Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062510.D
Acq On : 12 May 2019 18:33
Operator : FY/SY
Sample : K2719-17
Misc : 6.36g/5mL/MSVOA_F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P026-SS010-1824-01RE

Quant Time: May 13 04:48:04 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	5.08	168	184977	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	233058	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.93	117	184896	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	96074	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	64273	36.77	ug/l	0.03
Spiked Amount 50.000			Recovery = 73.54%			
35) Dibromofluoromethane	4.34	113	81244	43.76	ug/l	0.03
Spiked Amount 50.000			Recovery = 87.52%			
50) Toluene-d8	7.73	98	170794	38.00	ug/l	0.02
Spiked Amount 50.000			Recovery = 76.00%			
62) 4-Bromofluorobenzene	11.51	95	62782	30.96	ug/l	0.02
Spiked Amount 50.000			Recovery = 61.92%			
Target Compounds						Qvalue
5) Bromomethane	1.40	94	821	Below Cal	#	37
8) Diethyl Ether	1.74	74	898	2.031	ug/l #	1
11) Tert butyl alcohol	2.72	59	613	6.205	ug/l #	1
13) Acrolein	2.07	56	722	Below Cal	#	13
15) Acrylonitrile	3.10	53	806	4.307	ug/l #	24
16) Acetone	2.35	43	4410	12.471	ug/l #	62
18) Methyl Acetate	2.50	43	1719	Below Cal	#	68
20) Methylene Chloride	2.31	84	1996	1.560	ug/l #	82
25) 2-Butanone	4.54	43	994	2.237	ug/l #	68
29) Tetrahydrofuran	4.34	42	1232	6.034	ug/l #	36
37) Ethyl Acetate	4.33	43	412	Below Cal	#	71
38) Carbon Tetrachloride	4.20	117	66	Below Cal	#	14
39) Methylcyclohexane	5.79	83	4423	2.203	ug/l #	44
41) Methacrylonitrile	4.96	41	526	1.096	ug/l #	18
49) 1,4-Dioxane	6.75	88	63	Below Cal	#	24
59) 2-Hexanone	9.66	43	529	1.108	ug/l #	56

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

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P026-SS010-1824-01RE

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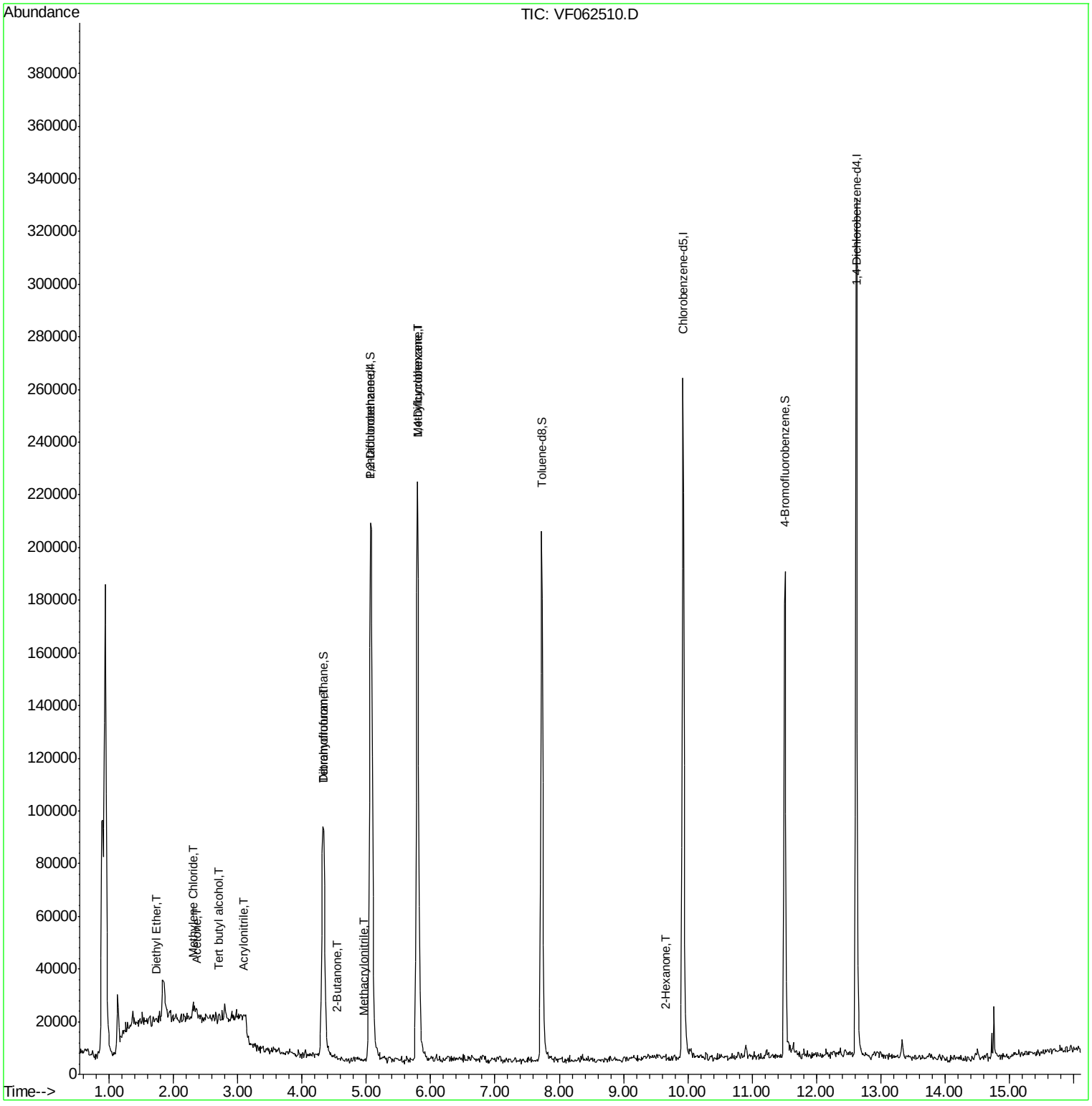
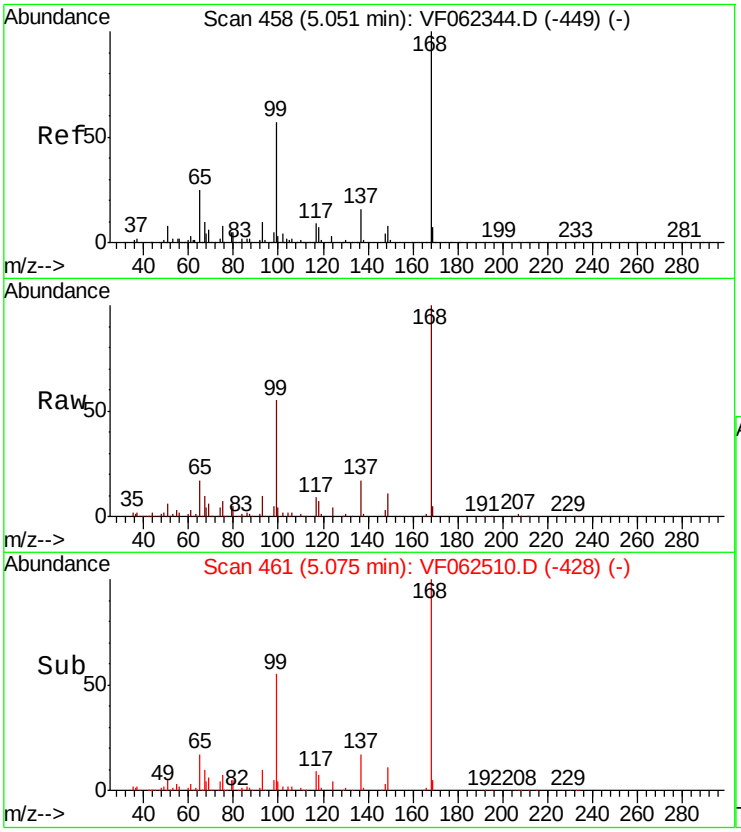


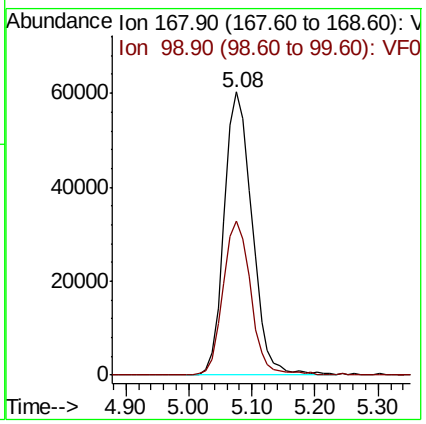


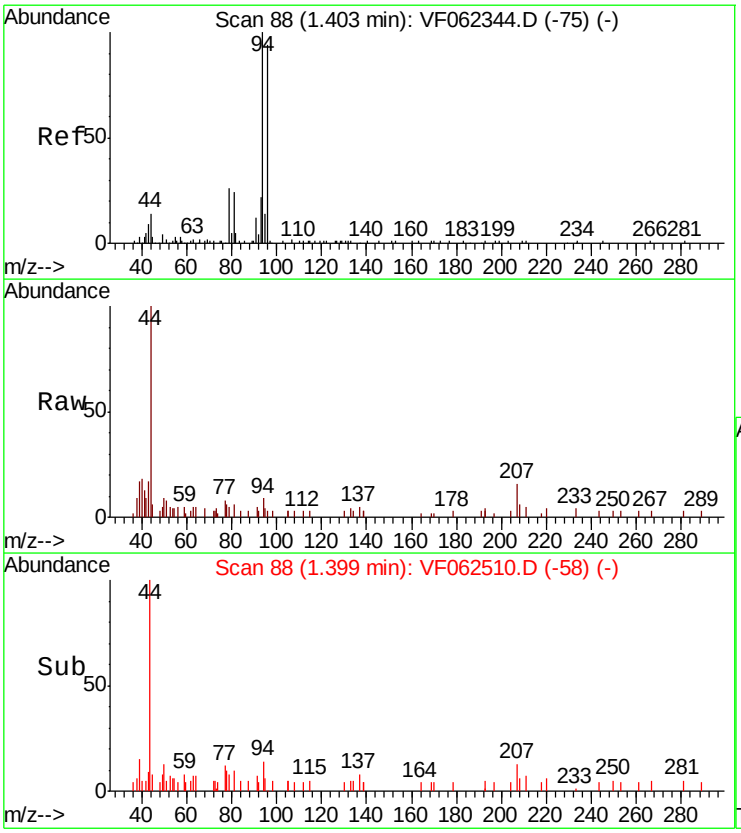
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 461
Delta R.T. 0.02 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Instrument :
MSVOA_F
ClientSampleId :
P026-SS010-1824-01RE

Tgt Ion:168 Resp: 184977

Ion	Ratio	Lower	Upper
168	100		
99	54.6	45.9	68.9

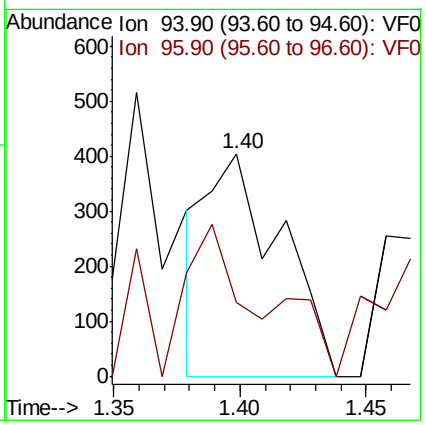


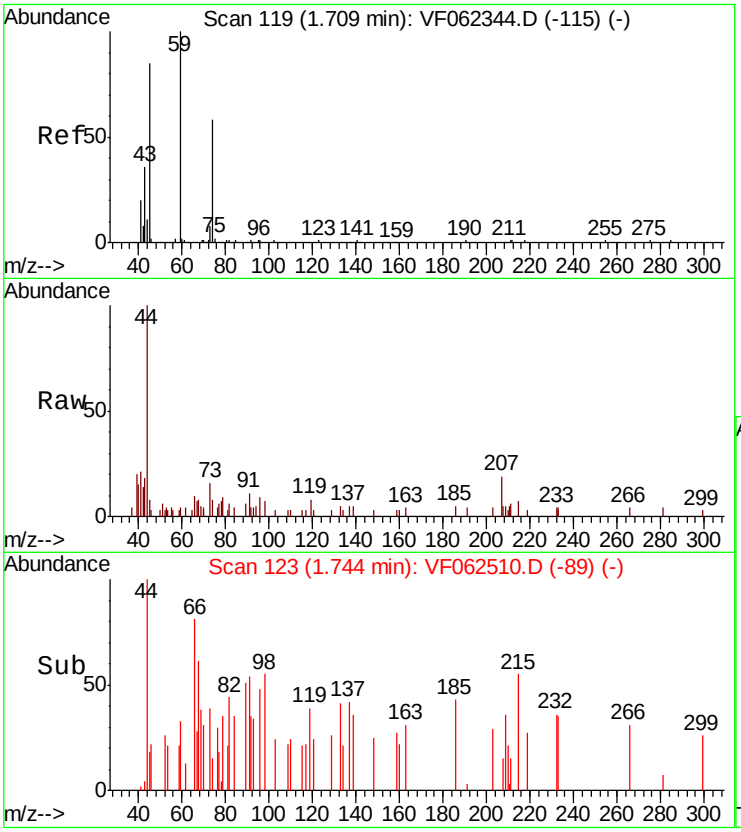


#5
Bromomethane
Concen: Below Cal
RT: 1.40 min Scan# 88
Delta R.T. -0.00 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Tgt Ion: 94 Resp: 821

Ion	Ratio	Lower	Upper
94	100		
96	33.1	75.4	113.2#



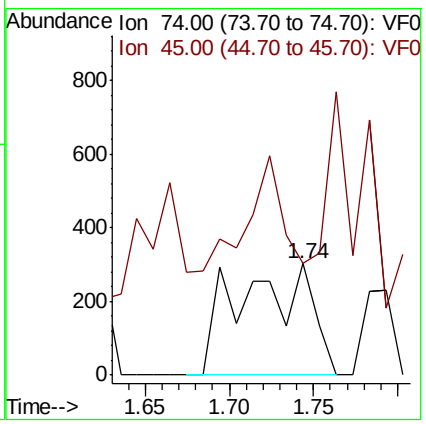


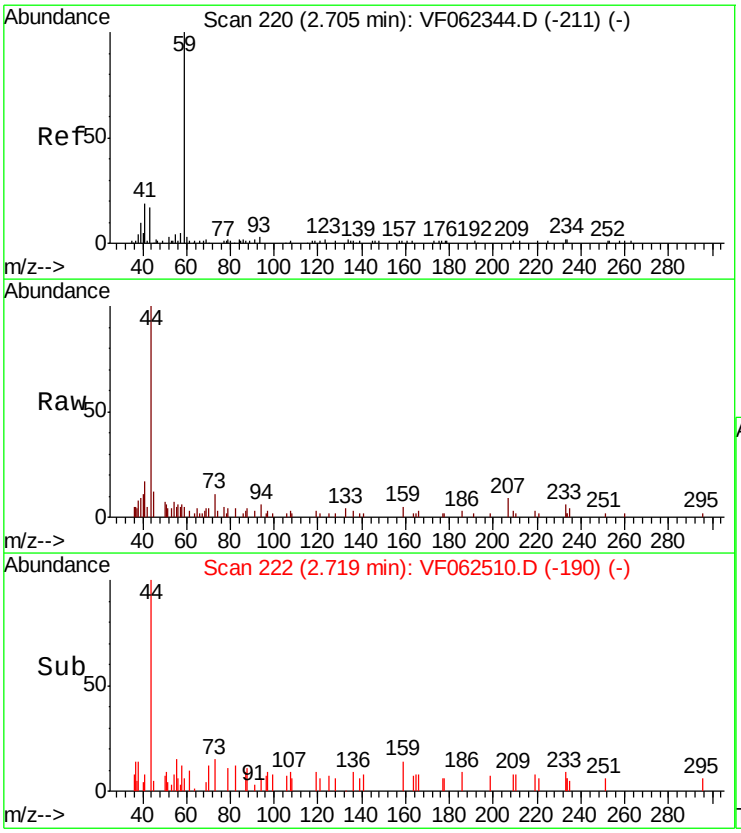
#8
Diethyl Ether
Concen: 2.031 ug/l
RT: 1.74 min Scan# 123
Delta R.T. 0.03 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Instrument :
MSVOA_F
ClientSampleId :
P026-SS010-1824-01RE

Tgt Ion: 74 Resp: 898

Ion	Ratio	Lower	Upper
74	100		
45	0.0	73.9	221.6#

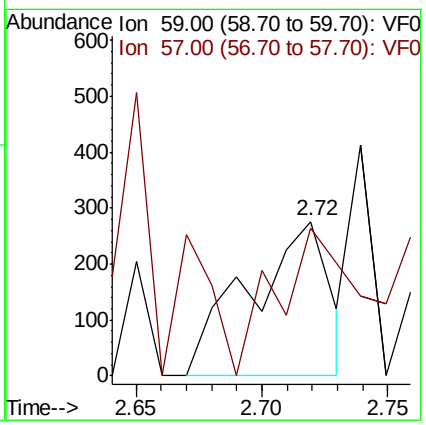


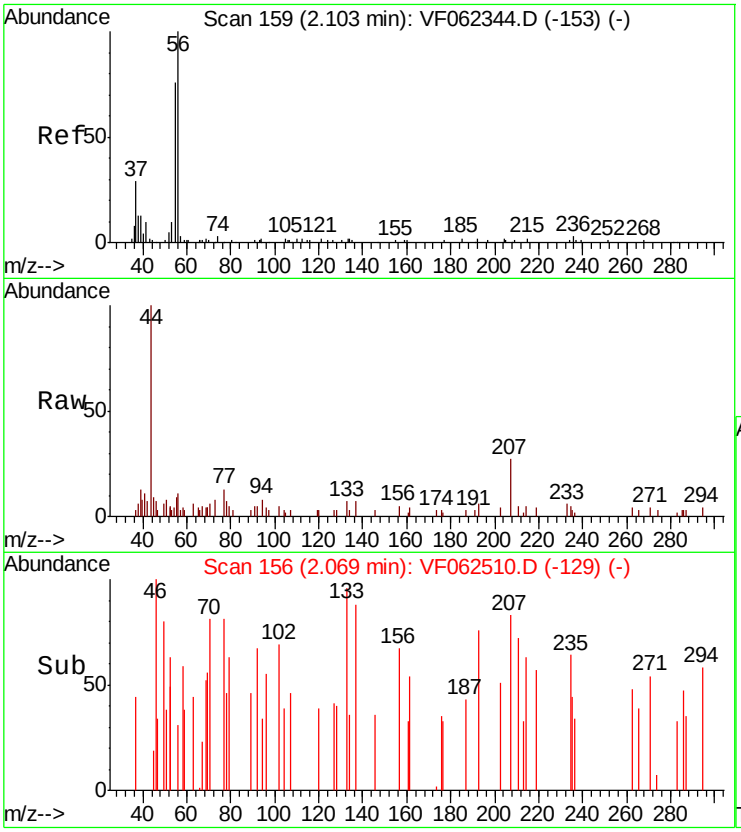


#11
Tert butyl alcohol
Concen: 6.205 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.01 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Tgt Ion: 59 Resp: 613

Ion	Ratio	Lower	Upper
59	100		
57	100.0	9.3	13.9#



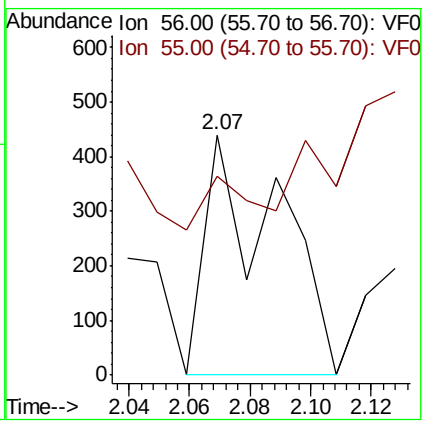


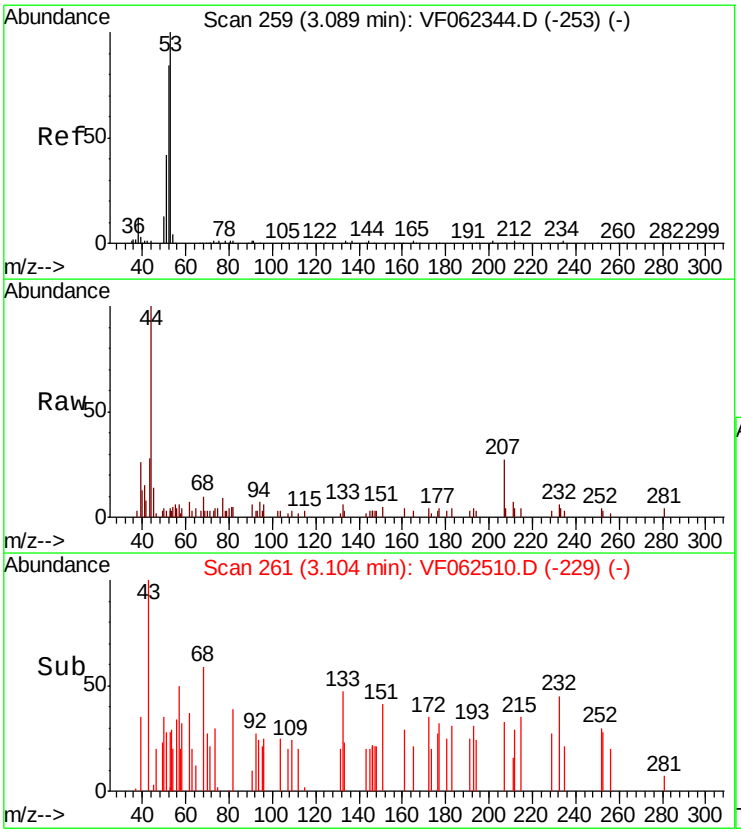
#13
Acrolein
Concen: Below Cal
RT: 2.07 min Scan# 156
Delta R.T. -0.03 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Instrument :
MSVOA_F
ClientSampleId :
P026-SS010-1824-01RE

Tgt Ion: 56 Resp: 722

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.4	87.6#

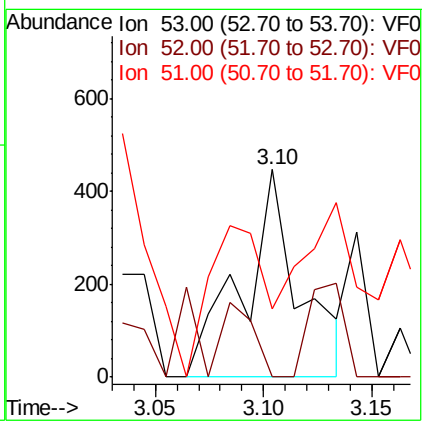


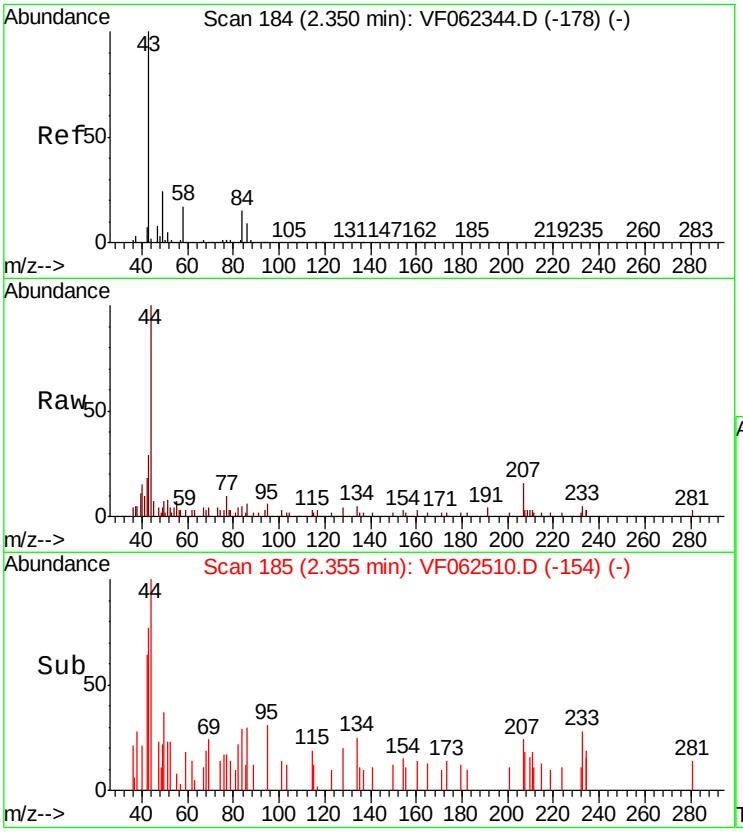


#15
Acrylonitrile
Concen: 4.307 ug/l
RT: 3.10 min Scan# 261
Delta R.T. 0.01 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Tgt Ion: 53 Resp: 806

Ion	Ratio	Lower	Upper
53	100		
52	0.0	77.2	115.8#
51	73.1	40.6	61.0#



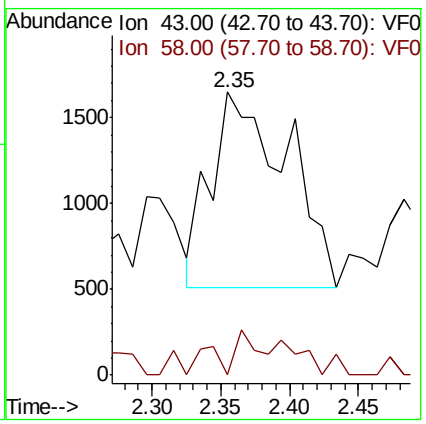


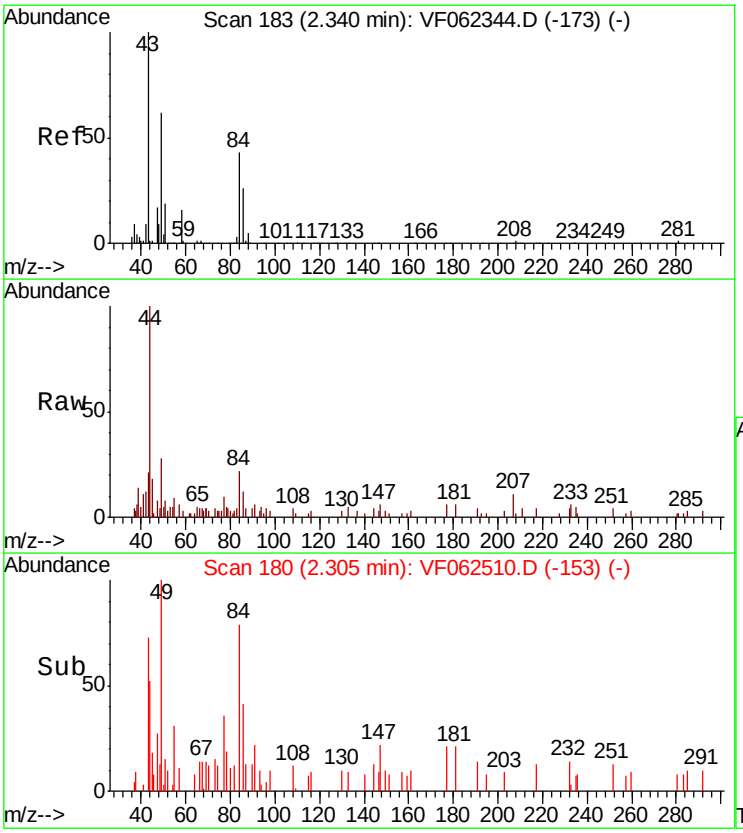
#16
Acetone
Concen: 12.471 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Instrument :
MSVOA_F
ClientSampleId :
P026-SS010-1824-01RE

Tgt Ion: 43 Resp: 4410

Ion	Ratio	Lower	Upper
43	100		
58	0.0	13.1	19.7#

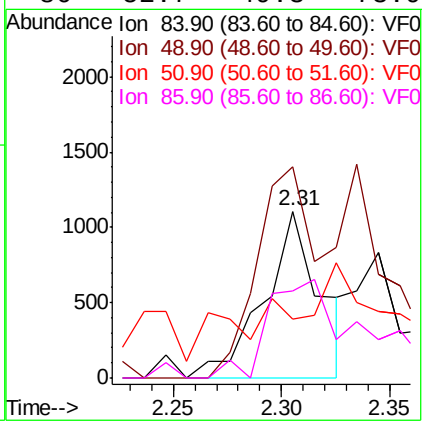


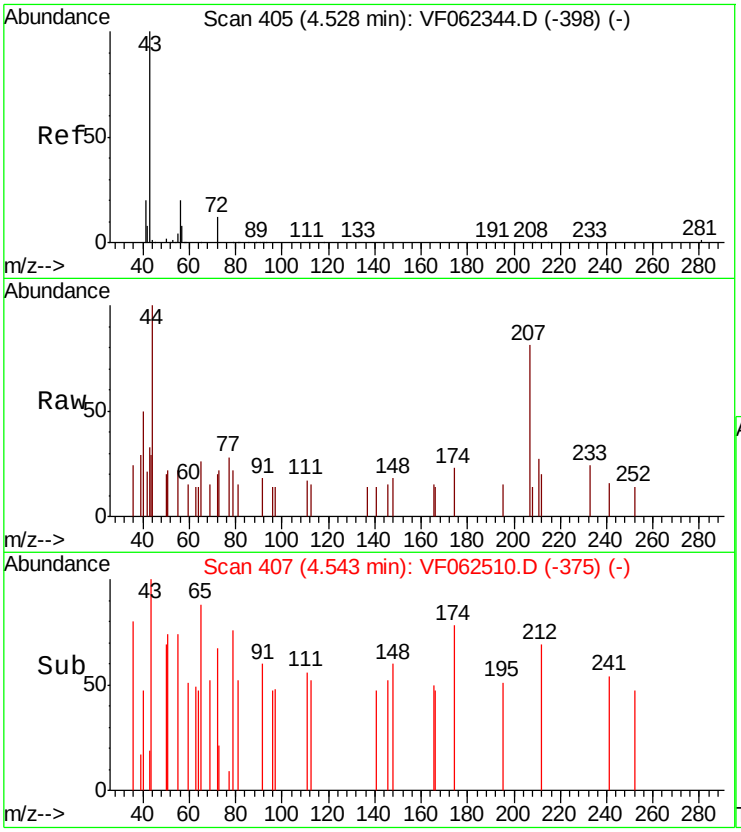


#20
Methylene Chloride
Concen: 1.560 ug/l
RT: 2.31 min Scan# 180
Delta R.T. -0.03 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Tgt Ion: 84 Resp: 1996

Ion	Ratio	Lower	Upper
84	100		
49	127.0	117.5	176.3
51	25.1	37.0	55.4#
86	52.7	49.3	73.9



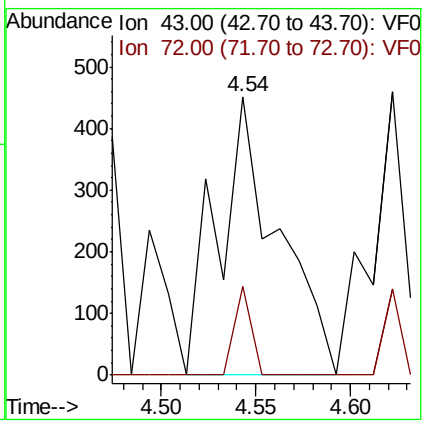


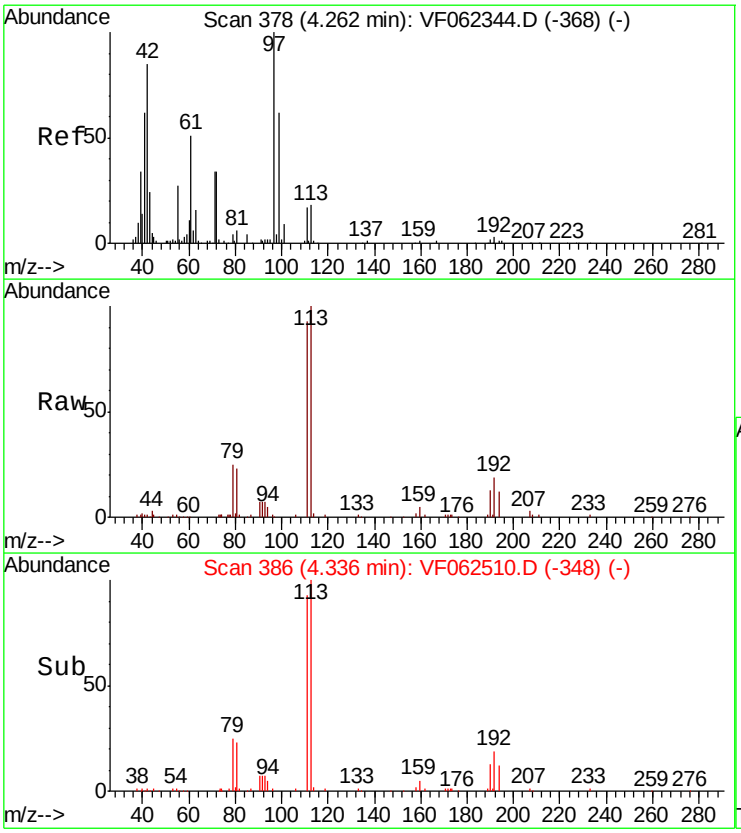
#25
2-Butanone
Concen: 2.237 ug/l
RT: 4.54 min Scan# 407
Delta R.T. 0.01 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Instrument :
MSVOA_F
ClientSampleId :
P026-SS010-1824-01RE

Tgt Ion: 43 Resp: 994

Ion	Ratio	Lower	Upper
43	100		
72	31.9	14.2	21.4#

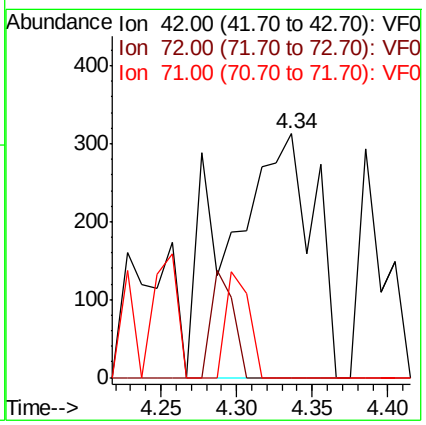


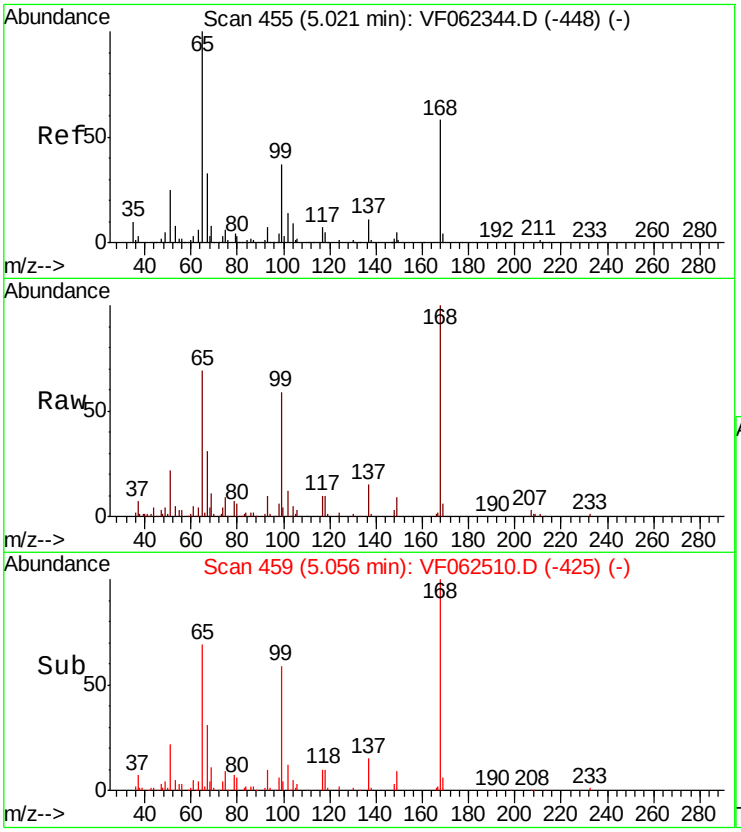


#29
Tetrahydrofuran
Concen: 6.034 ug/l
RT: 4.34 min Scan# 386
Delta R.T. 0.07 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Tgt Ion: 42 Resp: 1232

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



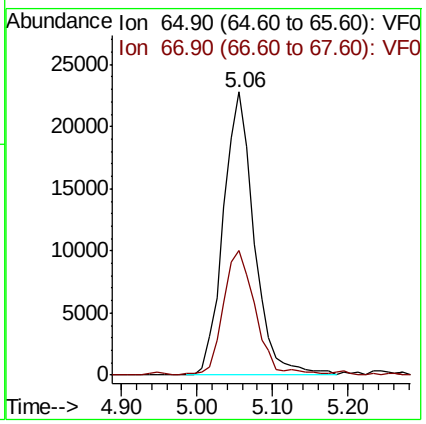


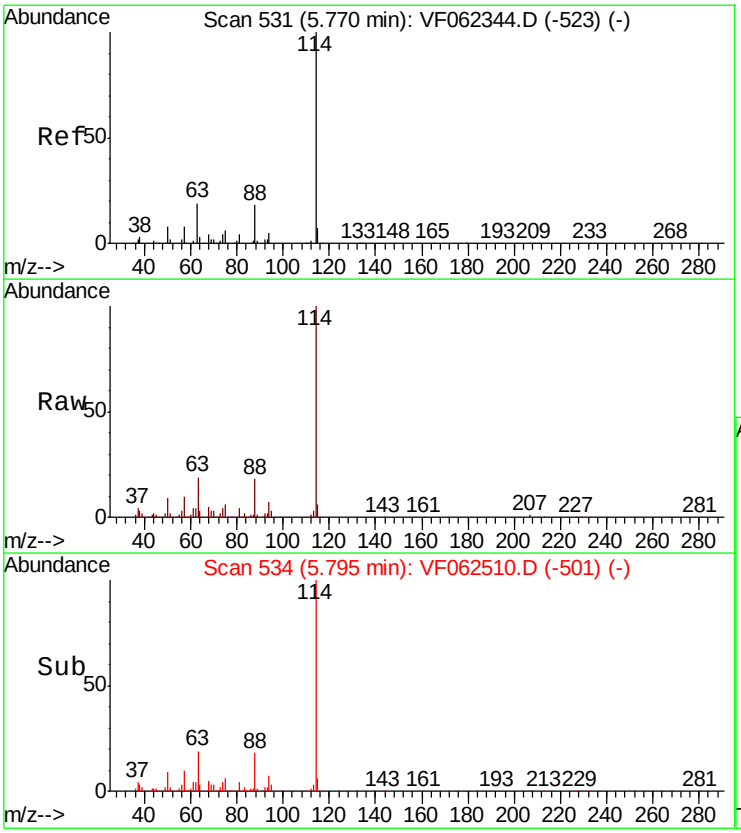
#33
1,2-Dichloroethane-d4
Concen: 36.767 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.03 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Instrument :
MSVOA_F
ClientSampleId :
P026-SS010-1824-01RE

Tgt Ion: 65 Resp: 64273

Ion	Ratio	Lower	Upper
65	100		
67	45.8	0.0	85.8

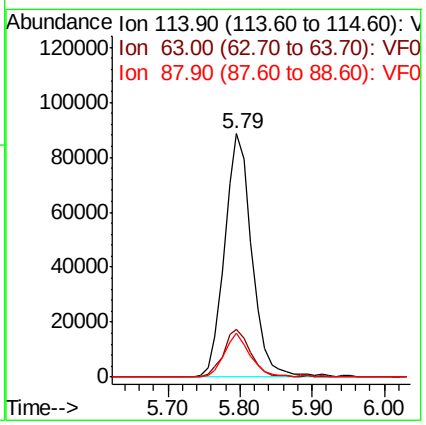


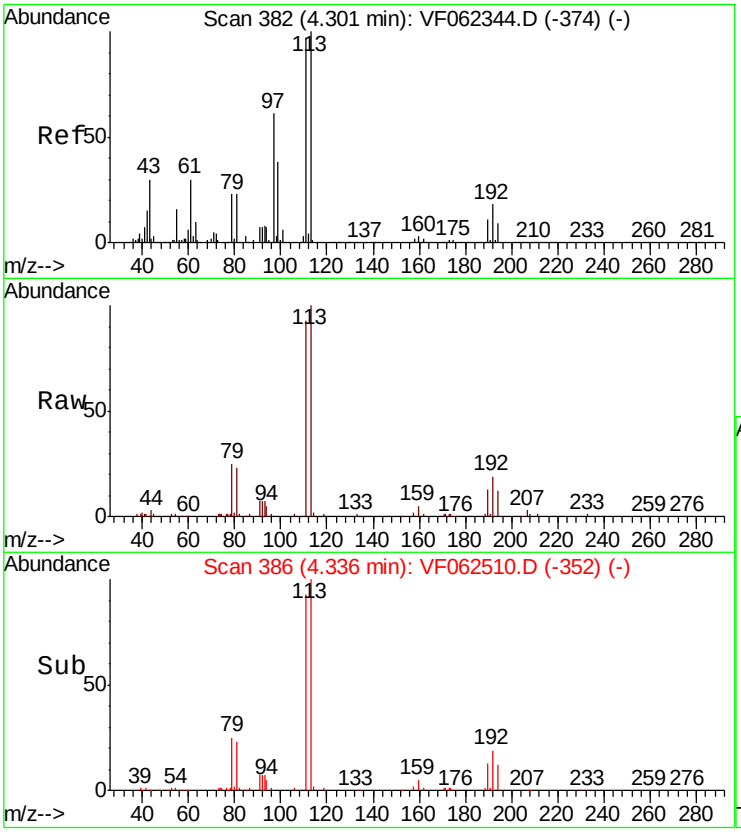


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.02 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Tgt Ion:114 Resp: 233058

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	37.4
88	18.0	0.0	36.4



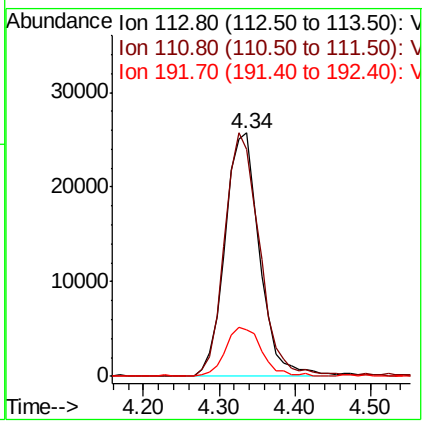


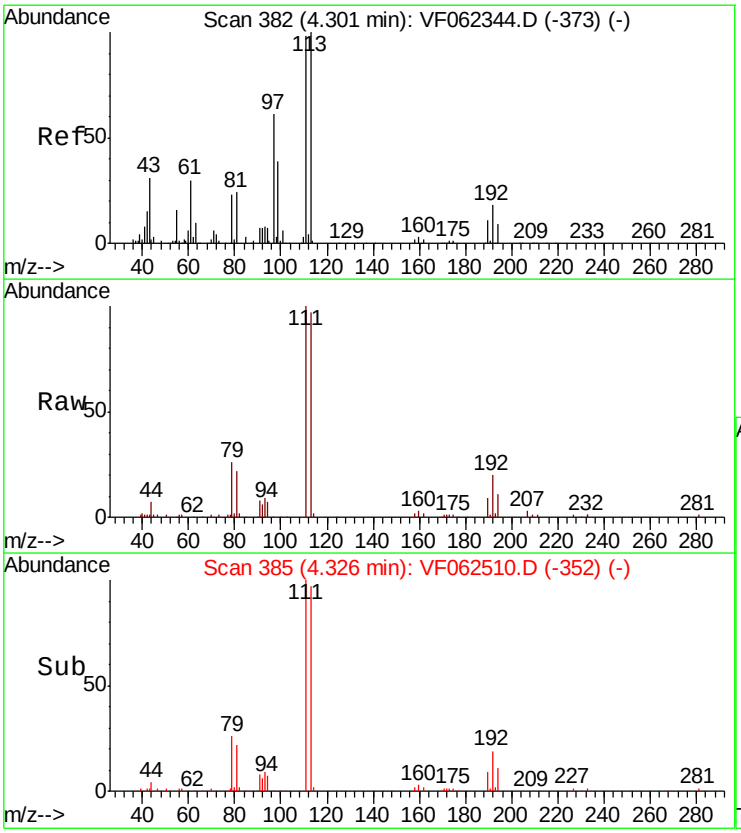
#35
Dibromofluoromethane
Concen: 43.756 ug/l
RT: 4.34 min Scan# 386
Delta R.T. 0.03 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Instrument :
MSVOA_F
ClientSampleId :
P026-SS010-1824-01RE

Tgt Ion:113 Resp: 81244

Ion	Ratio	Lower	Upper
113	100		
111	101.4	79.4	119.0
192	21.3	16.0	24.0

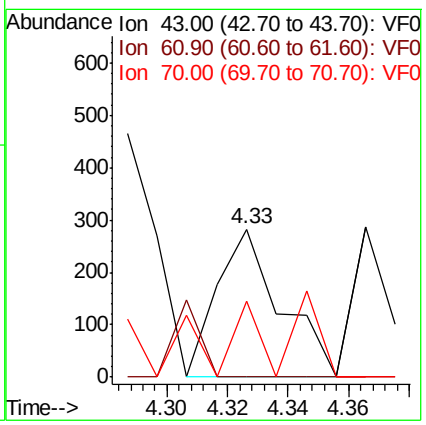


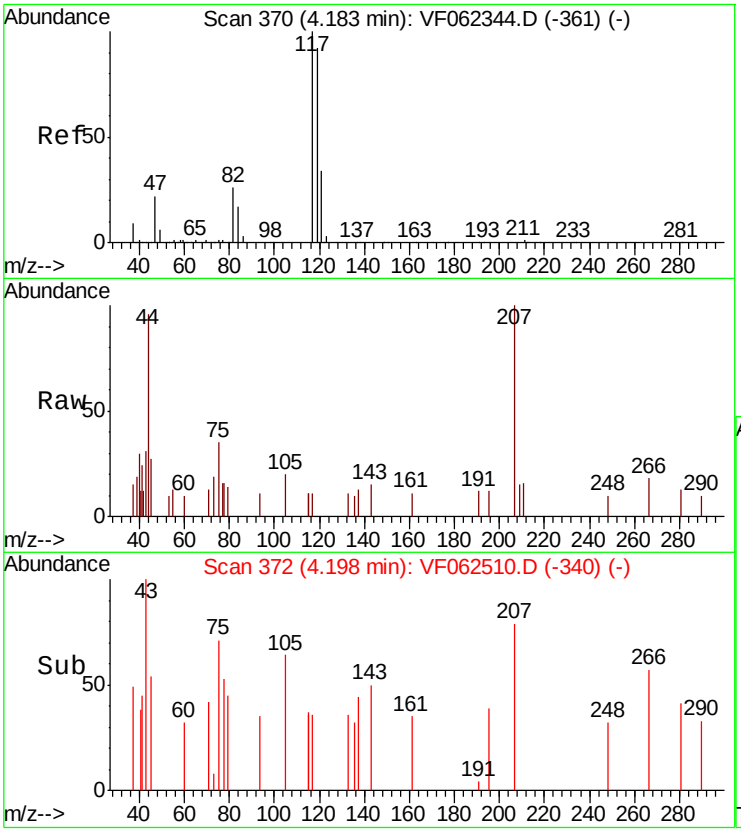


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 385
Delta R.T. 0.03 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Tgt Ion: 43 Resp: 412

Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	20.9	8.2	12.2#



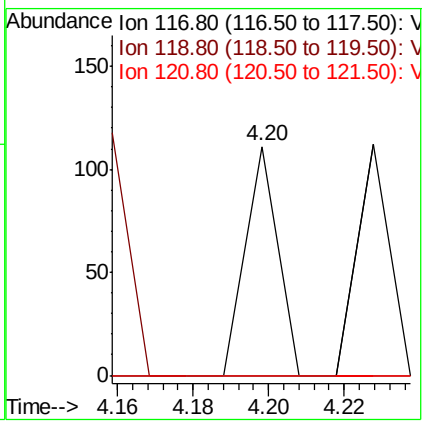


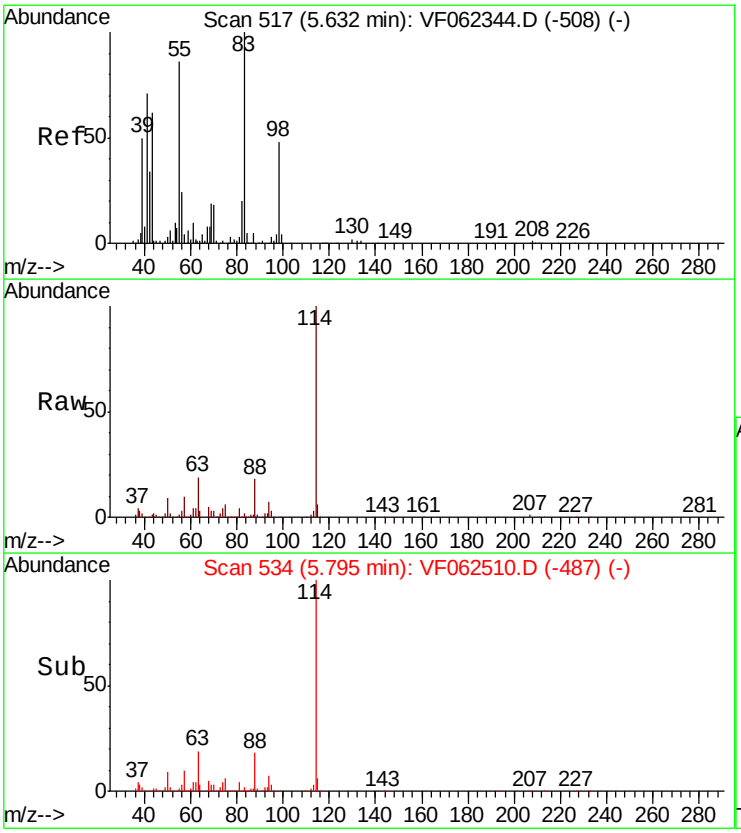
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.20 min Scan# 372
Delta R.T. 0.02 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Instrument : MSVOA_F
ClientSampleId : P026-SS010-1824-01RE

Tgt Ion:117 Resp: 66

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

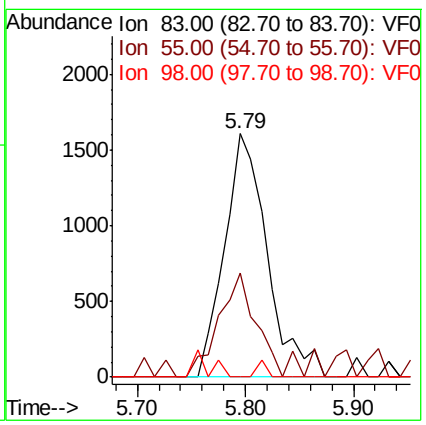


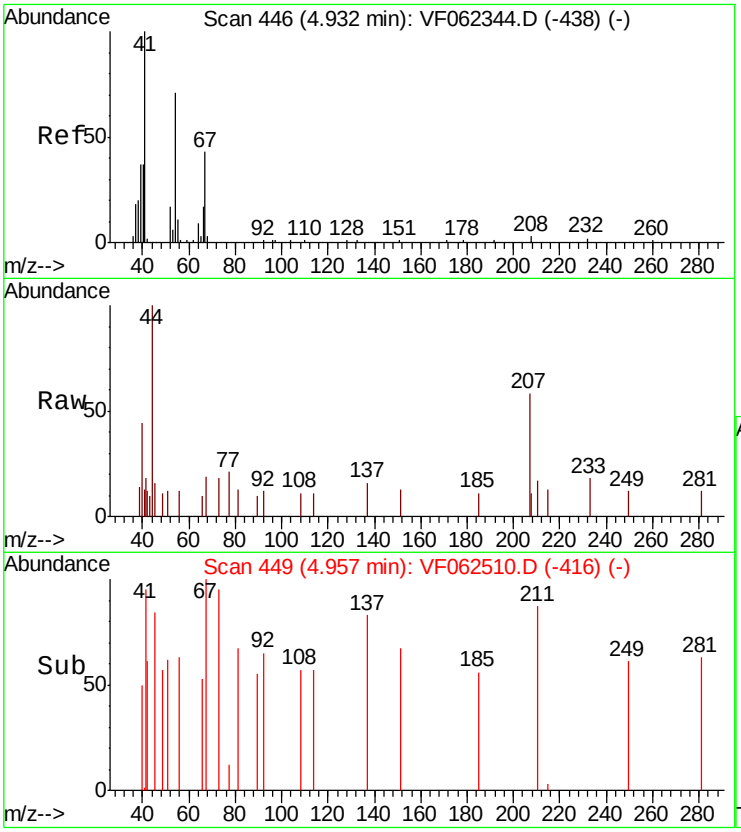


#39
Methylcyclohexane
Concen: 2.203 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.16 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Tgt Ion: 83 Resp: 4423

Ion	Ratio	Lower	Upper
83	100		
55	42.7	69.0	103.6#
98	0.0	38.6	58.0#



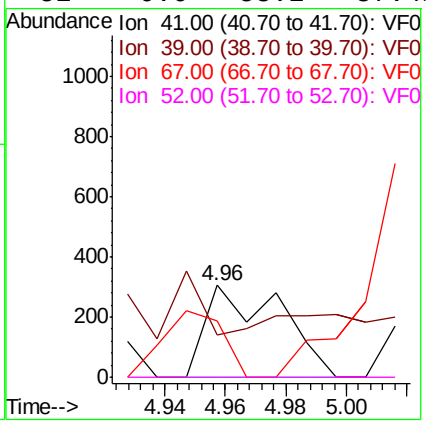


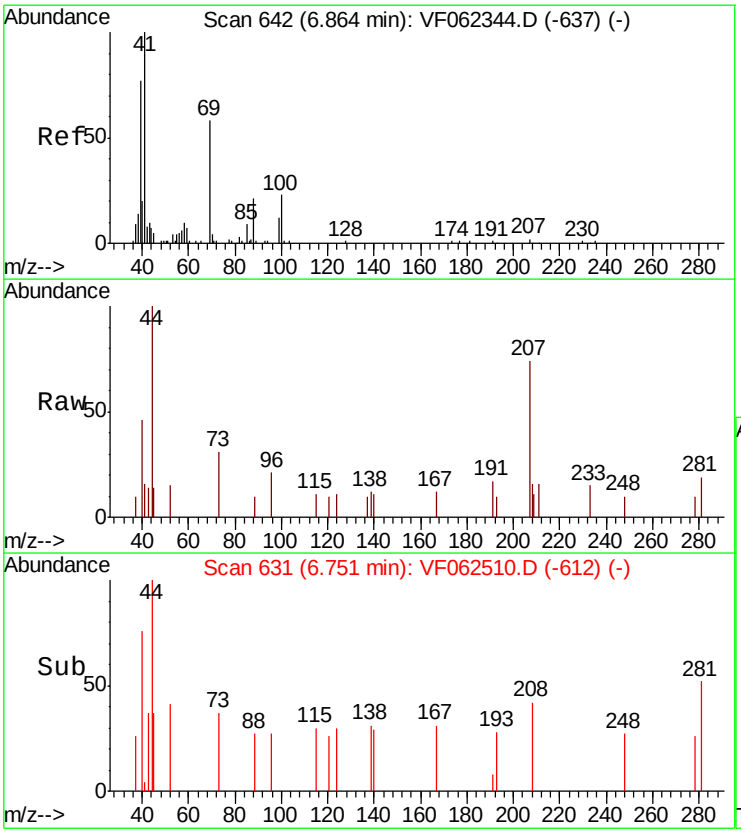
#41
Methacrylonitrile
Concen: 1.096 ug/l
RT: 4.96 min Scan# 449
Delta R.T. 0.02 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Instrument :
MSVOA_F
ClientSampleId :
P026-SS010-1824-01RE

Tgt Ion: 41 Resp: 526

Ion	Ratio	Lower	Upper
41	100		
39	0.0	54.3	81.5#
67	0.0	37.8	56.8#
52	0.0	58.2	87.4#

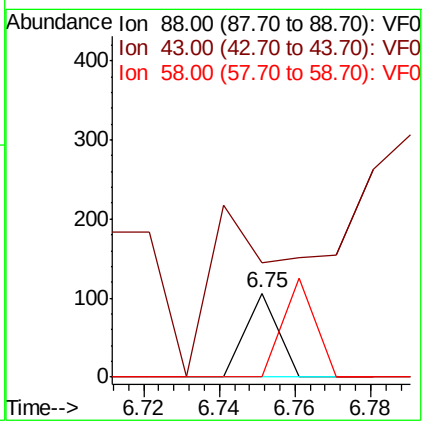


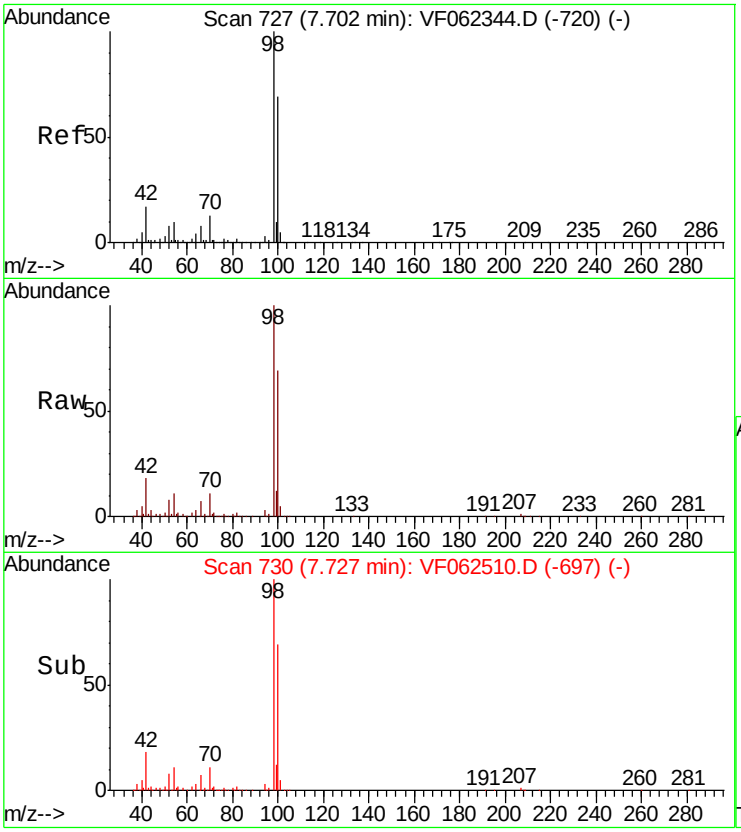


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.75 min Scan# 631
Delta R.T. -0.11 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	0.0	55.6	83.4#
58	119.0	52.8	79.2#



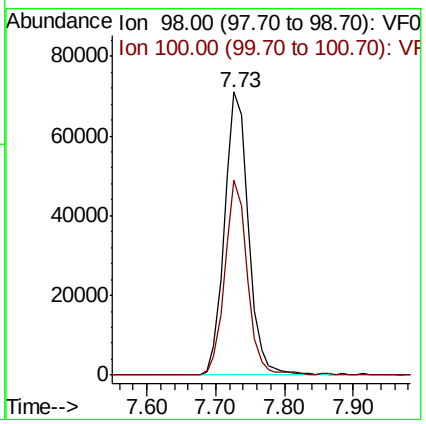


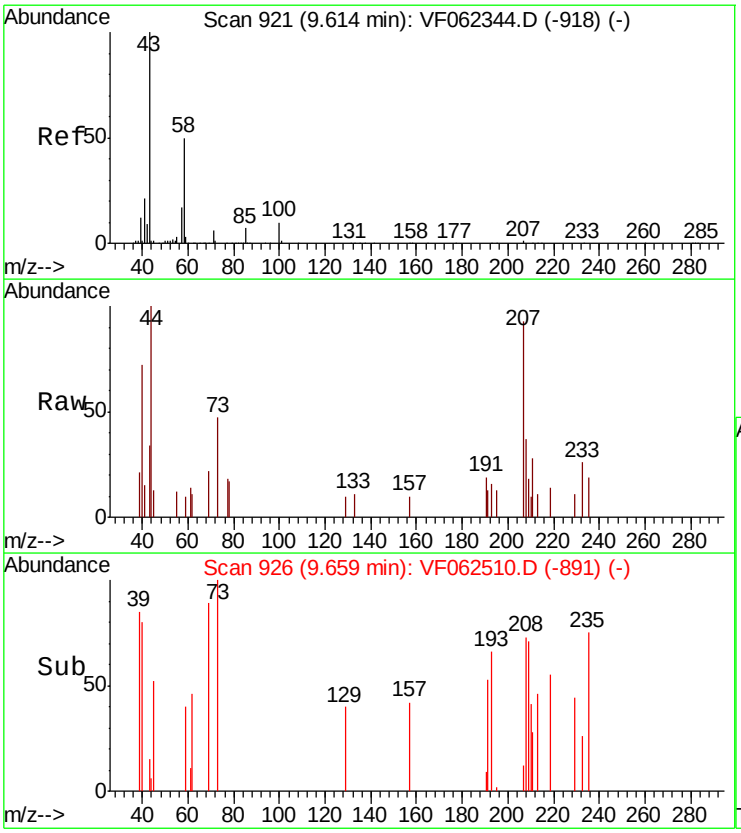
#50
Toluene-d8
Concen: 38.001 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Instrument : MSVOA_F
ClientSampleId : P026-SS010-1824-01RE

Tgt Ion: 98 Resp: 170794

Ion	Ratio	Lower	Upper
98	100		
100	64.5	53.3	79.9

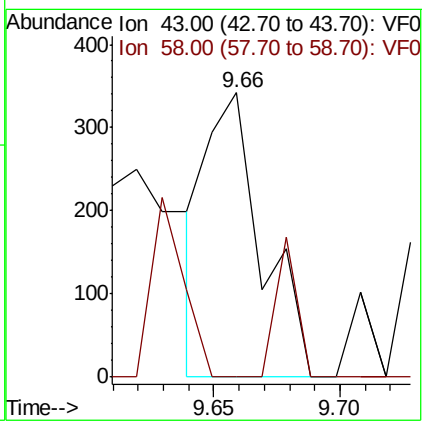


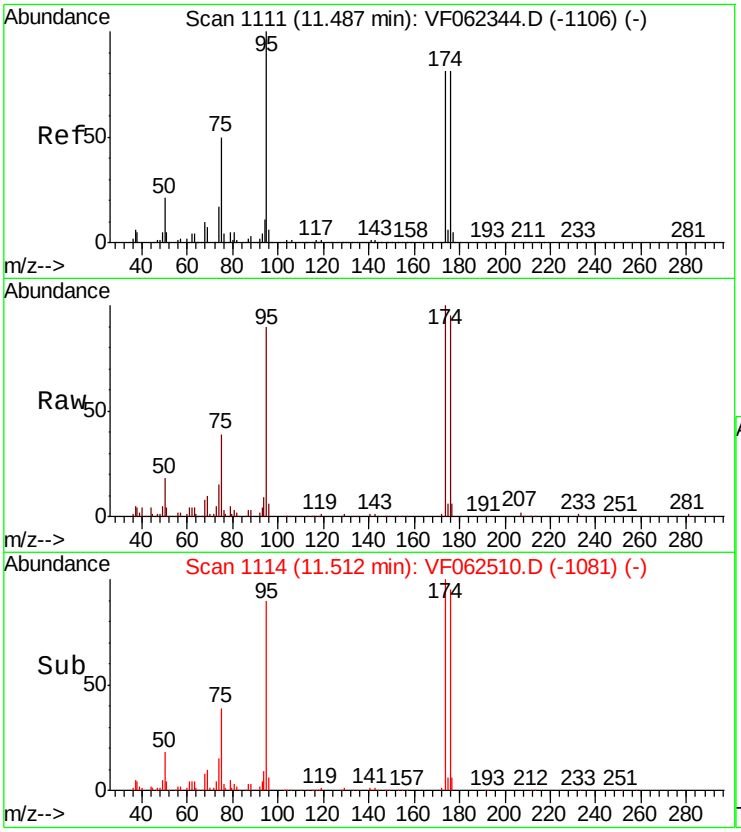


#59
2-Hexanone
Concen: 1.108 ug/l
RT: 9.66 min Scan# 926
Delta R.T. 0.04 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Tgt Ion: 43 Resp: 529

Ion	Ratio	Lower	Upper
43	100		
58	18.7	24.3	73.0#



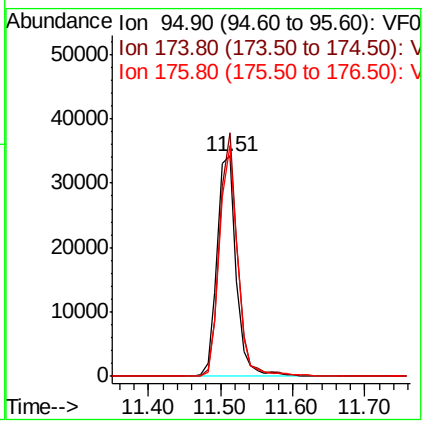


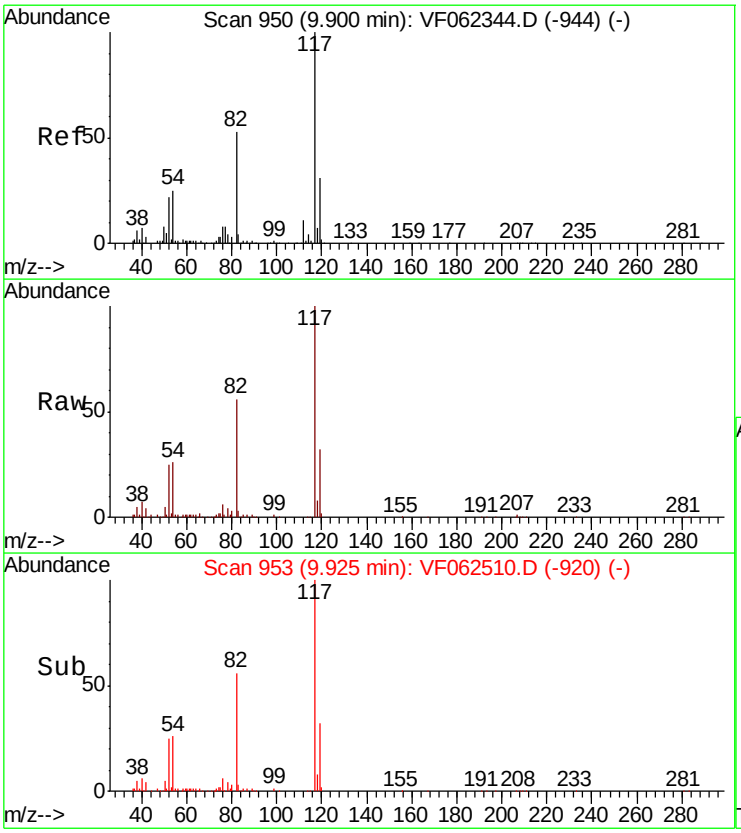
#62
4-Bromofluorobenzene
Concen: 30.961 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Instrument :
MSVOA_F
ClientSampleId :
P026-SS010-1824-01RE

Tgt Ion: 95 Resp: 62782

Ion	Ratio	Lower	Upper
95	100		
174	103.8	0.0	191.8
176	99.3	0.0	193.2

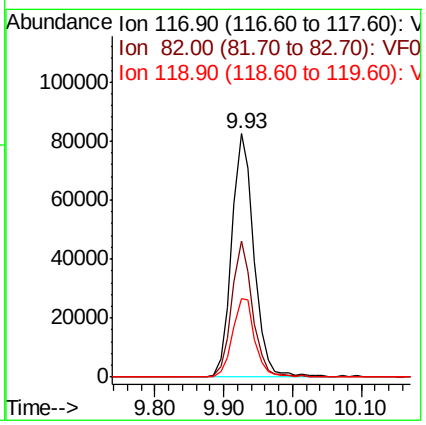


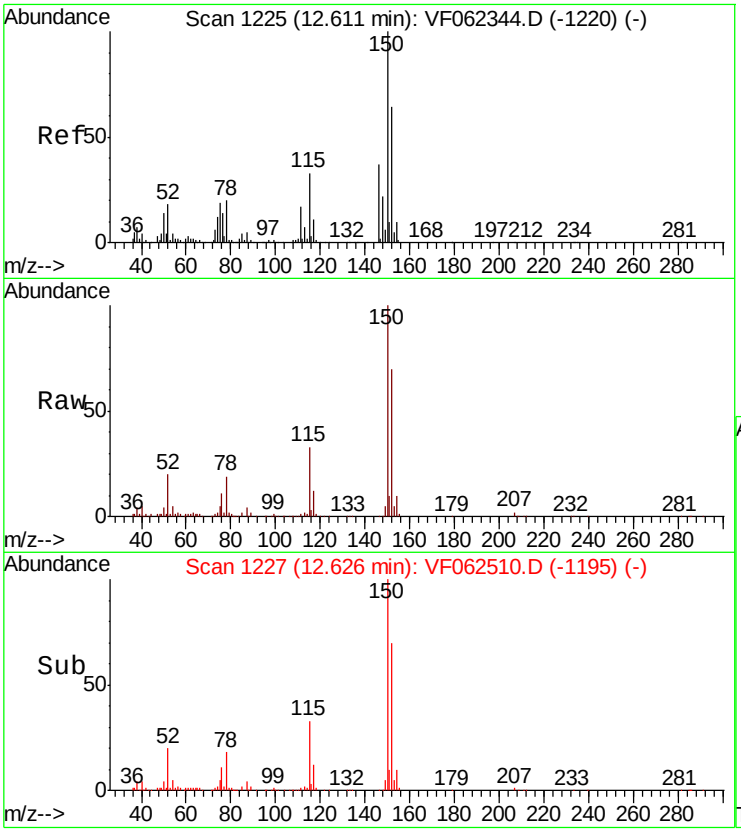


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Tgt Ion:117 Resp: 184896

Ion	Ratio	Lower	Upper
117	100		
82	56.0	42.2	63.2
119	32.3	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Instrument :
MSVOA_F
ClientSampleId :
P026-SS010-1824-01RE

Tgt Ion:152 Resp: 96074

Ion	Ratio	Lower	Upper
152	100		
115	50.8	26.4	79.2
150	149.3	0.0	335.0