Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080218\
Data File : VF059815.D
Acq On : 2 Aug 2018 21:58
Operator : VA/AP
Sample : J4164-11
Misc : 10.19g/5mL/MSVOA_F/SOIL
ALS Vial : 94 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Quant Time: Aug 03 07:07:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	184	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.63
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	152	16.11	ug/l	0.04
Spiked Amount 50.000			Recovery = 32.22%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	7.69	98	198	44.43	ug/l	-0.02
Spiked Amount 50.000			Recovery = 88.86%			
62) 4-Bromofluorobenzene	11.37	95	62	25.13	ug/l	-0.14
Spiked Amount 50.000			Recovery = 50.26%			
Target Compounds						Qvalue
3) Chloromethane	1.09	50	83	24.738	ug/l #	38
4) Vinyl Chloride	1.10	62	77	21.571	ug/l #	47
5) Bromomethane	1.46	94	141	53.011	ug/l #	4
6) Chloroethane	1.38	64	66	31.749	ug/l #	35
7) Trichlorofluoromethane	1.53	101	70	7.140	ug/l #	18
11) Tert butyl alcohol	2.70	59	67	175.679	ug/l #	74
14) Allyl chloride	2.25	41	82	12.632	ug/l #	1
15) Acrylonitrile	2.98	53	80	131.256	ug/l #	7
16) Acetone	2.32	43	69	40.657	ug/l #	68
17) Carbon Disulfide	1.85	76	124	10.552	ug/l #	71
18) Methyl Acetate	2.45	43	79	27.784	ug/l #	64
20) Methylene Chloride	2.19	84	85	18.493	ug/l #	1
21) trans-1,2-Dichloroethene	2.29	96	202	57.117	ug/l #	1
22) Diisopropyl ether	2.83	45	154	11.219	ug/l #	33
23) Vinyl Acetate	3.32	43	106	15.019	ug/l #	83
24) 1,1-Dichloroethane	2.92	63	111	11.639	ug/l #	91
25) 2-Butanone	4.49	43	495	261.351	ug/l #	74
26) 2,2-Dichloropropane	3.68	77	125	18.386	ug/l #	66
27) cis-1,2-Dichloroethene	3.49	96	76	14.881	ug/l	1
28) Bromochloromethane	4.01	49	69	17.828	ug/l #	15
29) Tetrahydrofuran	4.14	42	111	152.484	ug/l #	39
31) Cyclohexane	3.83	56	60	9.654	ug/l #	15
36) 1,1-Dichloropropene	4.39	75	73	38.262	ug/l #	46
37) Ethyl Acetate	4.33	43	182	213.354	ug/l #	19
38) Carbon Tetrachloride	4.06	117	99	33.841	ug/l #	14
39) Methylcyclohexane	5.71	83	67	46.906	ug/l #	13
40) Benzene	4.85	78	90	24.221	ug/l #	52
41) Methacrylonitrile	4.95	41	170	385.881	ug/l #	33
43) Isopropyl Acetate	7.13	43	91	82.710	ug/l #	46
44) Trichloroethene	5.73	130	60	47.924	ug/l	2
46) Dibromomethane	6.38	93	97	104.116	ug/l #	8
48) Methyl methacrylate	6.95	41	144	174.004	ug/l #	1
49) 1,4-Dioxane	7.01	88	154	11659.424	ug/l #	21
51) 4-Methyl-2-Pentanone	8.48	43	61	72.884	ug/l #	42

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080218\
Data File : VF059815.D
Acq On : 2 Aug 2018 21:58
Operator : VA/AP
Sample : J4164-11
Misc : 10.19g/5mL/MSVOA_F/SOIL
ALS Vial : 94 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Quant Time: Aug 03 07:07:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) t-1,3-Dichloropropene	8.57	75	76	34.523	ug/l	#	41
56) Ethyl methacrylate	8.59	69	71	67.650	ug/l	#	14
57) 1,3-Dichloropropane	9.09	76	69	39.966	ug/l	#	41
59) 2-Hexanone	9.62	43	82	122.262	ug/l	#	30
60) Dibromochloromethane	8.83	129	96	54.061	ug/l	#	12
61) 1,2-Dibromoethane	9.22	107	64	54.462	ug/l	#	4
64) Tetrachloroethene	8.42	164	68	64.648	ug/l	#	1
66) 1,1,1,2-Tetrachloroethane	10.14	131	62	41.752	ug/l	#	9
67) Ethyl Benzene	9.90	91	70	12.720	ug/l	#	46
68) m/p-Xylenes	10.27	106	63	31.196	ug/l	#	1
70) Styrene	10.93	104	75	24.415	ug/l	#	26

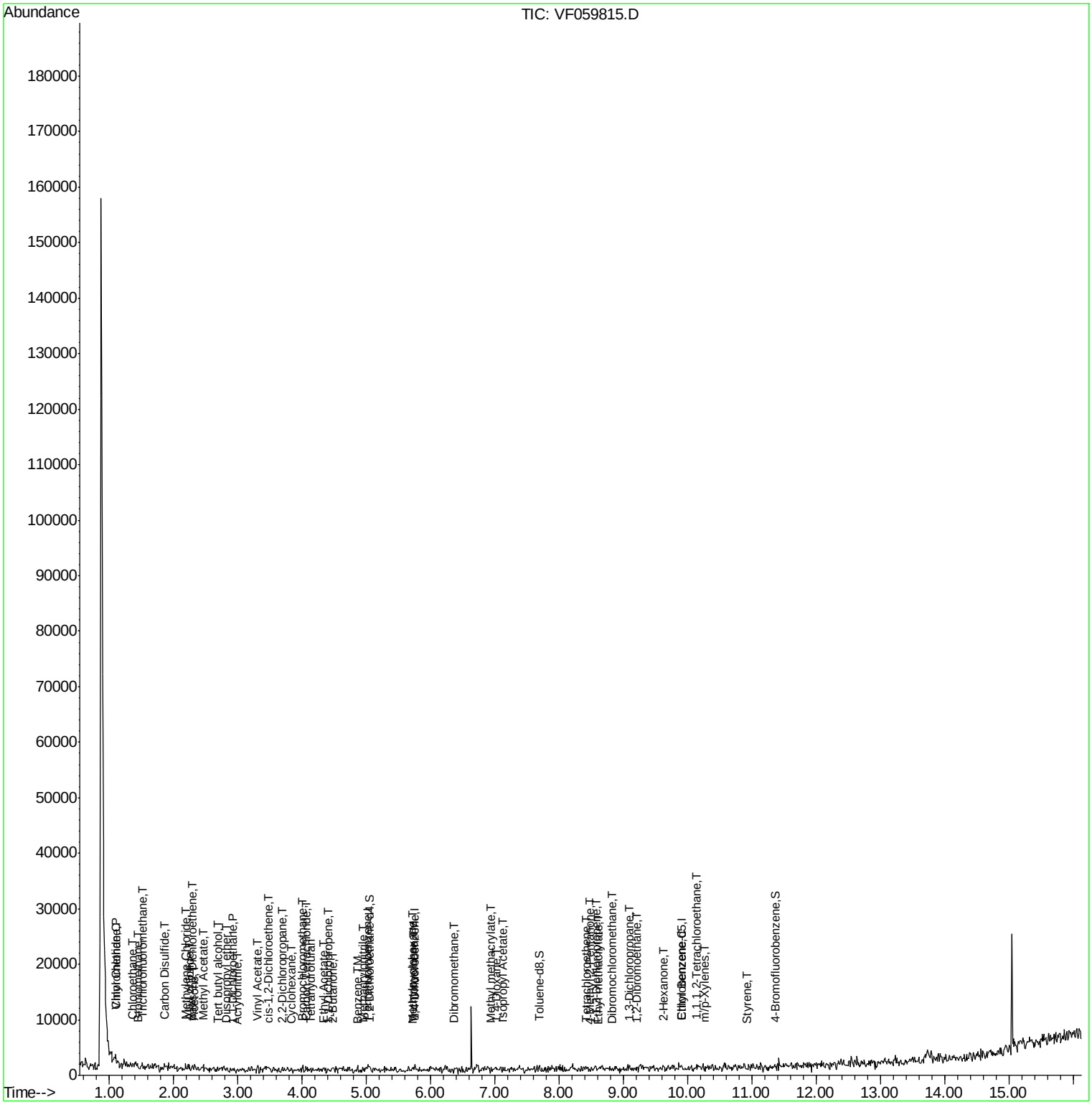
(#) = qualifier out of range (m) = manual integration (+) = signals summed

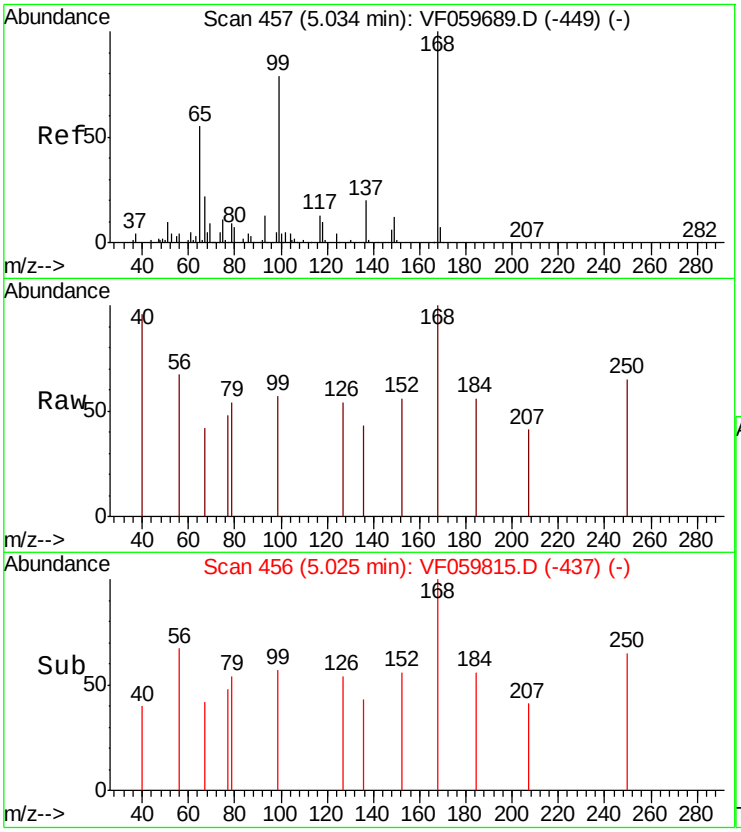
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059815.D
Acq On : 2 Aug 2018 21:58
Operator : VA/AP
Sample : J4164-11
Misc : 10.19g/5mL/MSVOA F/SOIL
ALS Vial : 94 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
DUP-072518

Quant Time: Aug 03 07:07:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration



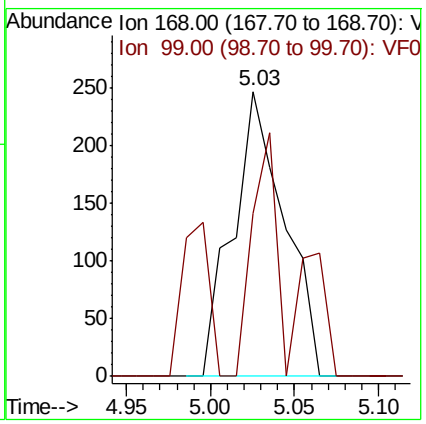


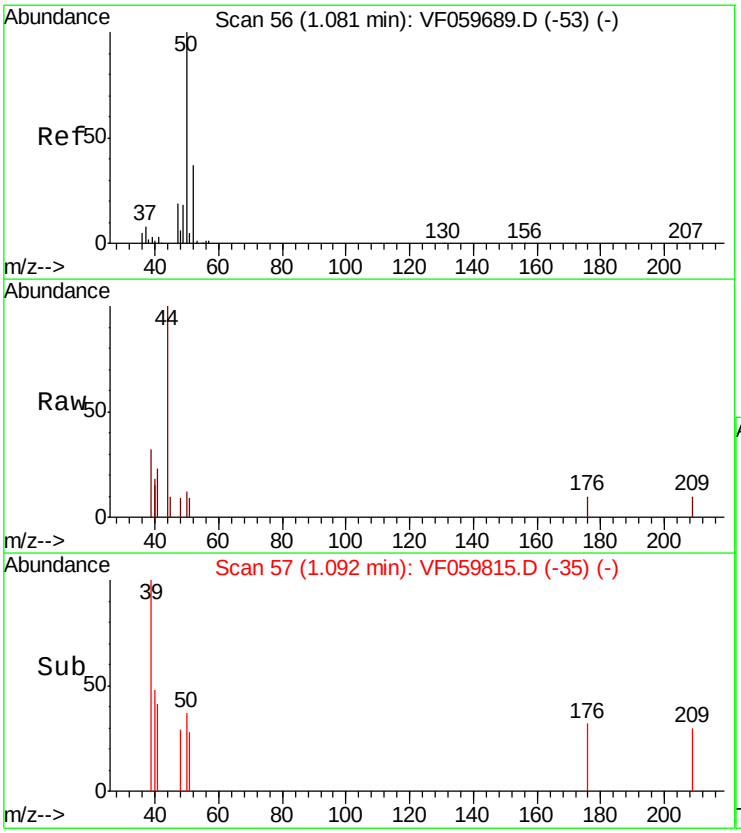
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.01 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument :
MSVOA_F
ClientSampleId :
DUP-072518

Tgt Ion:168 Resp: 525

Ion	Ratio	Lower	Upper
168	100		
99	57.1	63.3	94.9#

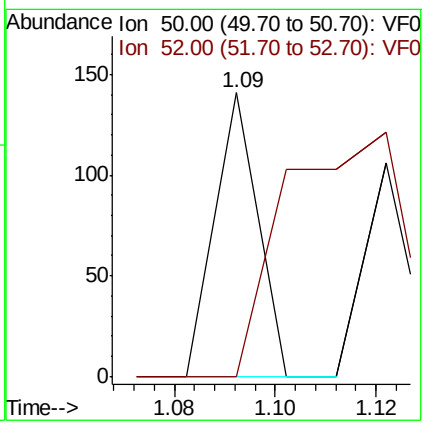


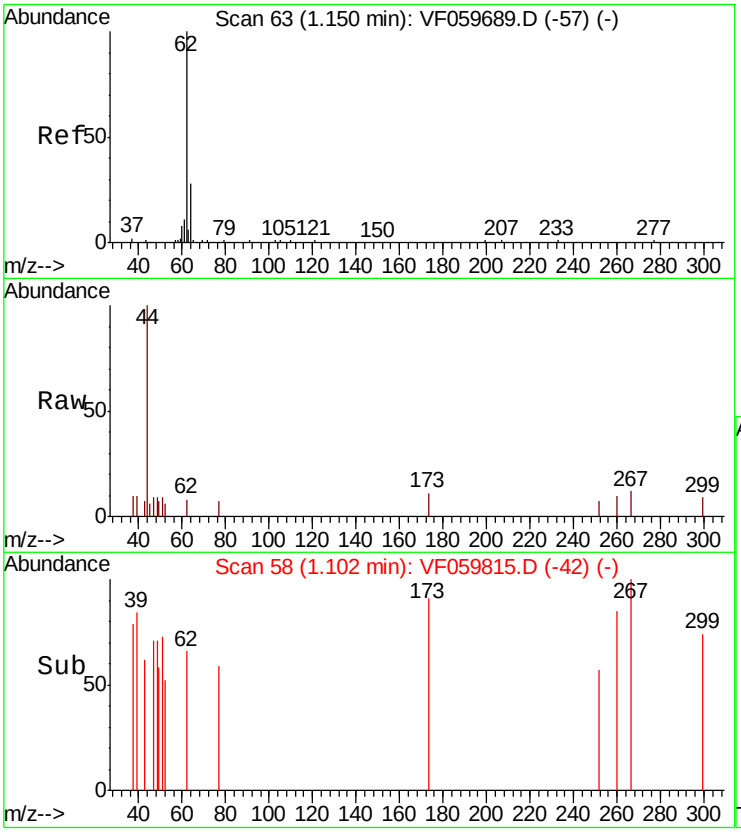


#3
Chloromethane
Concen: 24.738 ug/l
RT: 1.09 min Scan# 57
Delta R.T. 0.01 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 50 Resp: 83

Ion	Ratio	Lower	Upper
50	100		
52	0.0	29.1	43.7#



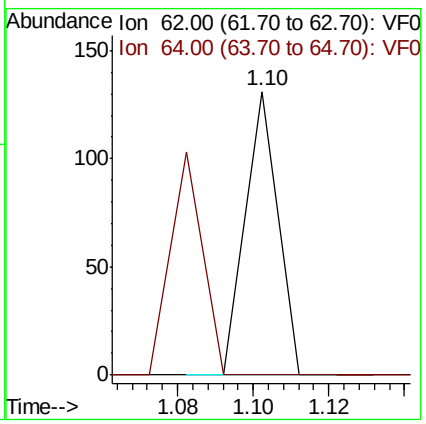


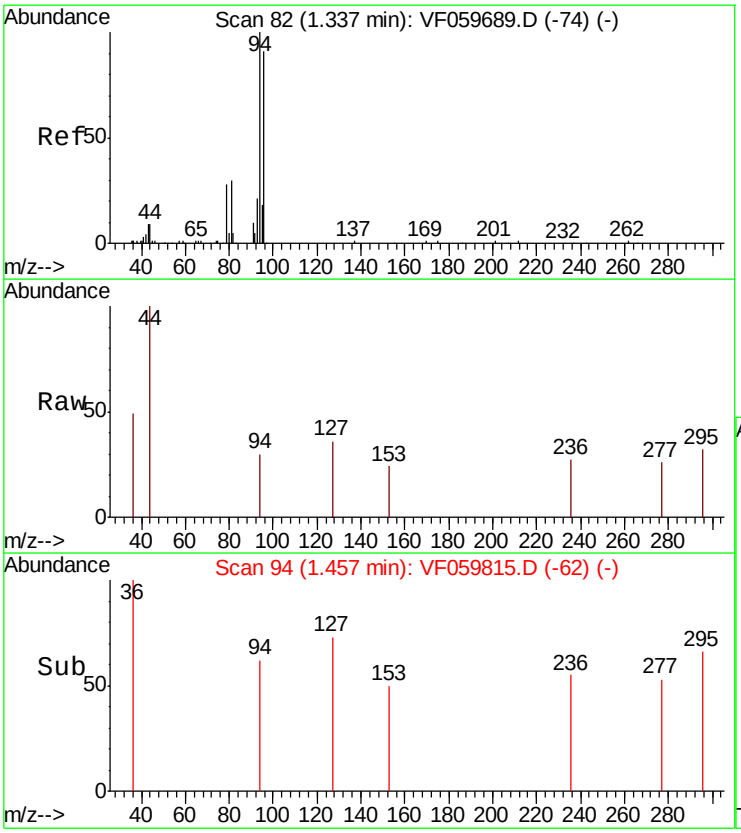
#4
Vinyl Chloride
Concen: 21.571 ug/l
RT: 1.10 min Scan# 58
Delta R.T. -0.05 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Tgt Ion: 62 Resp: 77

Ion	Ratio	Lower	Upper
62	100		
64	0.0	22.6	33.8#

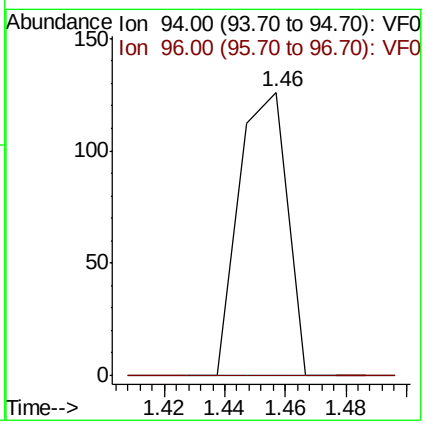


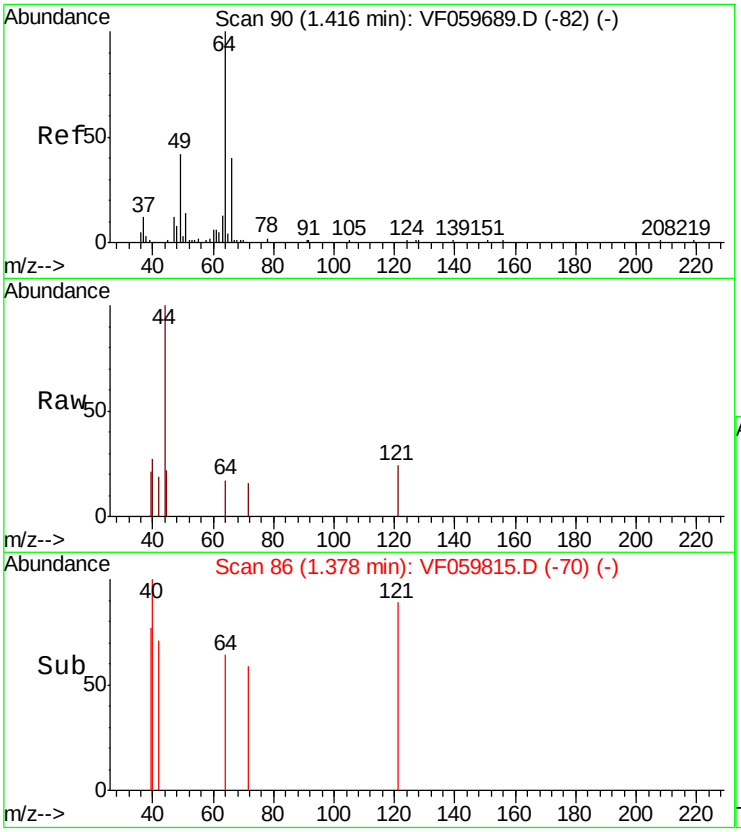


#5
Bromomethane
Concen: 53.011 ug/l
RT: 1.46 min Scan# 94
Delta R.T. 0.12 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 94 Resp: 141

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.6	110.4#



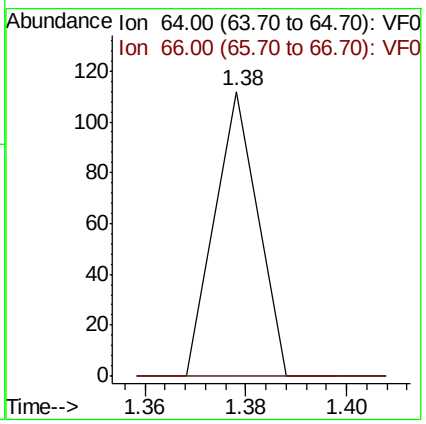


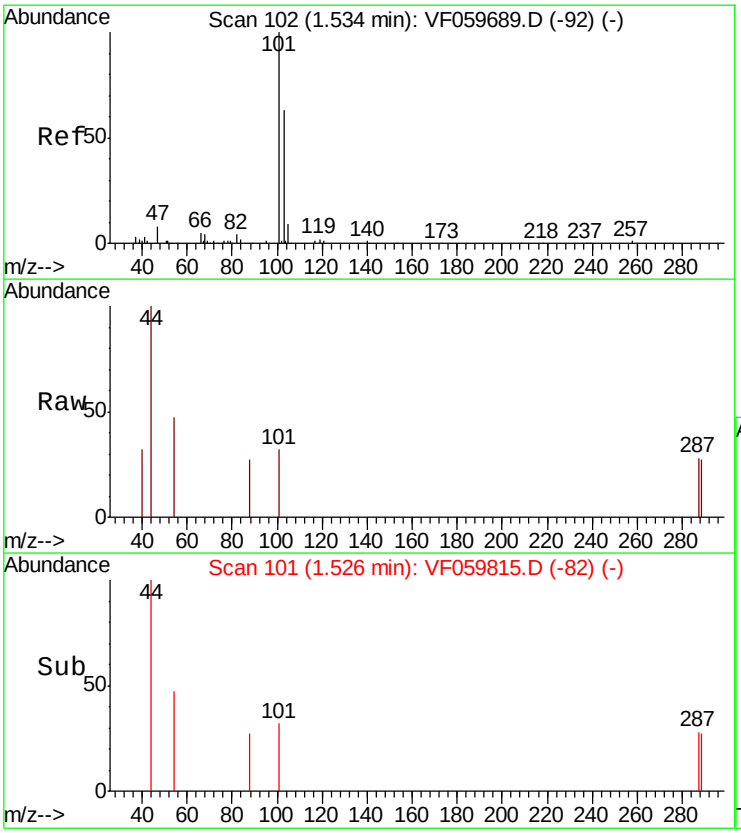
#6
Chloroethane
Concen: 31.749 ug/l
RT: 1.38 min Scan# 86
Delta R.T. -0.04 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument :
MSVOA_F
ClientSampleId :
DUP-072518

Tgt Ion: 64 Resp: 66

Ion	Ratio	Lower	Upper
64	100		
66	0.0	32.6	49.0#

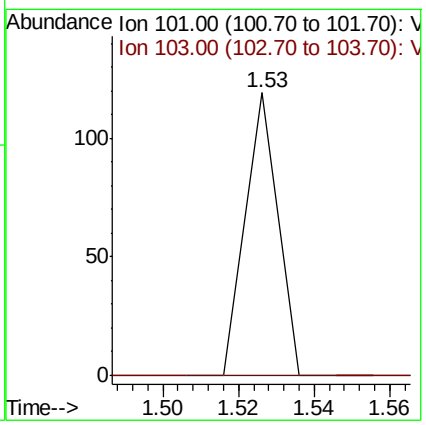


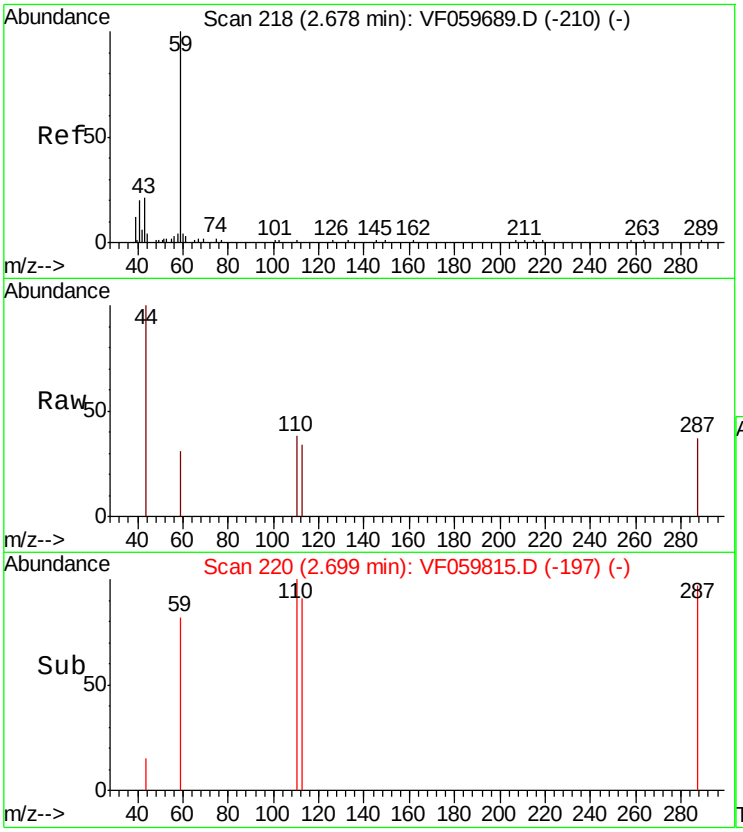


#7
Trichlorofluoromethane
Concen: 7.140 ug/l
RT: 1.53 min Scan# 101
Delta R.T. -0.01 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion:101 Resp: 70

Ion	Ratio	Lower	Upper
101	100		
103	0.0	50.8	76.2#



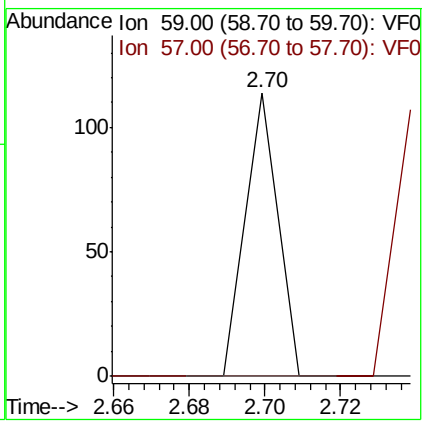


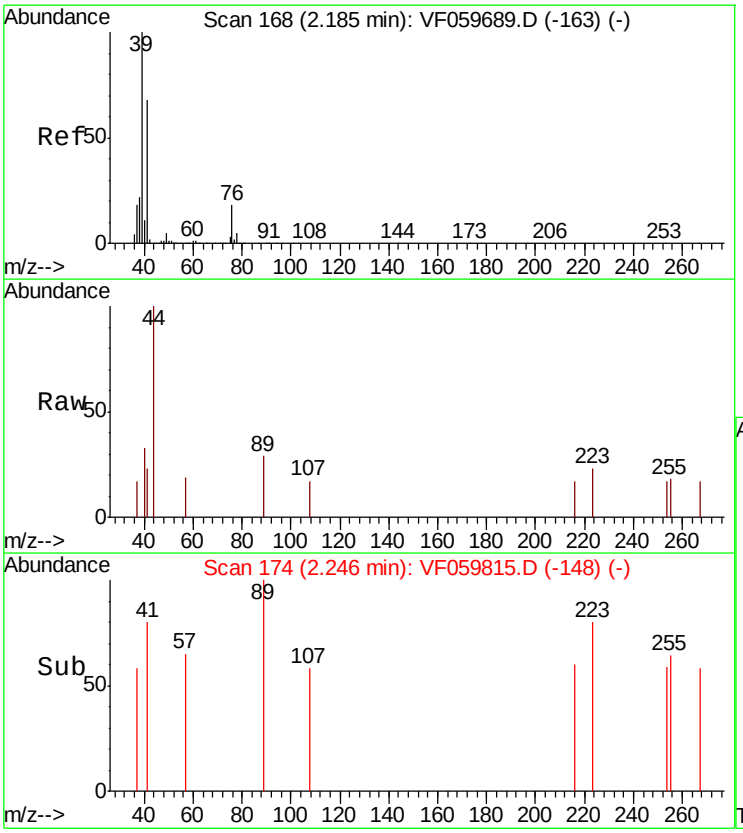
#11
Tert butyl alcohol
Concen: 175.679 ug/l
RT: 2.70 min Scan# 220
Delta R.T. 0.02 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Tgt Ion: 59 Resp: 67

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#

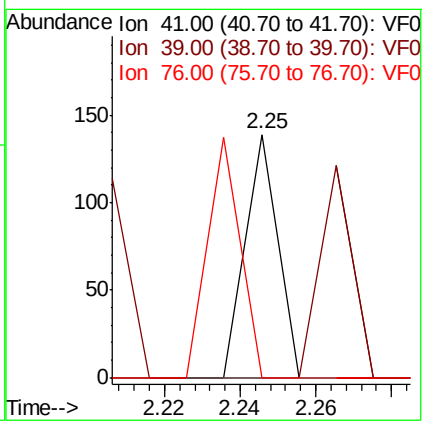


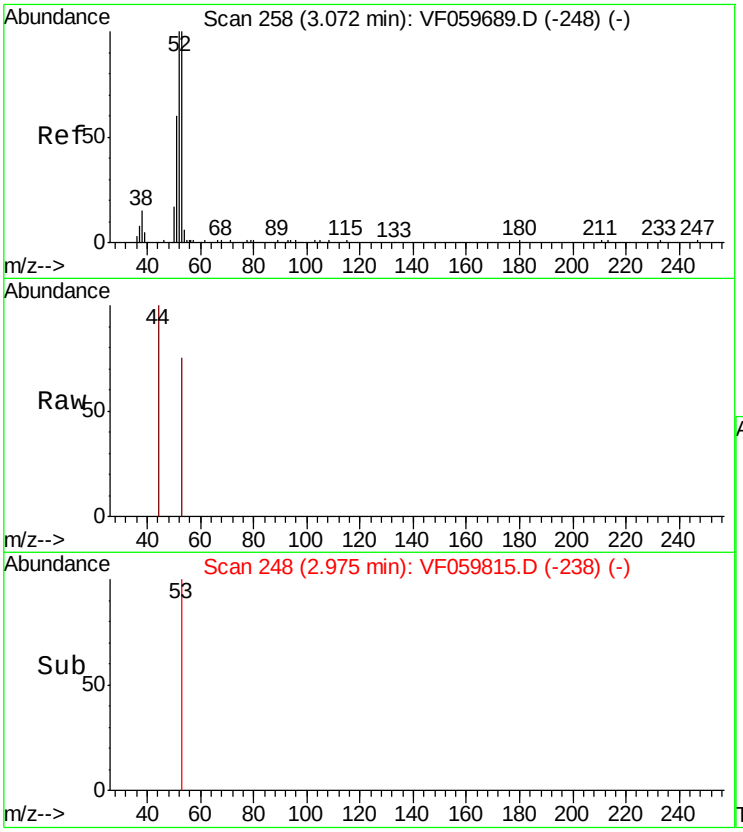


#14
Allyl chloride
Concen: 12.632 ug/l
RT: 2.25 min Scan# 174
Delta R.T. 0.06 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 41 Resp: 82

Ion	Ratio	Lower	Upper
41	100		
39	0.0	118.1	177.1#
76	0.0	22.0	33.0#



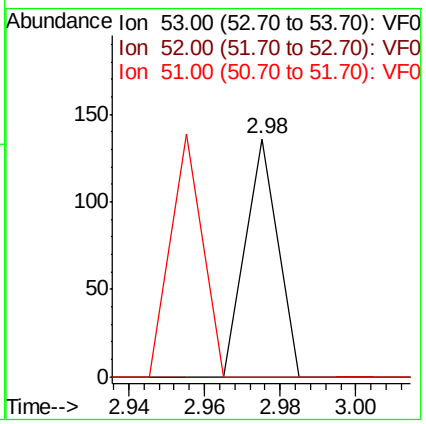


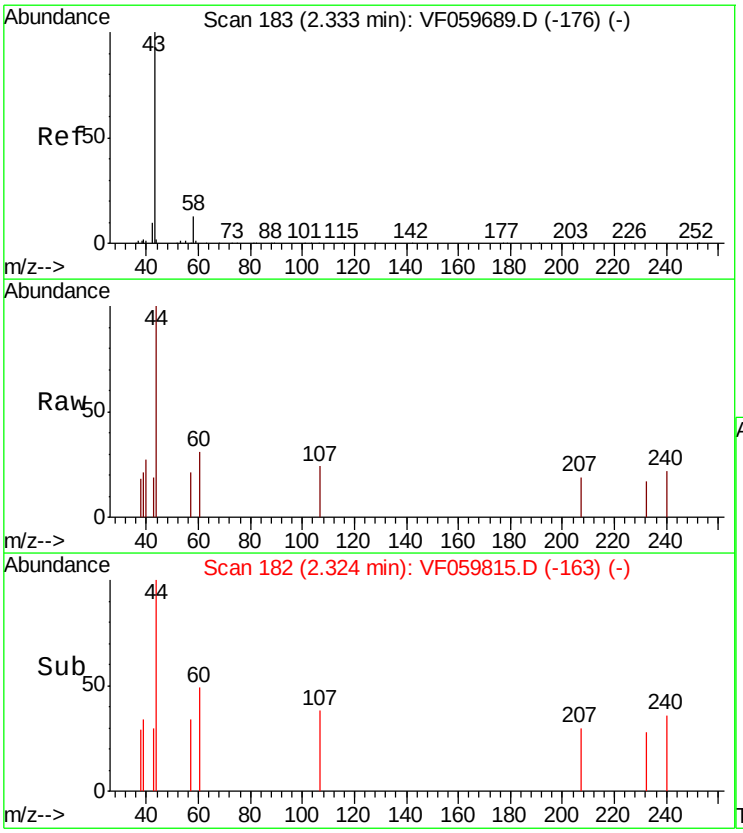
#15
Acrylonitrile
Concen: 131.256 ug/l
RT: 2.98 min Scan# 248
Delta R.T. -0.10 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Tgt Ion: 53 Resp: 80

Ion	Ratio	Lower	Upper
53	100		
52	0.0	80.3	120.5#
51	0.0	49.4	74.0#

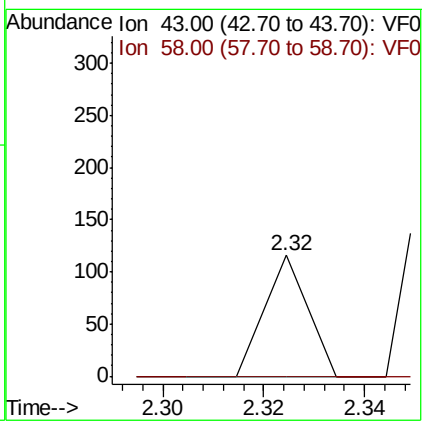


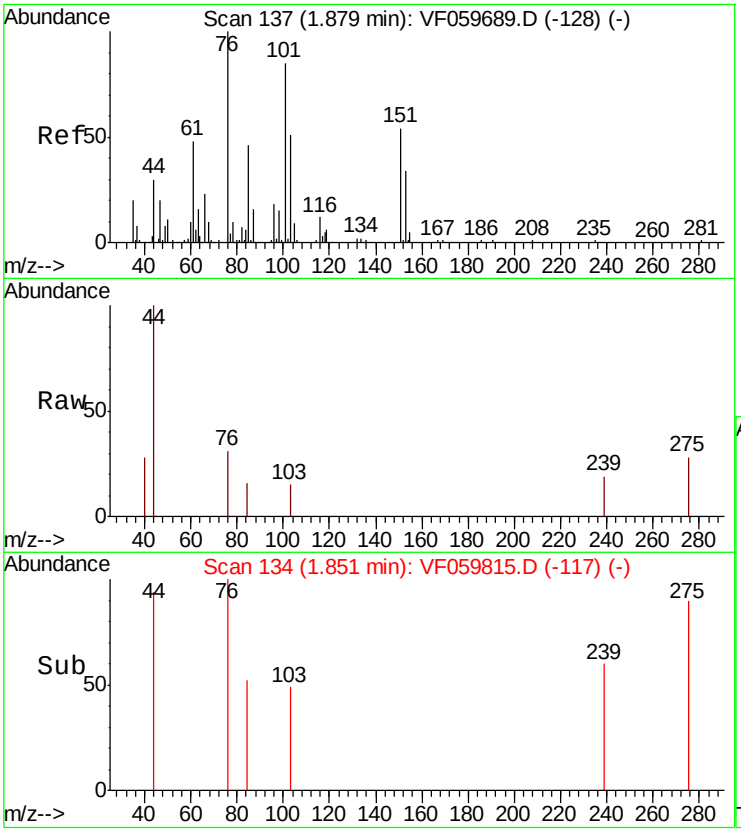


#16
Acetone
Concen: 40.657 ug/l
RT: 2.32 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 43 Resp: 69

Ion	Ratio	Lower	Upper
43	100		
58	0.0	10.1	15.1#



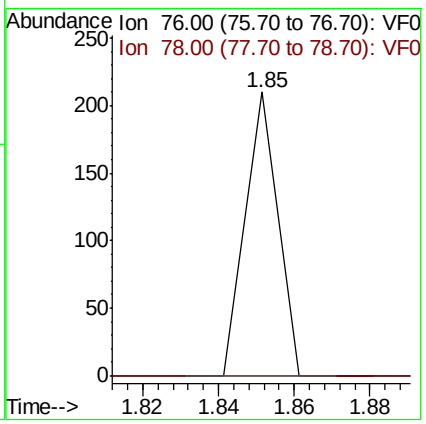


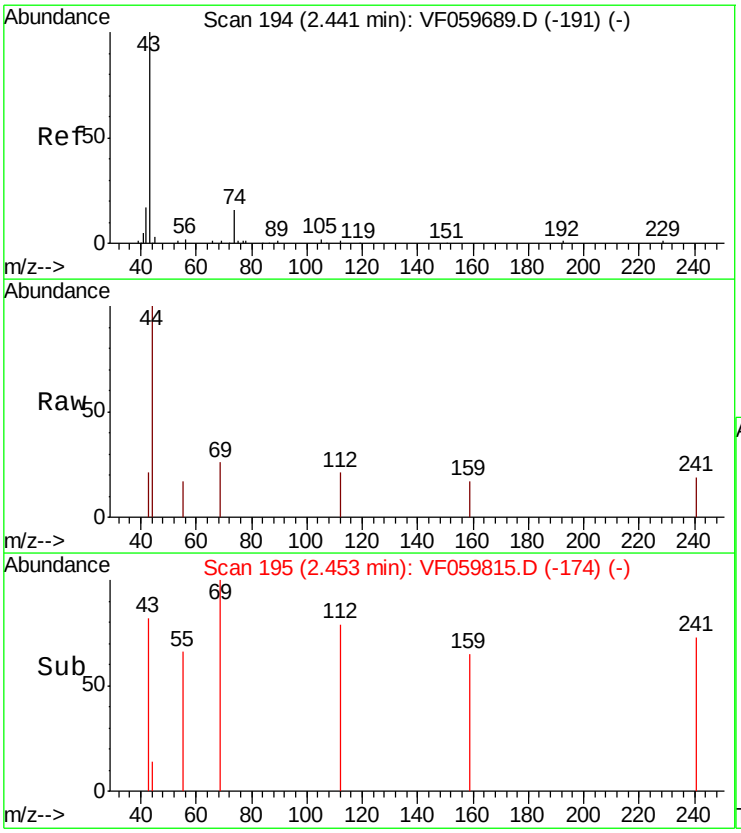
#17
Carbon Disulfide
Concen: 10.552 ug/l
RT: 1.85 min Scan# 134
Delta R.T. -0.03 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument :
MSVOA_F
ClientSampleId :
DUP-072518

Tgt Ion: 76 Resp: 124

Ion	Ratio	Lower	Upper
76	100		
78	0.0	8.9	13.3#

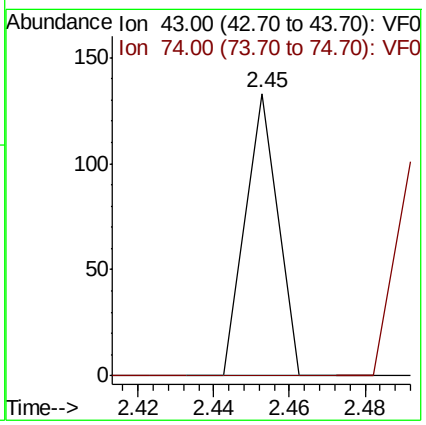


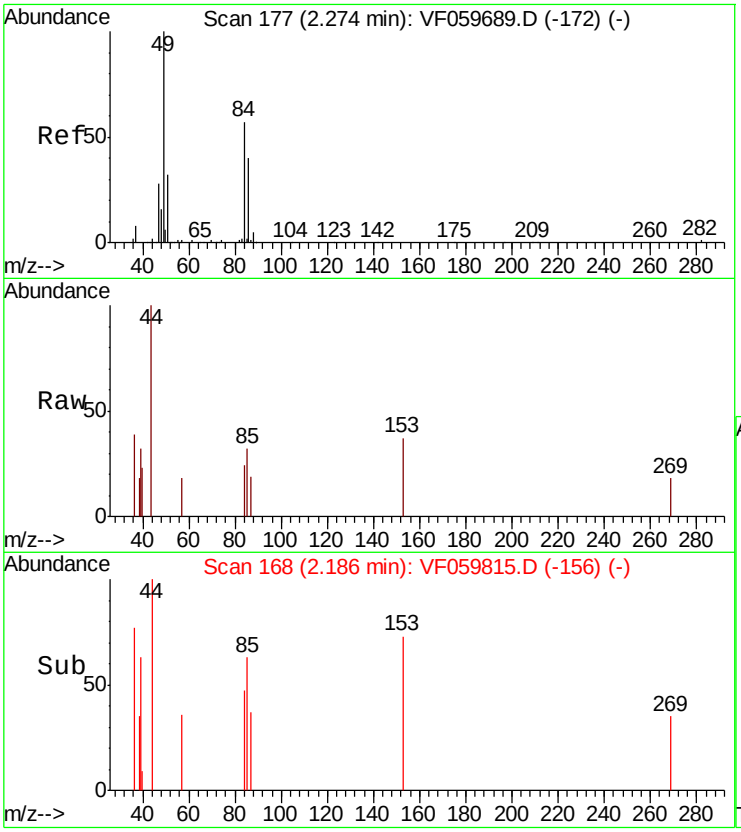


#18
Methyl Acetate
Concen: 27.784 ug/l
RT: 2.45 min Scan# 195
Delta R.T. 0.01 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 43 Resp: 79

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.8	17.6#



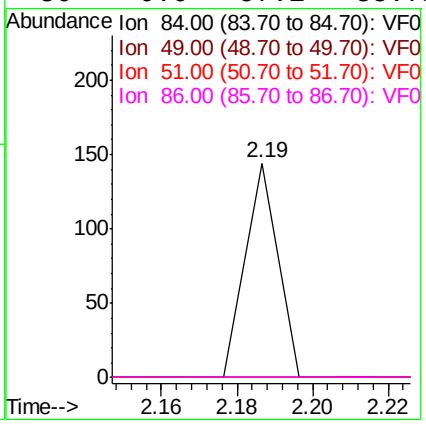


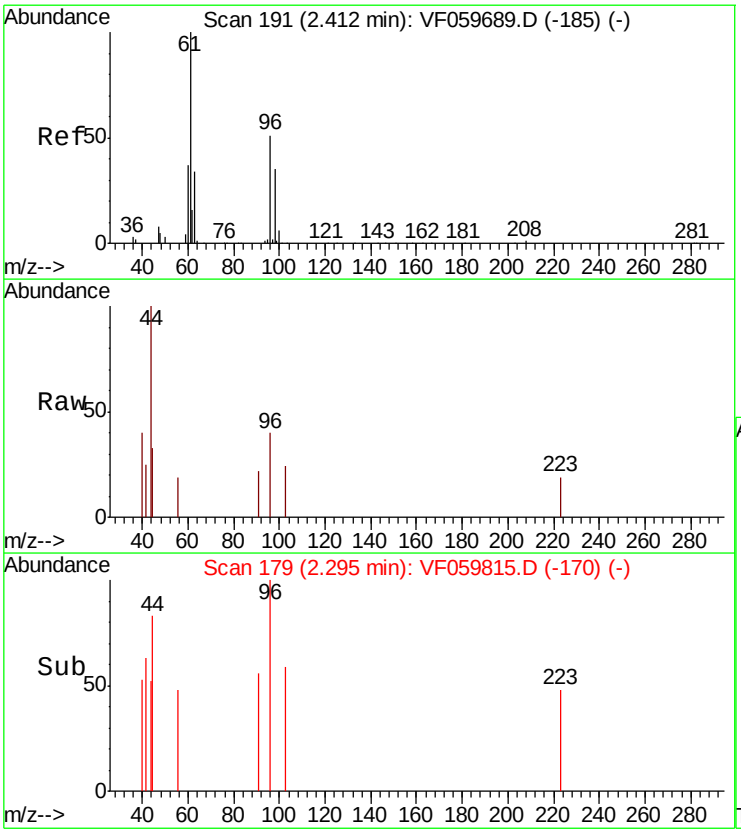
#20
Methylene Chloride
Concen: 18.493 ug/l
RT: 2.19 min Scan# 168
Delta R.T. -0.09 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Tgt Ion: 84 Resp: 85

Ion	Ratio	Lower	Upper
84	100		
49	0.0	142.2	213.4#
51	0.0	46.2	69.2#
86	0.0	57.1	85.7#

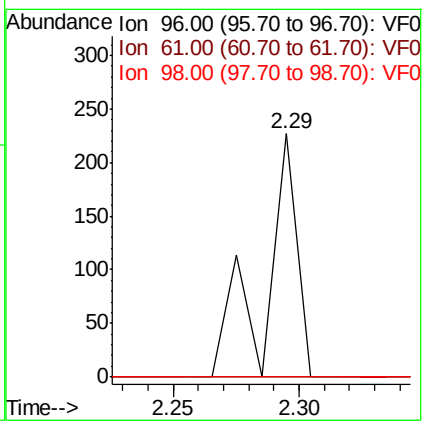


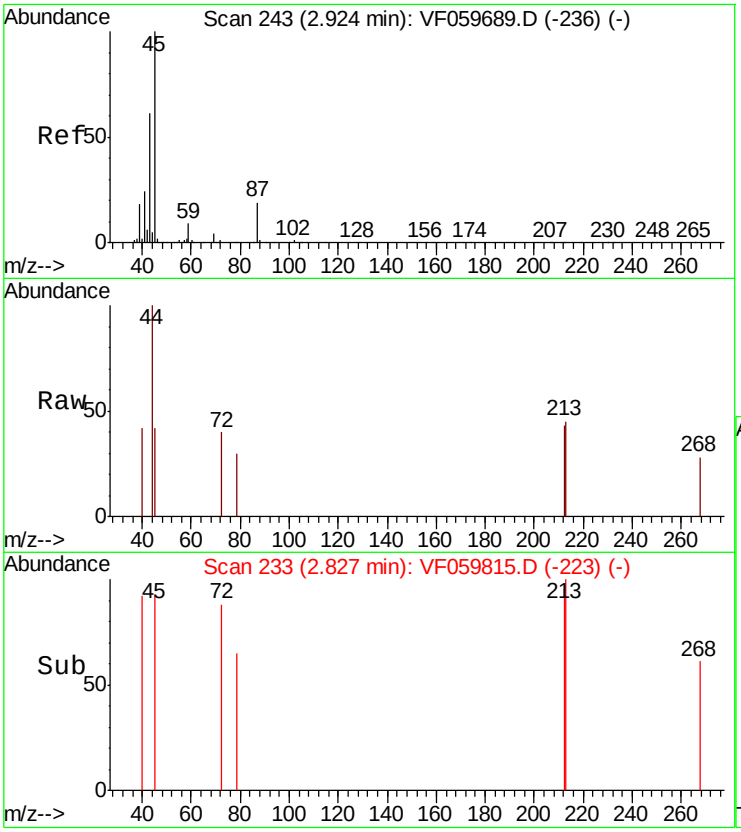


#21
trans-1,2-Dichloroethene
Concen: 57.117 ug/l
RT: 2.29 min Scan# 179
Delta R.T. -0.12 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 96 Resp: 202

Ion	Ratio	Lower	Upper
96	100		
61	0.0	157.4	236.0#
98	0.0	55.0	82.4#



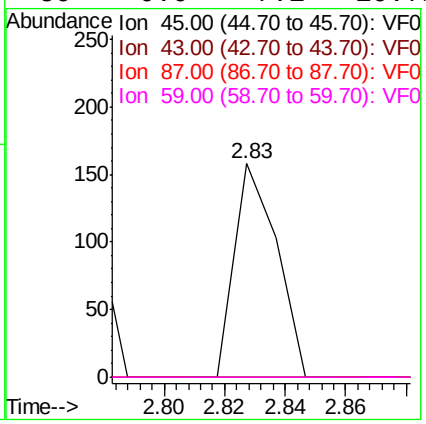


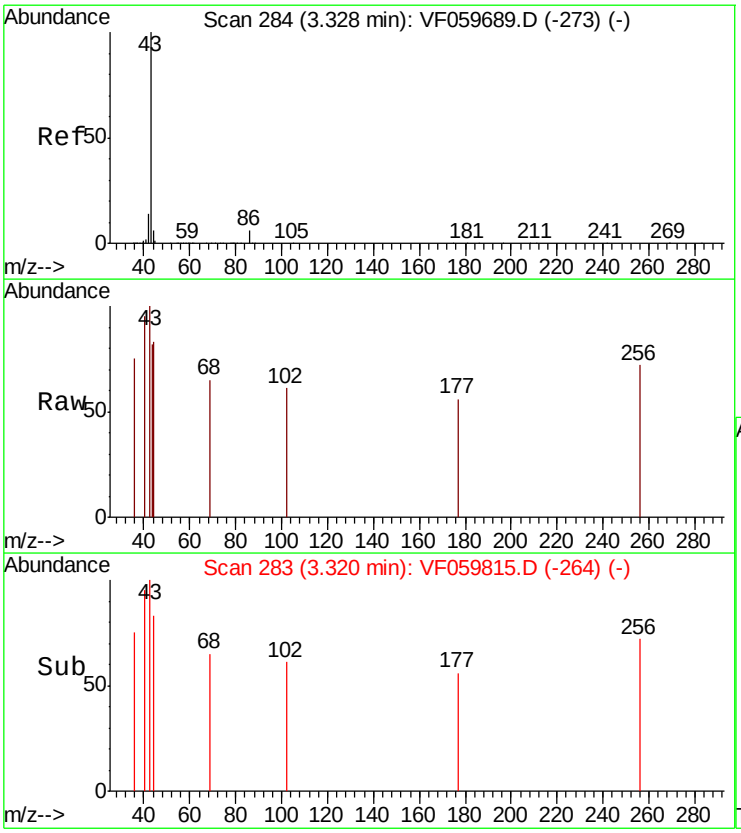
#22
Diisopropyl ether
Concen: 11.219 ug/l
RT: 2.83 min Scan# 233
Delta R.T. -0.10 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Tgt Ion: 45 Resp: 154

Ion	Ratio	Lower	Upper
45	100		
43	0.0	49.3	73.9#
87	0.0	15.3	22.9#
59	0.0	7.1	10.7#

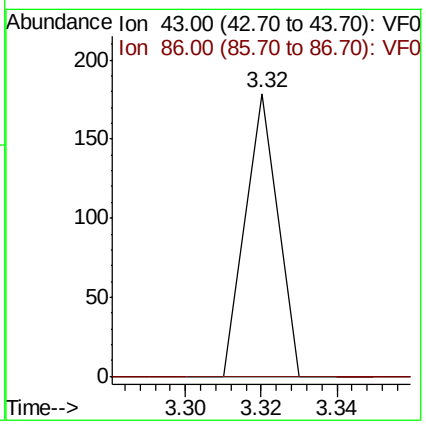


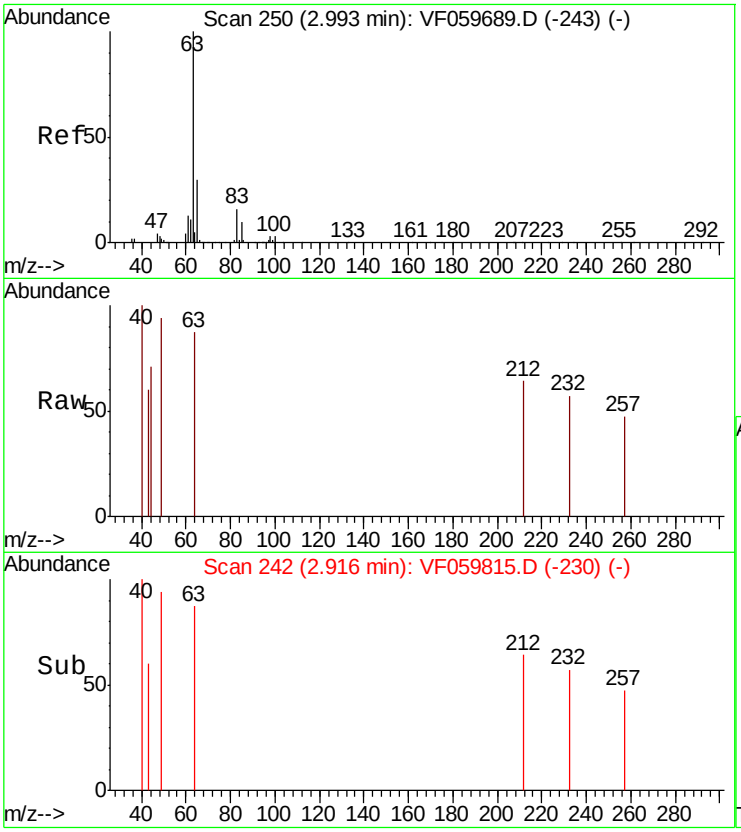


#23
Vinyl Acetate
Concen: 15.019 ug/l
RT: 3.32 min Scan# 283
Delta R.T. -0.01 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 43 Resp: 106

Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.6	6.8#



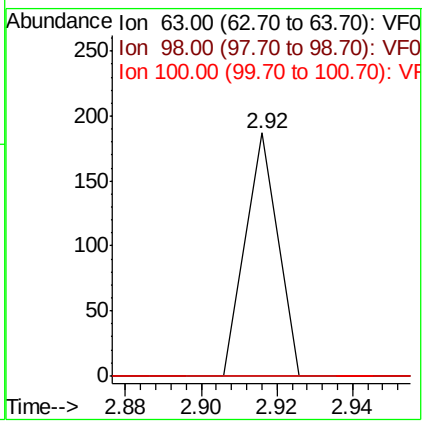


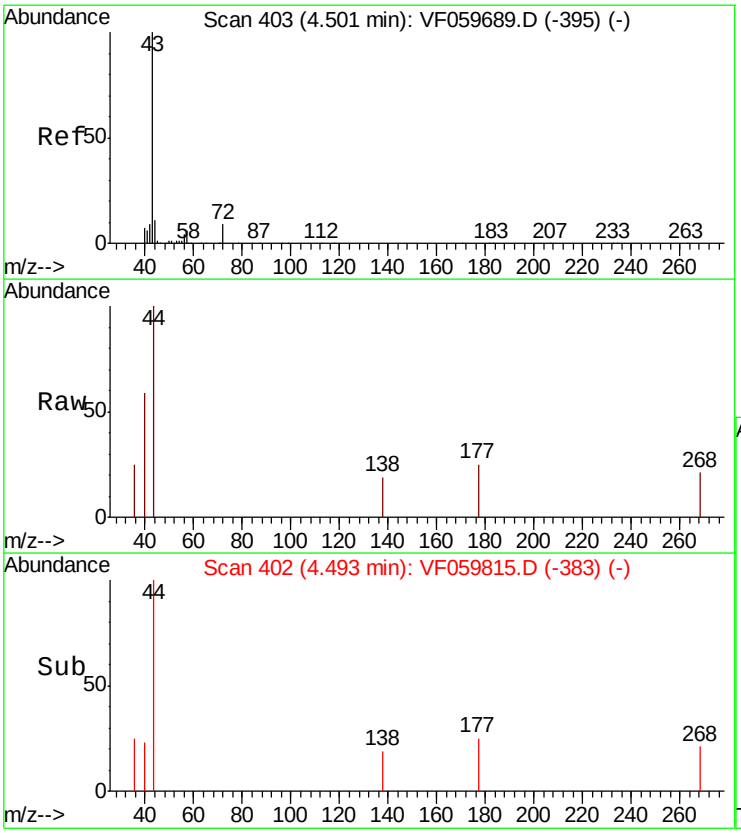
#24
1,1-Dichloroethane
Concen: 11.639 ug/l
RT: 2.92 min Scan# 242
Delta R.T. -0.08 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument :
MSVOA_F
ClientSampleId :
DUP-072518

Tgt Ion: 63 Resp: 111

Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.4	4.2#
100	0.0	1.6	4.7#

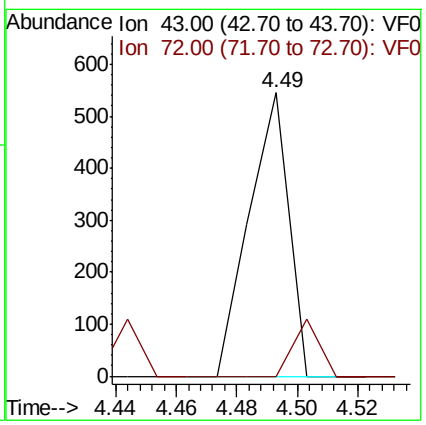


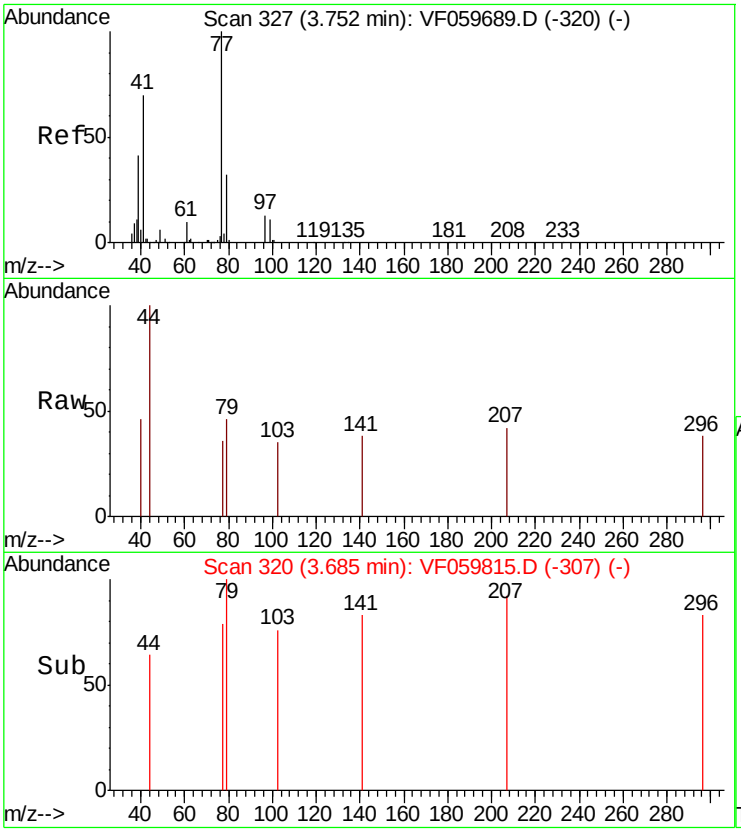


#25
2-Butanone
Concen: 261.351 ug/l
RT: 4.49 min Scan# 402
Delta R.T. -0.01 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 43 Resp: 495

Ion	Ratio	Lower	Upper
43	100		
72	0.0	7.7	11.5#



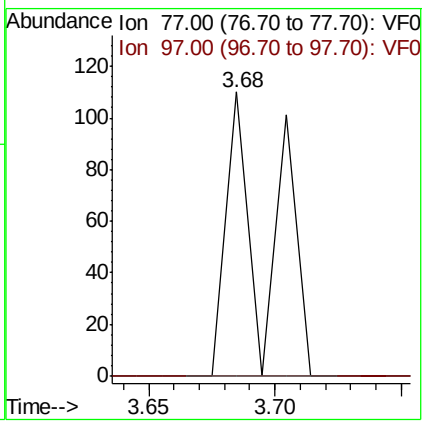


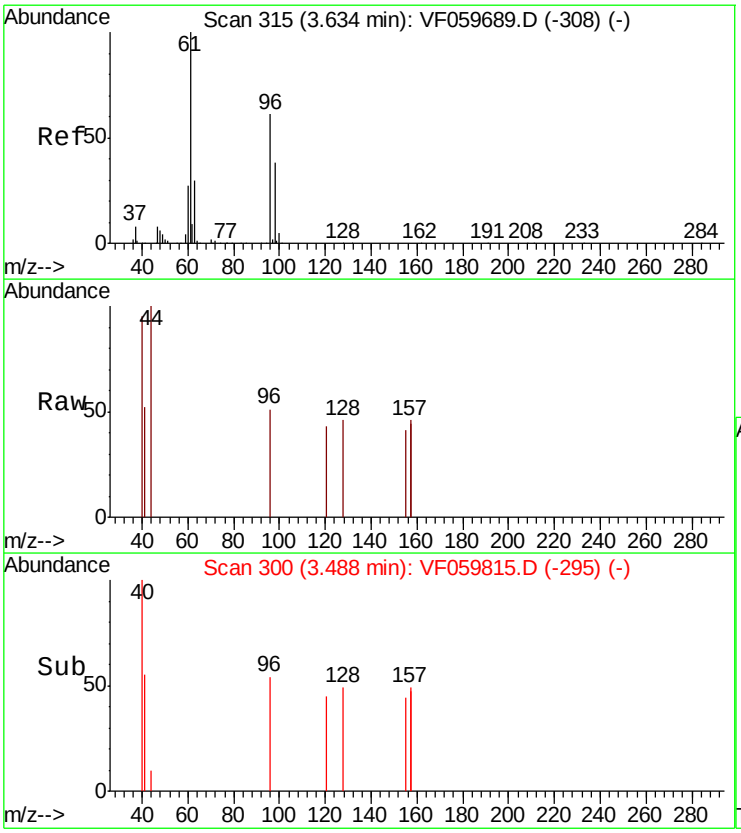
#26
2,2-Dichloropropane
Concen: 18.386 ug/l
RT: 3.68 min Scan# 320
Delta R.T. -0.07 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Tgt Ion: 77 Resp: 125

Ion	Ratio	Lower	Upper
77	100		
97	0.0	6.8	20.4#

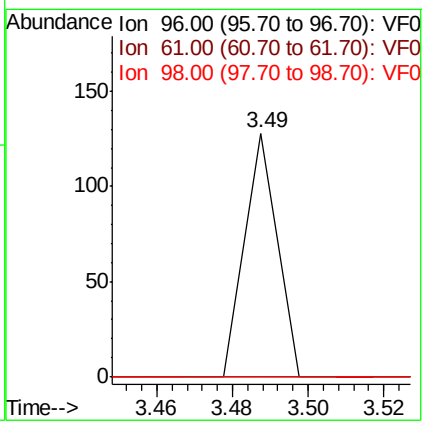


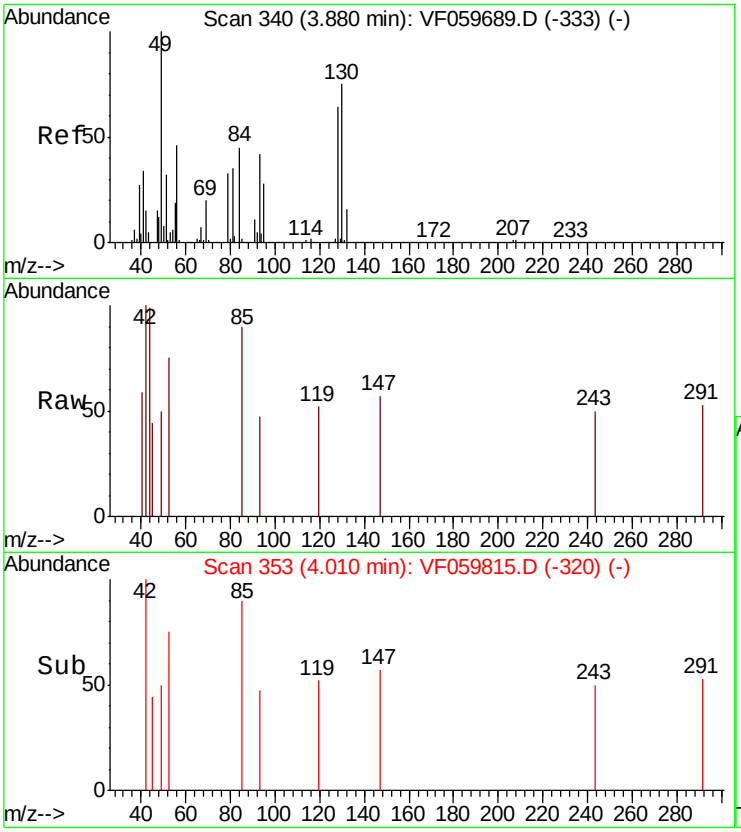


#27
cis-1,2-Dichloroethene
Concen: 14.881 ug/l
RT: 3.49 min Scan# 300
Delta R.T. -0.15 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 96 Resp: 76

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	326.8
98	0.0	0.0	125.2



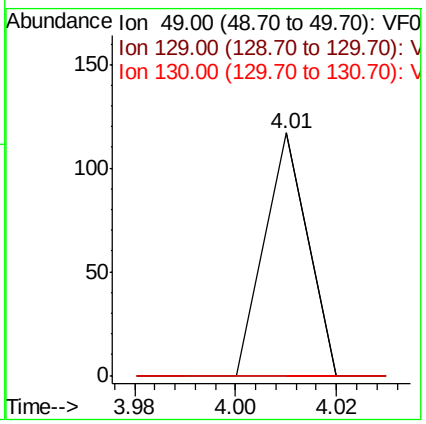


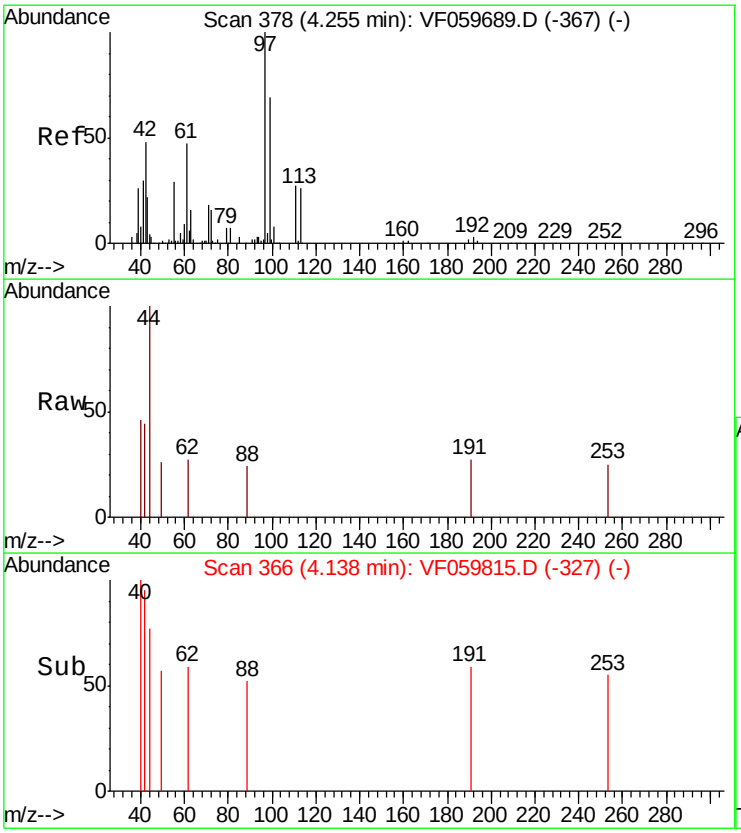
#28
Bromochloromethane
Concen: 17.828 ug/l
RT: 4.01 min Scan# 353
Delta R.T. 0.13 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Tgt Ion: 49 Resp: 69

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	0.0	59.6	89.4#

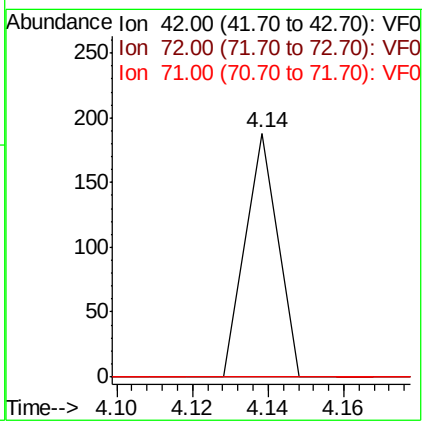


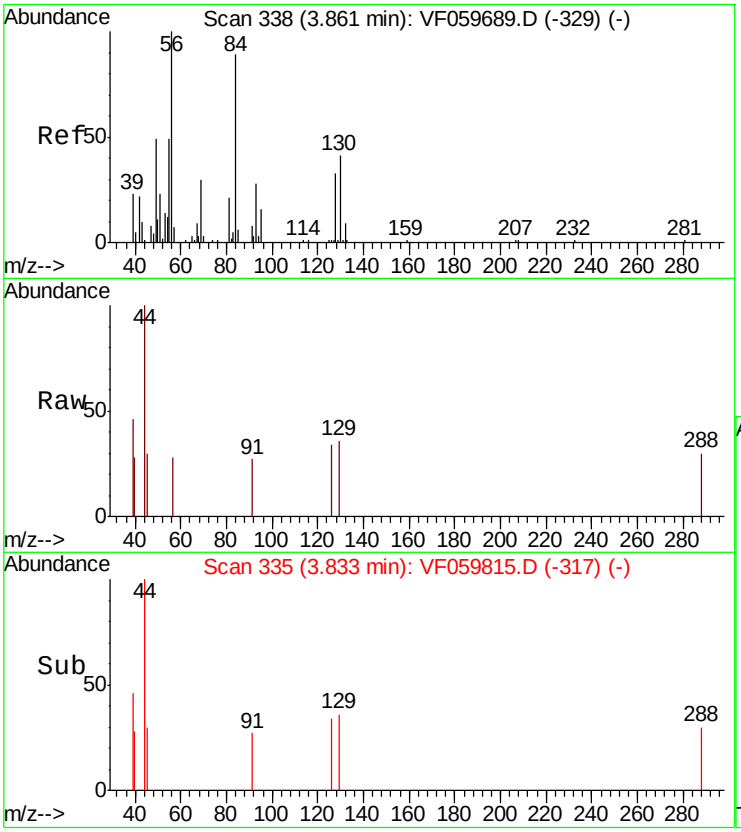


#29
Tetrahydrofuran
Concen: 152.484 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.12 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 42 Resp: 111

Ion	Ratio	Lower	Upper
42	100		
72	0.0	27.0	40.6#
71	0.0	29.7	44.5#



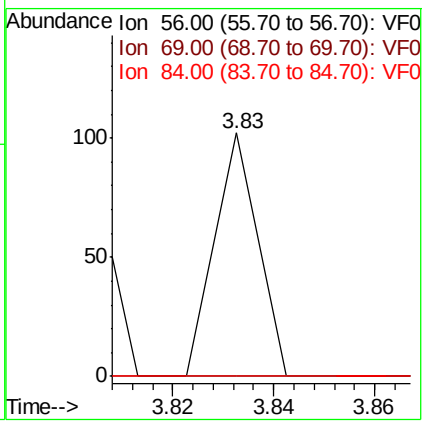


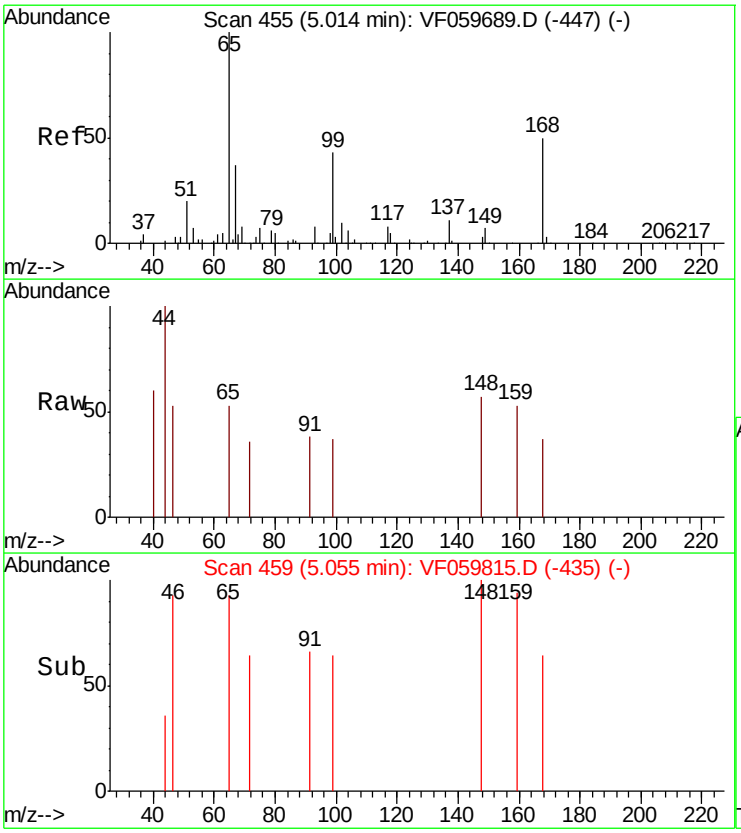
#31
Cyclohexane
Concen: 9.654 ug/l
RT: 3.83 min Scan# 335
Delta R.T. -0.03 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Tgt Ion: 56 Resp: 60

Ion	Ratio	Lower	Upper
56	100		
69	0.0	23.7	35.5#
84	0.0	71.1	106.7#

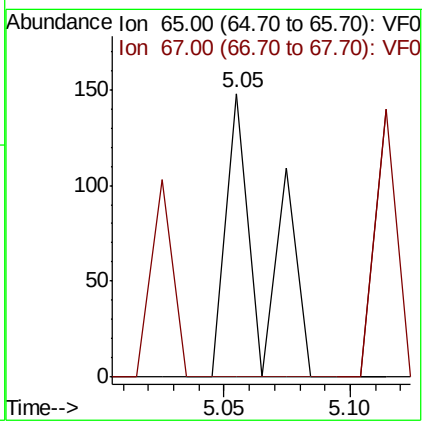


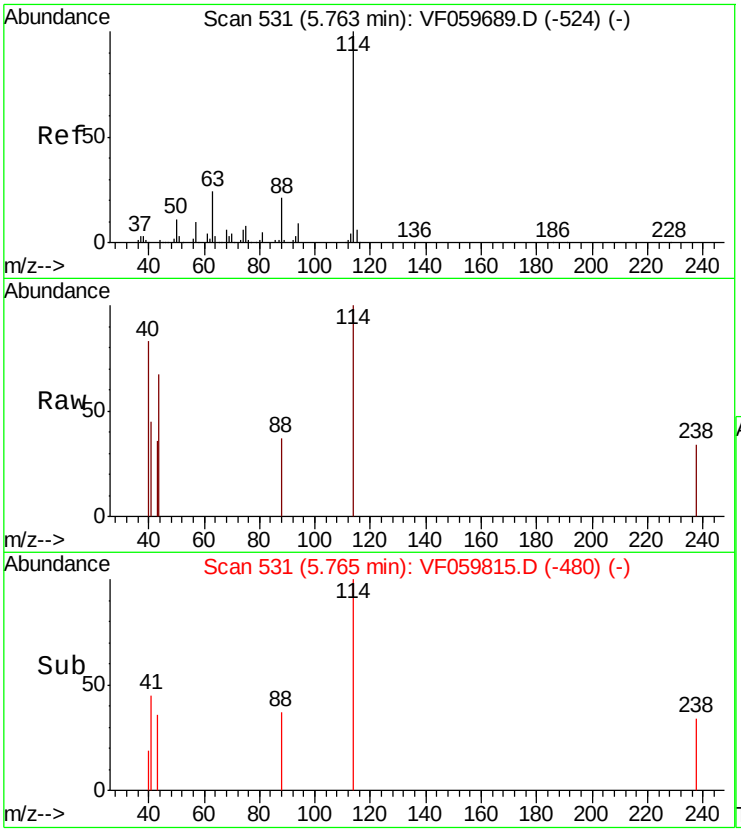


#33
1,2-Dichloroethane-d4
Concen: 16.110 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.04 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 65 Resp: 152

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	84.6



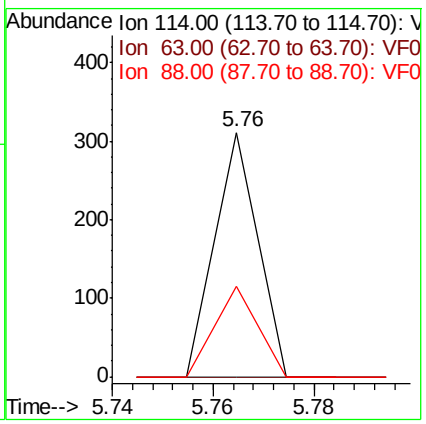


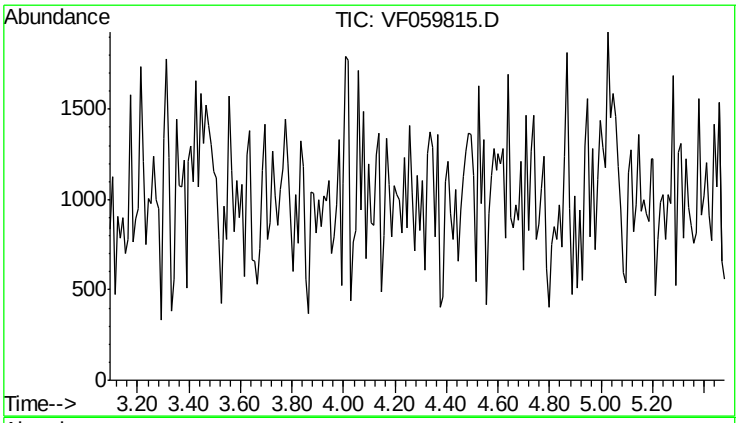
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 531
Delta R.T. 0.00 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument :
MSVOA_F
ClientSampleId :
DUP-072518

Tgt Ion:114 Resp: 184

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	47.4
88	37.0	0.0	41.2



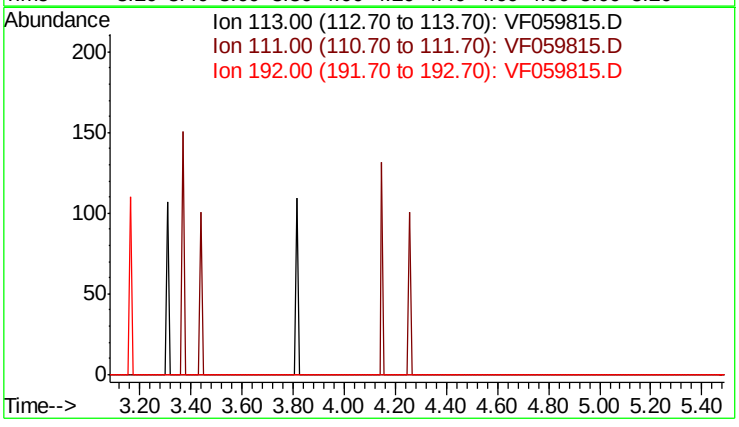


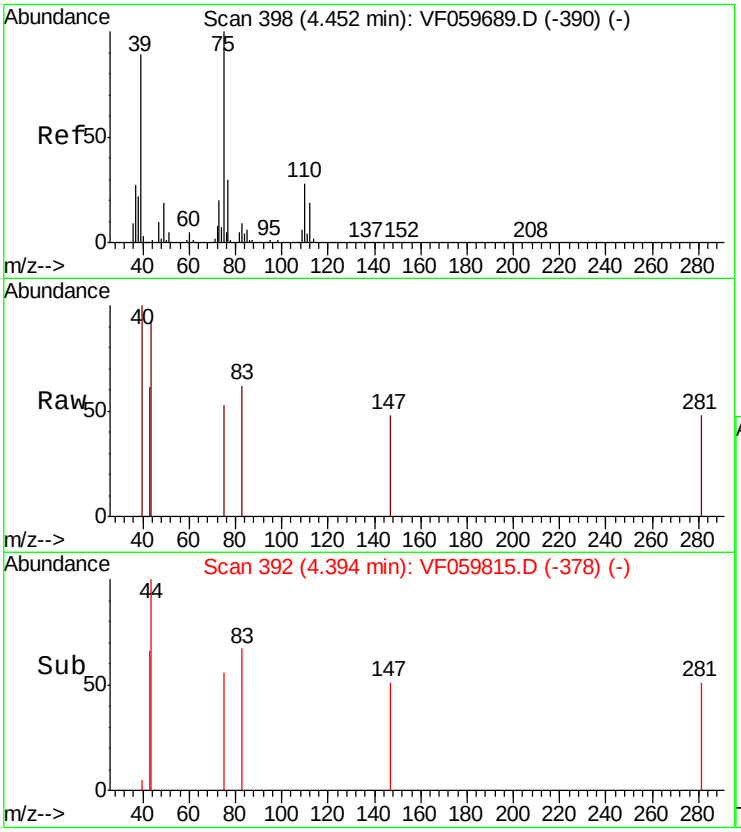
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 4.28 min

Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	98.7
192	16.5



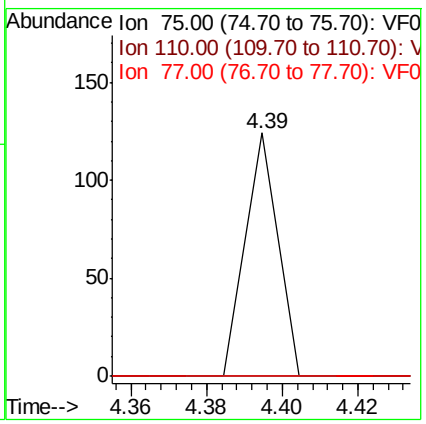


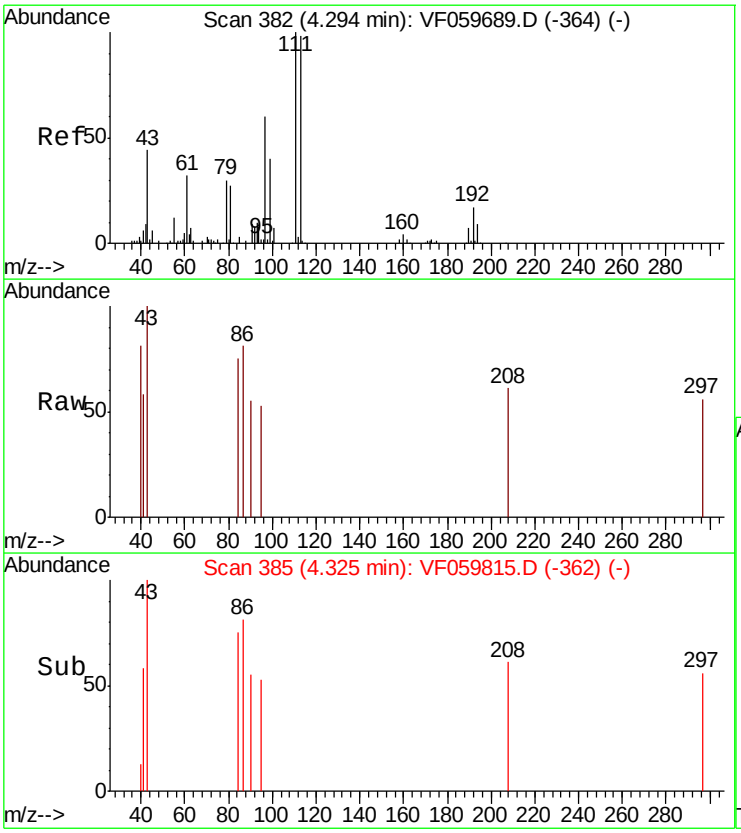
#36
1,1-Dichloropropene
Concen: 38.262 ug/l
RT: 4.39 min Scan# 392
Delta R.T. -0.06 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Tgt Ion: 75 Resp: 73

Ion	Ratio	Lower	Upper
75	100		
110	0.0	14.0	41.9#
77	0.0	24.2	36.2#

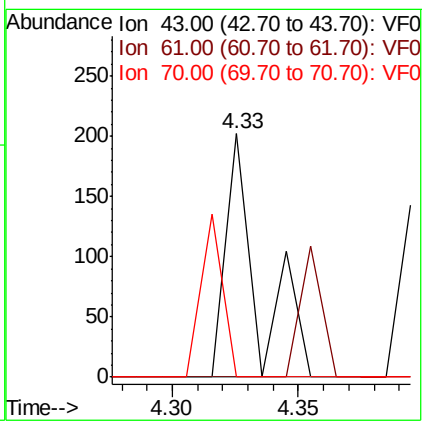


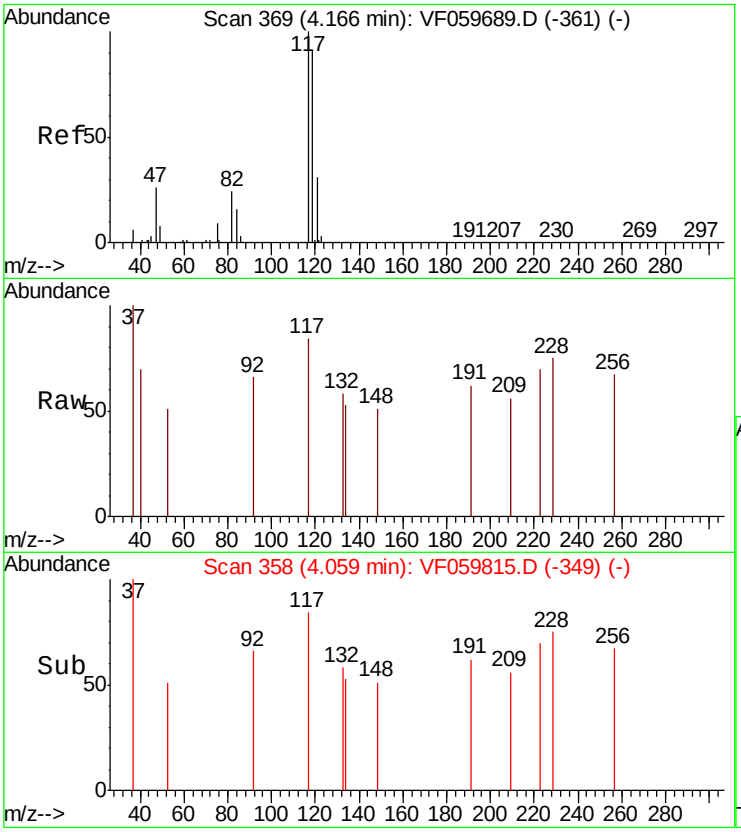


#37
Ethyl Acetate
Concen: 213.354 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.03 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 43 Resp: 182

Ion	Ratio	Lower	Upper
43	100		
61	0.0	58.2	87.2#
70	0.0	6.0	9.0#



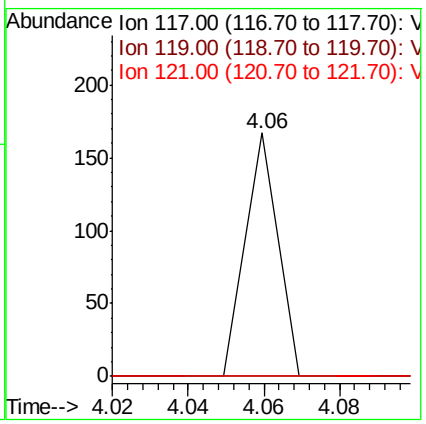


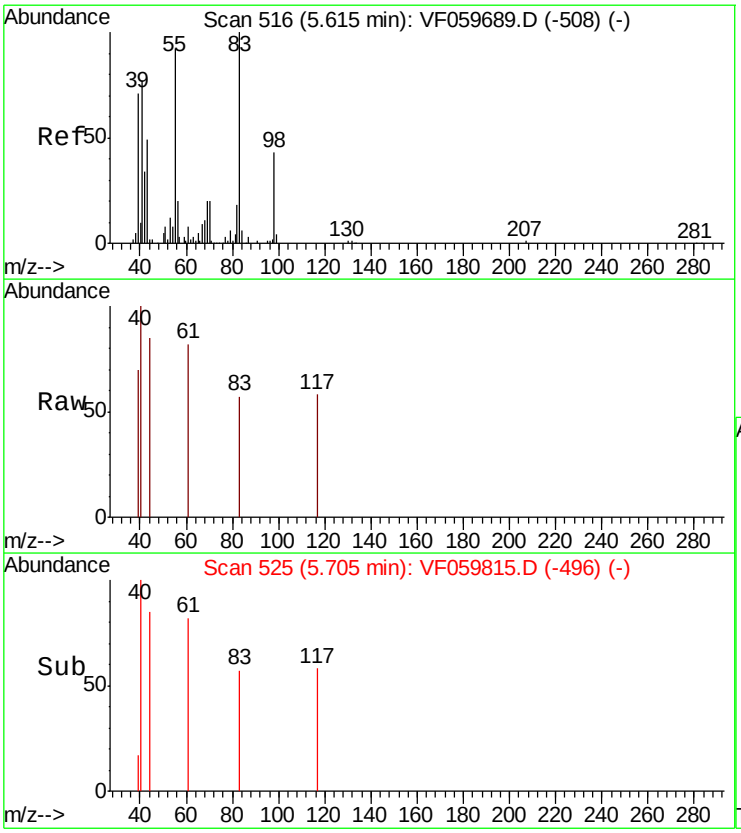
#38
Carbon Tetrachloride
Concen: 33.841 ug/l
RT: 4.06 min Scan# 358
Delta R.T. -0.11 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument :
MSVOA_F
ClientSampleId :
DUP-072518

Tgt Ion:117 Resp: 99

Ion	Ratio	Lower	Upper
117	100		
119	0.0	72.9	109.3#
121	0.0	25.0	37.4#

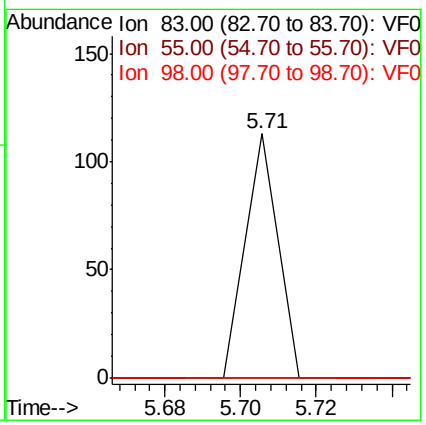


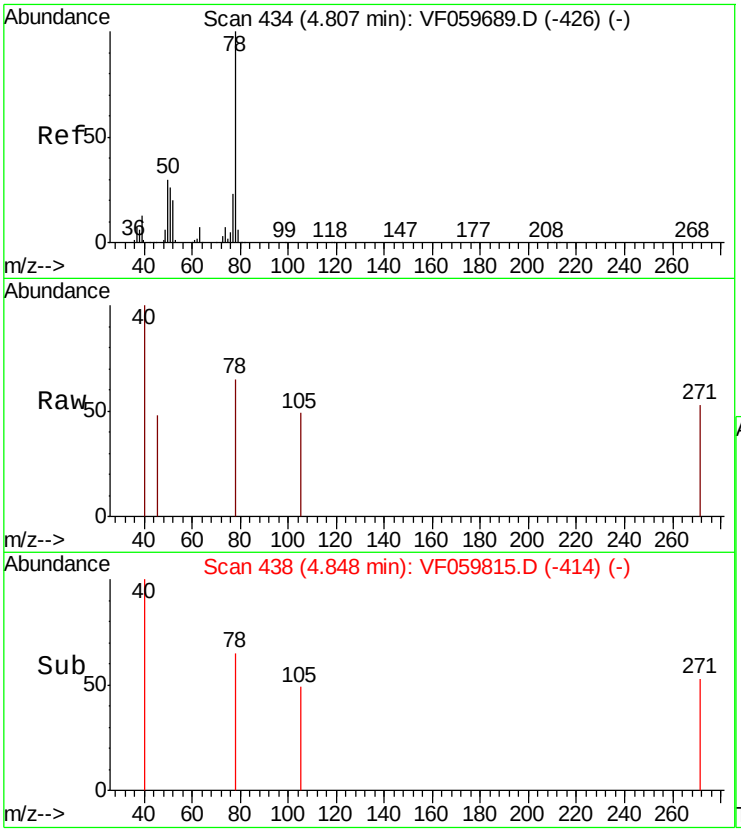


#39
Methylcyclohexane
Concen: 46.906 ug/l
RT: 5.71 min Scan# 525
Delta R.T. 0.09 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 83 Resp: 67

Ion	Ratio	Lower	Upper
83	100		
55	0.0	73.4	110.2#
98	0.0	34.2	51.4#



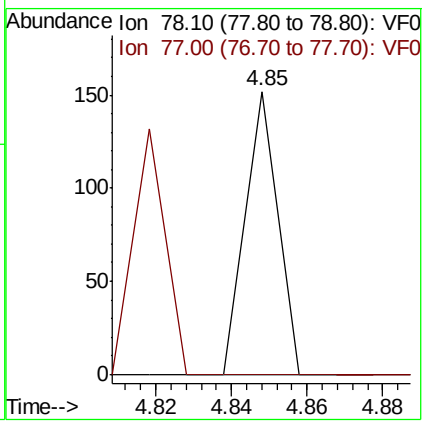


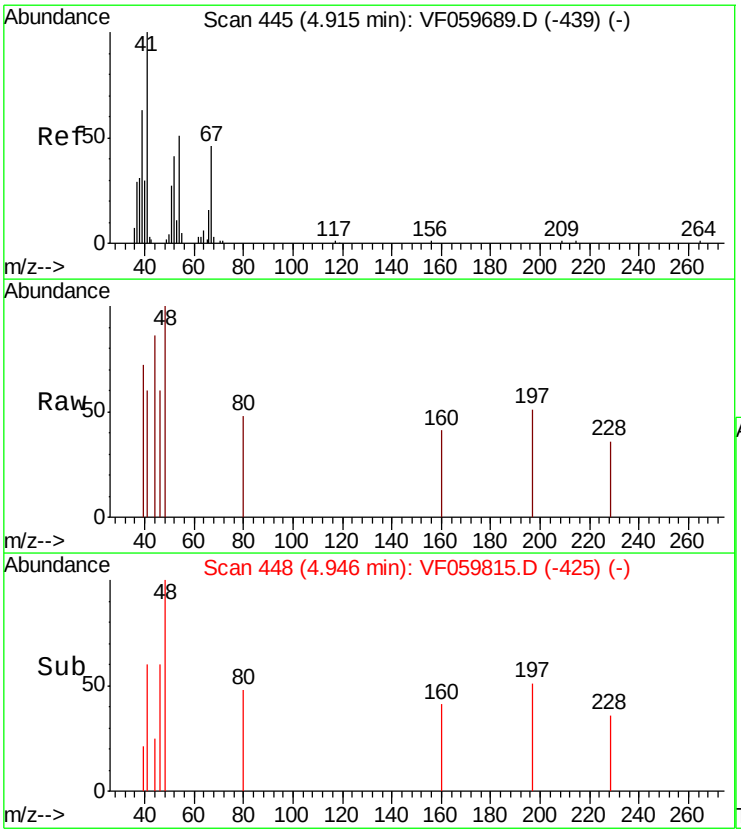
#40
Benzene
Concen: 24.221 ug/l
RT: 4.85 min Scan# 438
Delta R.T. 0.04 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument :
MSVOA_F
ClientSampleId :
DUP-072518

Tgt Ion: 78 Resp: 90

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.9	28.3#

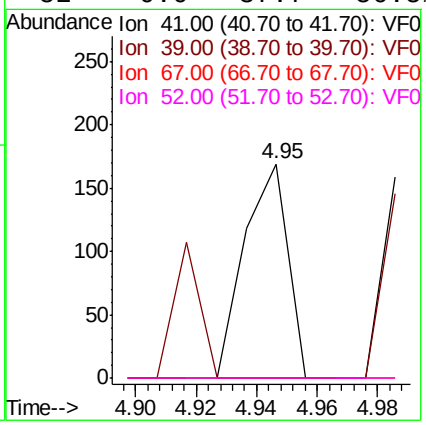


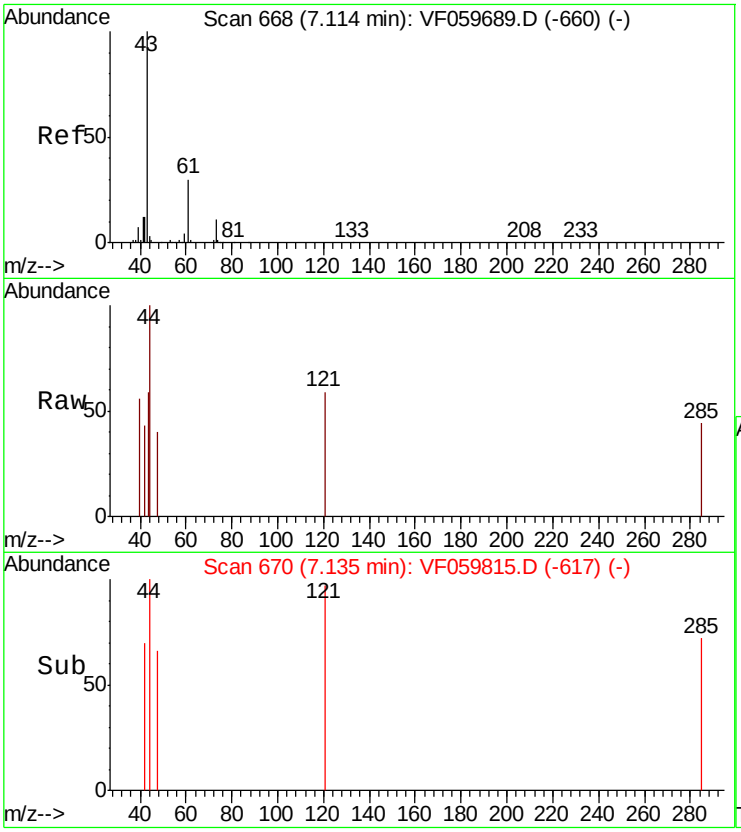


#41
Methacrylonitrile
Concen: 385.881 ug/l
RT: 4.95 min Scan# 448
Delta R.T. 0.03 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 41 Resp: 170

Ion	Ratio	Lower	Upper
41	100		
39	120.1	55.2	82.8#
67	0.0	36.2	54.2#
52	0.0	37.7	56.5#



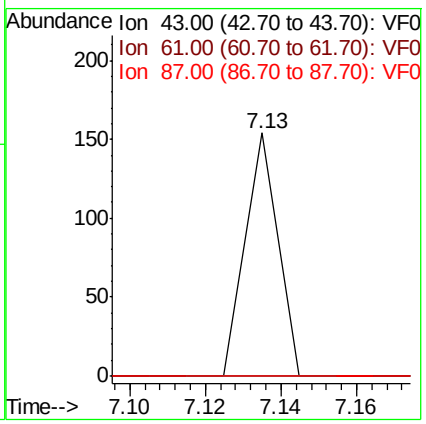


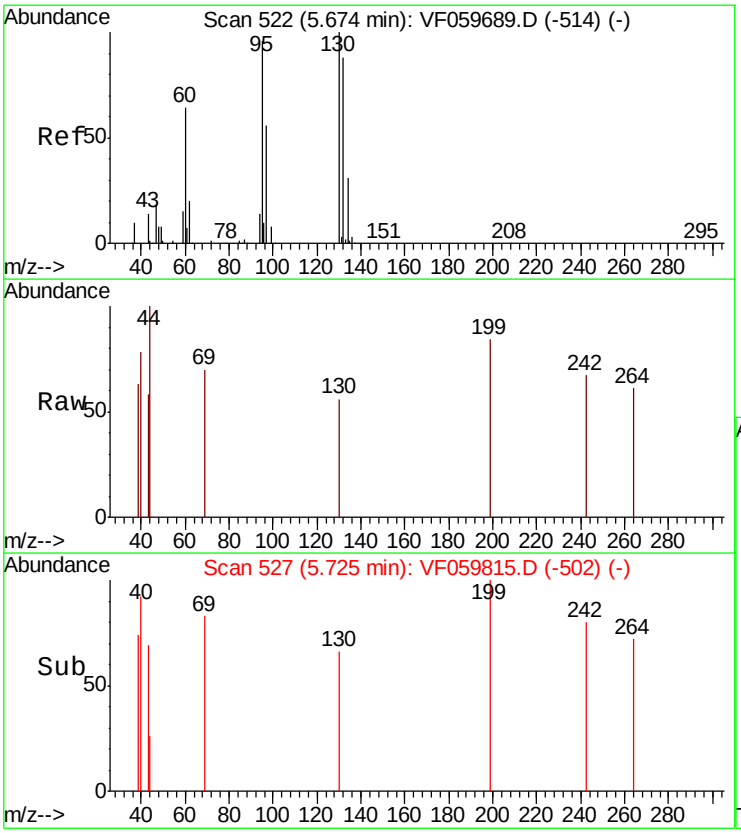
#43
Isopropyl Acetate
Concen: 82.710 ug/l
RT: 7.13 min Scan# 670
Delta R.T. 0.02 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument :
MSVOA_F
ClientSampleId :
DUP-072518

Tgt Ion: 43 Resp: 91

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.8	35.8#
87	0.0	0.6	1.0#

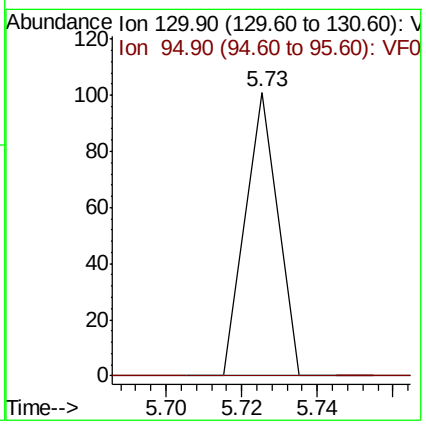


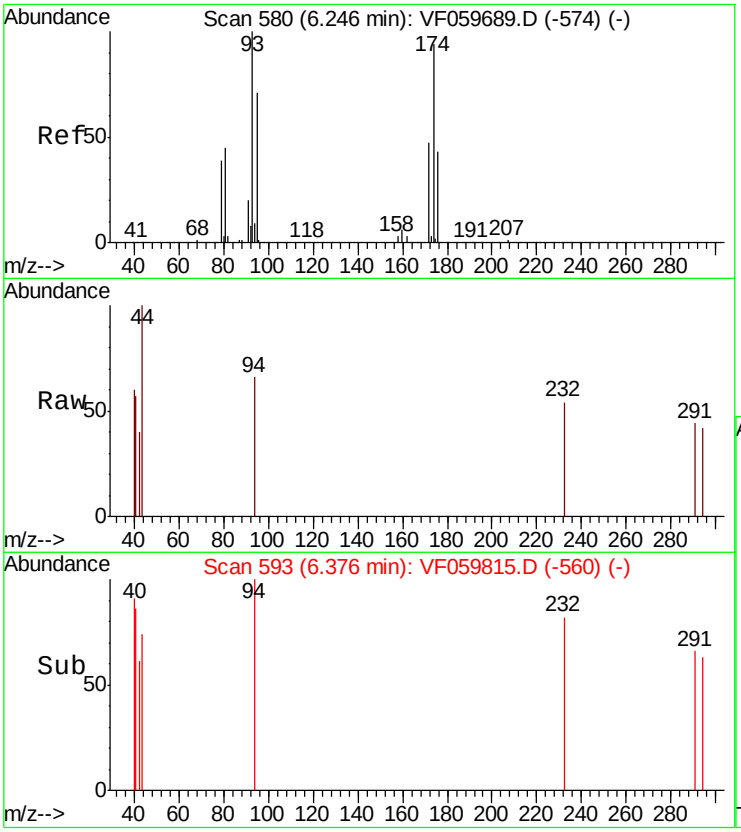


#44
Trichloroethene
Concen: 47.924 ug/l
RT: 5.73 min Scan# 527
Delta R.T. 0.05 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion:130 Resp: 60

Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	191.0



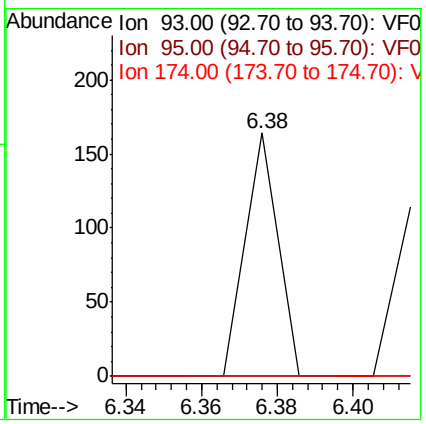


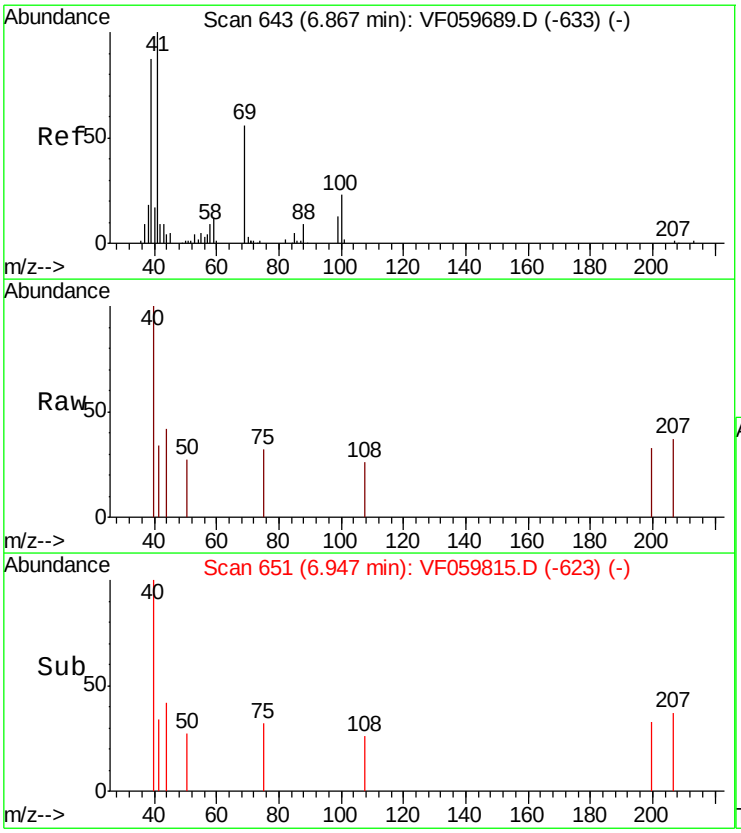
#46
Dibromomethane
Concen: 104.116 ug/l
RT: 6.38 min Scan# 593
Delta R.T. 0.13 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Tgt Ion: 93 Resp: 97

Ion	Ratio	Lower	Upper
93	100		
95	0.0	57.1	85.7#
174	0.0	74.8	112.2#

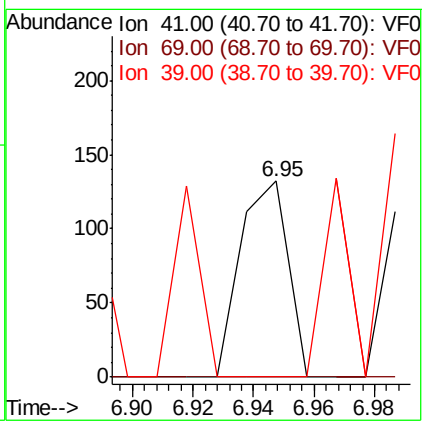


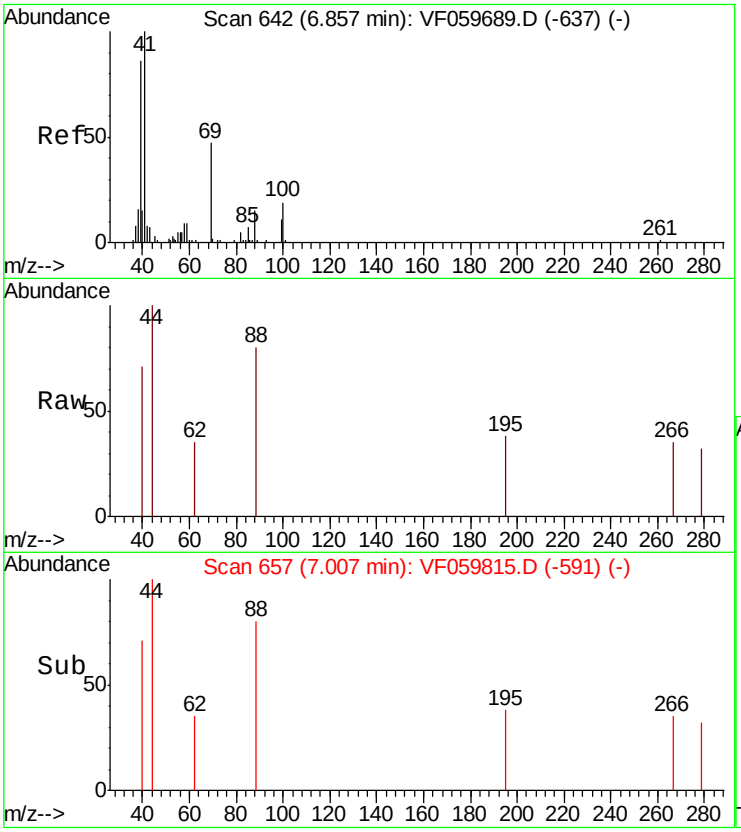


#48
Methyl methacrylate
Concen: 174.004 ug/l
RT: 6.95 min Scan# 651
Delta R.T. 0.08 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 41 Resp: 144

Ion	Ratio	Lower	Upper
41	100		
69	0.0	44.4	66.6#
39	290.2	69.4	104.2#



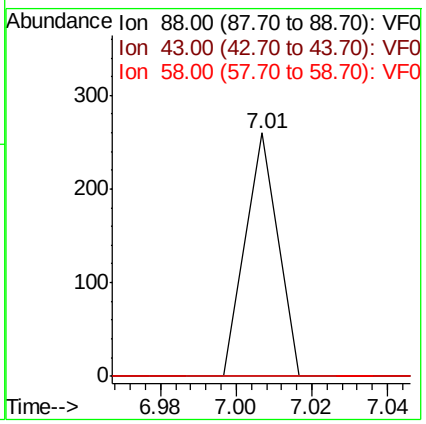


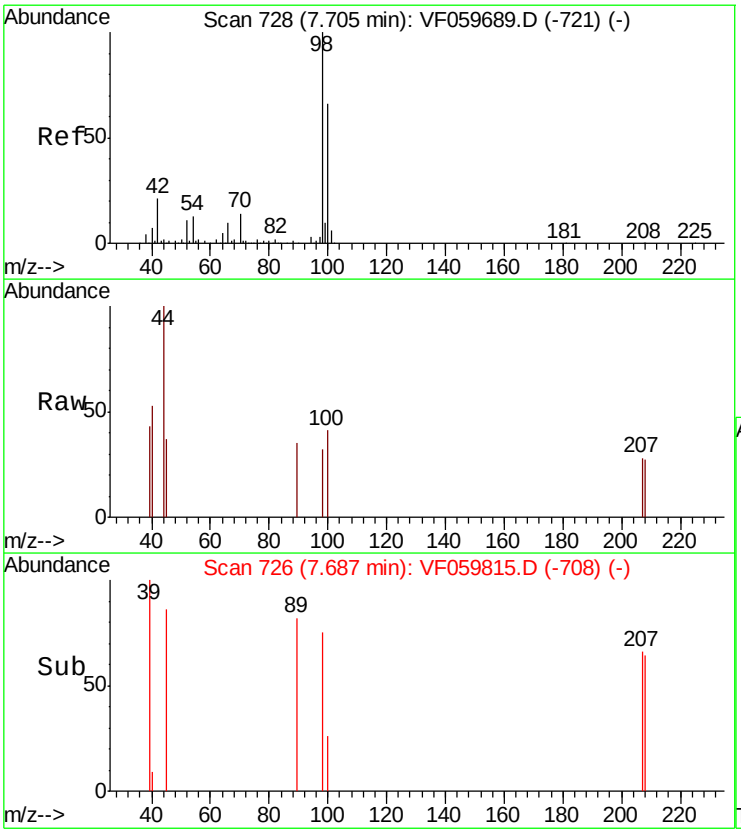
#49
1,4-Dioxane
Concen: 11659.424 ug/l
RT: 7.01 min Scan# 657
Delta R.T. 0.15 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Tgt Ion: 88 Resp: 154

Ion	Ratio	Lower	Upper
88	100		
43	0.0	45.2	67.8#
58	0.0	49.0	73.6#

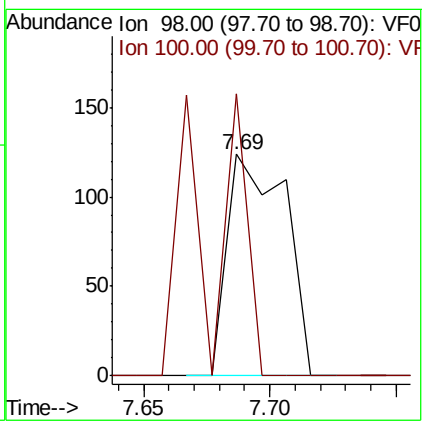


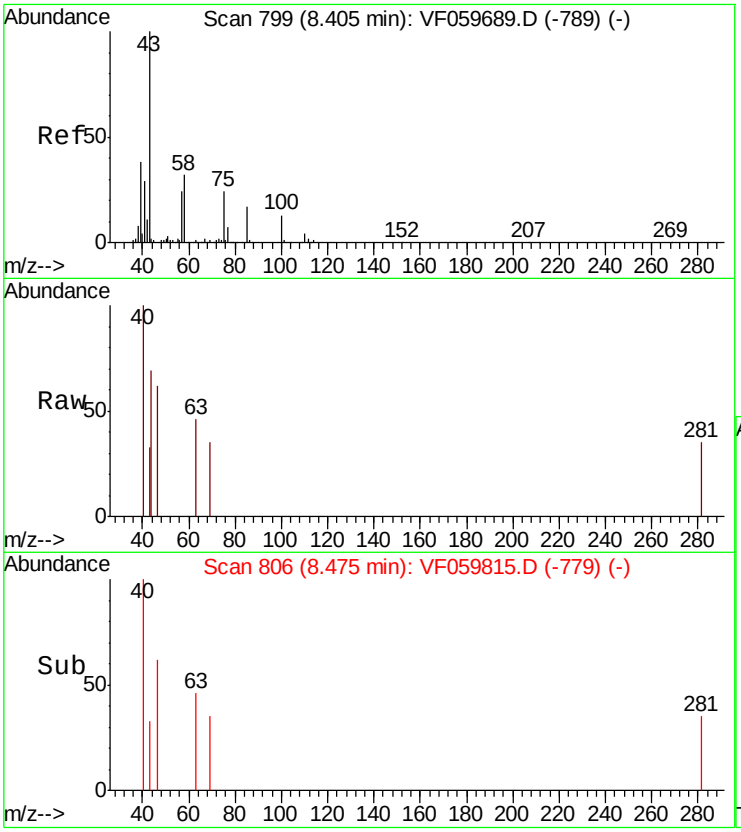


#50
Toluene-d8
Concen: 44.428 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.02 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 98 Resp: 198

Ion	Ratio	Lower	Upper
98	100		
100	127.4	52.8	79.2#



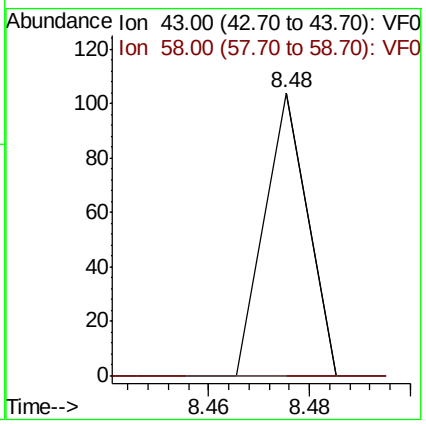


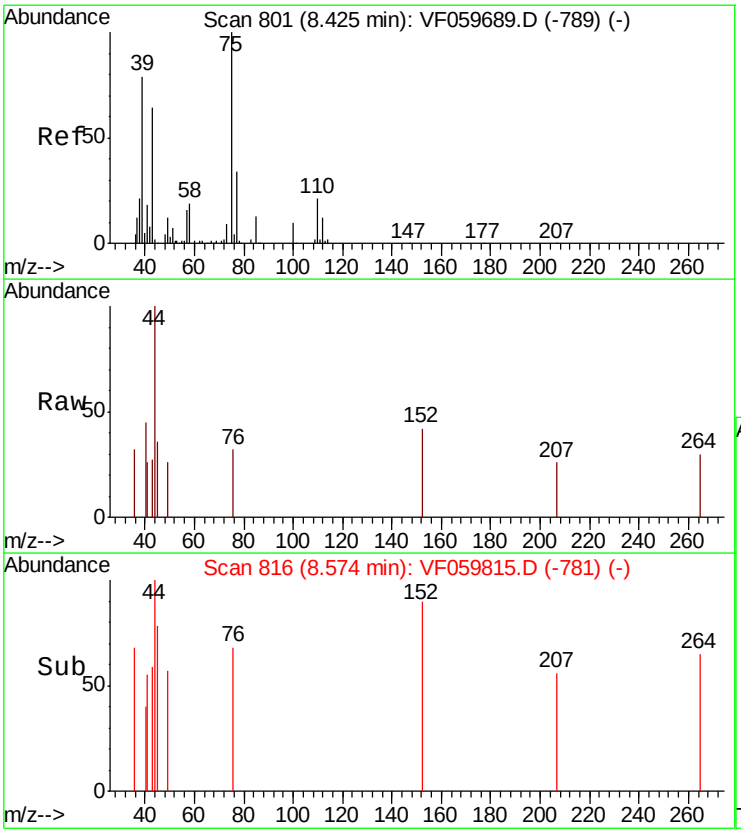
#51
4-Methyl-2-Pentanone
Concen: 72.884 ug/l
RT: 8.48 min Scan# 806
Delta R.T. 0.07 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Tgt Ion: 43 Resp: 61

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.9	38.9#

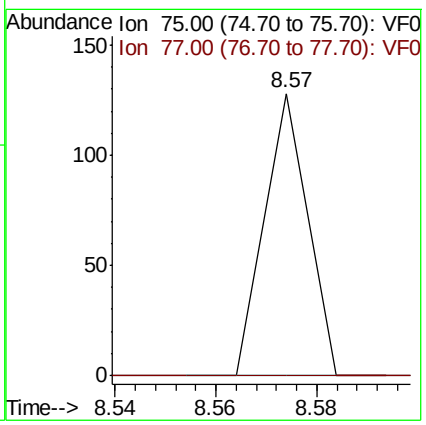


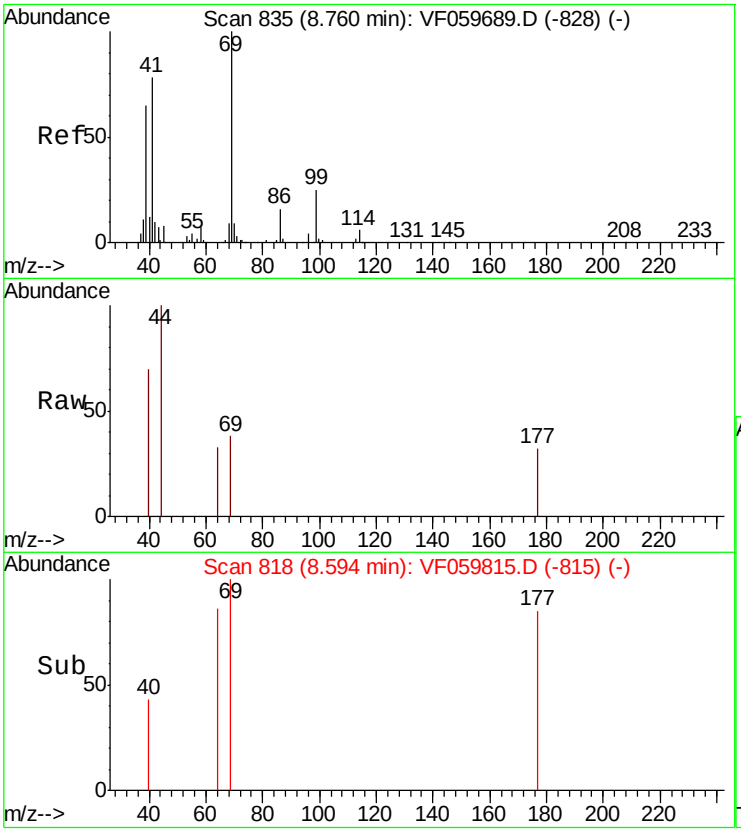


#53
t-1,3-Dichloropropene
Concen: 34.523 ug/l
RT: 8.57 min Scan# 816
Delta R.T. 0.15 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 75 Resp: 76

Ion	Ratio	Lower	Upper
75	100		
77	0.0	27.0	40.4#



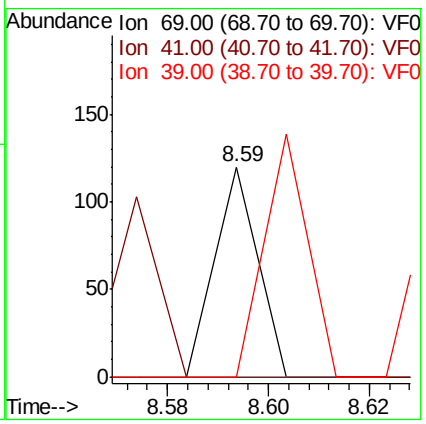


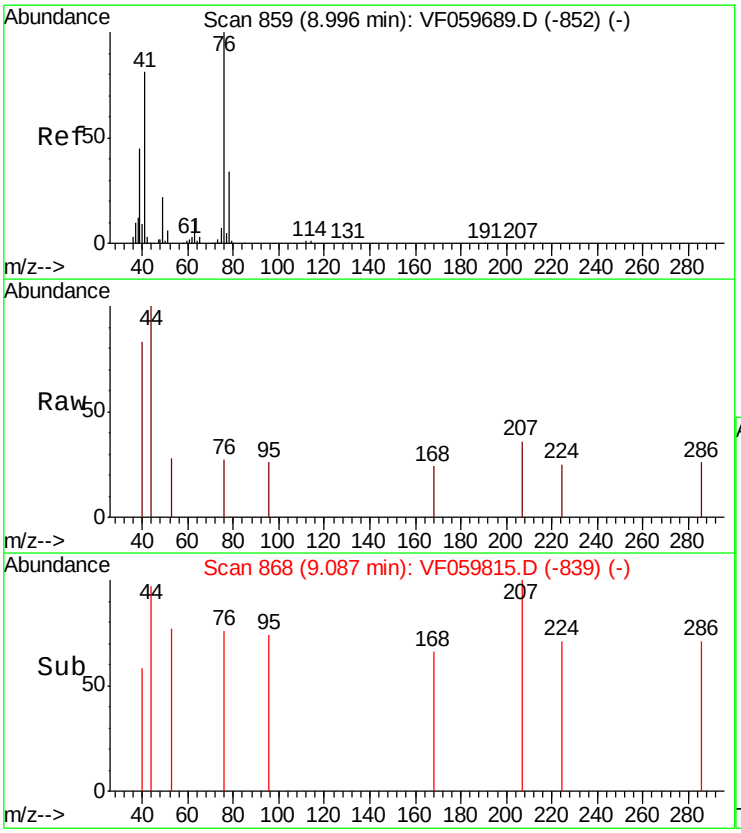
#56
Ethyl methacrylate
Concen: 67.650 ug/l
RT: 8.59 min Scan# 818
Delta R.T. -0.17 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Tgt Ion: 69 Resp: 71

Ion	Ratio	Lower	Upper
69	100		
41	0.0	62.3	93.5#
39	0.0	52.4	78.6#

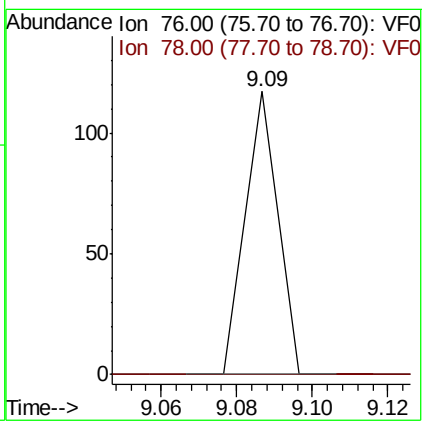


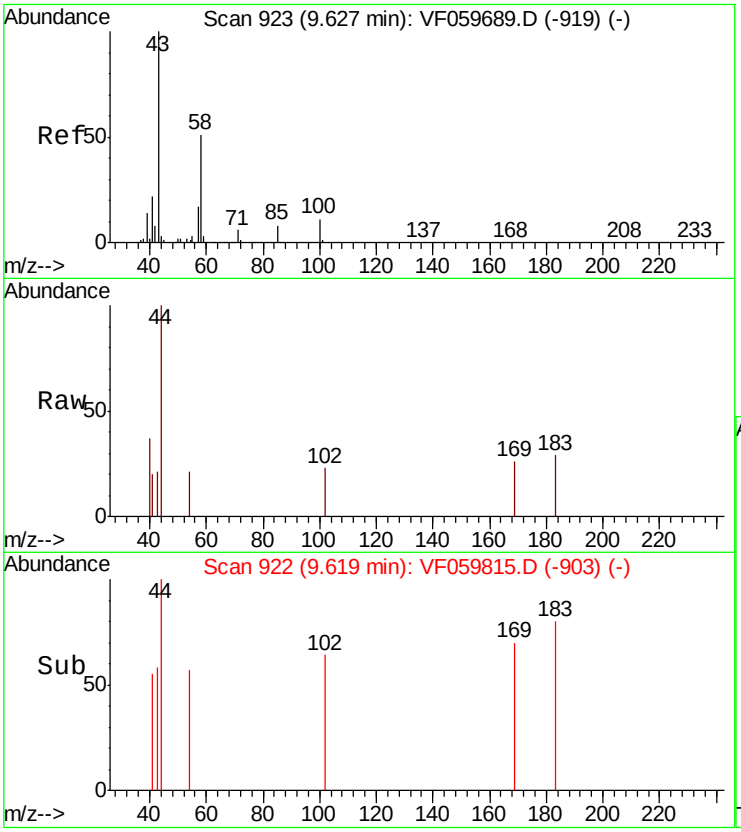


#57
1,3-Dichloropropane
Concen: 39.966 ug/l
RT: 9.09 min Scan# 868
Delta R.T. 0.09 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 76 Resp: 69

Ion	Ratio	Lower	Upper
76	100		
78	0.0	27.2	40.8#



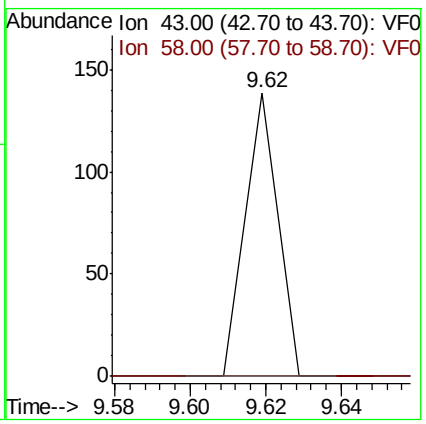


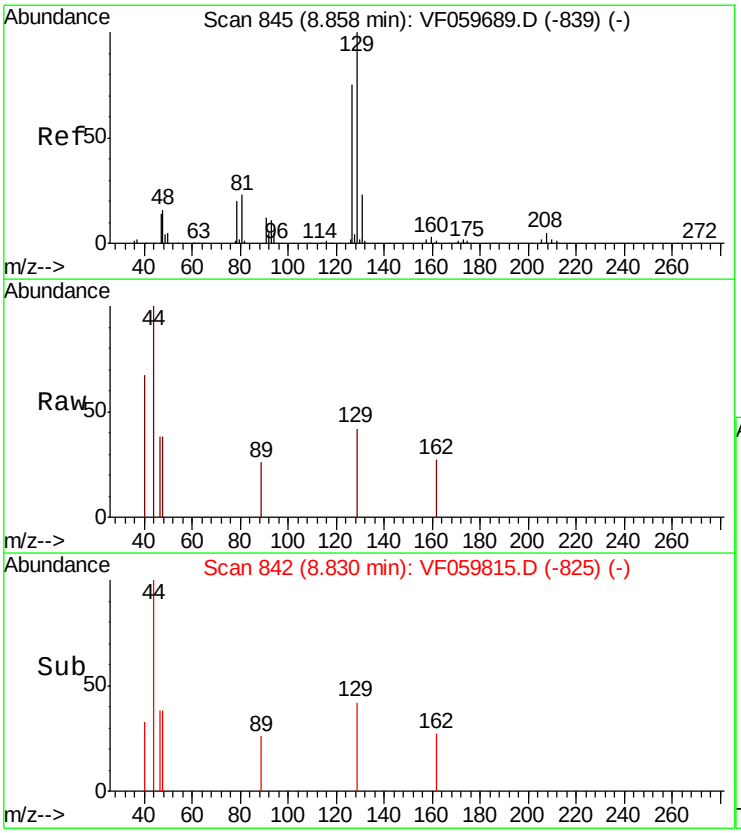
#59
2-Hexanone
Concen: 122.262 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.01 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Tgt Ion: 43 Resp: 82

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.3	69.8#

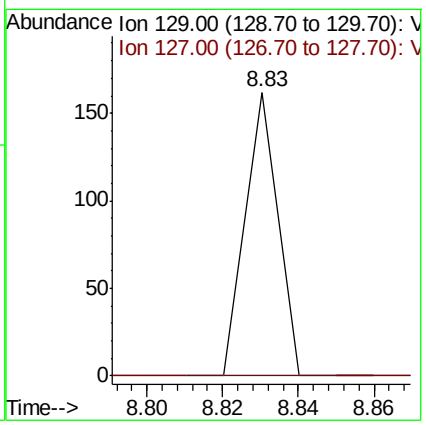


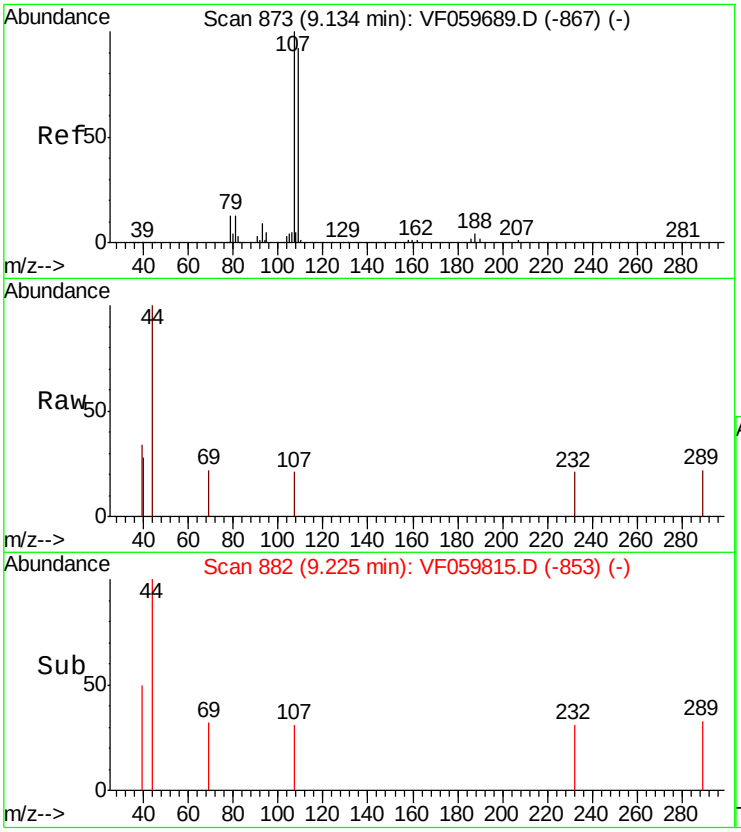


#60
Dibromochloromethane
Concen: 54.061 ug/l
RT: 8.83 min Scan# 842
Delta R.T. -0.03 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion:129 Resp: 96

Ion	Ratio	Lower	Upper
129	100		
127	0.0	37.7	113.1#



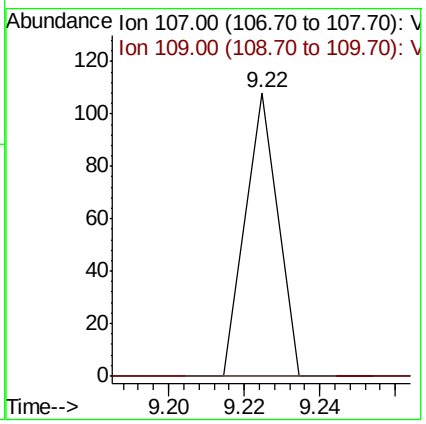


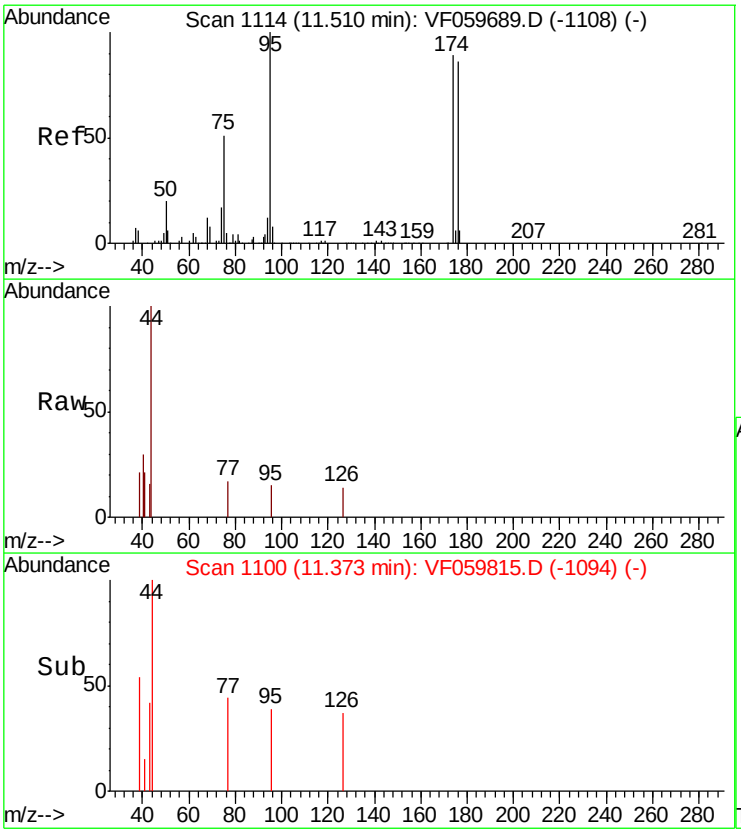
#61
1,2-Dibromoethane
Concen: 54.462 ug/l
RT: 9.22 min Scan# 882
Delta R.T. 0.09 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Tgt Ion:107 Resp: 64

Ion	Ratio	Lower	Upper
107	100		
109	0.0	73.6	110.4#

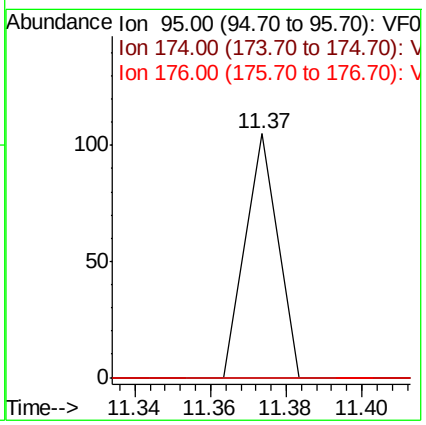


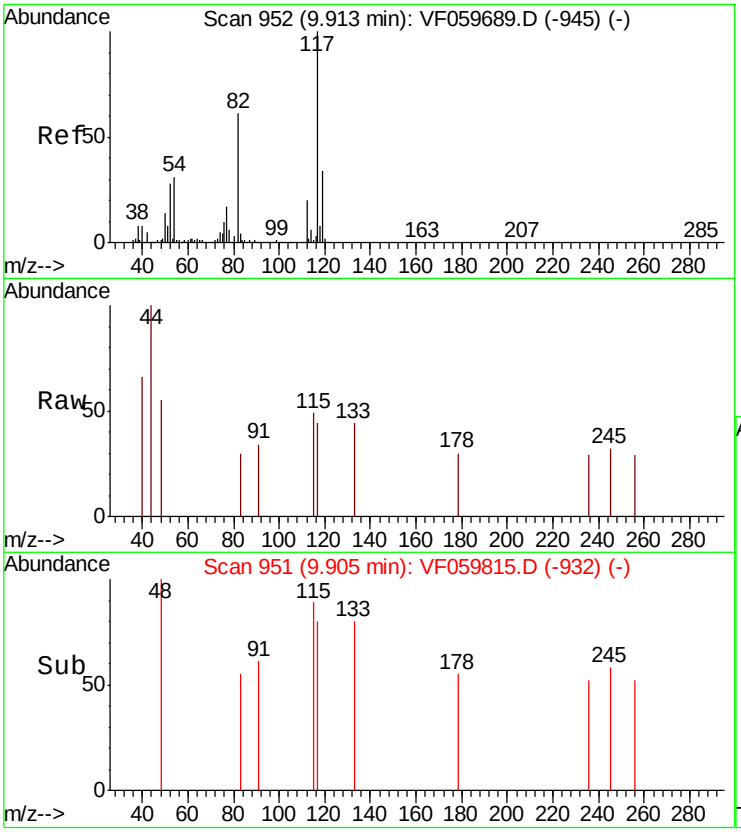


#62
4-Bromofluorobenzene
Concen: 25.130 ug/l
RT: 11.37 min Scan# 1100
Delta R.T. -0.14 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 95 Resp: 62

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	178.4
176	0.0	0.0	173.0



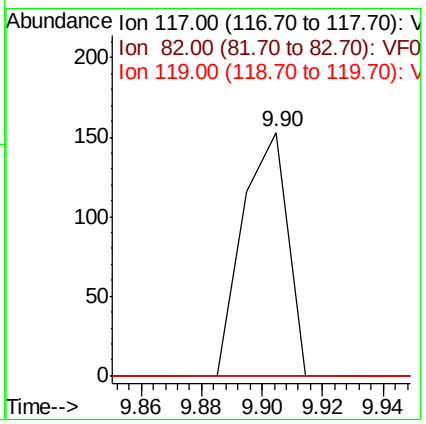


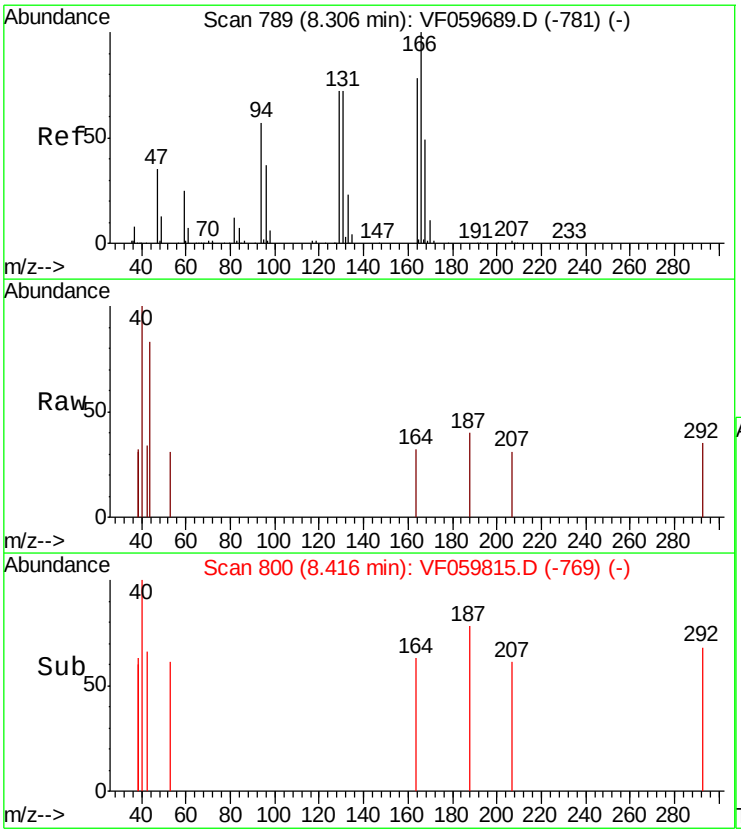
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Tgt Ion:117 Resp: 159

Ion	Ratio	Lower	Upper
117	100		
82	0.0	49.0	73.4#
119	0.0	27.3	40.9#

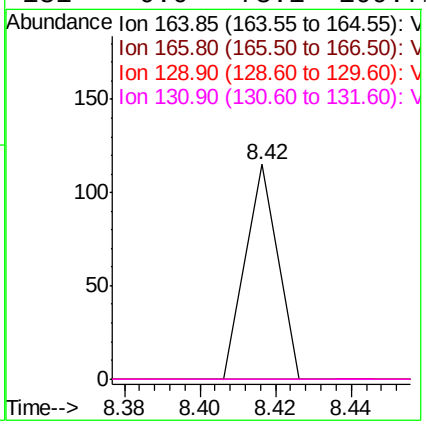


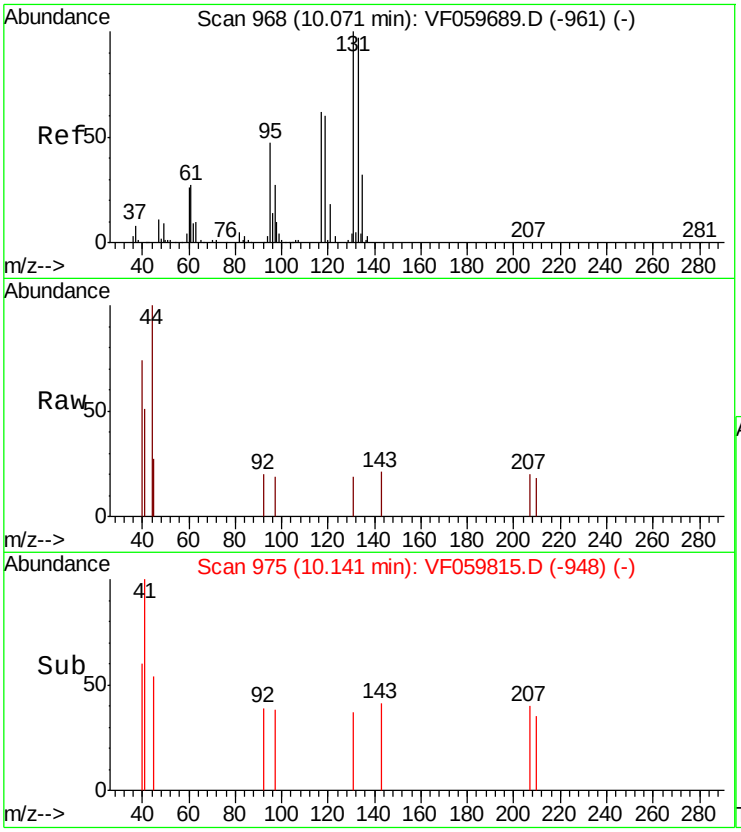


#64
Tetrachloroethene
Concen: 64.648 ug/l
RT: 8.42 min Scan# 800
Delta R.T. 0.11 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion:164 Resp: 68

Ion	Ratio	Lower	Upper
164	100		
166	0.0	102.1	153.1#
129	0.0	73.8	110.6#
131	0.0	73.1	109.7#



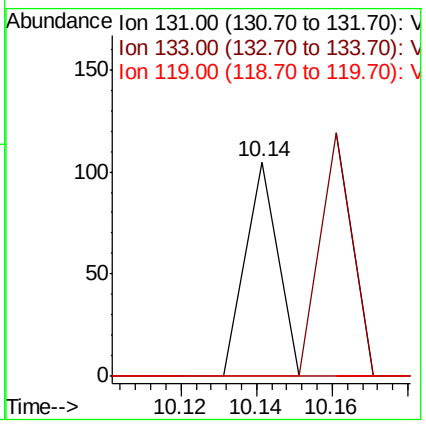


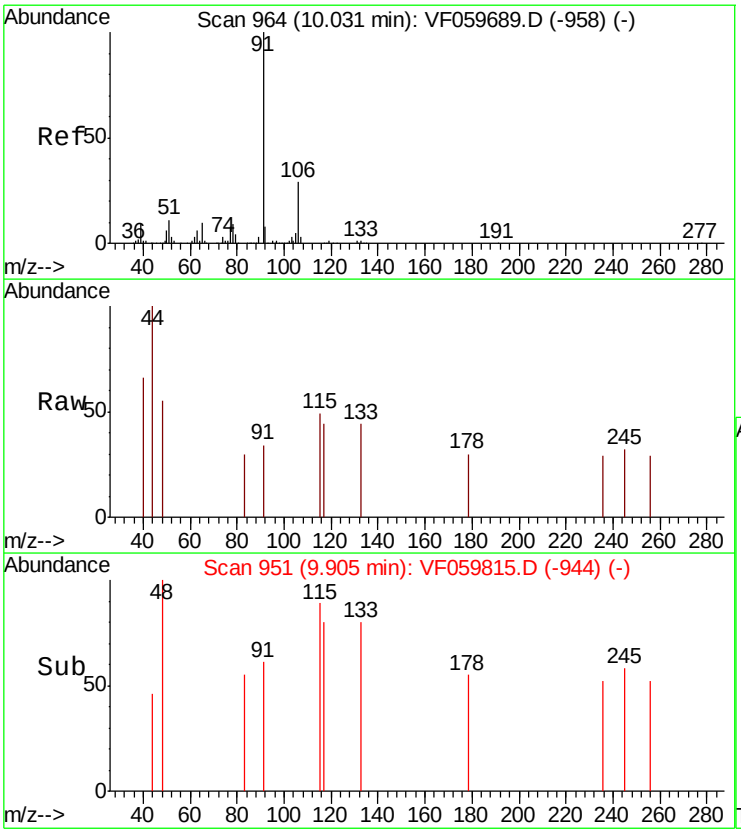
#66
1,1,1,2-Tetrachloroethane
Concen: 41.752 ug/l
RT: 10.14 min Scan# 975
Delta R.T. 0.07 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument : MSVOA_F
ClientSampleId : DUP-072518

Tgt Ion:131 Resp: 62

Ion	Ratio	Lower	Upper
131	100		
133	0.0	48.5	145.5#
119	0.0	30.3	90.8#

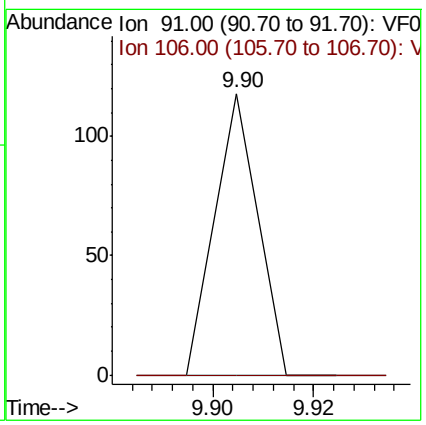


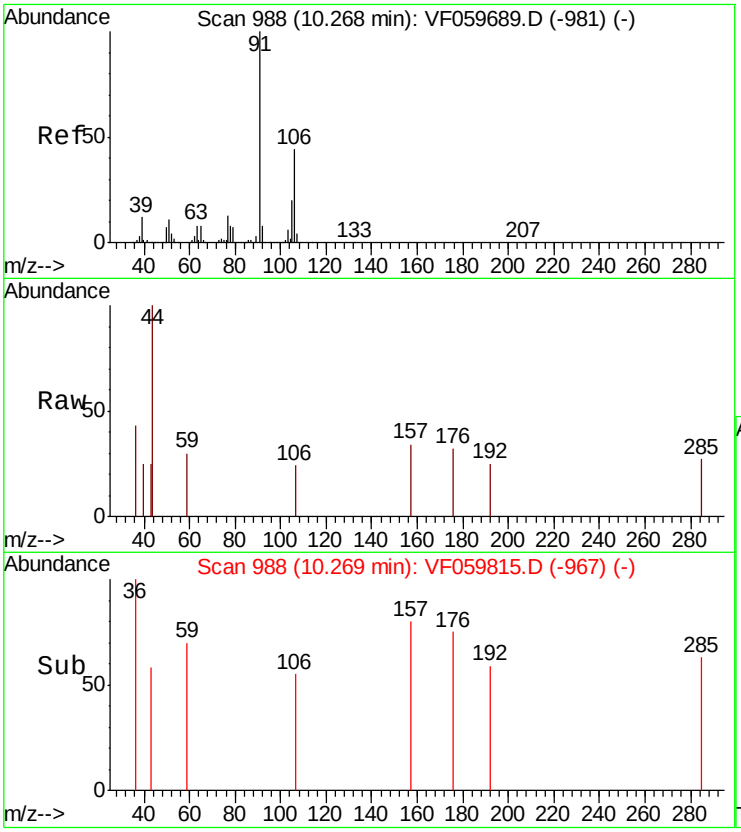


#67
Ethyl Benzene
Concen: 12.720 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.13 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 91 Resp: 70

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.9	34.3#



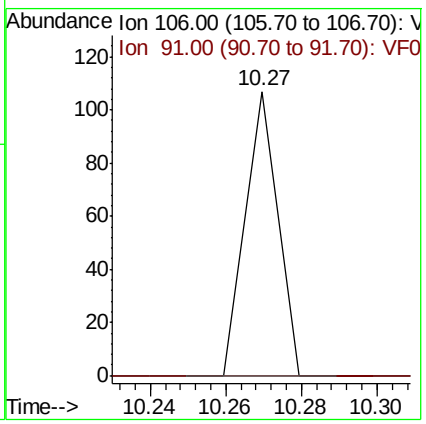


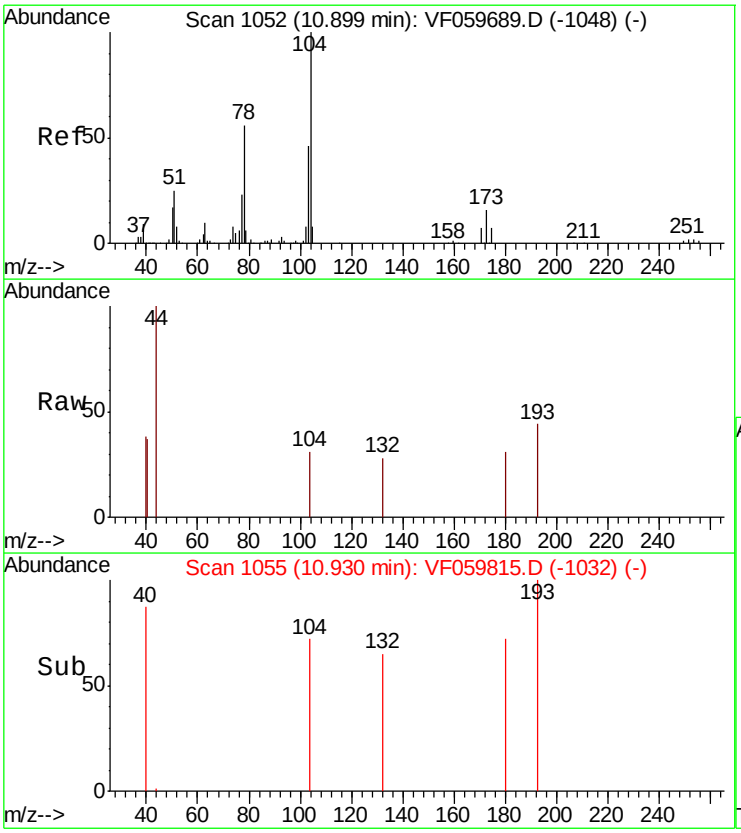
#68
m/p-Xylenes
Concen: 31.196 ug/l
RT: 10.27 min Scan# 988
Delta R.T. 0.00 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Instrument :
MSVOA_F
ClientSampleId :
DUP-072518

Tgt Ion:106 Resp: 63

Ion	Ratio	Lower	Upper
106	100		
91	0.0	181.7	272.5#

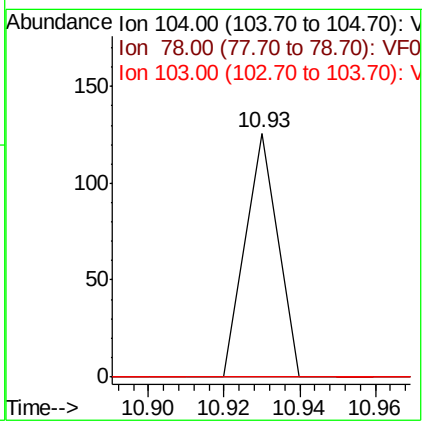


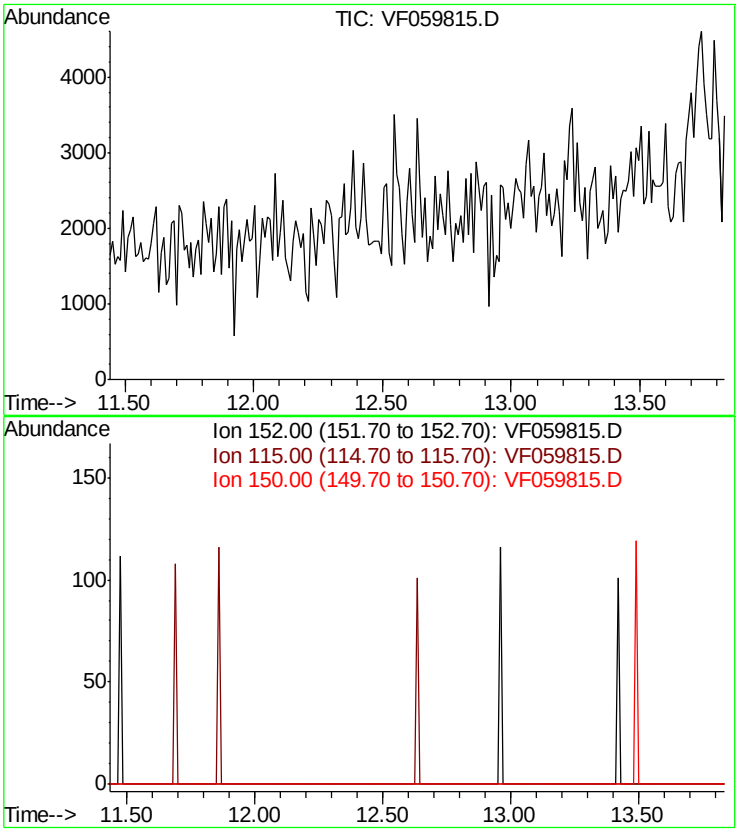


#70
Styrene
Concen: 24.415 ug/l
RT: 10.93 min Scan# 1055
Delta R.T. 0.03 min
Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion:104 Resp: 75

Ion	Ratio	Lower	Upper
104	100		
78	0.0	45.3	67.9#
103	0.0	36.6	54.8#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 12.63 min

Lab File: VF059815.D
Acq: 2 Aug 2018 21:58

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	56.4
150	158.1

Instrument :
MSVOA_F
ClientSampleId :
DUP-072518