Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052919\
Data File : VF062790.D
Acq On : 29 May 2019 19:06
Operator : FY/SY
Sample : K3084-07RE
Misc : 5.50g/5mL/MSVOA_F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: May 30 08:43:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.07	168	753045	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.79	114	1300120	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.92	117	1004987	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	449191	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.04	65	227852	42.82	ug/l		0.00
Spiked Amount 50.000			Recovery =	85.64%			
35) Dibromofluoromethane	4.32	113	430492	43.27	ug/l		0.00
Spiked Amount 50.000			Recovery =	86.54%			
50) Toluene-d8	7.72	98	924817	38.93	ug/l		0.00
Spiked Amount 50.000			Recovery =	77.86%			
62) 4-Bromofluorobenzene	11.51	95	320881	35.62	ug/l		0.00
Spiked Amount 50.000			Recovery =	71.24%			
Target Compounds							Qvalue
8) Diethyl Ether	1.73	74	2901	1.256	ug/l		66
11) Tert butyl alcohol	2.71	59	2220	6.319	ug/l	#	1
13) Acrolein	2.08	56	502	1.369	ug/l		83
16) Acetone	2.35	43	55179	39.969	ug/l		94
18) Methyl Acetate	2.49	43	13188	6.079	ug/l		91
20) Methylene Chloride	2.37	84	13135	1.898	ug/l	#	92
29) Tetrahydrofuran	4.30	42	3928	3.291	ug/l	#	55
49) 1,4-Dioxane	6.91	88	405	8.585	ug/l	#	56
59) 2-Hexanone	9.65	43	4531	Below Cal			76
74) N-amyl acetate	11.47	43	977	Below Cal		#	72

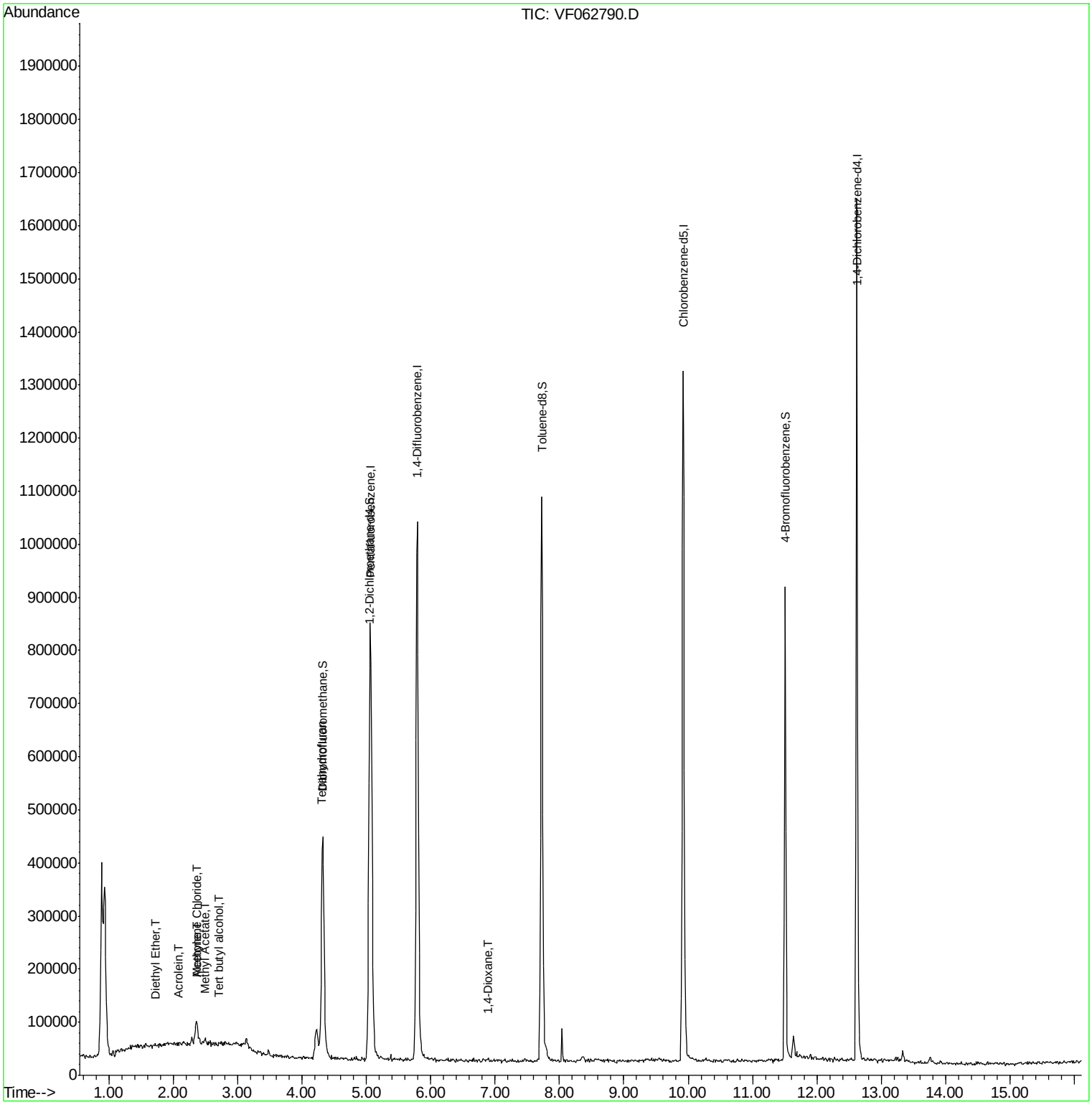
(#) = qualifier out of range (m) = manual integration (+) = signals summed

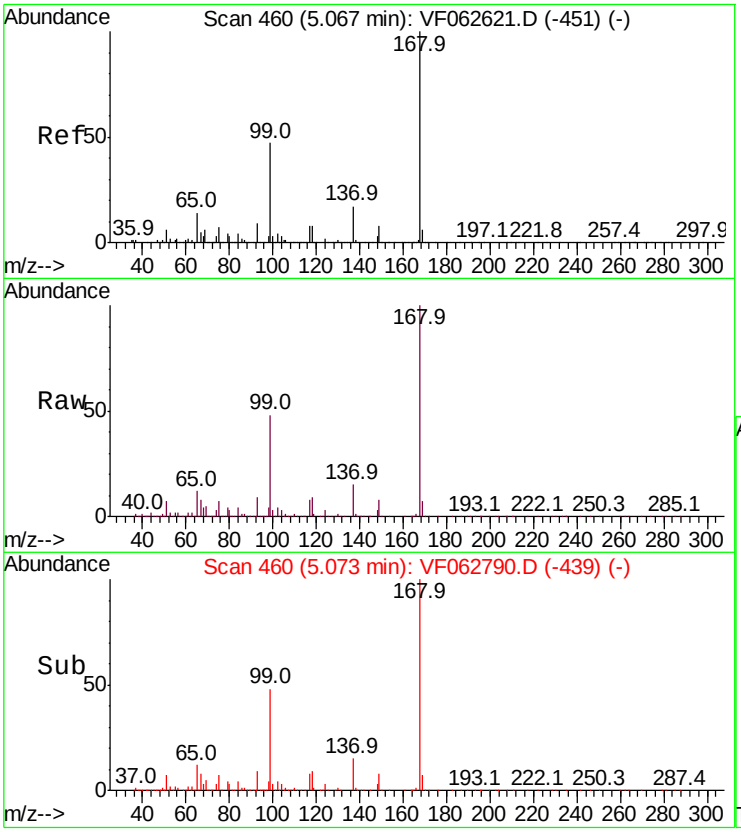
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052919\
Data File : VF062790.D
Acq On : 29 May 2019 19:06
Operator : FY/SY
Sample : K3084-07RE
Misc : 5.50g/5mL/MSVOA_F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: May 30 08:43:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration



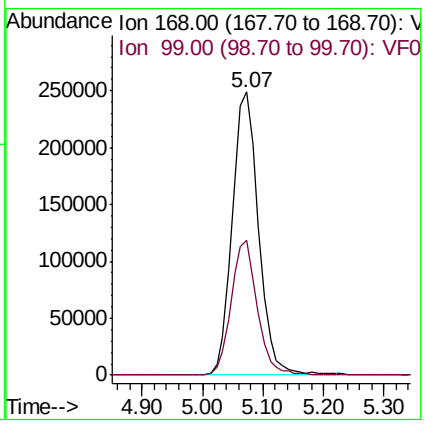


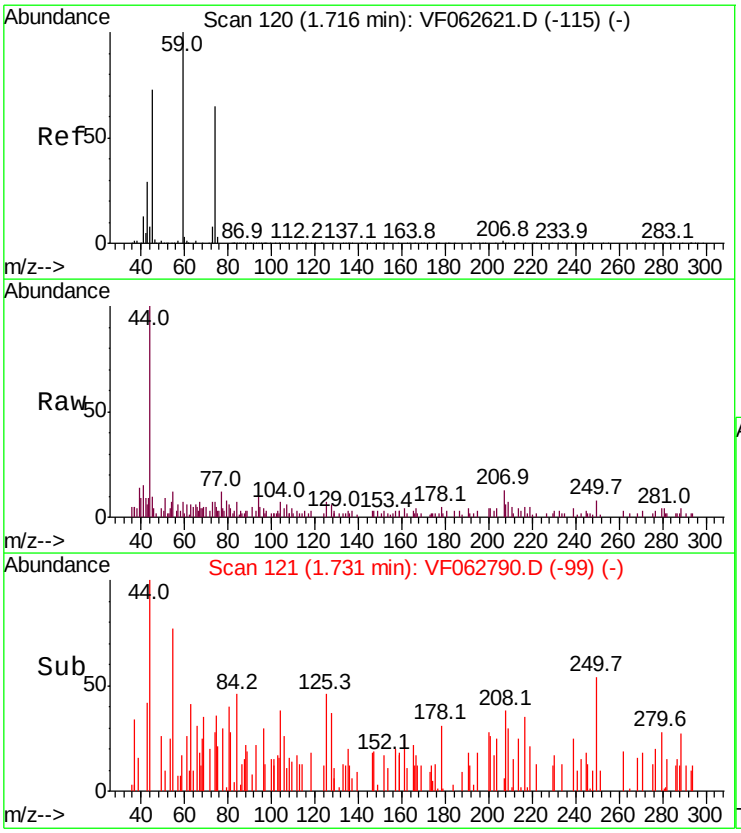
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 460
Delta R.T. 0.01 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 753045

Ion	Ratio	Lower	Upper
168	100		
99	47.8	37.8	56.8

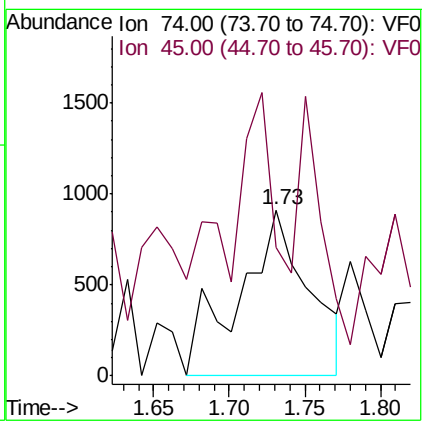


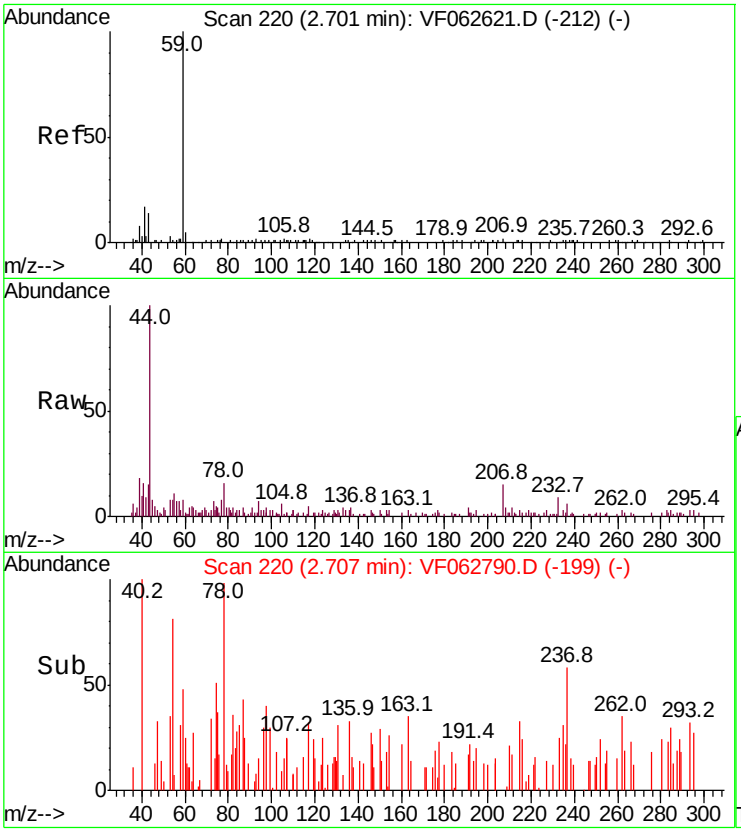


#8
Diethyl Ether
Concen: 1.256 ug/l
RT: 1.73 min Scan# 121
Delta R.T. 0.02 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Tgt Ion: 74 Resp: 2901

Ion	Ratio	Lower	Upper
74	100		
45	77.6	57.0	170.8



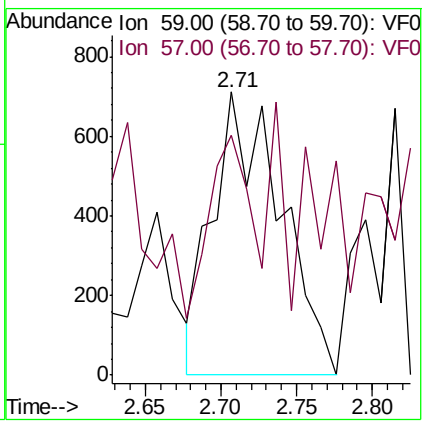


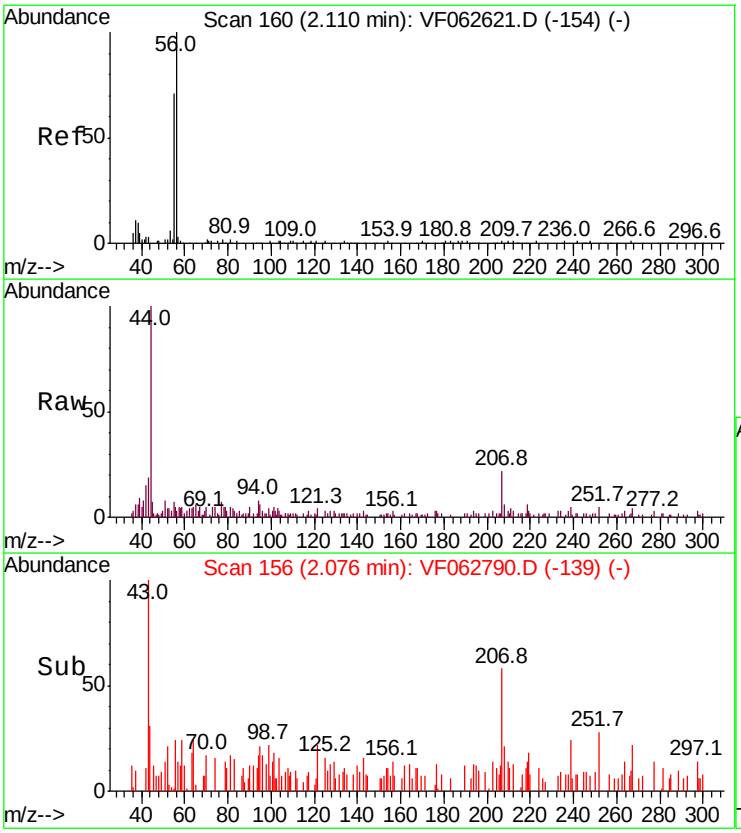
#11
Tert butyl alcohol
Concen: 6.319 ug/l
RT: 2.71 min Scan# 220
Delta R.T. 0.01 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 2220

Ion	Ratio	Lower	Upper
59	100		
57	85.0	9.3	13.9#

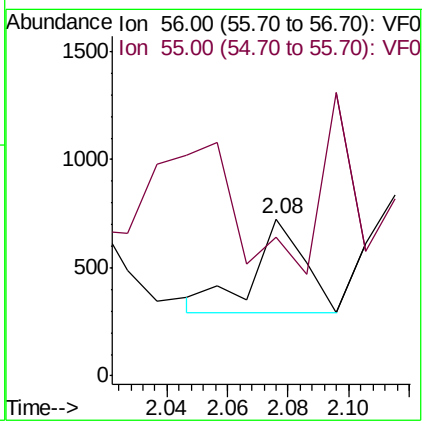


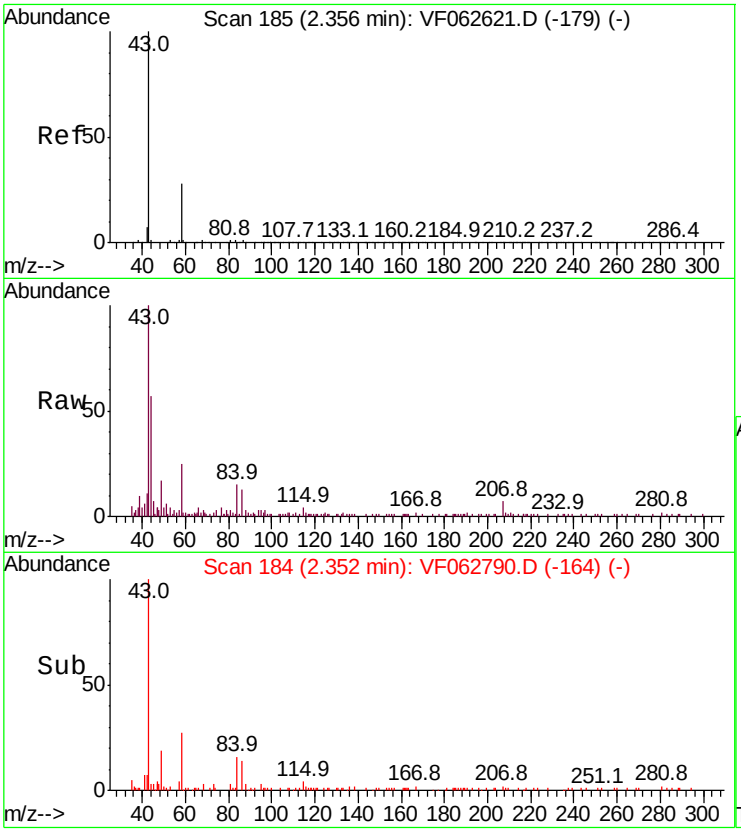


#13
Acrolein
Concen: 1.369 ug/l
RT: 2.08 min Scan# 156
Delta R.T. -0.03 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Tgt Ion: 56 Resp: 502

Ion	Ratio	Lower	Upper
56	100		
55	88.4	59.4	89.0



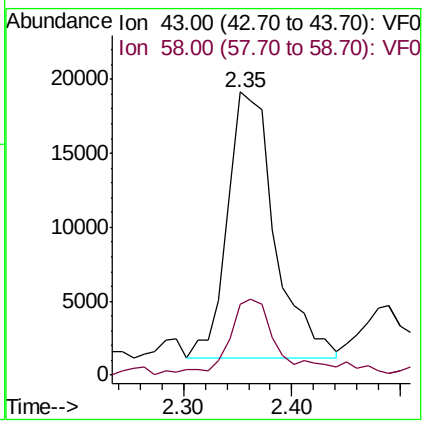


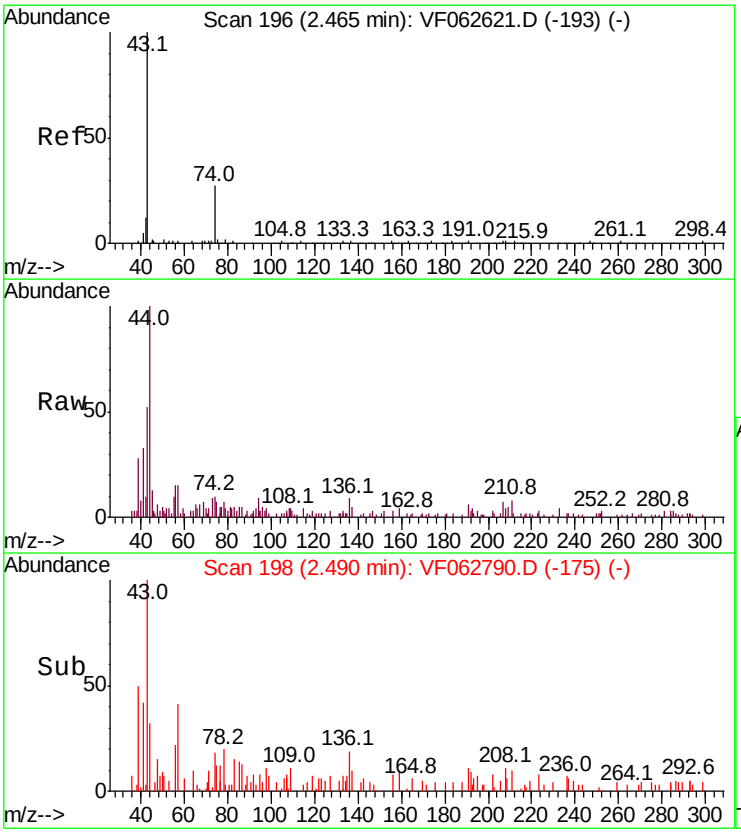
#16
Acetone
Concen: 39.969 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 55179

Ion	Ratio	Lower	Upper
43	100		
58	25.2	22.6	33.8

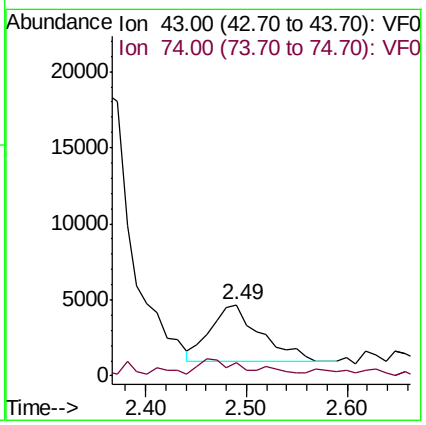


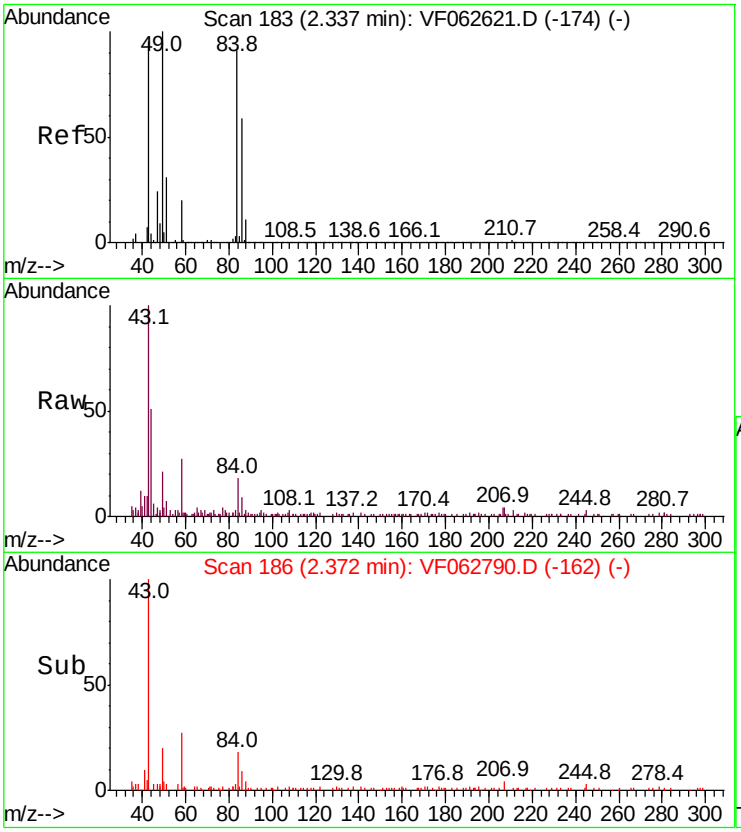


#18
Methyl Acetate
Concen: 6.079 ug/l
RT: 2.49 min Scan# 198
Delta R.T. 0.03 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Tgt Ion: 43 Resp: 13188

Ion	Ratio	Lower	Upper
43	100		
74	19.3	18.9	28.3



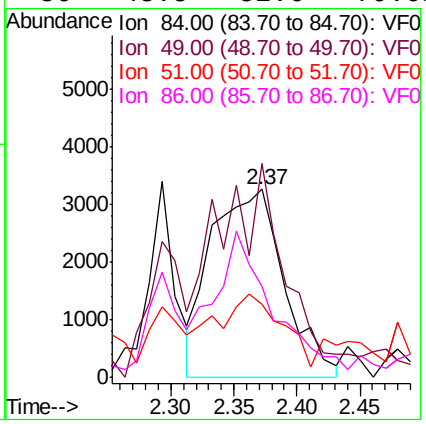


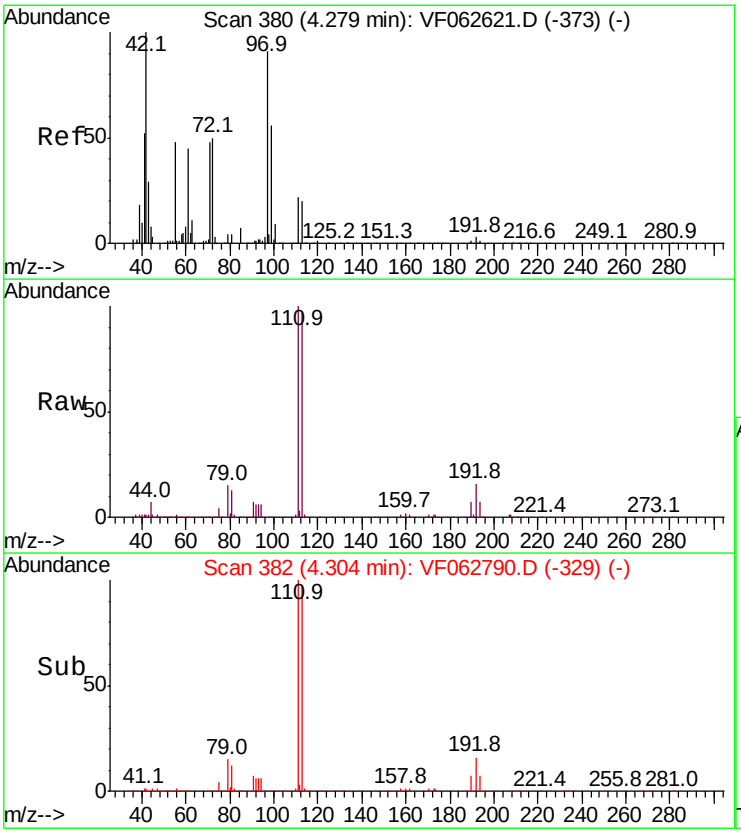
#20
Methylene Chloride
Concen: 1.898 ug/l
RT: 2.37 min Scan# 186
Delta R.T. 0.04 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 13135

Ion	Ratio	Lower	Upper
84	100		
49	113.8	89.8	134.8
51	38.6	28.4	42.6
86	48.5	52.6	79.0#

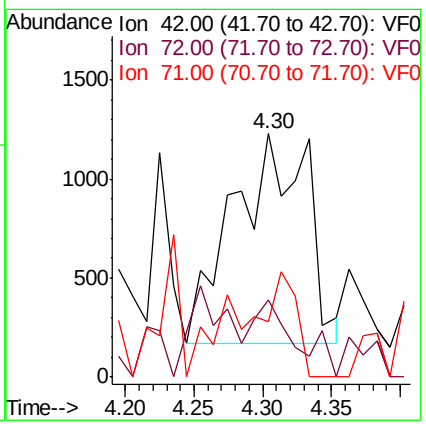


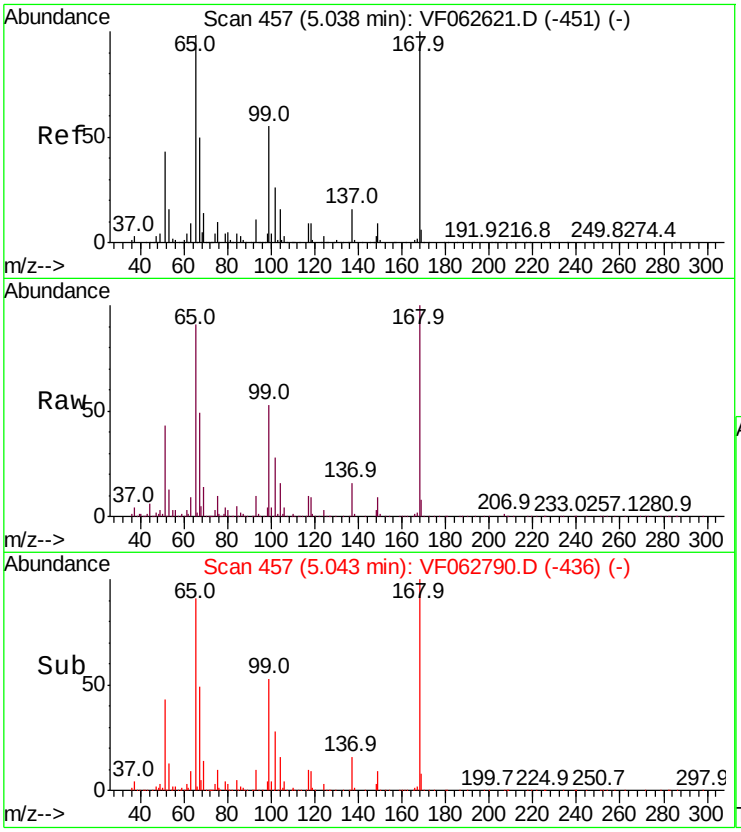


#29
Tetrahydrofuran
Concen: 3.291 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.03 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Tgt Ion: 42 Resp: 3928

Ion	Ratio	Lower	Upper
42	100		
72	18.3	38.2	57.2#
71	14.3	35.8	53.6#



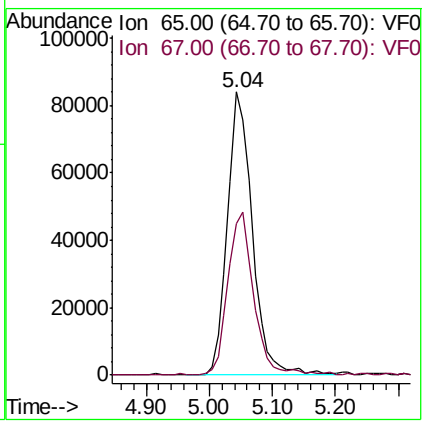


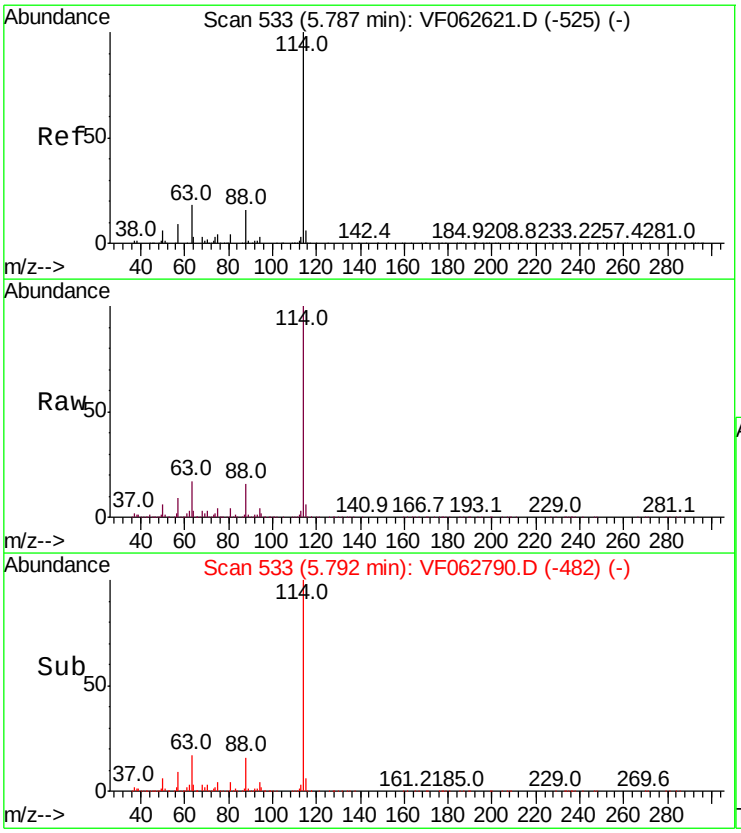
#33
1,2-Dichloroethane-d4
Concen: 42.818 ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.01 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 227852

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	117.6

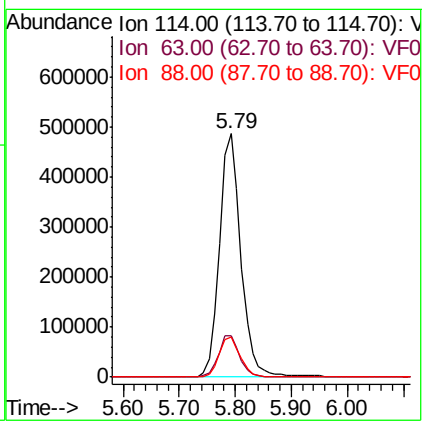


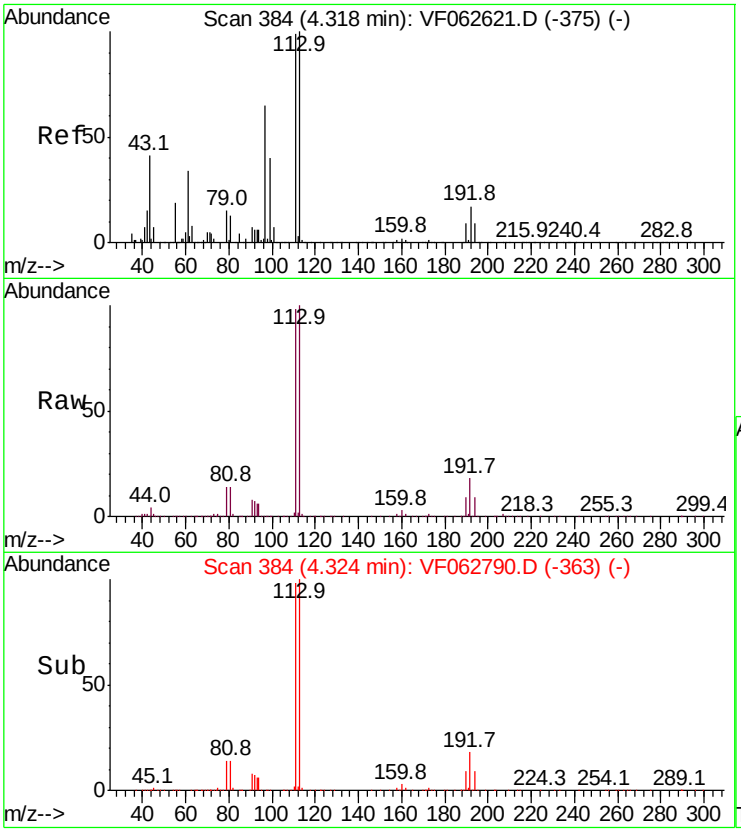


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.01 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Tgt Ion:114 Resp: 1300120

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.4
88	16.4	0.0	32.4



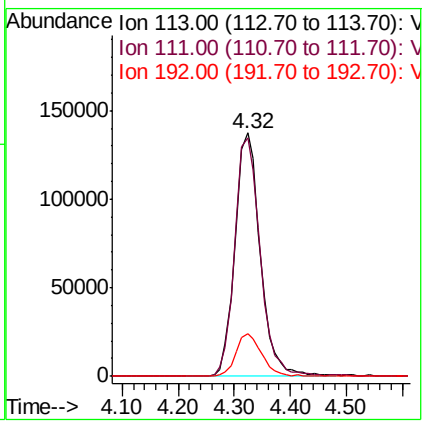


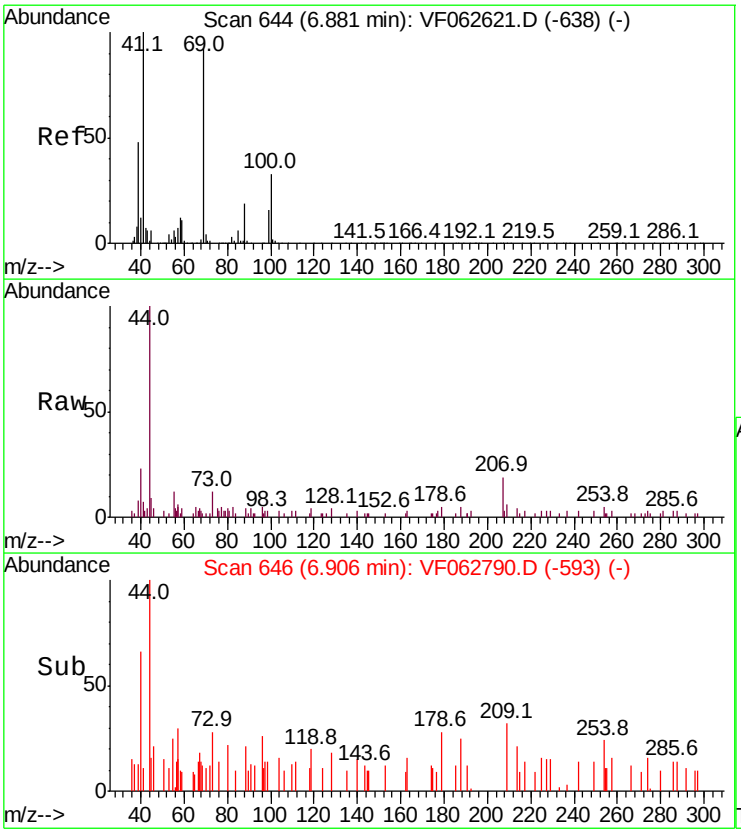
#35
Dibromofluoromethane
Concen: 43.272 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 430492

Ion	Ratio	Lower	Upper
113	100		
111	98.1	79.4	119.2
192	17.6	13.4	20.2

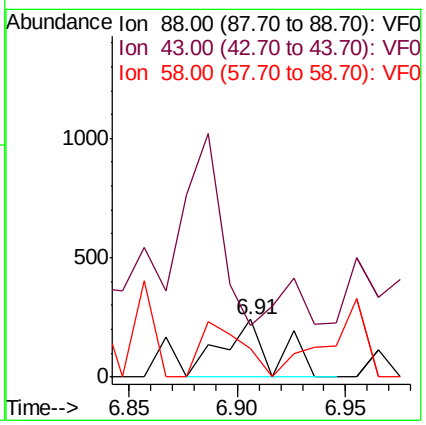


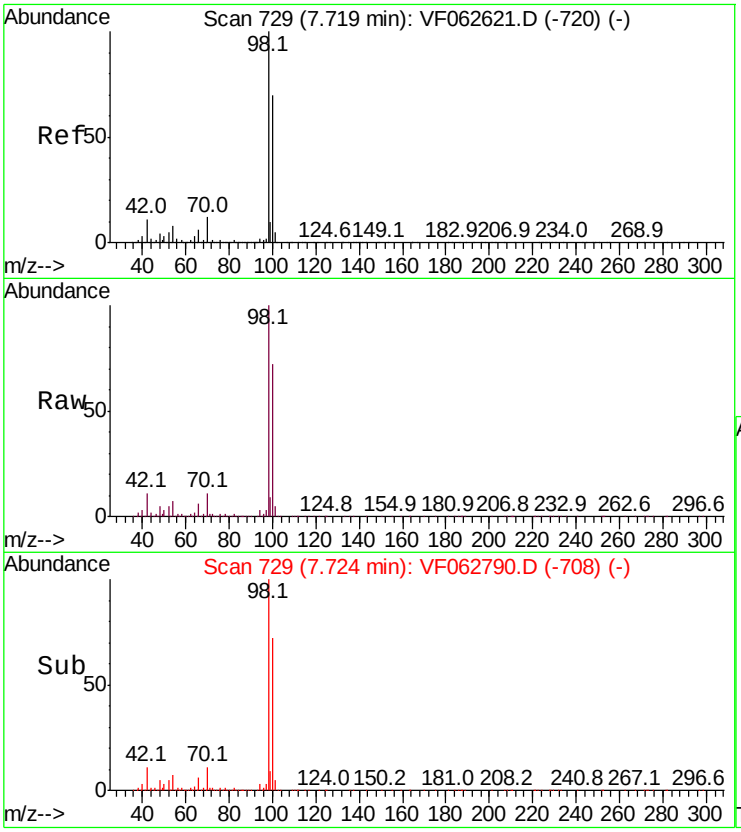


#49
1,4-Dioxane
Concen: 8.585 ug/l
RT: 6.91 min Scan# 646
Delta R.T. 0.03 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Tgt Ion: 88 Resp: 405

Ion	Ratio	Lower	Upper
88	100		
43	88.4	30.0	45.0#
58	48.3	51.1	76.7#



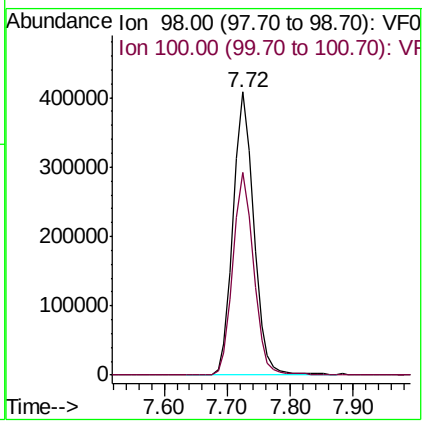


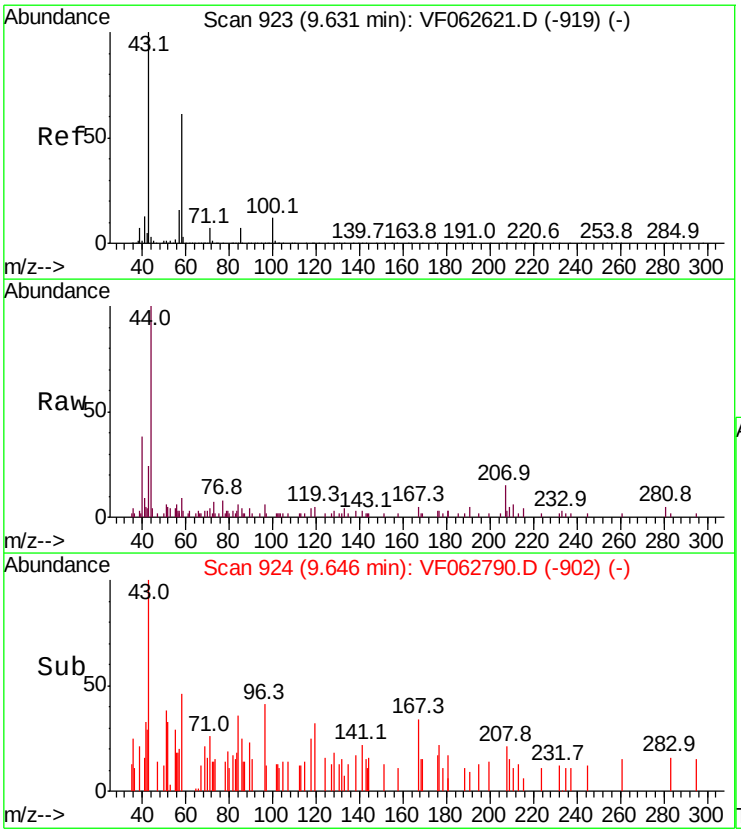
#50
Toluene-d8
Concen: 38.934 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 924817

Ion	Ratio	Lower	Upper
98	100		
100	71.5	56.2	84.2

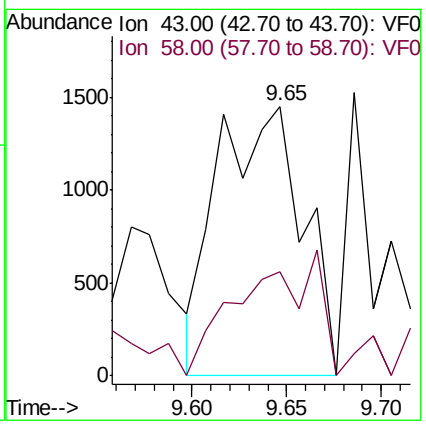


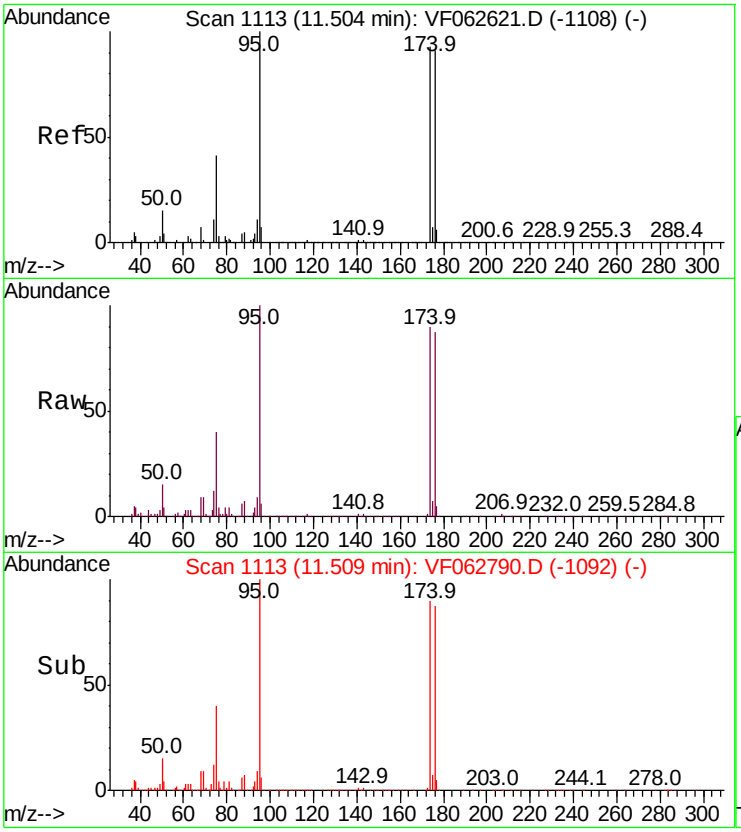


#59
2-Hexanone
Concen: Below Cal
RT: 9.65 min Scan# 924
Delta R.T. 0.02 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Tgt Ion: 43 Resp: 4531

Ion	Ratio	Lower	Upper
43	100		
58	38.8	28.1	84.4



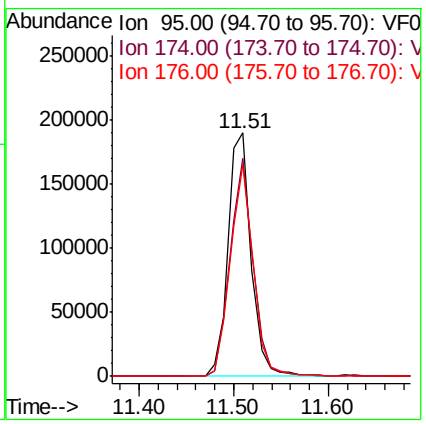


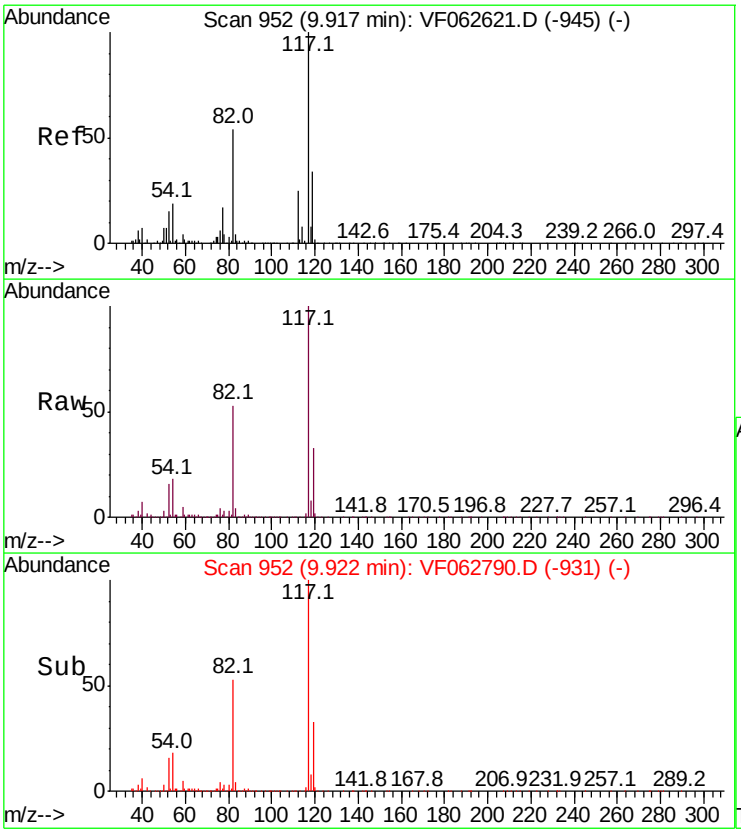
#62
4-Bromofluorobenzene
Concen: 35.618 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 320881

Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	185.6
176	86.9	0.0	182.4

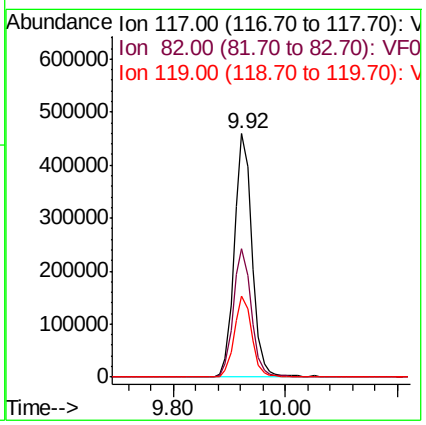


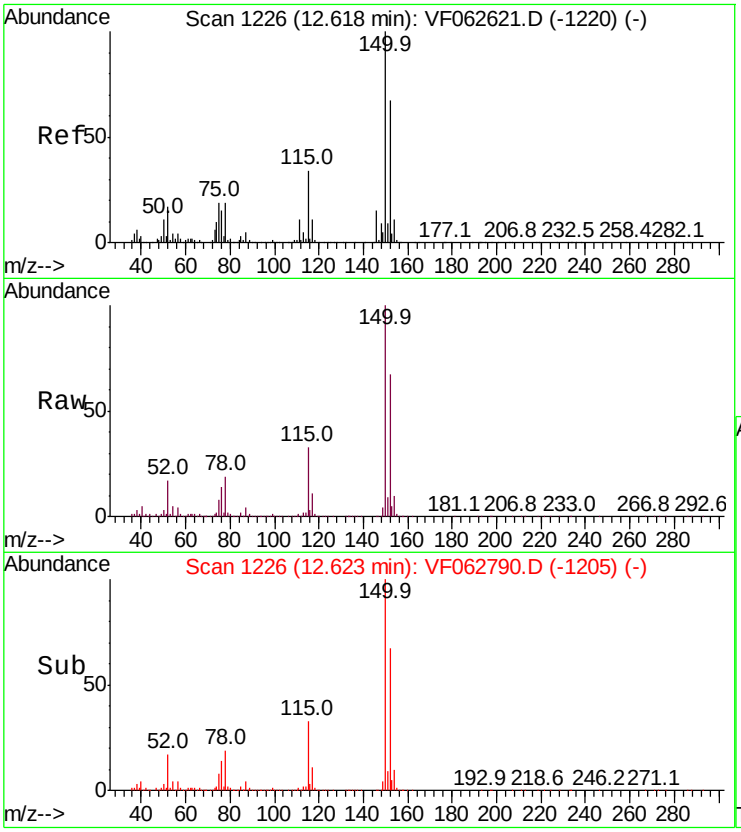


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Tgt Ion:117 Resp: 1004987

Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.3	64.9
119	33.4	27.4	41.0



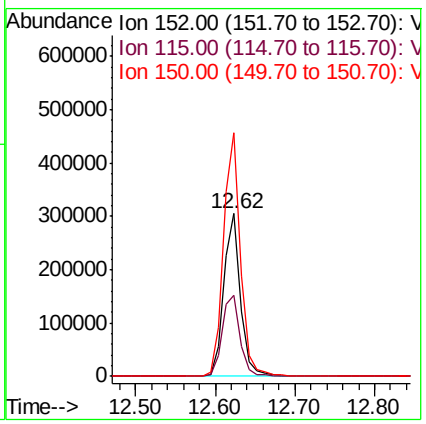


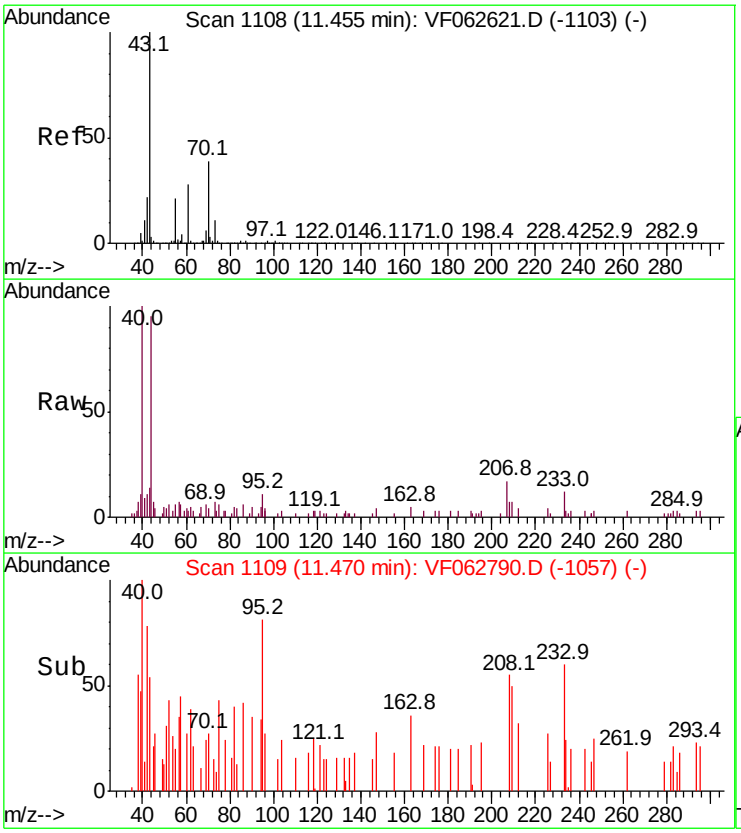
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 449191

Ion	Ratio	Lower	Upper
152	100		
115	49.7	25.2	75.6
150	149.7	0.0	306.2





#74
N-amyl acetate
Concen: Below Cal
RT: 11.47 min Scan# 1109
Delta R.T. 0.02 min
Lab File: VF062790.D
Acq: 29 May 2019 19:06

Tgt Ion: 43 Resp: 977

Ion	Ratio	Lower	Upper
43	100		
70	25.6	30.9	46.3#
55	45.5	17.0	25.4#
61	18.6	22.6	34.0#