Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050919\
Data File : VF062410.D
Acq On : 9 May 2019 21:58
Operator : FY/SY
Sample : K2645-05
Misc : 6.25g/5mL/MSVOA_F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-C

Quant Time: May 10 01:56:01 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	5.05	168	250731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	318914	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	126797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	116843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	182175	76.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 153.76%			
35) Dibromofluoromethane	4.30	113	201334	79.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 158.48%			
50) Toluene-d8	7.71	98	62294	10.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 20.26%			
62) 4-Bromofluorobenzene	11.50	95	118432	42.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.36%			
Target Compounds						Qvalue
5) Bromomethane	1.35	94	746	Below Cal	#	42
11) Tert butyl alcohol	2.68	59	929	6.937 ug/l	#	67
13) Acrolein	2.07	56	223	Below Cal	#	1
15) Acrylonitrile	3.07	53	1096	4.320 ug/l	#	65
16) Acetone	2.35	43	23324	48.659 ug/l		98
18) Methyl Acetate	2.48	43	1034	Below Cal	#	1
20) Methylene Chloride	2.34	84	3955	2.281 ug/l	#	86
29) Tetrahydrofuran	4.30	42	596	2.153 ug/l	#	36
37) Ethyl Acetate	4.30	43	652	Below Cal	#	73
38) Carbon Tetrachloride	4.19	117	74	Below Cal	#	14
39) Methylcyclohexane	5.77	83	4854	1.767 ug/l	#	39
48) Methyl methacrylate	6.90	41	1077	1.223 ug/l	#	46
49) 1,4-Dioxane	6.87	88	72	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.41	43	1172	1.241 ug/l	#	73
59) 2-Hexanone	9.60	43	1692	2.591 ug/l	#	37
95) Naphthalene	14.48	128	6014	1.388 ug/l	#	92

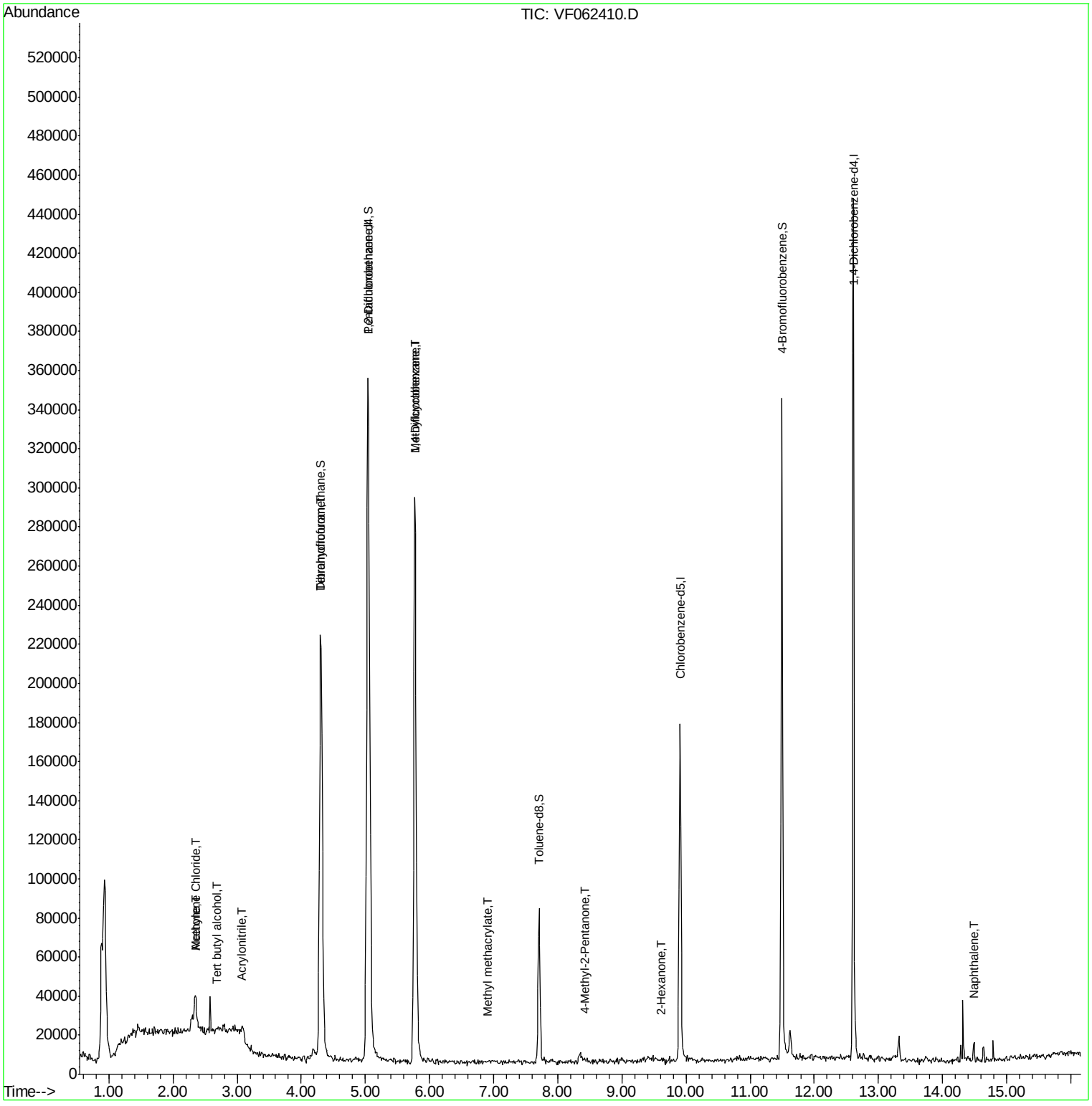
(#) = qualifier out of range (m) = manual integration (+) = signals summed

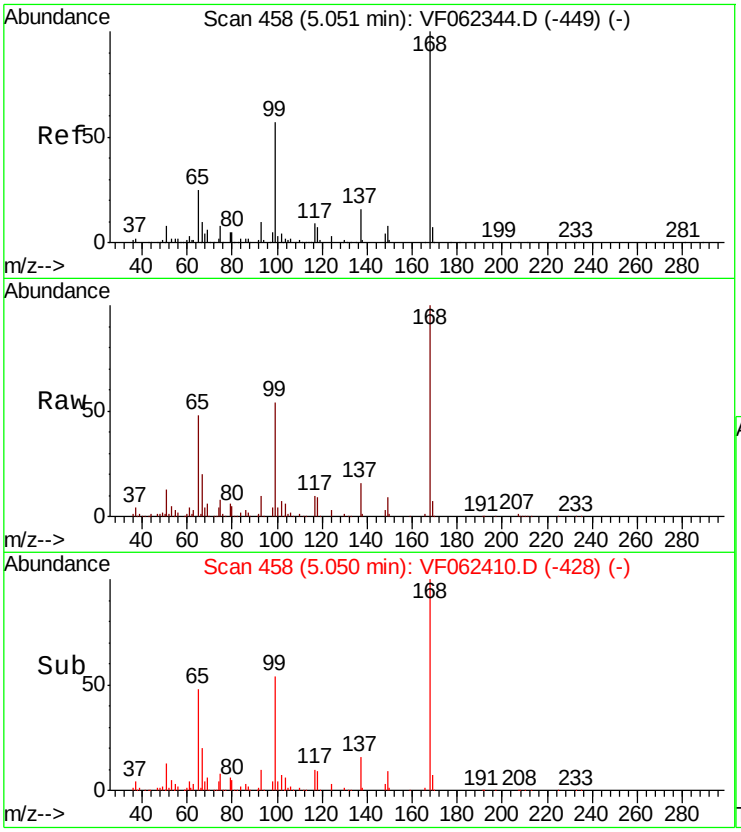
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050919\
Data File : VF062410.D
Acq On : 9 May 2019 21:58
Operator : FY/SY
Sample : K2645-05
Misc : 6.25g/5mL/MSVOA_F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-C

Quant Time: May 10 01:56:01 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



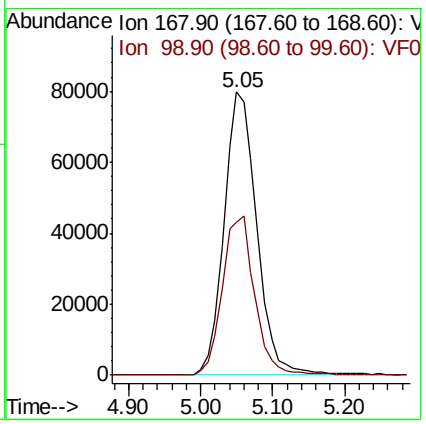


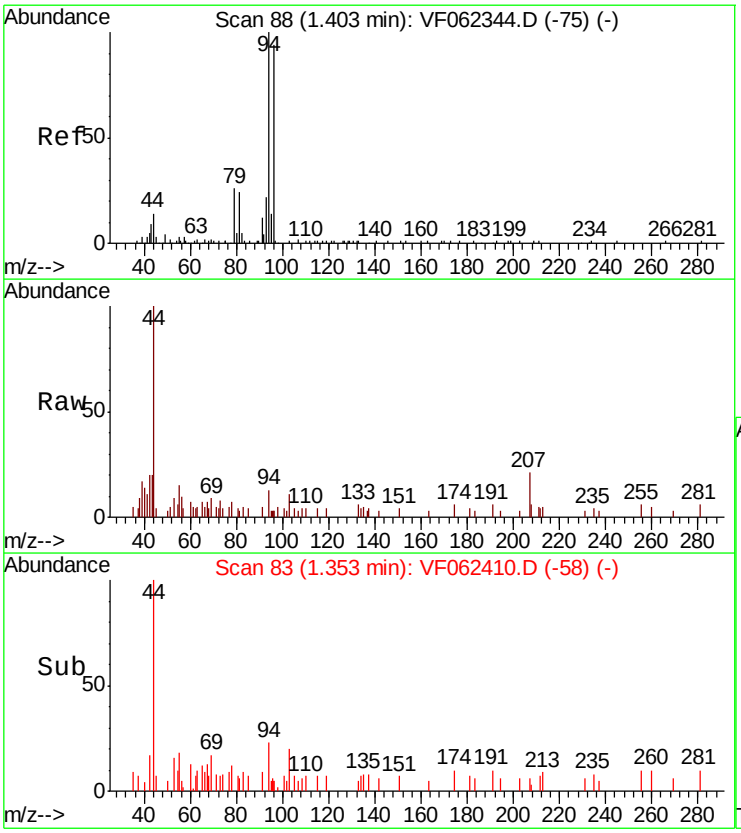
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 458
Delta R.T. -0.00 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-C

Tgt Ion:168 Resp: 250731

Ion	Ratio	Lower	Upper
168	100		
99	54.1	45.9	68.9

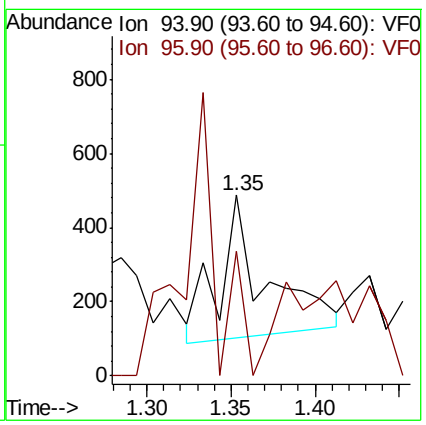


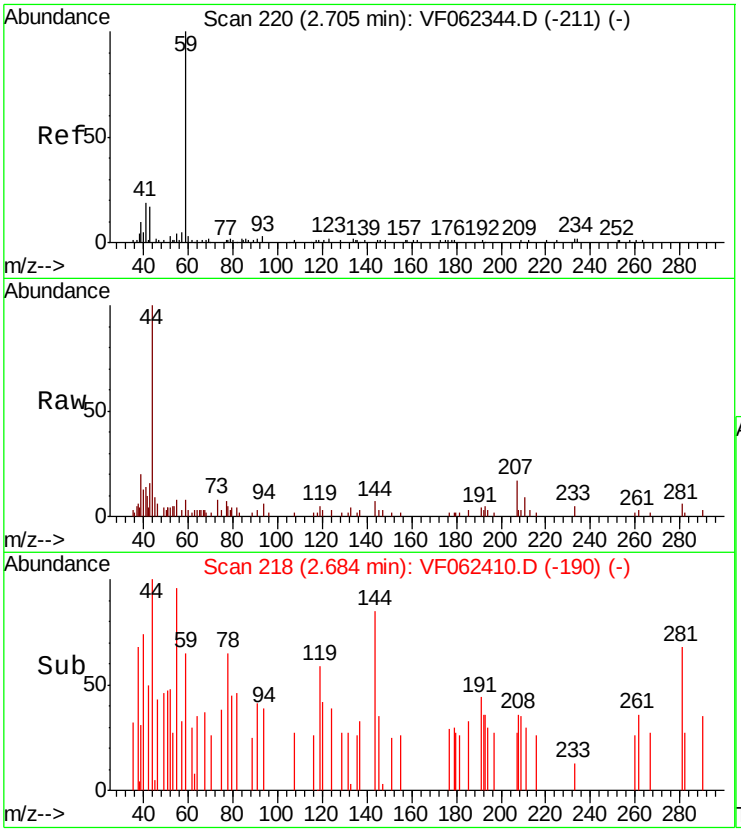


#5
Bromomethane
Concen: Below Cal
RT: 1.35 min Scan# 83
Delta R.T. -0.05 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Tgt Ion: 94 Resp: 746

Ion	Ratio	Lower	Upper
94	100		
96	38.0	75.4	113.2#



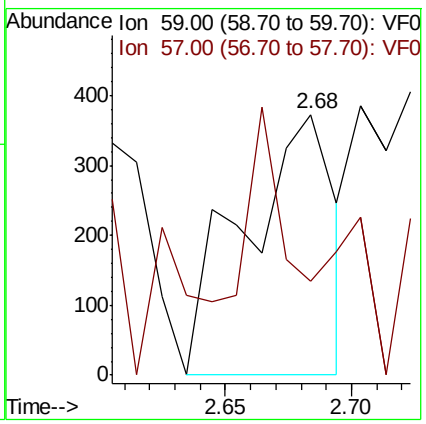


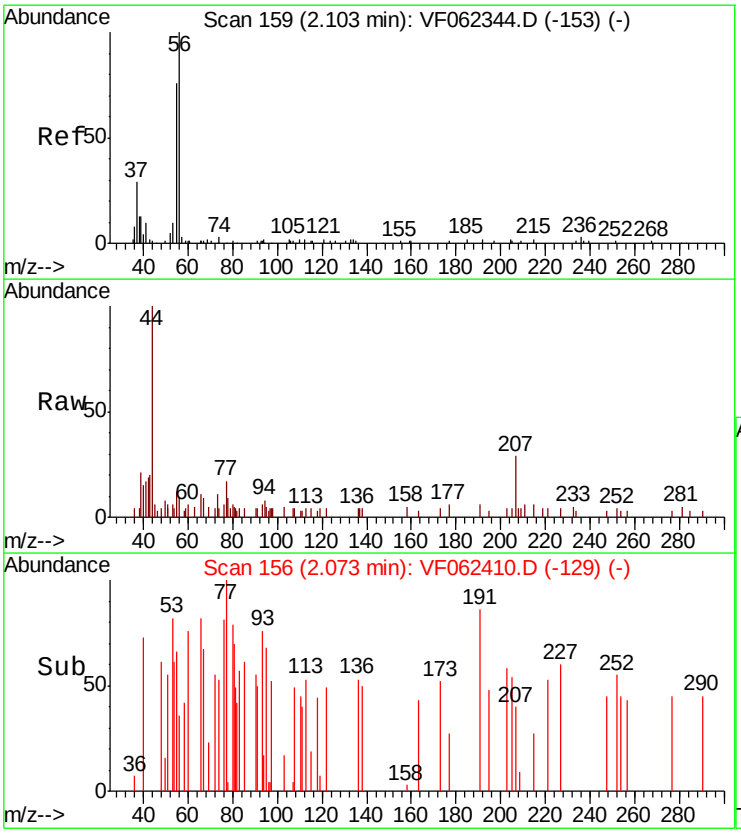
#11
Tert butyl alcohol
Concen: 6.937 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.02 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-C

Tgt Ion: 59 Resp: 929

Ion	Ratio	Lower	Upper
59	100		
57	24.1	9.3	13.9#

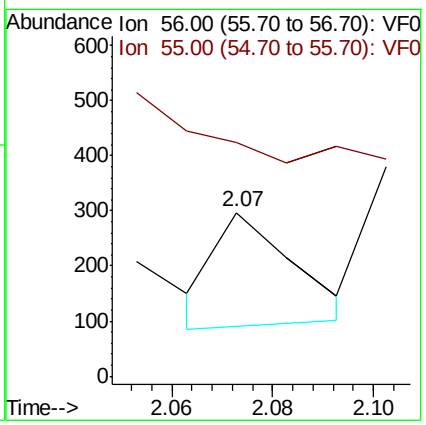


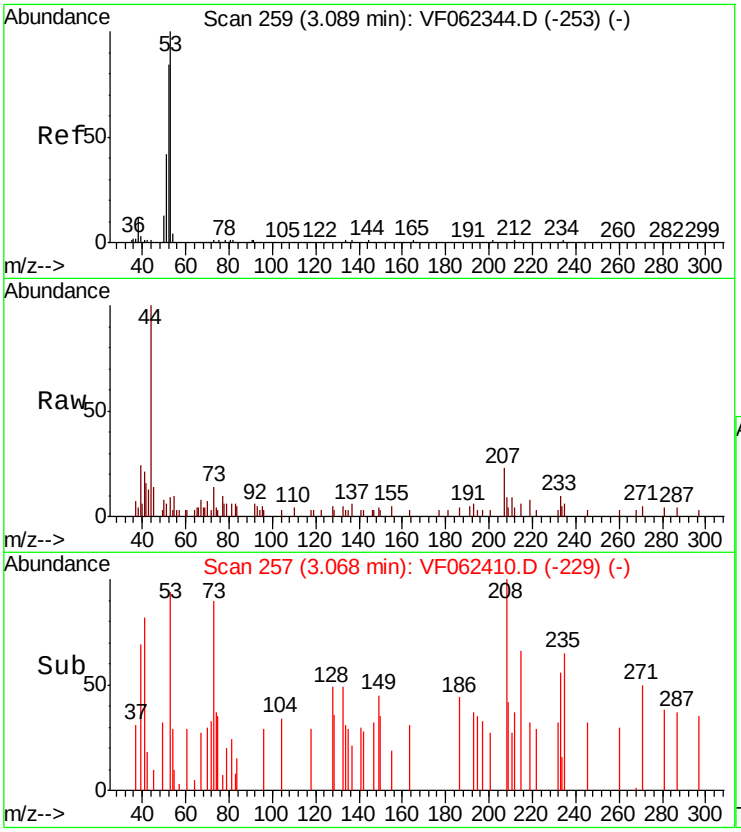


#13
Acrolein
Concen: Below Cal
RT: 2.07 min Scan# 156
Delta R.T. -0.03 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Tgt Ion: 56 Resp: 223

Ion	Ratio	Lower	Upper
56	100		
55	300.0	58.4	87.6#



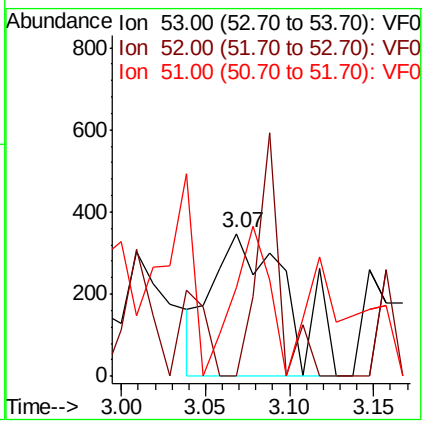


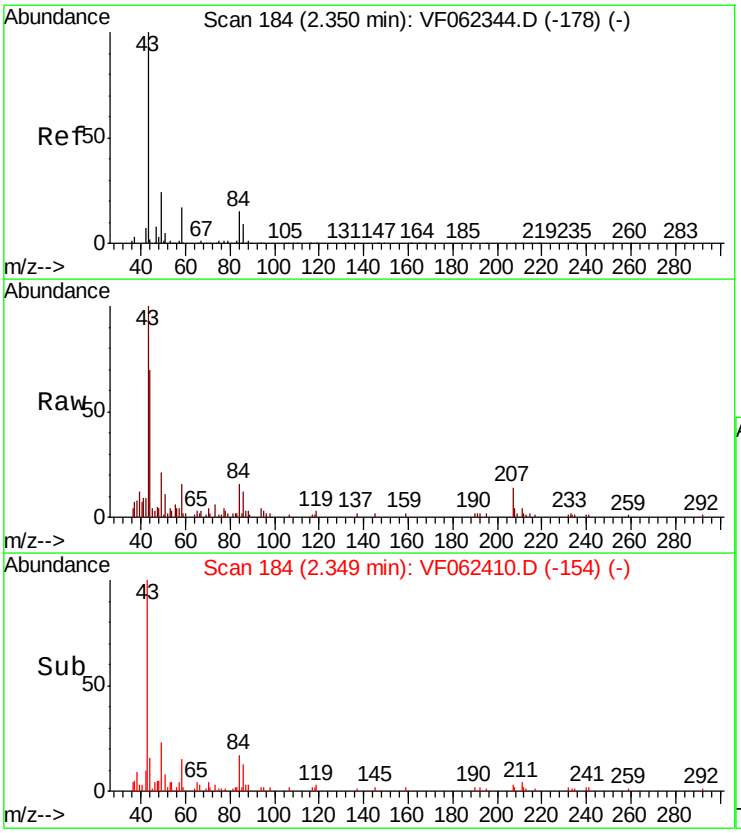
#15
Acrylonitrile
Concen: 4.320 ug/l
RT: 3.07 min Scan# 257
Delta R.T. -0.02 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-C

Tgt Ion: 53 Resp: 1096

Ion	Ratio	Lower	Upper
53	100		
52	49.1	77.2	115.8#
51	44.1	40.6	61.0

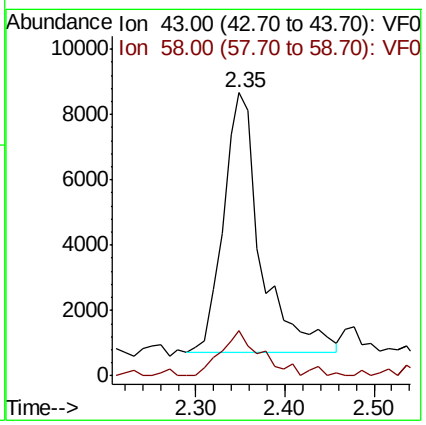


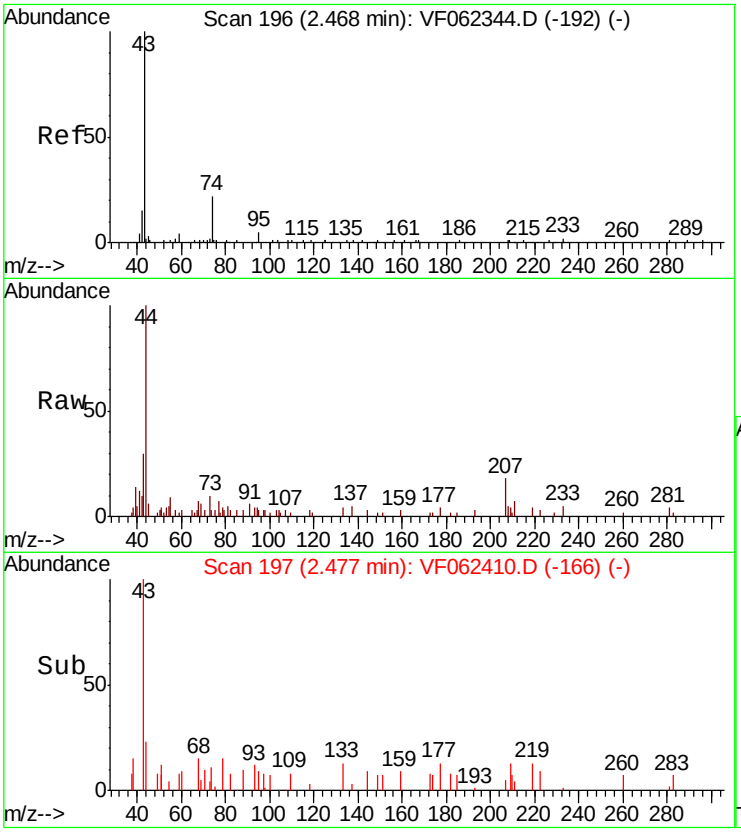


#16
Acetone
Concen: 48.659 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Tgt Ion: 43 Resp: 23324

Ion	Ratio	Lower	Upper
43	100		
58	17.3	13.1	19.7



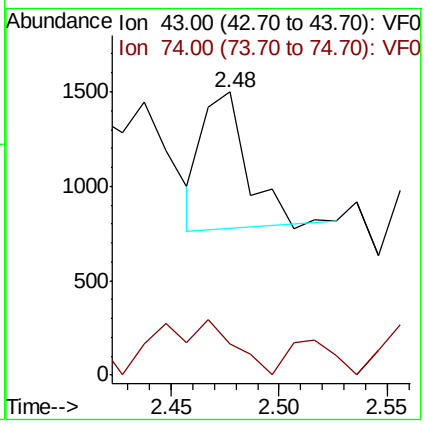


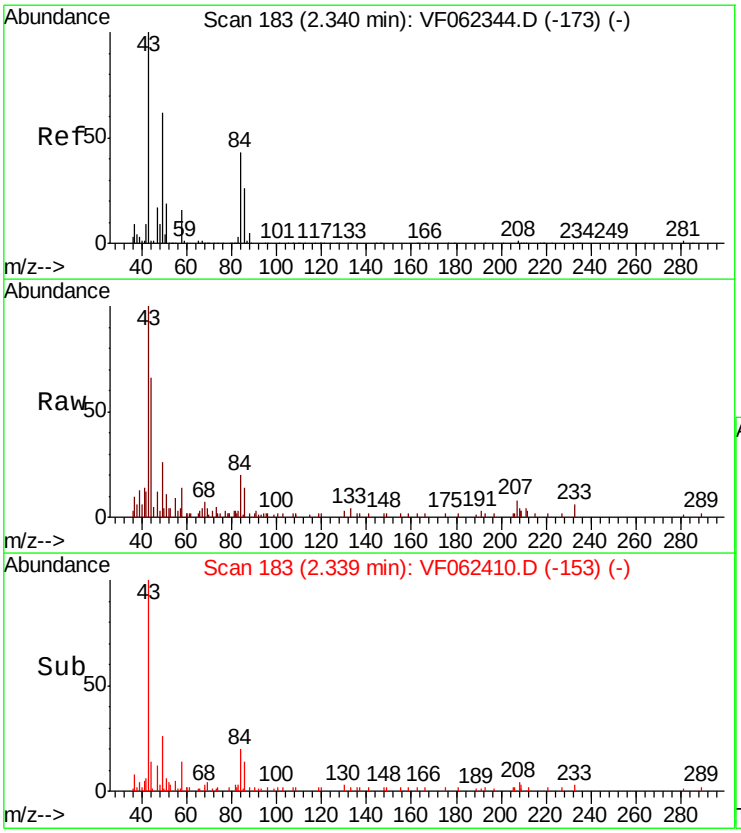
#18
Methyl Acetate
Concen: Below Cal
RT: 2.48 min Scan# 197
Delta R.T. 0.01 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-C

Tgt Ion: 43 Resp: 1034

Ion	Ratio	Lower	Upper
43	100		
74	68.0	15.0	22.4#

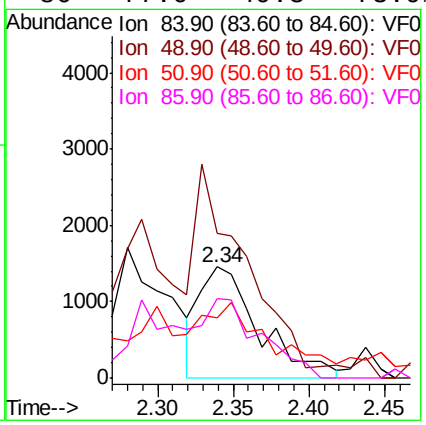


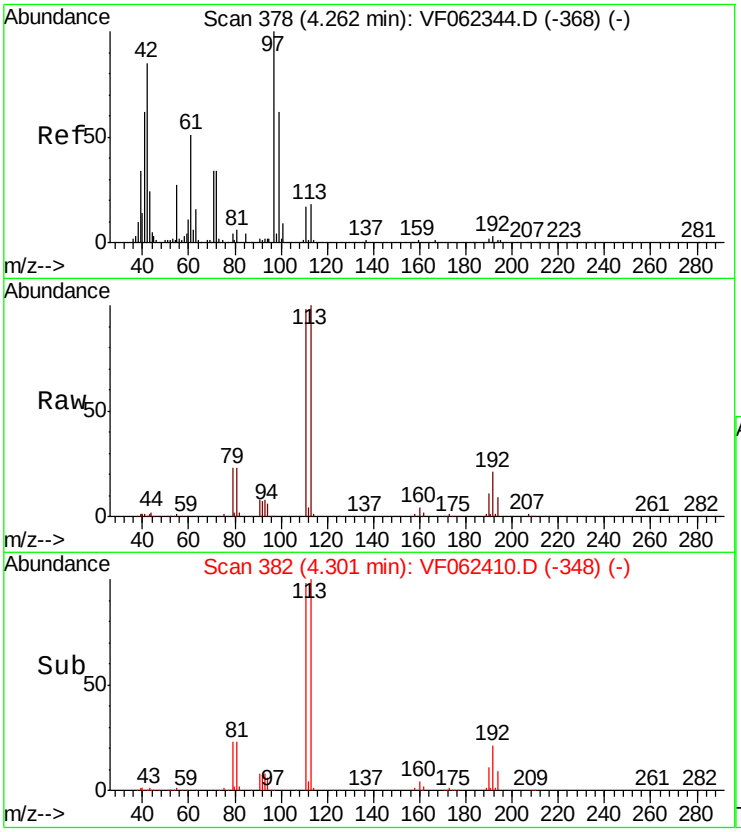


#20
Methylene Chloride
Concen: 2.281 ug/l
RT: 2.34 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Tgt Ion: 84 Resp: 3955

Ion	Ratio	Lower	Upper
84	100		
49	129.3	117.5	176.3
51	43.8	37.0	55.4
86	77.0	49.3	73.9#



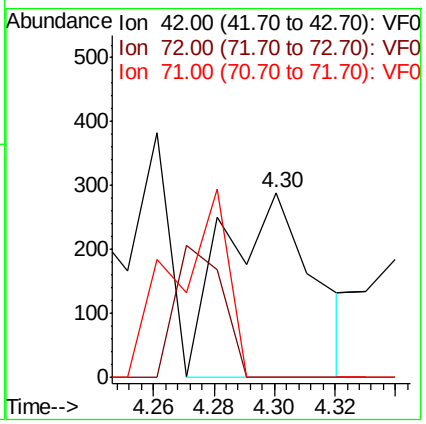


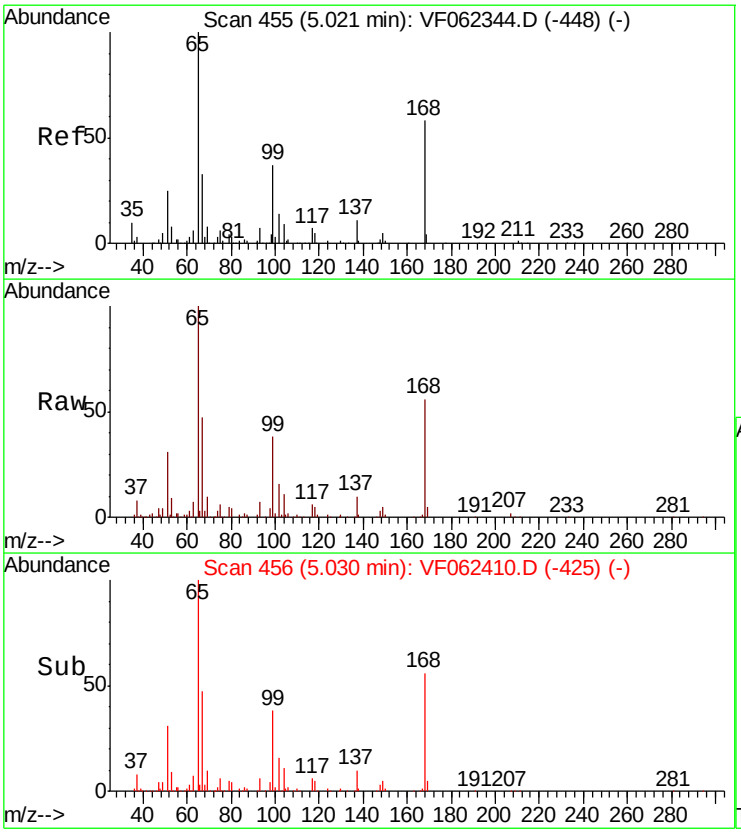
#29
Tetrahydrofuran
Concen: 2.153 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.04 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-C

Tgt Ion: 42 Resp: 596

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	0.0	31.7	47.5#

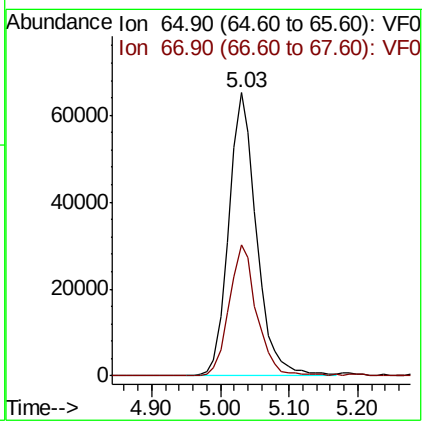


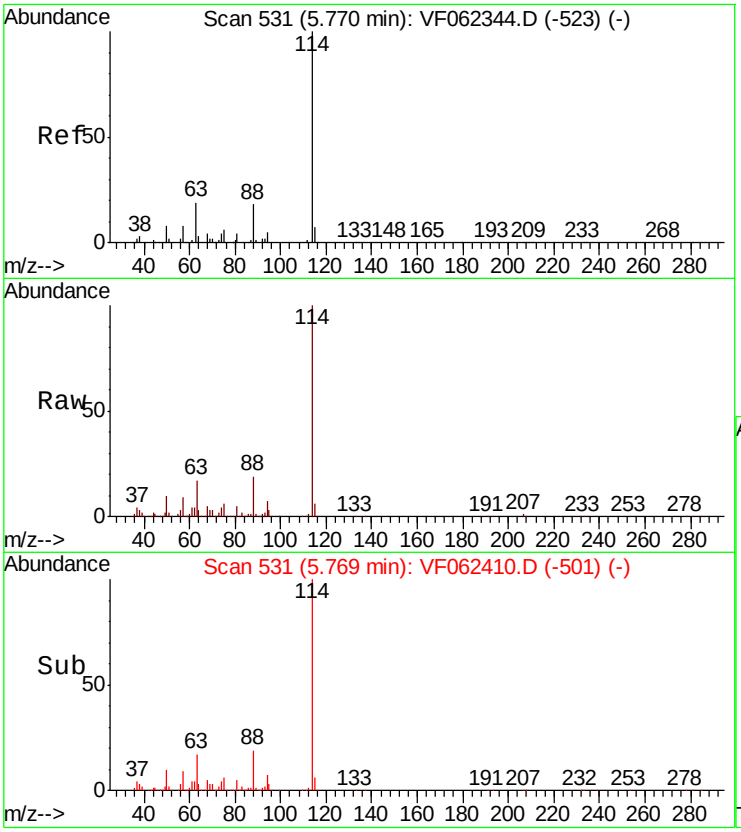


#33
1,2-Dichloroethane-d4
Concen: 76.883 ug/l
RT: 5.03 min Scan# 456
Delta R.T. 0.01 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Tgt Ion: 65 Resp: 182175

Ion	Ratio	Lower	Upper
65	100		
67	46.4	0.0	85.8



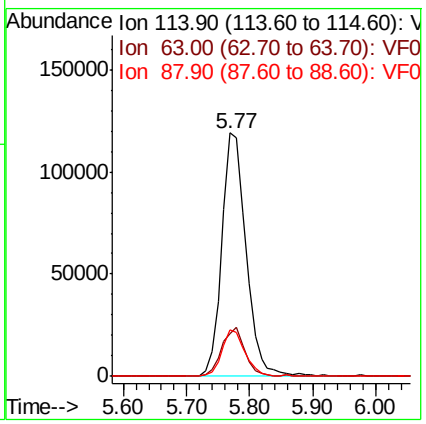


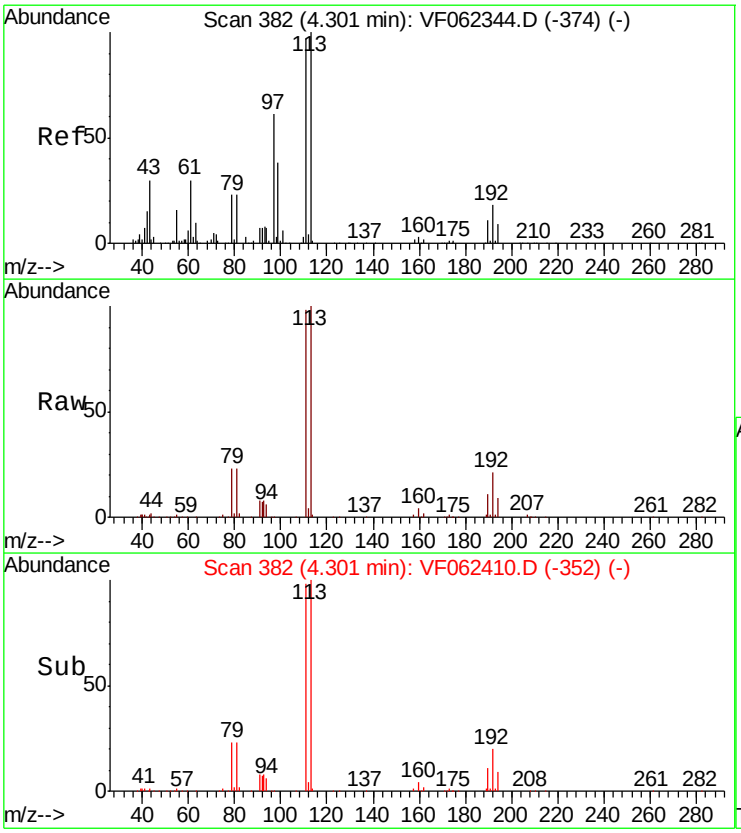
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 531
Delta R.T. -0.00 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-C

Tgt Ion:114 Resp: 318914

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	37.4
88	19.2	0.0	36.4

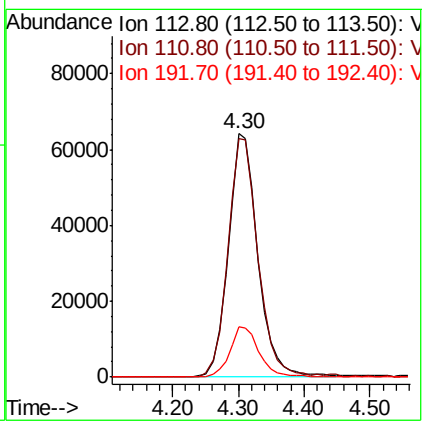


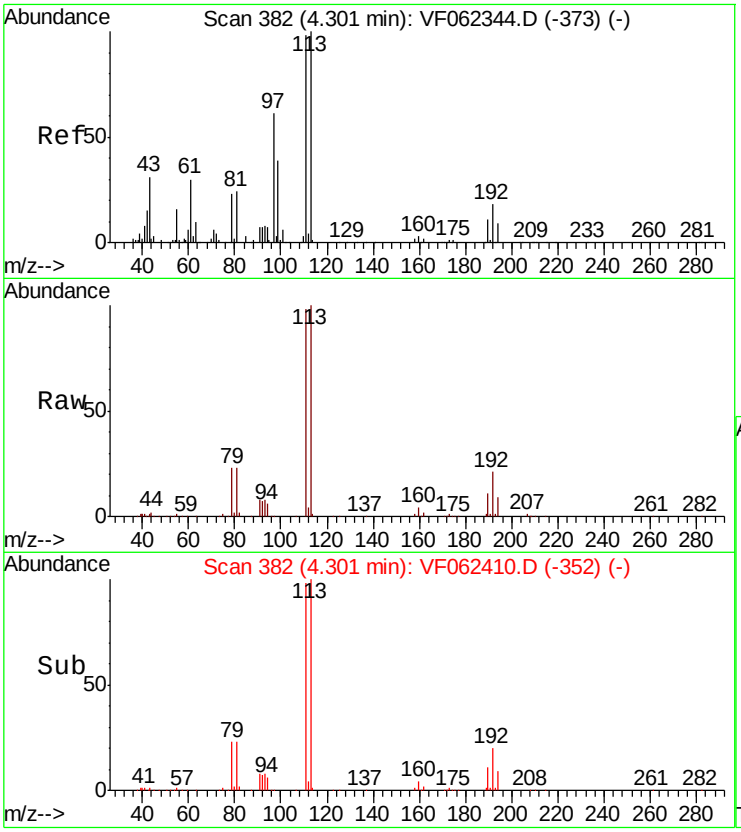


#35
Dibromofluoromethane
Concen: 79.242 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.00 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Tgt Ion:113 Resp: 201334

Ion	Ratio	Lower	Upper
113	100		
111	100.5	79.4	119.0
192	20.8	16.0	24.0



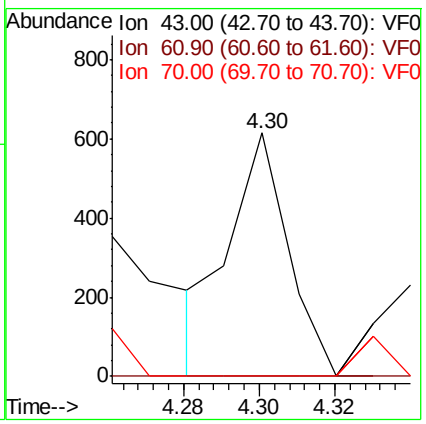


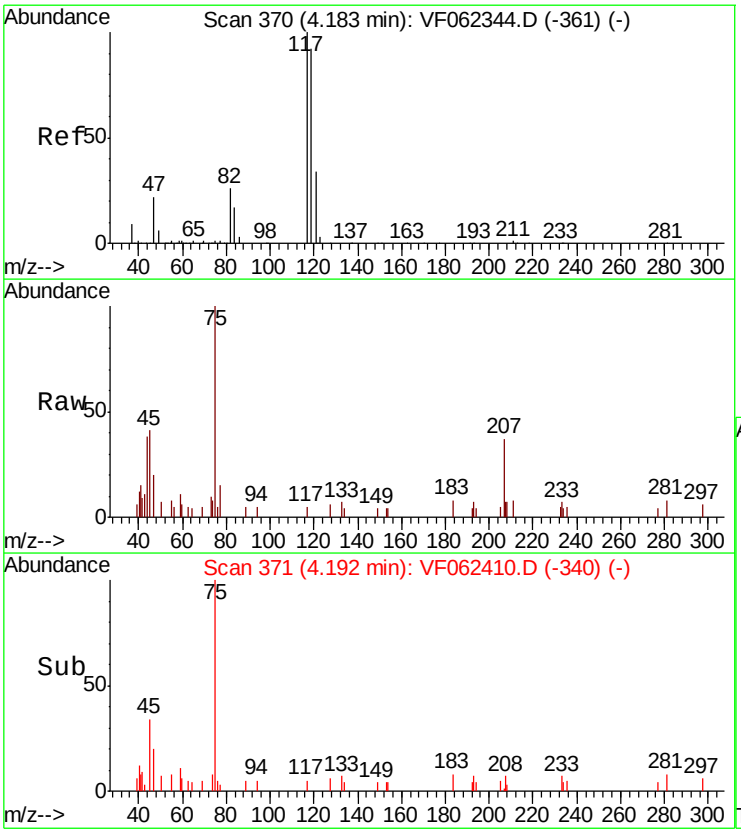
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.30 min Scan# 382
Delta R.T. -0.00 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-C

Tgt Ion: 43 Resp: 652

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

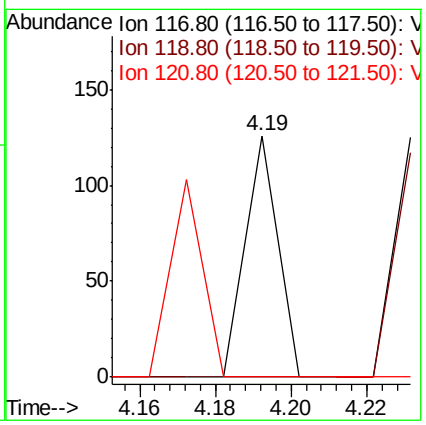


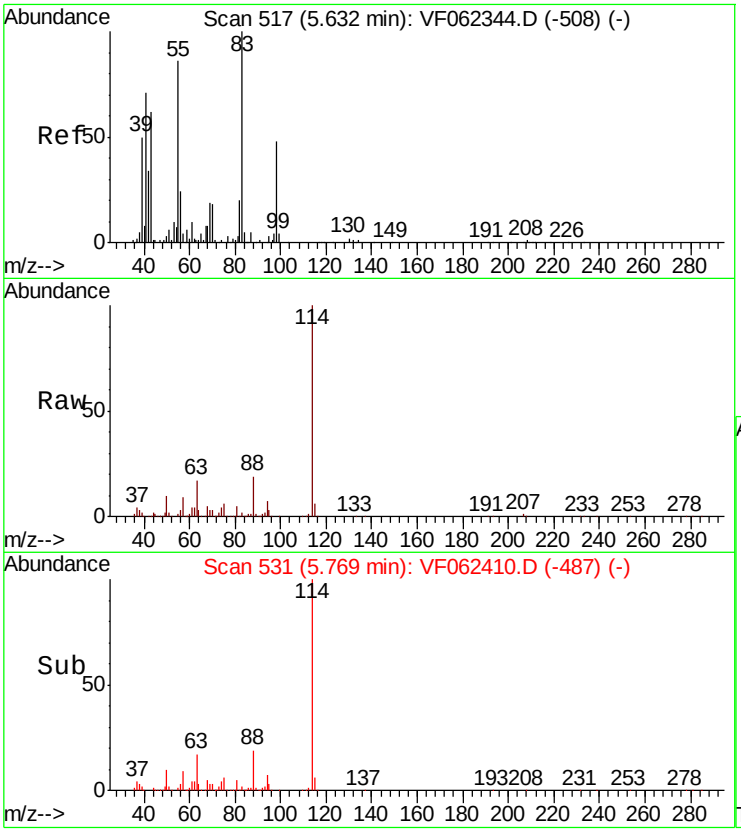


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.19 min Scan# 371
Delta R.T. 0.01 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Tgt Ion:117 Resp: 74

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



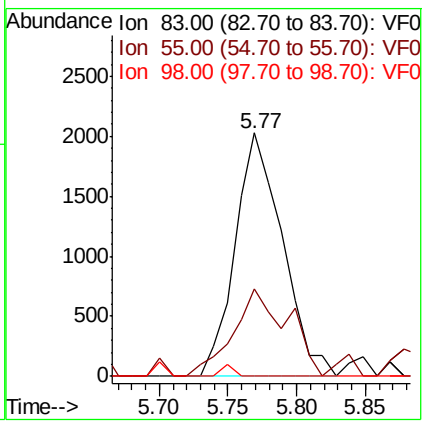


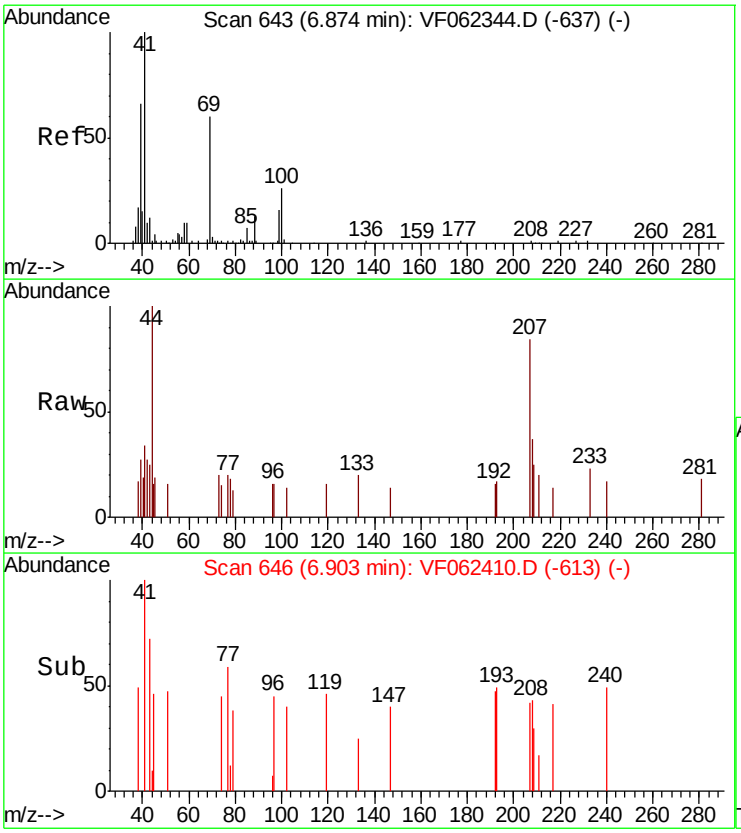
#39
Methylcyclohexane
Concen: 1.767 ug/l
RT: 5.77 min Scan# 531
Delta R.T. 0.14 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-C

Tgt Ion: 83 Resp: 4854

Ion	Ratio	Lower	Upper
83	100		
55	35.7	69.0	103.6#
98	0.0	38.6	58.0#

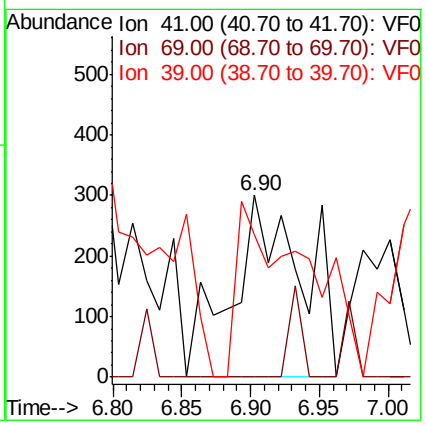


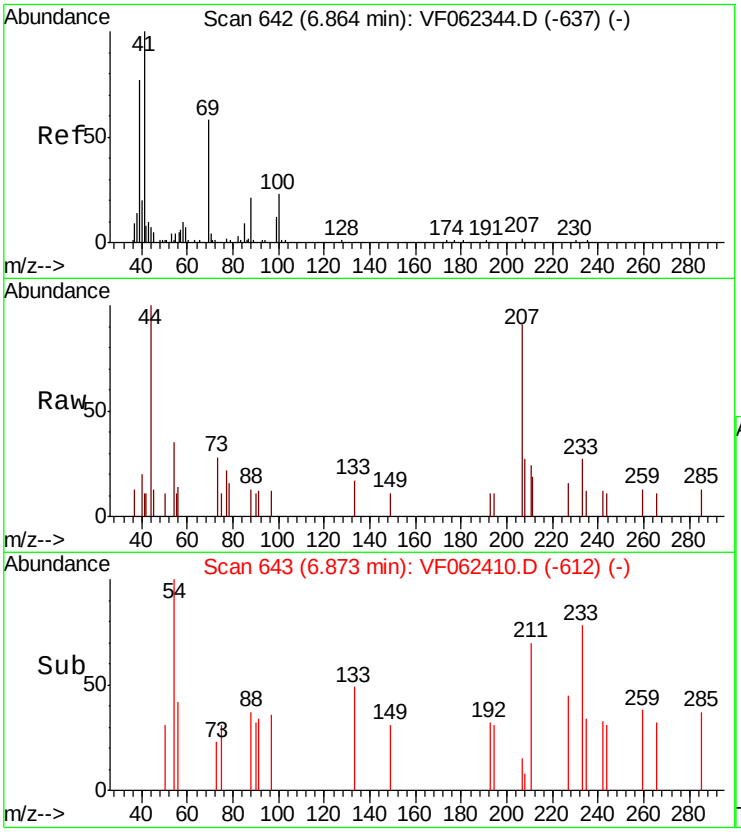


#48
Methyl methacrylate
Concen: 1.223 ug/l
RT: 6.90 min Scan# 646
Delta R.T. 0.03 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Tgt Ion: 41 Resp: 1077

Ion	Ratio	Lower	Upper
41	100		
69	0.0	48.6	72.8#
39	95.5	56.1	84.1#



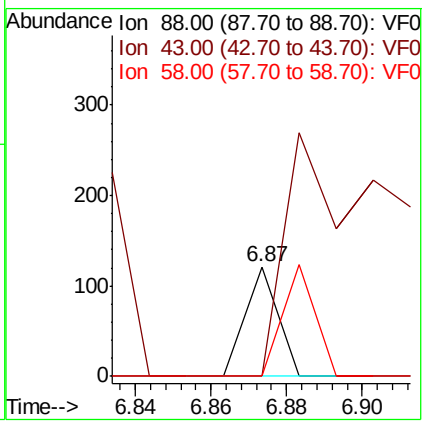


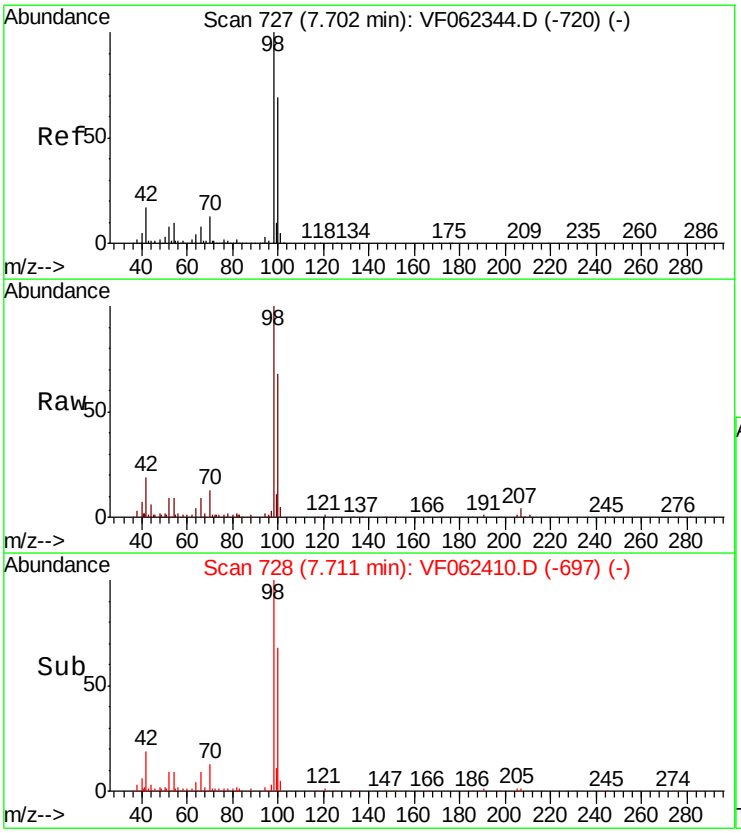
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.87 min Scan# 643
Delta R.T. 0.01 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-C

Tgt Ion: 88 Resp: 72

Ion	Ratio	Lower	Upper
88	100		
43	962.5	55.6	83.4#
58	101.4	52.8	79.2#

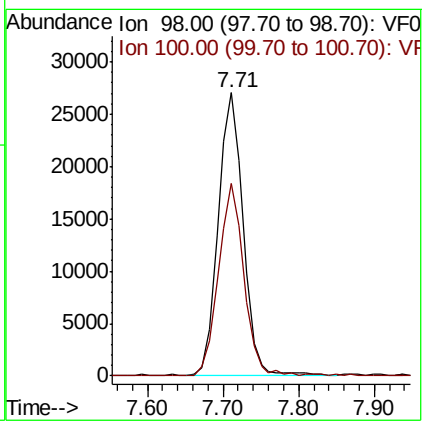


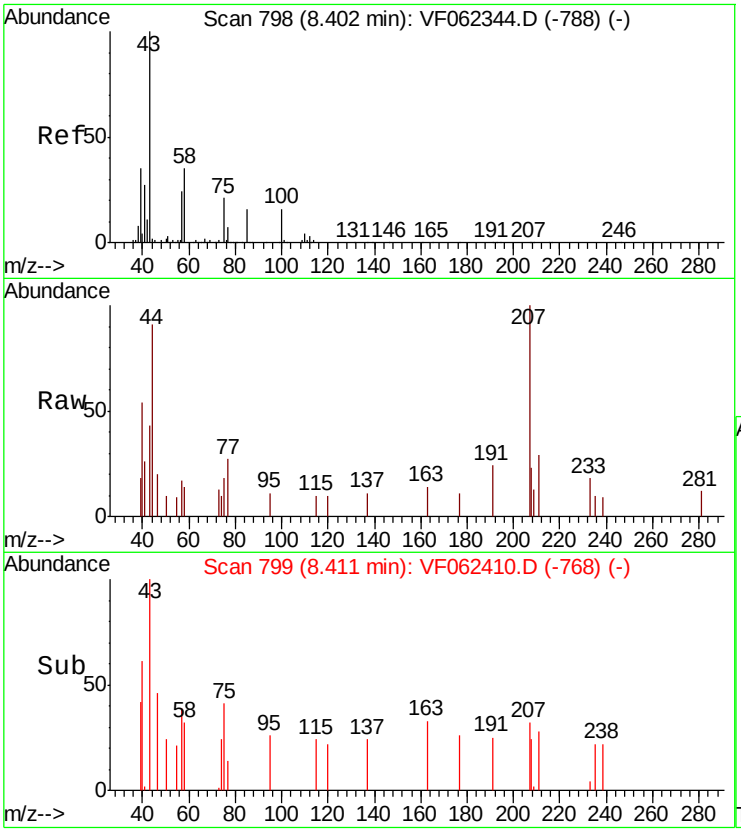


#50
Toluene-d8
Concen: 10.129 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Tgt Ion: 98 Resp: 62294

Ion	Ratio	Lower	Upper
98	100		
100	69.2	53.3	79.9



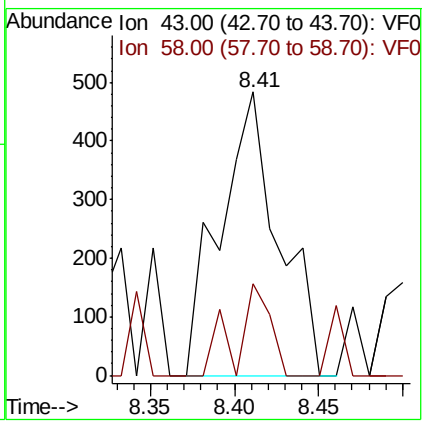


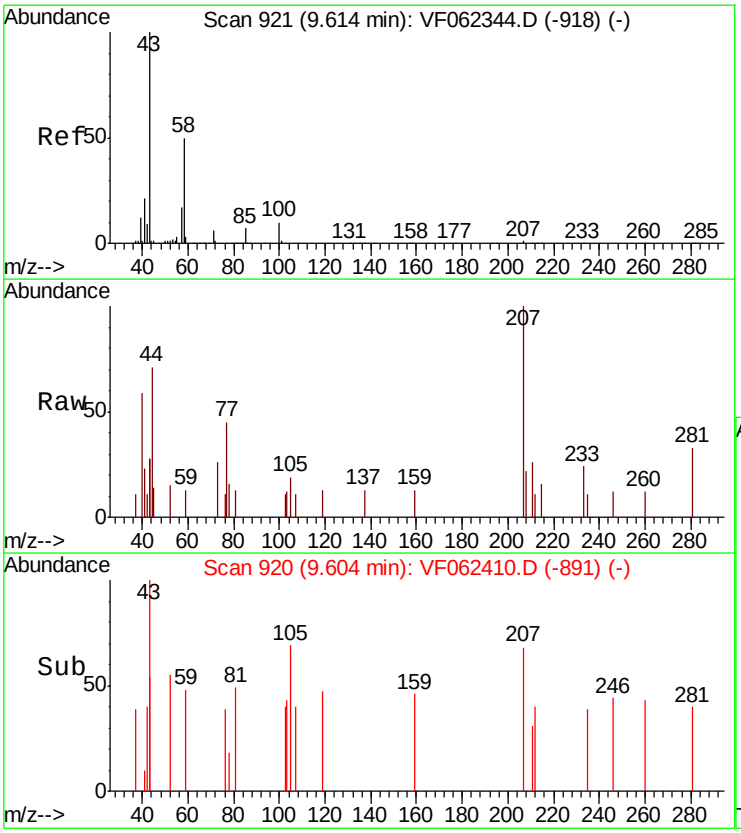
#51
4-Methyl-2-Pentanone
Concen: 1.241 ug/l
RT: 8.41 min Scan# 799
Delta R.T. 0.01 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-C

Tgt Ion: 43 Resp: 1172

Ion	Ratio	Lower	Upper
43	100		
58	18.9	27.8	41.6#

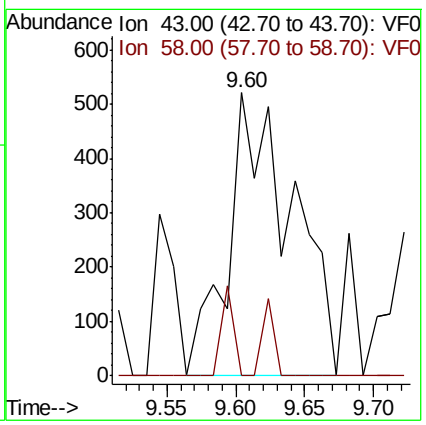


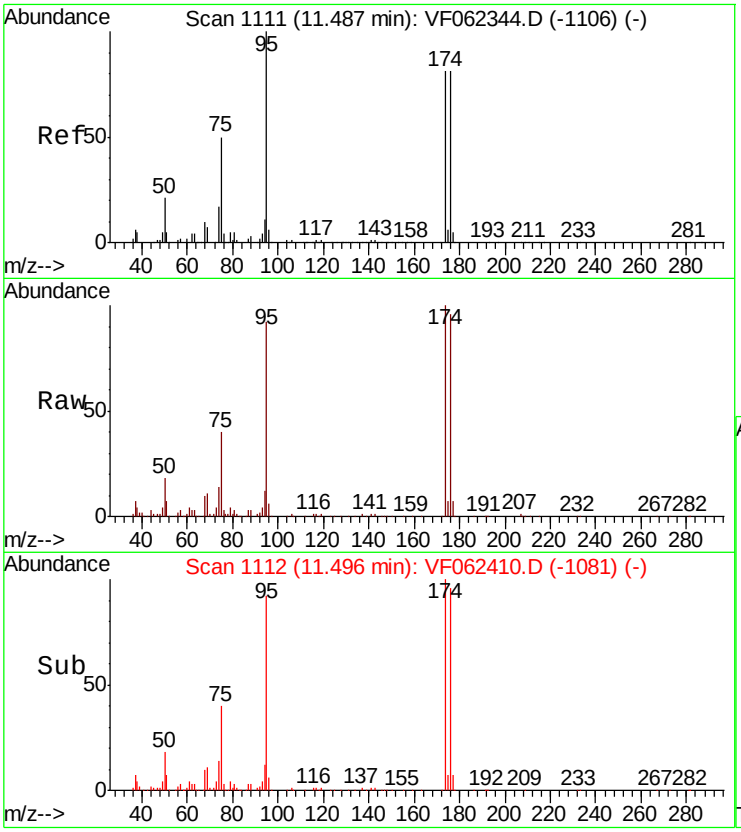


#59
2-Hexanone
Concen: 2.591 ug/l
RT: 9.60 min Scan# 920
Delta R.T. -0.01 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Tgt Ion: 43 Resp: 1692

Ion	Ratio	Lower	Upper
43	100		
58	5.8	24.3	73.0#



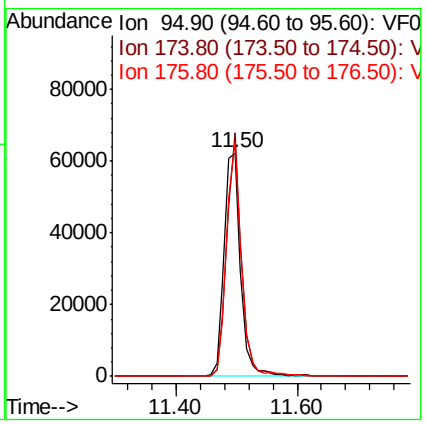


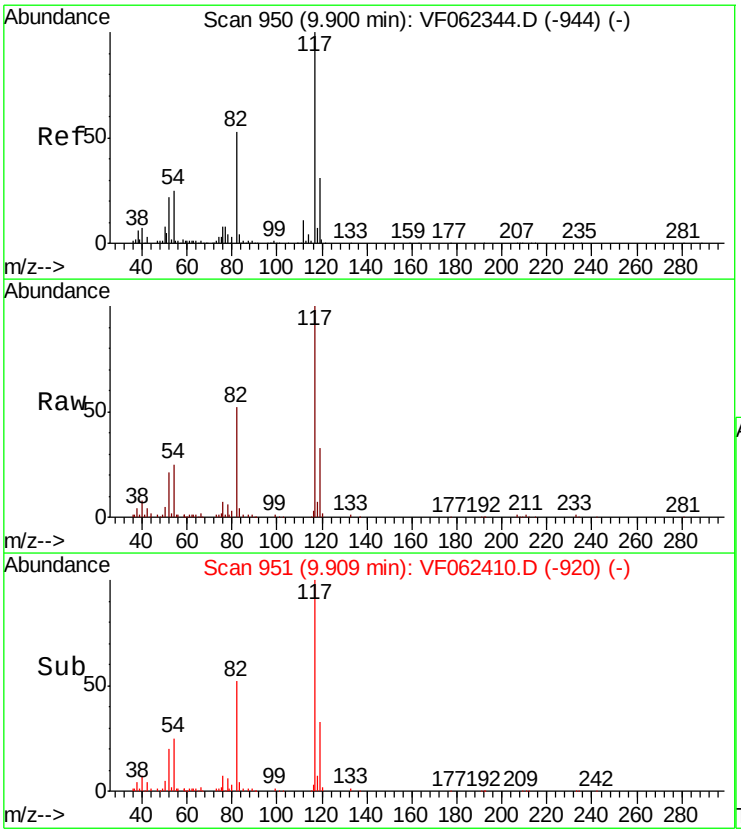
#62
4-Bromofluorobenzene
Concen: 42.682 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-C

Tgt Ion: 95 Resp: 118432

Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	191.8
176	96.0	0.0	193.2

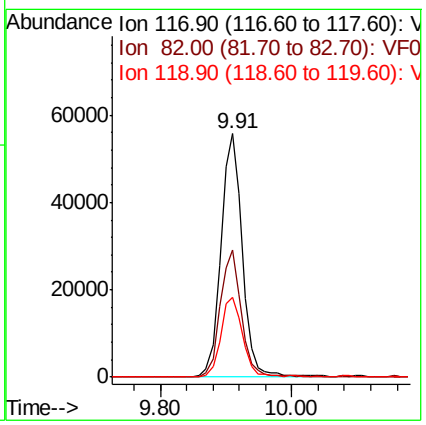


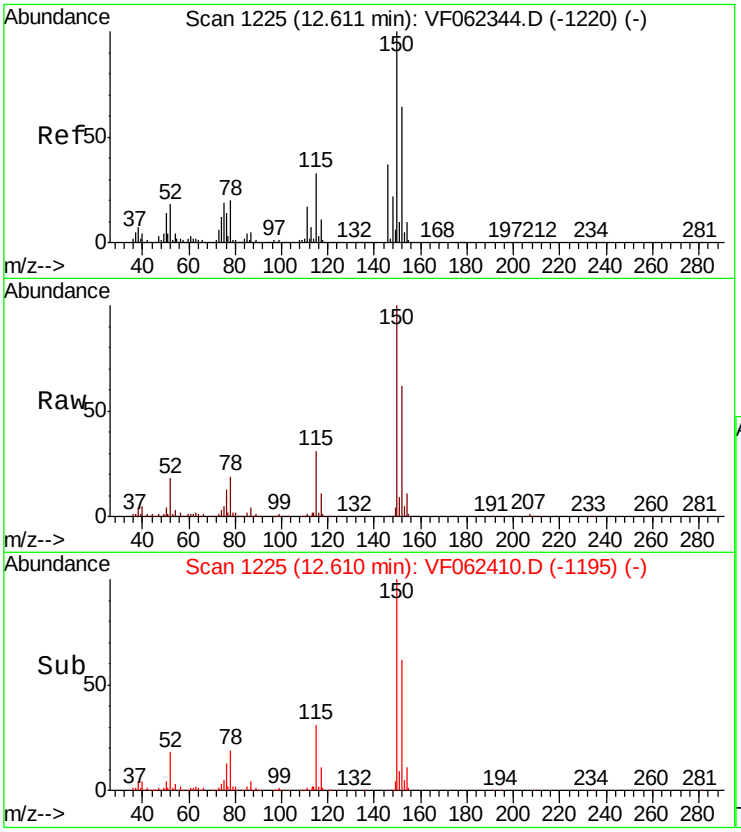


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. 0.01 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Tgt Ion:117 Resp: 126797

Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.2	63.2
119	32.6	25.0	37.4



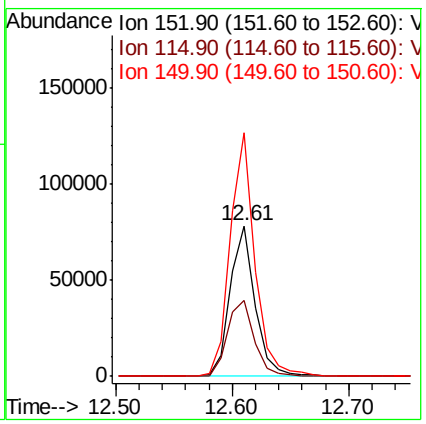


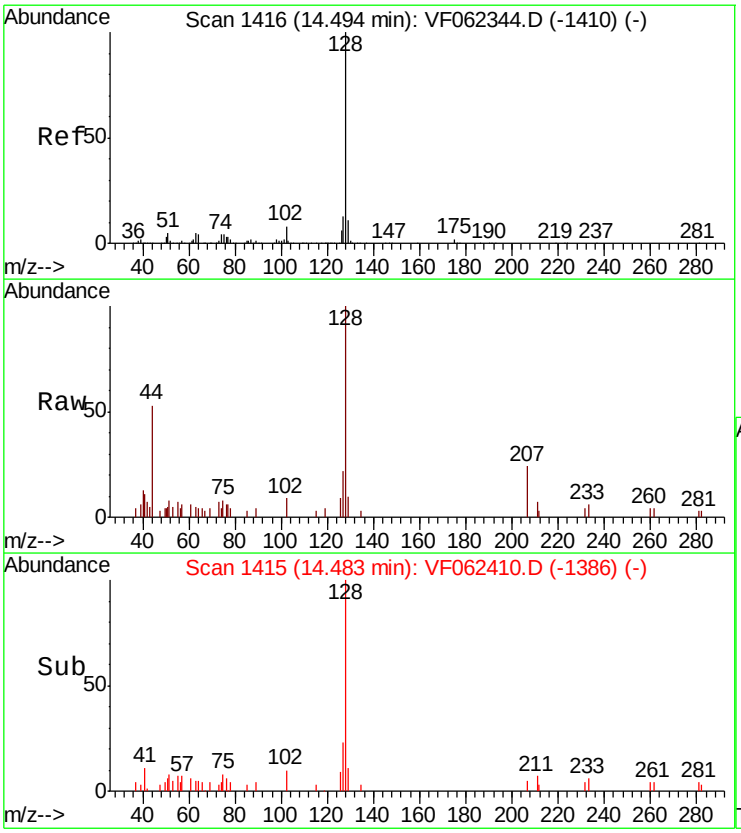
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-C

Tgt Ion:152 Resp: 116843

Ion	Ratio	Lower	Upper
152	100		
115	54.8	26.4	79.2
150	159.3	0.0	335.0





#95
Naphthalene
Concen: 1.388 ug/l
RT: 14.48 min Scan# 1415
Delta R.T. -0.01 min
Lab File: VF062410.D
Acq: 9 May 2019 21:58

Tgt Ion:128 Resp: 6014

Ion	Ratio	Lower	Upper
128	100		
127	17.1	10.5	15.7#
129	9.0	8.6	12.8