Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110818\
Data File : VF060664.D
Acq On : 8 Nov 2018 22:06
Operator : VA/AP
Sample : J5813-11RE
Misc : 6.13g/5mL/MSVOA-F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 09 12:35:31 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	4.86	168	53021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	68839	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	46899	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	13686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	13025	24.31	ug/l	-0.02
Spiked Amount 50.000			Recovery = 48.62%			
35) Dibromofluoromethane	4.10	113	23192	43.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.22%			
50) Toluene-d8	7.54	98	90769	57.61	ug/l	-0.02
Spiked Amount 50.000			Recovery = 115.22%			
62) 4-Bromofluorobenzene	11.41	95	23698	34.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.97	85	170	Below Cal	#	41
3) Chloromethane	1.18	50	688	1.483	ug/l	90
6) Chloroethane	1.42	64	73	Below Cal	#	40
11) Tert butyl alcohol	2.57	59	60	Below Cal	#	1
13) Acrolein	2.02	56	474	Below Cal		93
14) Allyl chloride	2.05	41	683	1.086	ug/l #	57
15) Acrylonitrile	2.94	53	73	1.143	ug/l #	15
16) Acetone	2.23	43	821	6.504	ug/l #	59
18) Methyl Acetate	2.30	43	346	2.227	ug/l #	64
20) Methylene Chloride	2.20	84	871	Below Cal	#	74
25) 2-Butanone	4.33	43	875	Below Cal	#	56
29) Tetrahydrofuran	4.05	42	331	Below Cal	#	50
41) Methacrylonitrile	4.73	41	348	1.689	ug/l #	42
49) 1,4-Dioxane	6.76	88	100	33.048	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.71	63	65	Below Cal		100
59) 2-Hexanone	9.48	43	678	Below Cal	#	26
74) N-amyl acetate	11.38	43	652	Below Cal	#	54
81) trans-1,4-Dichloro-2-buten	11.87	75	82	1.090	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.68	75	60	1.773	ug/l #	1

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

Quantitation Report (Not Reviewed)

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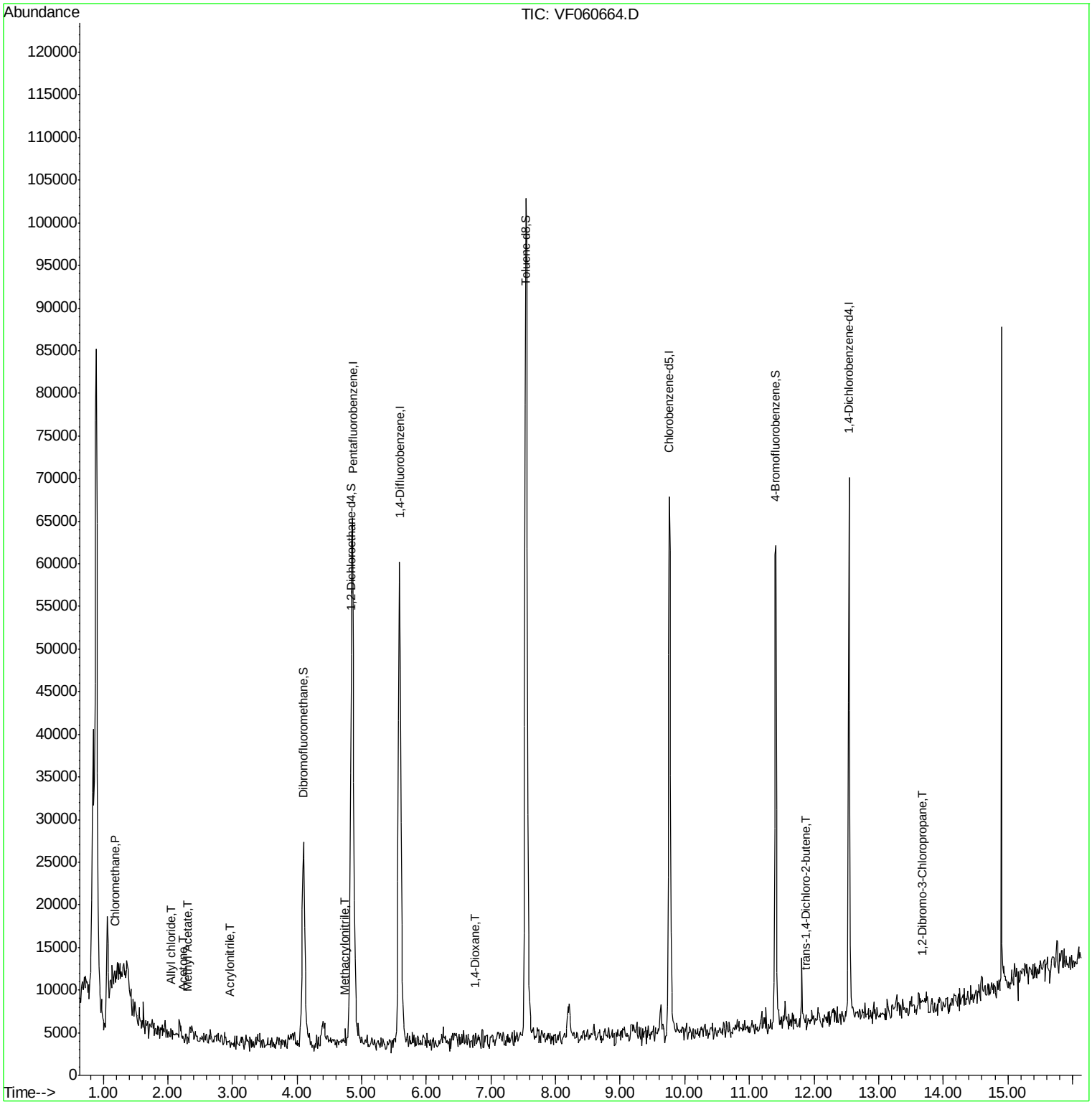
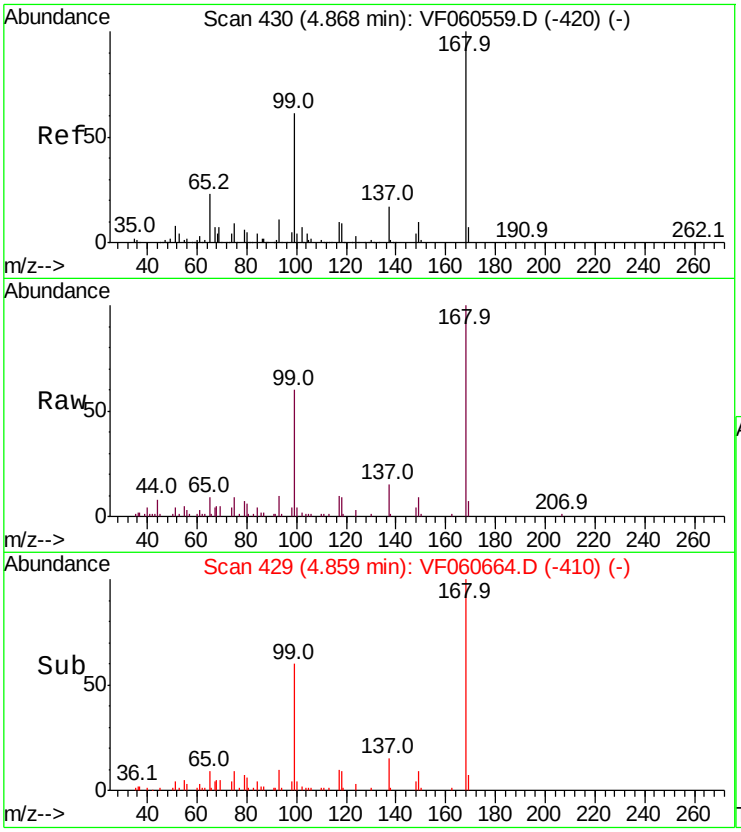
Data File : VF060664.D
Acq On : 8 Nov 2018 22:06
Operator : VA/AP
Sample : J5813-11RE
Misc : 6.13g/5mL/MSVOA-F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 09 12:35:31 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



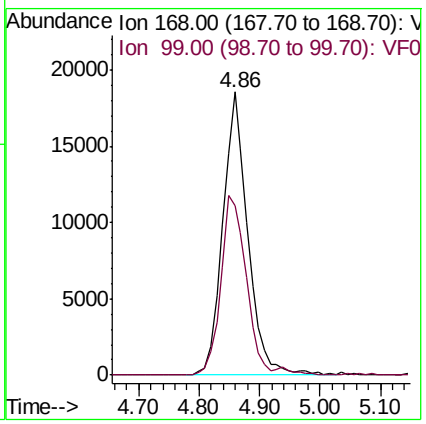


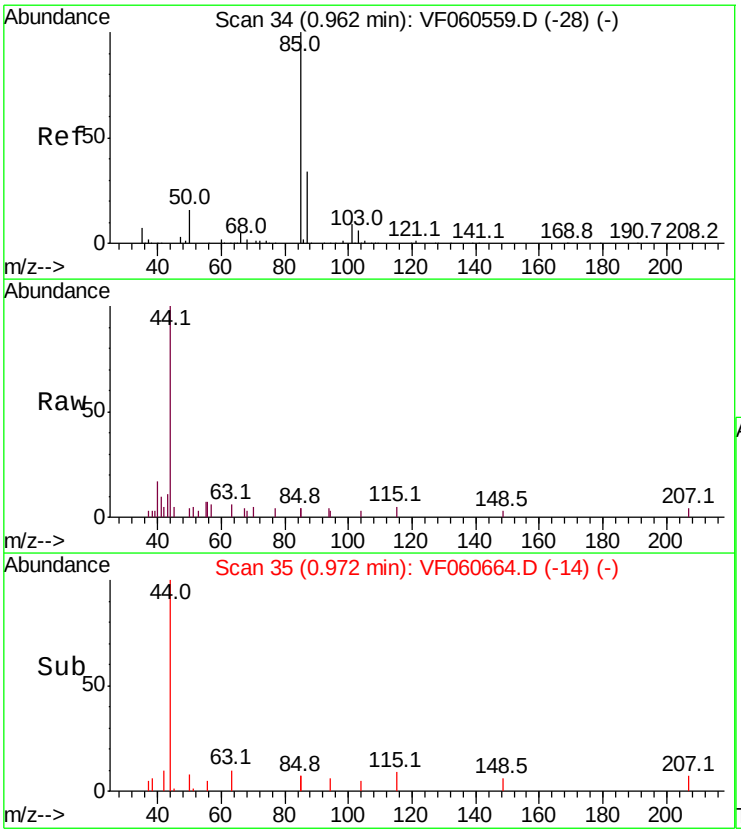
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.01 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 53021

Ion	Ratio	Lower	Upper
168	100		
99	60.1	48.6	72.8

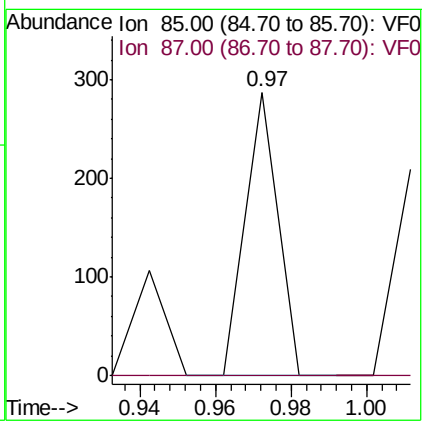


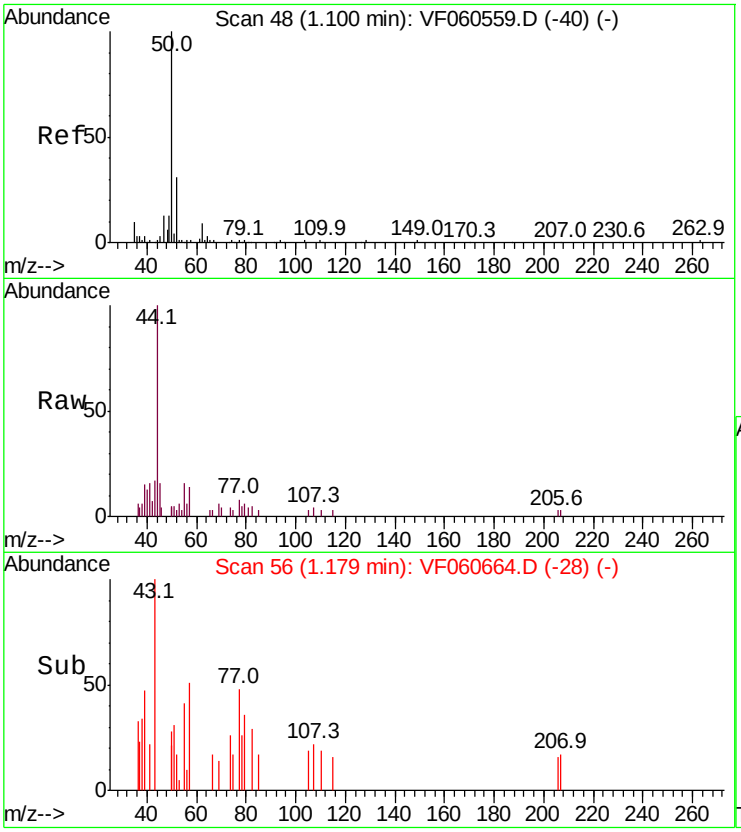


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.97 min Scan# 35
Delta R.T. 0.01 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Tgt Ion: 85 Resp: 170

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



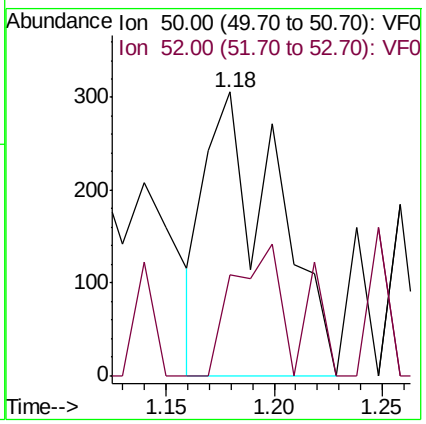


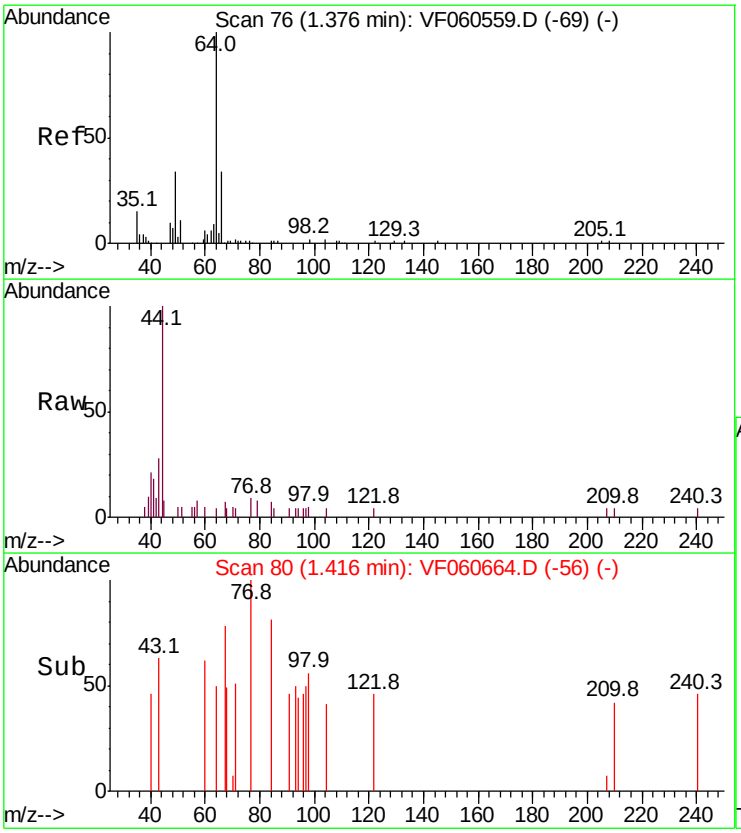
#3
Chloromethane
Concen: 1.483 ug/l
RT: 1.18 min Scan# 56
Delta R.T. 0.08 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 50 Resp: 688

Ion	Ratio	Lower	Upper
50	100		
52	35.6	24.0	36.0

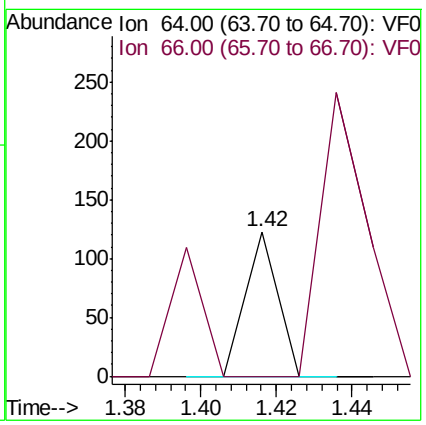


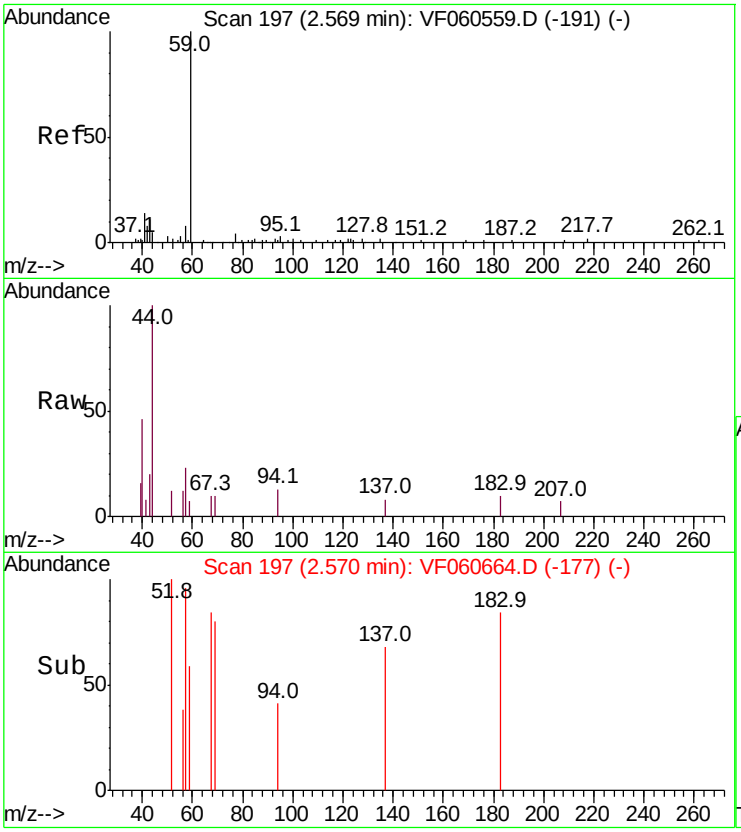


#6
Chloroethane
Concen: Below Cal
RT: 1.42 min Scan# 80
Delta R.T. 0.04 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Tgt Ion: 64 Resp: 73

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.8	41.8#



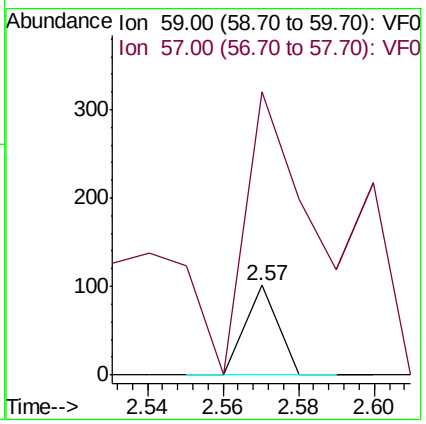


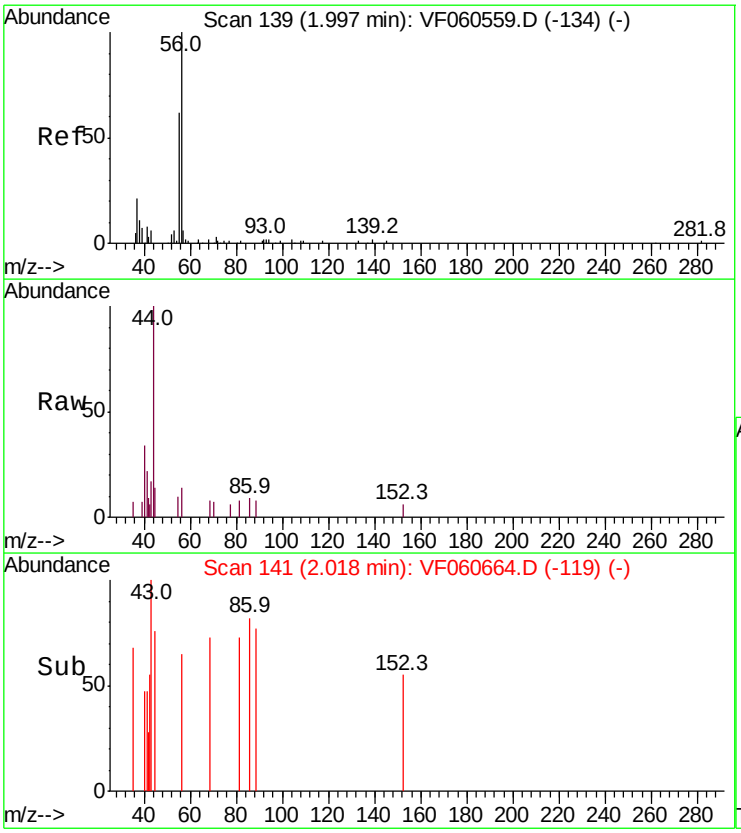
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.57 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 60

Ion	Ratio	Lower	Upper
59	100		
57	316.8	19.0	28.4#

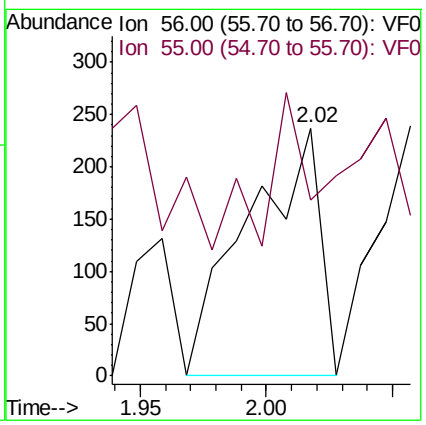


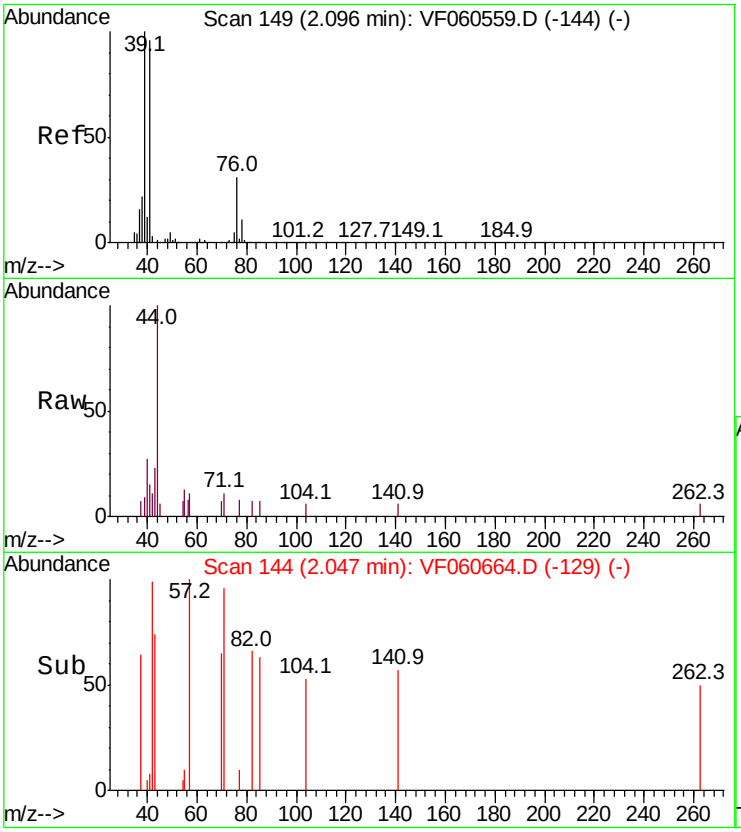


#13
Acrolein
Concen: Below Cal
RT: 2.02 min Scan# 141
Delta R.T. 0.02 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Tgt Ion: 56 Resp: 474

Ion	Ratio	Lower	Upper
56	100		
55	70.9	61.8	92.6



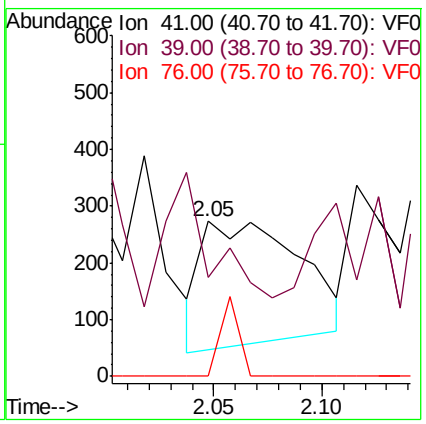


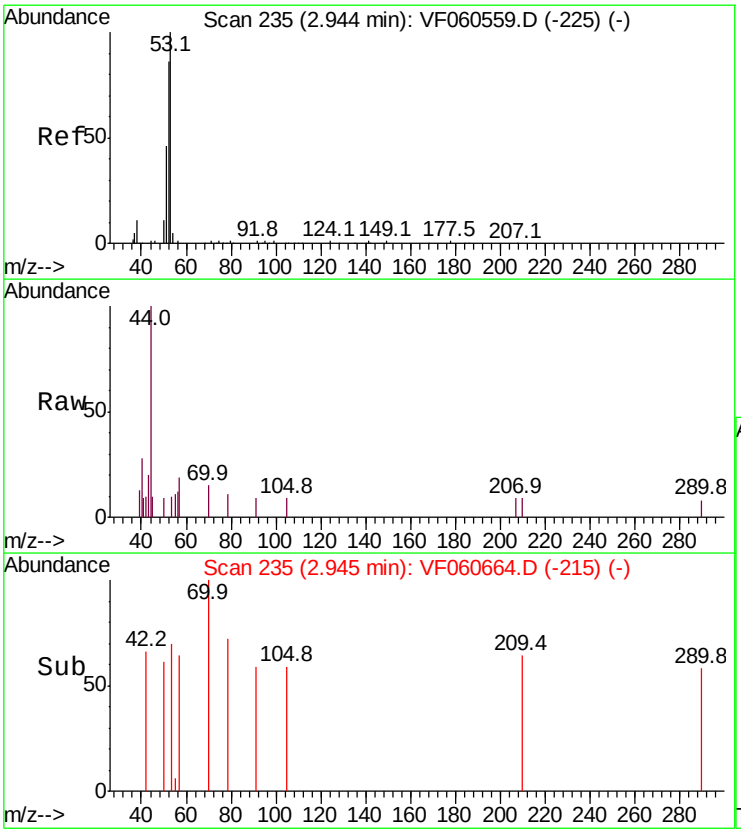
#14
Allyl chloride
Concen: 1.086 ug/l
RT: 2.05 min Scan# 144
Delta R.T. -0.05 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 683

Ion	Ratio	Lower	Upper
41	100		
39	64.1	82.6	124.0#
76	0.0	26.7	40.1#

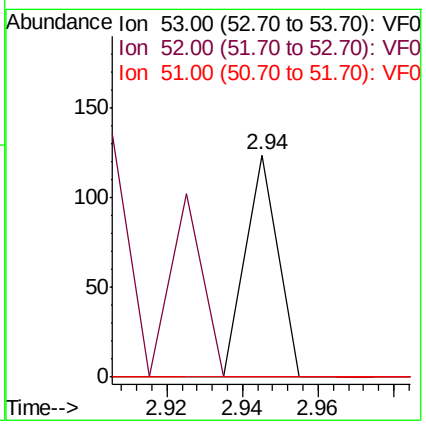


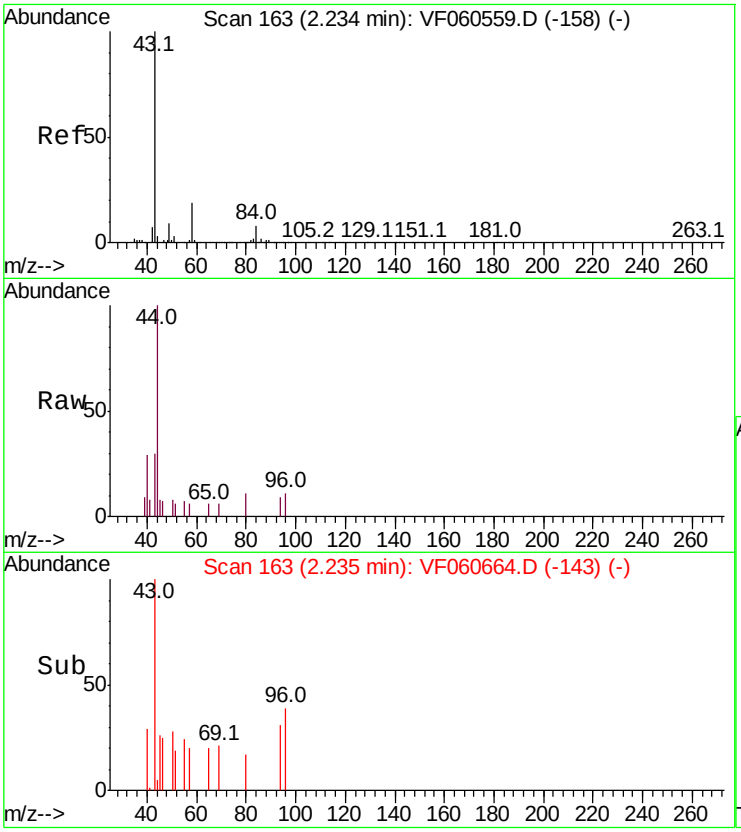


#15
Acrylonitrile
Concen: 1.143 ug/l
RT: 2.94 min Scan# 235
Delta R.T. 0.00 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Tgt Ion: 53 Resp: 73

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



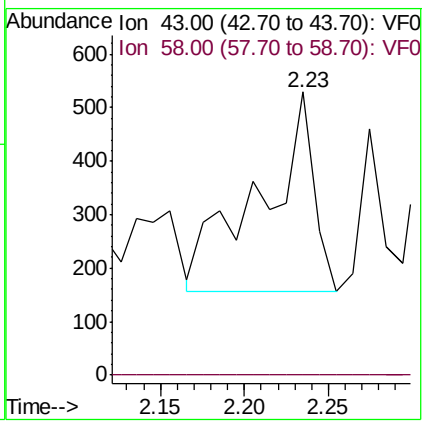


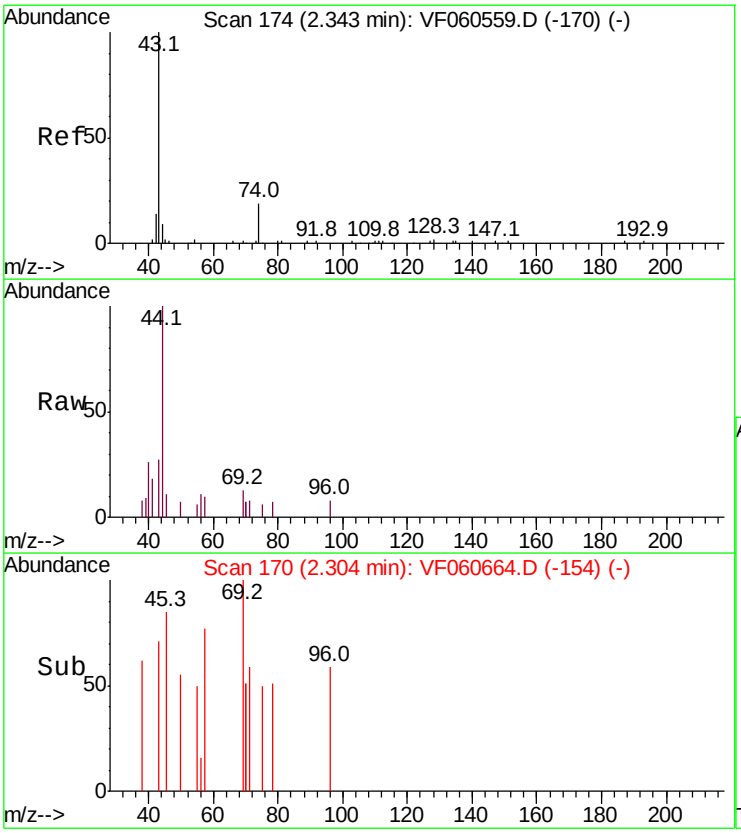
#16
Acetone
Concen: 6.504 ug/l
RT: 2.23 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 821

Ion	Ratio	Lower	Upper
43	100		
58	0.0	14.6	22.0#

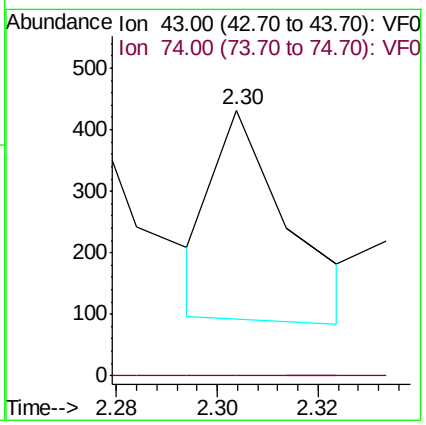


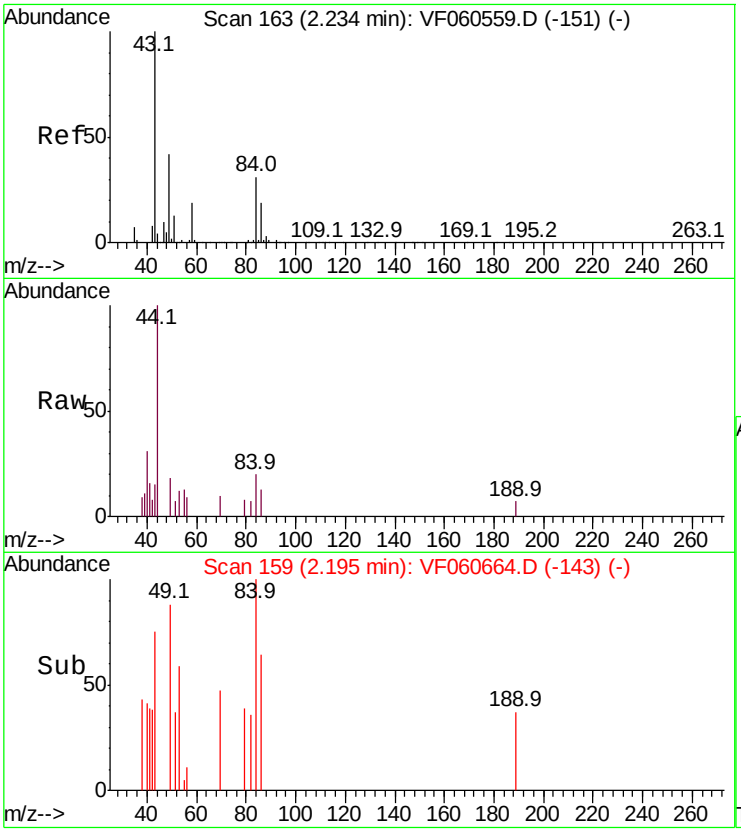


#18
Methyl Acetate
Concen: 2.227 ug/l
RT: 2.30 min Scan# 170
Delta R.T. -0.04 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Tgt Ion: 43 Resp: 346

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#



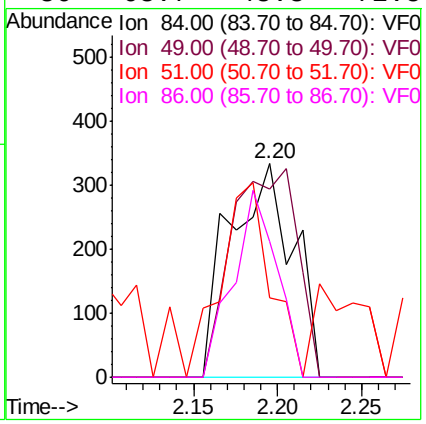


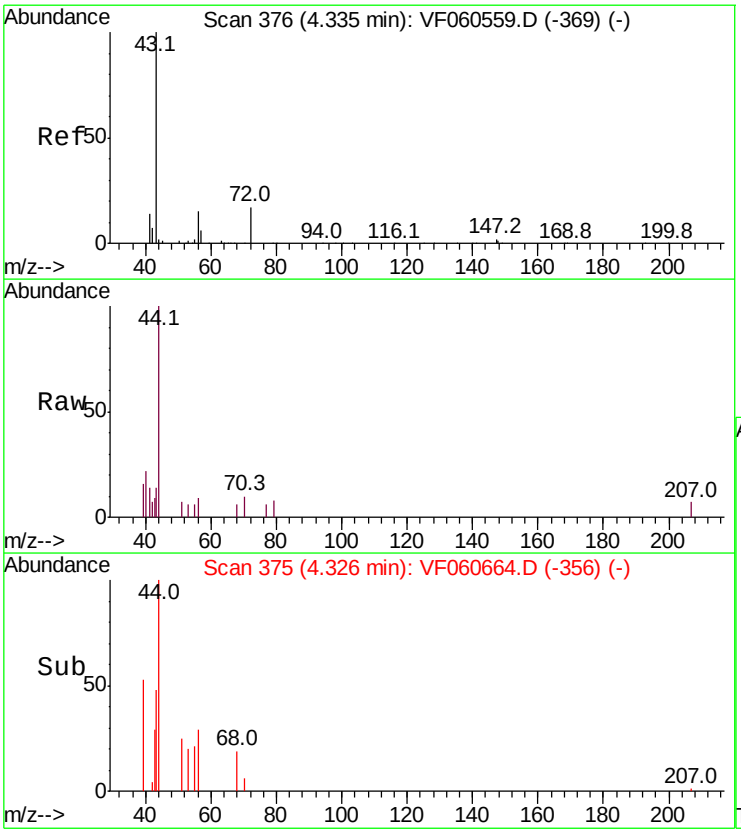
#20
Methylene Chloride
Concen: Below Cal
RT: 2.20 min Scan# 159
Delta R.T. -0.04 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 871

Ion	Ratio	Lower	Upper
84	100		
49	88.0	109.9	164.9#
51	37.2	35.8	53.8
86	63.7	48.3	72.5

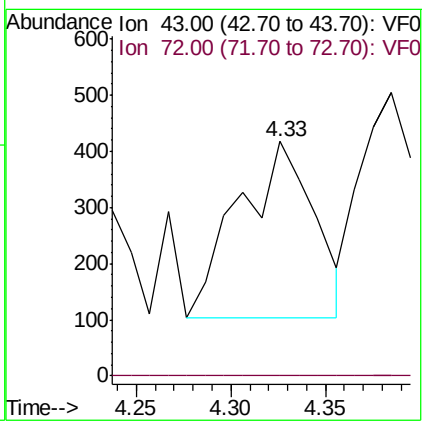


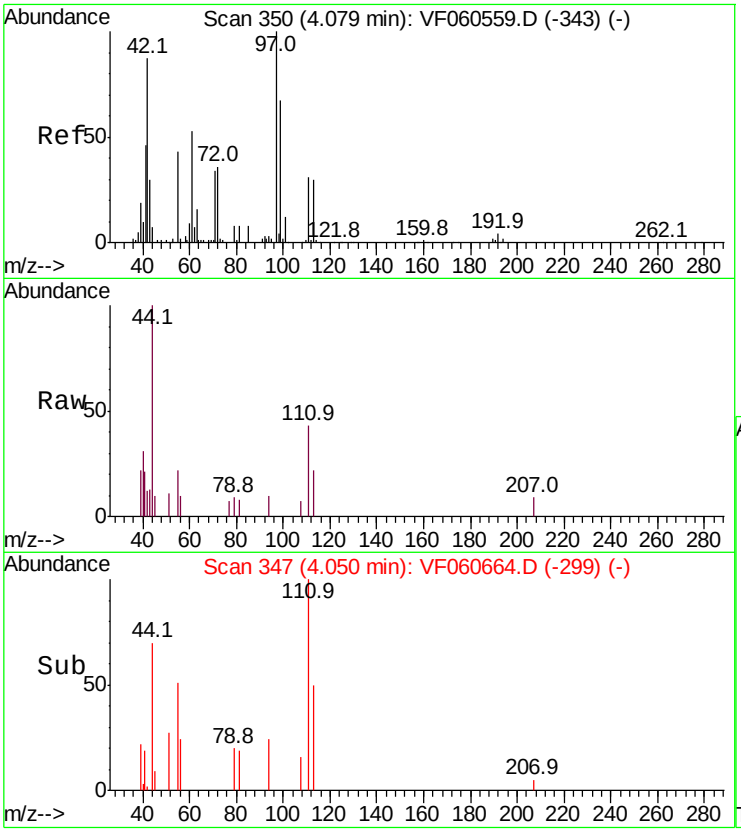


#25
2-Butanone
Concen: Below Cal
RT: 4.33 min Scan# 375
Delta R.T. -0.01 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Tgt Ion: 43 Resp: 875

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.2#



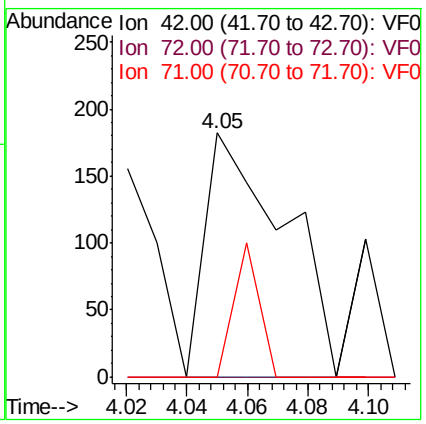


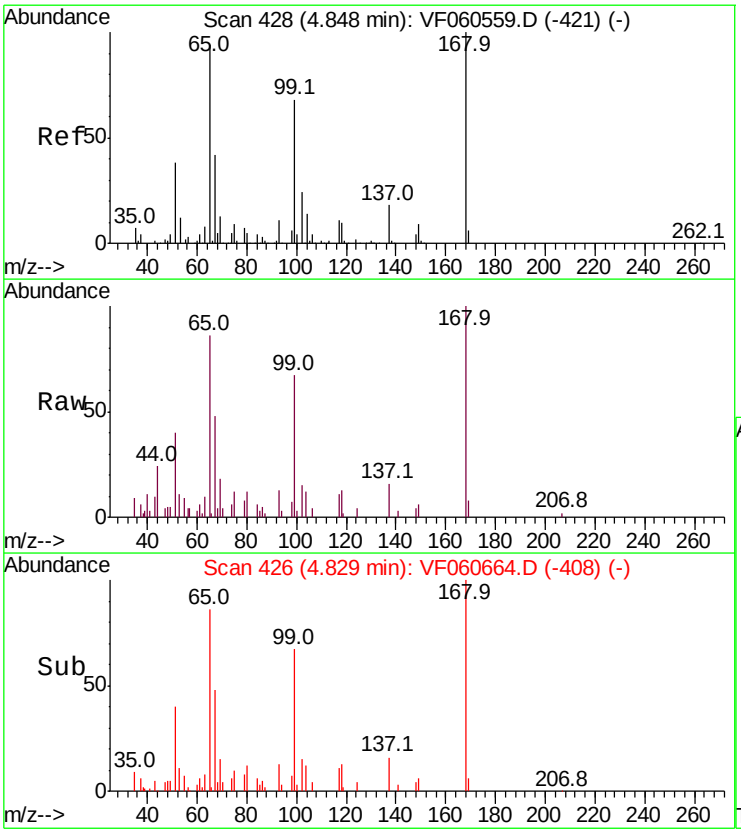
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.05 min Scan# 347
Delta R.T. -0.03 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 331

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	17.8	31.8	47.6#

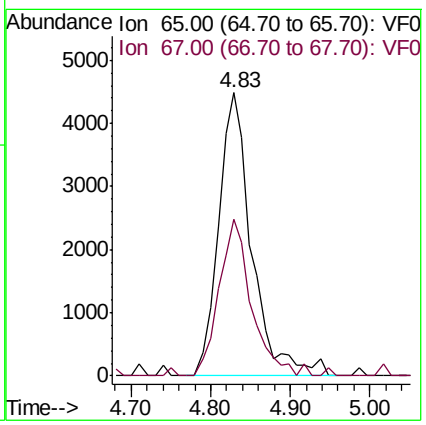


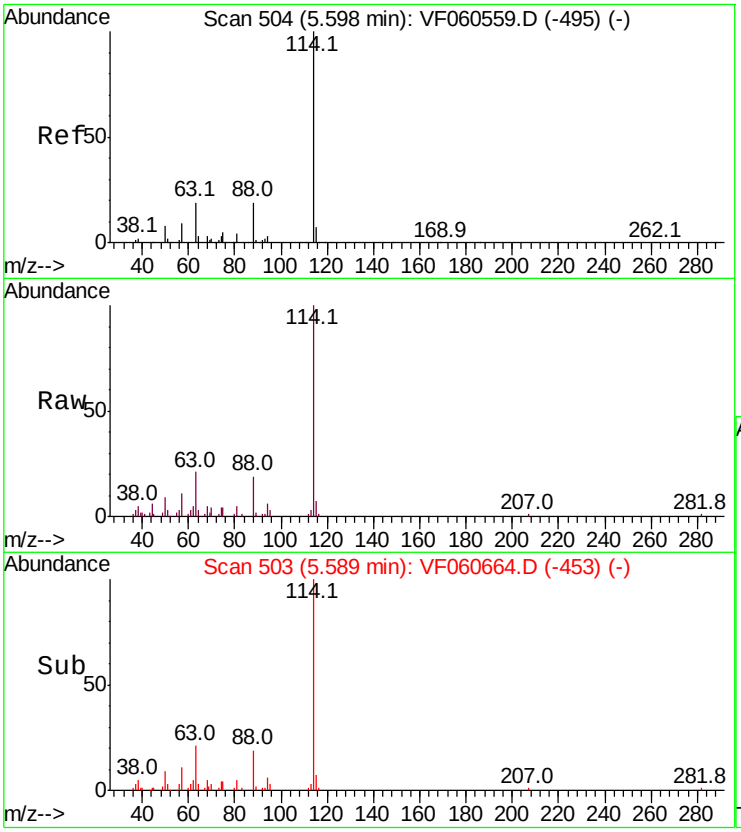


#33
1,2-Dichloroethane-d4
Concen: 24.314 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Tgt Ion: 65 Resp: 13025

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	101.8



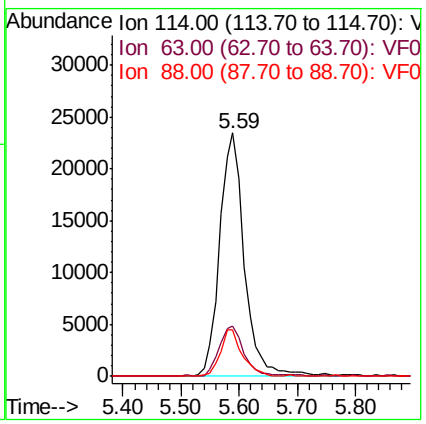


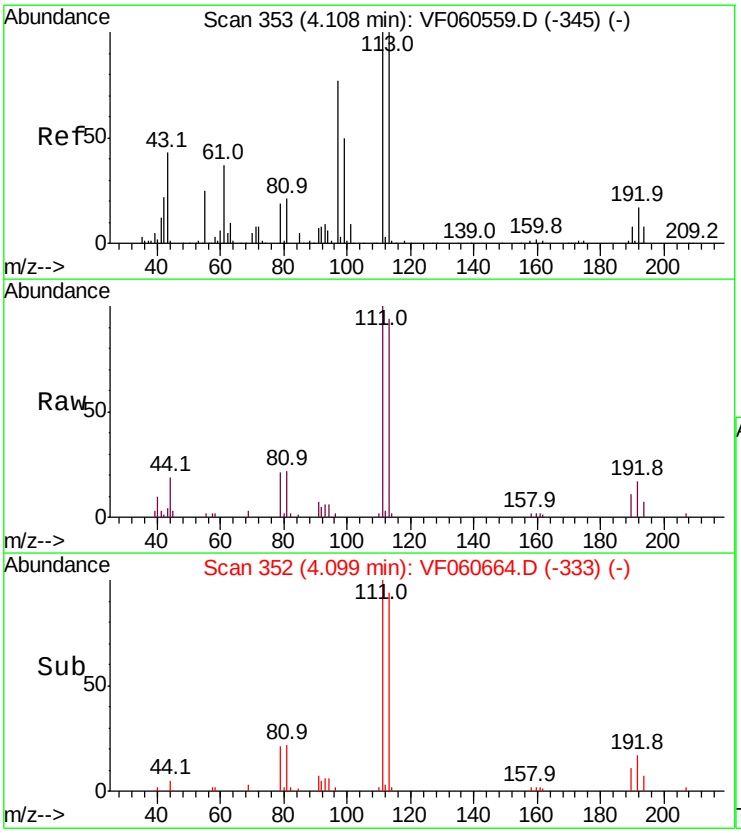
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.01 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 68839

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.0
88	19.1	0.0	38.2

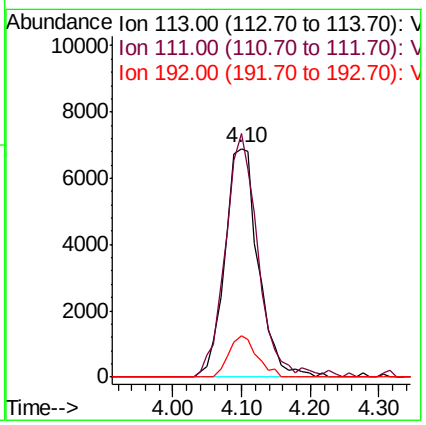


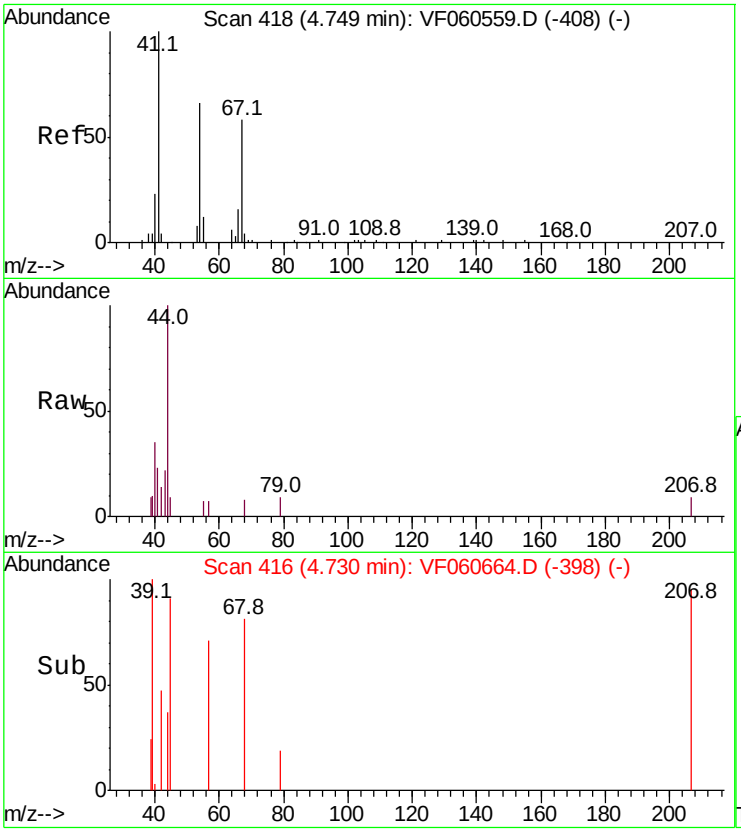


#35
Dibromofluoromethane
Concen: 43.606 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Tgt Ion:113 Resp: 23192

Ion	Ratio	Lower	Upper
113	100		
111	106.4	79.9	119.9
192	17.9	13.3	19.9



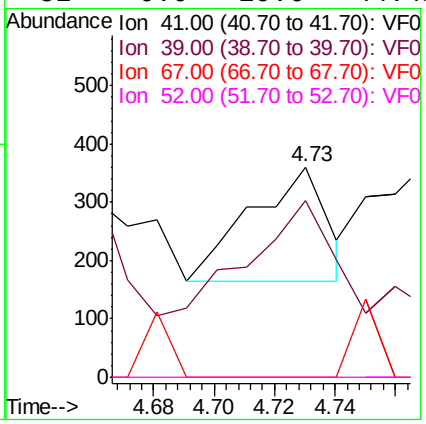


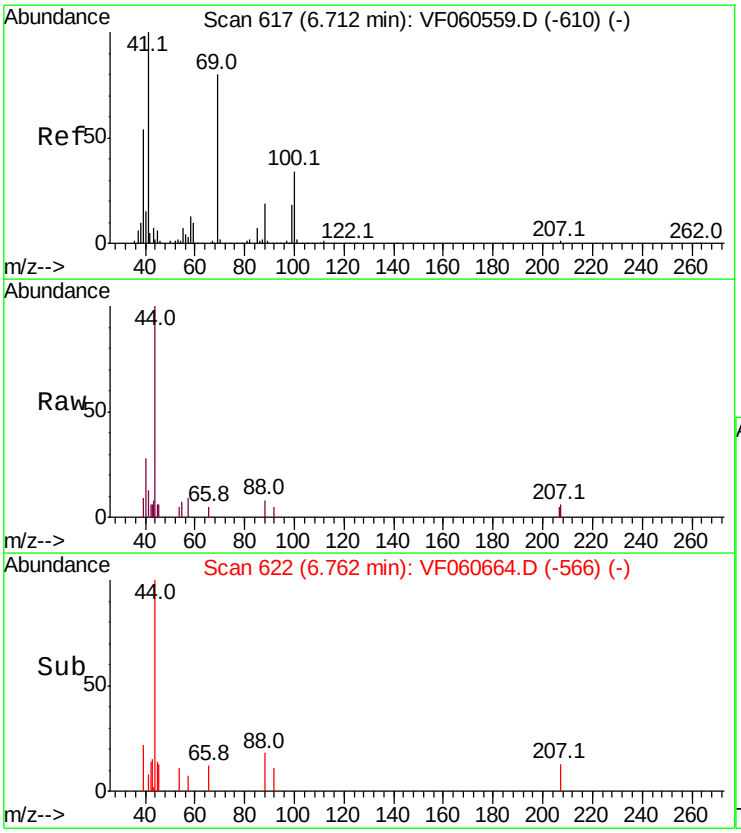
#41
Methacrylonitrile
Concen: 1.689 ug/l
RT: 4.73 min Scan# 416
Delta R.T. -0.02 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 348

Ion	Ratio	Lower	Upper
41	100		
39	83.9	45.6	68.4#
67	0.0	45.3	67.9#
52	0.0	29.6	44.4#

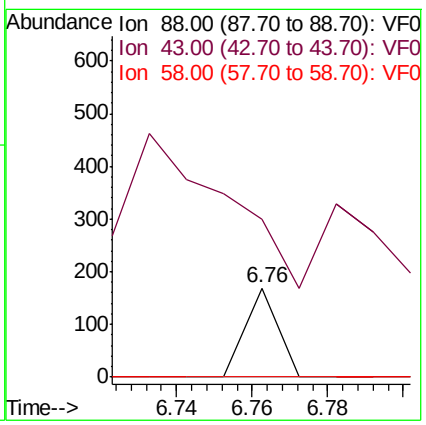


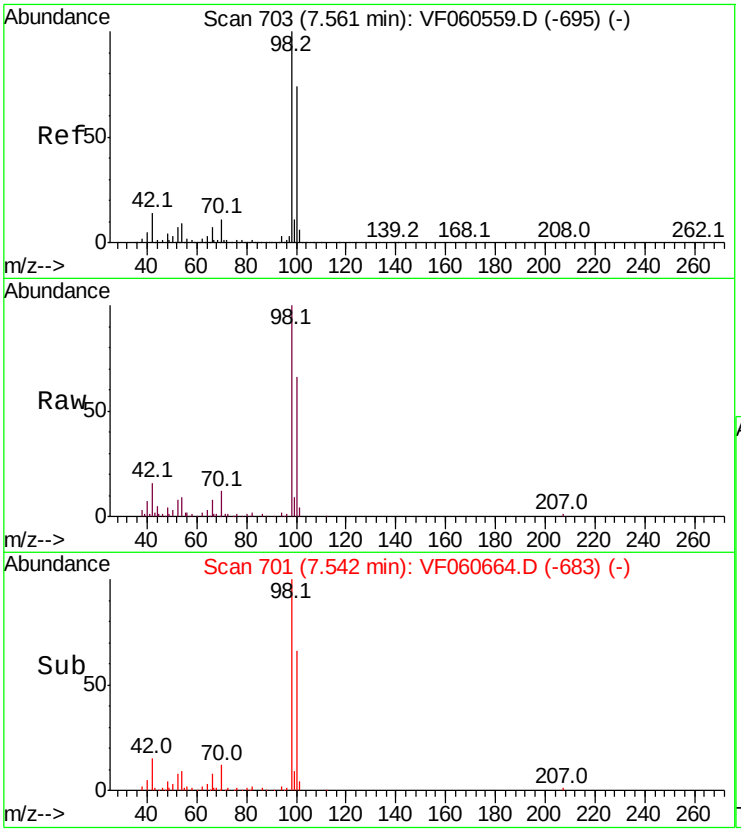


#49
1,4-Dioxane
Concen: 33.048 ug/l
RT: 6.76 min Scan# 622
Delta R.T. 0.05 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Tgt Ion: 88 Resp: 100

Ion	Ratio	Lower	Upper
88	100		
43	176.9	61.2	91.8#
58	0.0	56.9	85.3#



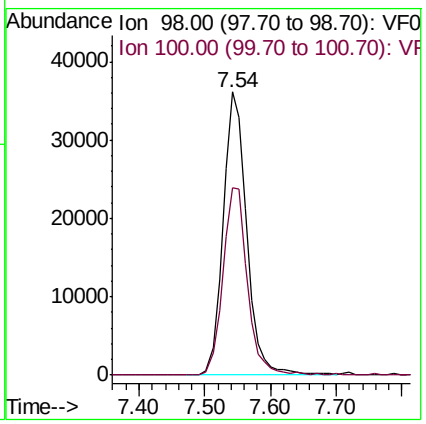


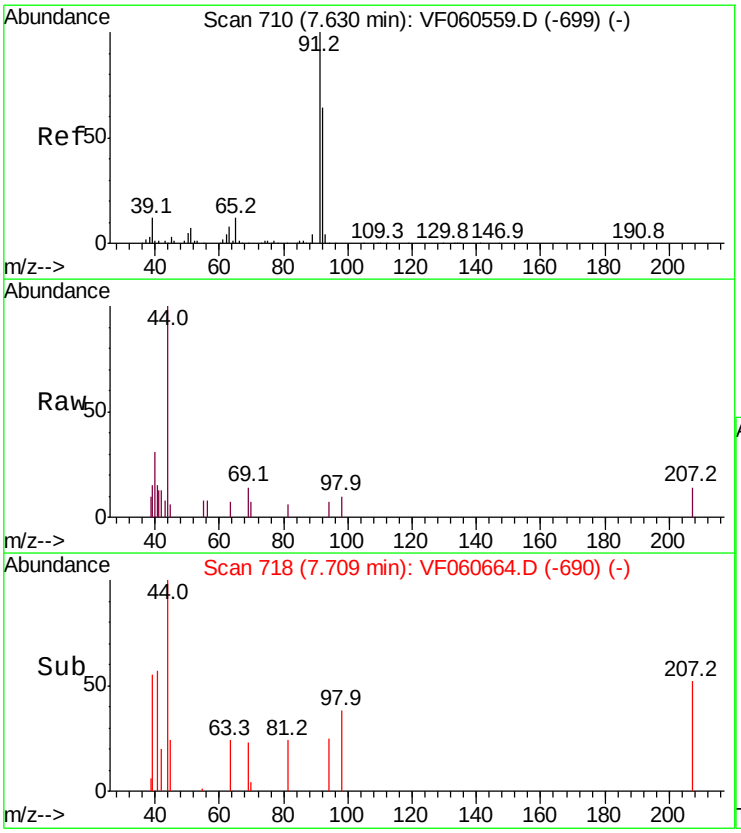
#50
Toluene-d8
Concen: 57.613 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 90769

Ion	Ratio	Lower	Upper
98	100		
100	66.4	59.4	89.2

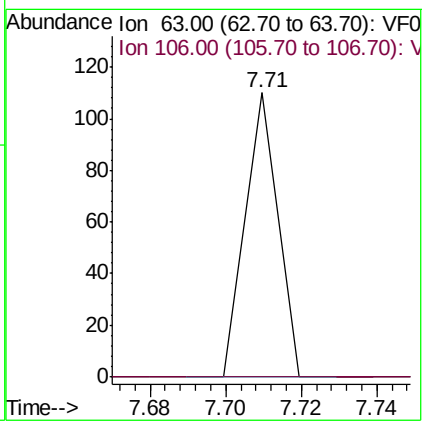


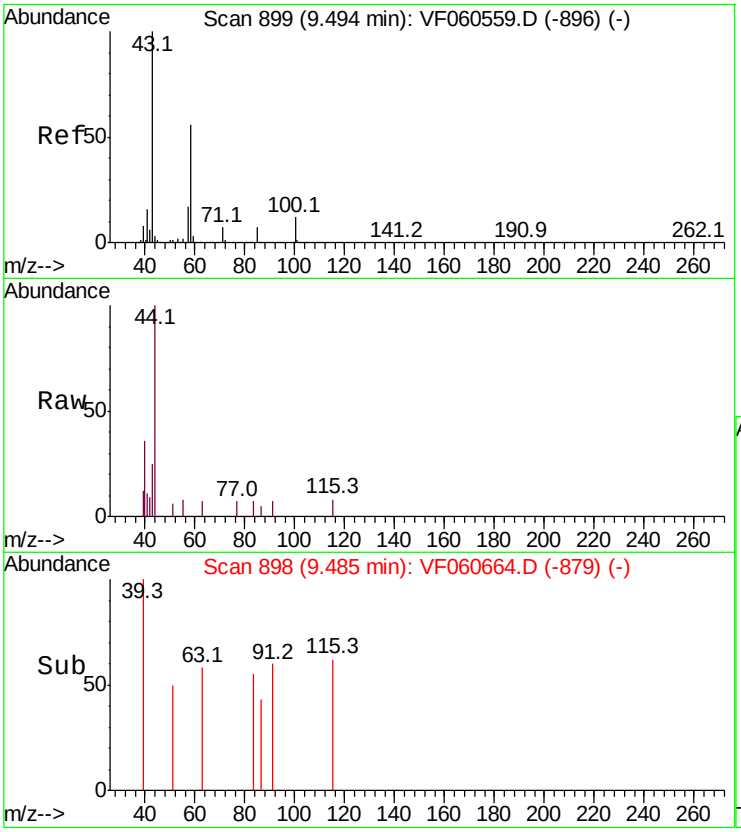


#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.71 min Scan# 718
Delta R.T. 0.08 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Tgt Ion: 63 Resp: 65

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



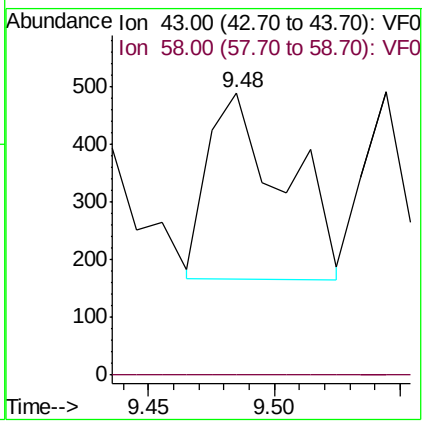


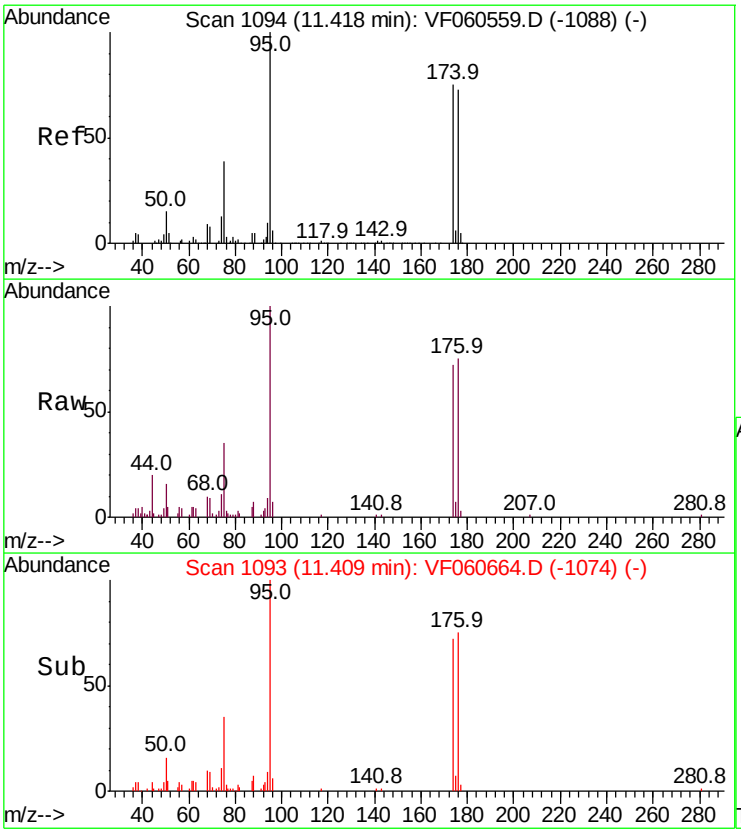
#59
2-Hexanone
Concen: Below Cal
RT: 9.48 min Scan# 898
Delta R.T. -0.01 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 678

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.1	78.3#

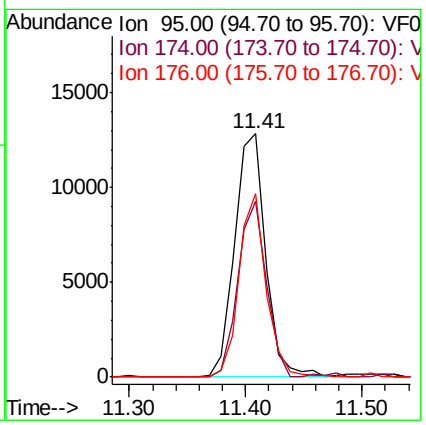


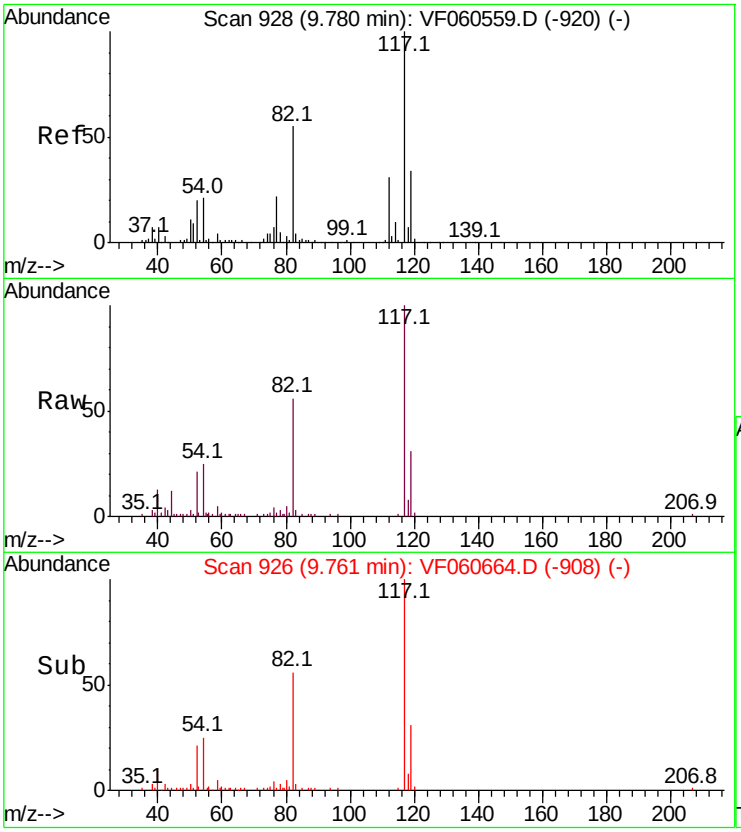


#62
4-Bromofluorobenzene
Concen: 34.388 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Tgt Ion: 95 Resp: 23698

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	149.0
176	75.5	0.0	145.6



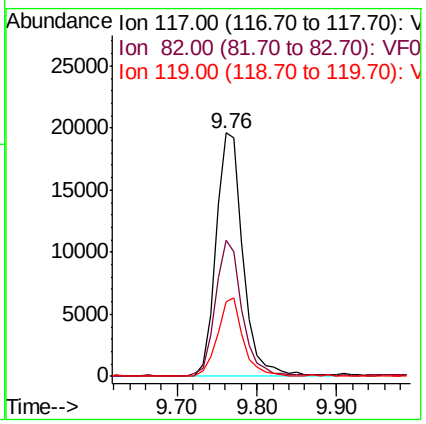


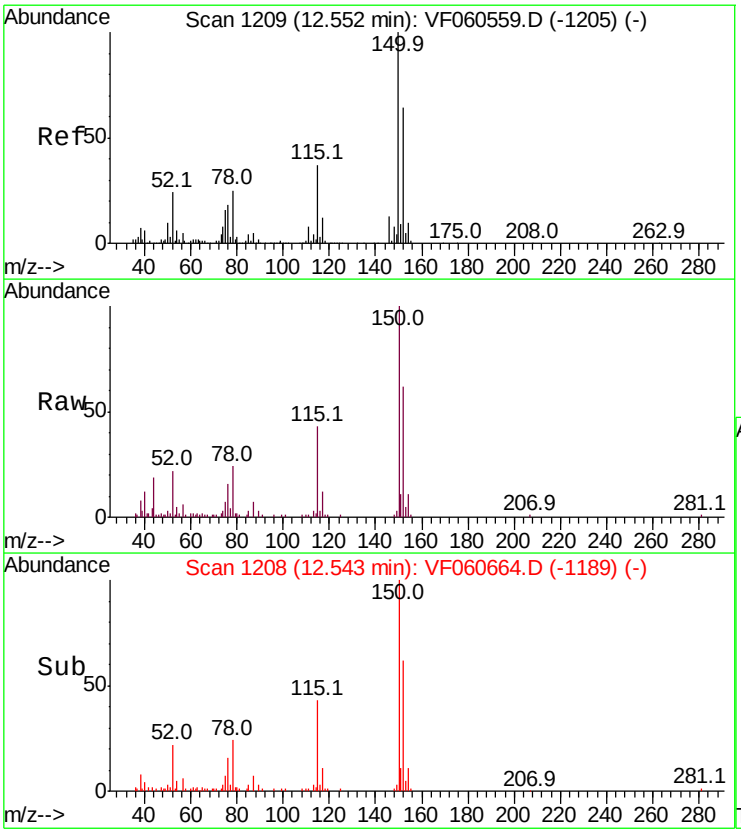
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 46899

Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.9	65.9
119	30.6	27.4	41.0

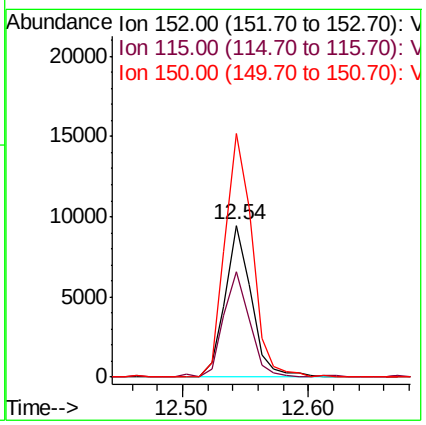


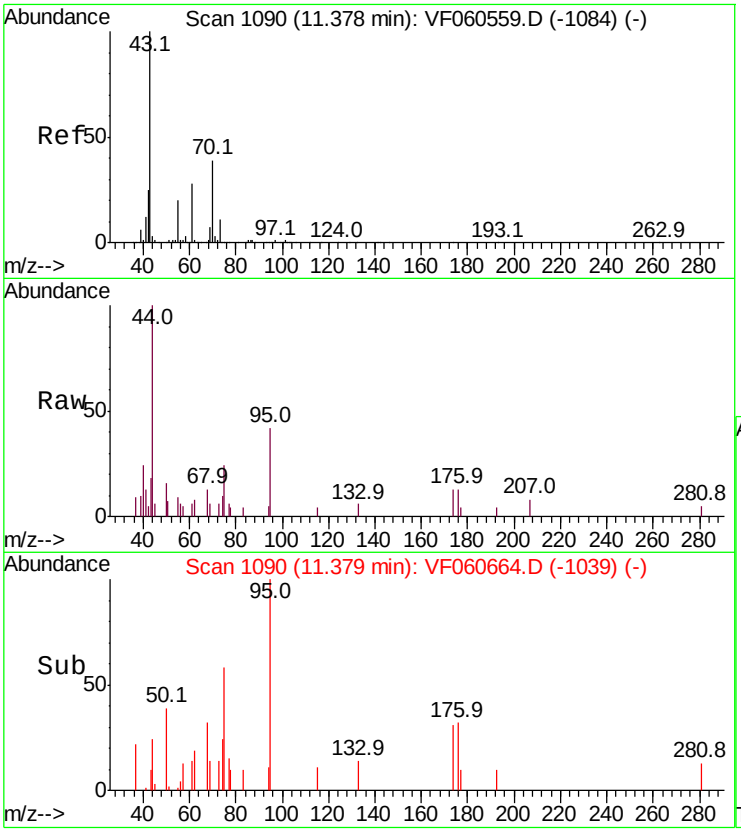


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Tgt Ion:152 Resp: 13686

Ion	Ratio	Lower	Upper
152	100		
115	69.6	29.6	88.8
150	160.6	0.0	315.6



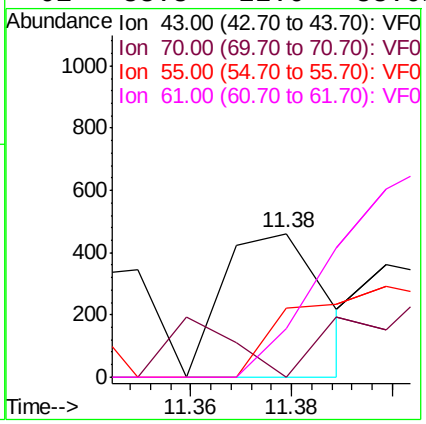


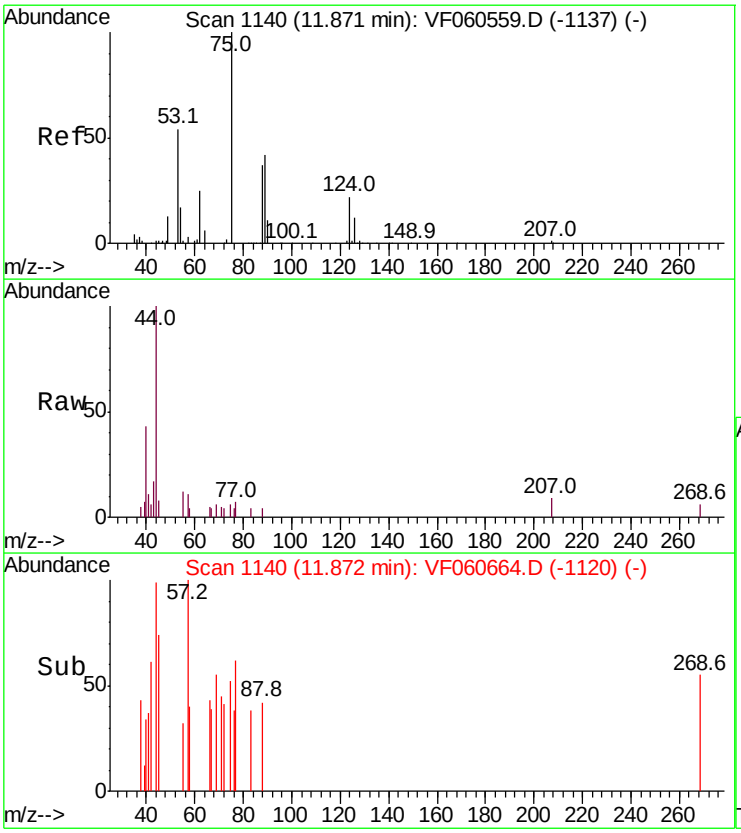
#74
N-amyl acetate
Concen: Below Cal
RT: 11.38 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 652

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.9	46.3#
55	48.1	16.6	24.8#
61	33.8	22.0	33.0#

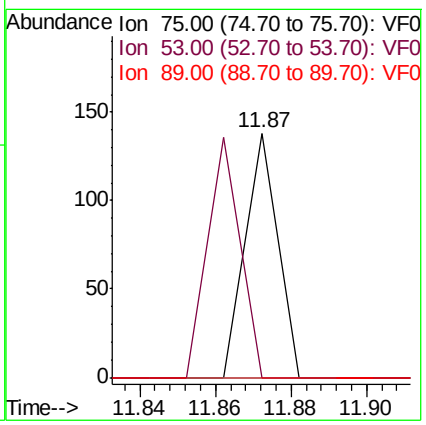


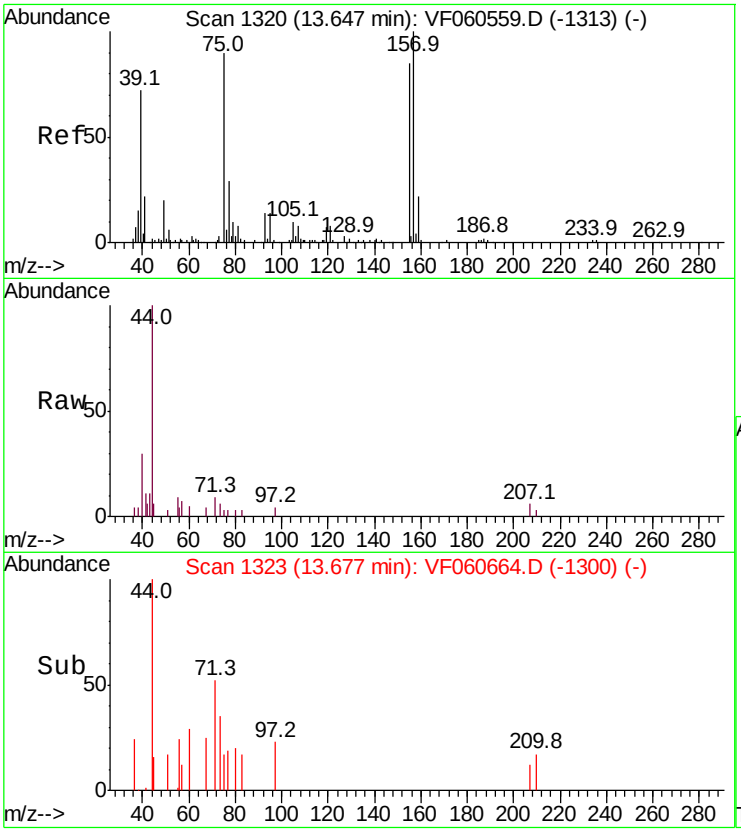


#81
trans-1,4-Dichloro-2-butene
Concen: 1.090 ug/l
RT: 11.87 min Scan# 1140
Delta R.T. 0.00 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Tgt Ion: 75 Resp: 82

Ion	Ratio	Lower	Upper
75	100		
53	0.0	51.6	77.4#
89	0.0	36.7	55.1#





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.773 ug/l
RT: 13.68 min Scan# 1323
Delta R.T. 0.03 min
Lab File: VF060664.D
Acq: 8 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 60

Ion	Ratio	Lower	Upper
75	100		
155	0.0	47.3	141.8#
157	0.0	55.3	165.9#