Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF071818\
Data File : VF059536.D
Acq On : 19 Jul 2018 2:17
Operator : VA/AP
Sample : J3982-05
Misc : 11.58g/5mL/MSVOA_F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jul 19 05:55:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	239786	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.76	114	324539	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	301951	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.63	152	165275	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	183509	49.21	ug/l	-0.03
Spiked Amount 50.000			Recovery = 98.42%			
35) Dibromofluoromethane	4.28	113	155835	55.44	ug/l	-0.03
Spiked Amount 50.000			Recovery = 110.88%			
50) Toluene-d8	7.70	98	253574	35.81	ug/l	-0.03
Spiked Amount 50.000			Recovery = 71.62%			
62) 4-Bromofluorobenzene	11.50	95	152487	41.05	ug/l	-0.02
Spiked Amount 50.000			Recovery = 82.10%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.68	59	588	Below Cal	#	74
13) Acrolein	2.08	56	192	Below Cal	#	53
15) Acrylonitrile	3.07	53	1157	3.698	ug/l #	64
16) Acetone	2.33	43	3897	Below Cal	#	89
18) Methyl Acetate	2.46	43	3315	Below Cal	#	91
20) Methylene Chloride	2.31	84	4286	Below Cal	#	85
25) 2-Butanone	4.50	43	2133	2.464	ug/l	99
29) Tetrahydrofuran	4.27	42	571	Below Cal	#	63
37) Ethyl Acetate	4.28	43	1100	Below Cal	#	41
49) 1,4-Dioxane	6.87	88	77	Below Cal	#	15
51) 4-Methyl-2-Pentanone	8.39	43	6817	4.120	ug/l #	79
59) 2-Hexanone	9.62	43	7753	6.200	ug/l	86
95) Naphthalene	14.52	128	11582	1.913	ug/l	96
96) 1,2,3-Trichlorobenzene	14.66	180	3077	1.169	ug/l	87

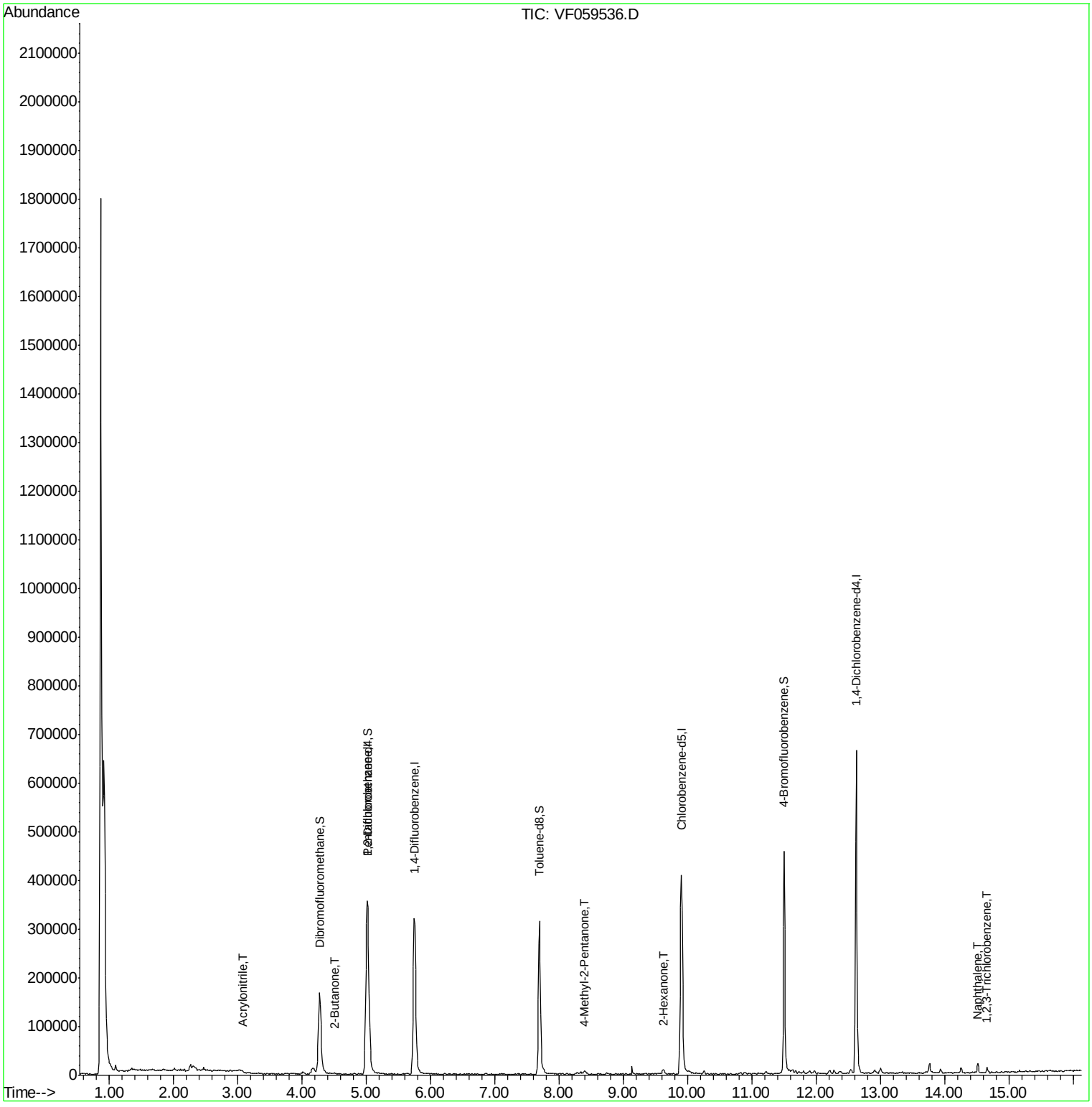
(#) = qualifier out of range (m) = manual integration (+) = signals summed

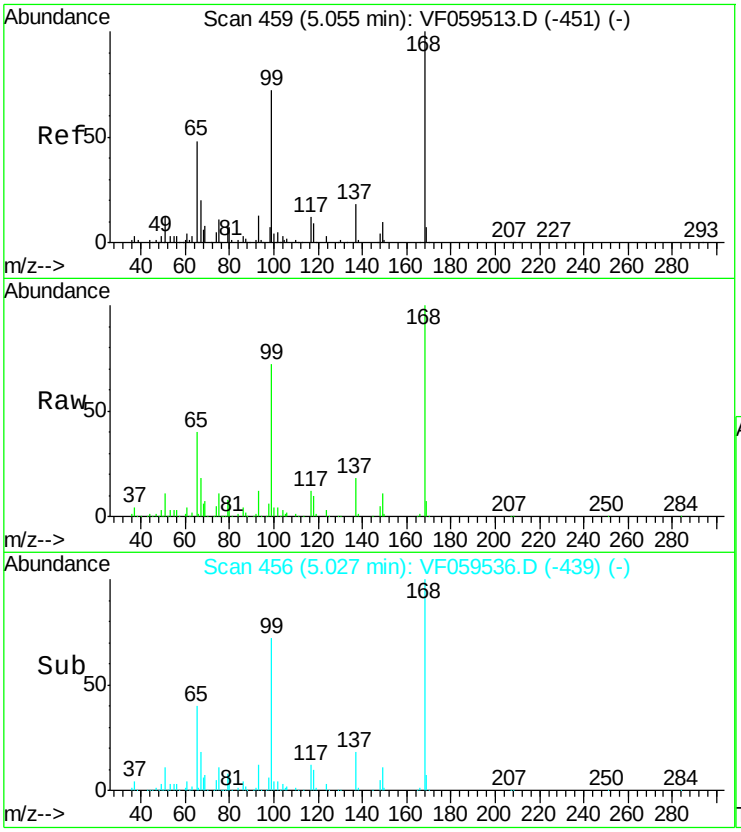
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
Data File : VF059536.D
Acq On : 19 Jul 2018 2:17
Operator : VA/AP
Sample : J3982-05
Misc : 11.58g/5mL/MSVOA F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jul 19 05:55:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration



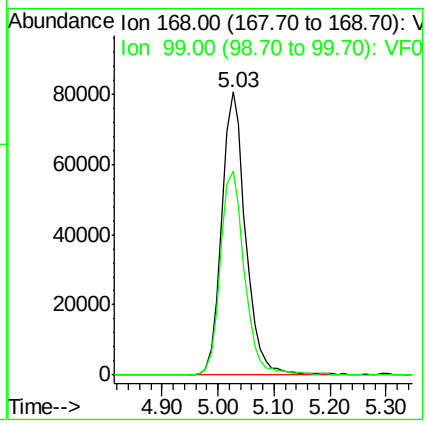


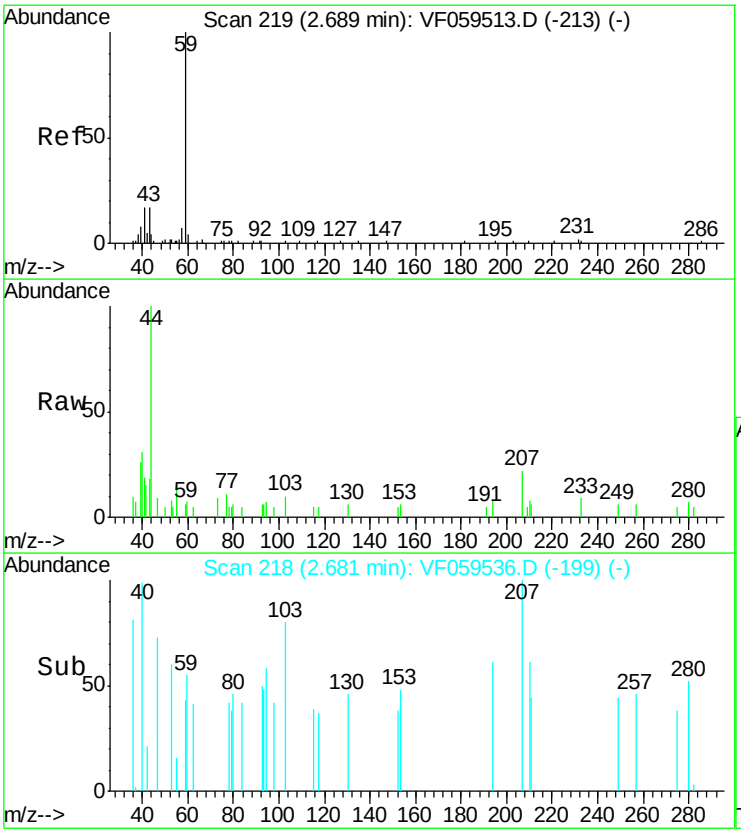
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.03 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 239786

Ion	Ratio	Lower	Upper
168	100		
99	72.0	57.6	86.4

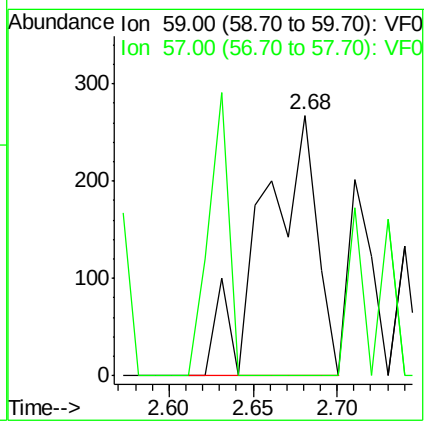


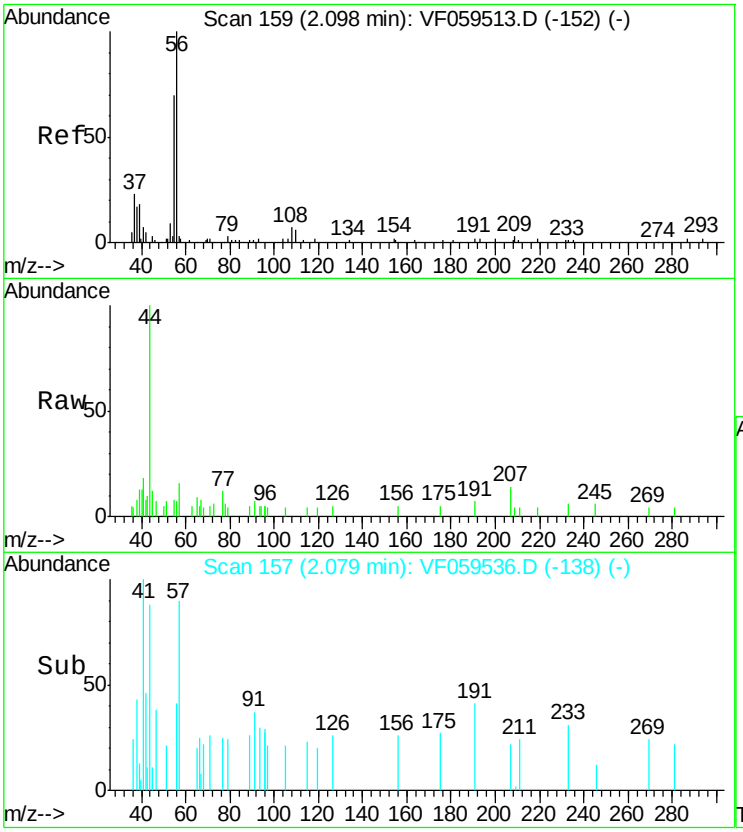


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.68 min Scan# 218
Delta R.T. -0.01 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Tgt Ion: 59 Resp: 588

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#



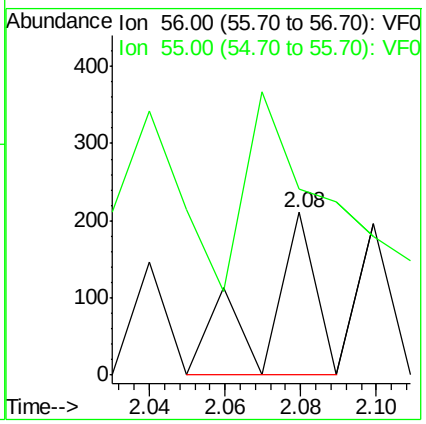


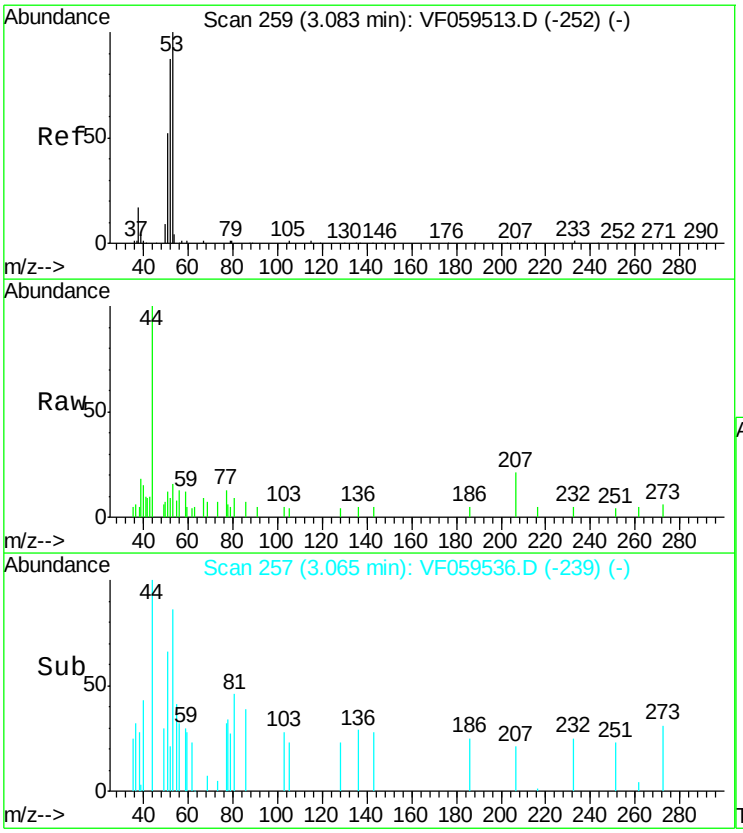
#13
Acrolein
Concen: Below Cal
RT: 2.08 min Scan# 157
Delta R.T. -0.02 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 192

Ion	Ratio	Lower	Upper
56	100		
55	114.2	59.4	89.2#

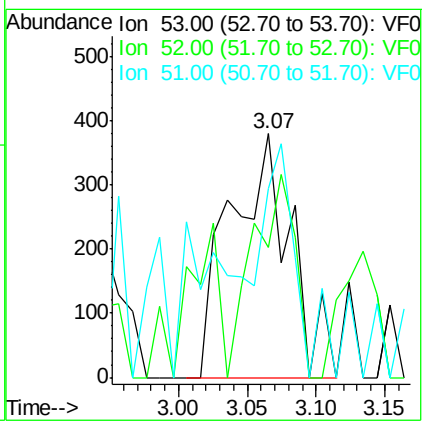


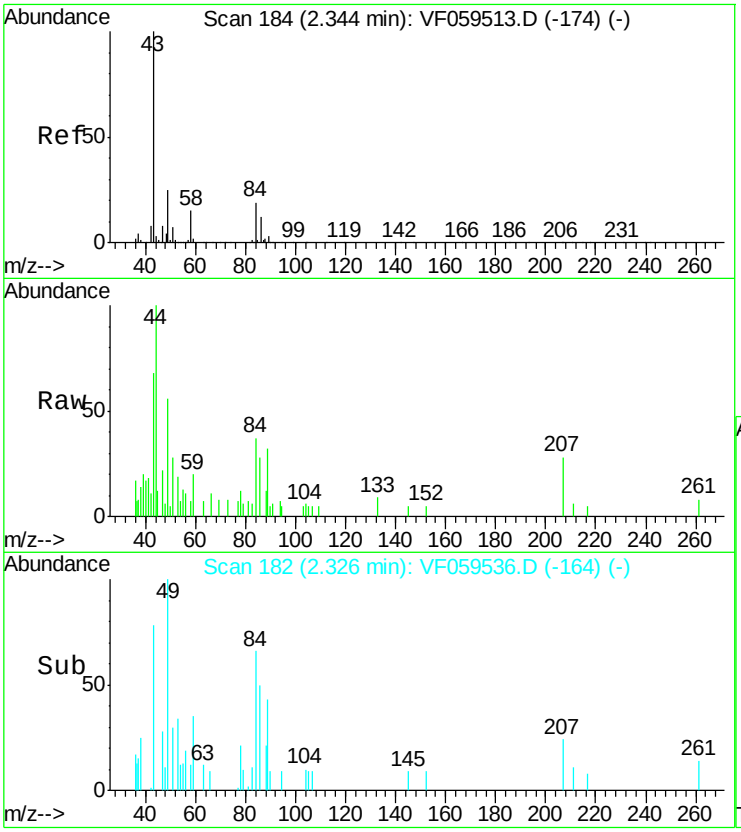


#15
Acrylonitrile
Concen: 3.698 ug/l
RT: 3.07 min Scan# 257
Delta R.T. -0.02 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Tgt Ion: 53 Resp: 1157

Ion	Ratio	Lower	Upper
53	100		
52	53.4	70.1	105.1#
51	77.4	42.5	63.7#



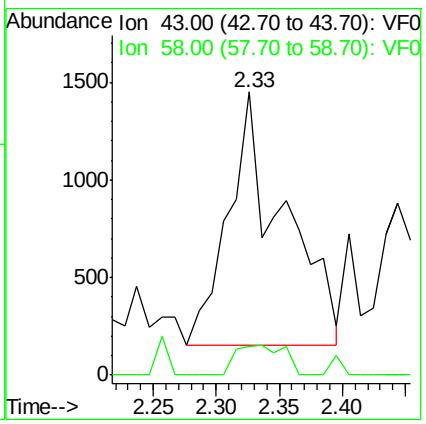


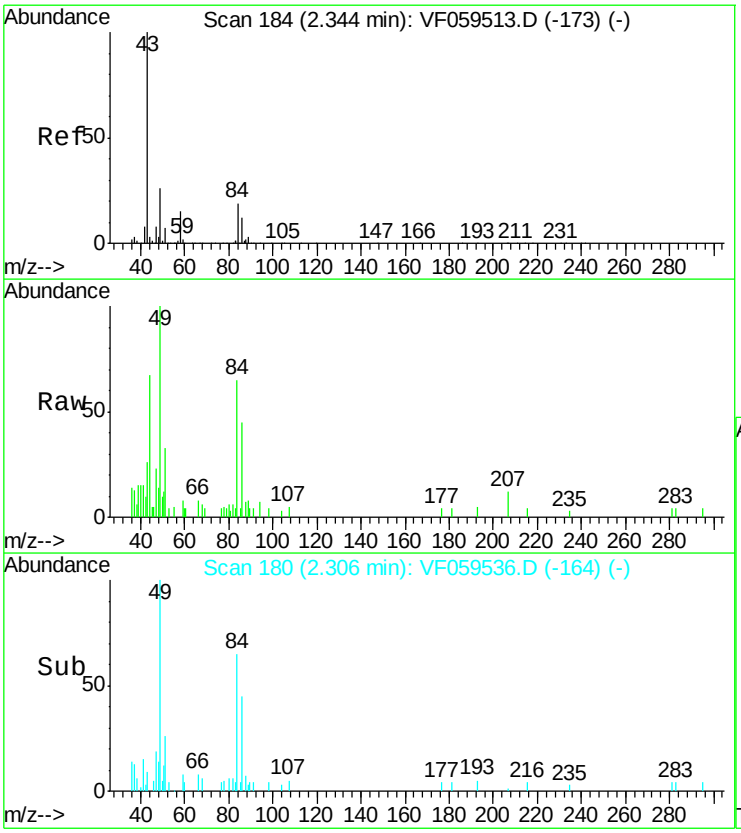
#16
Acetone
Concen: Below Cal
RT: 2.33 min Scan# 182
Delta R.T. -0.02 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3897

Ion	Ratio	Lower	Upper
43	100		
58	10.2	11.8	17.6#

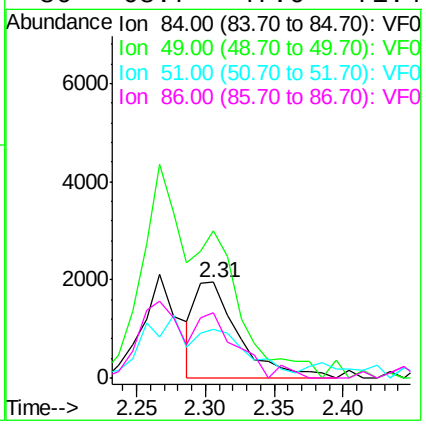


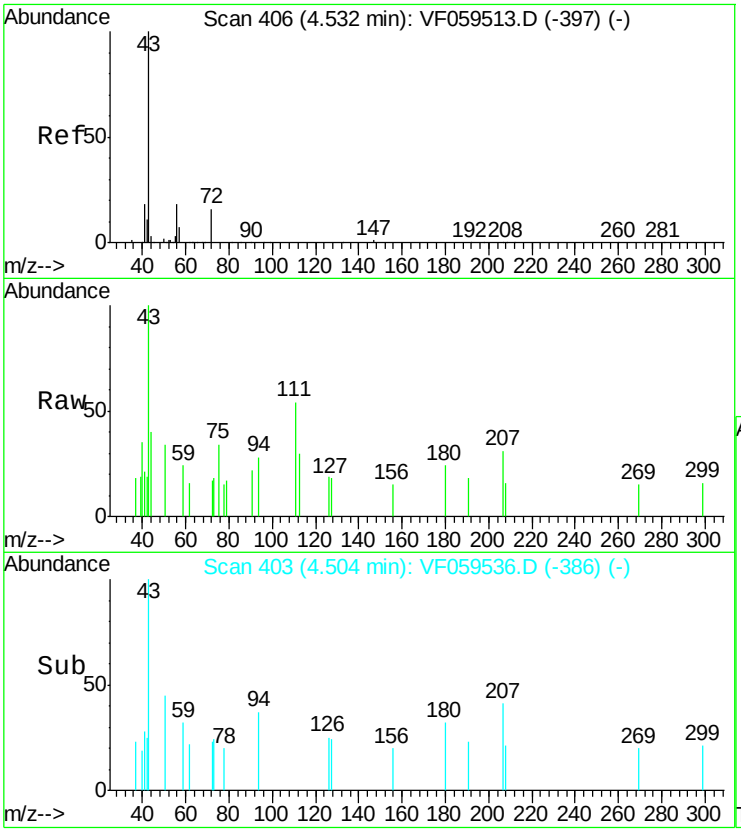


#20
Methylene Chloride
Concen: Below Cal
RT: 2.31 min Scan# 180
Delta R.T. -0.04 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Tgt Ion: 84 Resp: 4286

Ion	Ratio	Lower	Upper
84	100		
49	153.9	109.4	164.2
51	51.2	30.5	45.7#
86	68.7	47.6	71.4



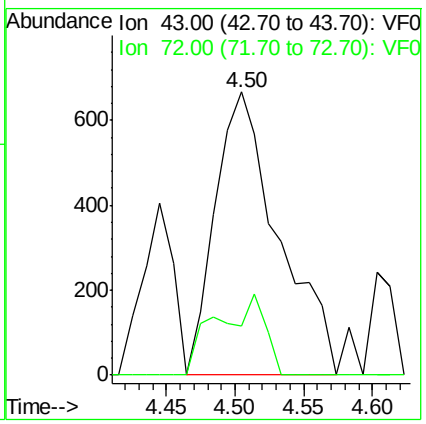


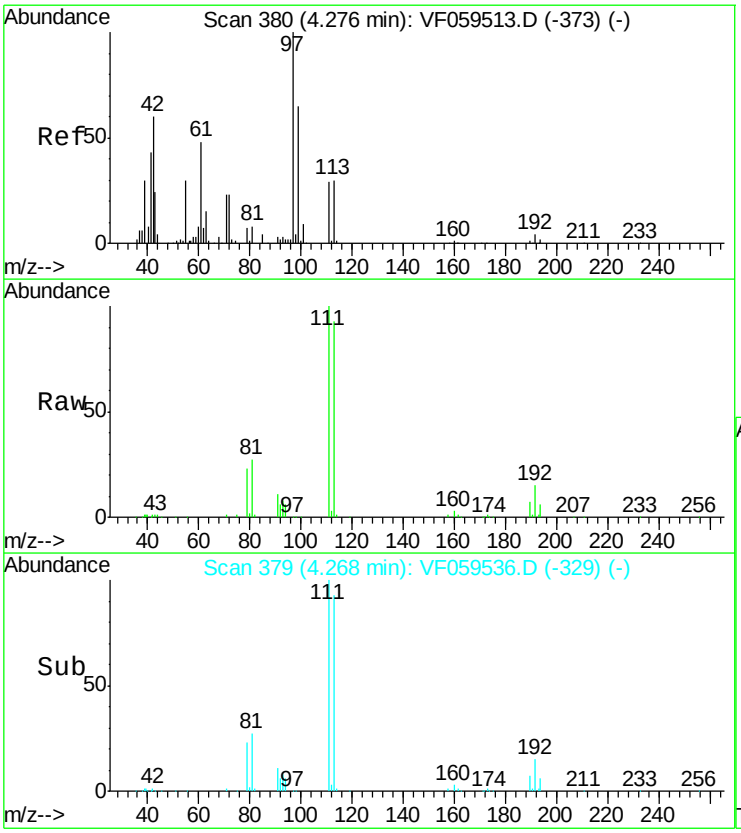
#25
2-Butanone
Concen: 2.464 ug/l
RT: 4.50 min Scan# 403
Delta R.T. -0.03 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2133

Ion	Ratio	Lower	Upper
43	100		
72	17.4	14.2	21.4

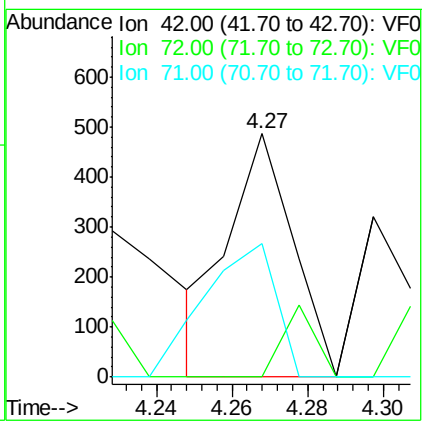


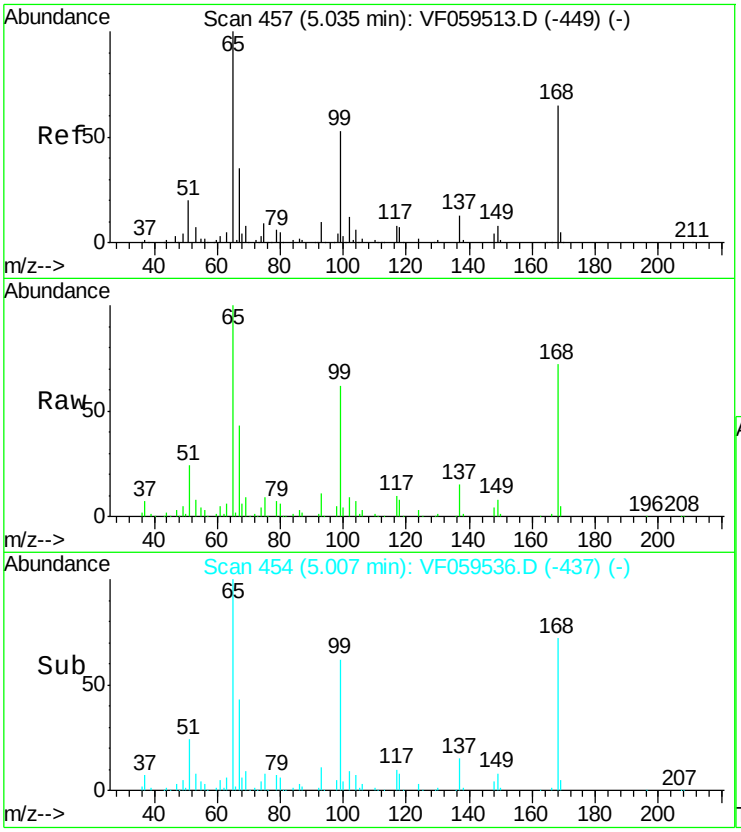


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.27 min Scan# 379
Delta R.T. -0.01 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Tgt Ion: 42 Resp: 571

Ion	Ratio	Lower	Upper
42	100		
72	14.9	28.7	43.1#
71	61.8	30.8	46.2#



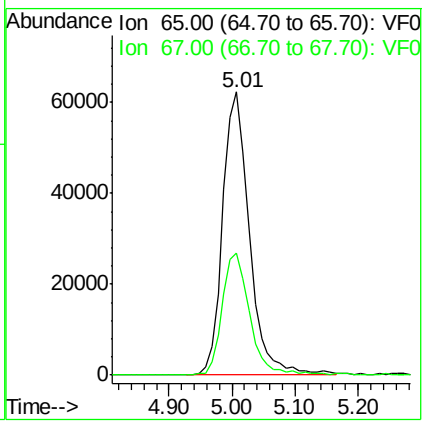


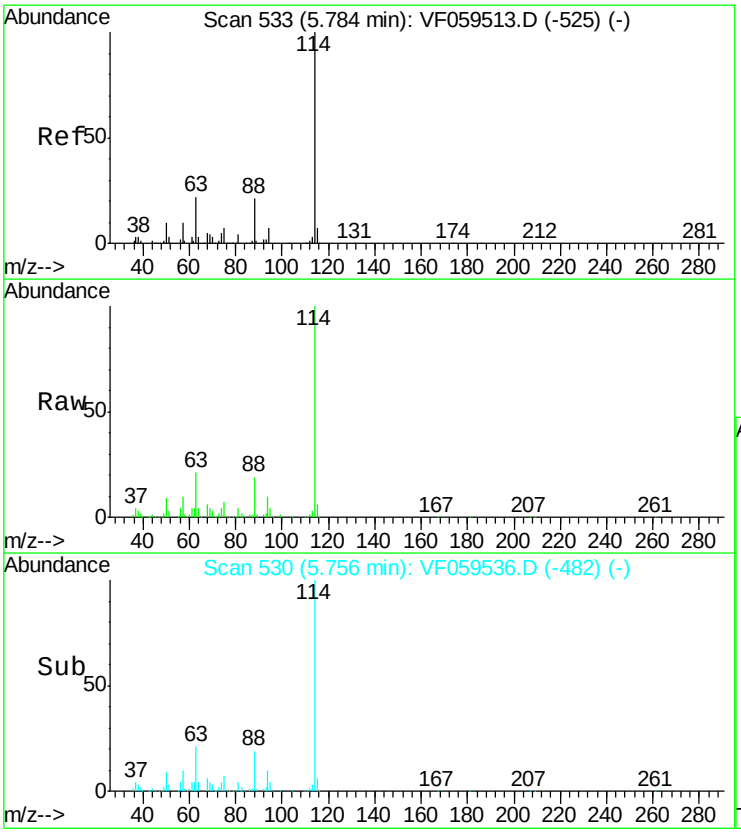
#33
1,2-Dichloroethane-d4
Concen: 49.208 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.03 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 183509

Ion	Ratio	Lower	Upper
65	100		
67	43.4	0.0	91.2

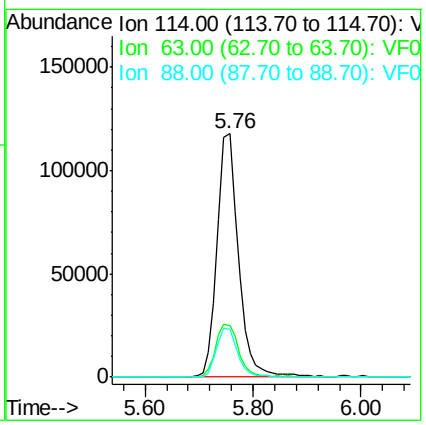


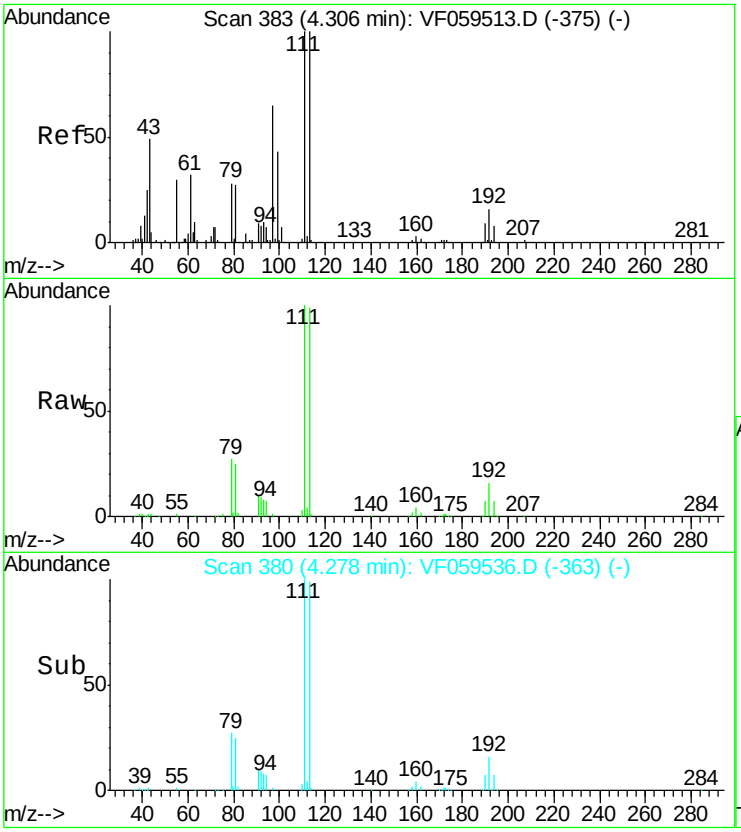


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 530
Delta R.T. -0.03 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Tgt Ion:114 Resp: 324539

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.8
88	19.4	0.0	42.6



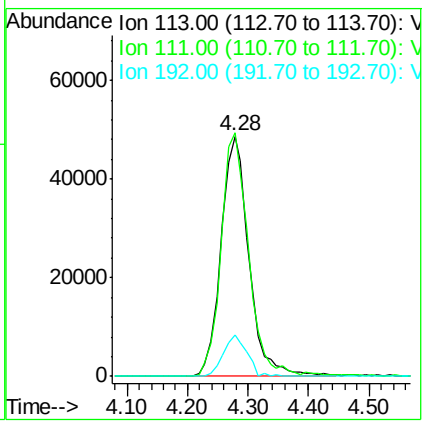


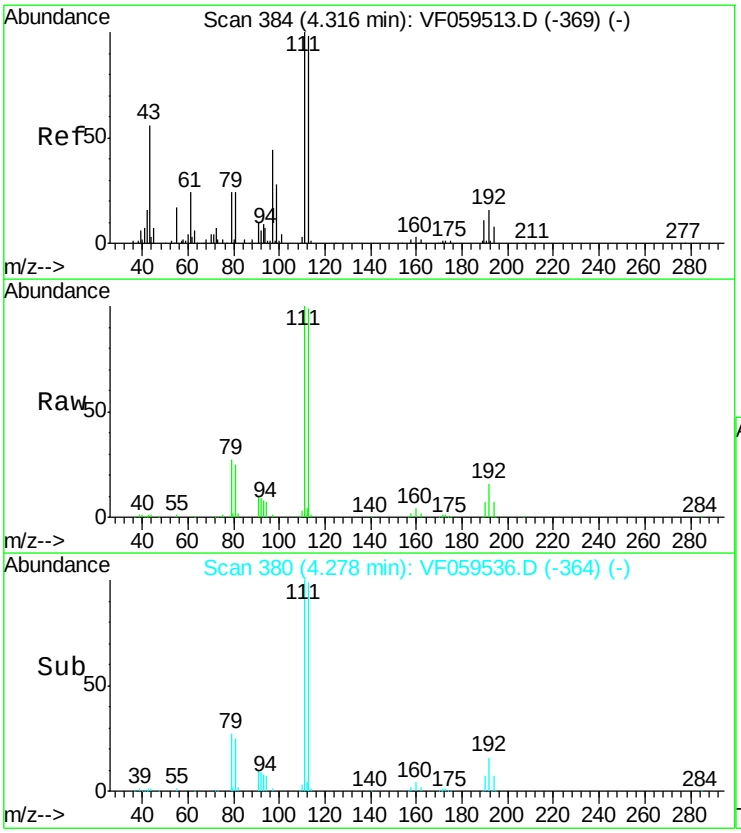
#35
Dibromofluoromethane
Concen: 55.442 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.03 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 155835

Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.3	120.5
192	17.0	13.1	19.7

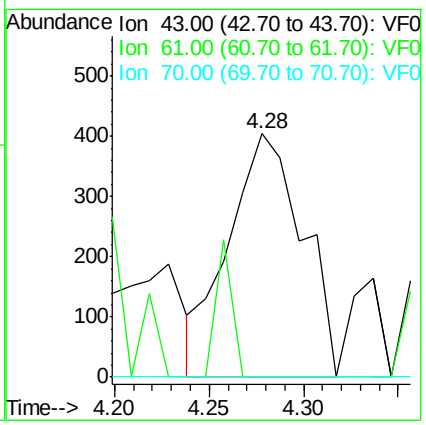


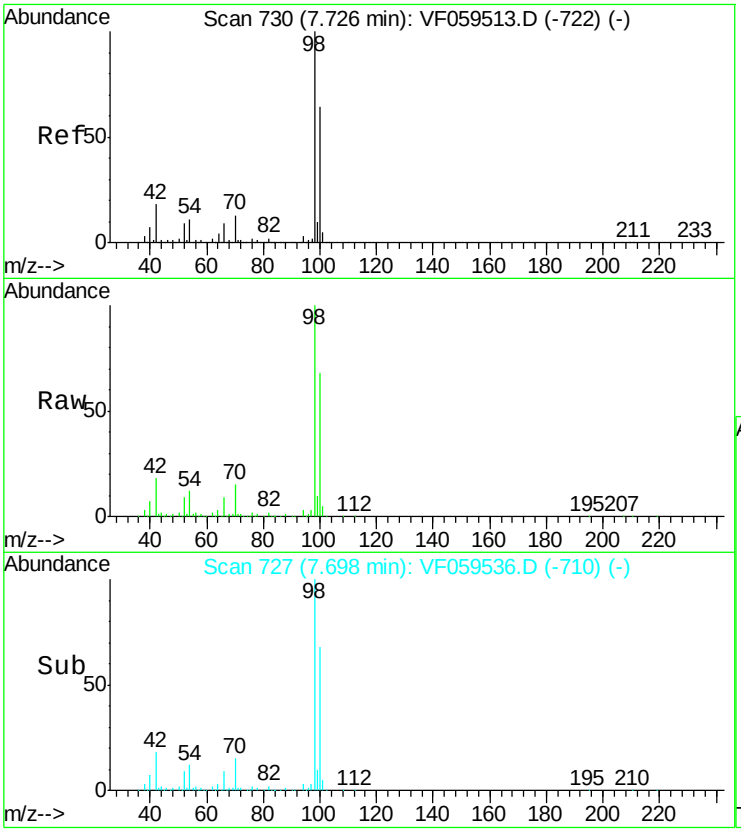


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.28 min Scan# 380
Delta R.T. -0.04 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Tgt Ion: 43 Resp: 1100

Ion	Ratio	Lower	Upper
43	100		
61	0.0	33.7	50.5#
70	0.0	7.4	11.0#



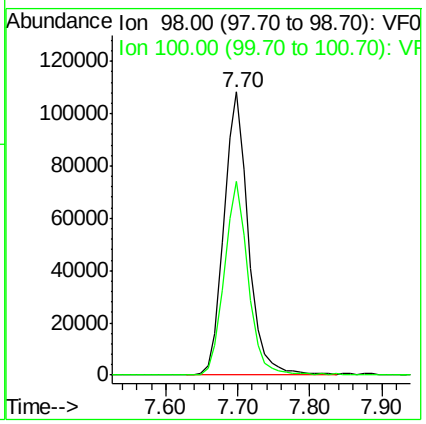


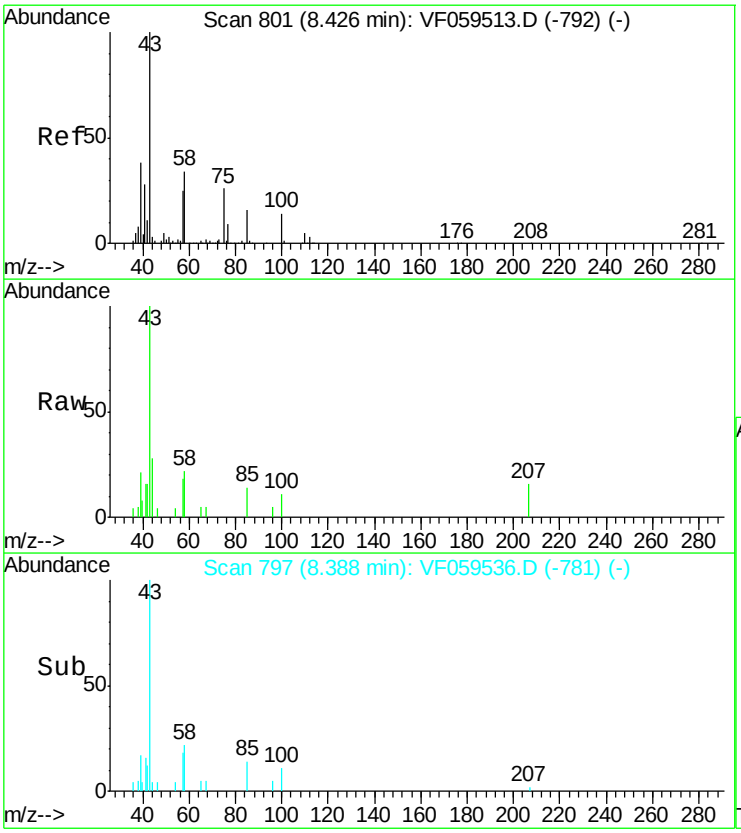
#50
Toluene-d8
Concen: 35.815 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 253574

Ion	Ratio	Lower	Upper
98	100		
100	68.4	50.9	76.3

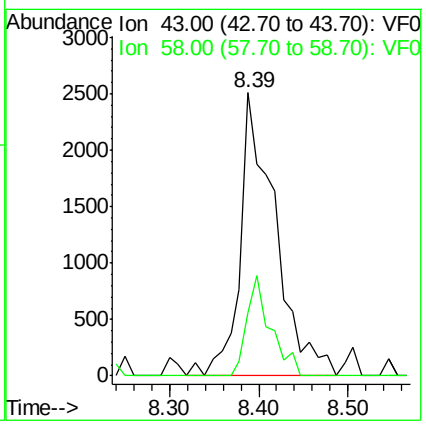


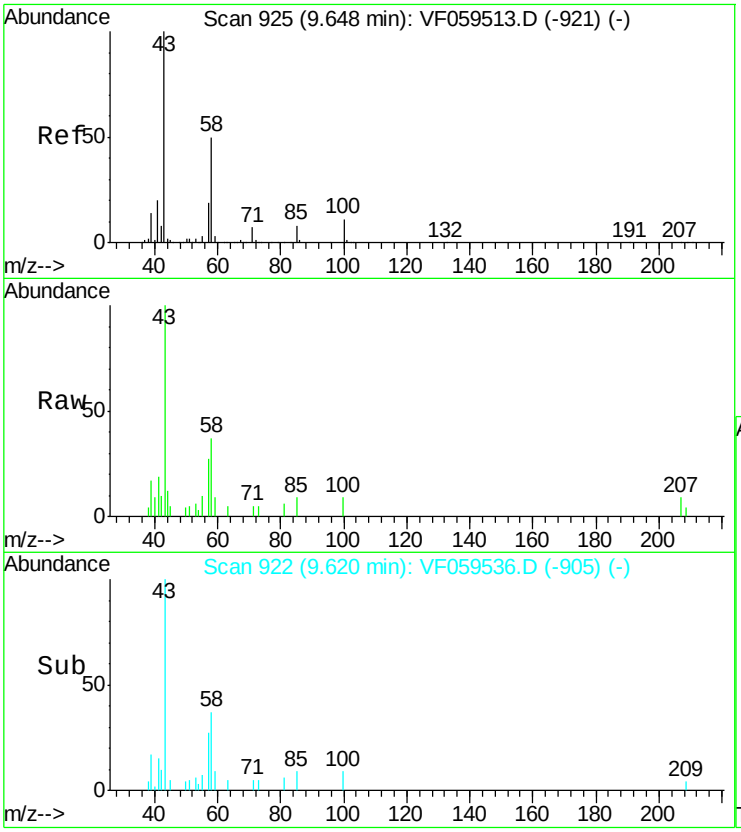


#51
4-Methyl-2-Pentanone
Concen: 4.120 ug/l
RT: 8.39 min Scan# 797
Delta R.T. -0.04 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Tgt Ion: 43 Resp: 6817

Ion	Ratio	Lower	Upper
43	100		
58	22.2	27.4	41.2#



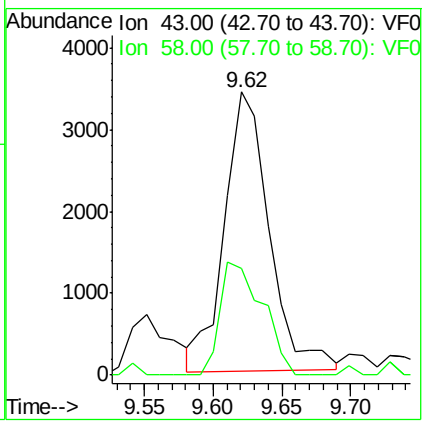


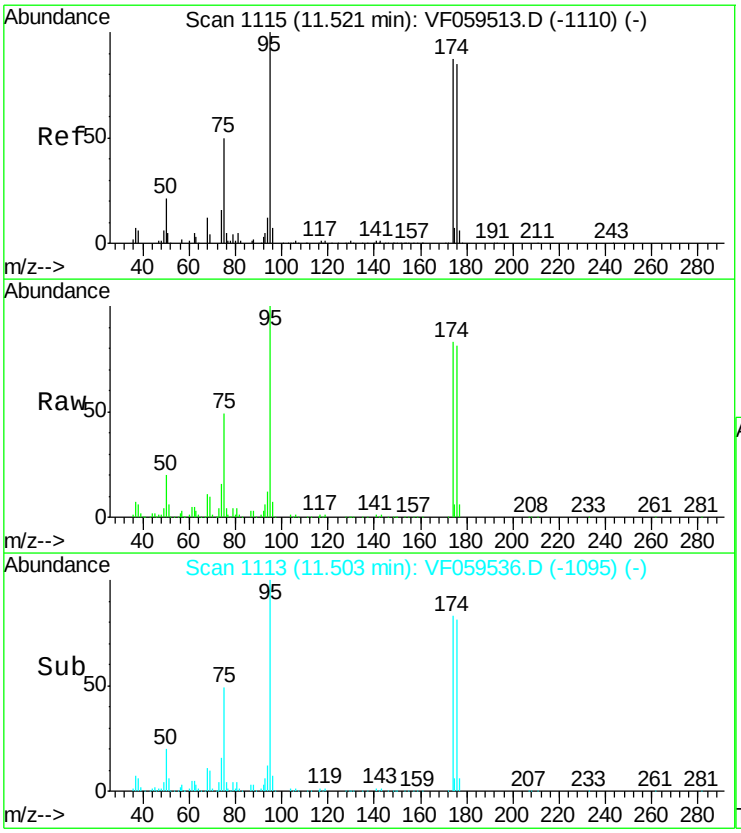
#59
2-Hexanone
Concen: 6.200 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.03 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 7753

Ion	Ratio	Lower	Upper
43	100		
58	37.5	23.3	69.9

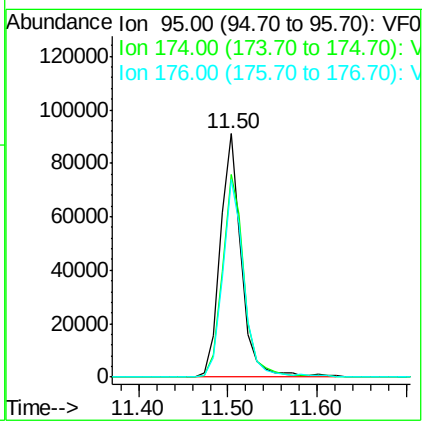


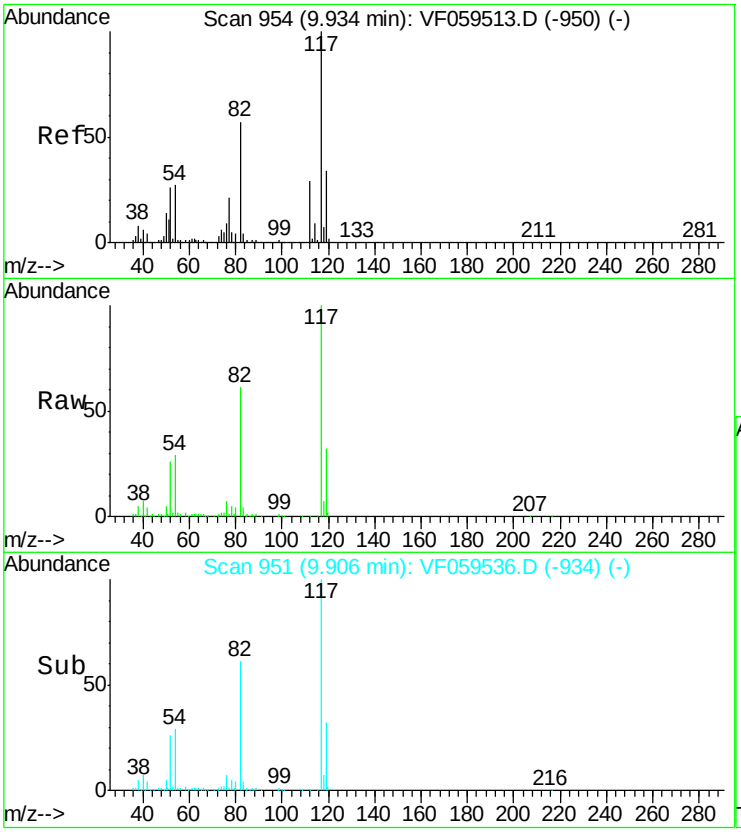


#62
4-Bromofluorobenzene
Concen: 41.055 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Tgt Ion: 95 Resp: 152487

Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	174.4
176	81.1	0.0	169.4



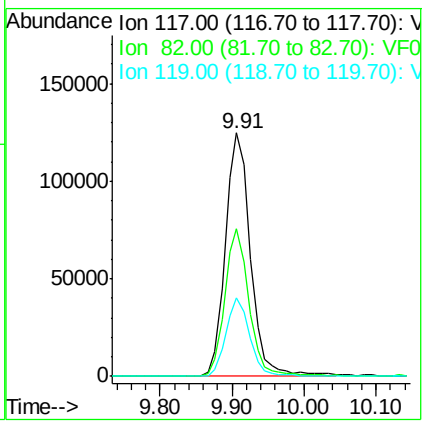


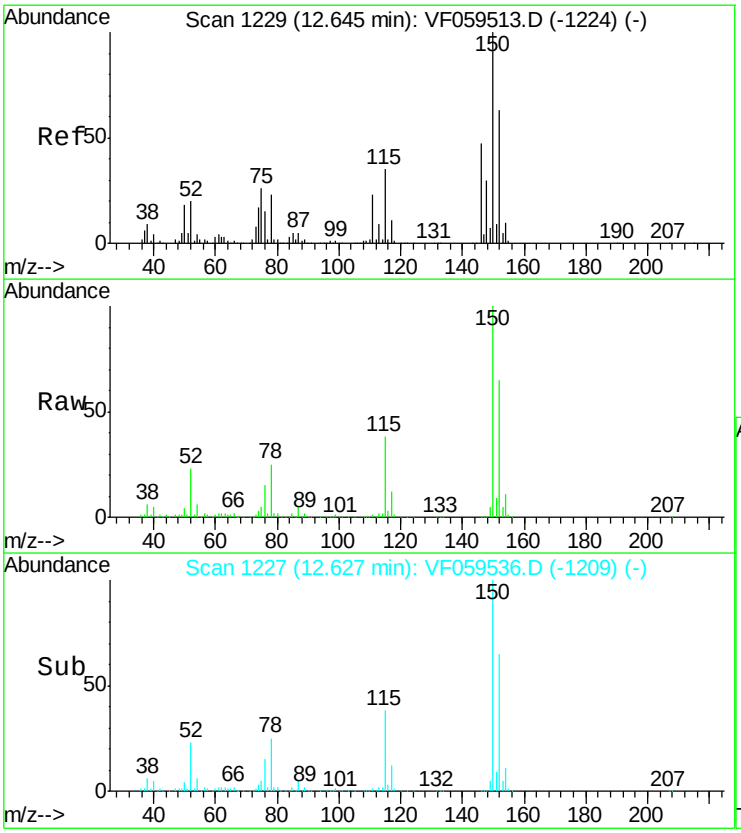
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 301951

Ion	Ratio	Lower	Upper
117	100		
82	60.9	46.1	69.1
119	32.4	27.2	40.8

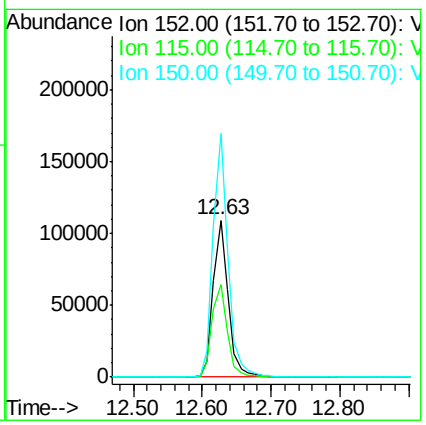


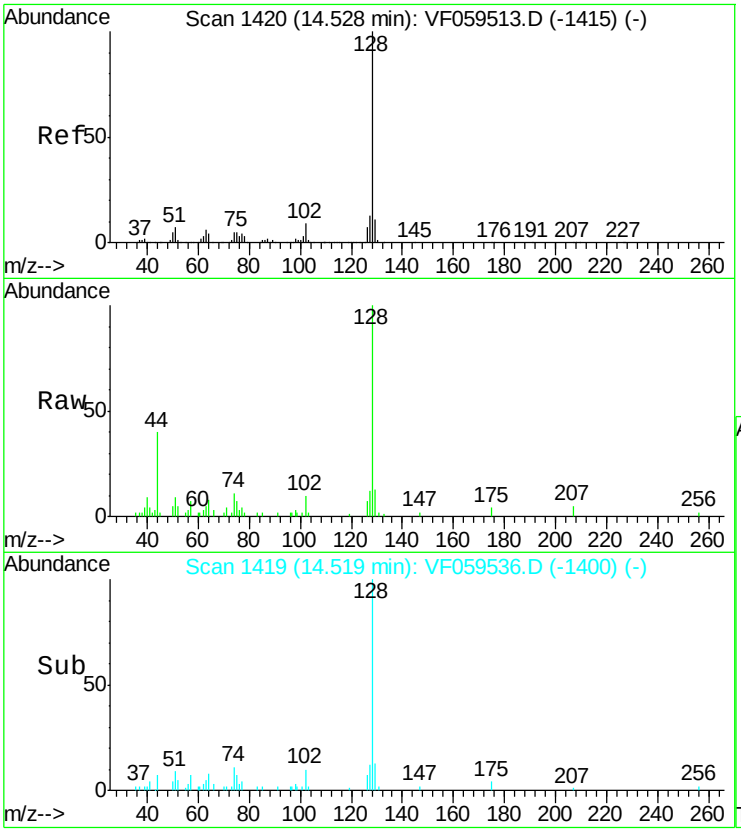


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Tgt Ion:152 Resp: 165275

Ion	Ratio	Lower	Upper
152	100		
115	59.1	27.8	83.3
150	155.0	0.0	318.4



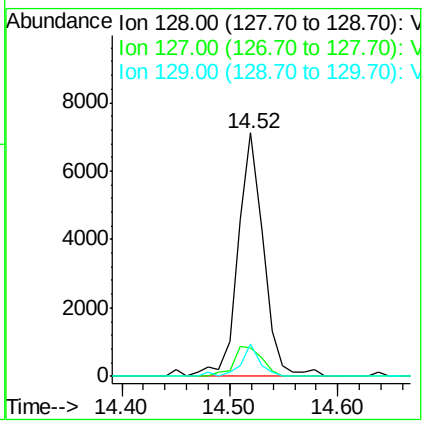


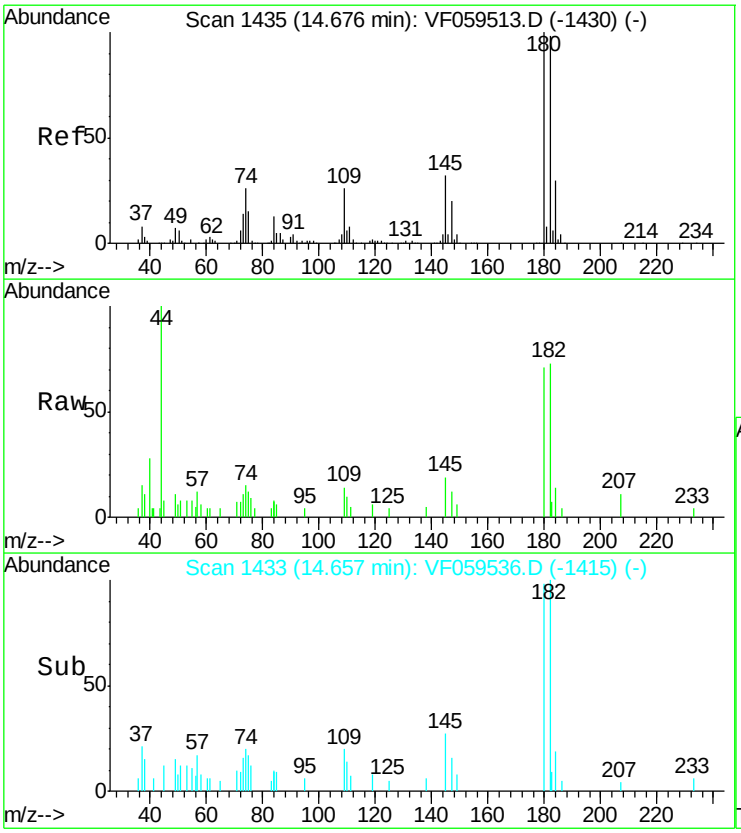
#95
Naphthalene
Concen: 1.913 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.01 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 11582

Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.2	15.2
129	13.2	9.0	13.4





#96
1,2,3-Trichlorobenzene
Concen: 1.169 ug/l
RT: 14.66 min Scan# 1433
Delta R.T. -0.02 min
Lab File: VF059536.D
Acq: 19 Jul 2018 2:17

Tgt Ion:180 Resp: 3077

Ion	Ratio	Lower	Upper
180	100		
182	111.9	48.8	146.4
145	27.2	16.2	48.6