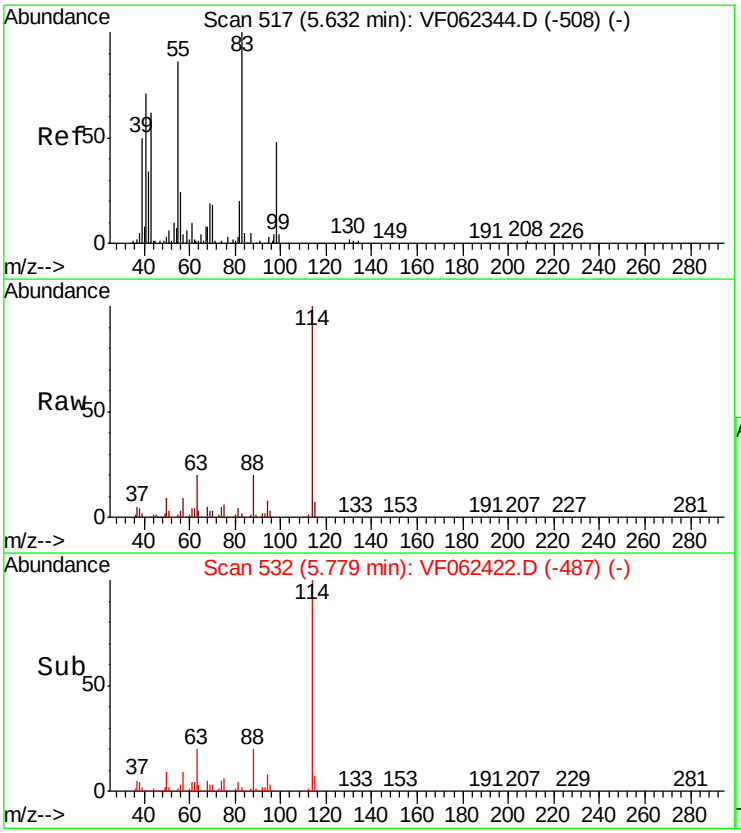
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.17 min Scan# 369
Delta R.T. -0.01 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

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

Tgt Ion:117 Resp: 62

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

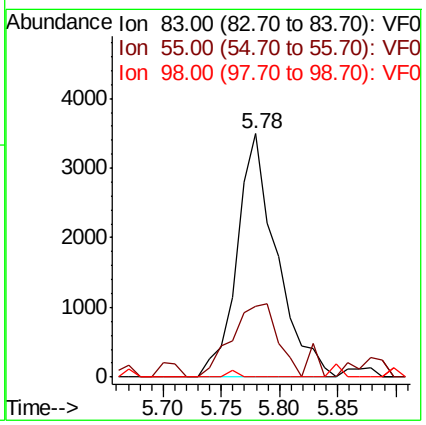


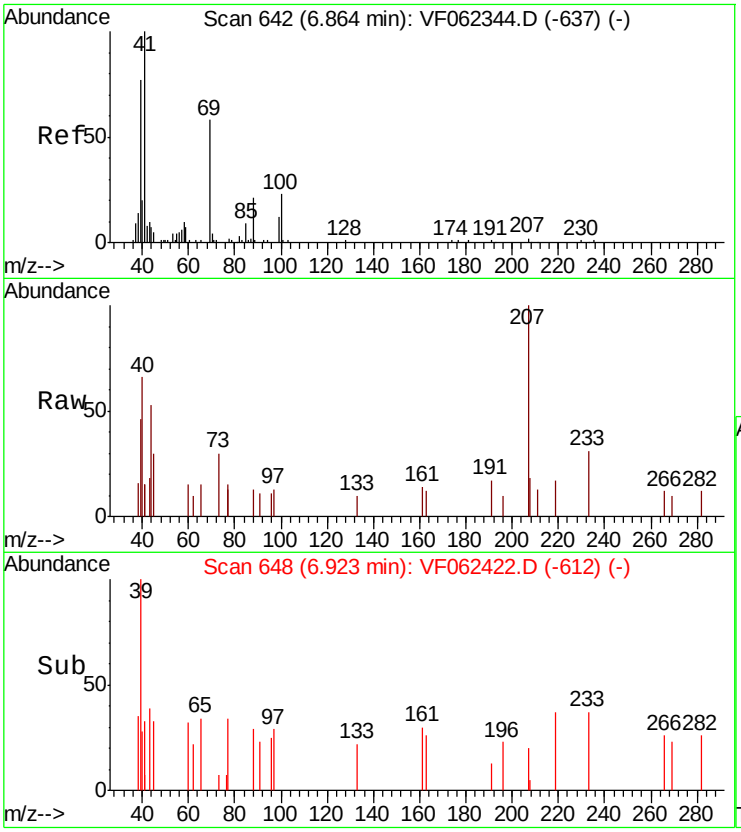


#39
Methylcyclohexane
Concen: 1.789 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.15 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

Tgt Ion: 83 Resp: 8233

Ion	Ratio	Lower	Upper
83	100		
55	29.0	69.0	103.6#
98	0.0	38.6	58.0#



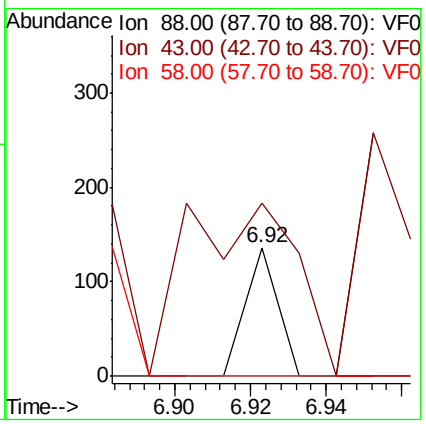


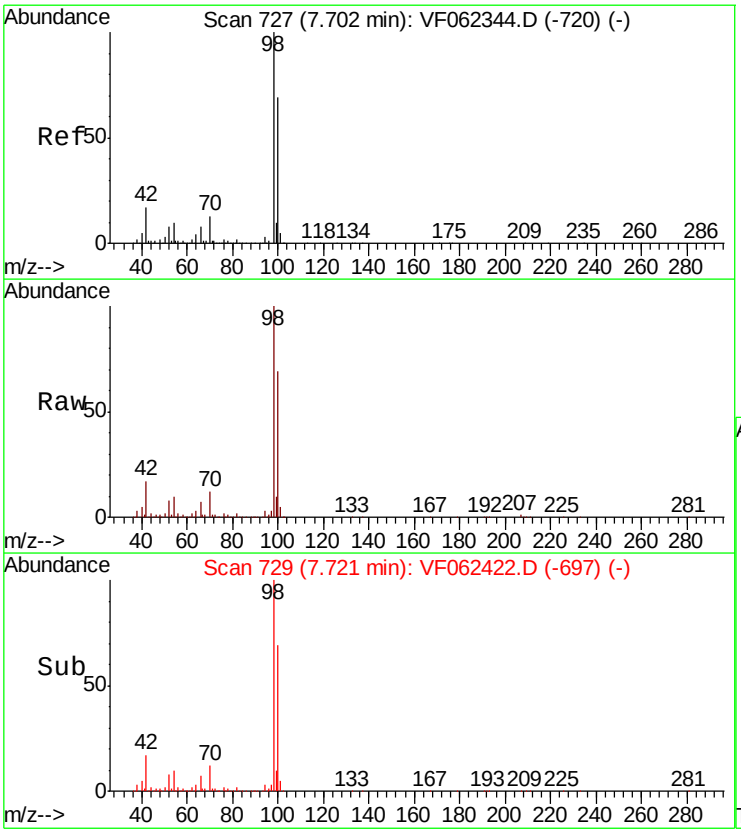
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.92 min Scan# 648
Delta R.T. 0.06 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

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

Tgt Ion: 88 Resp: 80

Ion	Ratio	Lower	Upper
88	100		
43	458.8	55.6	83.4#
58	0.0	52.8	79.2#

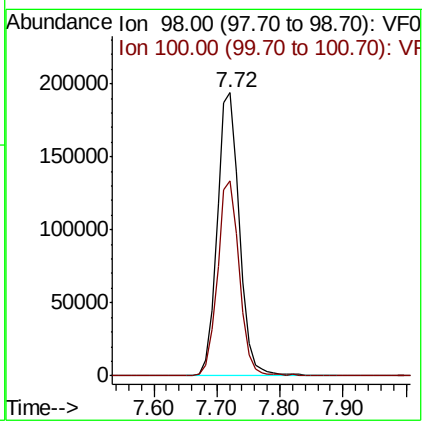


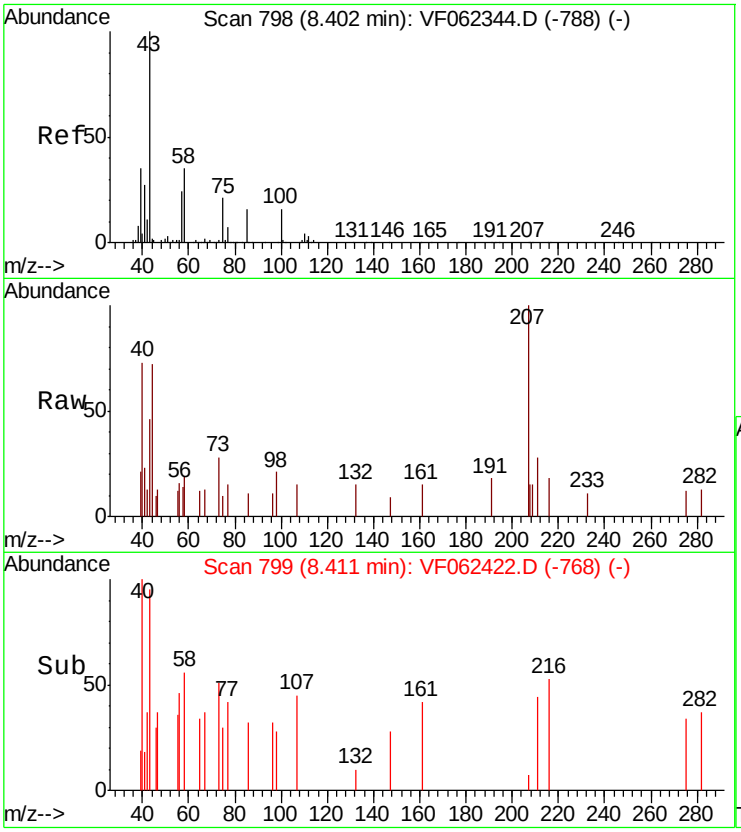


#50
Toluene-d8
Concen: 46.293 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

Tgt Ion: 98 Resp: 476842

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.3	79.9



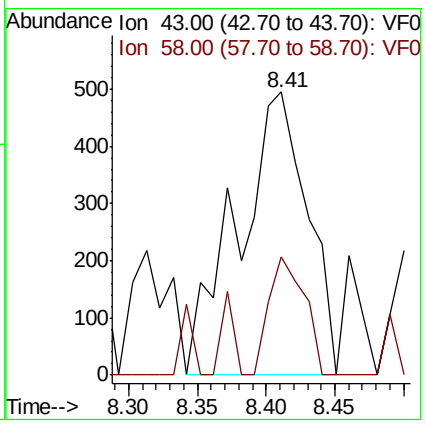


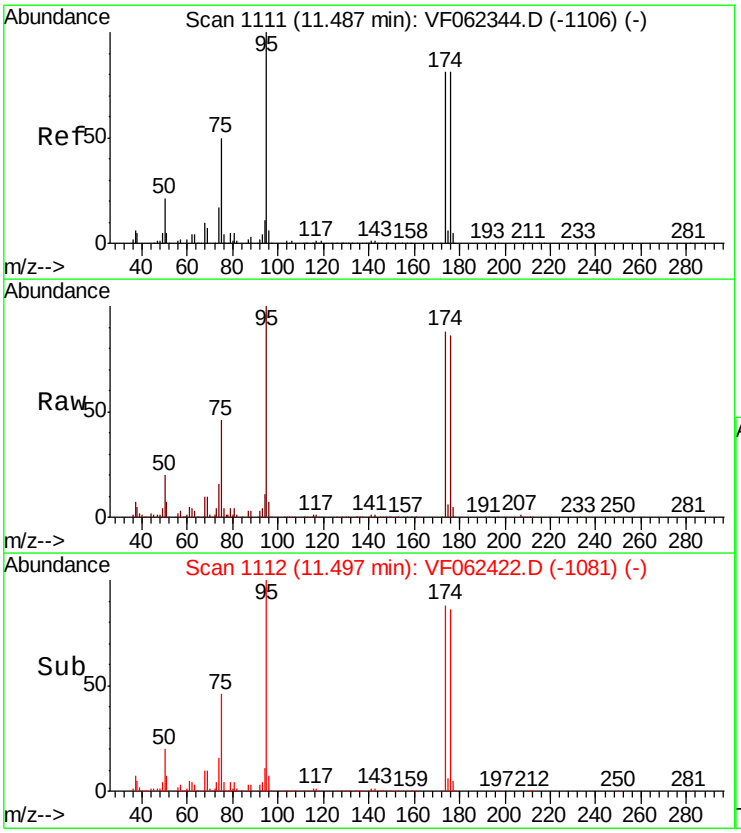
#51
4-Methyl-2-Pentanone
Concen: 1.100 ug/l
RT: 8.41 min Scan# 799
Delta R.T. 0.01 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

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

Tgt Ion: 43 Resp: 1740

Ion	Ratio	Lower	Upper
43	100		
58	21.3	27.8	41.6#

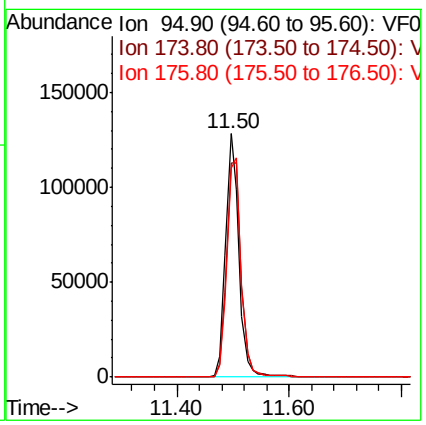


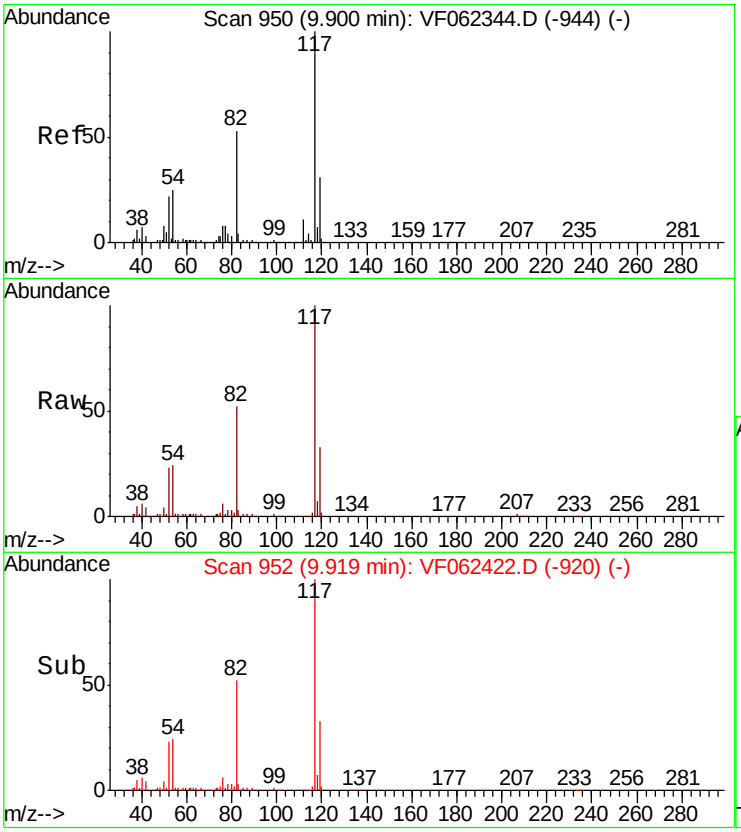


#62
4-Bromofluorobenzene
Concen: 45.135 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

Tgt Ion: 95 Resp: 209754

Ion	Ratio	Lower	Upper
95	100		
174	98.7	0.0	191.8
176	96.8	0.0	193.2



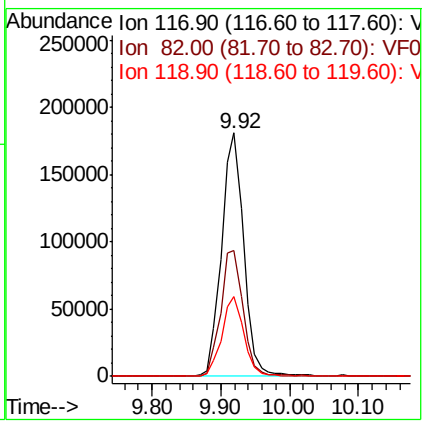


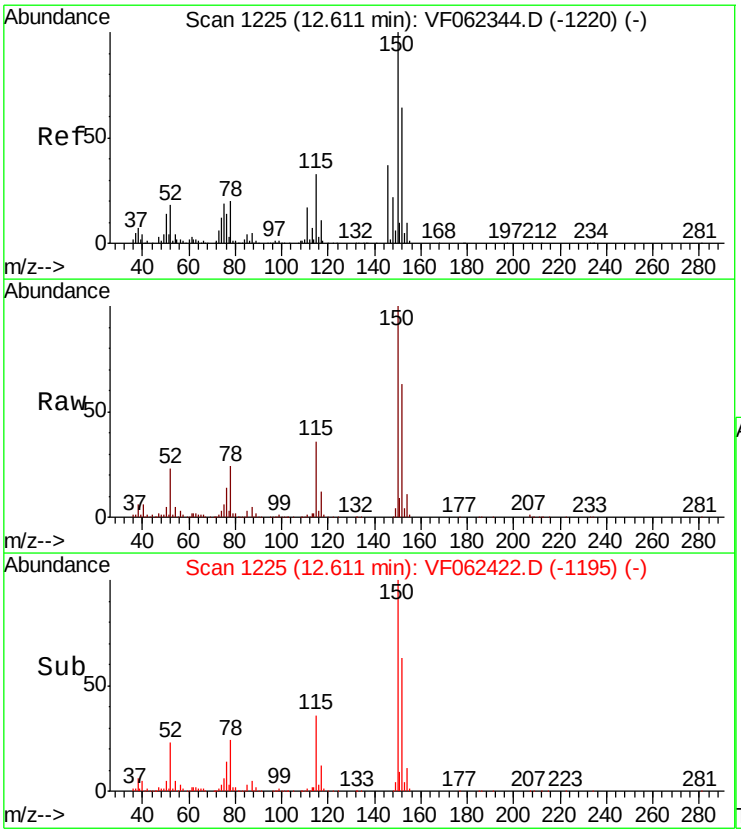
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

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

Tgt Ion:117 Resp: 404027

Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.2	63.2
119	32.9	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VF062422.D
Acq: 10 May 2019 14:39

Tgt Ion:152 Resp: 233122

Ion	Ratio	Lower	Upper
152	100		
115	53.0	26.4	79.2
150	153.4	0.0	335.0