Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110518\
Data File : VF060581.D
Acq On : 5 Nov 2018 19:43
Operator : VA/AP
Sample : J5741-19RE
Misc : 6.72/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 06 06:56:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.87	168	249271	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.60	114	482739	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.77	117	377127	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	161546	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.84	65	118631	47.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.20%				
35) Dibromofluoromethane	4.11	113	162390	43.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.08%				
50) Toluene-d8	7.55	98	414022	37.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 74.94%				
62) 4-Bromofluorobenzene	11.41	95	162576	33.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 67.28%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.96	85	284	Below Cal	#		41
6) Chloroethane	1.39	64	145	Below Cal	#		1
8) Diethyl Ether	1.62	74	1310	1.879	ug/l		80
11) Tert butyl alcohol	2.57	59	376	Below Cal	#		1
13) Acrolein	2.00	56	959	Below Cal	#		39
15) Acrylonitrile	2.98	53	533	1.776	ug/l	#	27
16) Acetone	2.24	43	5233	8.818	ug/l	#	90
18) Methyl Acetate	2.32	43	996	1.549	ug/l	#	64
20) Methylene Chloride	2.18	84	18205	5.480	ug/l		95
25) 2-Butanone	4.33	43	3556	Below Cal	#		56
29) Tetrahydrofuran	4.07	42	488	Below Cal	#		48
49) 1,4-Dioxane	6.70	88	65	3.063	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.27	43	4919	2.266	ug/l	#	66
52) Toluene	7.62	92	27318	3.250	ug/l		88
59) 2-Hexanone	9.51	43	5251	Below Cal	#		56
74) N-amyl acetate	11.39	43	974	Below Cal	#		65
89) n-Butylbenzene	12.84	91	2020	Below Cal			81

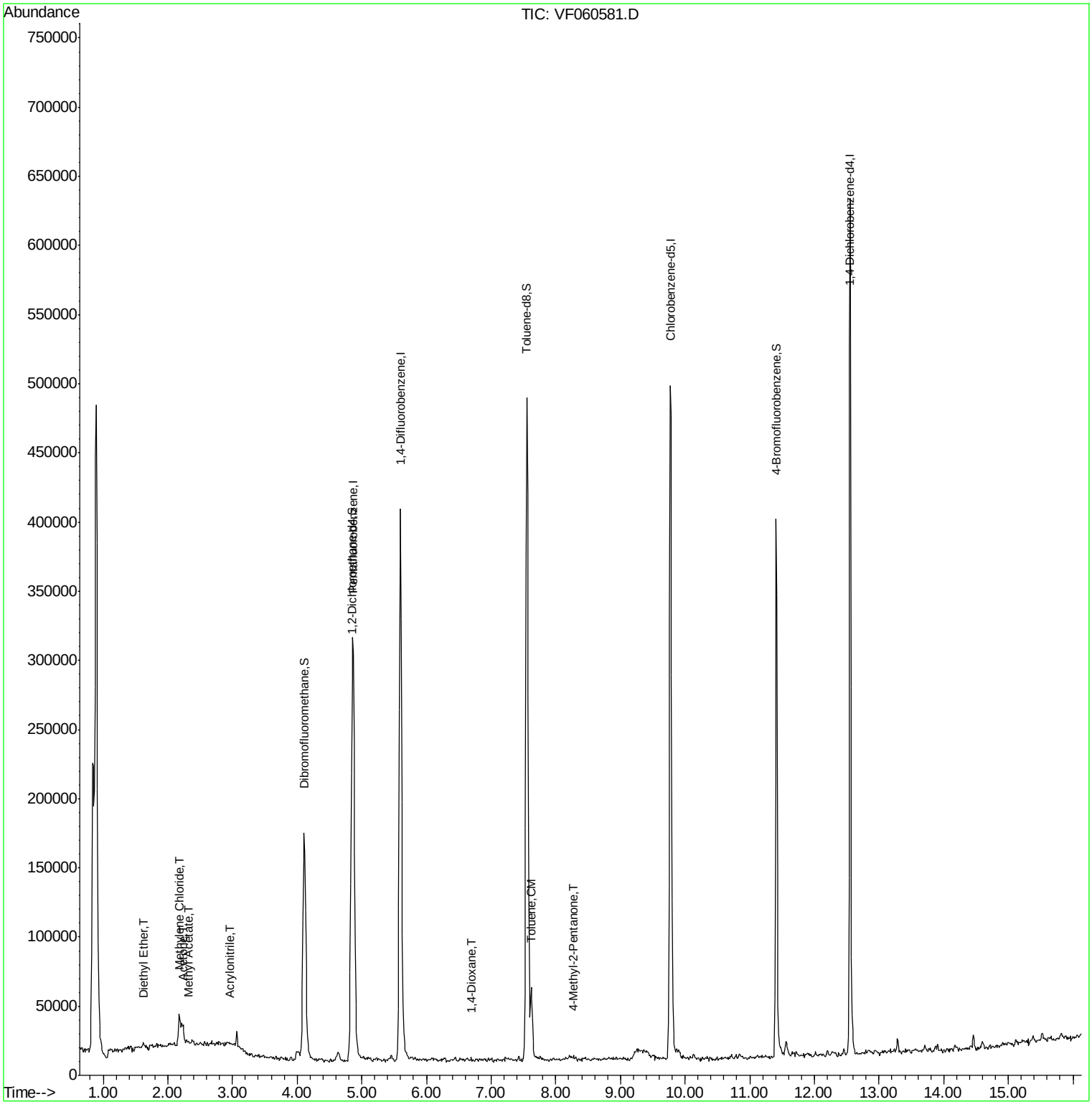
(#) = qualifier out of range (m) = manual integration (+) = signals summed

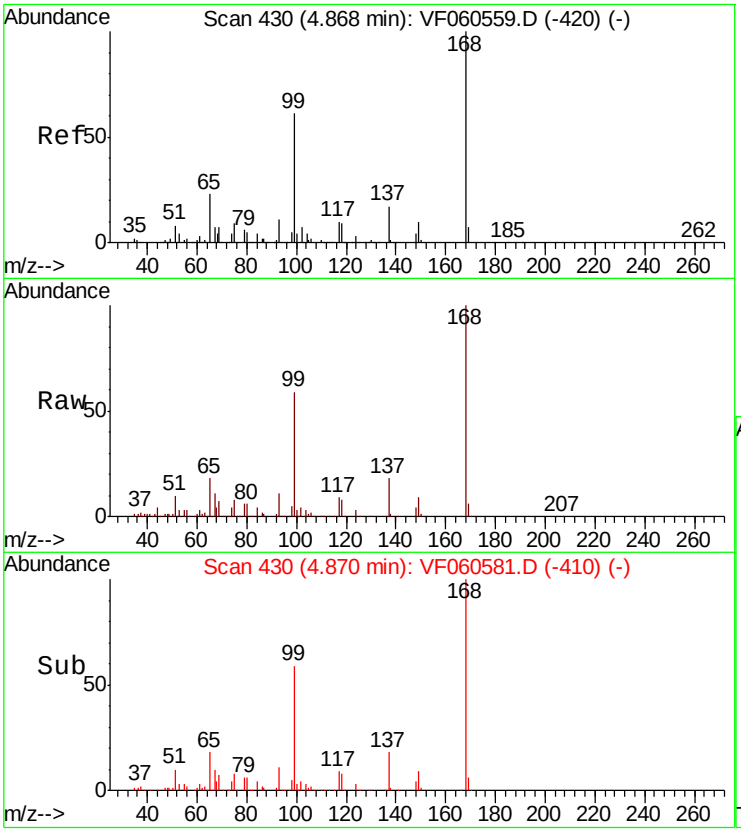
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
Data File : VF060581.D
Acq On : 5 Nov 2018 19:43
Operator : VA/AP
Sample : J5741-19RE
Misc : 6.72/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 06 06:56:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration



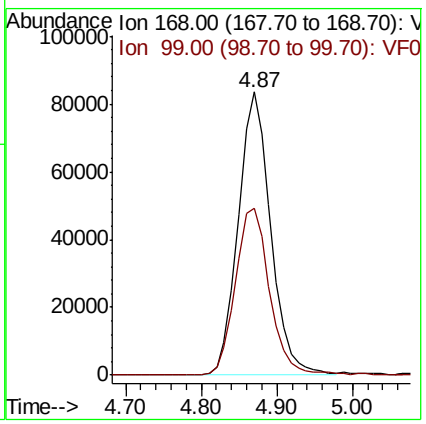


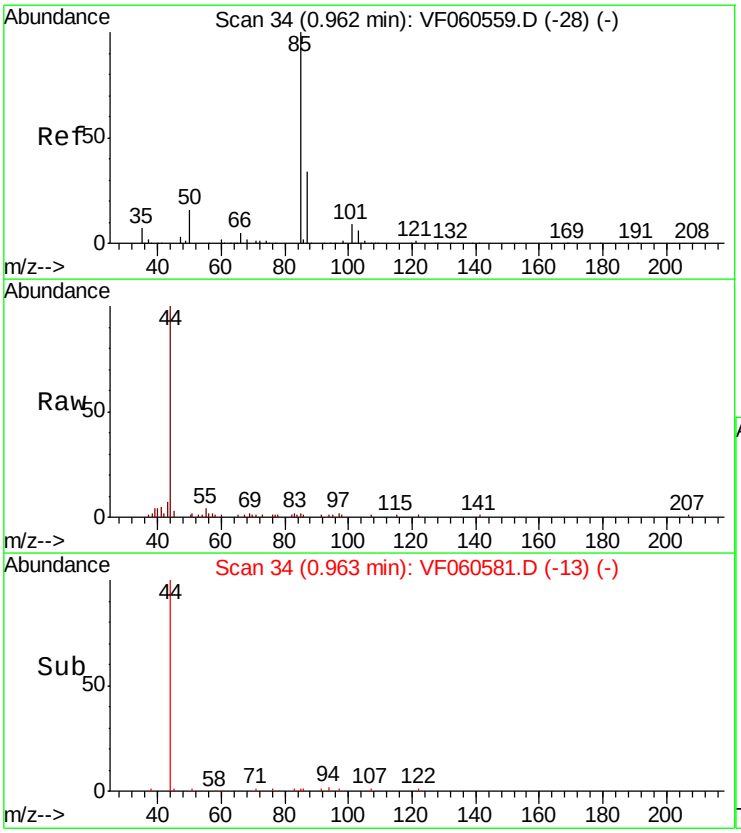
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.00 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Tgt Ion:168 Resp: 249271

Ion	Ratio	Lower	Upper
168	100		
99	59.1	48.6	72.8

Instrument :
MSVOA_F
ClientSampleId :

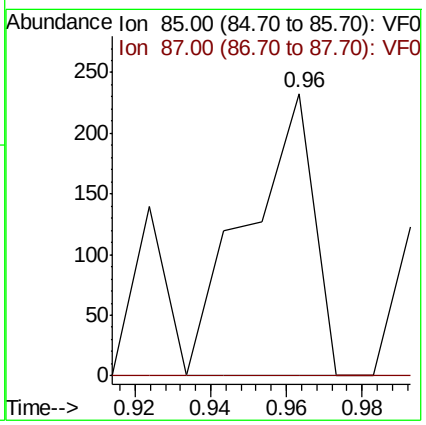


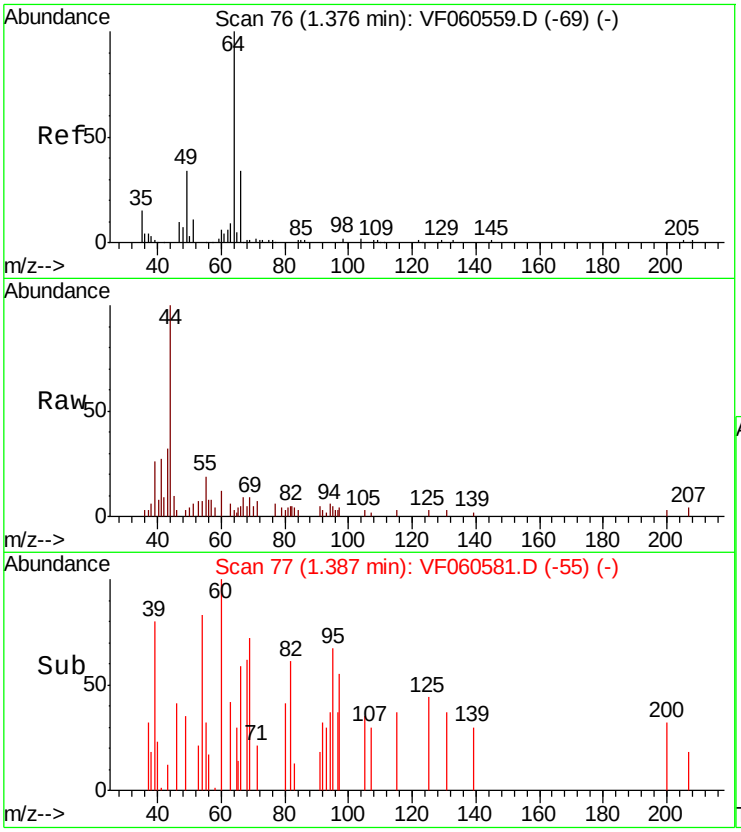


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.96 min Scan# 34
Delta R.T. 0.00 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Tgt Ion: 85 Resp: 284

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



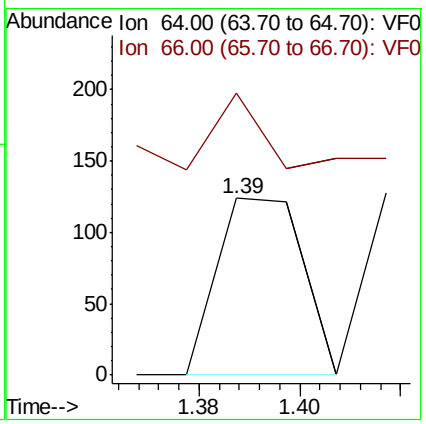


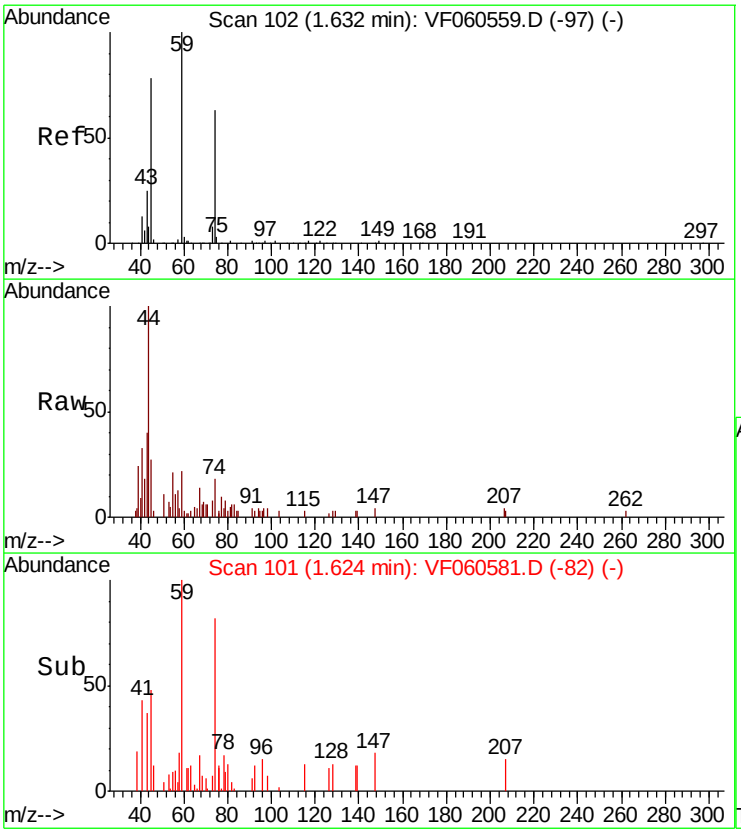
#6
Chloroethane
Concen: Below Cal
RT: 1.39 min Scan# 77
Delta R.T. 0.01 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 64 Resp: 145

Ion	Ratio	Lower	Upper
64	100		
66	159.7	27.8	41.8#

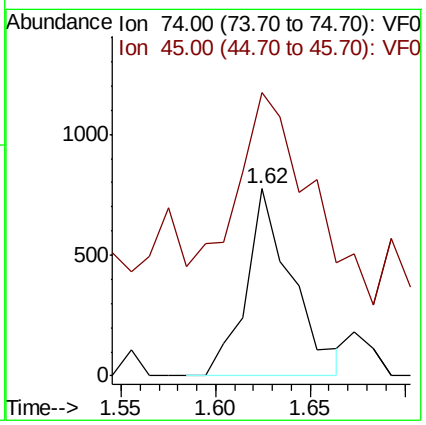


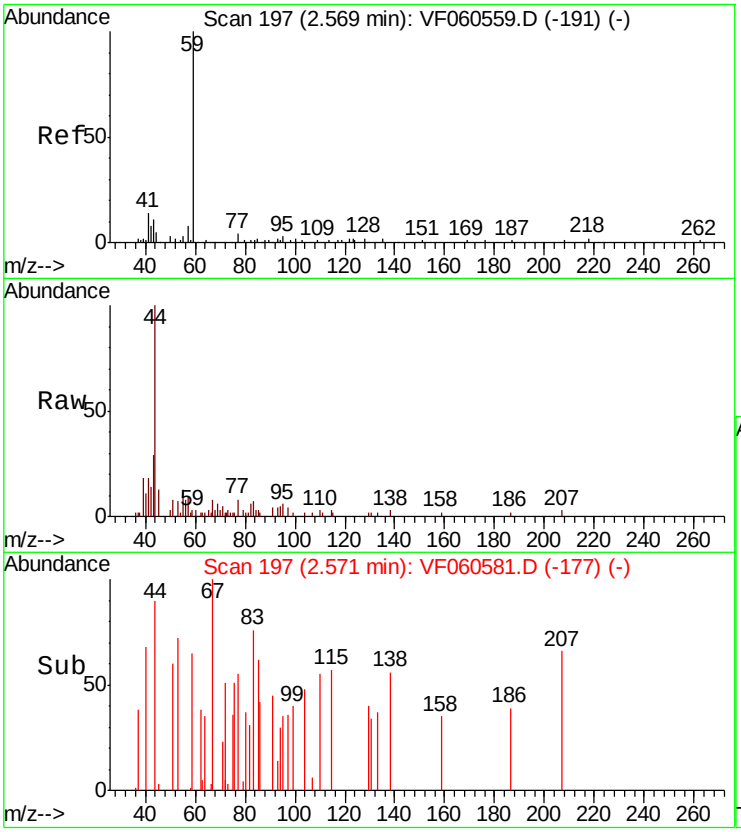


#8
Diethyl Ether
Concen: 1.879 ug/l
RT: 1.62 min Scan# 101
Delta R.T. -0.01 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Tgt Ion: 74 Resp: 1310

Ion	Ratio	Lower	Upper
74	100		
45	151.2	63.8	191.5



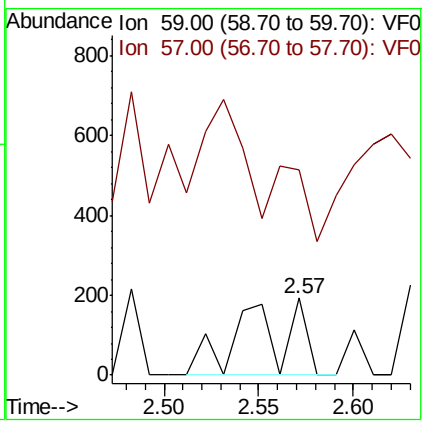


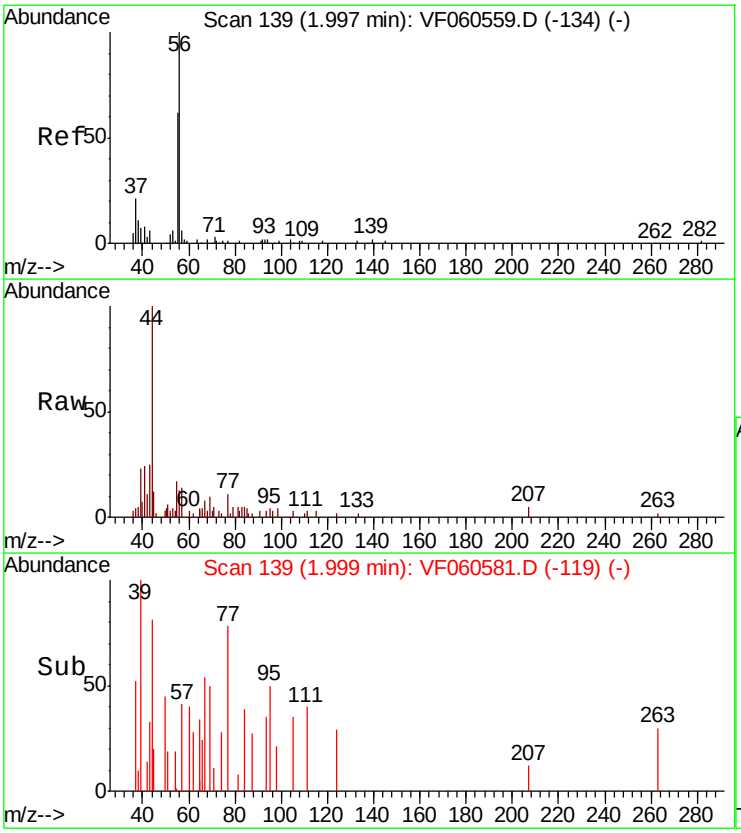
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.57 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 376

Ion	Ratio	Lower	Upper
59	100		
57	267.4	19.0	28.4#

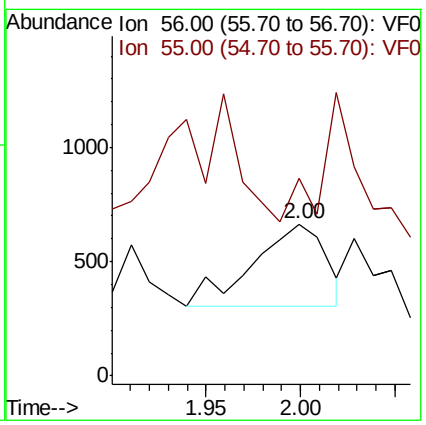


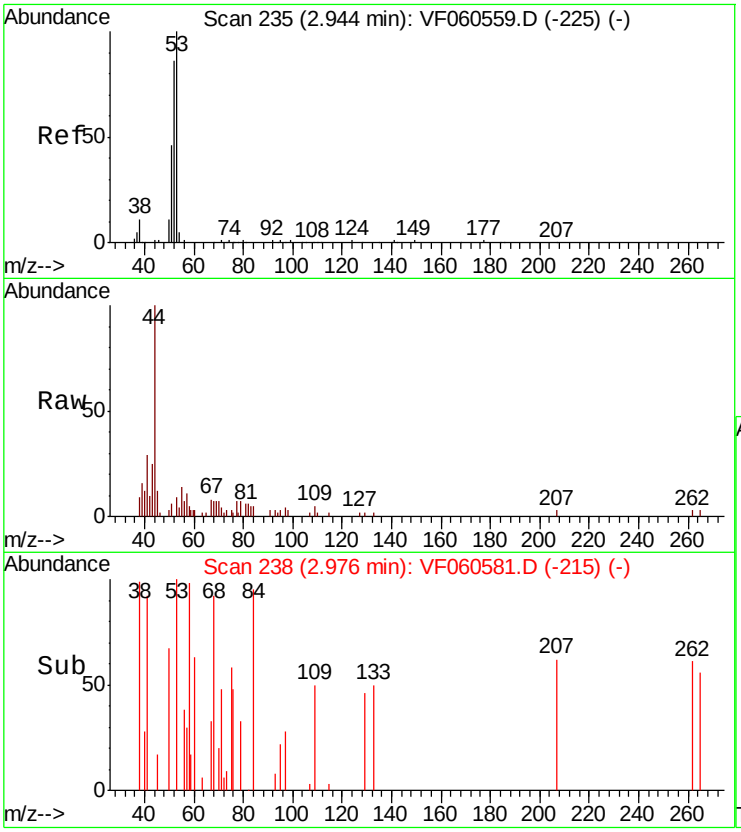


#13
Acrolein
Concen: Below Cal
RT: 2.00 min Scan# 139
Delta R.T. 0.00 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Tgt Ion: 56 Resp: 959

Ion	Ratio	Lower	Upper
56	100		
55	129.9	61.8	92.6#



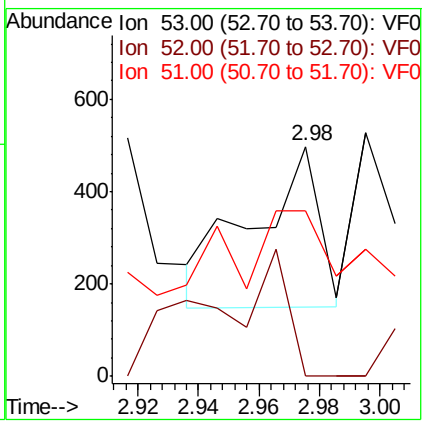


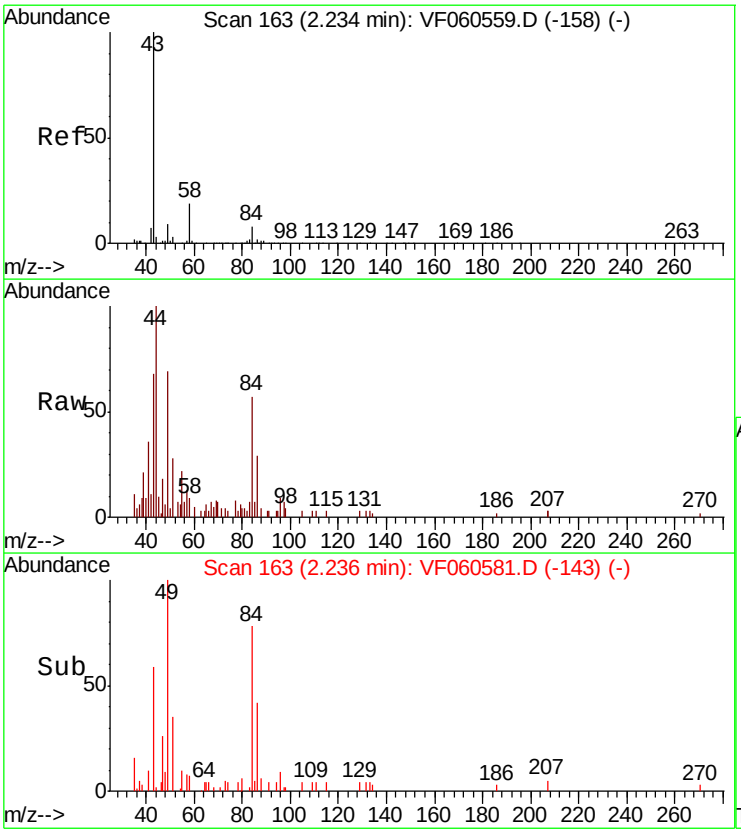
#15
Acrylonitrile
Concen: 1.776 ug/l
RT: 2.98 min Scan# 238
Delta R.T. 0.03 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 533

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.5	102.7#
51	71.9	38.2	57.2#

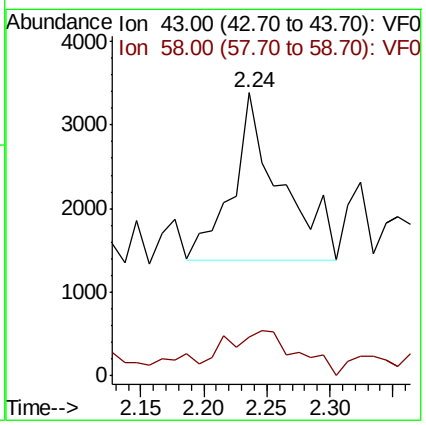


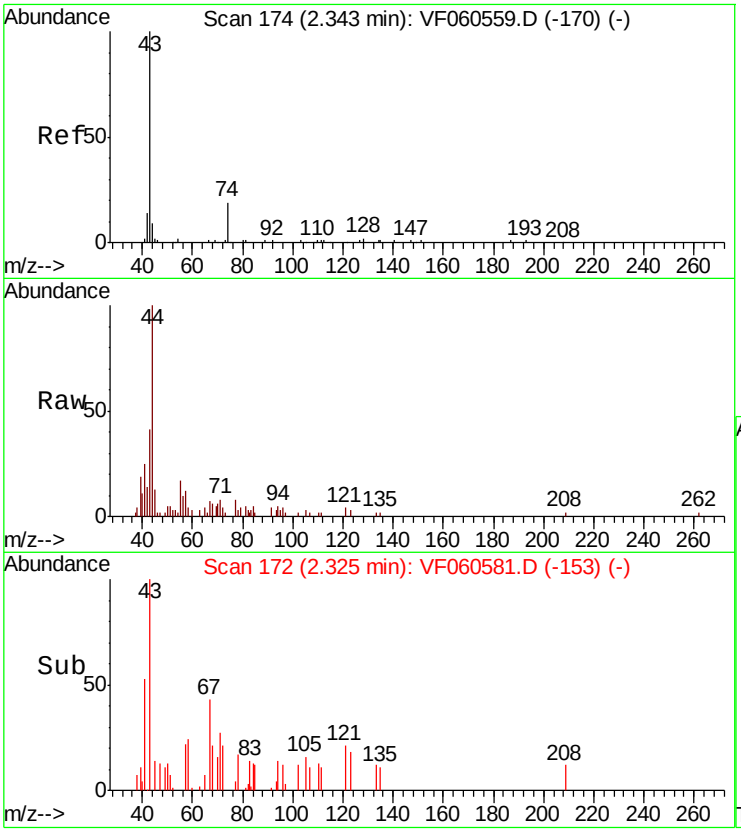


#16
Acetone
Concen: 8.818 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Tgt Ion: 43 Resp: 5233

Ion	Ratio	Lower	Upper
43	100		
58	14.0	14.6	22.0#



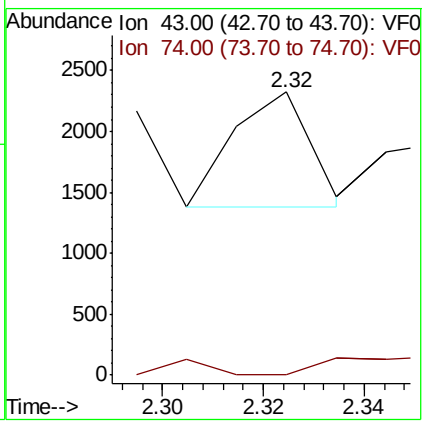


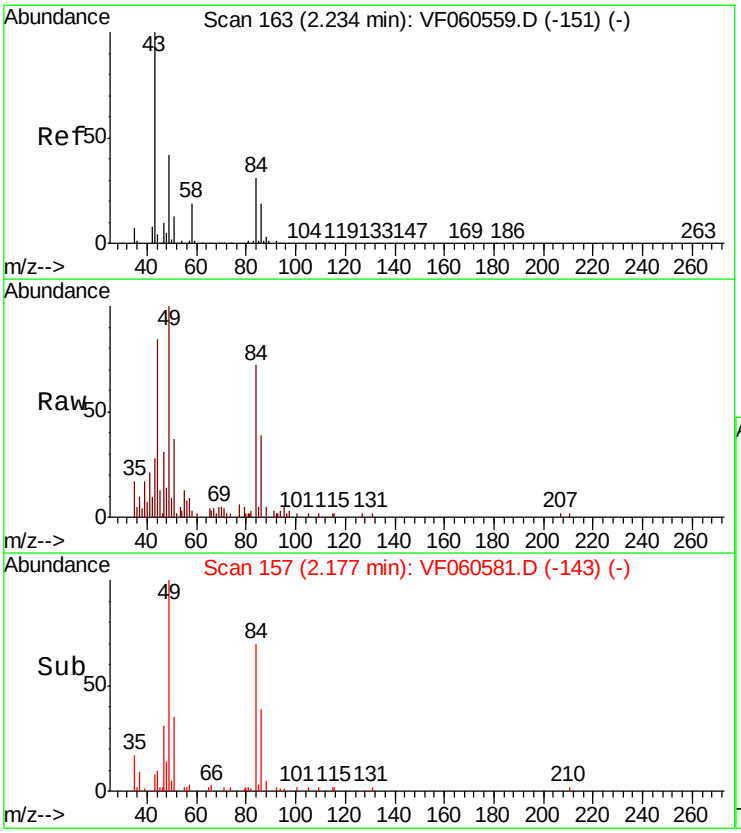
#18
Methyl Acetate
Concen: 1.549 ug/l
RT: 2.32 min Scan# 172
Delta R.T. -0.02 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 996

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#

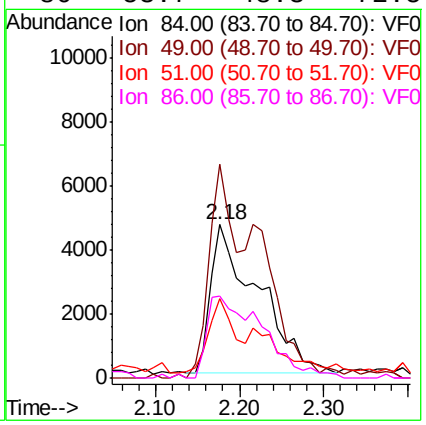


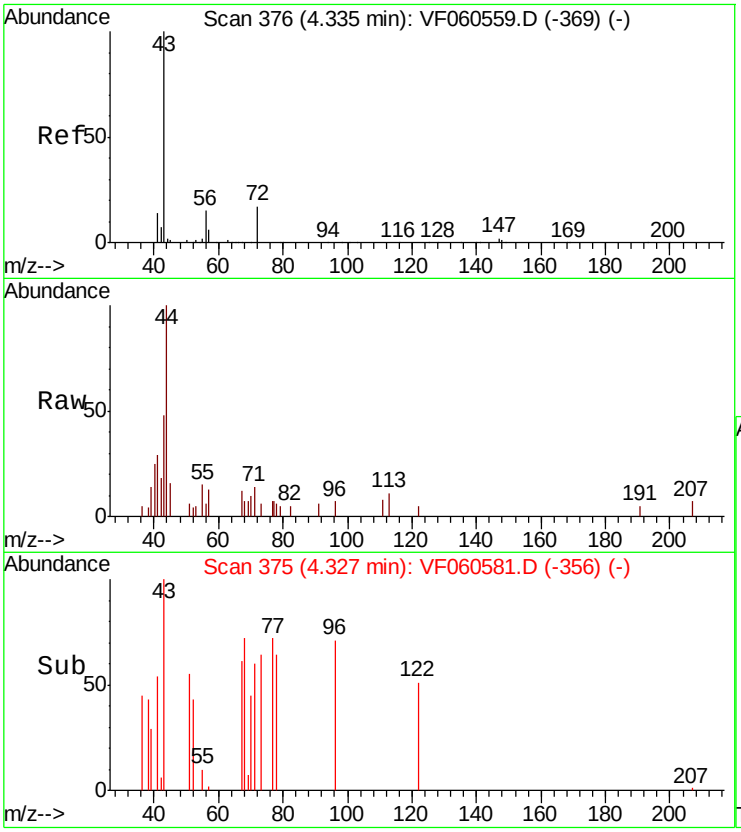


#20
Methylene Chloride
Concen: 5.480 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.06 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Tgt Ion: 84 Resp: 18205

Ion	Ratio	Lower	Upper
84	100		
49	139.3	109.9	164.9
51	52.0	35.8	53.8
86	53.7	48.3	72.5



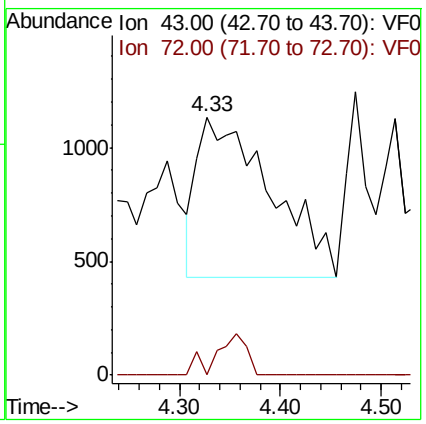


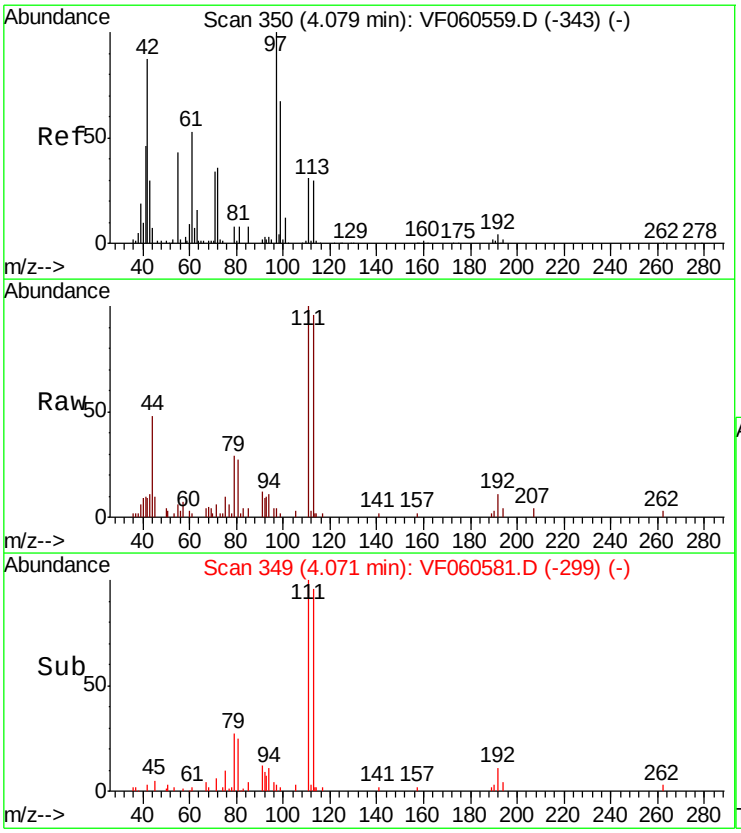
#25
2-Butanone
Concen: Below Cal
RT: 4.33 min Scan# 375
Delta R.T. -0.01 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3556

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.2#

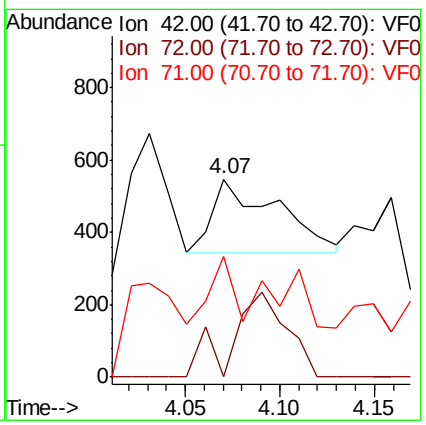


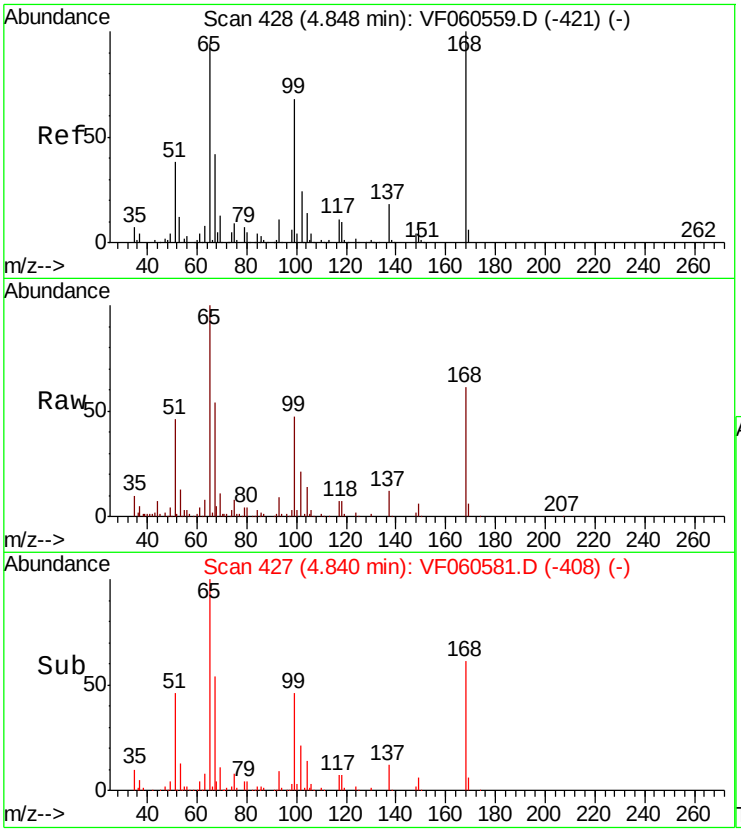


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.07 min Scan# 349
Delta R.T. -0.01 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Tgt Ion: 42 Resp: 488

Ion	Ratio	Lower	Upper
42	100		
72	97.3	31.4	47.0#
71	33.4	31.8	47.6



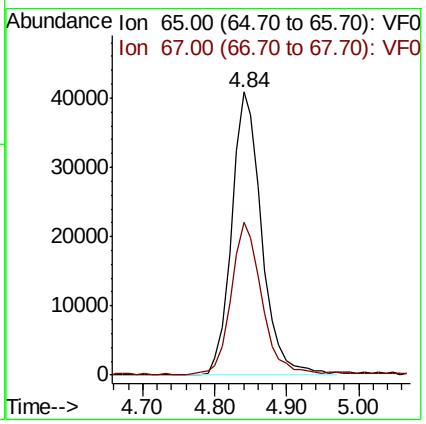


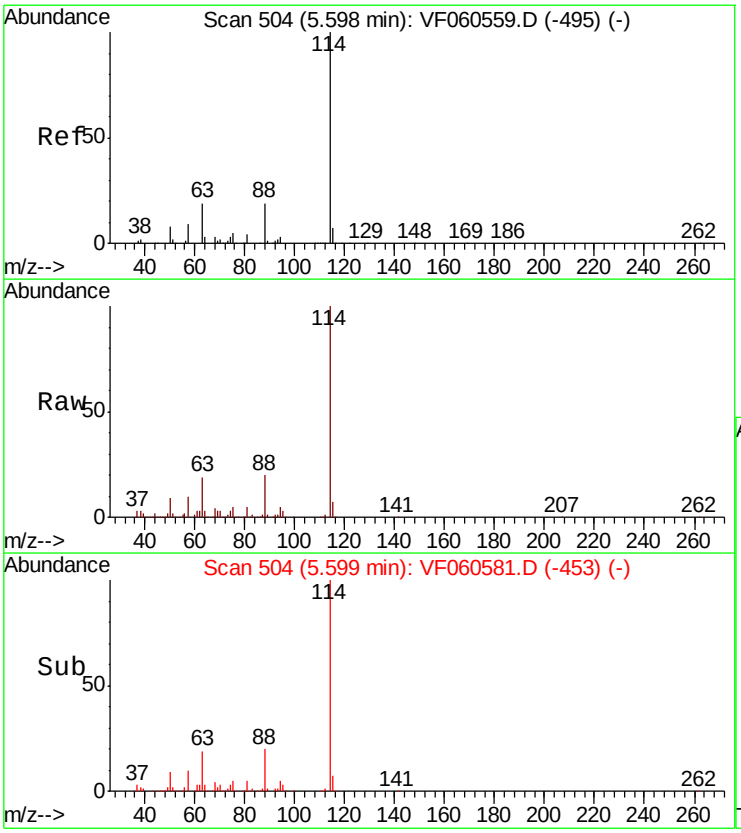
#33
1,2-Dichloroethane-d4
Concen: 47.103 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.01 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 118631

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	101.8

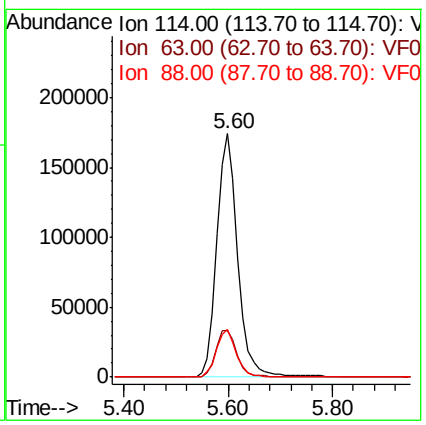


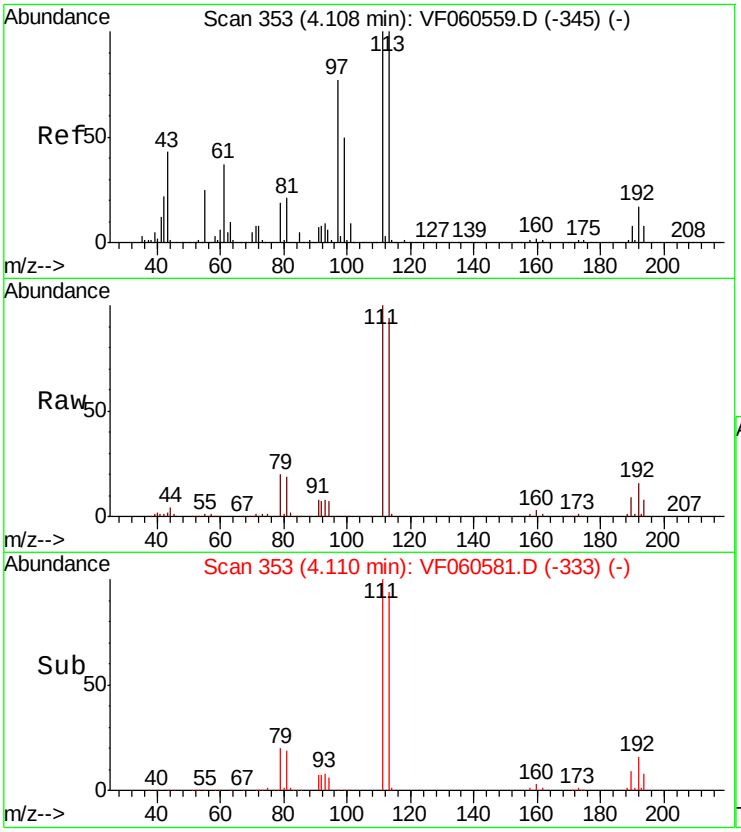


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.00 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Tgt Ion:114 Resp: 482739

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.0
88	19.7	0.0	38.2



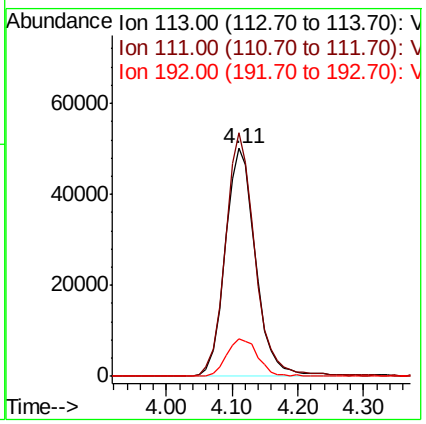


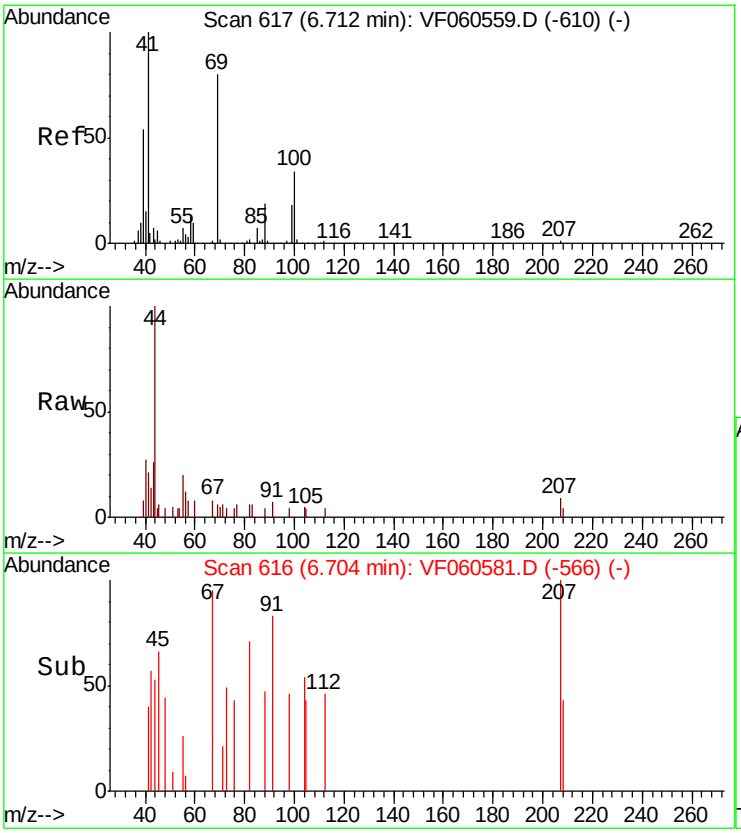
#35
Dibromofluoromethane
Concen: 43.541 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 162390

Ion	Ratio	Lower	Upper
113	100		
111	106.9	79.9	119.9
192	16.6	13.3	19.9

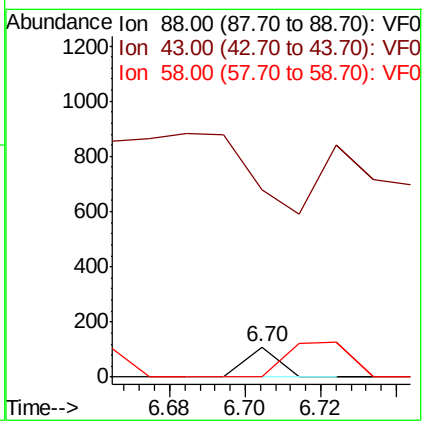


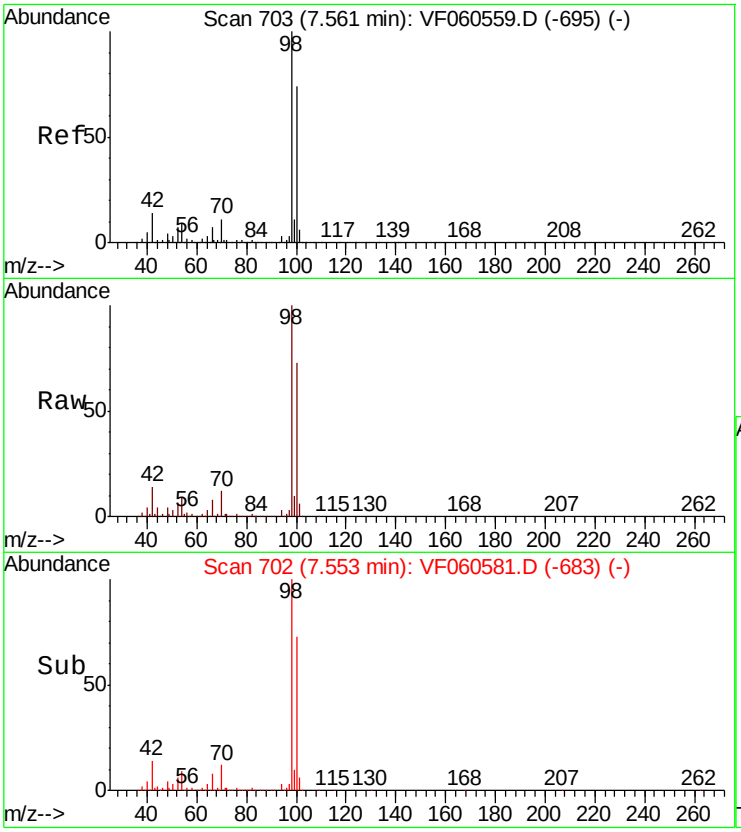


#49
1,4-Dioxane
Concen: 3.063 ug/l
RT: 6.70 min Scan# 616
Delta R.T. -0.01 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
43	619.1	61.2	91.8#
58	0.0	56.9	85.3#



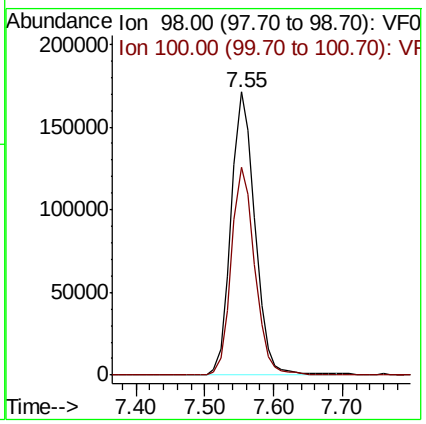


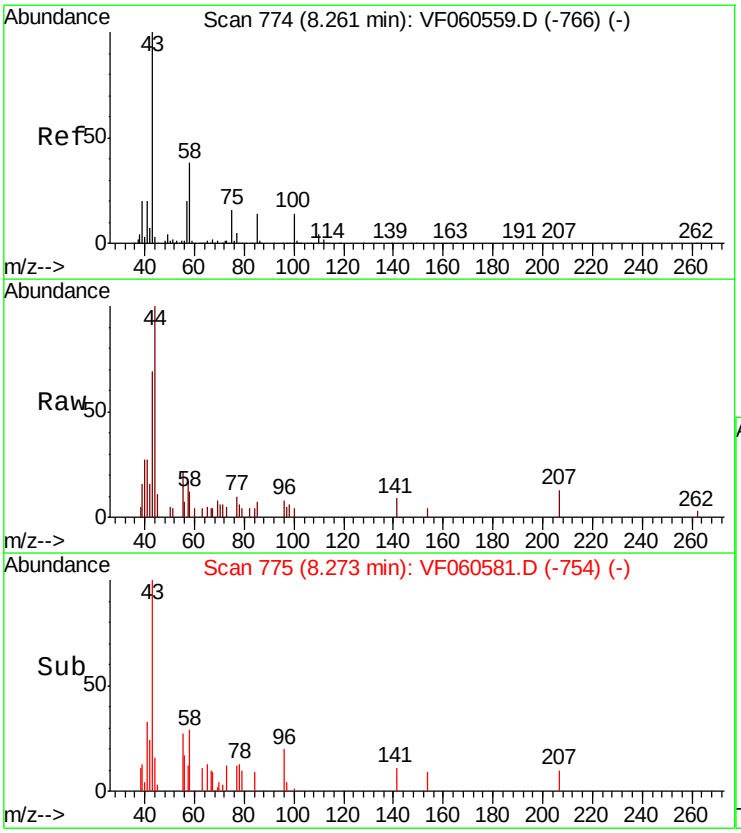
#50
Toluene-d8
Concen: 37.474 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 414022

Ion	Ratio	Lower	Upper
98	100		
100	73.4	59.4	89.2

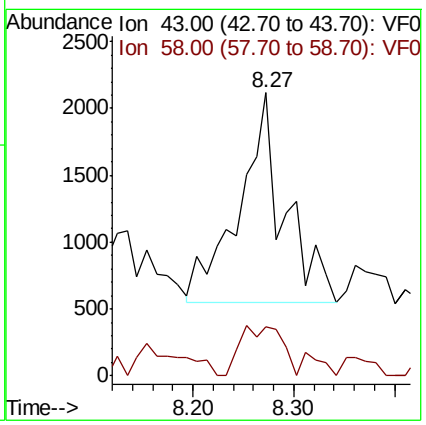


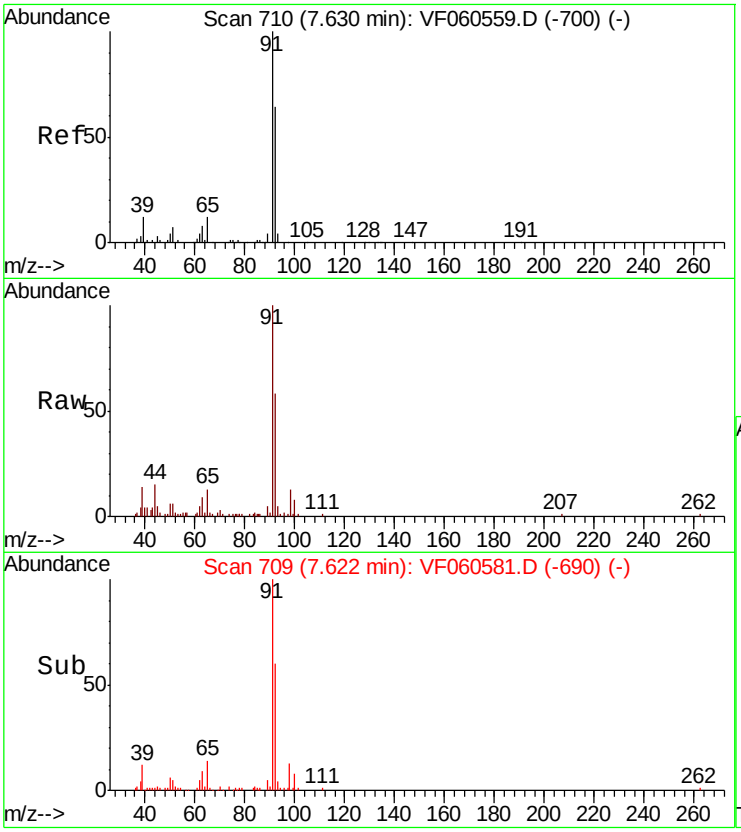


#51
4-Methyl-2-Pentanone
Concen: 2.266 ug/l
RT: 8.27 min Scan# 775
Delta R.T. 0.01 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Tgt Ion: 43 Resp: 4919

Ion	Ratio	Lower	Upper
43	100		
58	17.4	30.1	45.1#



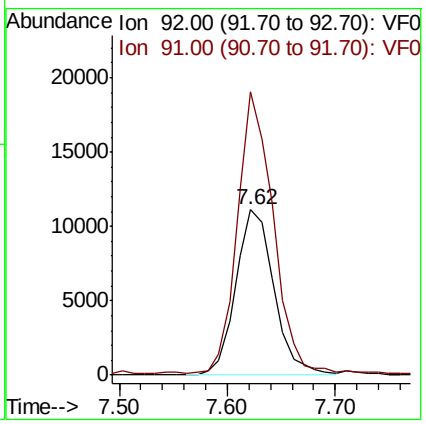


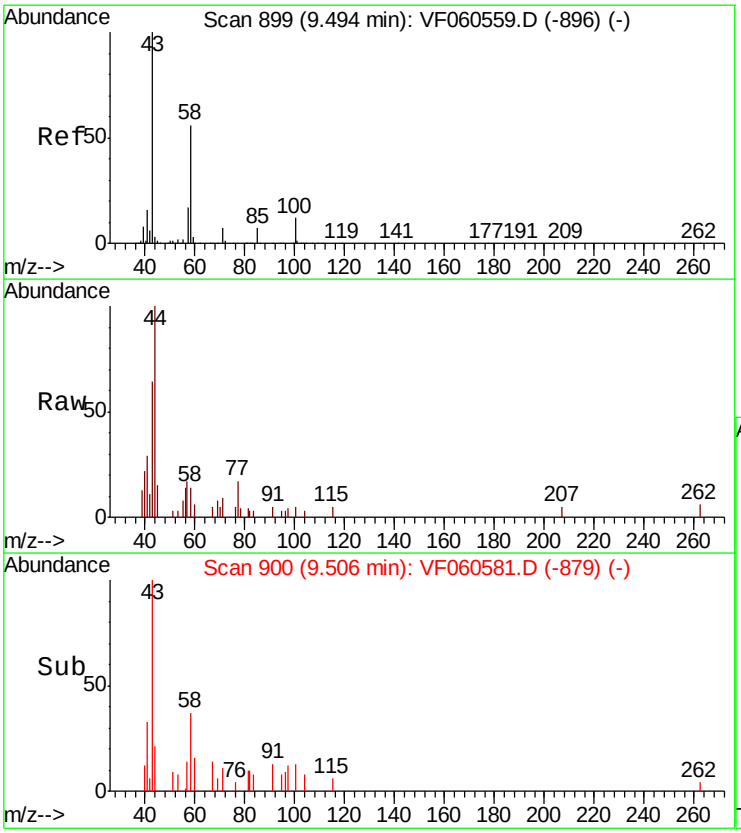
#52
Toluene
Concen: 3.250 ug/l
RT: 7.62 min Scan# 709
Delta R.T. -0.01 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 92 Resp: 27318

Ion	Ratio	Lower	Upper
92	100		
91	171.5	124.5	186.7

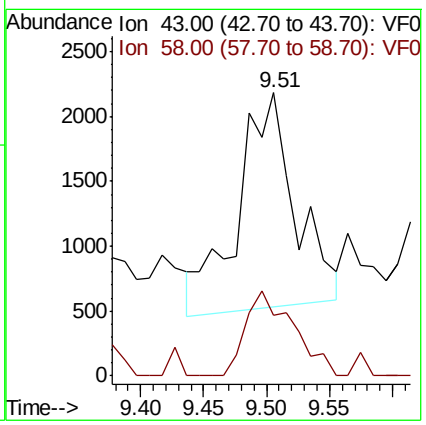


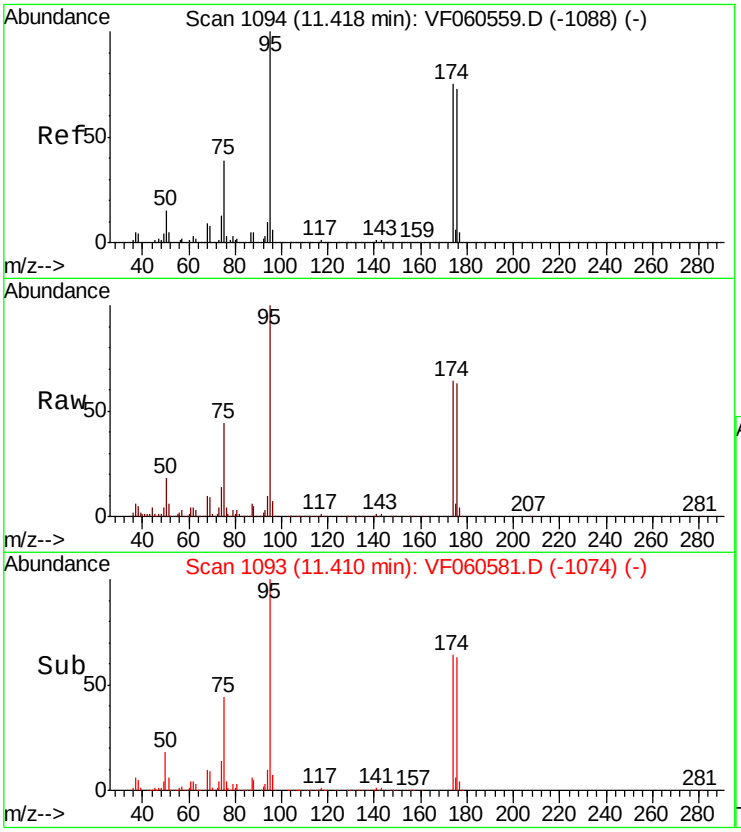


#59
2-Hexanone
Concen: Below Cal
RT: 9.51 min Scan# 900
Delta R.T. 0.01 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Tgt Ion: 43 Resp: 5251

Ion	Ratio	Lower	Upper
43	100		
58	21.4	26.1	78.3#



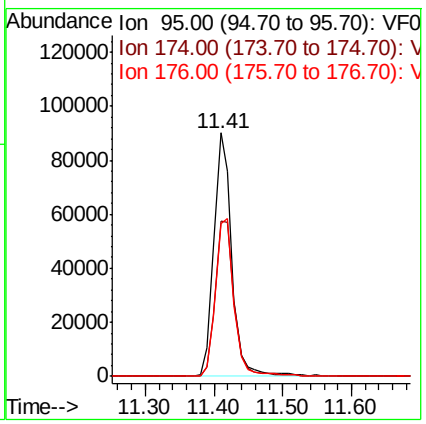


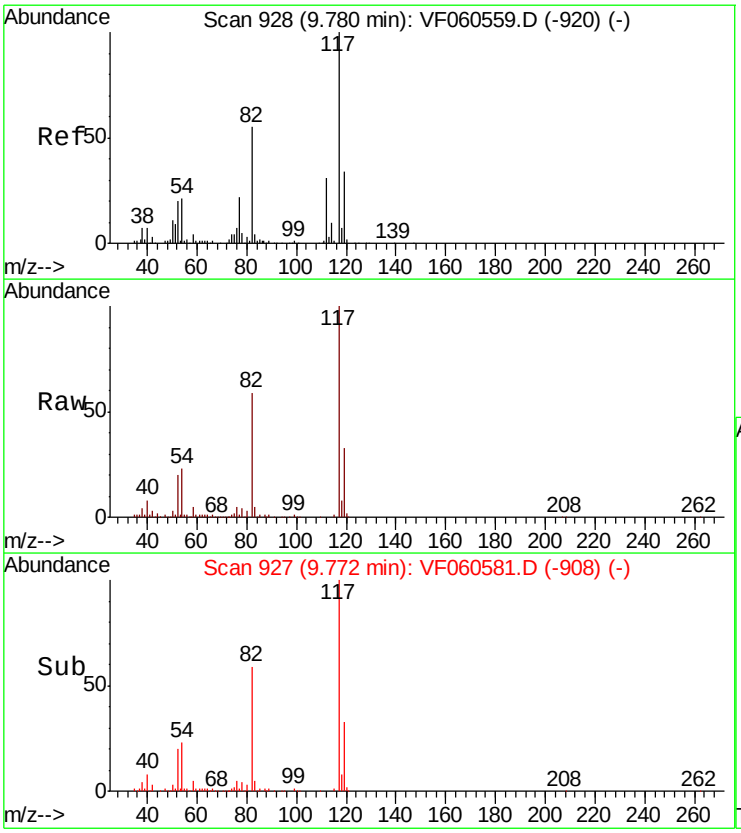
#62
4-Bromofluorobenzene
Concen: 33.641 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 162576

Ion	Ratio	Lower	Upper
95	100		
174	63.8	0.0	149.0
176	62.6	0.0	145.6

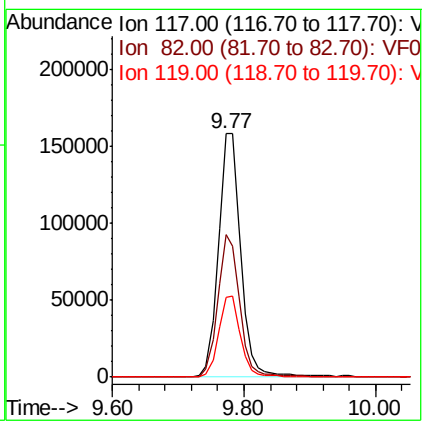


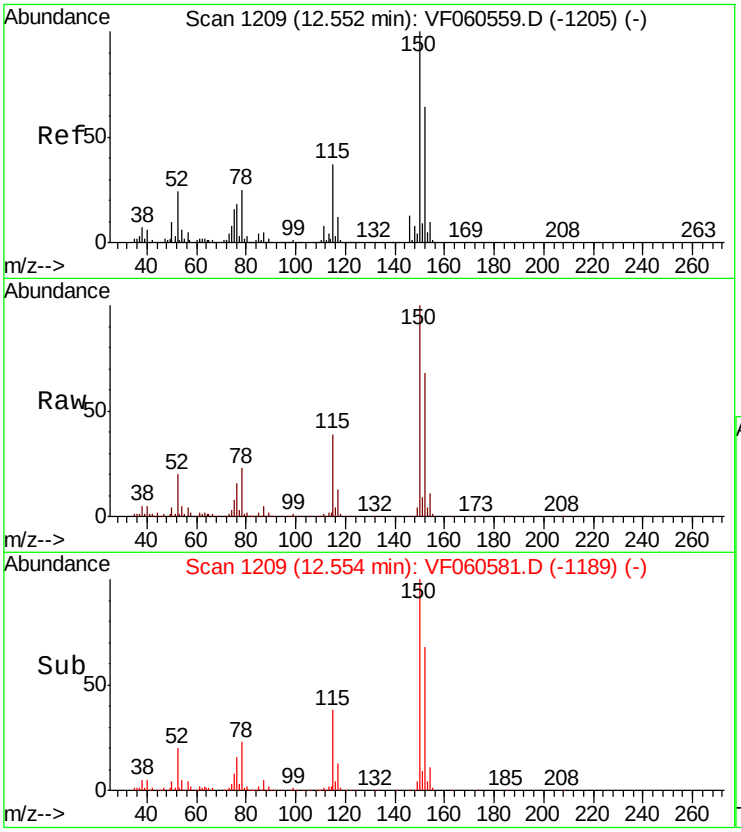


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Tgt Ion:117 Resp: 377127

Ion	Ratio	Lower	Upper
117	100		
82	58.8	43.9	65.9
119	32.8	27.4	41.0



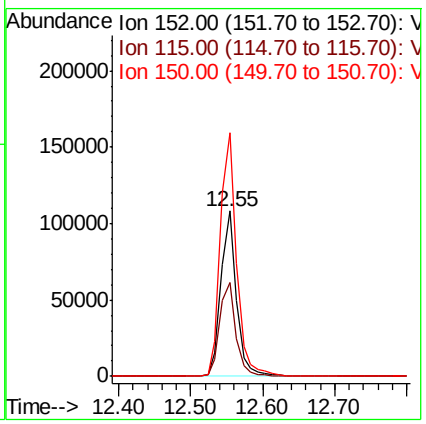


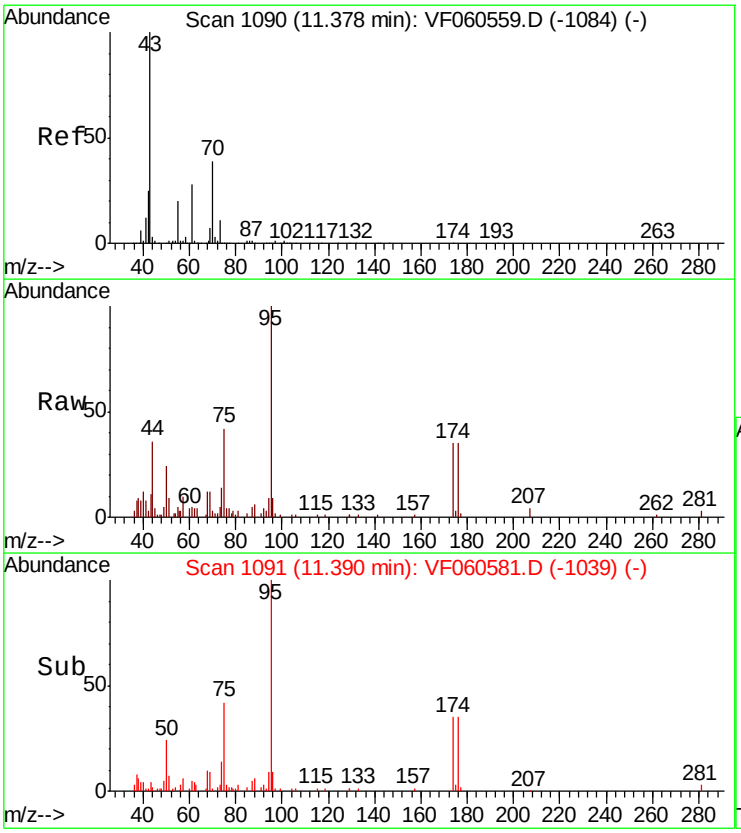
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 161546

Ion	Ratio	Lower	Upper
152	100		
115	56.8	29.6	88.8
150	147.4	0.0	315.6





#74
N-amyl acetate
Concen: Below Cal
RT: 11.39 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Tgt Ion: 43 Resp: 974

Ion	Ratio	Lower	Upper
43	100		
70	24.8	30.9	46.3#
55	45.2	16.6	24.8#
61	47.5	22.0	33.0#