Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081718\
Data File : VF059995.D
Acq On : 18 Aug 2018 2:19
Operator : VA/AP
Sample : J4511-06
Misc : 5.02g/5mL/MSVOA_F/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : RA-081418-FL-028

Quant Time: Aug 18 03:37:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration

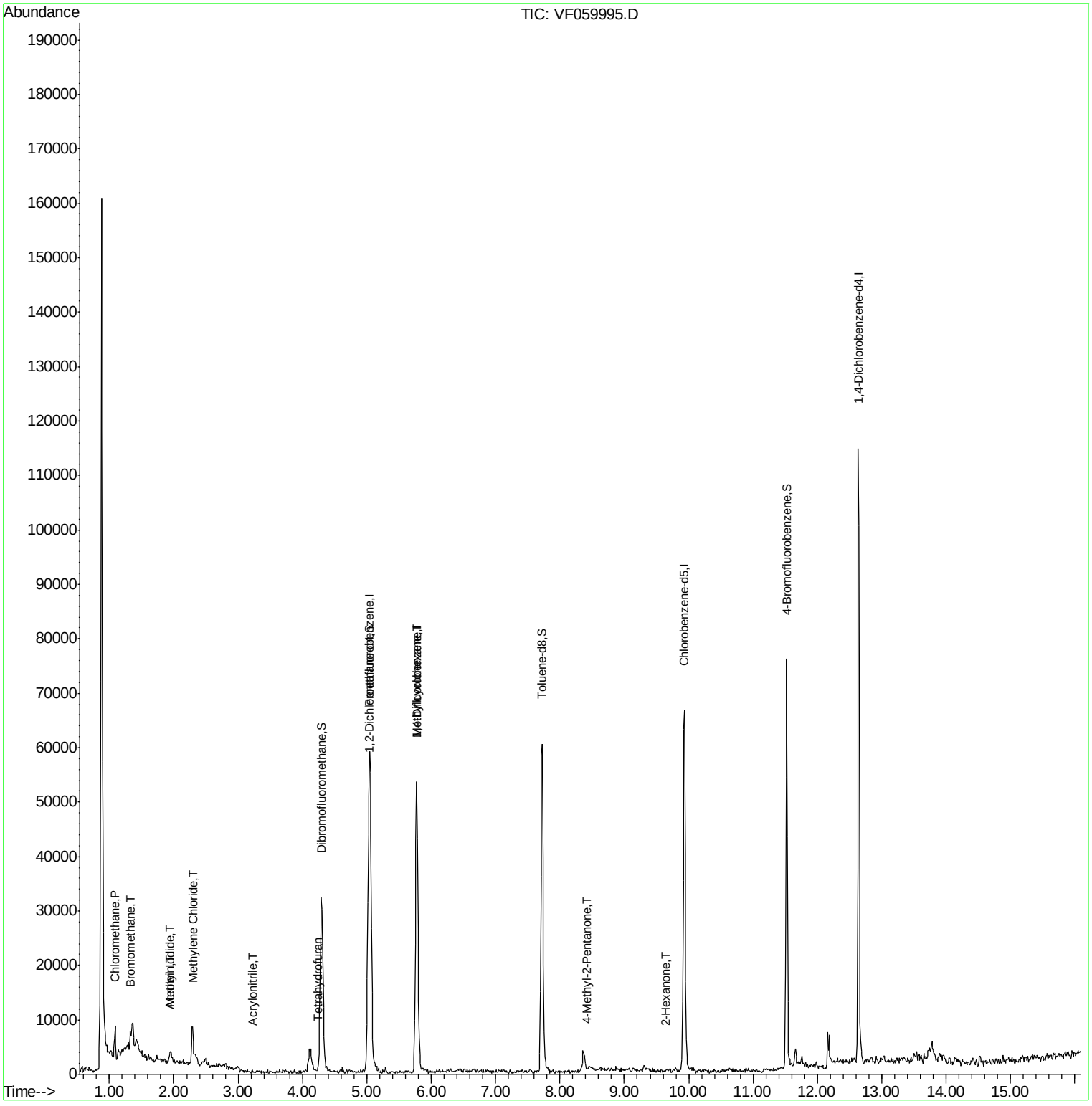
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	38731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	48985	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	41742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	27653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	36636	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.00%			
35) Dibromofluoromethane	4.30	113	27874	55.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.36%			
50) Toluene-d8	7.72	98	49600	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.10%			
62) 4-Bromofluorobenzene	11.52	95	23596	34.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 69.08%			
Target Compounds						Qvalue
3) Chloromethane	1.09	50	1207	1.992	ug/l	95
5) Bromomethane	1.33	94	1579	3.654	ug/l	88
10) Methyl Iodide	1.95	142	2448	3.675	ug/l #	82
13) Acrolein	1.93	56	61	15.183	ug/l #	9
15) Acrylonitrile	3.23	53	82	1.164	ug/l #	70
16) Acetone	2.33	43	1700	Below Cal	#	68
18) Methyl Acetate	2.45	43	679	Below Cal	#	63
20) Methylene Chloride	2.29	84	3518	4.813	ug/l #	80
29) Tetrahydrofuran	4.24	42	74	1.147	ug/l #	38
39) Methylcyclohexane	5.78	83	1305	3.118	ug/l #	10
51) 4-Methyl-2-Pentanone	8.42	43	371	1.170	ug/l #	43
59) 2-Hexanone	9.65	43	325	1.241	ug/l #	35

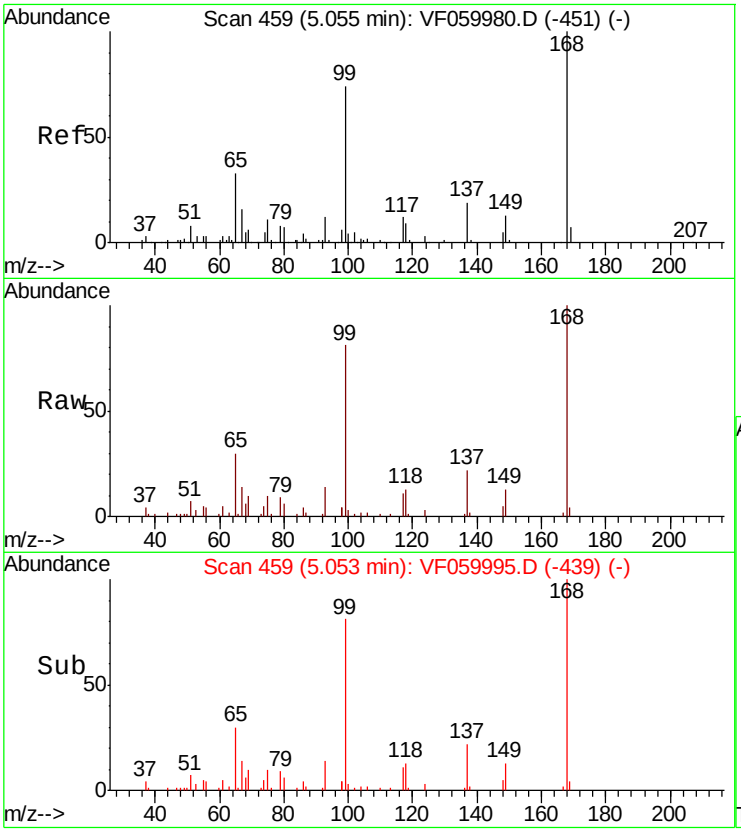
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081718\
Data File : VF059995.D
Acq On : 18 Aug 2018 2:19
Operator : VA/AP
Sample : J4511-06
Misc : 5.02g/5mL/MSVOA_F/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
RA-081418-FL-028

Quant Time: Aug 18 03:37:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration



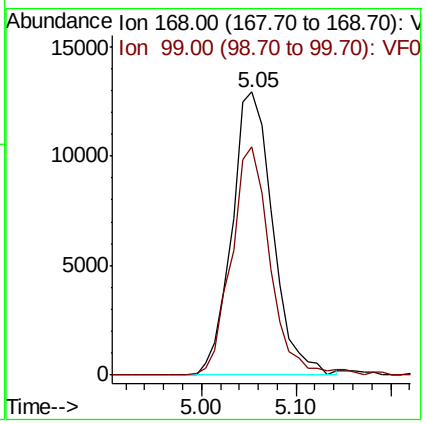


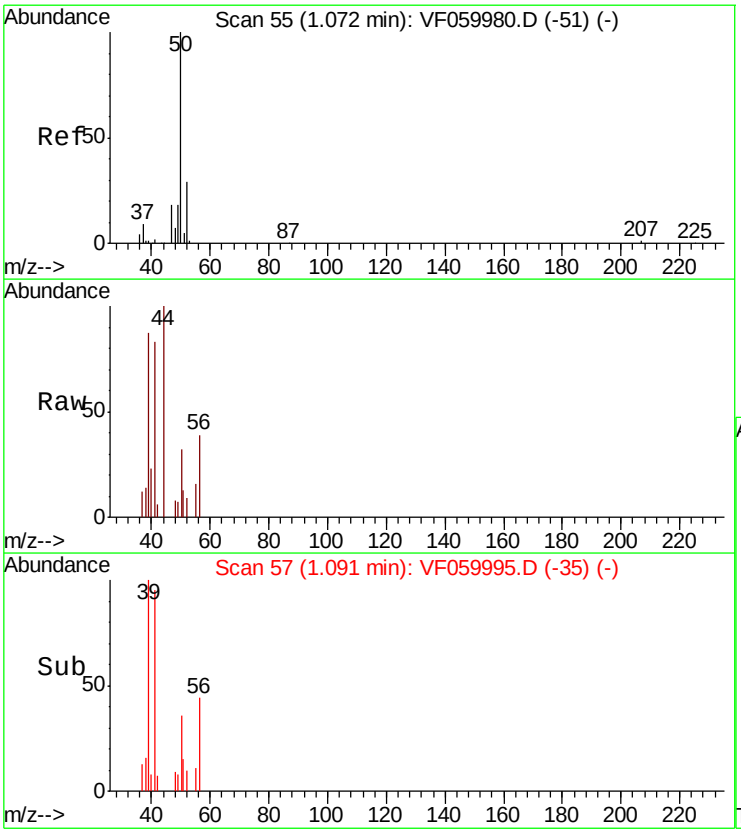
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 459
Delta R.T. -0.00 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Instrument :
MSVOA_F
ClientSampleId :
RA-081418-FL-028

Tgt Ion:168 Resp: 38731

Ion	Ratio	Lower	Upper
168	100		
99	80.7	59.0	88.6

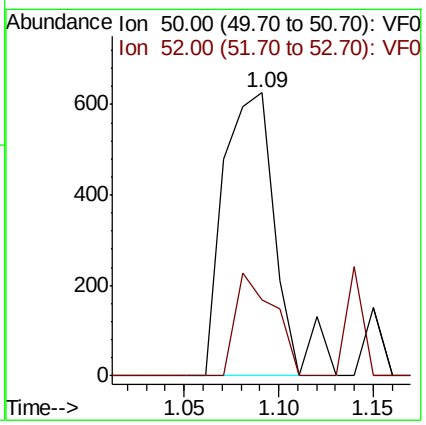


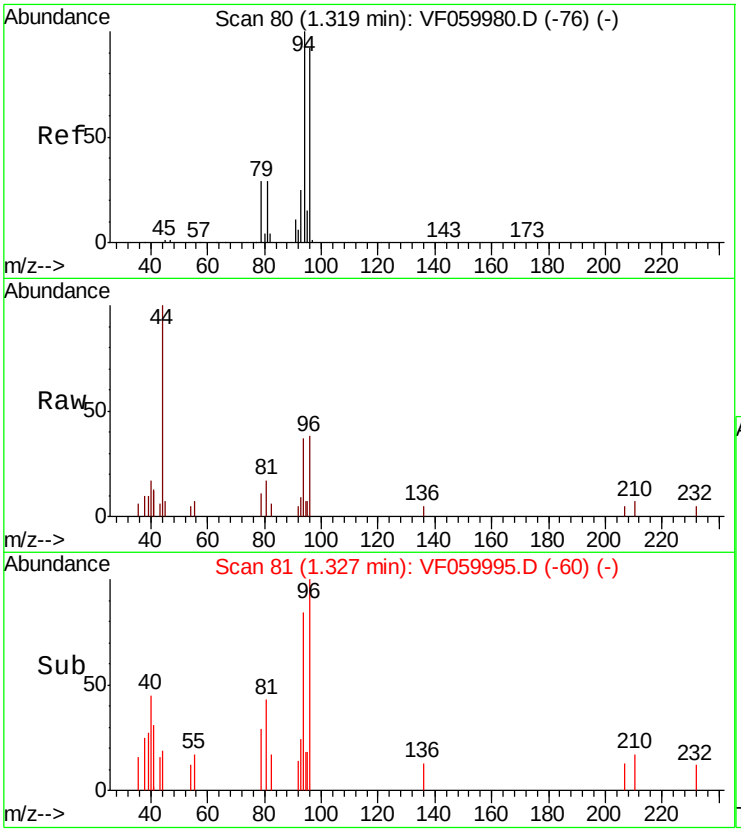


#3
Chloromethane
Concen: 1.992 ug/l
RT: 1.09 min Scan# 57
Delta R.T. 0.02 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Tgt Ion: 50 Resp: 1207

Ion	Ratio	Lower	Upper
50	100		
52	27.0	23.6	35.4



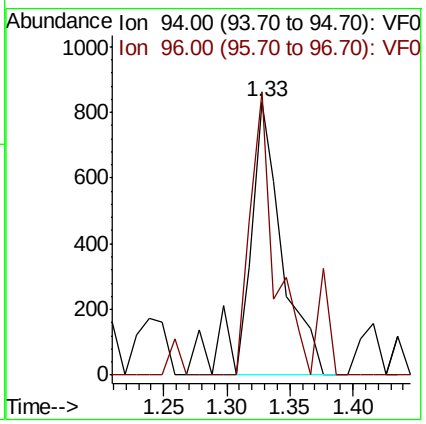


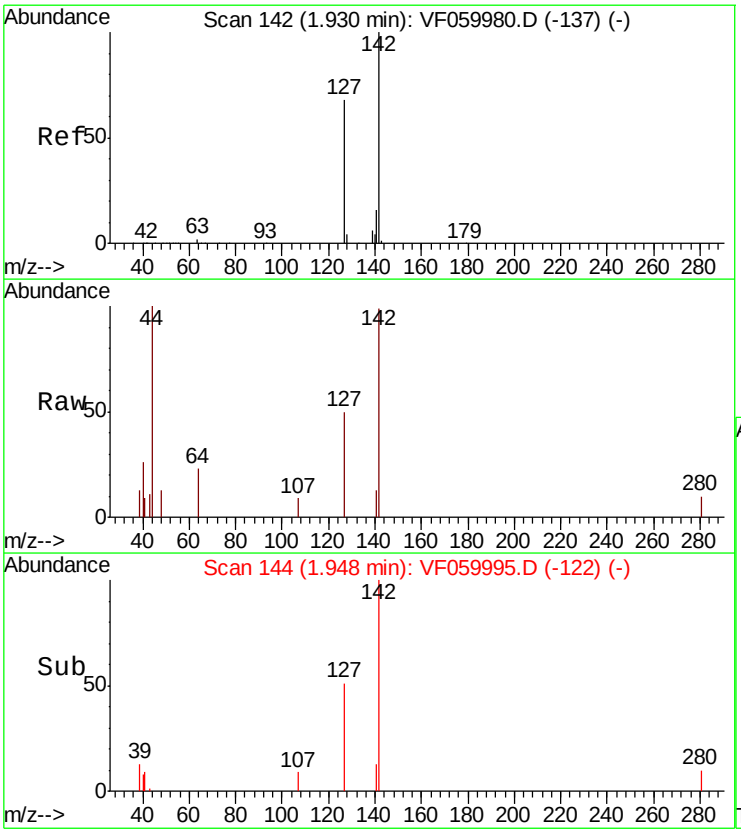
#5
Bromomethane
Concen: 3.654 ug/l
RT: 1.33 min Scan# 81
Delta R.T. 0.01 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Instrument :
MSVOA_F
ClientSampleId :
RA-081418-FL-028

Tgt Ion: 94 Resp: 1579

Ion	Ratio	Lower	Upper
94	100		
96	103.6	73.9	110.9

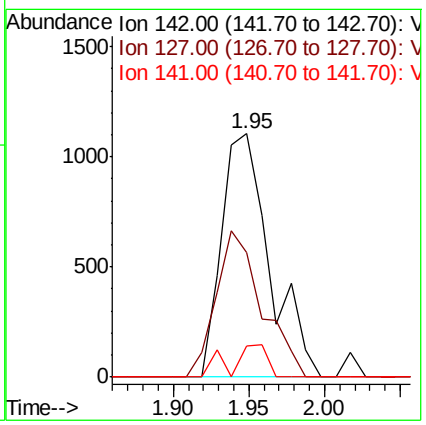


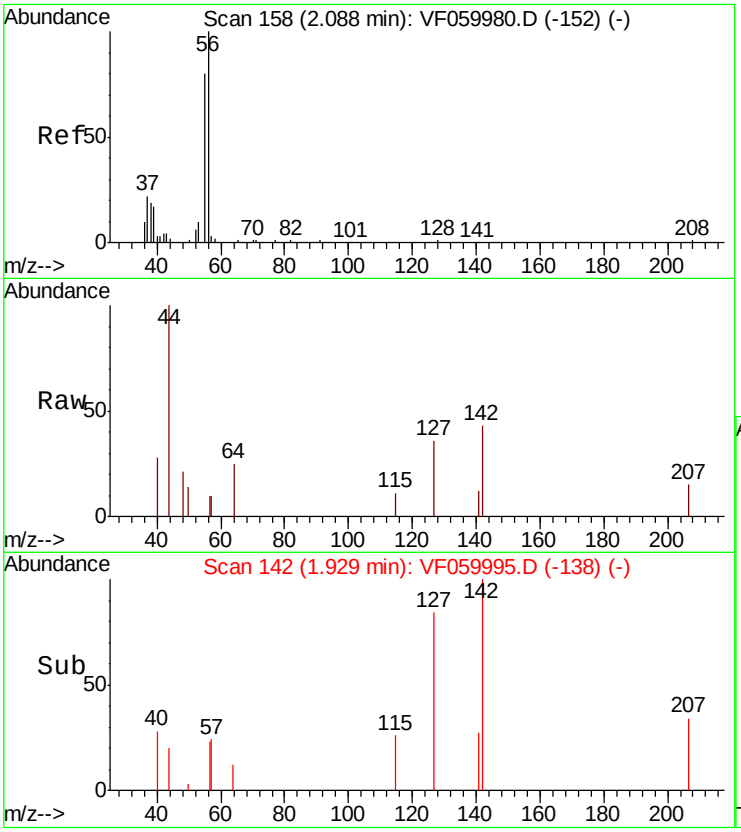


#10
Methyl Iodide
Concen: 3.675 ug/l
RT: 1.95 min Scan# 144
Delta R.T. 0.02 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Tgt Ion:142 Resp: 2448

Ion	Ratio	Lower	Upper
142	100		
127	51.1	54.1	81.1#
141	13.0	12.5	18.7



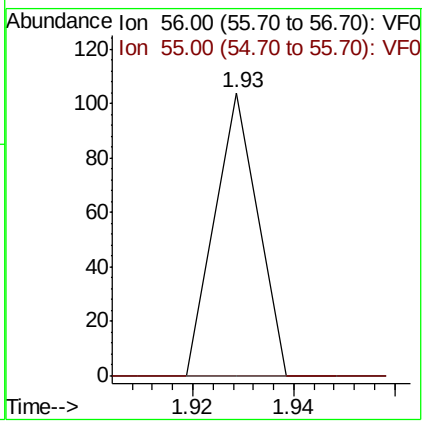


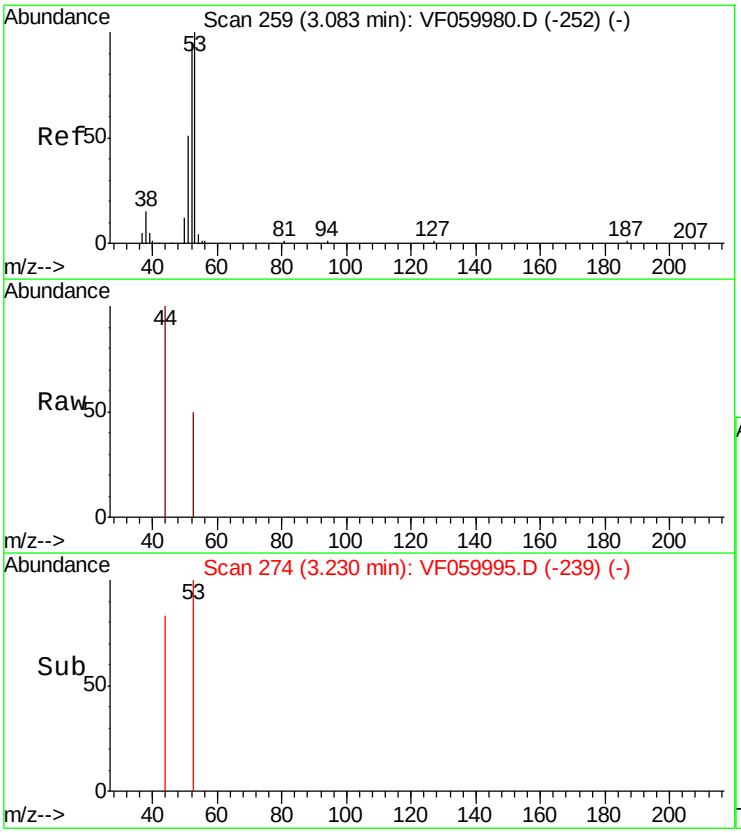
#13
Acrolein
Concen: 15.183 ug/l
RT: 1.93 min Scan# 142
Delta R.T. -0.16 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Instrument : MSVOA_F
ClientSampleId : RA-081418-FL-028

Tgt Ion: 56 Resp: 61

Ion	Ratio	Lower	Upper
56	100		
55	0.0	63.8	95.6#

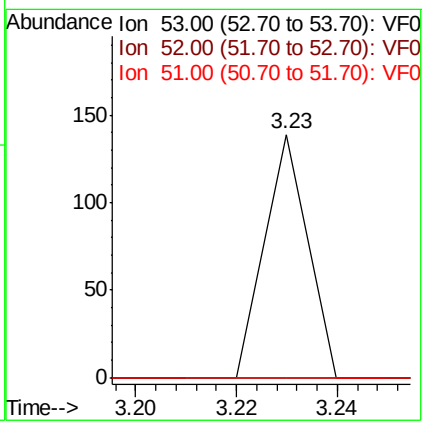


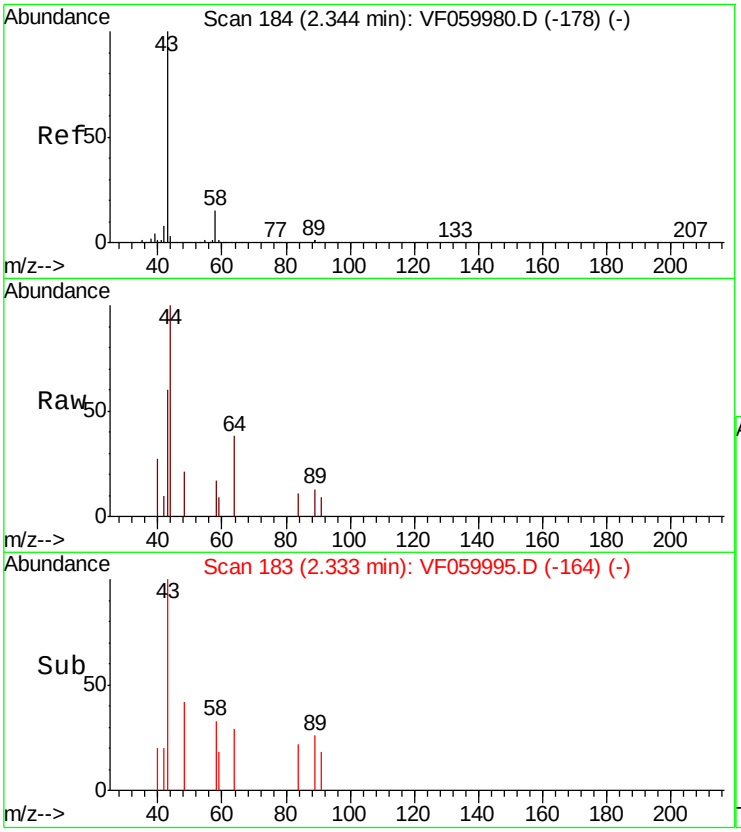


#15
Acrylonitrile
Concen: 1.164 ug/l
RT: 3.23 min Scan# 274
Delta R.T. 0.15 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Tgt Ion: 53 Resp: 82

Ion	Ratio	Lower	Upper
53	100		
52	100.0	76.0	114.0
51	0.0	41.9	62.9#



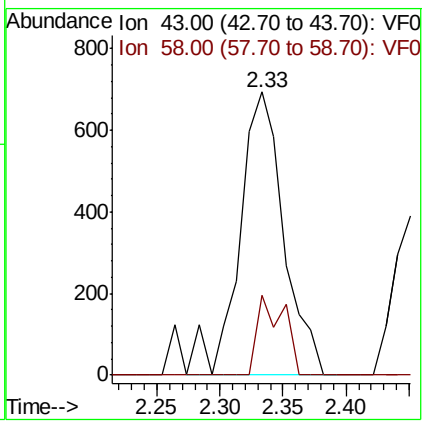


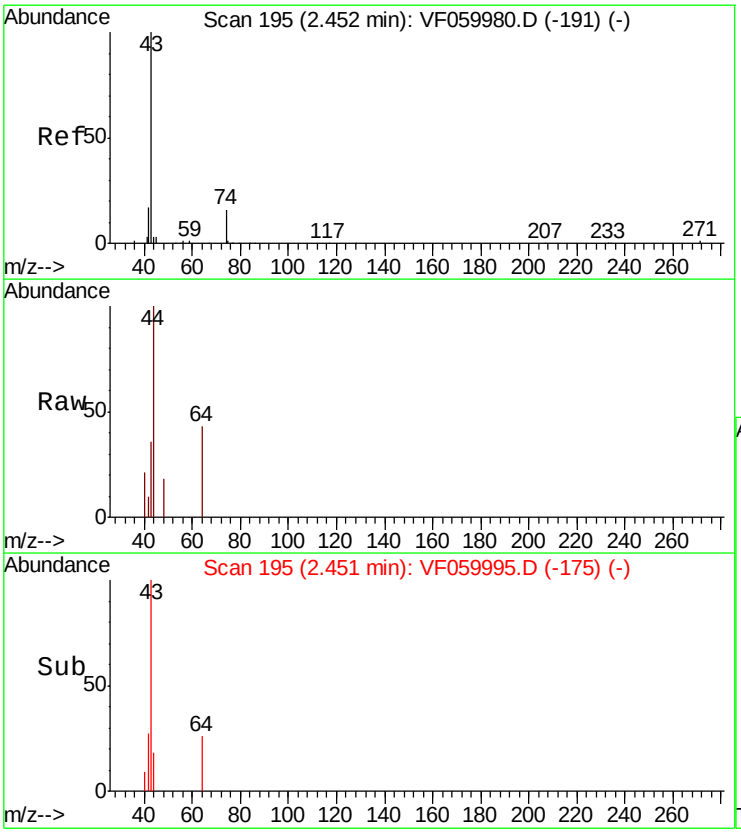
#16
Acetone
Concen: Below Cal
RT: 2.33 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Instrument : MSVOA_F
ClientSampleId : RA-081418-FL-028

Tgt Ion: 43 Resp: 1700

Ion	Ratio	Lower	Upper
43	100		
58	28.0	11.9	17.9#

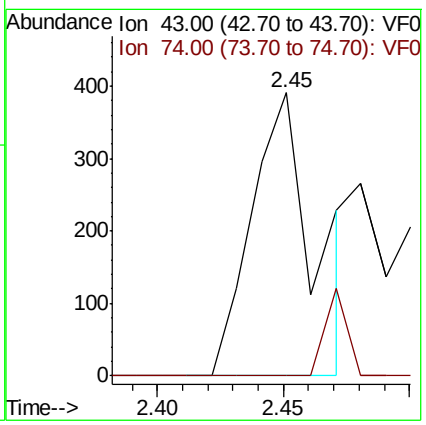


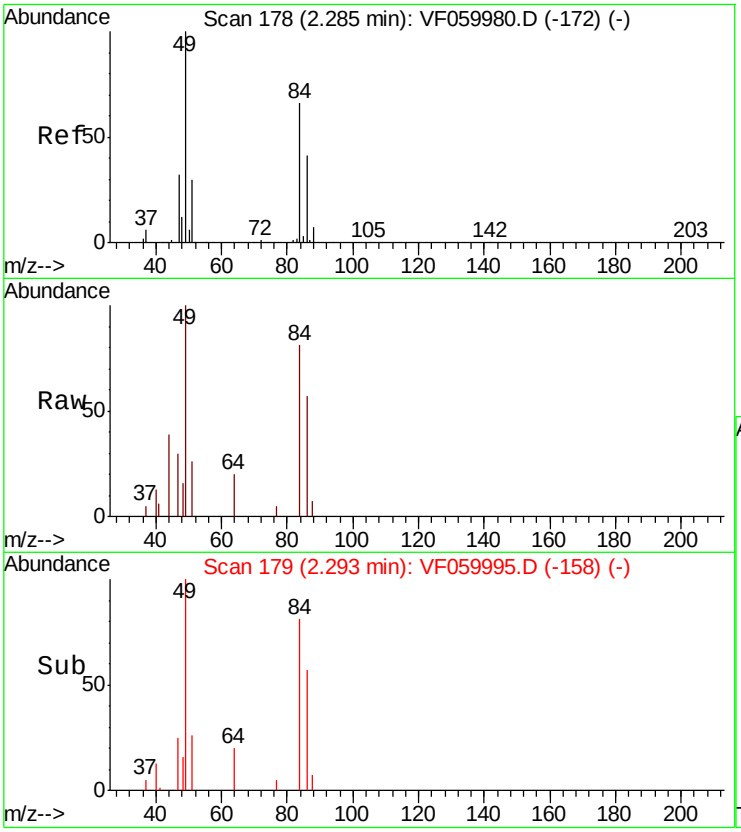


#18
Methyl Acetate
Concen: Below Cal
RT: 2.45 min Scan# 195
Delta R.T. -0.00 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Tgt Ion: 43 Resp: 679

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.3	18.5#



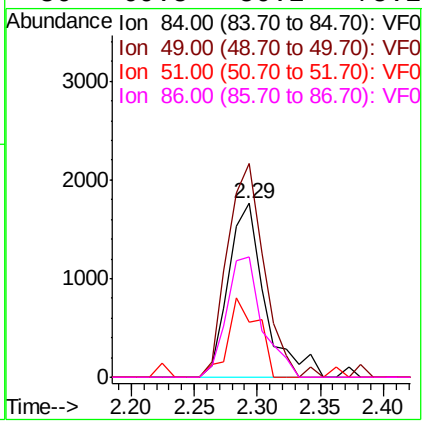


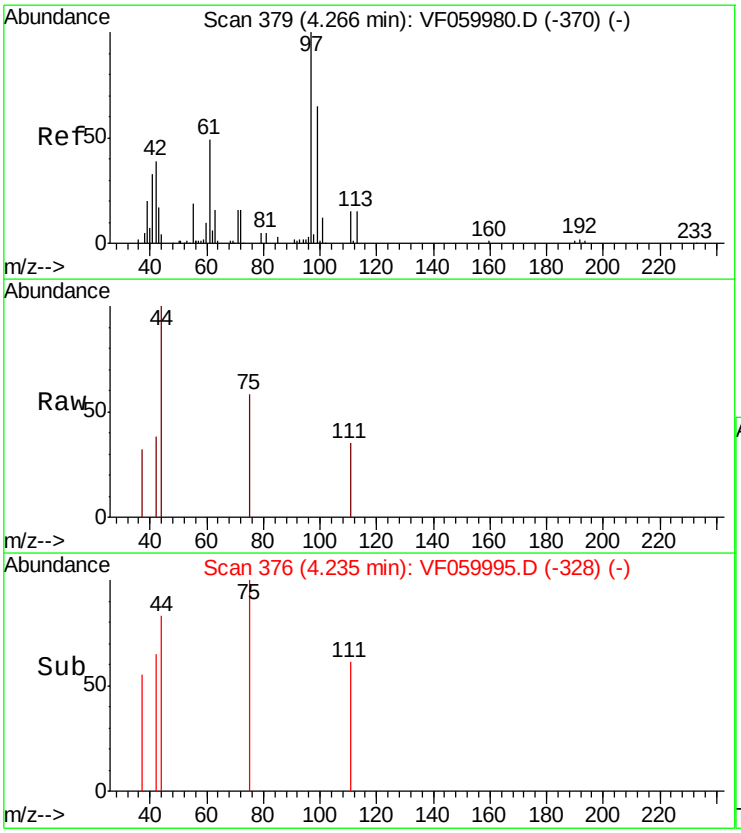
#20
Methylene Chloride
Concen: 4.813 ug/l
RT: 2.29 min Scan# 179
Delta R.T. 0.01 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Instrument :
MSVOA_F
ClientSampleId :
RA-081418-FL-028

Tgt Ion: 84 Resp: 3518

Ion	Ratio	Lower	Upper
84	100		
49	122.8	122.5	183.7
51	31.8	37.1	55.7#
86	69.5	50.2	75.2

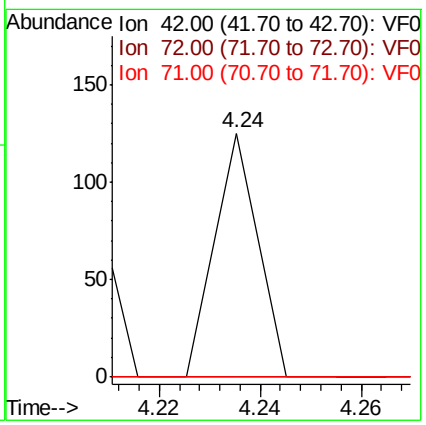


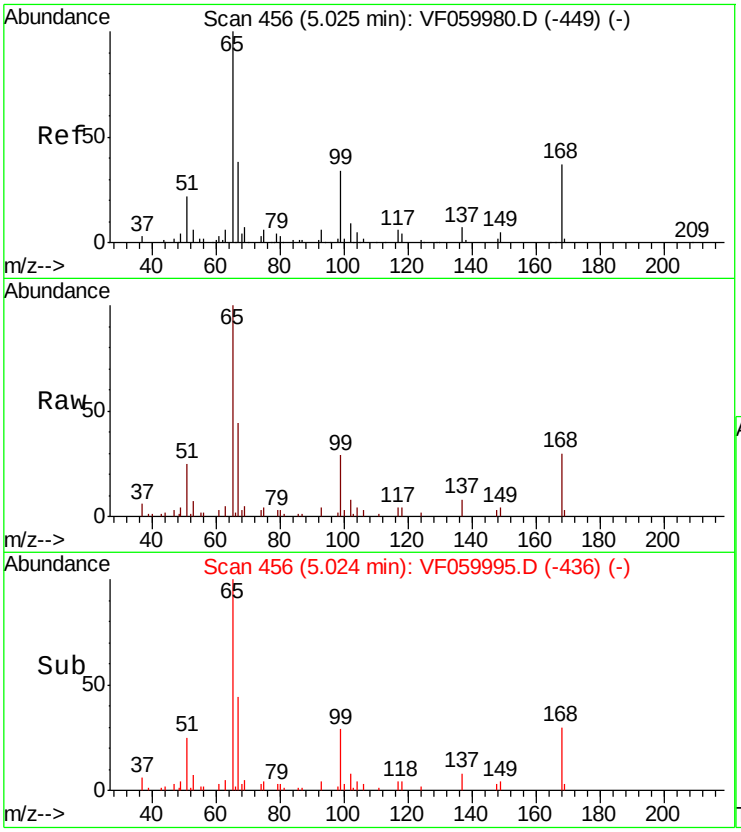


#29
Tetrahydrofuran
Concen: 1.147 ug/l
RT: 4.24 min Scan# 376
Delta R.T. -0.03 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Tgt Ion: 42 Resp: 74

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.8	44.6#
71	0.0	29.0	43.4#



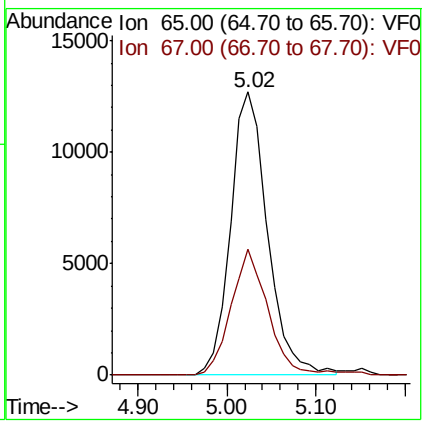


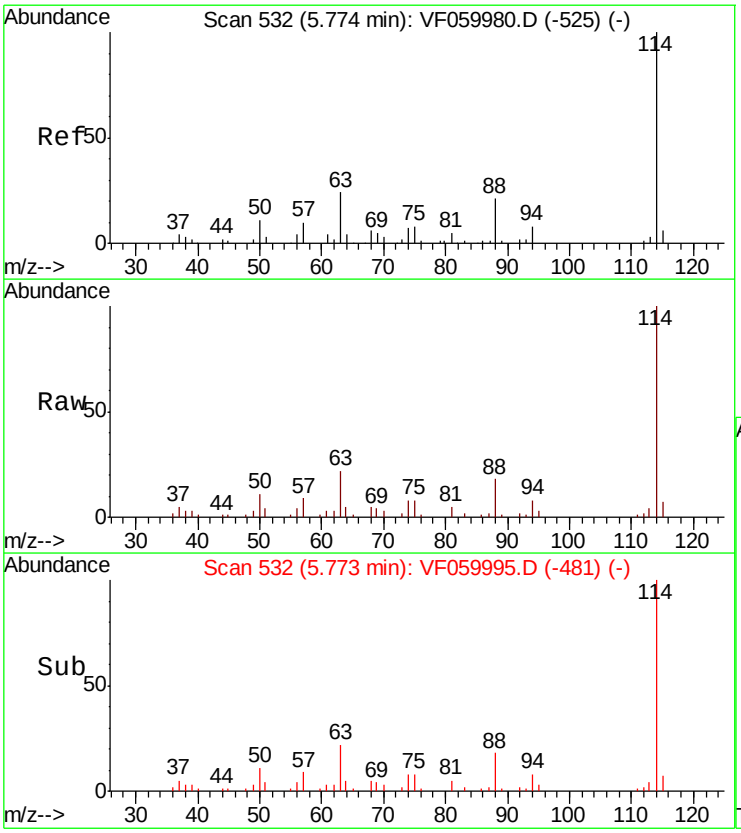
#33
1,2-Dichloroethane-d4
Concen: 49.003 ug/l
RT: 5.02 min Scan# 456
Delta R.T. -0.00 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Instrument :
MSVOA_F
ClientSampleId :
RA-081418-FL-028

Tgt Ion: 65 Resp: 36636

Ion	Ratio	Lower	Upper
65	100		
67	44.3	0.0	82.6

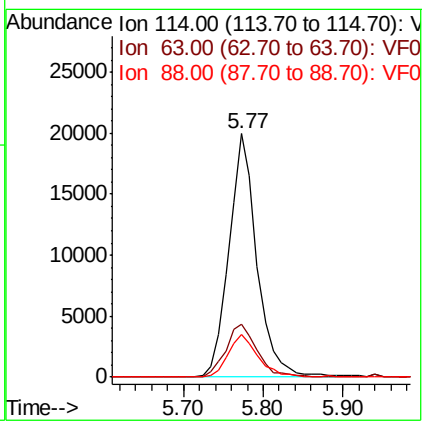


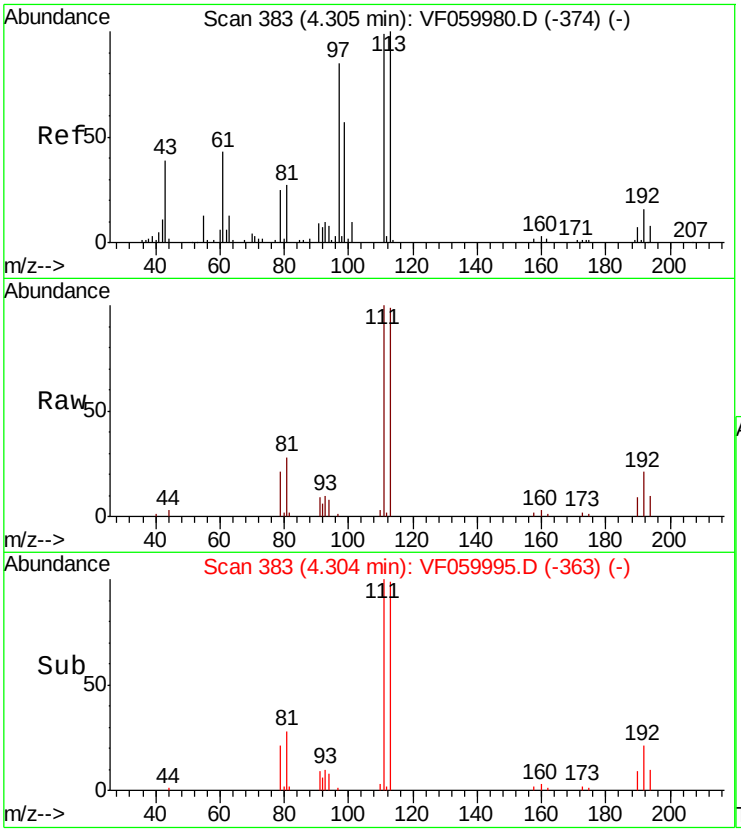


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 532
Delta R.T. -0.00 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Tgt Ion:114 Resp: 48985

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	48.6
88	17.6	0.0	42.8



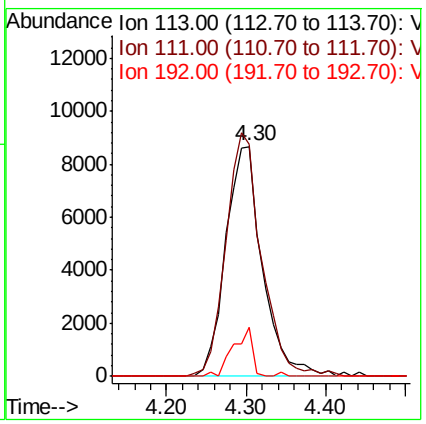


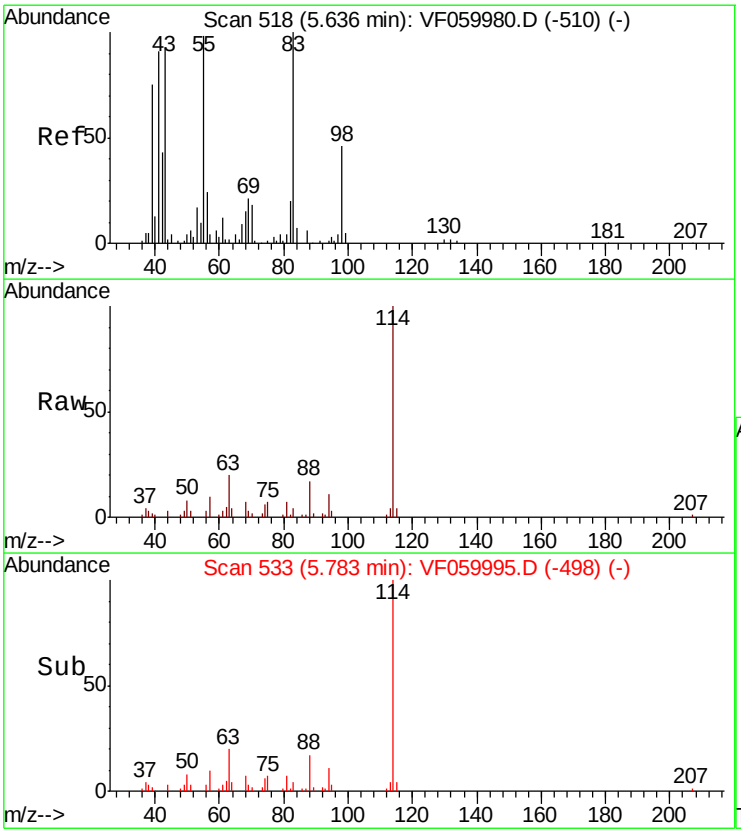
#35
Dibromofluoromethane
Concen: 55.677 ug/l
RT: 4.30 min Scan# 383
Delta R.T. -0.00 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Instrument :
MSVOA_F
ClientSampleId :
RA-081418-FL-028

Tgt Ion:113 Resp: 27874

Ion	Ratio	Lower	Upper
113	100		
111	101.2	79.5	119.3
192	21.3	12.4	18.6#

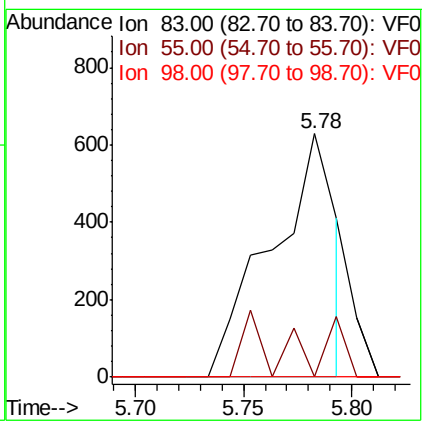


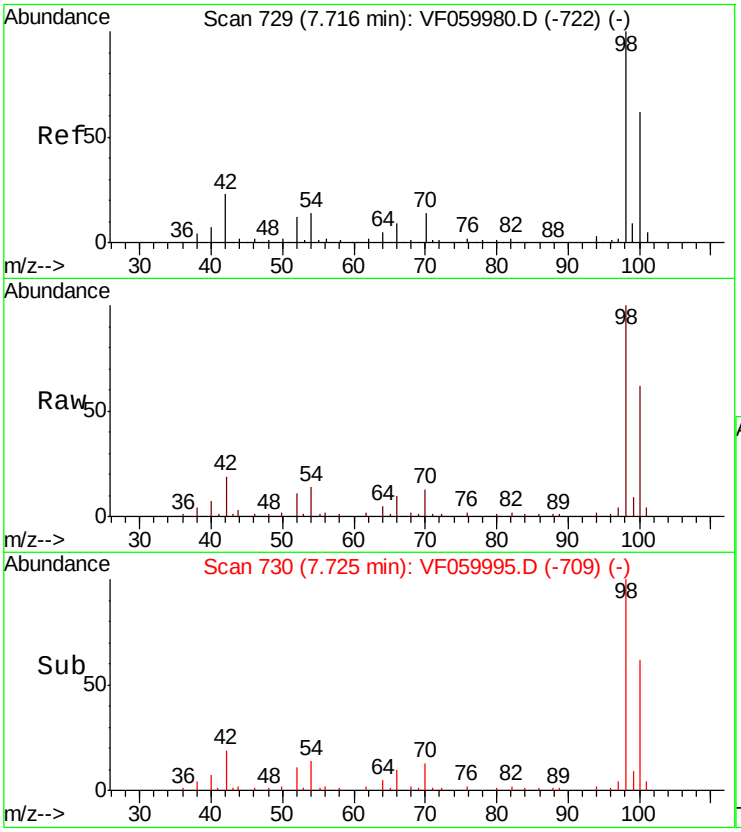


#39
Methylcyclohexane
Concen: 3.118 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.15 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Tgt Ion: 83 Resp: 1305

Ion	Ratio	Lower	Upper
83	100		
55	0.0	78.8	118.2#
98	0.0	36.8	55.2#



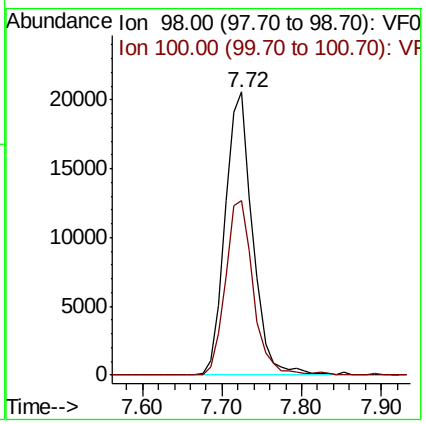


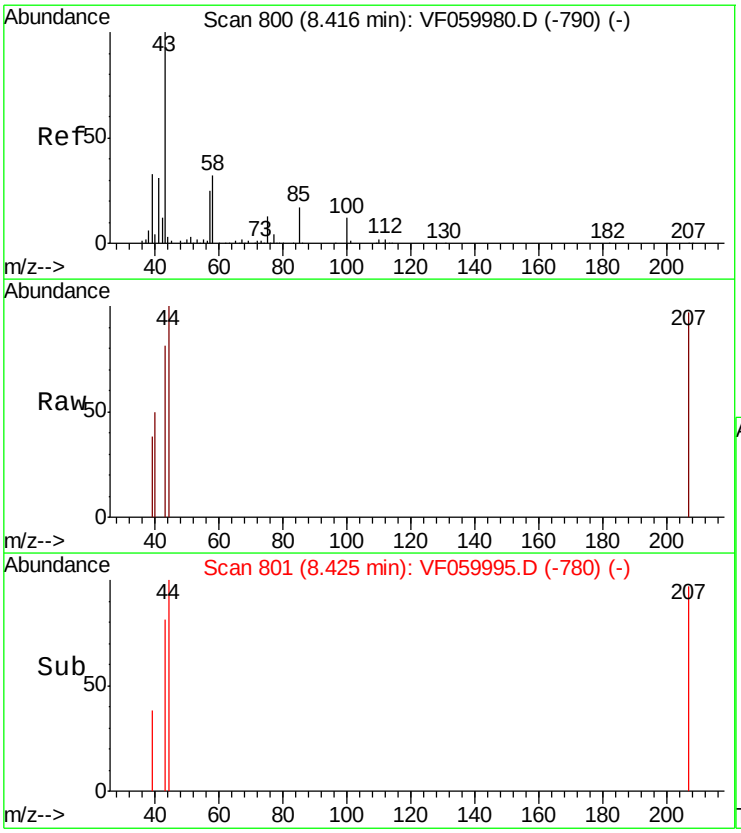
#50
Toluene-d8
Concen: 44.552 ug/l
RT: 7.72 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Instrument :
MSVOA_F
ClientSampleId :
RA-081418-FL-028

Tgt Ion: 98 Resp: 49600

Ion	Ratio	Lower	Upper
98	100		
100	61.7	49.8	74.8

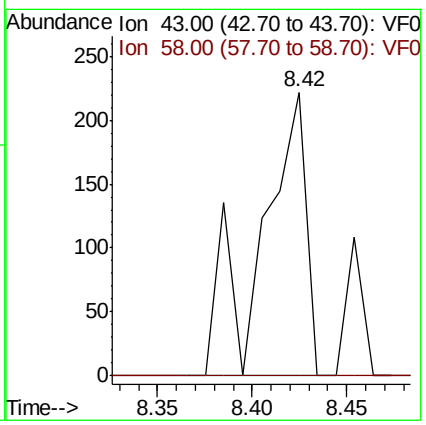


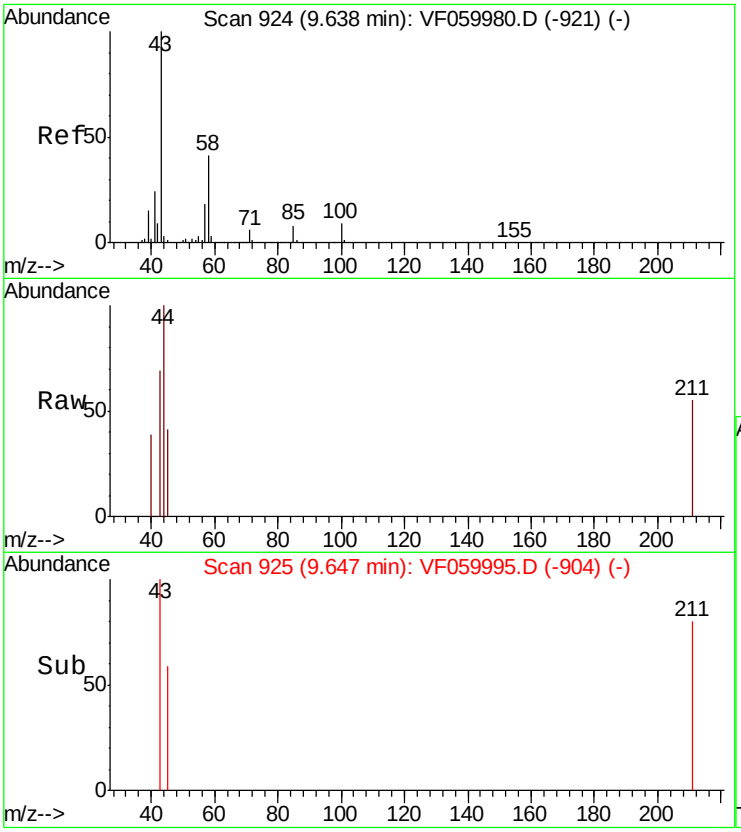


#51
4-Methyl-2-Pentanone
Concen: 1.170 ug/l
RT: 8.42 min Scan# 801
Delta R.T. 0.01 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Tgt Ion: 43 Resp: 371

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.6	38.4#



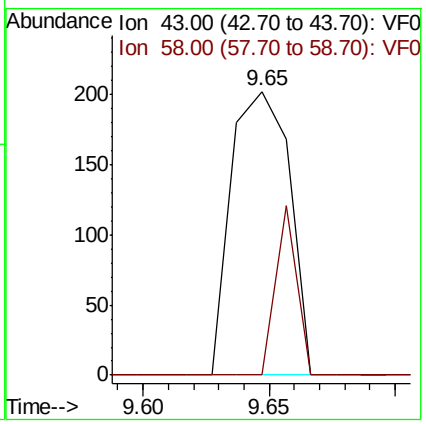


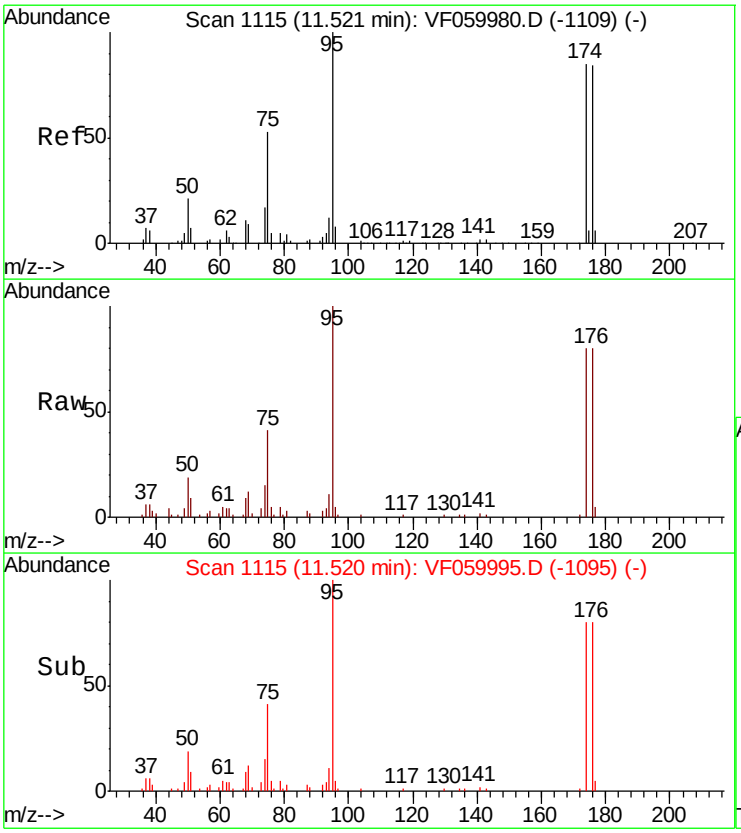
#59
2-Hexanone
Concen: 1.241 ug/l
RT: 9.65 min Scan# 925
Delta R.T. 0.01 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Instrument :
MSVOA_F
ClientSampleId :
RA-081418-FL-028

Tgt Ion: 43 Resp: 325

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.1	60.3#

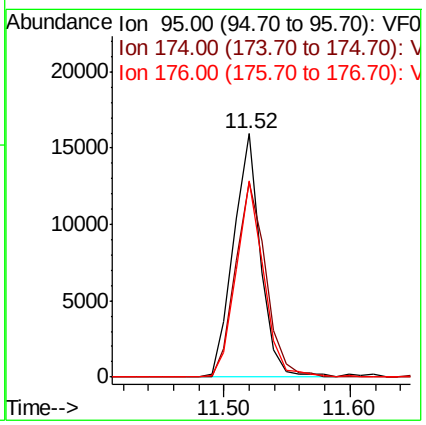


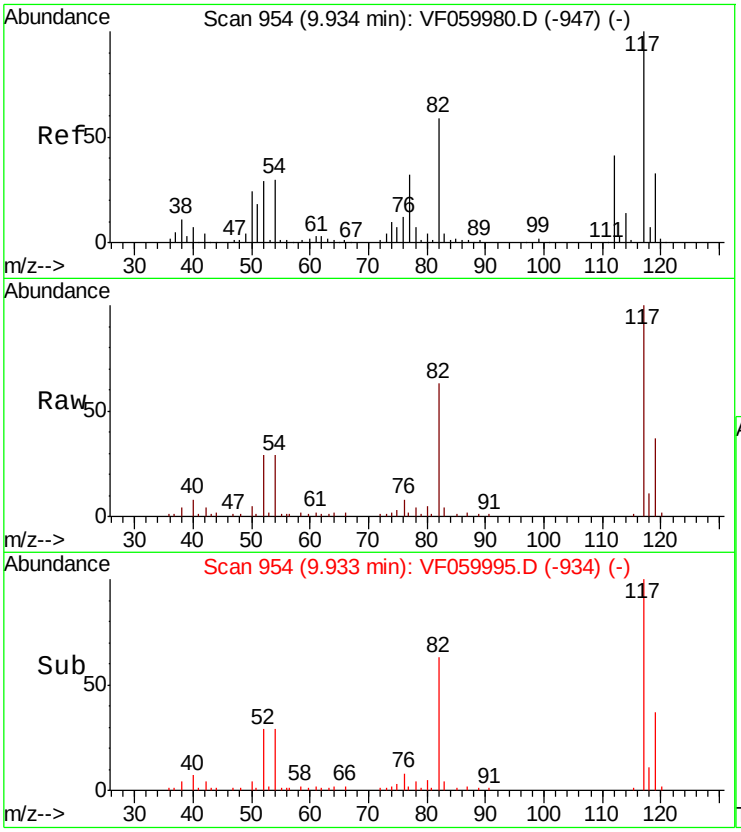


#62
4-Bromofluorobenzene
Concen: 34.537 ug/l
RT: 11.52 min Scan# 1115
Delta R.T. -0.00 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Tgt Ion: 95 Resp: 23596

Ion	Ratio	Lower	Upper
95	100		
174	80.1	0.0	169.8
176	80.4	0.0	167.8



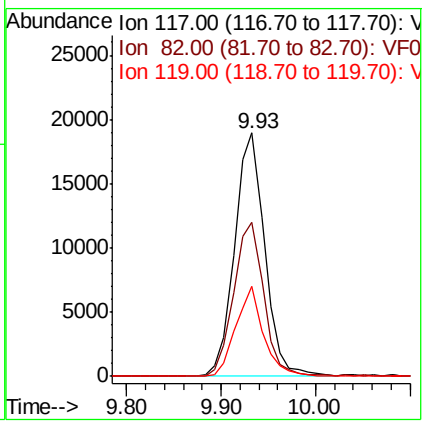


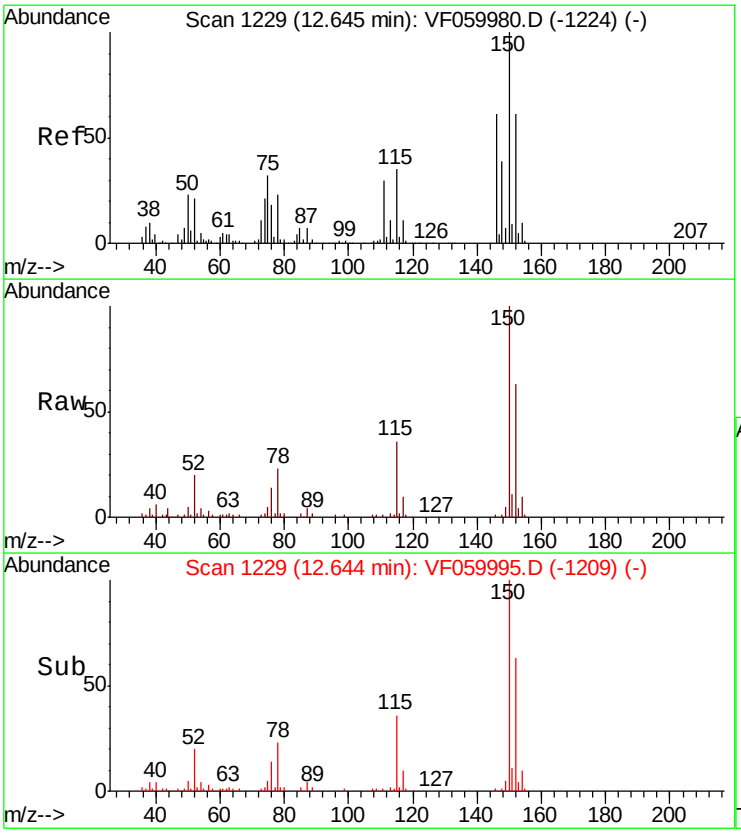
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 954
Delta R.T. -0.00 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Instrument :
MSVOA_F
ClientSampleId :
RA-081418-FL-028

Tgt Ion:117 Resp: 41742

Ion	Ratio	Lower	Upper
117	100		
82	63.2	47.2	70.8
119	36.9	26.1	39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Tgt Ion:152 Resp: 27653

Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.1	87.3
150	159.7	0.0	330.2