Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF071918\
Data File : VF059570.D
Acq On : 19 Jul 2018 22:19
Operator : VA/AP
Sample : J3828-11
Misc : 6.67g/5mL/MSVOA_F/SOIL
ALS Vial : 62 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jul 20 04:53:33 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	5.04	168	217737	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	321187	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	272945	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	142525	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	173339	51.19	ug/l	-0.01
Spiked Amount 50.000			Recovery = 102.38%			
35) Dibromofluoromethane	4.29	113	141414	50.84	ug/l	-0.01
Spiked Amount 50.000			Recovery = 101.68%			
50) Toluene-d8	7.70	98	259762	37.07	ug/l	-0.02
Spiked Amount 50.000			Recovery = 74.14%			
62) 4-Bromofluorobenzene	11.51	95	142143	38.67	ug/l	-0.01
Spiked Amount 50.000			Recovery = 77.34%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.69	59	348	Below Cal	#	1
13) Acrolein	2.04	56	455	Below Cal		89
15) Acrylonitrile	3.07	53	290	1.021	ug/l #	34
16) Acetone	2.33	43	29248	34.014	ug/l	100
20) Methylene Chloride	2.27	84	4667	Below Cal	#	93
25) 2-Butanone	4.50	43	4086	5.197	ug/l #	85
29) Tetrahydrofuran	4.25	42	788	Below Cal	#	38
37) Ethyl Acetate	4.29	43	199	Below Cal	#	82
49) 1,4-Dioxane	6.70	88	69	Below Cal	#	39
51) 4-Methyl-2-Pentanone	8.42	43	1859	1.135	ug/l #	40
52) Toluene	7.77	92	4544	1.005	ug/l	80
58) 2-Chloroethyl Vinyl ether	7.77	63	1115	5.811	ug/l	100
59) 2-Hexanone	9.62	43	1550	1.252	ug/l	85
68) m/p-Xylenes	10.25	106	8900	2.767	ug/l	90
69) o-Xylene	10.83	106	4874	1.423	ug/l	99
80) 1,3,5-Trimethylbenzene	11.91	105	7756	1.029	ug/l	92
84) 1,2,4-Trimethylbenzene	12.29	105	15227	1.964	ug/l	95
95) Naphthalene	14.52	128	9009	1.725	ug/l #	95

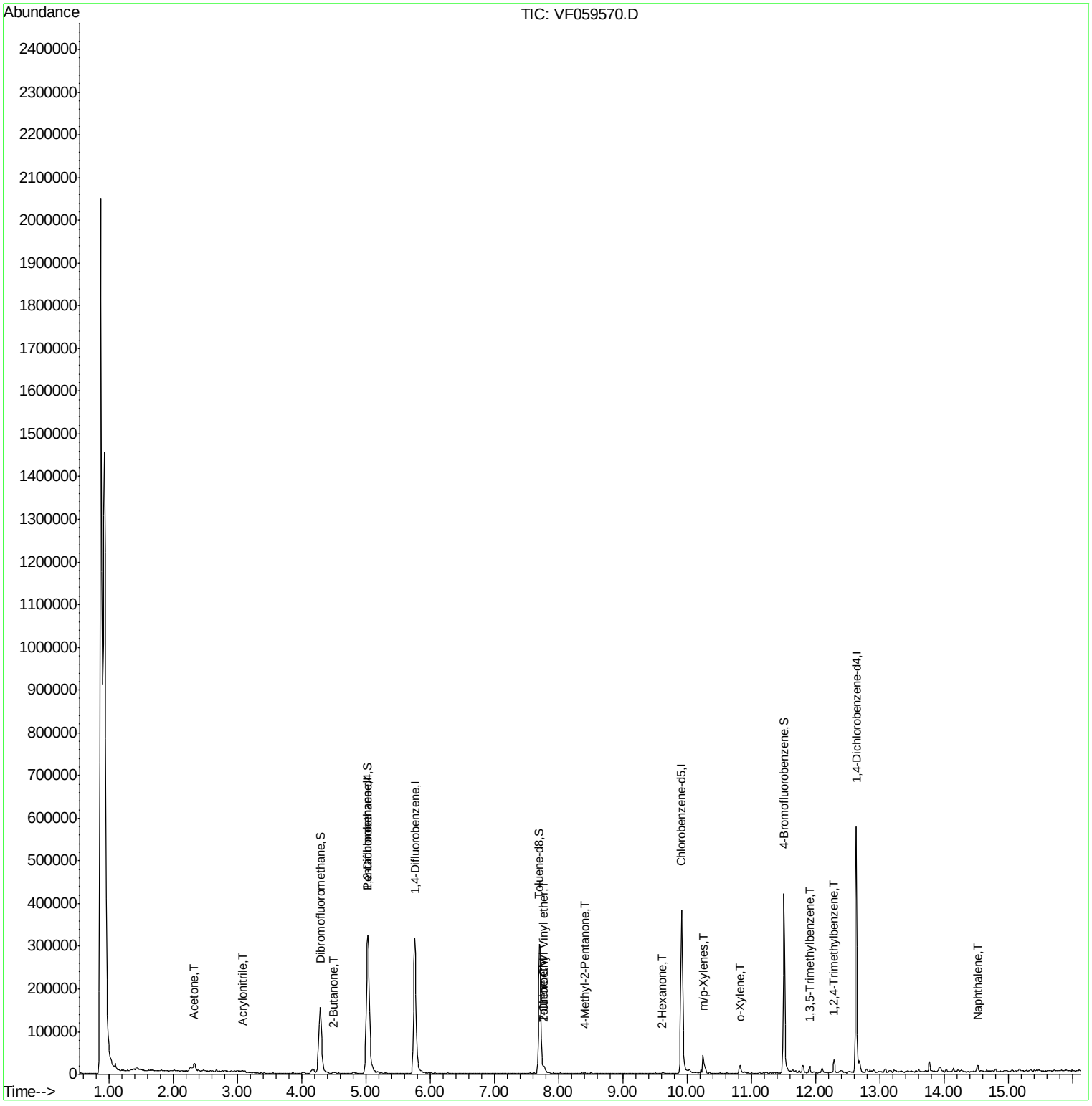
(#) = qualifier out of range (m) = manual integration (+) = signals summed

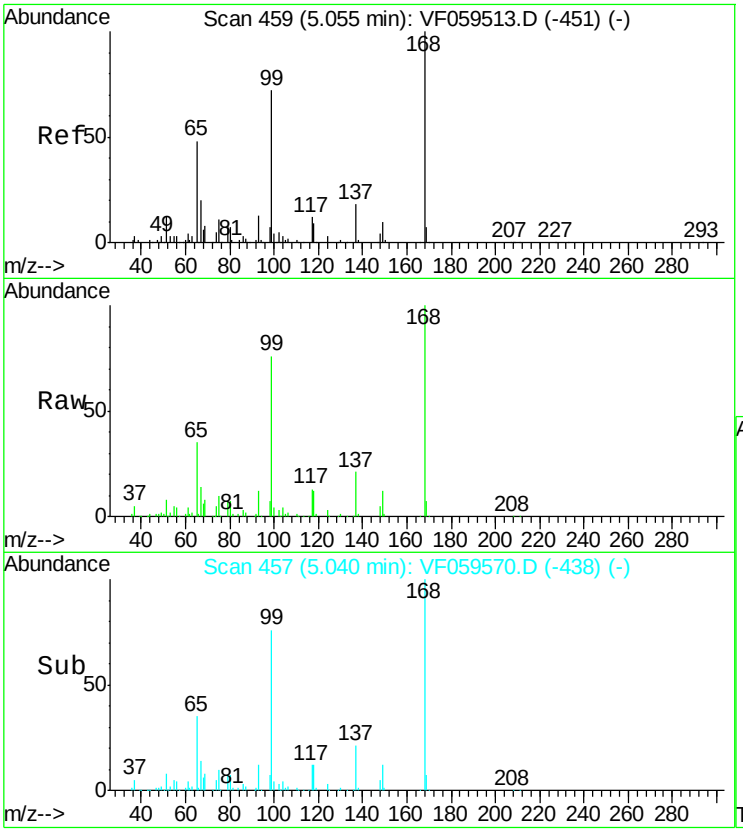
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
Data File : VF059570.D
Acq On : 19 Jul 2018 22:19
Operator : VA/AP
Sample : J3828-11
Misc : 6.67g/5mL/MSVOA F/SOIL
ALS Vial : 62 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jul 20 04:53:33 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



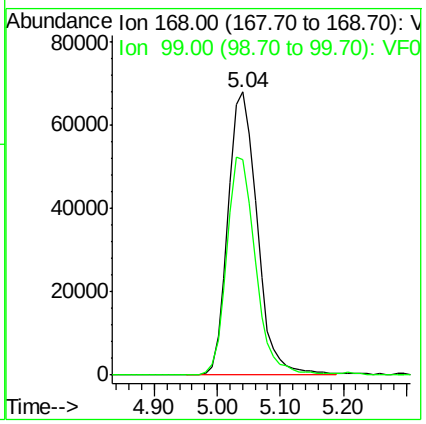


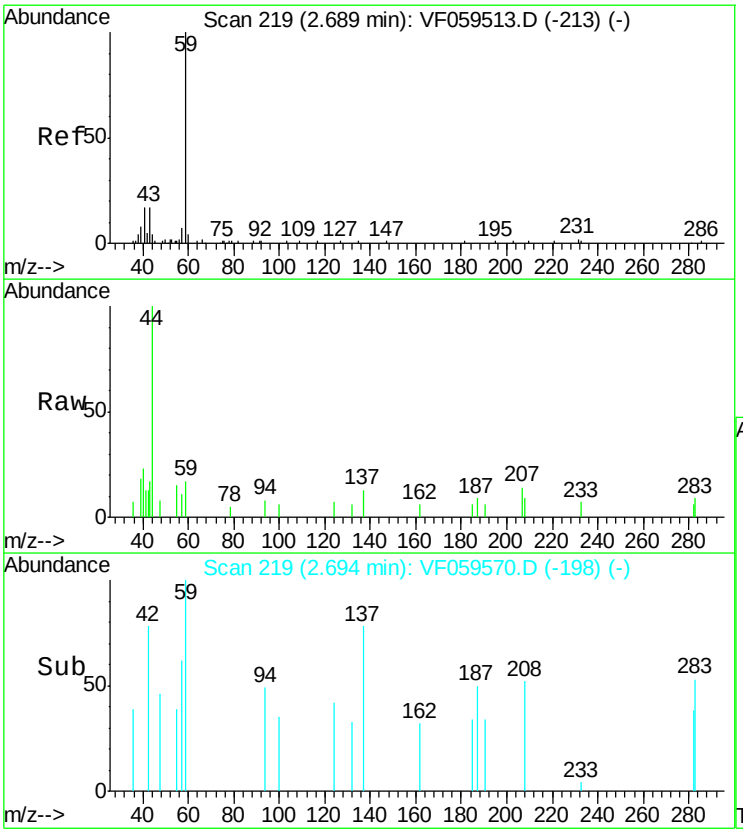
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 457
Delta R.T. -0.01 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 217737

Ion	Ratio	Lower	Upper
168	100		
99	76.2	57.6	86.4

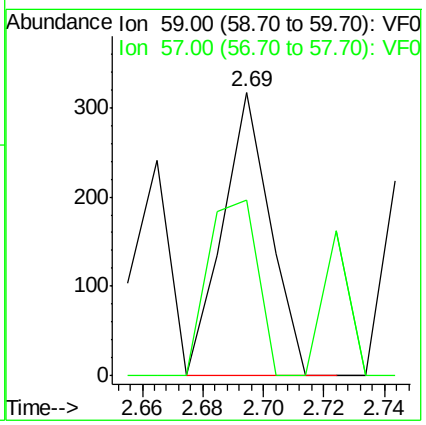


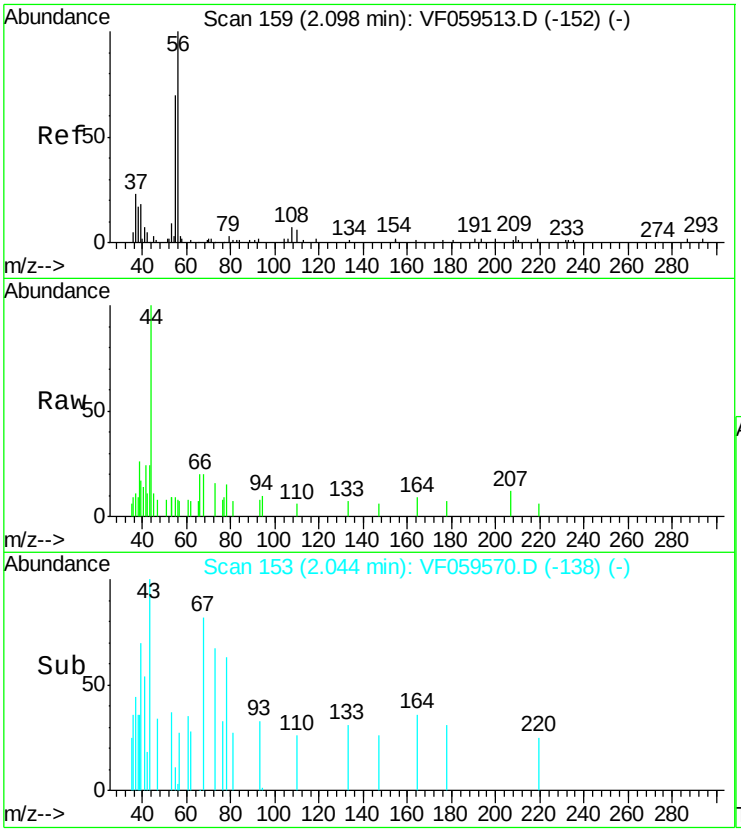


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.69 min Scan# 219
Delta R.T. 0.01 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Tgt Ion: 59 Resp: 348

Ion	Ratio	Lower	Upper
59	100		
57	61.8	7.7	11.5#



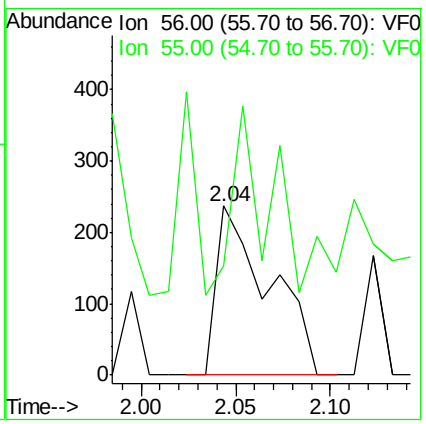


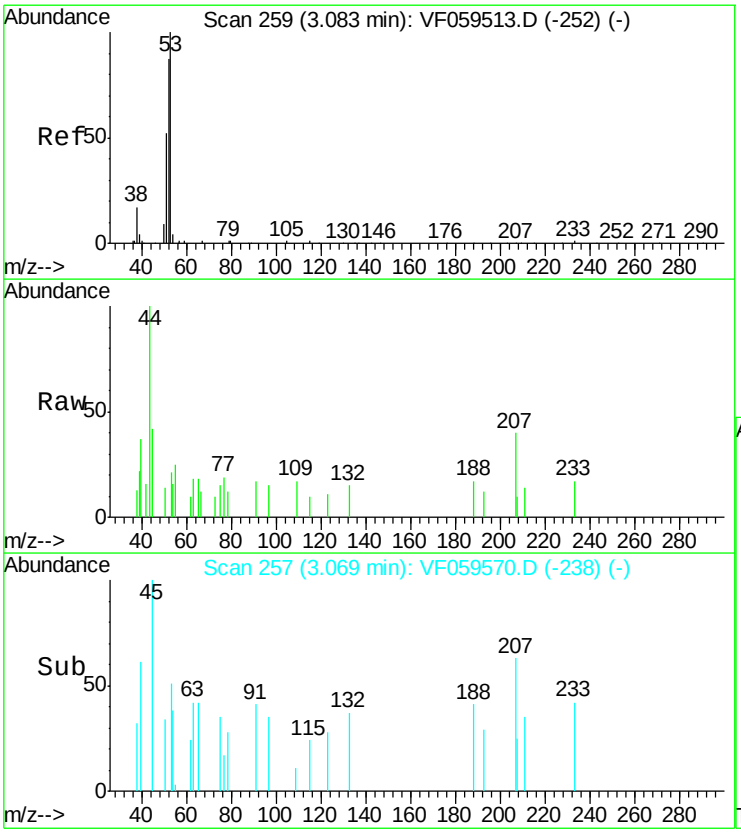
#13
Acrolein
Concen: Below Cal
RT: 2.04 min Scan# 153
Delta R.T. -0.05 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 455

Ion	Ratio	Lower	Upper
56	100		
55	65.0	59.4	89.2

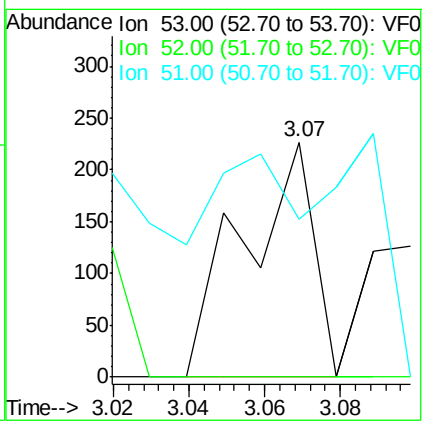


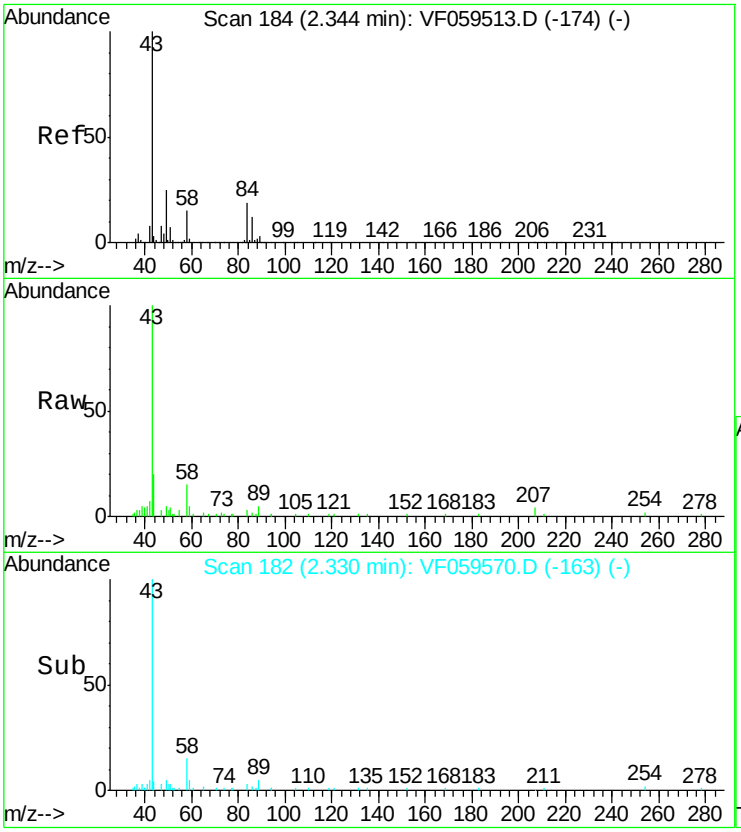


#15
Acrylonitrile
Concen: 1.021 ug/l
RT: 3.07 min Scan# 257
Delta R.T. -0.01 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Tgt Ion: 53 Resp: 290

Ion	Ratio	Lower	Upper
53	100		
52	0.0	70.1	105.1#
51	67.4	42.5	63.7#



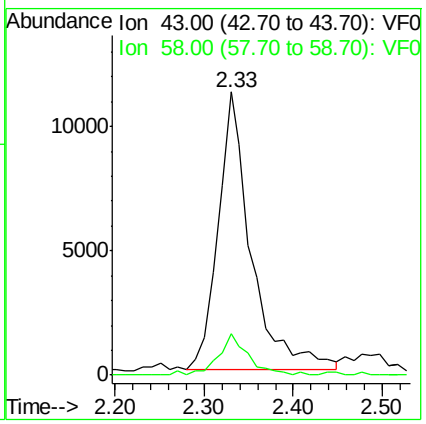


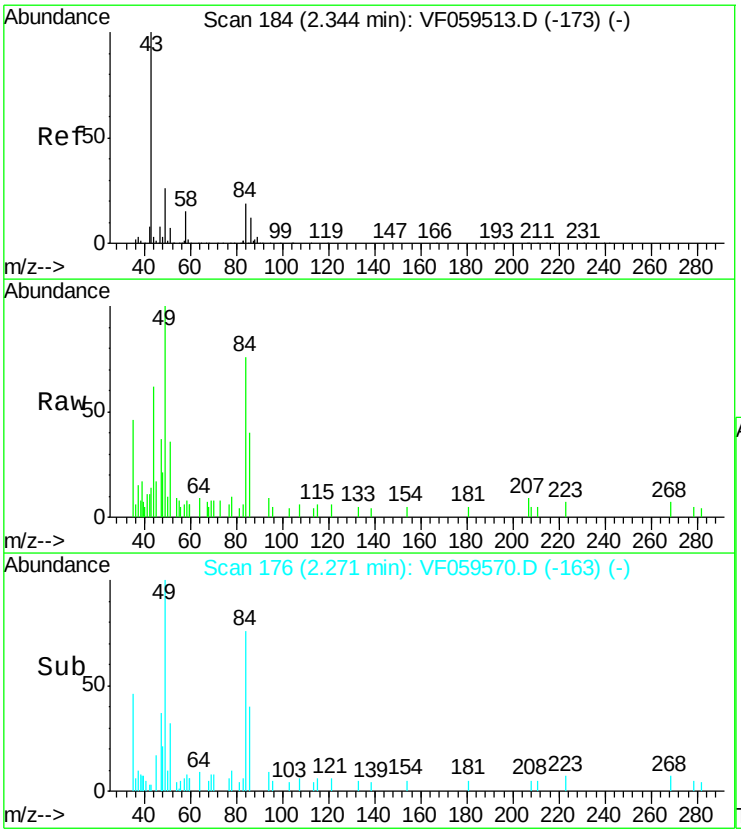
#16
Acetone
Concen: 34.014 ug/l
RT: 2.33 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 29248

Ion	Ratio	Lower	Upper
43	100		
58	14.6	11.8	17.6

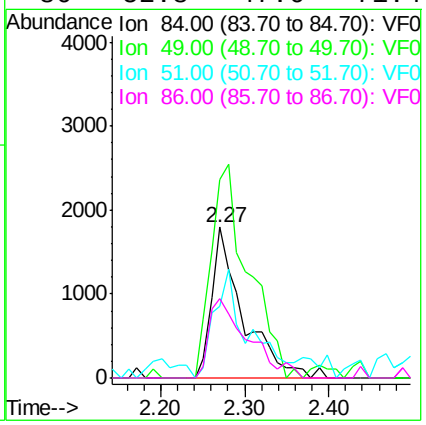


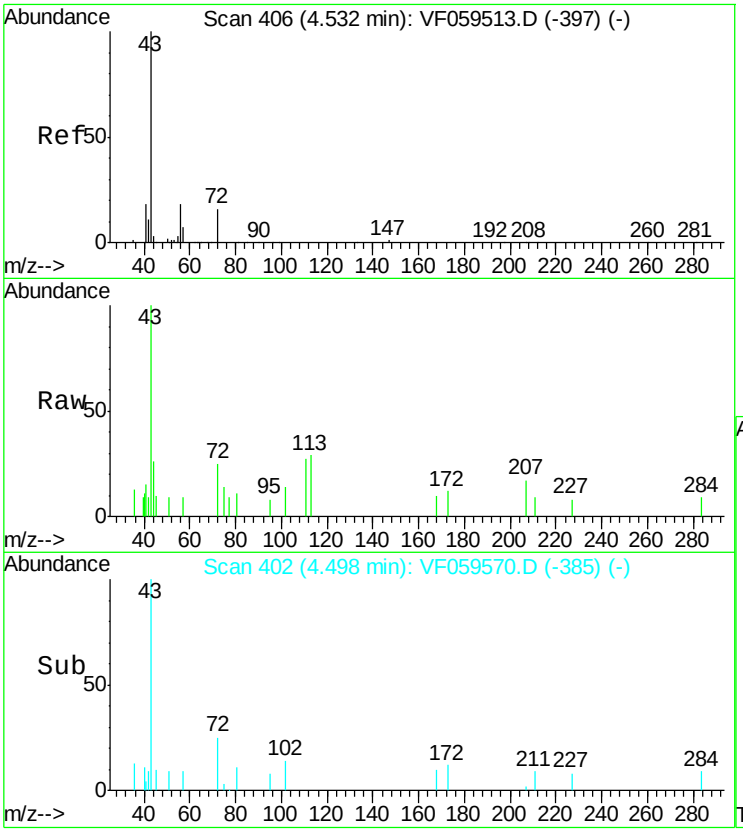


#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 176
Delta R.T. -0.07 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Tgt Ion: 84 Resp: 4667

Ion	Ratio	Lower	Upper
84	100		
49	132.1	109.4	164.2
51	47.8	30.5	45.7#
86	52.8	47.6	71.4



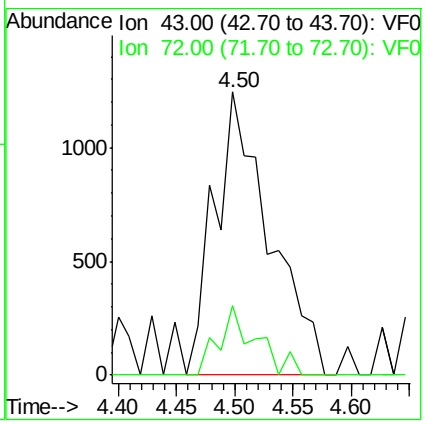


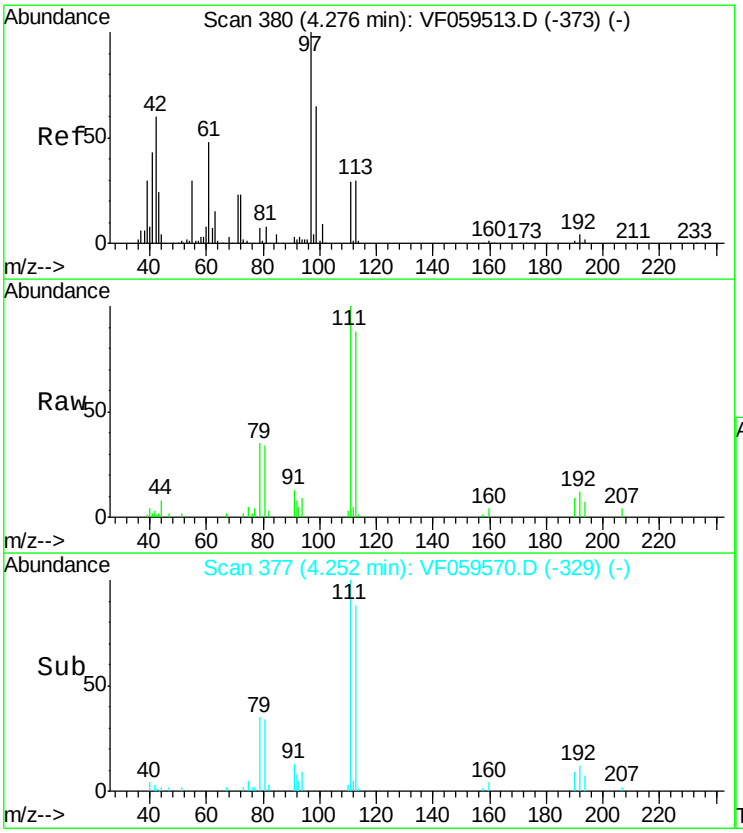
#25
2-Butanone
Concen: 5.197 ug/l
RT: 4.50 min Scan# 402
Delta R.T. -0.03 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 4086

Ion	Ratio	Lower	Upper
43	100		
72	24.6	14.2	21.4#

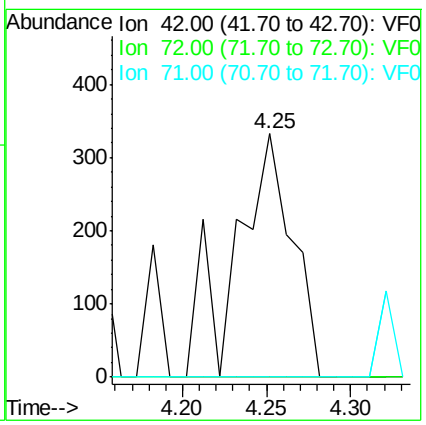


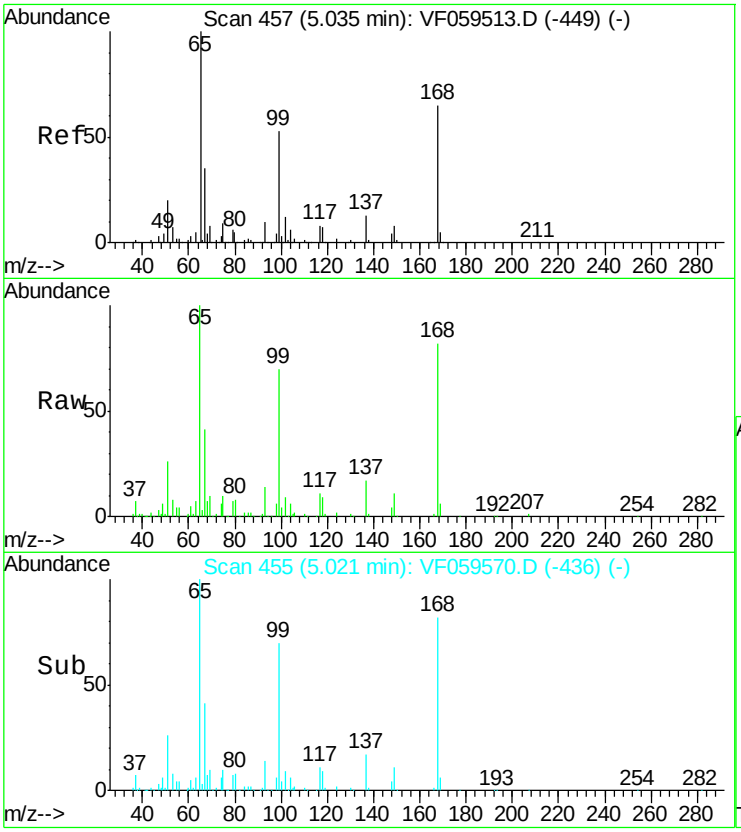


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.25 min Scan# 377
Delta R.T. -0.02 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Tgt Ion: 42 Resp: 788

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.7	43.1#
71	0.0	30.8	46.2#



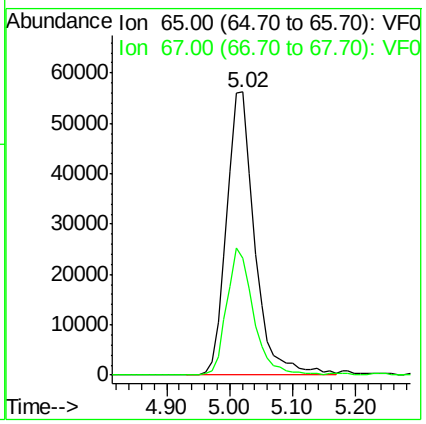


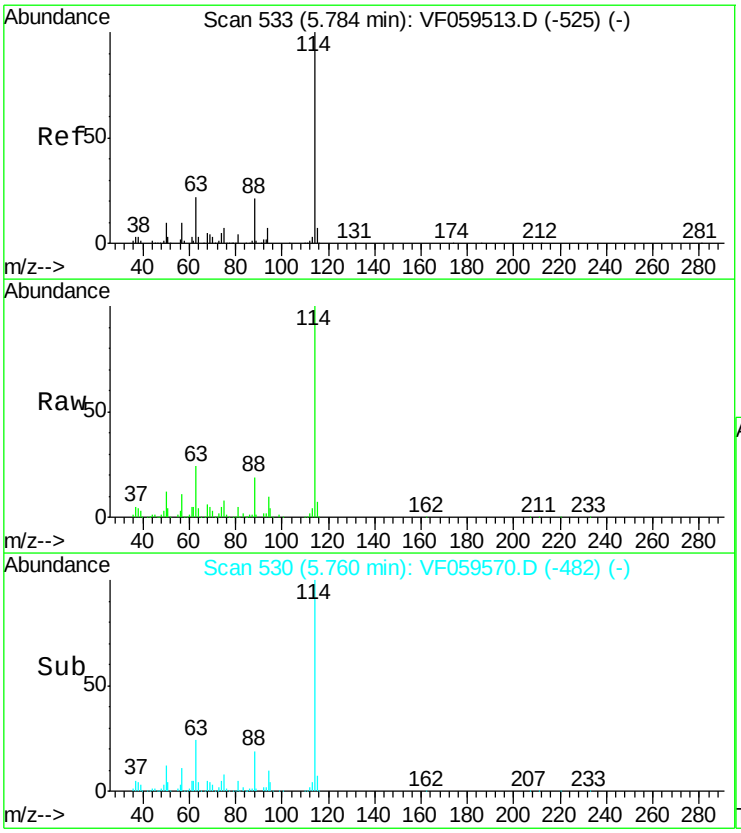
#33
1,2-Dichloroethane-d4
Concen: 51.188 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.01 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 173339

Ion	Ratio	Lower	Upper
65	100		
67	41.2	0.0	91.2

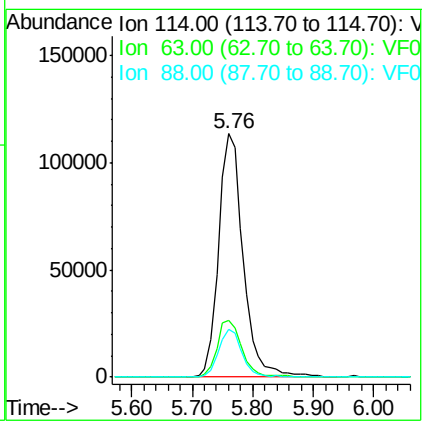


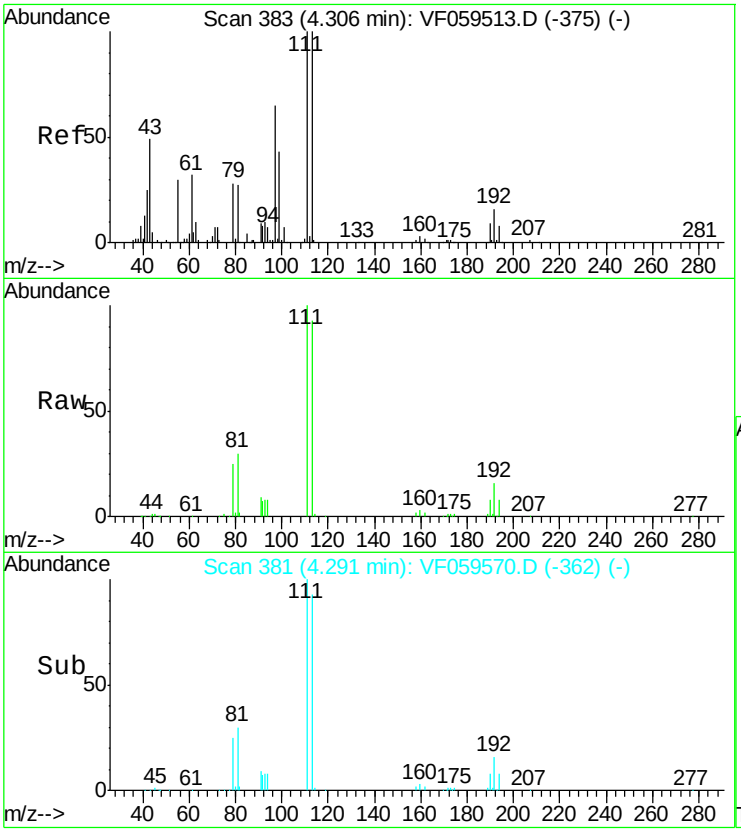


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 530
Delta R.T. -0.02 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Tgt Ion:114 Resp: 321187

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	44.8
88	19.4	0.0	42.6



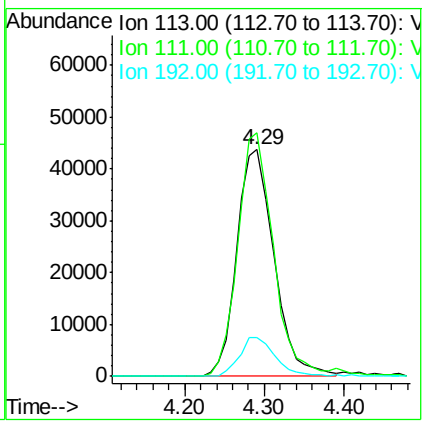


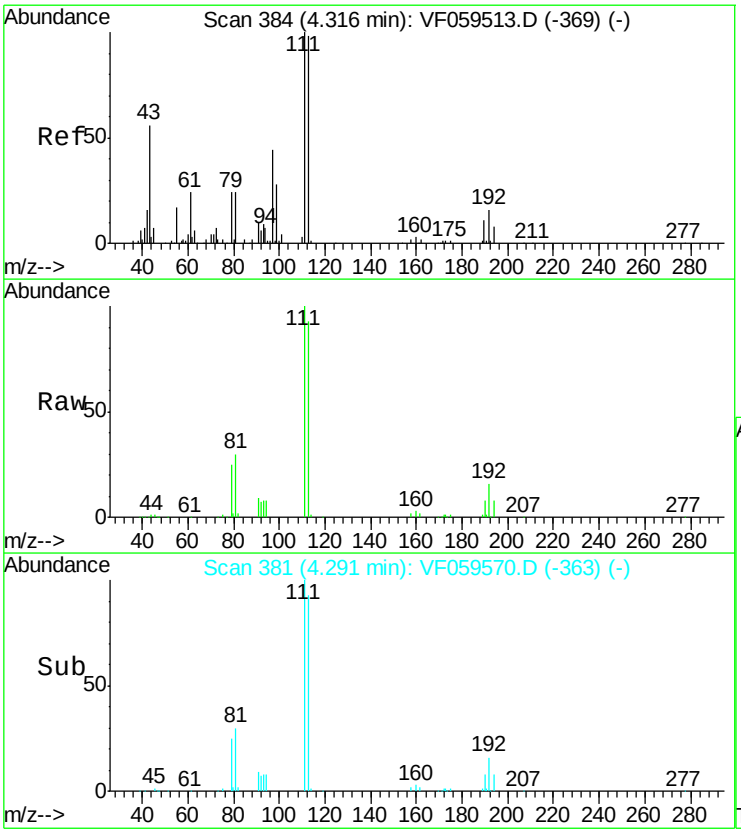
#35
Dibromofluoromethane
Concen: 50.837 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 141414

Ion	Ratio	Lower	Upper
113	100		
111	107.5	80.3	120.5
192	17.2	13.1	19.7

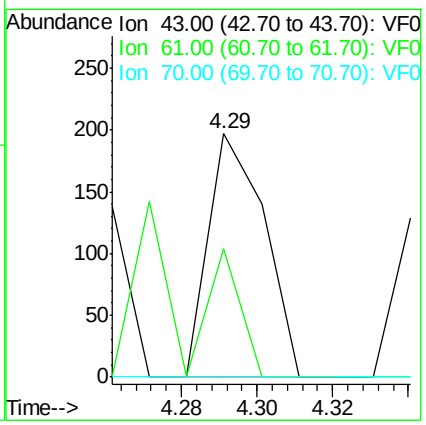


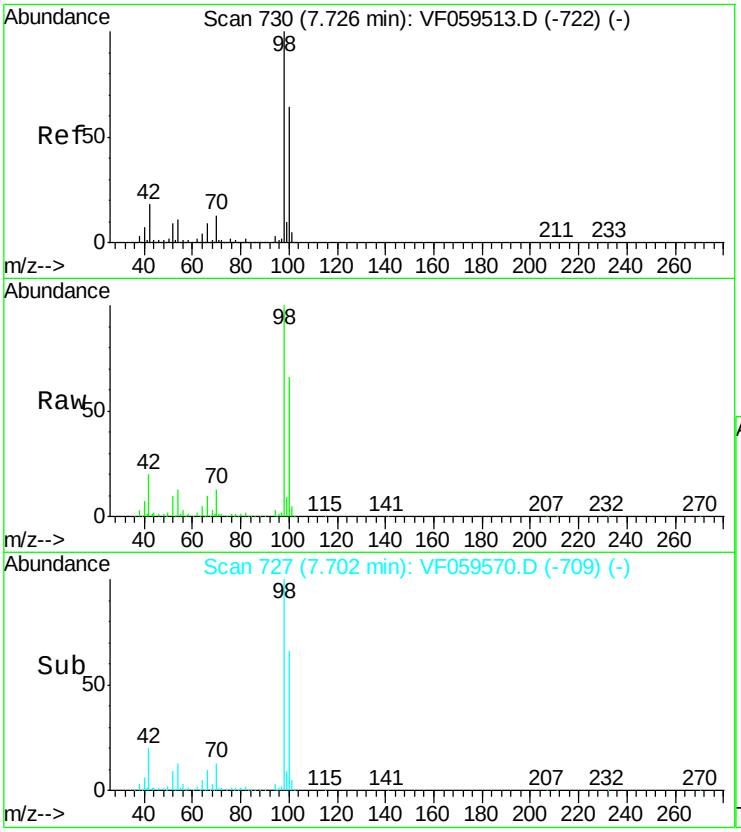


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.29 min Scan# 381
Delta R.T. -0.02 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Tgt Ion: 43 Resp: 199

Ion	Ratio	Lower	Upper
43	100		
61	52.8	33.7	50.5#
70	0.0	7.4	11.0#



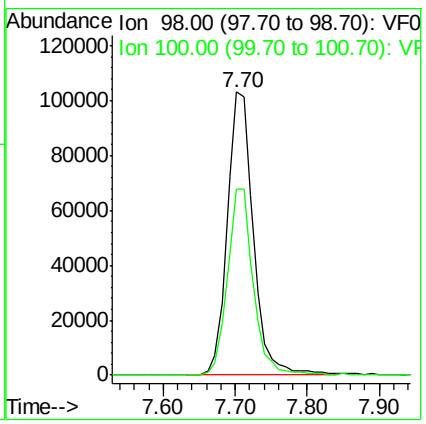


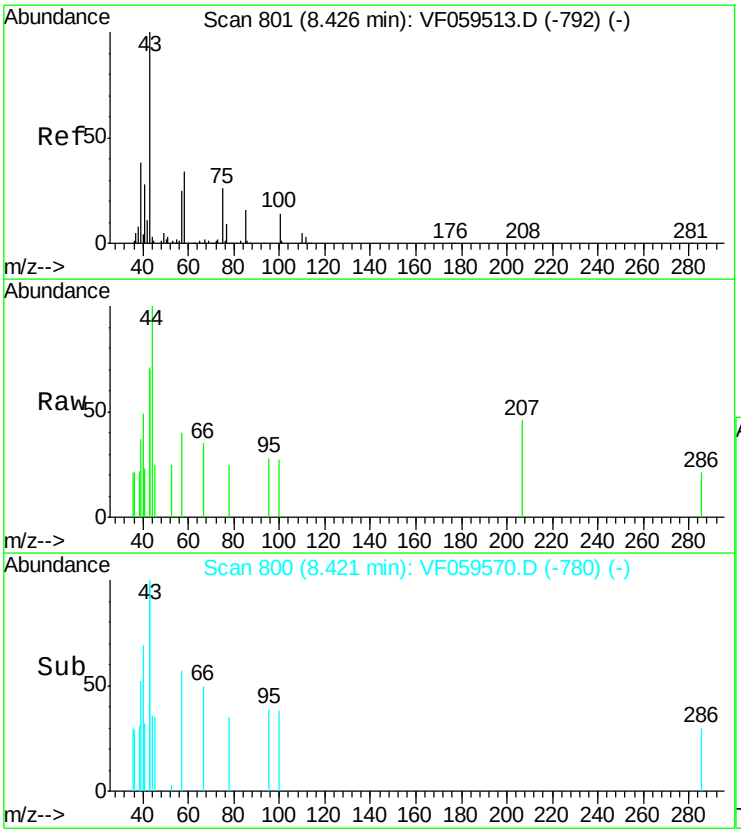
#50
Toluene-d8
Concen: 37.072 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 259762

Ion	Ratio	Lower	Upper
98	100		
100	65.9	50.9	76.3

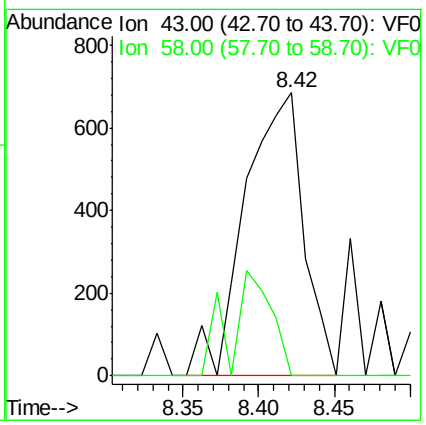


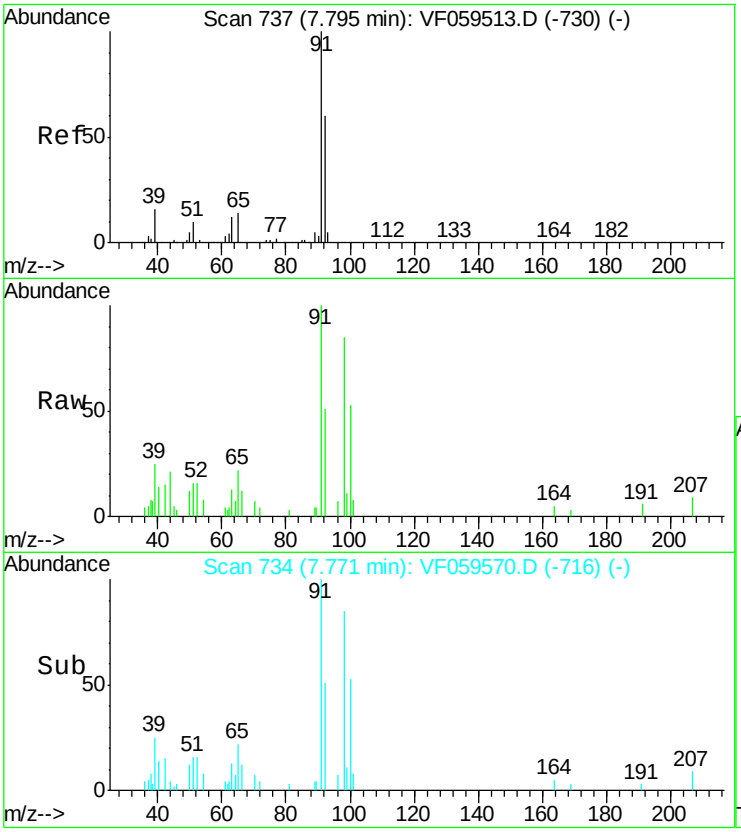


#51
4-Methyl-2-Pentanone
Concen: 1.135 ug/l
RT: 8.42 min Scan# 800
Delta R.T. -0.00 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Tgt Ion: 43 Resp: 1859

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.4	41.2#



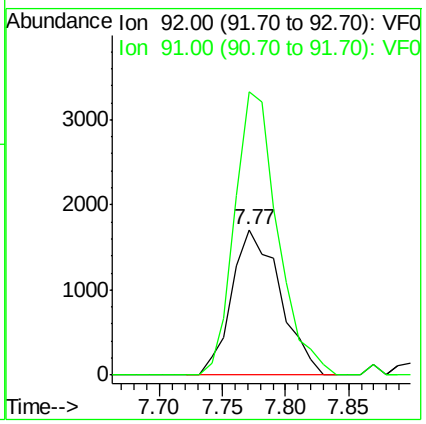


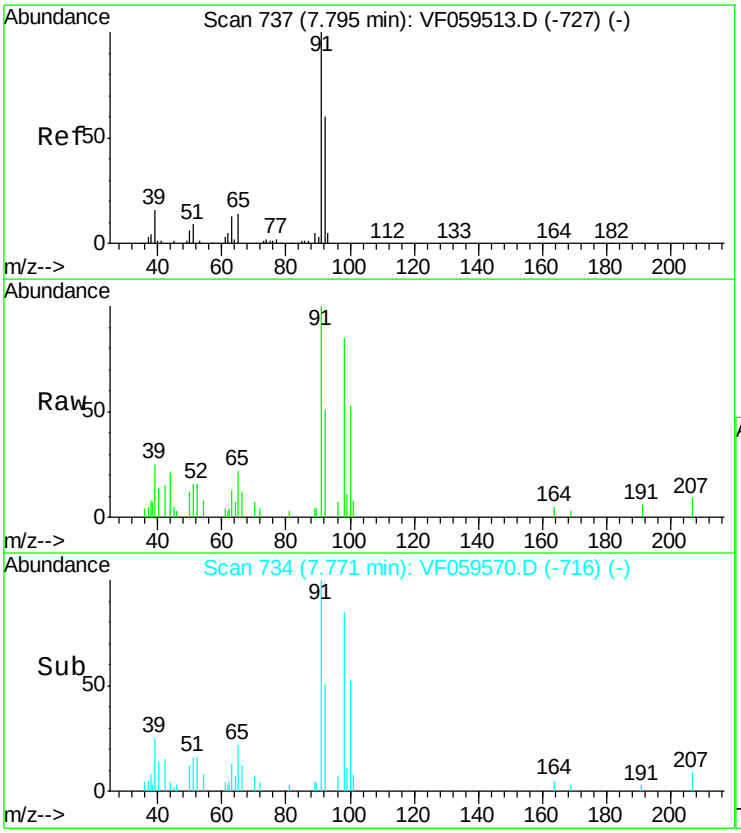
#52
Toluene
Concen: 1.005 ug/l
RT: 7.77 min Scan# 734
Delta R.T. -0.02 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 92 Resp: 4544

Ion	Ratio	Lower	Upper
92	100		
91	194.5	134.2	201.4

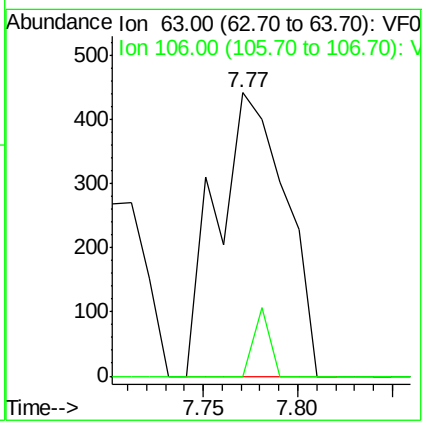


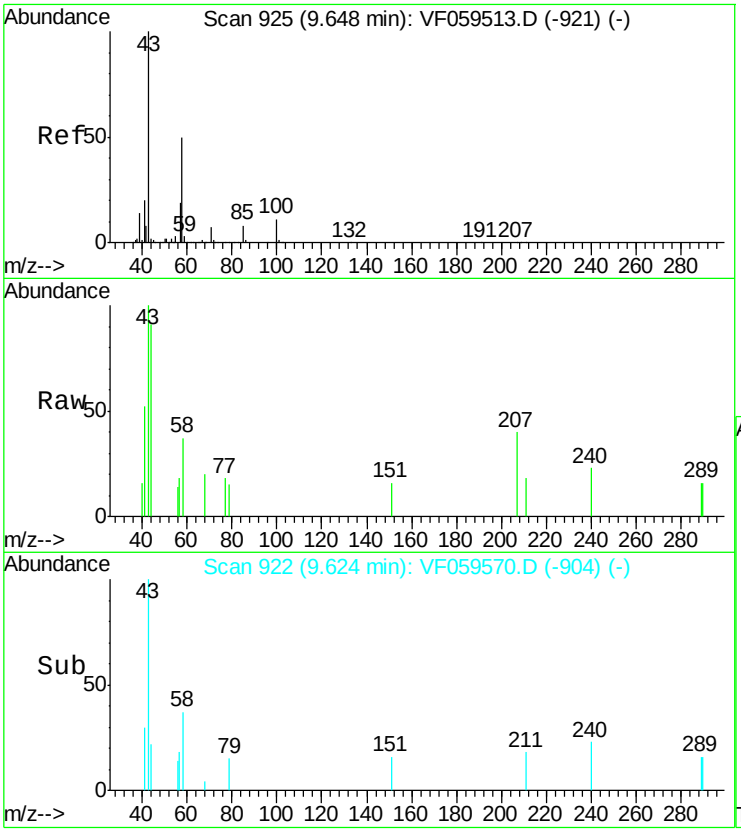


#58
2-Chloroethyl Vinyl ether
Concen: 5.811 ug/l
RT: 7.77 min Scan# 734
Delta R.T. -0.02 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Tgt Ion: 63 Resp: 1115

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



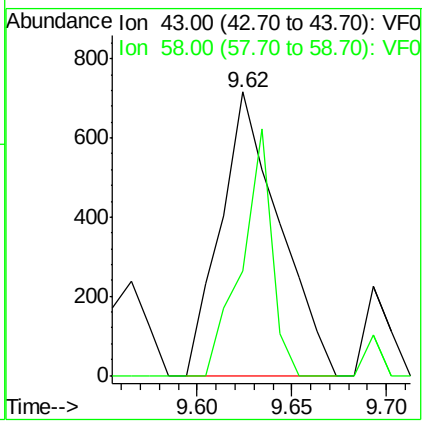


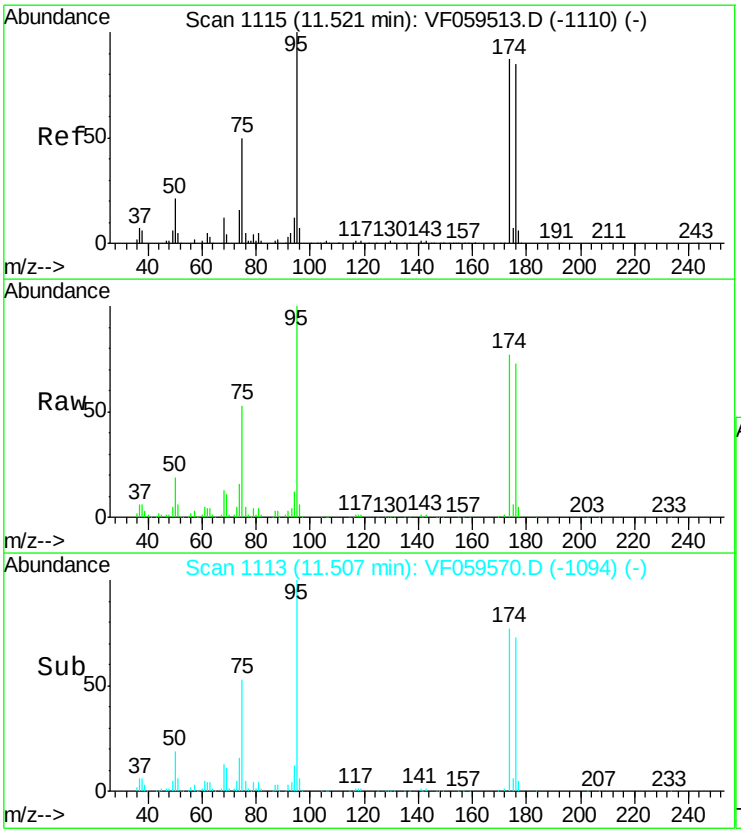
#59
2-Hexanone
Concen: 1.252 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.02 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1550

Ion	Ratio	Lower	Upper
43	100		
58	36.7	23.3	69.9

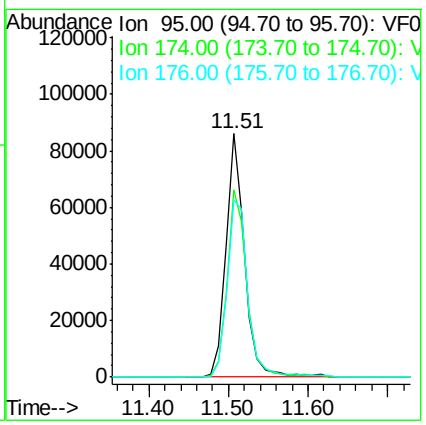


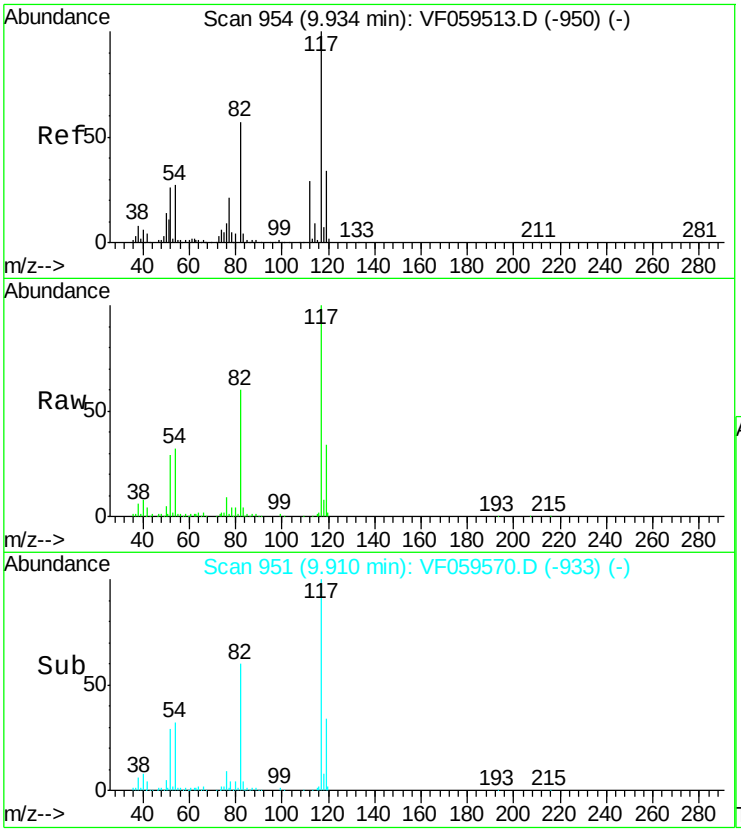


#62
4-Bromofluorobenzene
Concen: 38.669 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Tgt Ion: 95 Resp: 142143

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	174.4
176	72.8	0.0	169.4



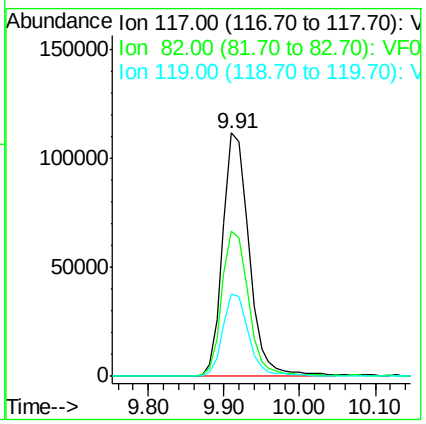


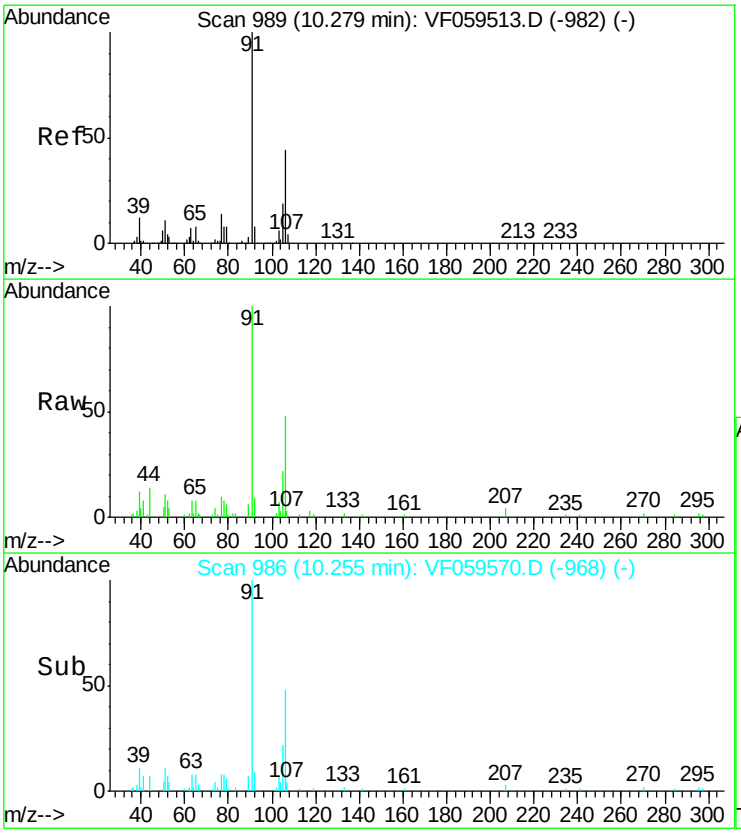
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 272945

Ion	Ratio	Lower	Upper
117	100		
82	59.5	46.1	69.1
119	33.7	27.2	40.8

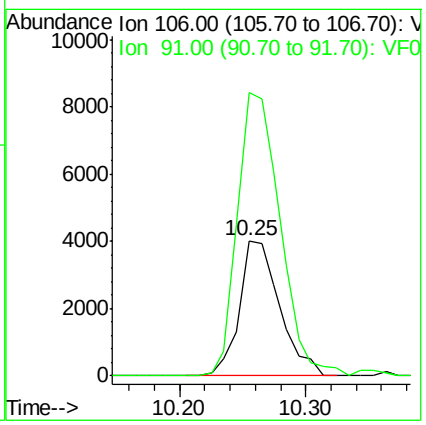


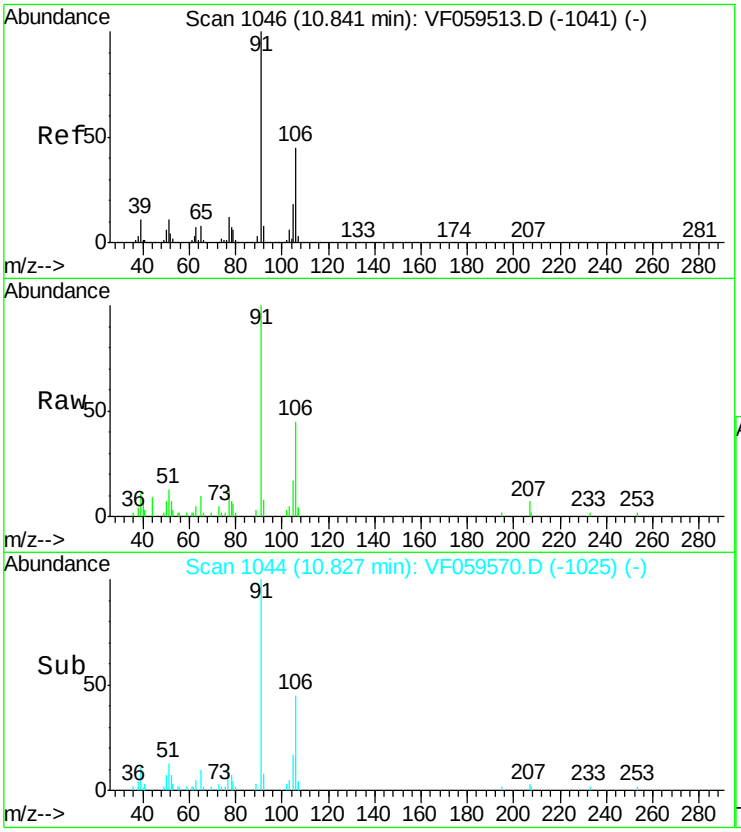


#68
m/p-Xylenes
Concen: 2.767 ug/l
RT: 10.25 min Scan# 986
Delta R.T. -0.02 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Tgt Ion:106 Resp: 8900

Ion	Ratio	Lower	Upper
106	100		
91	209.4	181.0	271.4



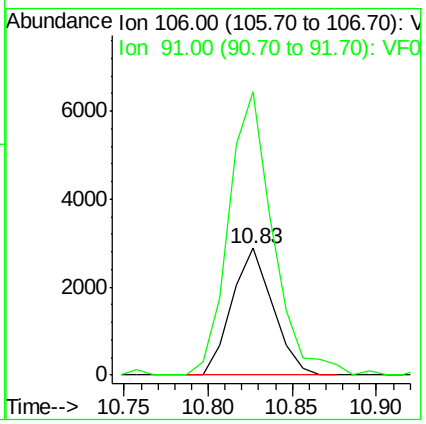


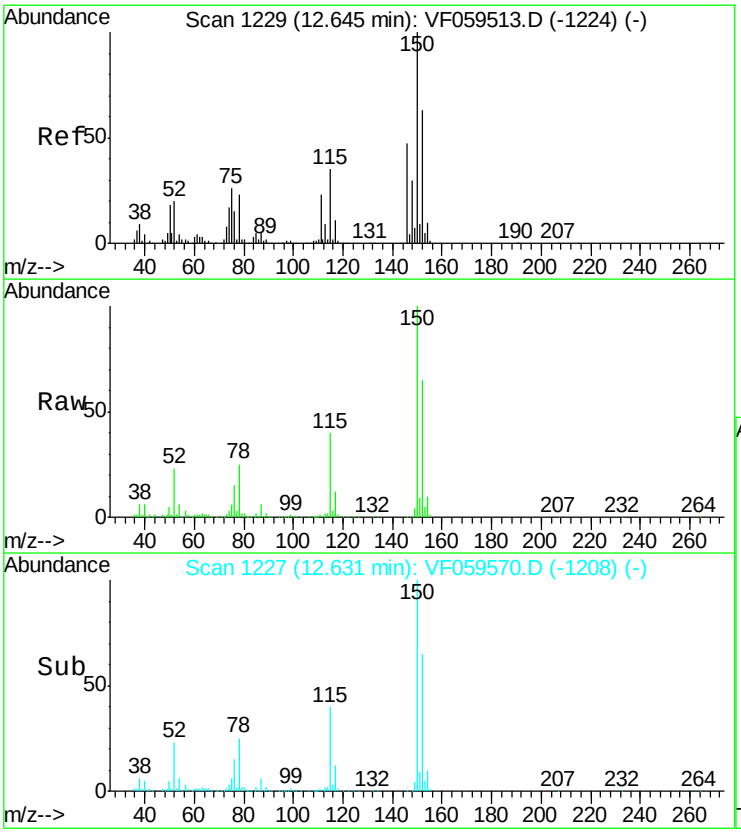
#69
o-Xylene
Concen: 1.423 ug/l
RT: 10.83 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:106 Resp: 4874

Ion	Ratio	Lower	Upper
106	100		
91	222.8	112.3	336.9

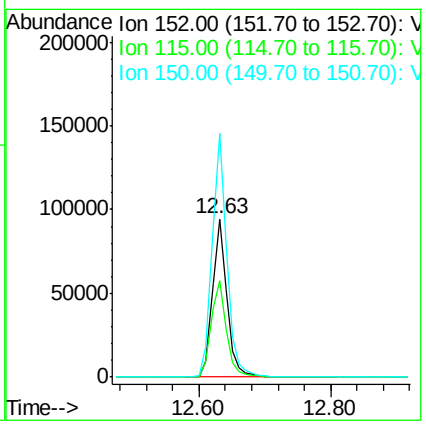


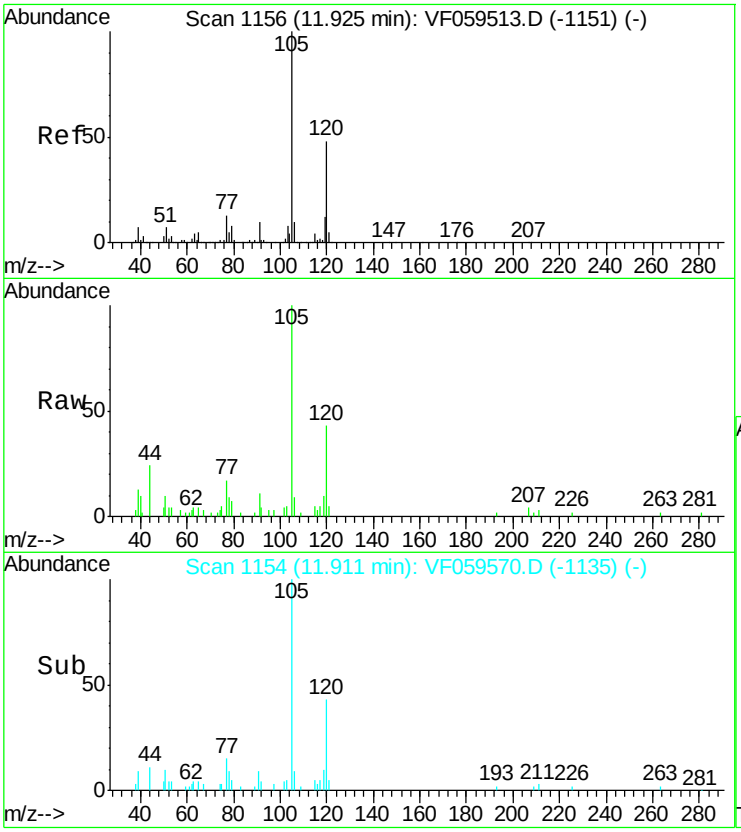


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Tgt Ion:152 Resp: 142525

Ion	Ratio	Lower	Upper
152	100		
115	60.9	27.8	83.3
150	153.7	0.0	318.4



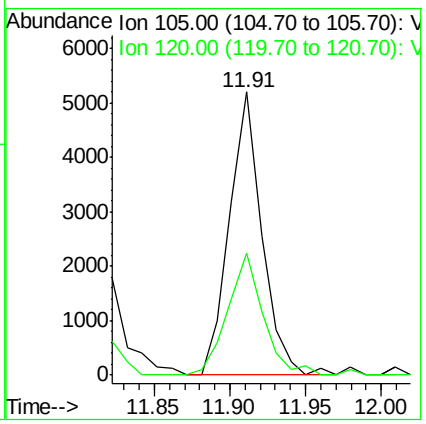


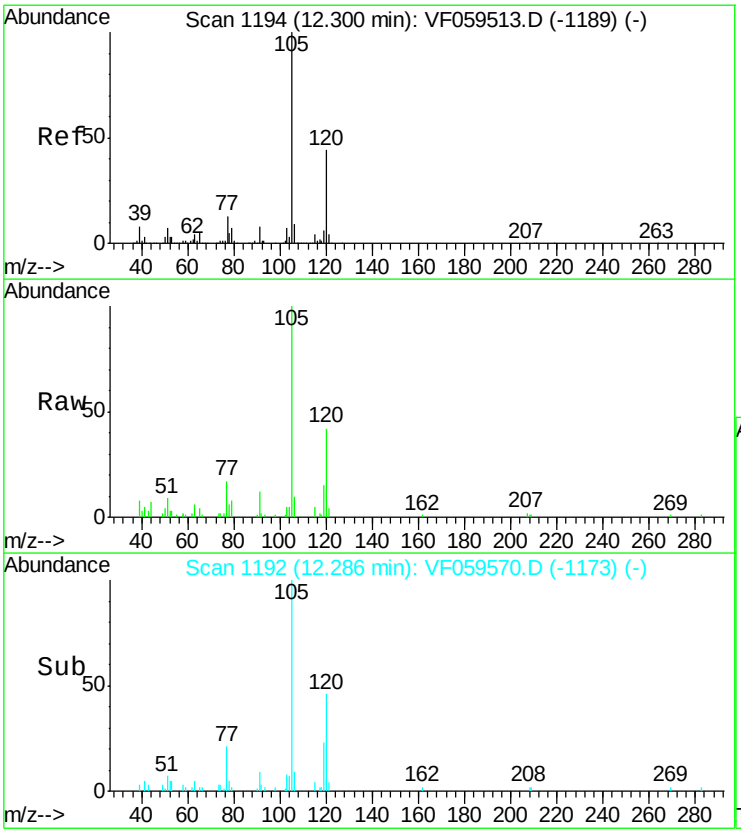
#80
1,3,5-Trimethylbenzene
Concen: 1.029 ug/l
RT: 11.91 min Scan# 1154
Delta R.T. -0.01 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 7756

Ion	Ratio	Lower	Upper
105	100		
120	43.1	24.1	72.4

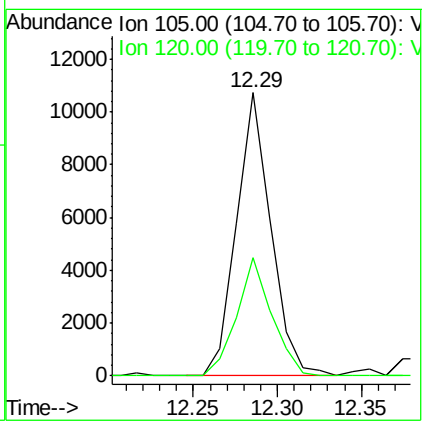


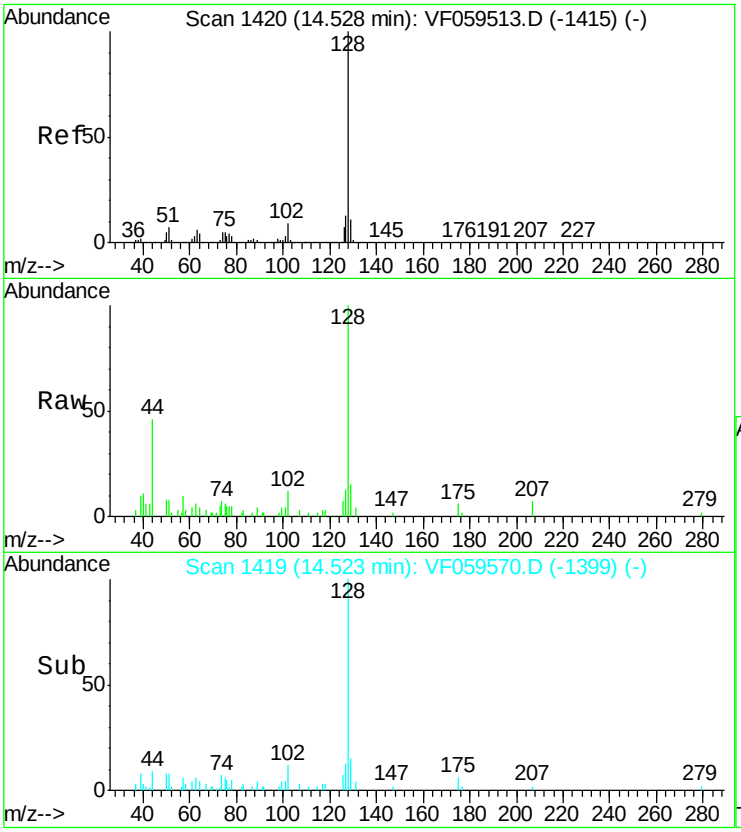


#84
1,2,4-Trimethylbenzene
Concen: 1.964 ug/l
RT: 12.29 min Scan# 1192
Delta R.T. -0.01 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Tgt Ion:105 Resp: 15227

Ion	Ratio	Lower	Upper
105	100		
120	41.6	22.5	67.5





#95
Naphthalene
Concen: 1.725 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.00 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 9009

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	14.7	9.0	13.4#