Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110918\
Data File : VF060672.D
Acq On : 9 Nov 2018 15:16
Operator : VA/AP
Sample : J5864-01
Misc : 4.10g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OLDMANS-1

Quant Time: Nov 12 04:13:04 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	245288	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.59	114	406780	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.77	117	401727	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	208765	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.84	65	145341	58.65	ug/l		0.00
Spiked Amount 50.000			Recovery = 117.30%				
35) Dibromofluoromethane	4.11	113	182685	58.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 116.26%				
50) Toluene-d8	7.55	98	471638	50.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.32%				
62) 4-Bromofluorobenzene	11.41	95	239255	58.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 117.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.98	85	1214	Below Cal			90
6) Chloroethane	1.35	64	119	Below Cal	#		1
11) Tert butyl alcohol	2.61	59	841	Below Cal	#		1
13) Acrolein	1.94	56	534	Below Cal			87
15) Acrylonitrile	2.94	53	562	1.903	ug/l	#	31
16) Acetone	2.24	43	4007	6.861	ug/l	#	86
18) Methyl Acetate	2.36	43	516	1.043	ug/l	#	64
20) Methylene Chloride	2.18	84	2529	Below Cal			93
25) 2-Butanone	4.41	43	2371	Below Cal			98
29) Tetrahydrofuran	4.06	42	245	Below Cal	#		1
49) 1,4-Dioxane	6.52	88	67	3.747	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.27	43	3896	2.130	ug/l		98
58) 2-Chloroethyl Vinyl ether	7.61	63	357	Below Cal			100
59) 2-Hexanone	9.50	43	8108	Below Cal			82
74) N-amyl acetate	11.37	43	2719	Below Cal	#		89
89) n-Butylbenzene	12.84	91	2900	Below Cal			82

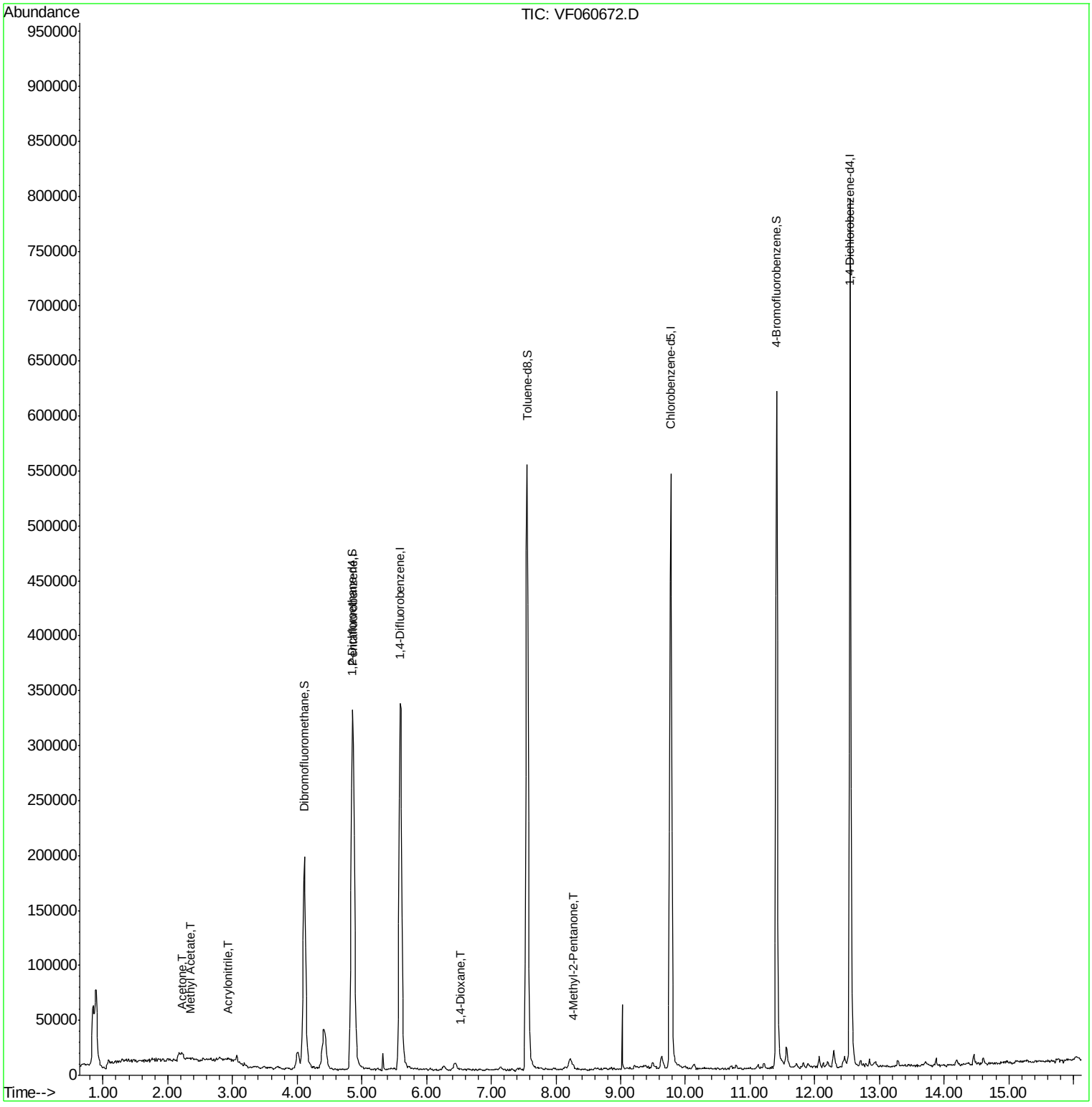
(#) = qualifier out of range (m) = manual integration (+) = signals summed

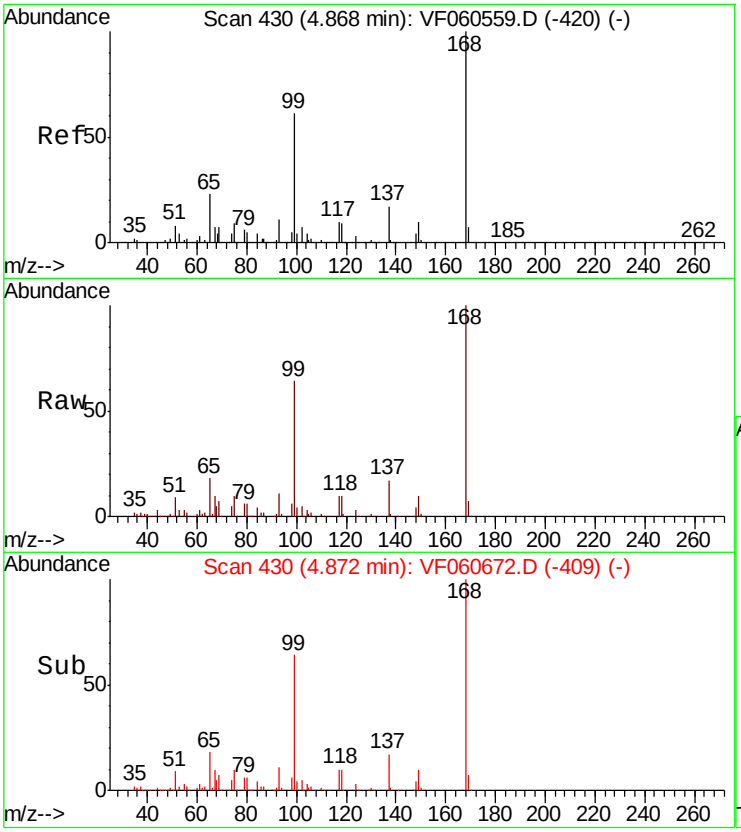
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110918\
Data File : VF060672.D
Acq On : 9 Nov 2018 15:16
Operator : VA/AP
Sample : J5864-01
Misc : 4.10g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-1

Quant Time: Nov 12 04:13:04 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



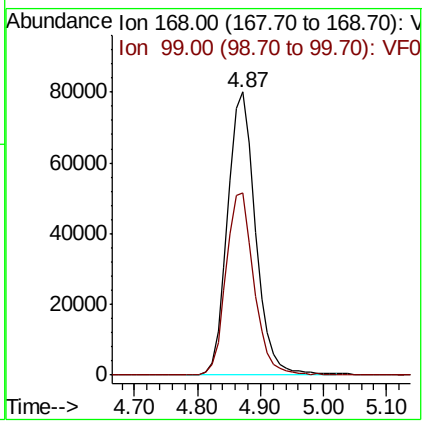


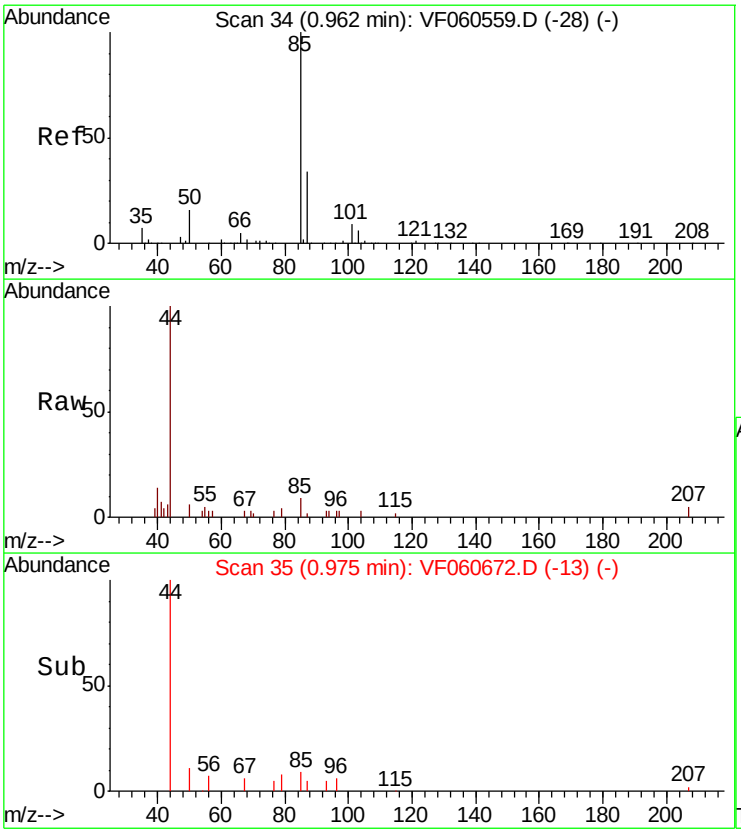
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.00 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-1

Tgt Ion:168 Resp: 245288

Ion	Ratio	Lower	Upper
168	100		
99	64.2	48.6	72.8

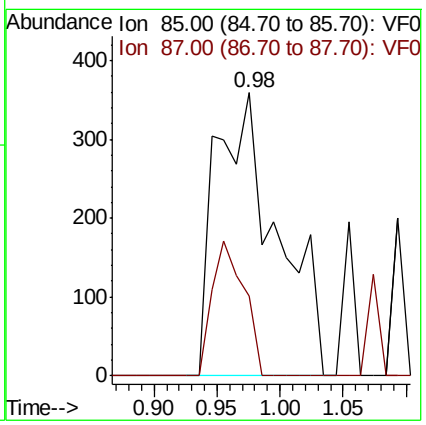


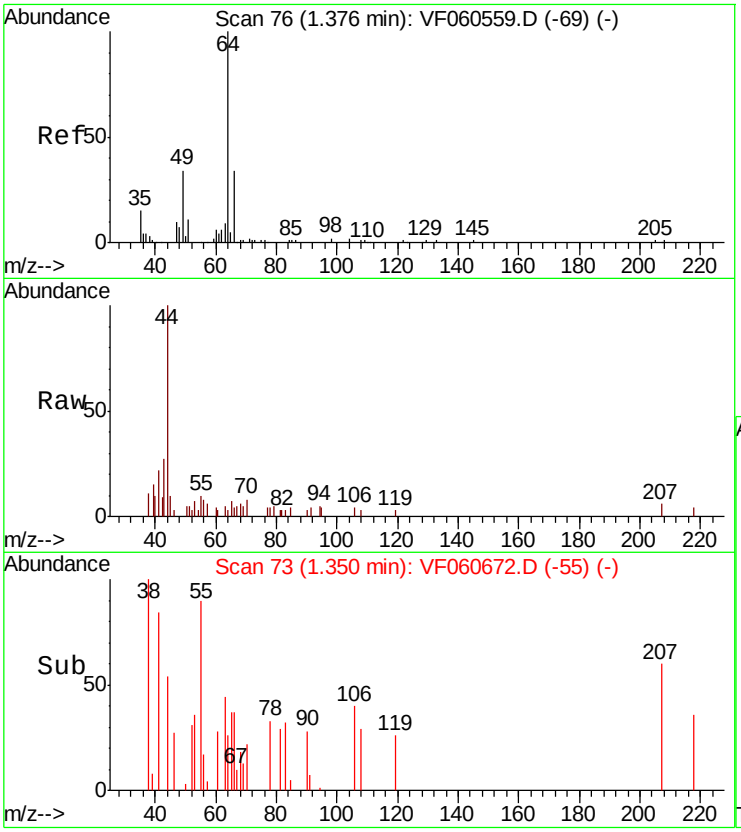


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.98 min Scan# 35
Delta R.T. 0.01 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Tgt Ion: 85 Resp: 1214

Ion	Ratio	Lower	Upper
85	100		
87	28.1	16.9	50.7



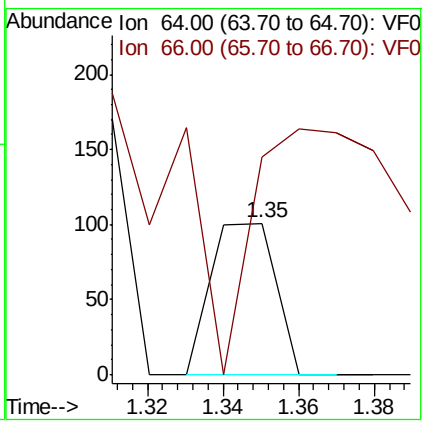


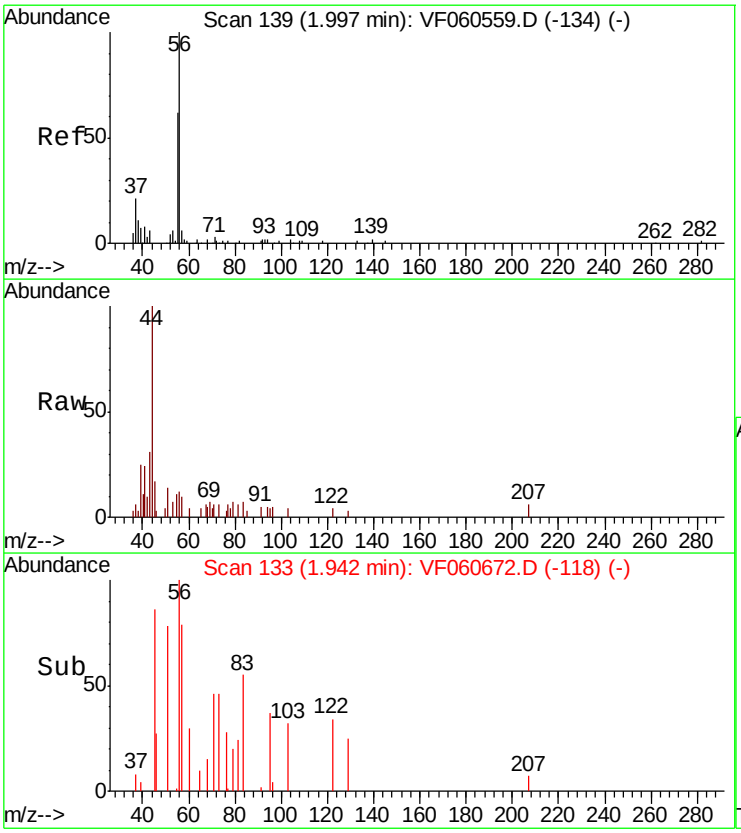
#6
Chloroethane
Concen: Below Cal
RT: 1.35 min Scan# 73
Delta R.T. -0.02 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-1

Tgt Ion: 64 Resp: 119

Ion	Ratio	Lower	Upper
64	100		
66	143.6	27.8	41.8#

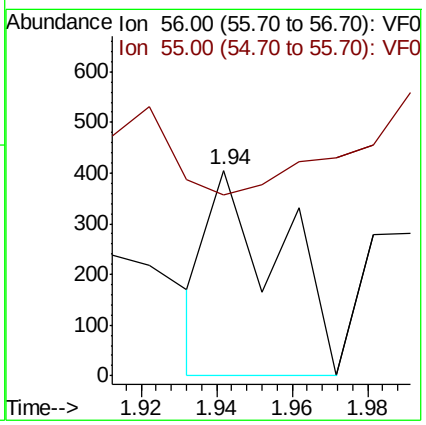


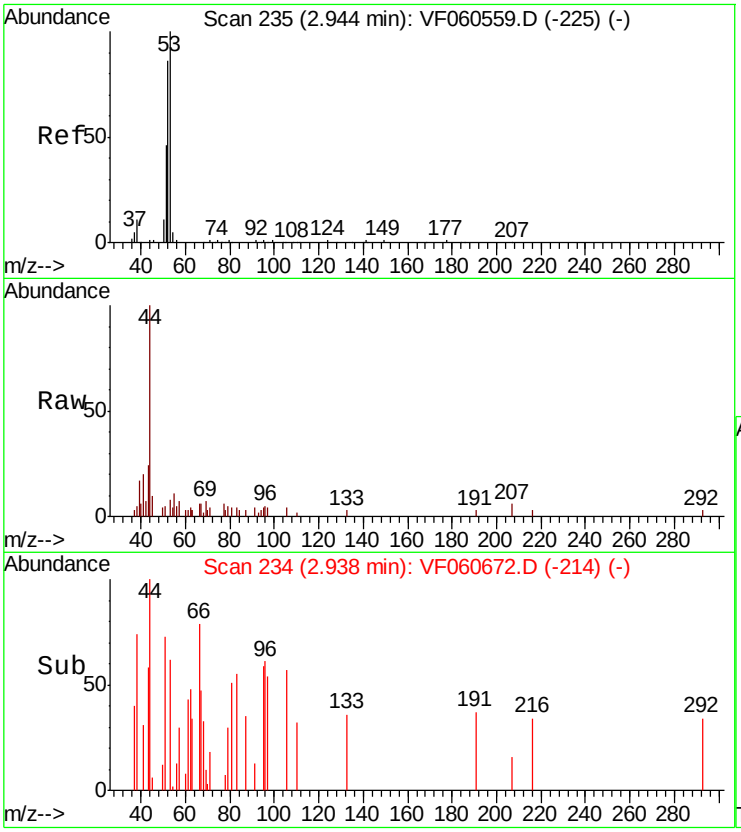


#13
Acrolein
Concen: Below Cal
RT: 1.94 min Scan# 133
Delta R.T. -0.06 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Tgt Ion: 56 Resp: 534

Ion	Ratio	Lower	Upper
56	100		
55	88.1	61.8	92.6



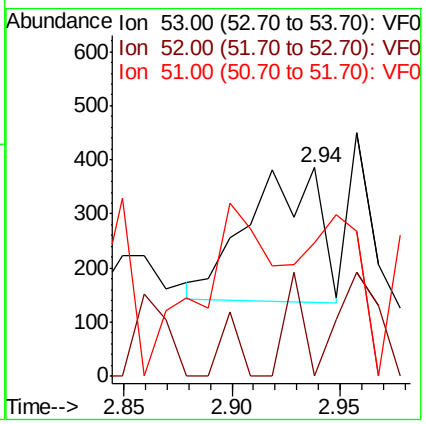


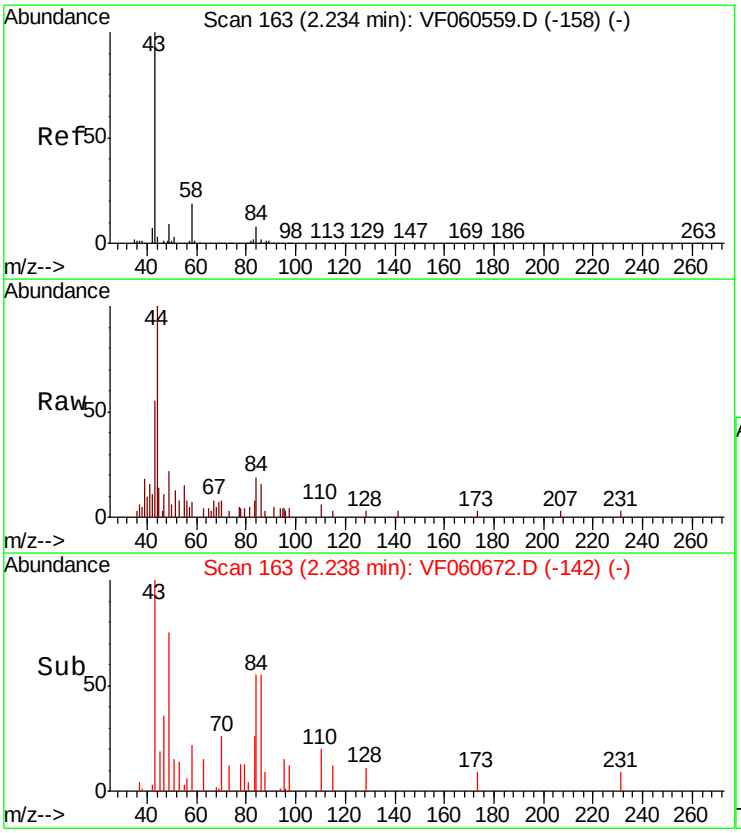
#15
Acrylonitrile
Concen: 1.903 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.01 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-1

Tgt Ion: 53 Resp: 562

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.5	102.7#
51	63.7	38.2	57.2#

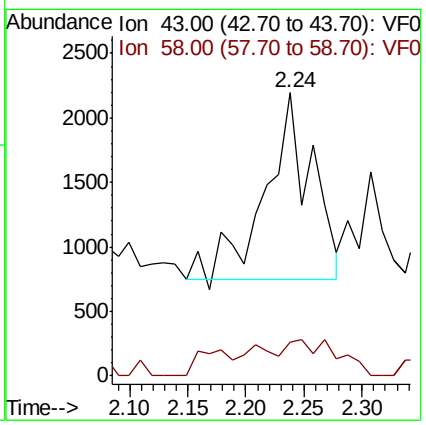


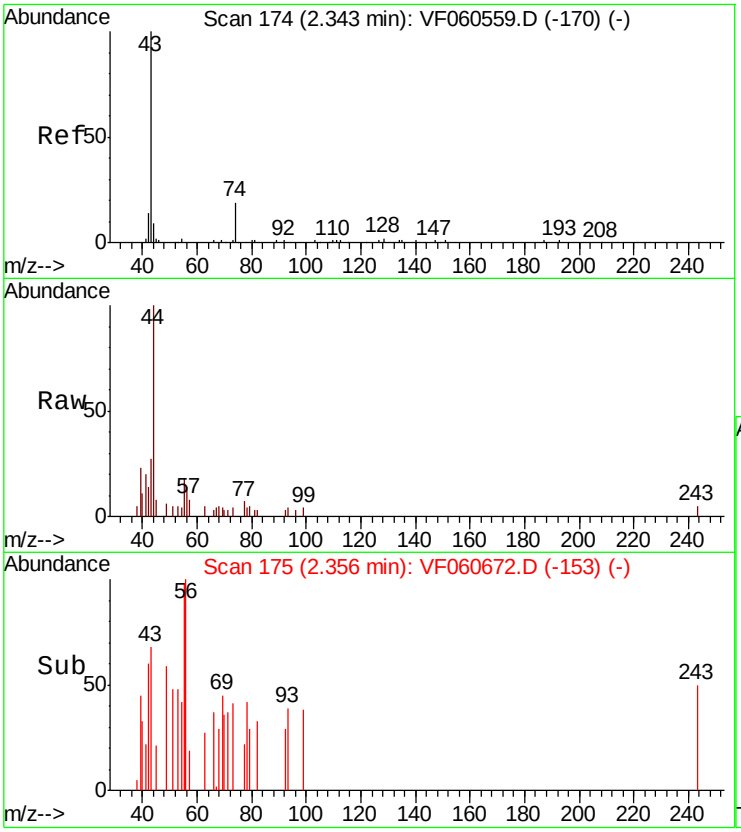


#16
Acetone
Concen: 6.861 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Tgt Ion: 43 Resp: 4007

Ion	Ratio	Lower	Upper
43	100		
58	11.9	14.6	22.0#



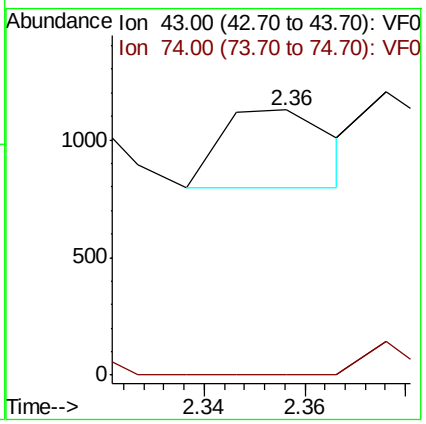


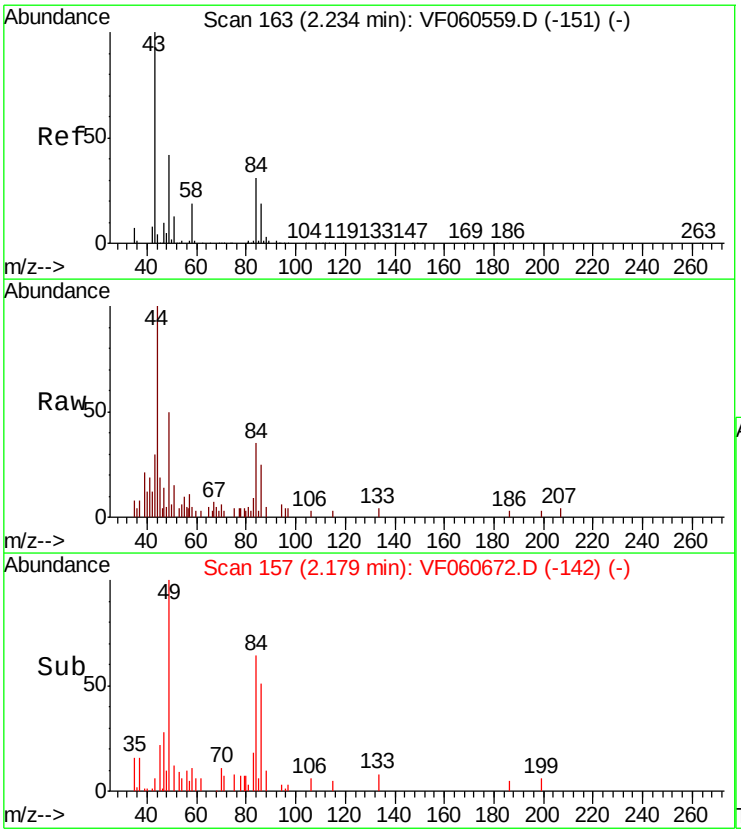
#18
Methyl Acetate
Concen: 1.043 ug/l
RT: 2.36 min Scan# 175
Delta R.T. 0.01 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Instrument : MSVOA_F
ClientSampleId : OLDMANS-1

Tgt Ion: 43 Resp: 516

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#

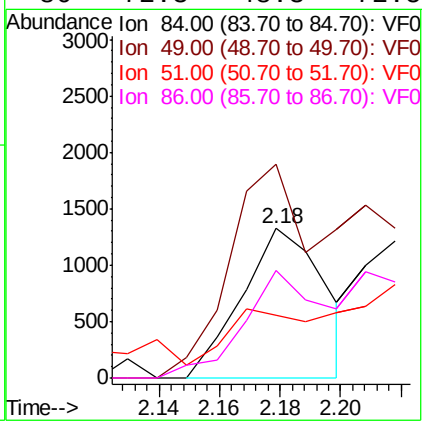


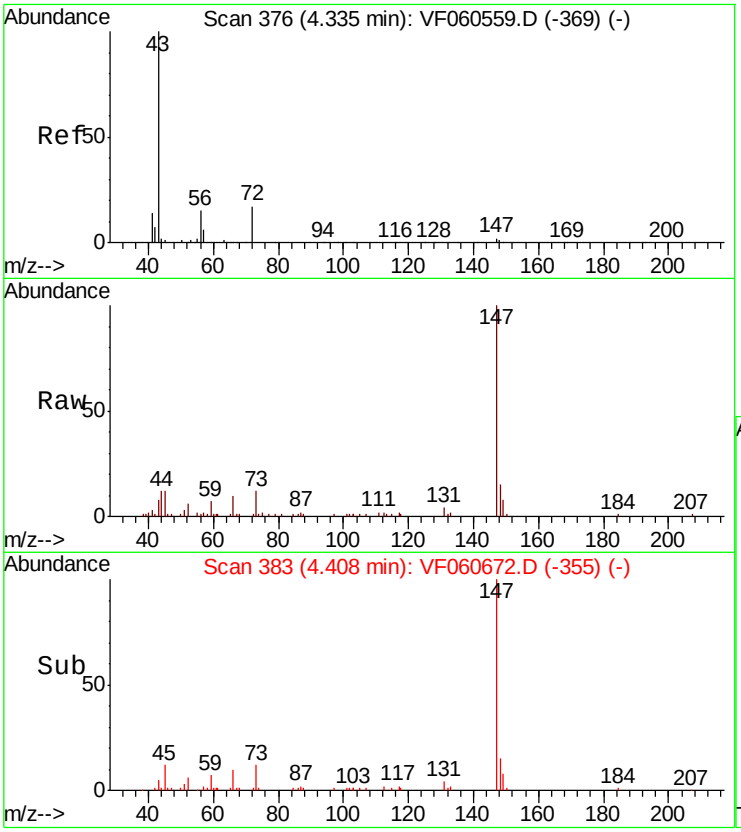


#20
Methylene Chloride
Concen: Below Cal
RT: 2.18 min Scan# 157
Delta R.T. -0.06 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Tgt Ion: 84 Resp: 2529

Ion	Ratio	Lower	Upper
84	100		
49	143.2	109.9	164.9
51	42.0	35.8	53.8
86	72.3	48.3	72.5



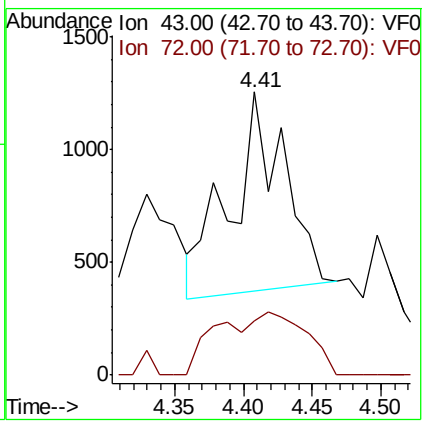


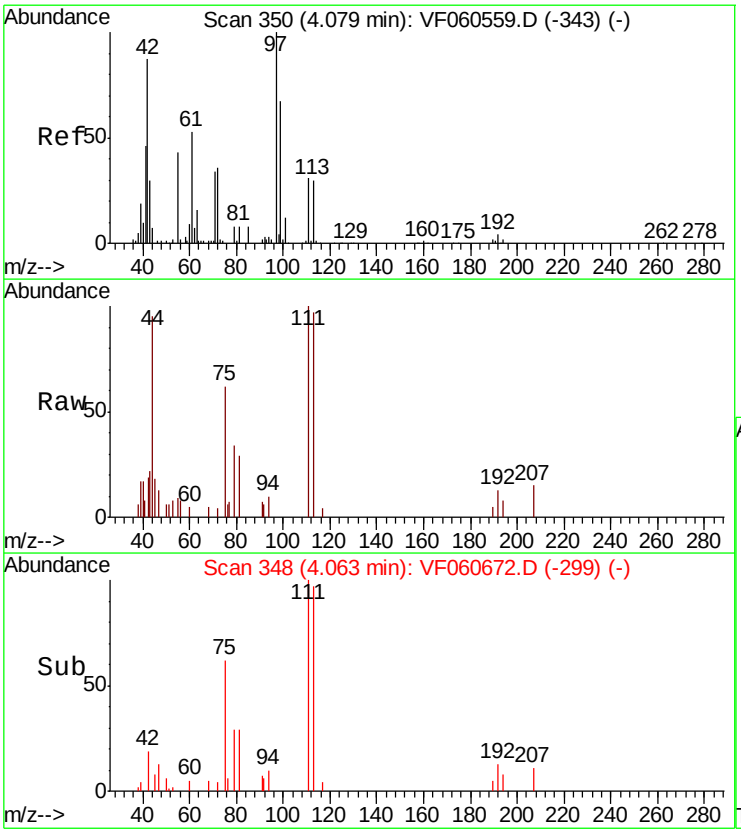
#25
2-Butanone
Concen: Below Cal
RT: 4.41 min Scan# 383
Delta R.T. 0.07 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-1

Tgt Ion: 43 Resp: 2371

Ion	Ratio	Lower	Upper
43	100		
72	19.1	16.2	24.2

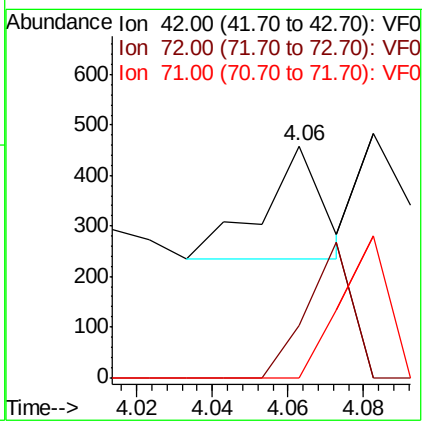


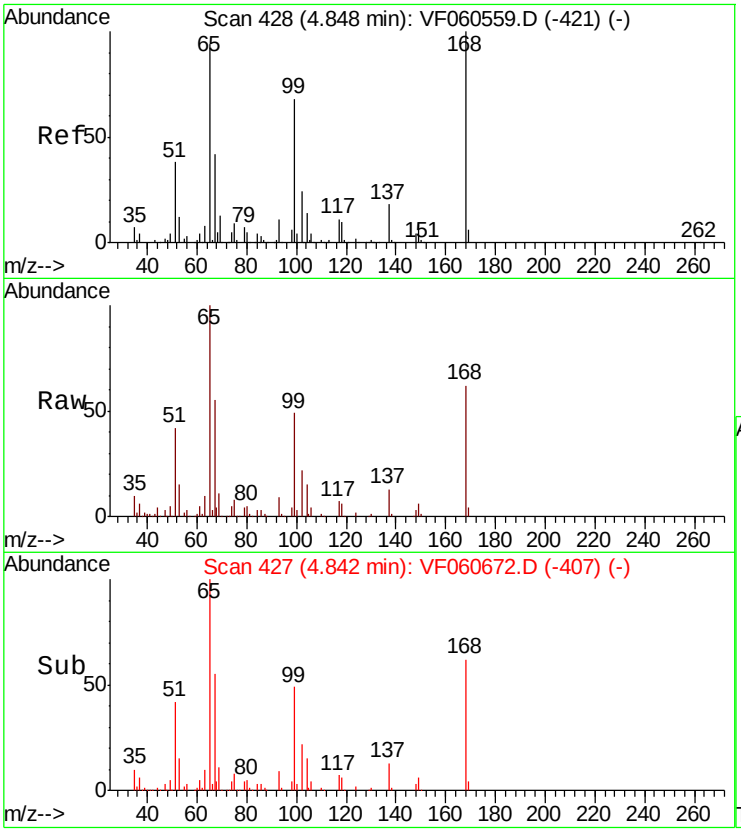


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.06 min Scan# 348
Delta R.T. -0.02 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Tgt Ion: 42 Resp: 245

Ion	Ratio	Lower	Upper
42	100		
72	89.4	31.4	47.0#
71	133.5	31.8	47.6#



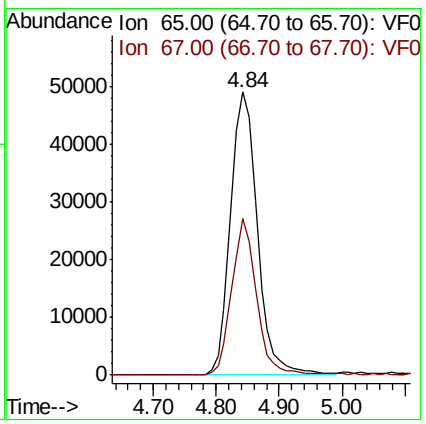


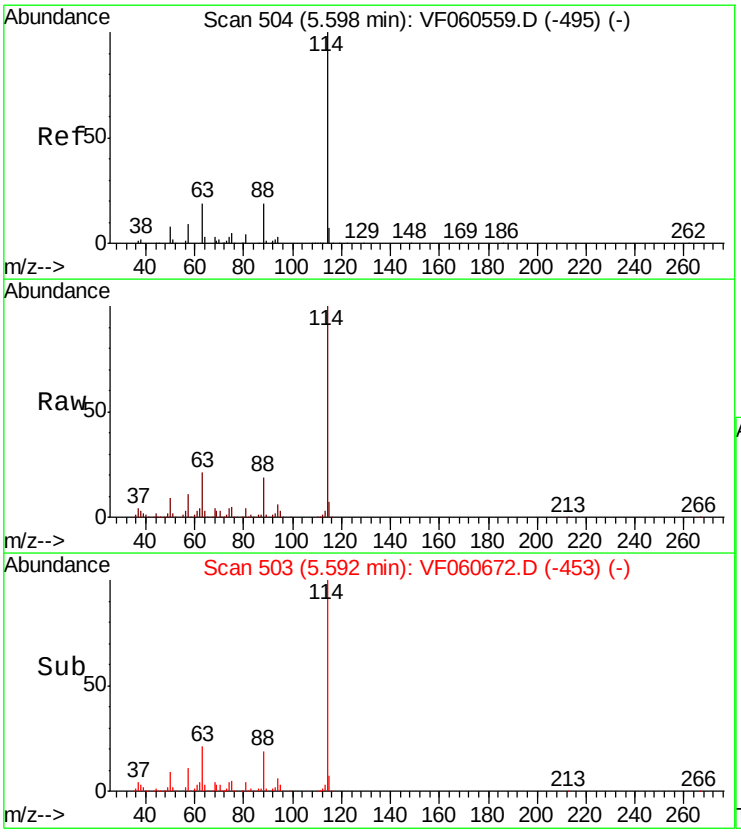
#33
1,2-Dichloroethane-d4
Concen: 58.645 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.01 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-1

Tgt Ion: 65 Resp: 145341

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	101.8

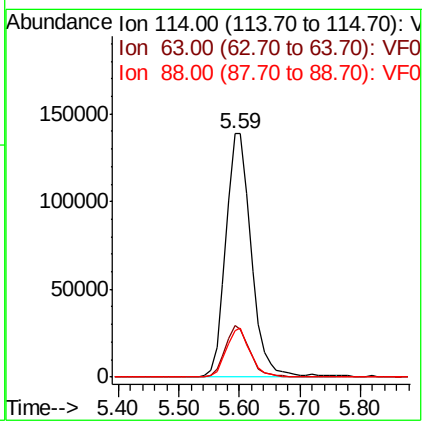


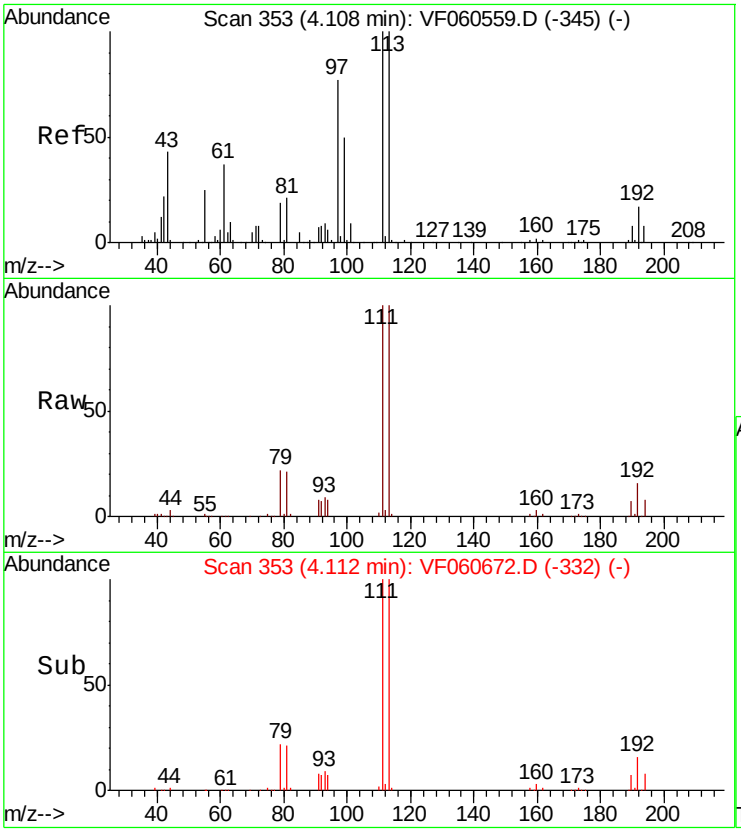


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.01 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Tgt Ion:114 Resp: 406780

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.0
88	19.3	0.0	38.2



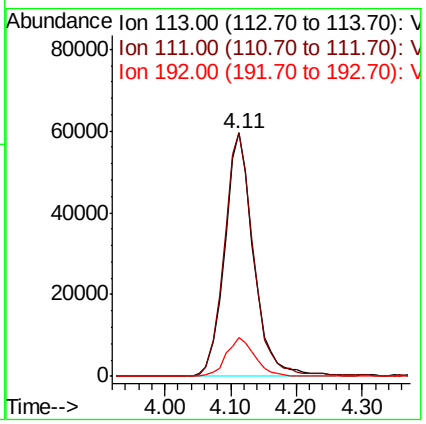


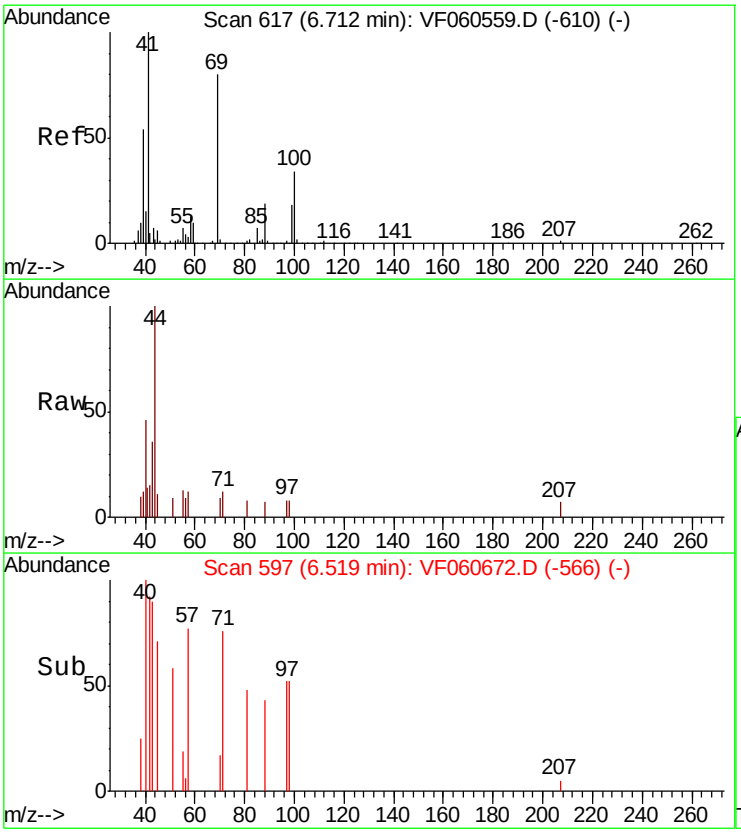
#35
Dibromofluoromethane
Concen: 58.129 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-1

Tgt Ion:113 Resp: 182685

Ion	Ratio	Lower	Upper
113	100		
111	99.8	79.9	119.9
192	15.9	13.3	19.9

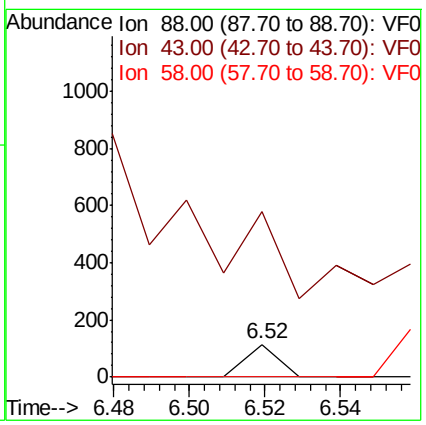


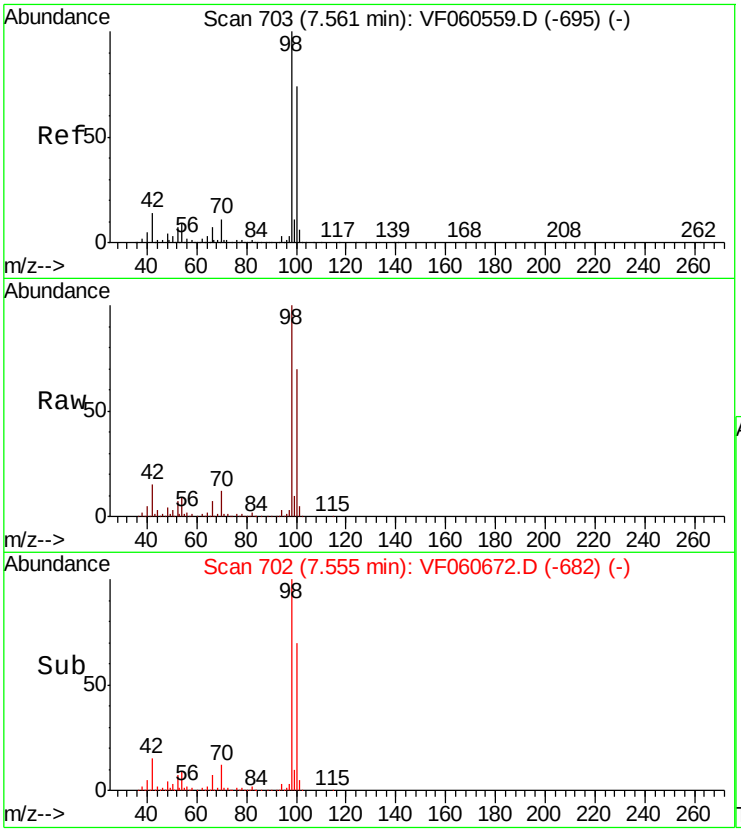


#49
1,4-Dioxane
Concen: 3.747 ug/l
RT: 6.52 min Scan# 597
Delta R.T. -0.19 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	509.6	61.2	91.8#
58	0.0	56.9	85.3#



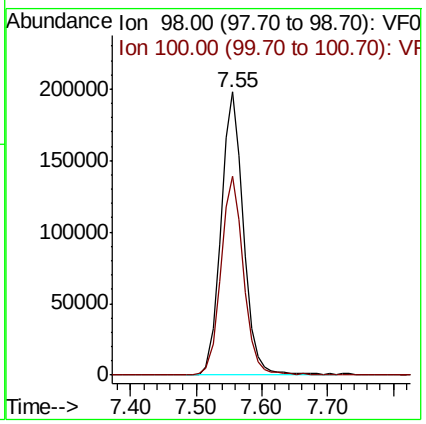


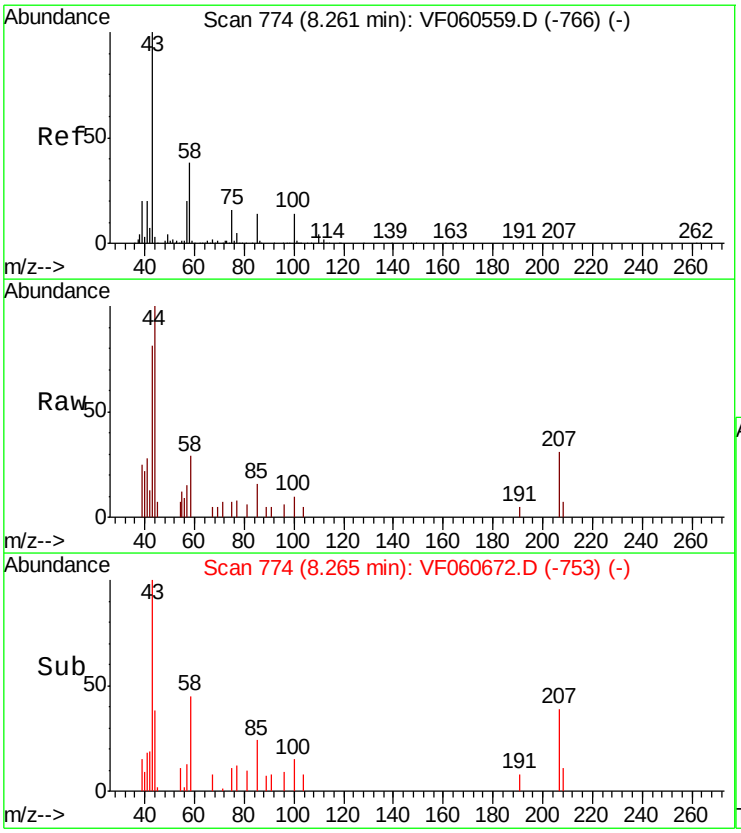
#50
Toluene-d8
Concen: 50.660 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-1

Tgt Ion: 98 Resp: 471638

Ion	Ratio	Lower	Upper
98	100		
100	70.3	59.4	89.2

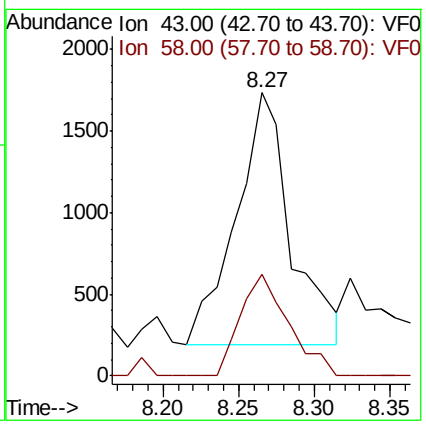


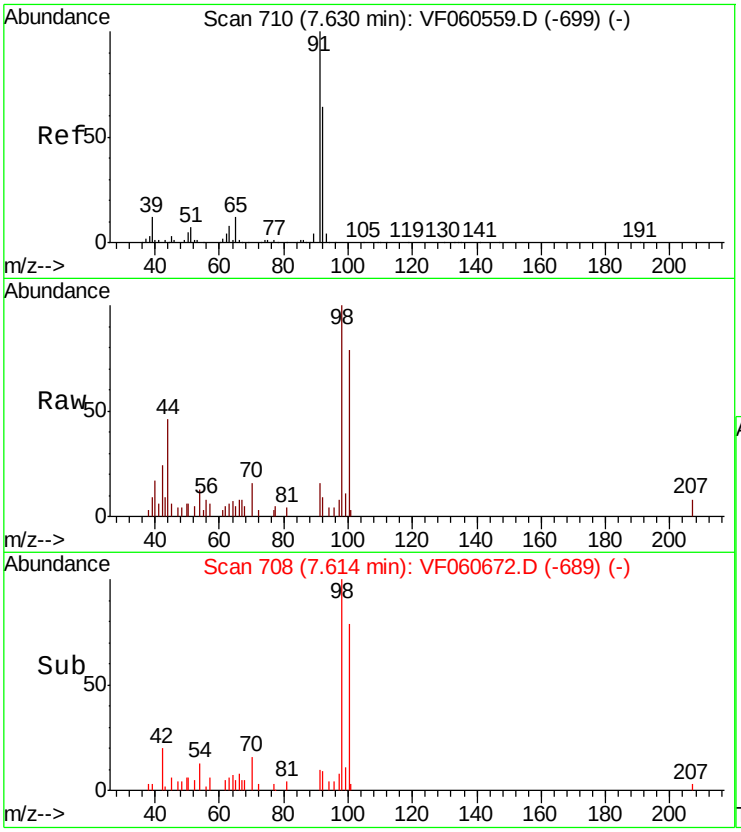


#51
4-Methyl-2-Pentanone
Concen: 2.130 ug/l
RT: 8.27 min Scan# 774
Delta R.T. 0.00 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Tgt Ion: 43 Resp: 3896

Ion	Ratio	Lower	Upper
43	100		
58	36.1	30.1	45.1



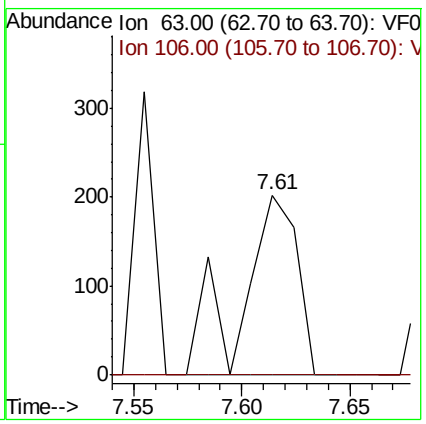


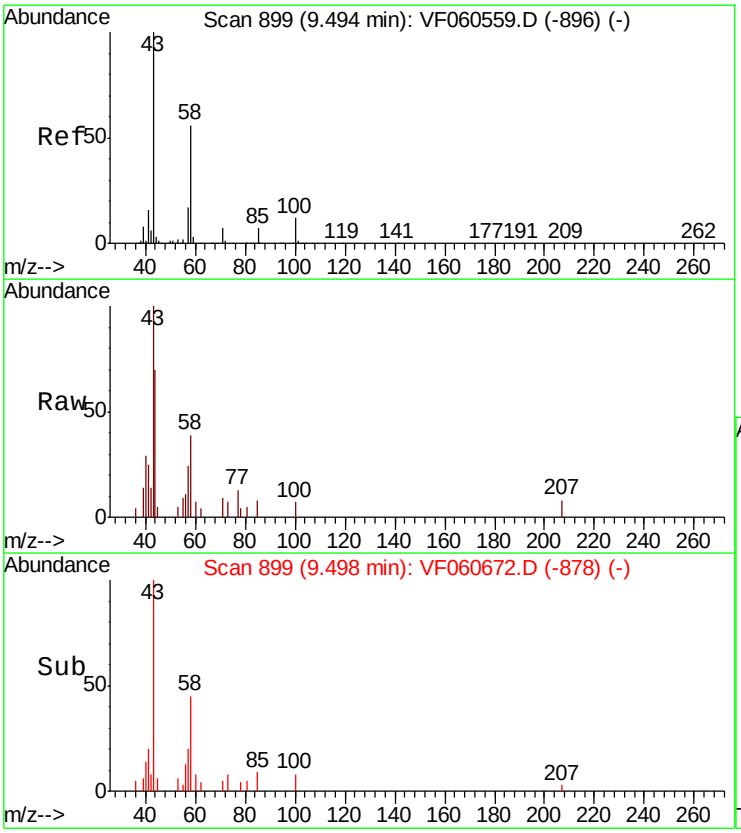
#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.61 min Scan# 708
Delta R.T. -0.02 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-1

Tgt Ion: 63 Resp: 357

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

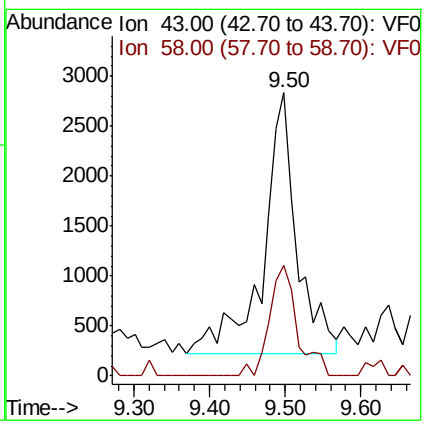


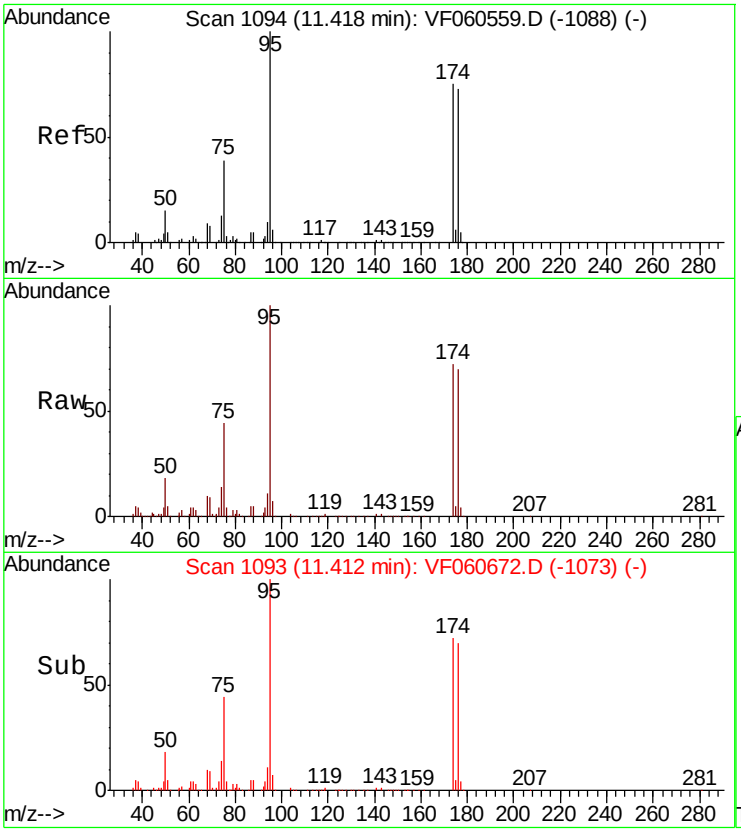


#59
2-Hexanone
Concen: Below Cal
RT: 9.50 min Scan# 899
Delta R.T. 0.00 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Tgt Ion: 43 Resp: 8108

Ion	Ratio	Lower	Upper
43	100		
58	39.2	26.1	78.3



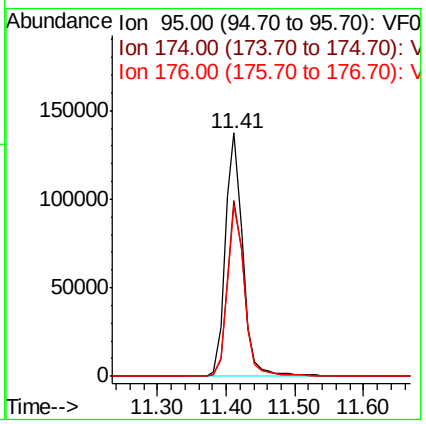


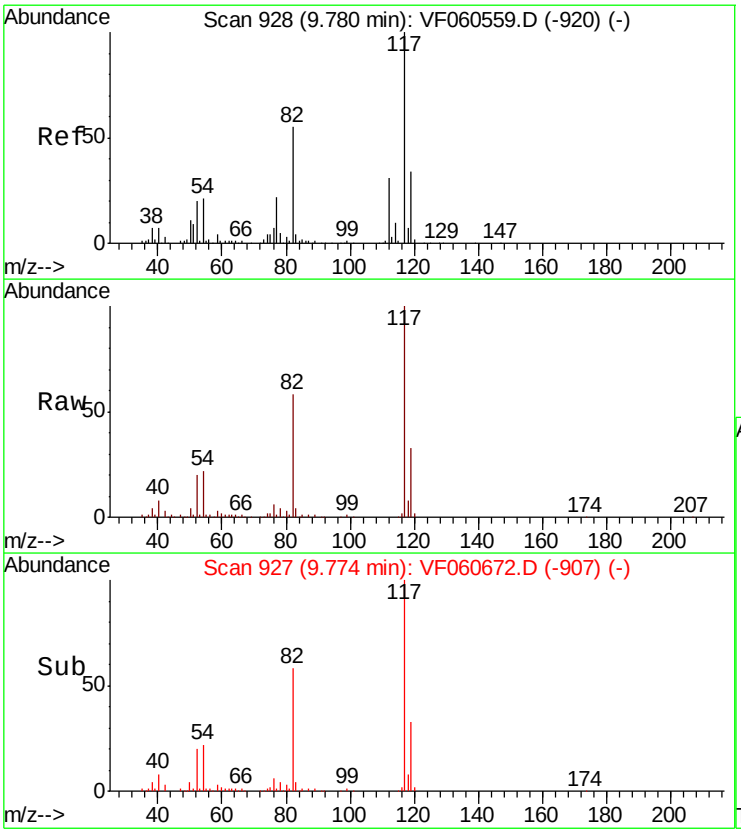
#62
4-Bromofluorobenzene
Concen: 58.752 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-1

Tgt Ion: 95 Resp: 239255

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	149.0
176	69.8	0.0	145.6

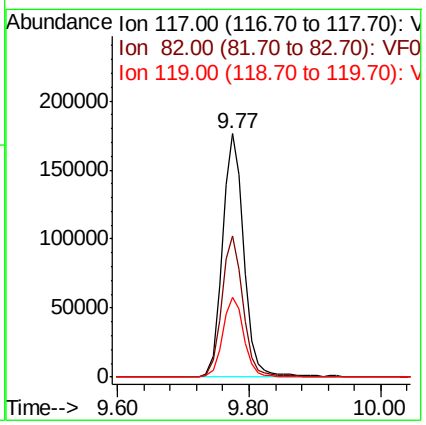


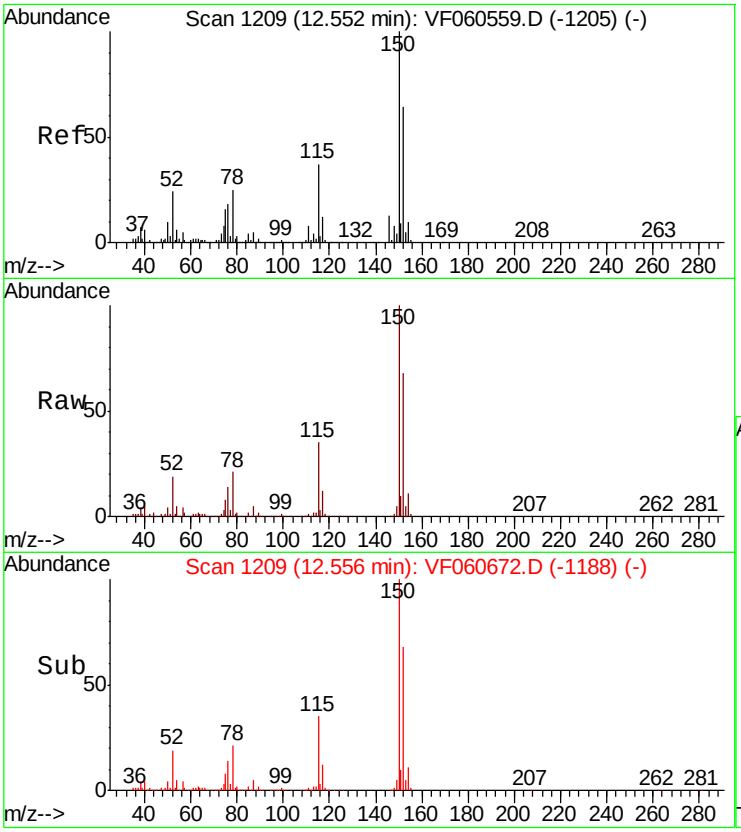


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Tgt Ion:117 Resp: 401727

Ion	Ratio	Lower	Upper
117	100		
82	57.9	43.9	65.9
119	33.0	27.4	41.0



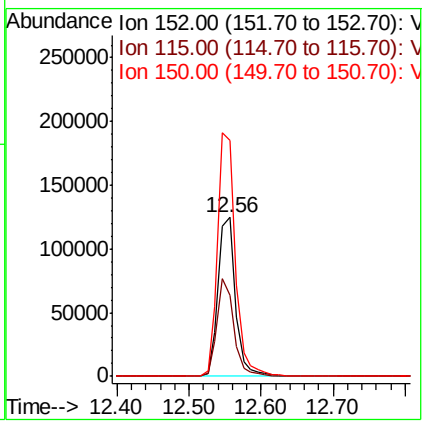


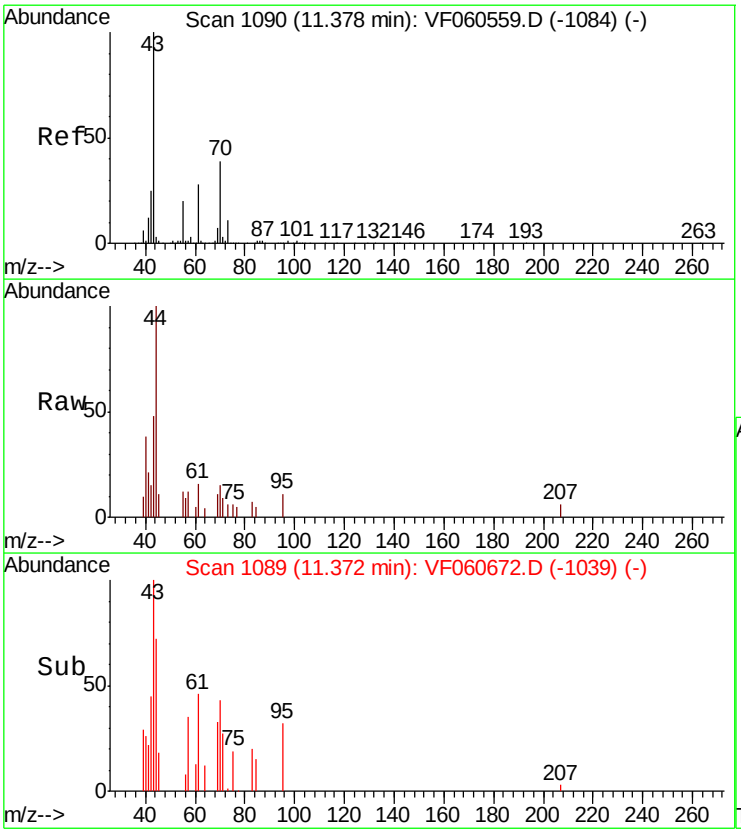
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Instrument : MSVOA_F
ClientSampleId : OLDMANS-1

Tgt Ion:152 Resp: 208765

Ion	Ratio	Lower	Upper
152	100		
115	51.2	29.6	88.8
150	148.1	0.0	315.6





#74
N-amyl acetate
Concen: Below Cal
RT: 11.37 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Tgt Ion: 43 Resp: 2719

Ion	Ratio	Lower	Upper
43	100		
70	31.2	30.9	46.3
55	25.6	16.6	24.8#
61	33.2	22.0	33.0#