Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
Data File : VF061164.D
Acq On : 24 Dec 2018 14:43
Operator : VA/AP
Sample : J6461-01RE
Misc : 5.13g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 24 23:47:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.87	168	207291	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.60	114	367306	50.00	ug/l		0.01
63) Chlorobenzene-d5	9.78	117	305070	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	130750	50.00	ug/l		0.01
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.85	65	143476	53.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.62%				
35) Dibromofluoromethane	4.12	113	146032	49.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.26%				
50) Toluene-d8	7.56	98	338790	40.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 81.26%				
62) 4-Bromofluorobenzene	11.41	95	142332	37.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 74.06%				
Target Compounds							Qvalue
11) Tert butyl alcohol	2.59	59	135	1.255	ug/l	#	65
13) Acrolein	1.98	56	333	4.283	ug/l	#	50
15) Acrylonitrile	2.93	53	494	1.986	ug/l	#	66
16) Acetone	2.24	43	1776	3.332	ug/l	#	90
20) Methylene Chloride	2.25	84	3684	Below Cal			88
29) Tetrahydrofuran	4.07	42	498	1.415	ug/l	#	37
49) 1,4-Dioxane	6.64	88	66	6.086	ug/l	#	23
59) 2-Hexanone	9.51	43	1696	1.597	ug/l		72
70) Styrene	10.78	104	136	Below Cal		#	30
78) n-propylbenzene	11.60	91	794	Below Cal			97
87) 1,3-Dichlorobenzene	12.47	146	176	Below Cal		#	43

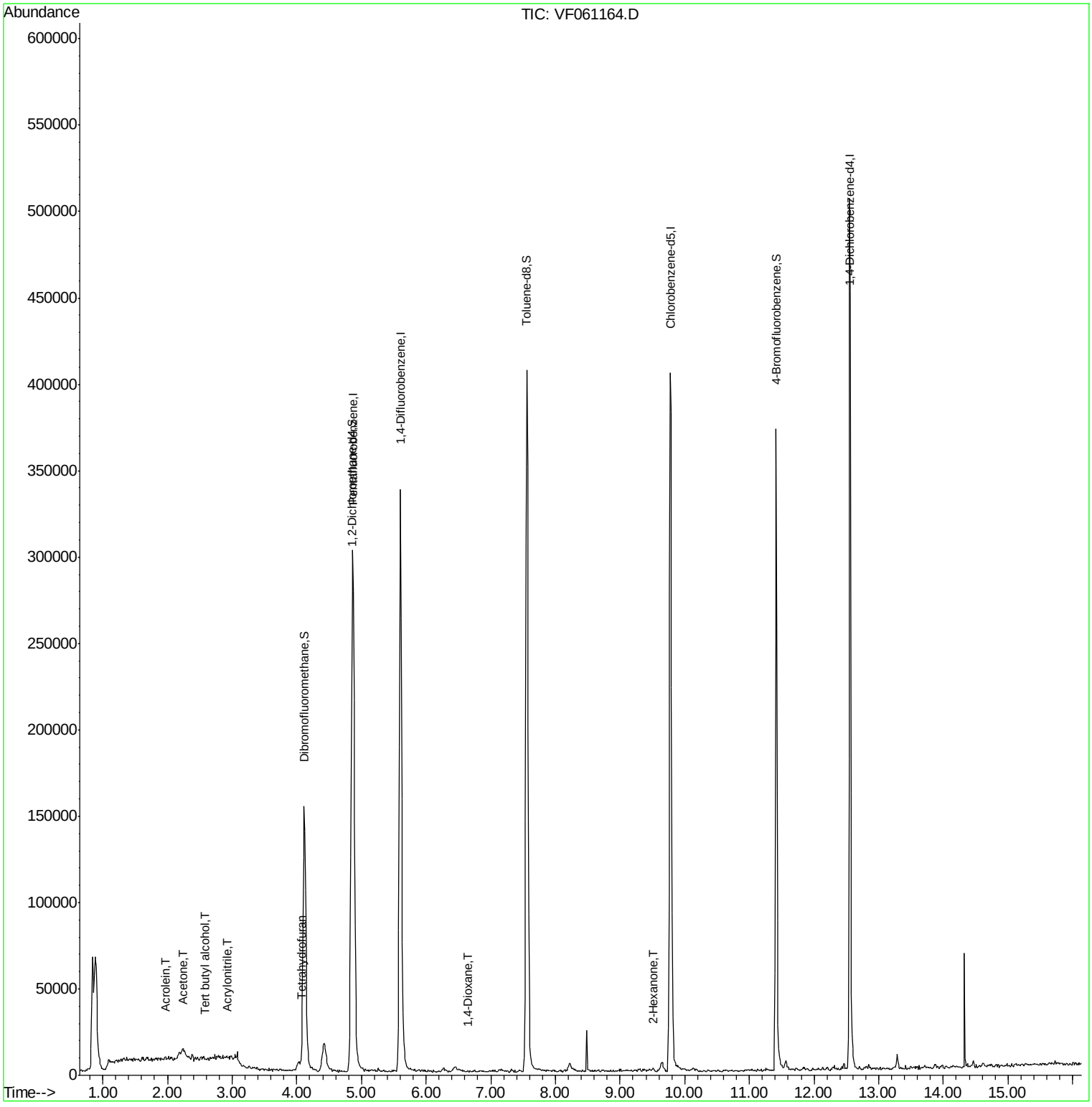
(#) = qualifier out of range (m) = manual integration (+) = signals summed

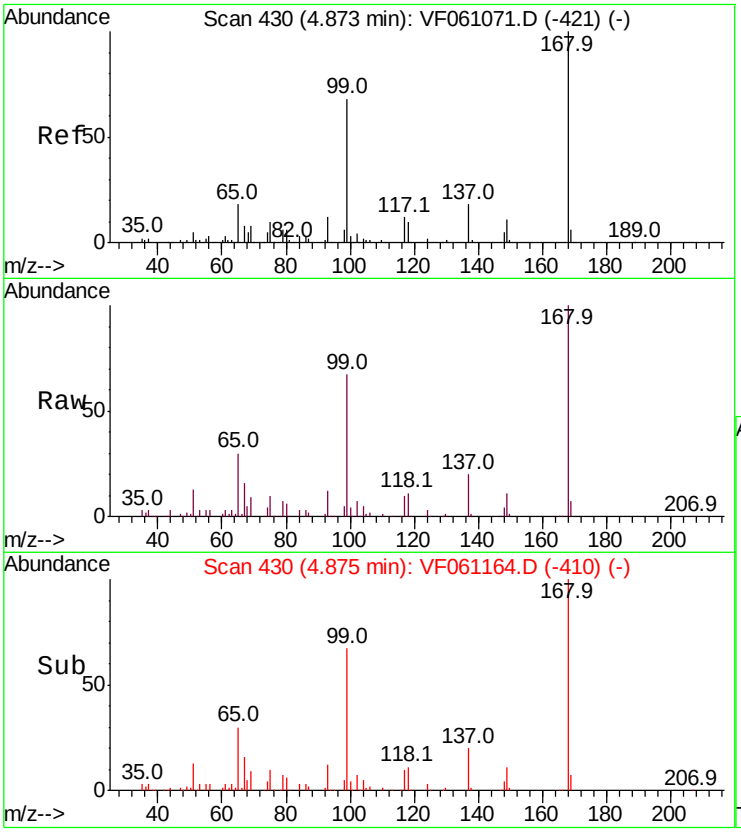
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122418\
Data File : VF061164.D
Acq On : 24 Dec 2018 14:43
Operator : VA/AP
Sample : J6461-01RE
Misc : 5.13g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 24 23:47:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration



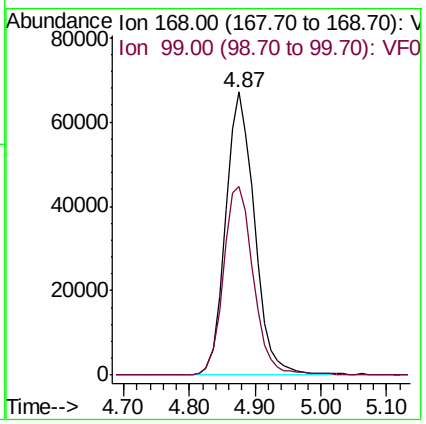


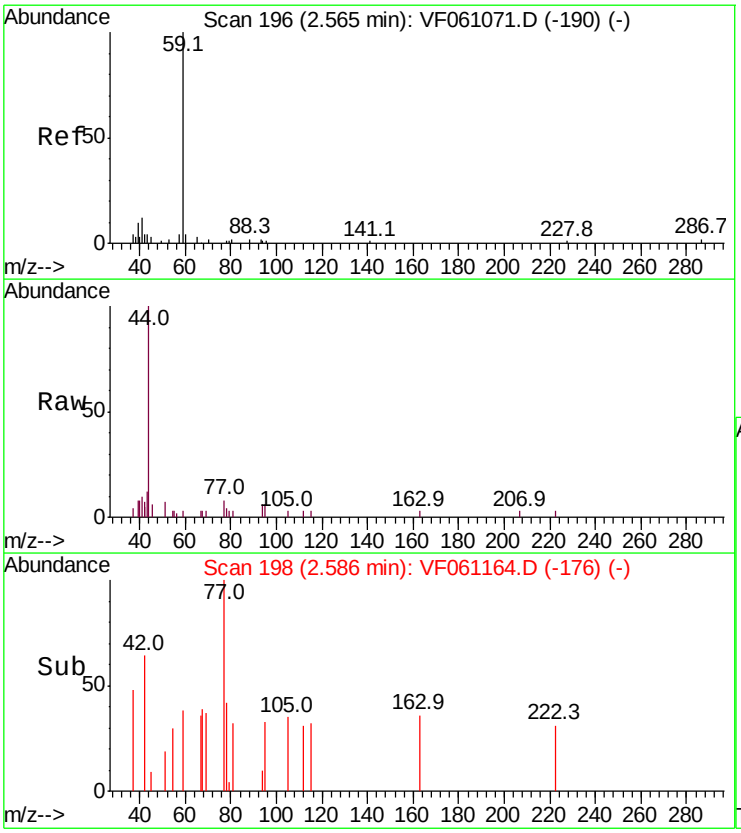
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.00 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 207291

Ion	Ratio	Lower	Upper
168	100		
99	66.6	54.4	81.6

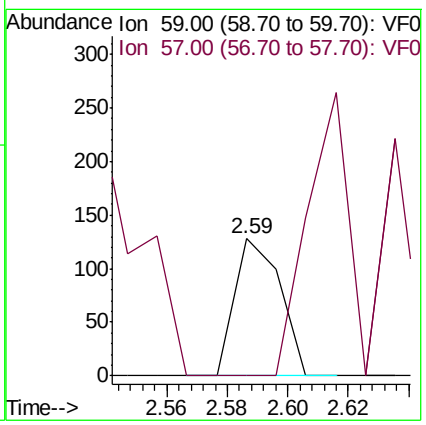


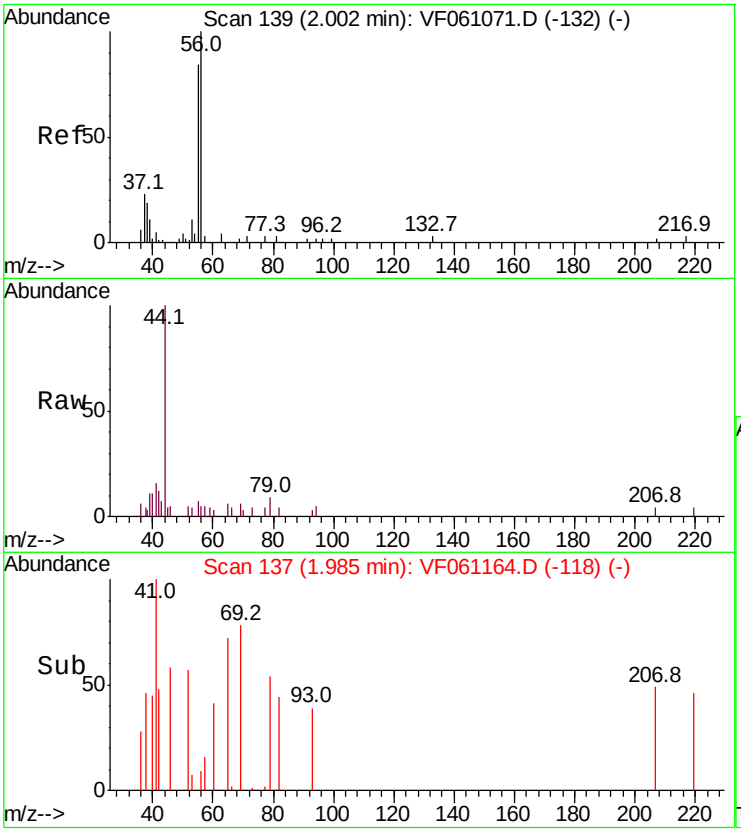


#11
Tert butyl alcohol
Concen: 1.255 ug/l
RT: 2.59 min Scan# 198
Delta R.T. 0.02 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Tgt Ion: 59 Resp: 135

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.5	17.3#



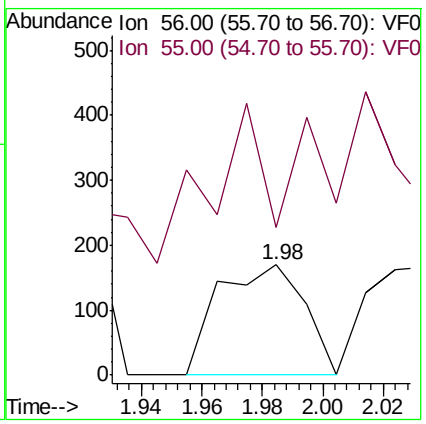


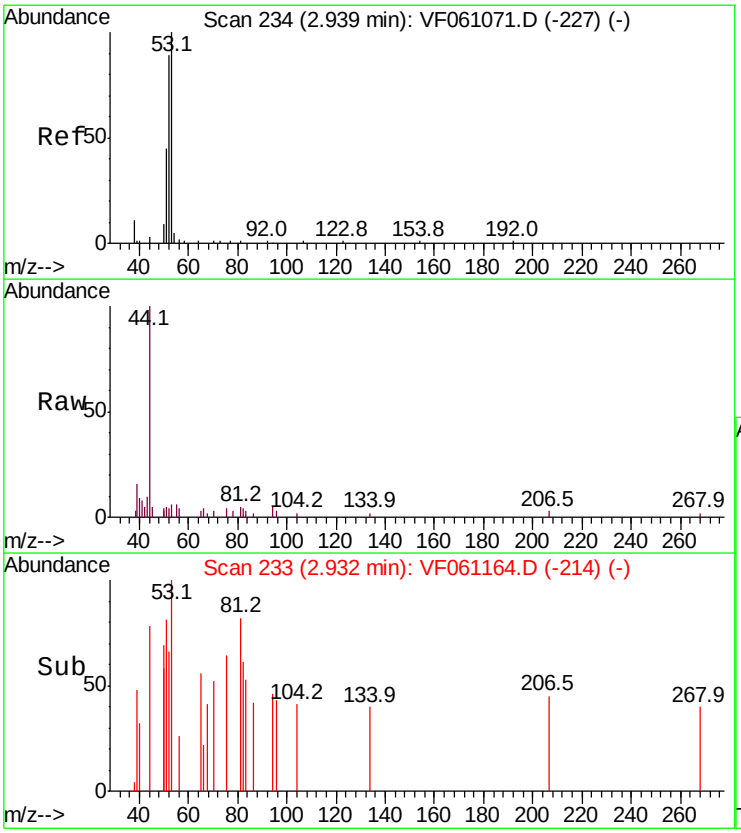
#13
Acrolein
Concen: 4.283 ug/l
RT: 1.98 min Scan# 137
Delta R.T. -0.02 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 333

Ion	Ratio	Lower	Upper
56	100		
55	134.1	70.2	105.2#

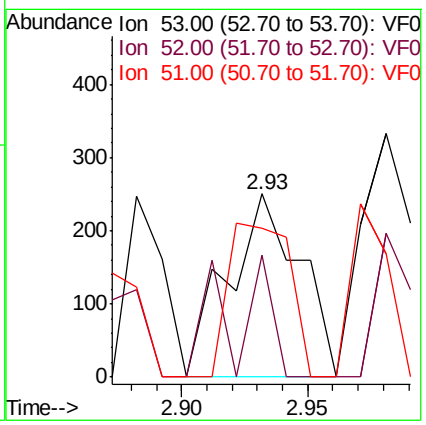


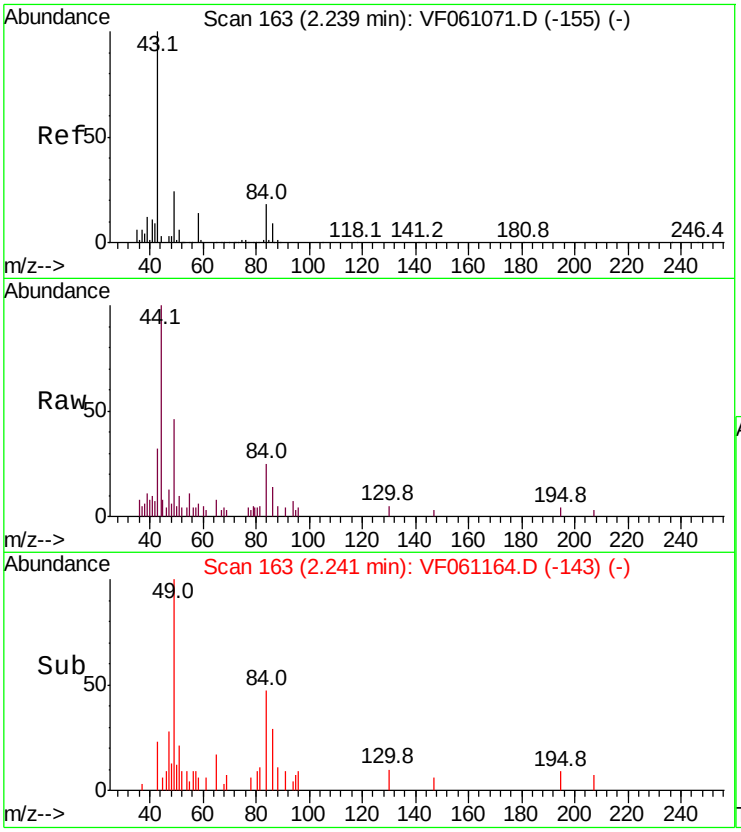


#15
Acrylonitrile
Concen: 1.986 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.01 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Tgt Ion: 53 Resp: 494

Ion	Ratio	Lower	Upper
53	100		
52	66.4	71.3	106.9#
51	81.2	36.8	55.2#



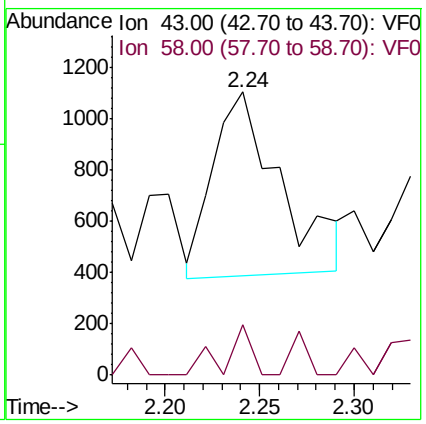


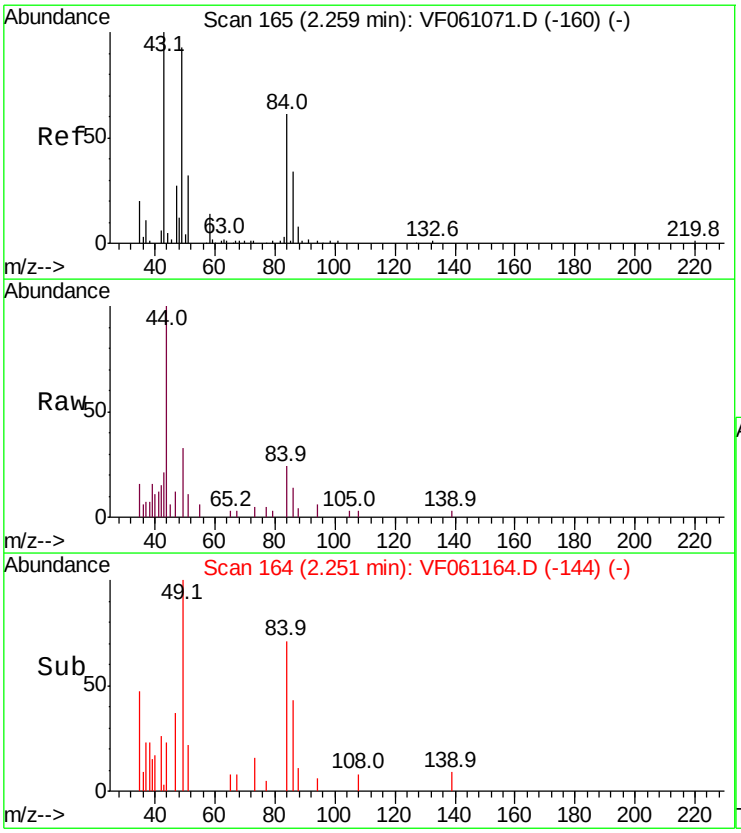
#16
Acetone
Concen: 3.332 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1776

Ion	Ratio	Lower	Upper
43	100		
58	17.9	11.1	16.7#

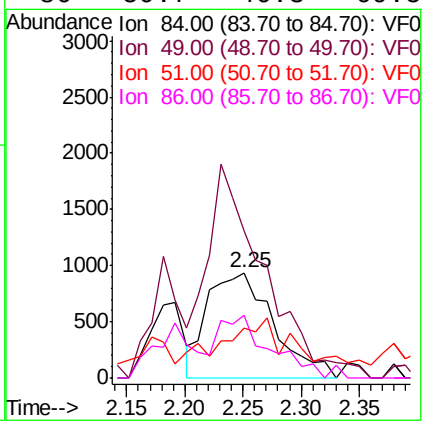


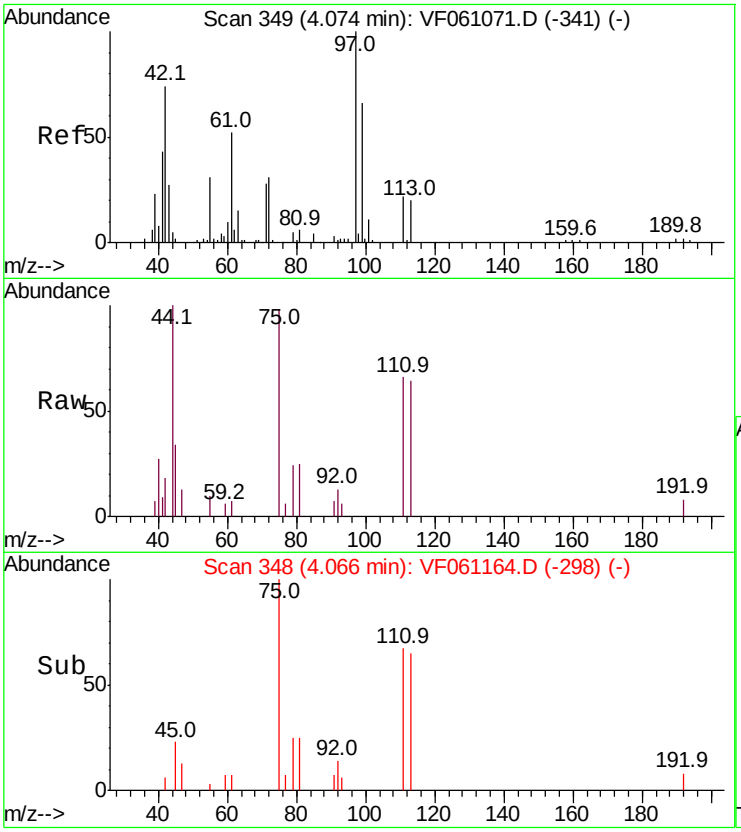


#20
Methylene Chloride
Concen: Below Cal
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Tgt Ion: 84 Resp: 3684

Ion	Ratio	Lower	Upper
84	100		
49	140.1	129.4	194.2
51	47.2	44.0	66.0
86	59.7	46.3	69.5



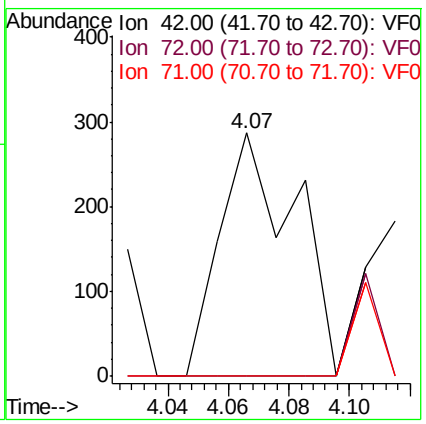


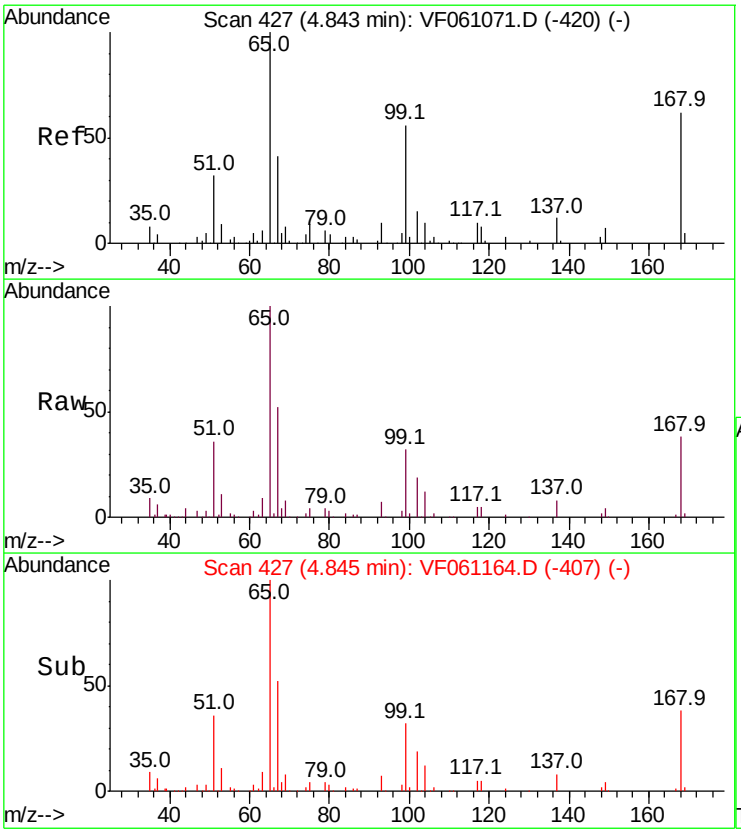
#29
Tetrahydrofuran
Concen: 1.415 ug/l
RT: 4.07 min Scan# 348
Delta R.T. -0.01 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 498

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.8	47.8#
71	0.0	29.7	44.5#

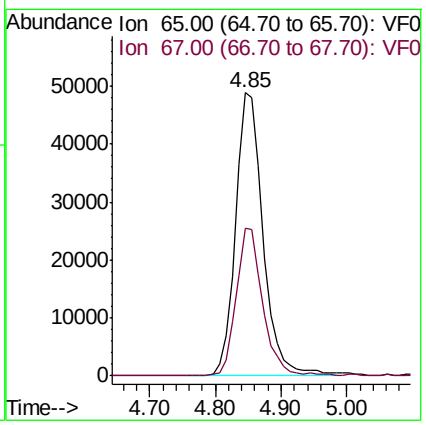


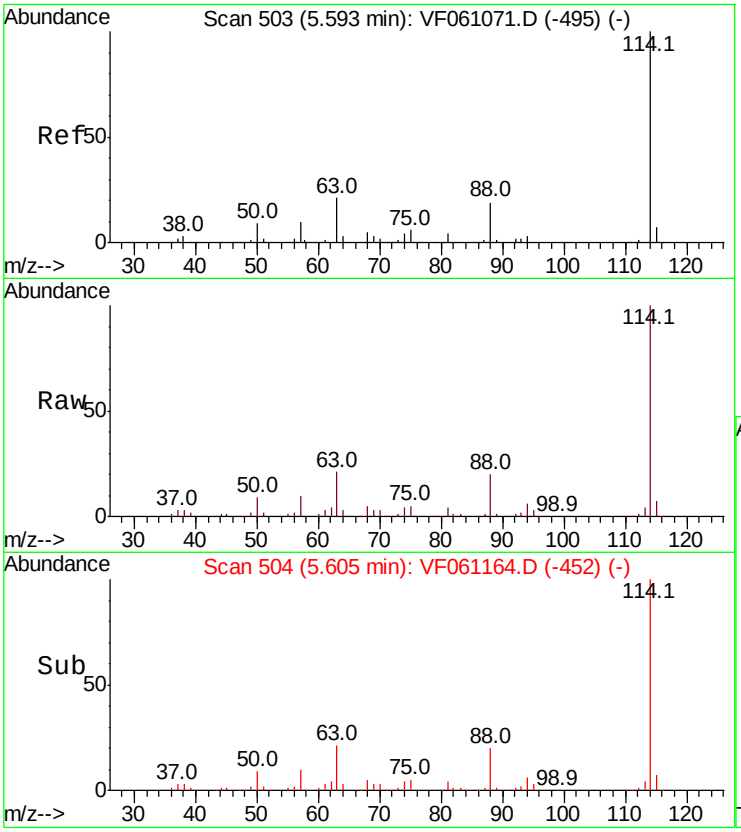


#33
1,2-Dichloroethane-d4
Concen: 53.815 ug/l
RT: 4.85 min Scan# 427
Delta R.T. 0.00 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Tgt Ion: 65 Resp: 143476

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	94.6



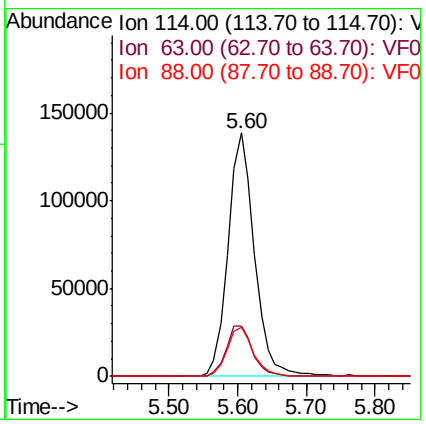


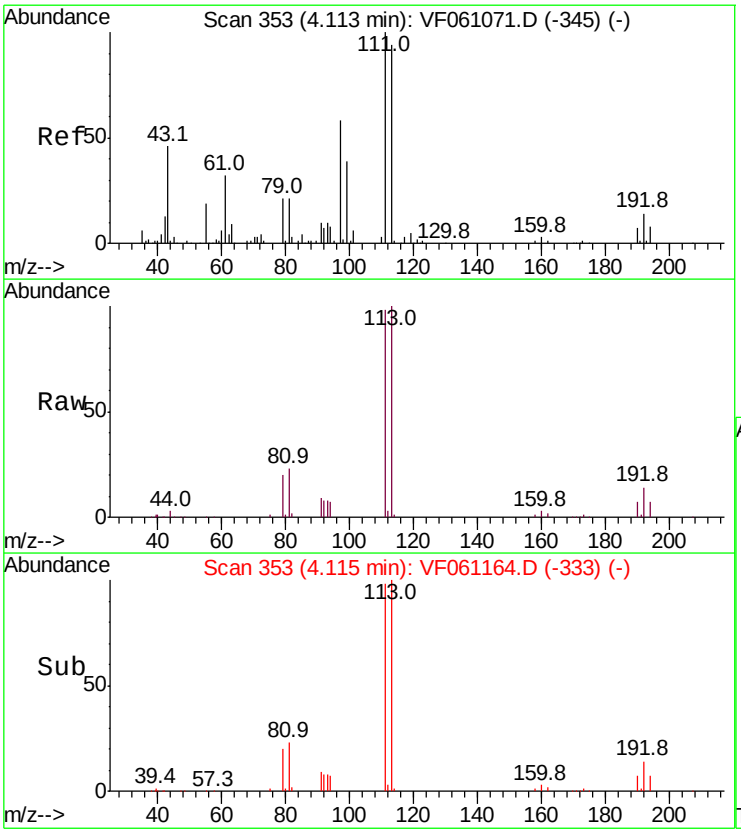
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 367306

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.6
88	20.0	0.0	38.0

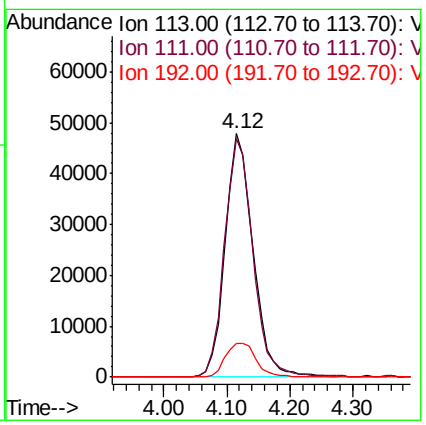


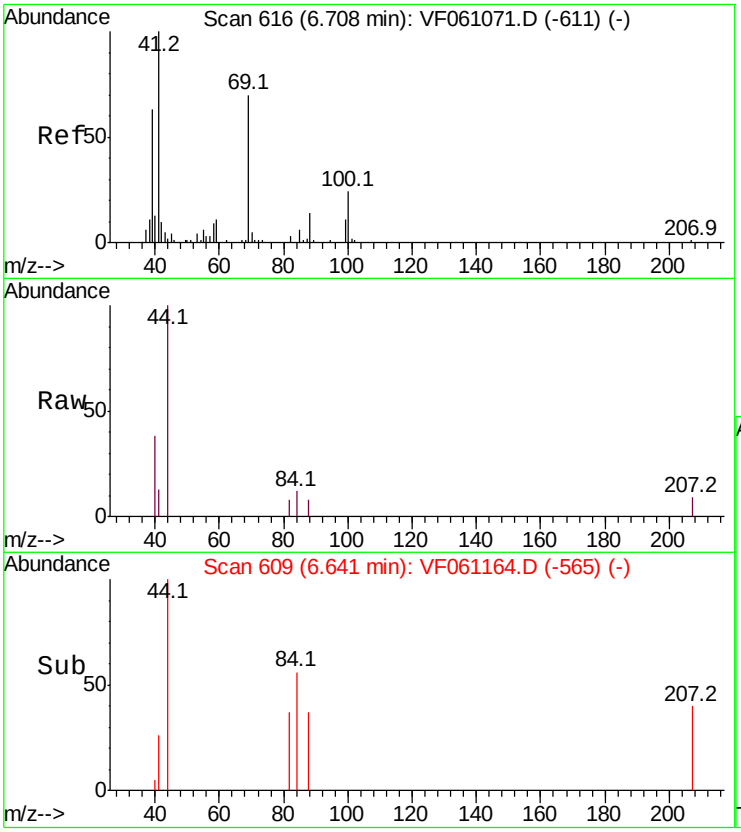


#35
Dibromofluoromethane
Concen: 49.631 ug/l
RT: 4.12 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Tgt Ion:113 Resp: 146032

Ion	Ratio	Lower	Upper
113	100		
111	97.7	85.2	127.8
192	13.6	12.8	19.2



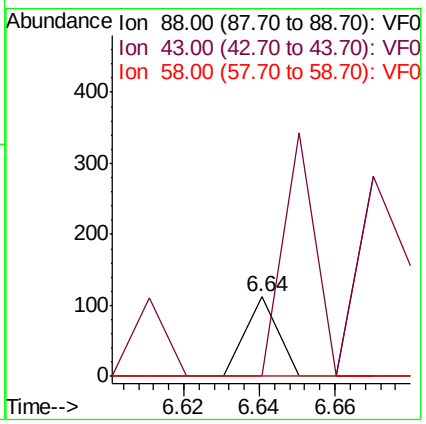


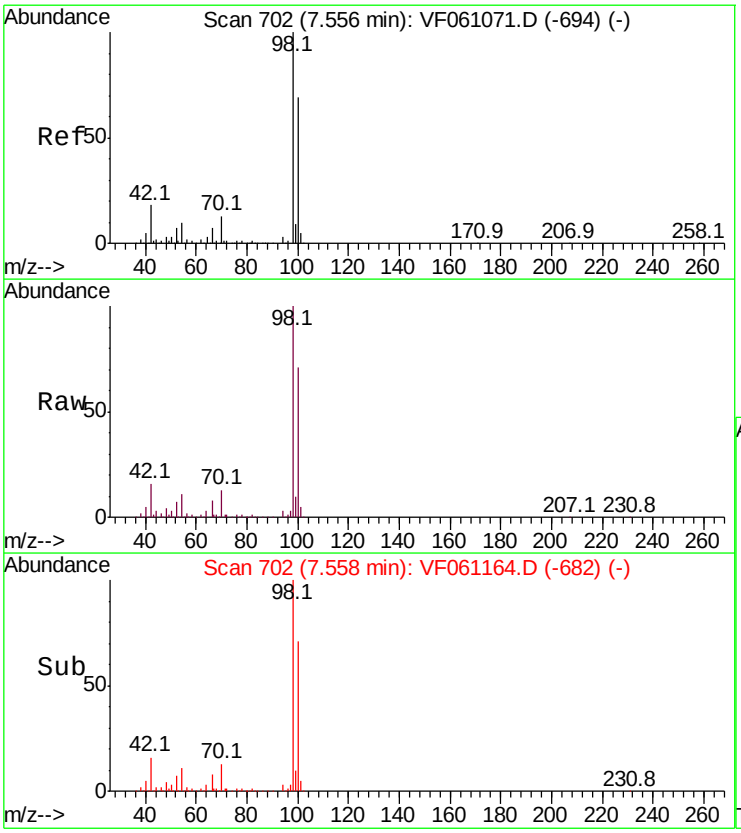
#49
1,4-Dioxane
Concen: 6.086 ug/l
RT: 6.64 min Scan# 609
Delta R.T. -0.07 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
43	0.0	33.3	49.9#
58	0.0	53.2	79.8#

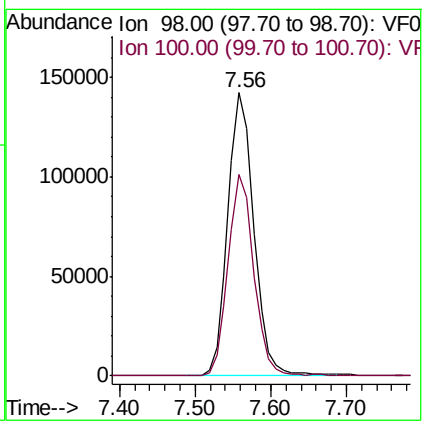


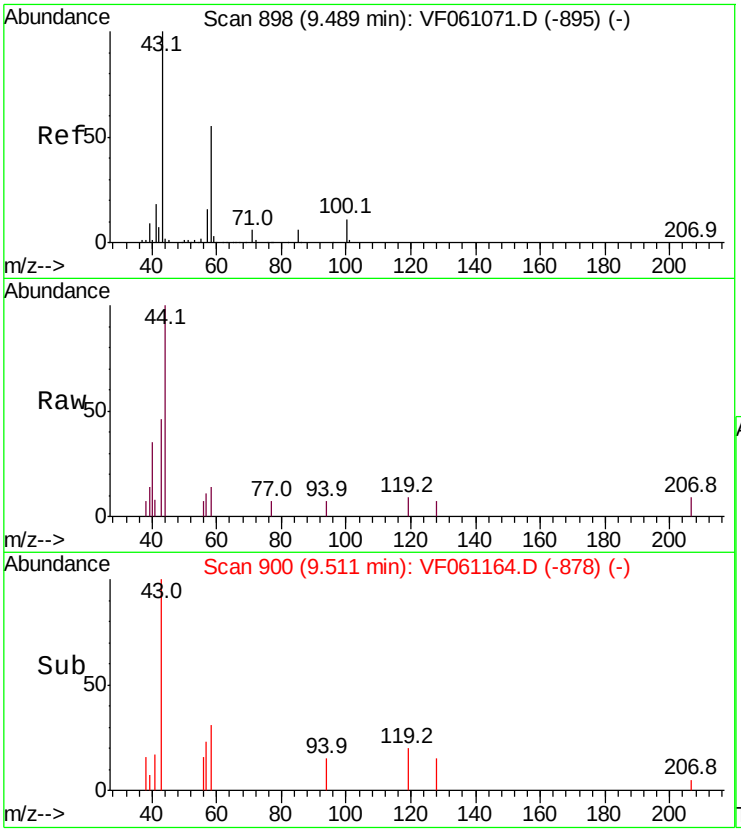


#50
Toluene-d8
Concen: 40.631 ug/l
RT: 7.56 min Scan# 702
Delta R.T. 0.00 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Tgt Ion: 98 Resp: 338790

Ion	Ratio	Lower	Upper
98	100		
100	71.4	55.3	82.9



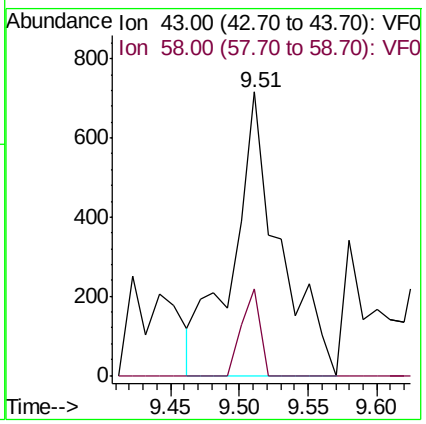


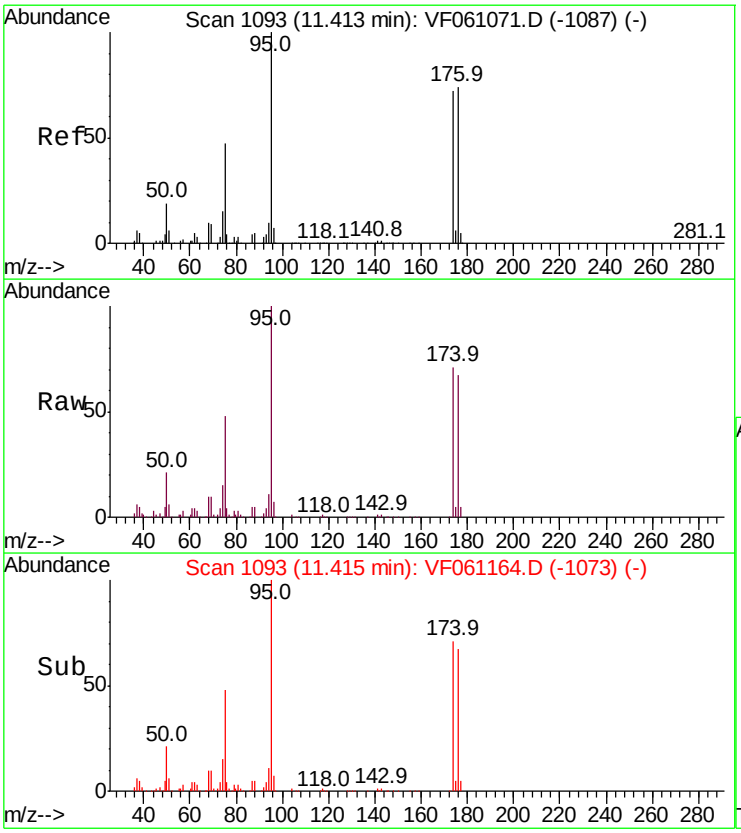
#59
2-Hexanone
Concen: 1.597 ug/l
RT: 9.51 min Scan# 900
Delta R.T. 0.02 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1696

Ion	Ratio	Lower	Upper
43	100		
58	30.7	25.1	75.2

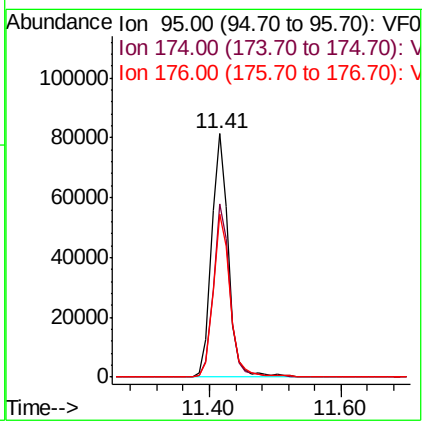


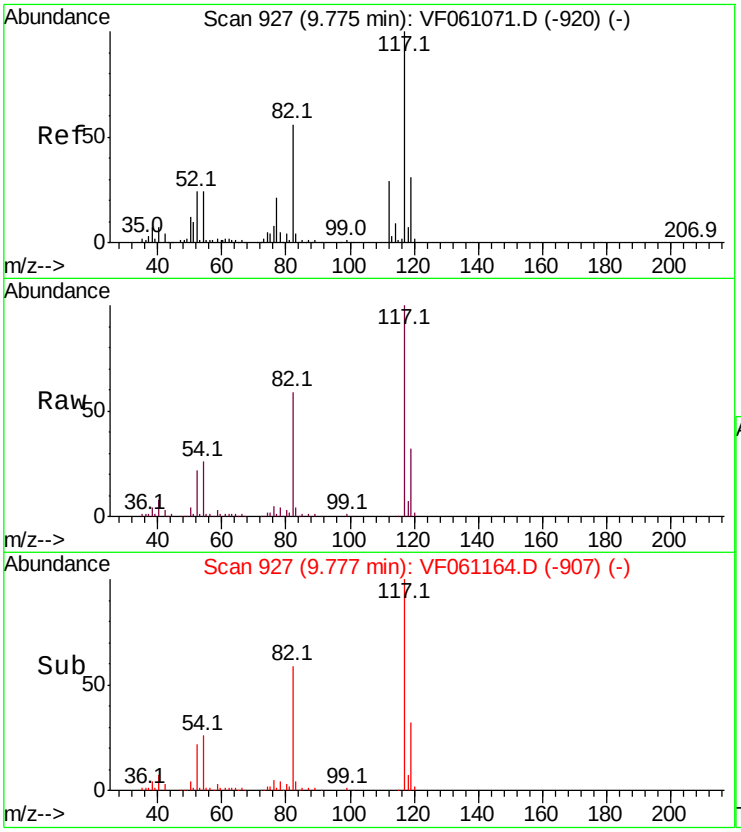


#62
4-Bromofluorobenzene
Concen: 37.027 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Tgt Ion: 95 Resp: 142332

Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	143.8
176	66.7	0.0	147.6



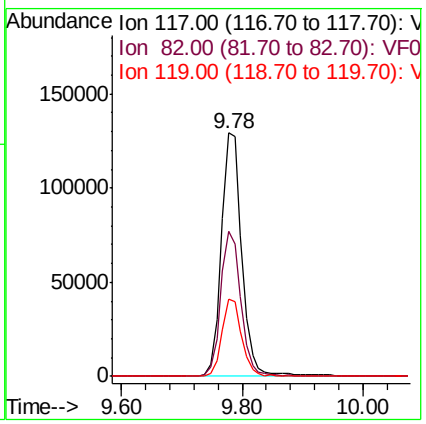


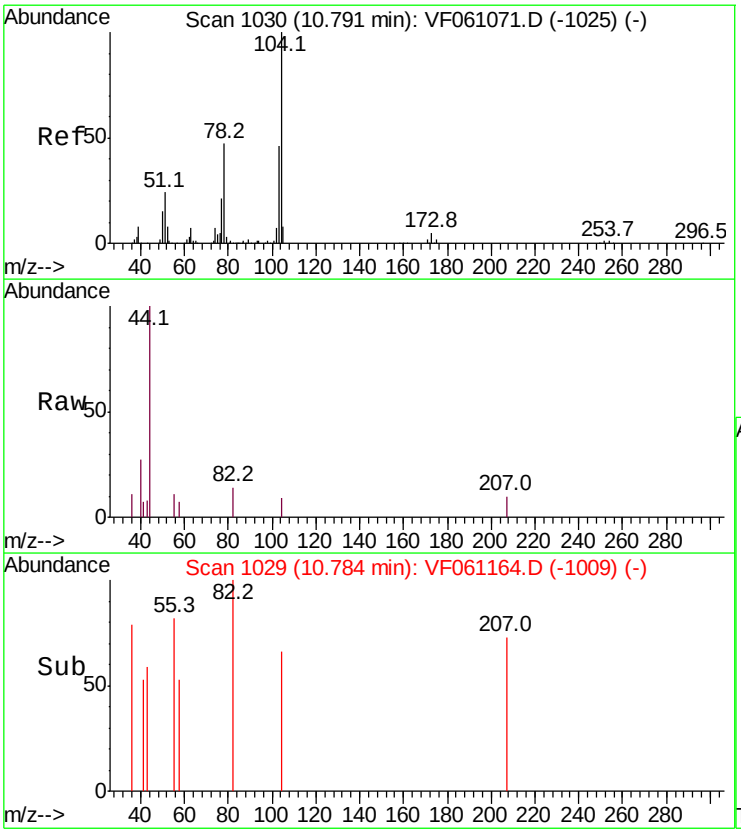
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. 0.00 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 305070

Ion	Ratio	Lower	Upper
117	100		
82	59.3	45.0	67.4
119	31.6	24.8	37.2

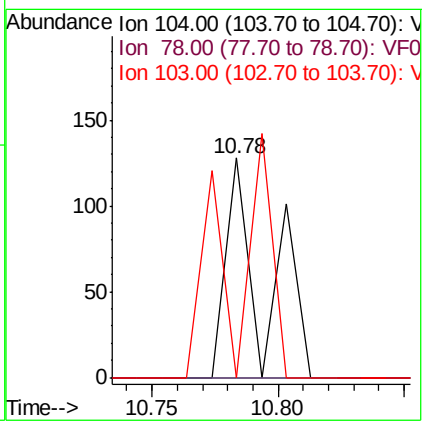


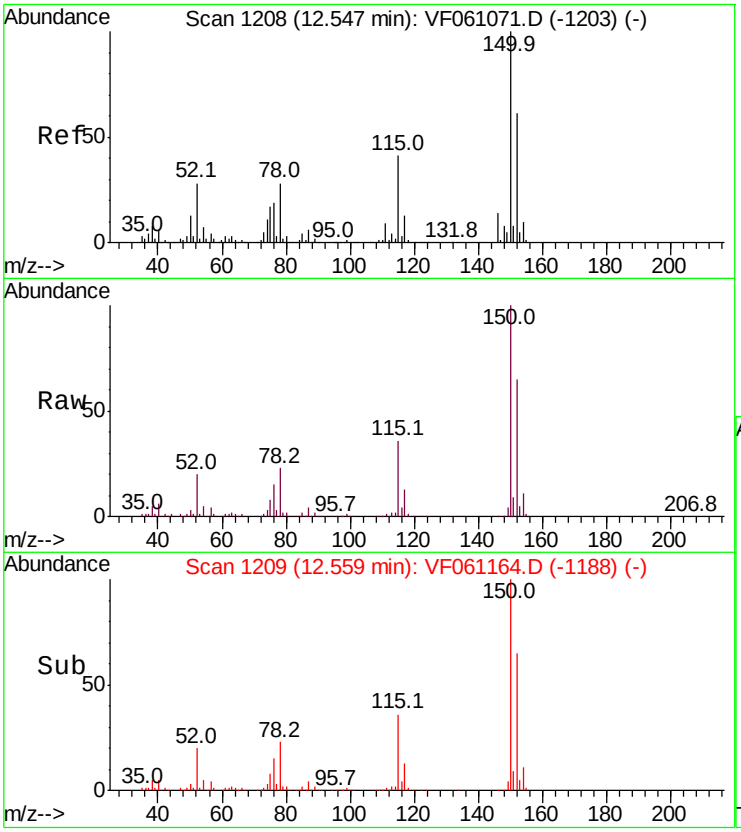


#70
Styrene
Concen: Below Cal
RT: 10.78 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Tgt Ion:104 Resp: 136

Ion	Ratio	Lower	Upper
104	100		
78	0.0	38.4	57.6#
103	0.0	37.0	55.6#



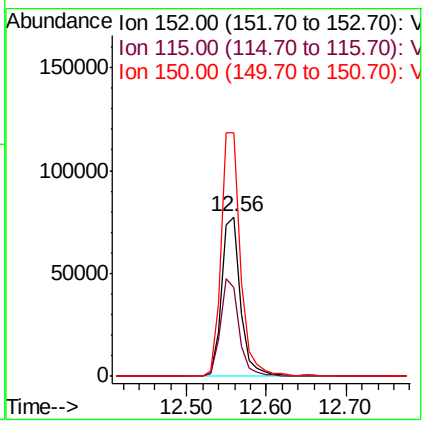


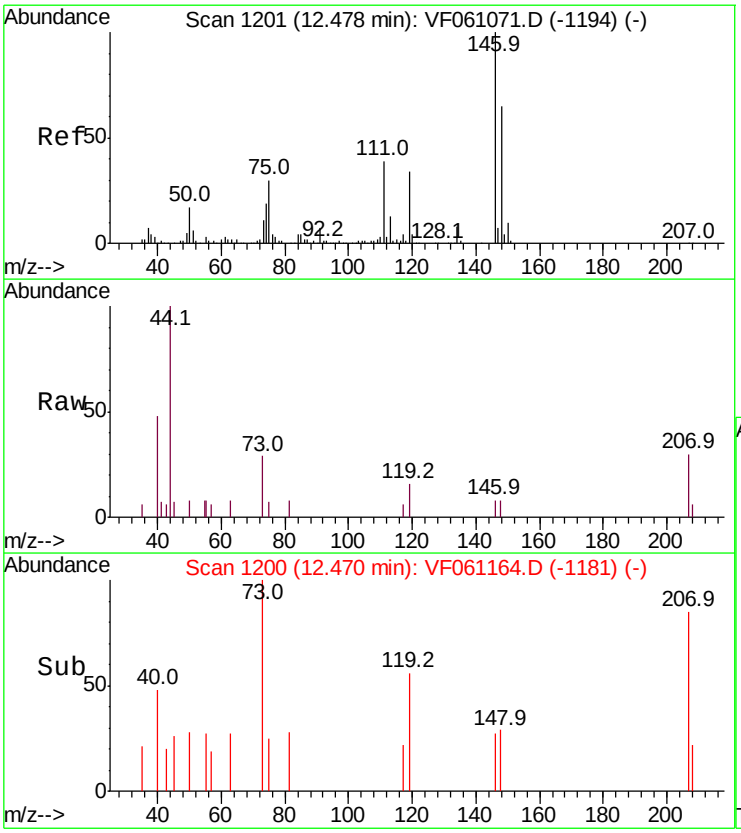
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 130750

Ion	Ratio	Lower	Upper
152	100		
115	55.4	33.3	99.9
150	152.8	0.0	328.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.47 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Tgt Ion:146 Resp: 176

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.3	57.9#
148	107.0	32.4	97.2#