Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122818\
Data File : VF061233.D
Acq On : 28 Dec 2018 13:53
Operator : VA/AP
Sample : J6515-01
Misc : 5.67g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : S72-0050

Quant Time: Dec 29 00:55:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	212779	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	398592	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.79	117	327934	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	159032	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	122399	44.72	ug/l	0.02
Spiked Amount 50.000			Recovery = 89.44%			
35) Dibromofluoromethane	4.13	113	140461	43.99	ug/l	0.02
Spiked Amount 50.000			Recovery = 87.98%			
50) Toluene-d8	7.57	98	339121	37.48	ug/l	0.01
Spiked Amount 50.000			Recovery = 74.96%			
62) 4-Bromofluorobenzene	11.42	95	163171	39.12	ug/l	0.01
Spiked Amount 50.000			Recovery = 78.24%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.59	59	1485	13.447	ug/l #	1
13) Acrolein	2.00	56	6983	87.505	ug/l #	23
14) Allyl chloride	2.05	41	53344	27.329	ug/l #	43
15) Acrylonitrile	2.94	53	5705	22.340	ug/l #	56
16) Acetone	2.25	43	39082	71.435	ug/l	98
18) Methyl Acetate	2.39	43	31907	28.189	ug/l #	68
20) Methylene Chloride	2.25	84	2060	Below Cal #		33
25) 2-Butanone	4.35	43	24635	27.764	ug/l #	63
29) Tetrahydrofuran	4.03	42	75498	209.057	ug/l #	1
30) Chloroform	3.87	83	17209	2.979	ug/l #	34
31) Cyclohexane	3.76	56	108378	27.112	ug/l #	45
37) Ethyl Acetate	4.03	43	432031	Below Cal #		10
39) Methylcyclohexane	5.47	83	84236	19.516	ug/l	90
41) Methacrylonitrile	4.69	41	174970	172.199	ug/l #	48
43) Isopropyl Acetate	6.83	43	501561	215.899	ug/l #	45
48) Methyl methacrylate	6.83	41	276383	170.418	ug/l #	48
49) 1,4-Dioxane	6.39	88	60	5.099	ug/l #	1
51) 4-Methyl-2-Pentanone	8.30	43	93321	58.573	ug/l #	46
52) Toluene	7.65	92	7709	1.126	ug/l	98
55) 1,1,2-Trichloroethane	8.64	97	14359	6.993	ug/l #	50
56) Ethyl methacrylate	8.64	69	66867	30.097	ug/l	93
58) 2-Chloroethyl Vinyl ether	7.25	63	1454	3.408	ug/l #	50
59) 2-Hexanone	9.52	43	13229	11.481	ug/l #	54
67) Ethyl Benzene	9.92	91	317667	25.738	ug/l	98
68) m/p-Xylenes	10.14	106	264617	60.923	ug/l	93
69) o-Xylene	10.72	106	5239	1.088	ug/l	87
70) Styrene	10.80	104	912	Below Cal #		88
73) Isopropylbenzene	11.14	105	185453	13.532	ug/l	98
74) N-amyl acetate	11.40	43	14813	4.868	ug/l #	26
75) 1,1,2,2-Tetrachloroethane	11.68	83	9780	4.300	ug/l #	41
76) 1,2,3-Trichloropropane	11.84	75	12859	7.597	ug/l #	1
78) n-propylbenzene	11.60	91	734241	45.719	ug/l	100
79) 2-Chlorotoluene	11.72	91	272778	29.015	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.84	105	1005917	89.140	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122818\
Data File : VF061233.D
Acq On : 28 Dec 2018 13:53
Operator : VA/AP
Sample : J6515-01
Misc : 5.67g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : S72-0050

Quant Time: Dec 29 00:55:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.84	75	12859	17.679	ug/l	#	1
82) 4-Chlorotoluene	11.84	91	109154	11.224	ug/l	#	43
83) tert-Butylbenzene	12.21	119	262990	22.648	ug/l	#	52
84) 1,2,4-Trimethylbenzene	12.21	105	2021638	179.649	ug/l		93
85) sec-Butylbenzene	12.31	105	155417	10.256	ug/l	#	65
86) p-Isopropyltoluene	12.44	119	220722	17.547	ug/l		98
87) 1,3-Dichlorobenzene	12.49	146	672	Below Cal		#	1
89) n-Butylbenzene	12.84	91	301127	20.959	ug/l	#	20
90) Hexachloroethane	12.93	117	10038	3.230	ug/l	#	27
92) 1,2-Dibromo-3-Chloropropan	13.62	75	1478	3.541	ug/l	#	2
95) Naphthalene	14.46	128	264452	38.719	ug/l		97

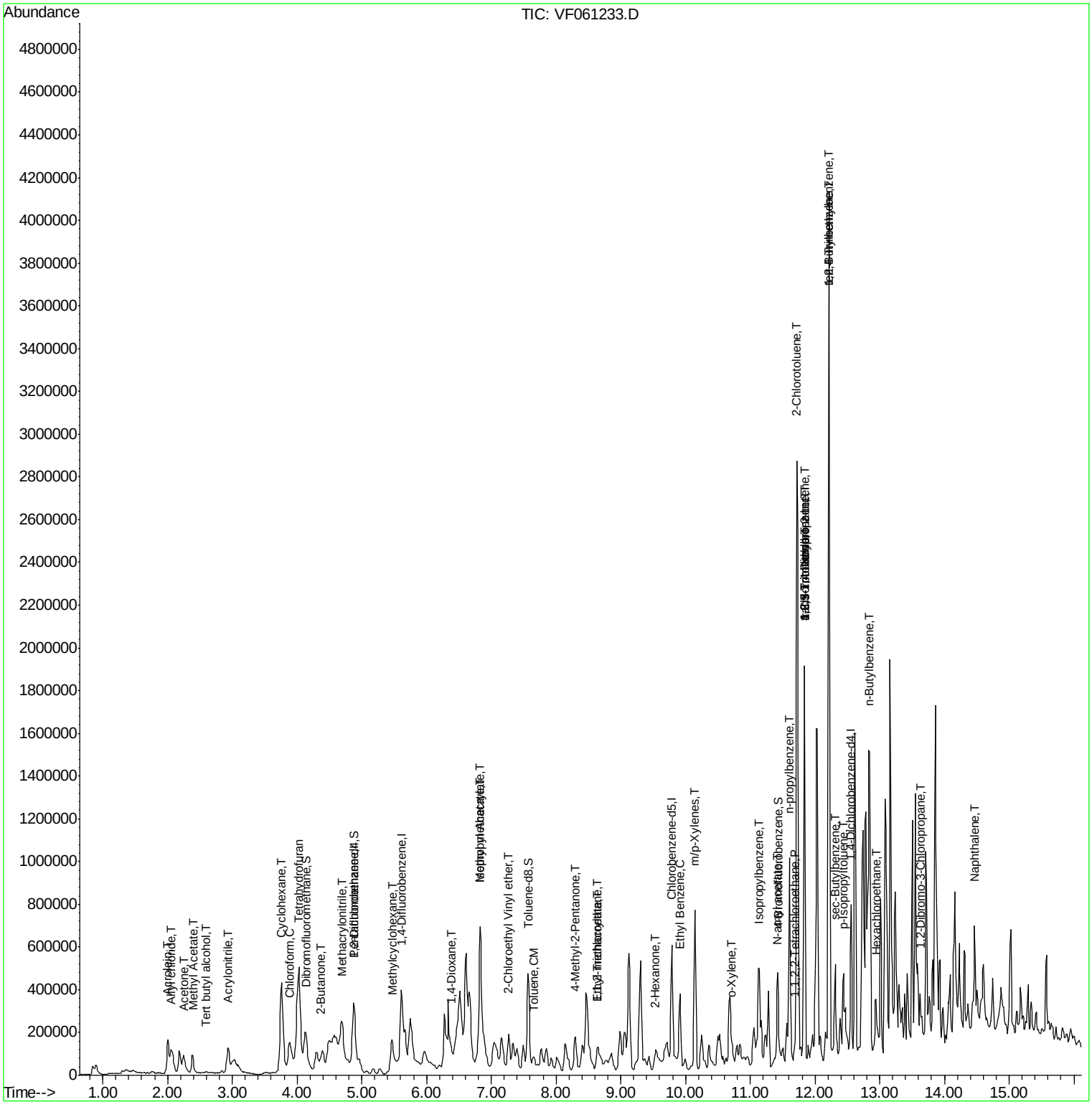
(#) = qualifier out of range (m) = manual integration (+) = signals summed

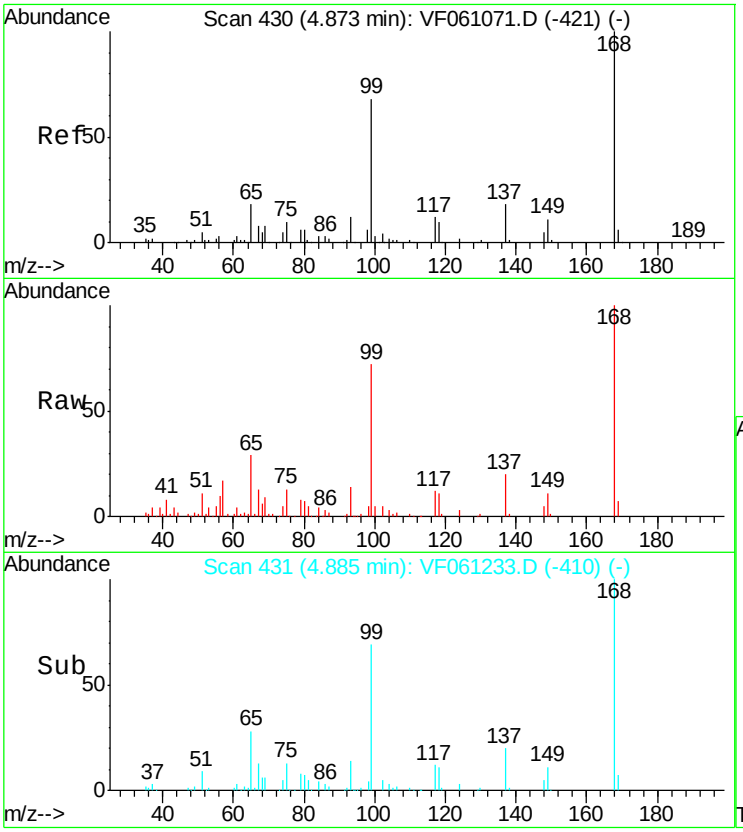
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122818\
Data File : VF061233.D
Acq On : 28 Dec 2018 13:53
Operator : VA/AP
Sample : J6515-01
Misc : 5.67g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
S72-0050

Quant Time: Dec 29 00:55:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration



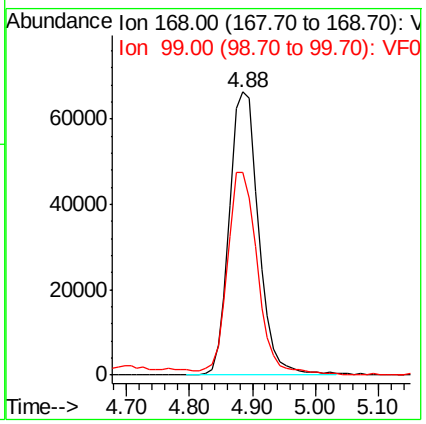


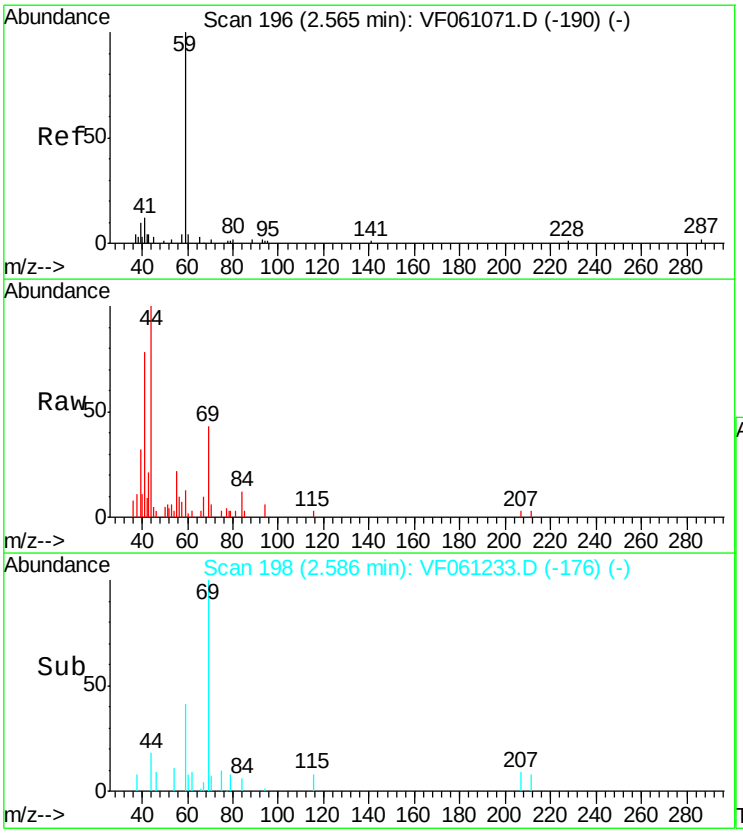
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument :
MSVOA_F
ClientSampleId :
S72-0050

Tgt Ion:168 Resp: 212779

Ion	Ratio	Lower	Upper
168	100		
99	71.8	54.4	81.6

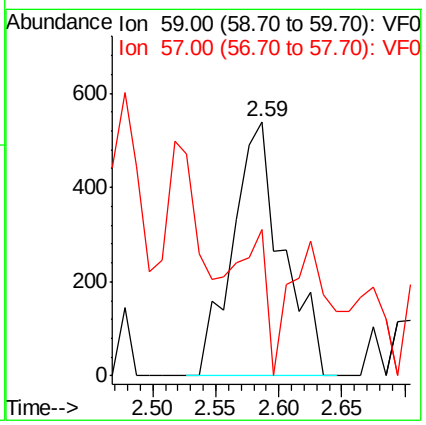


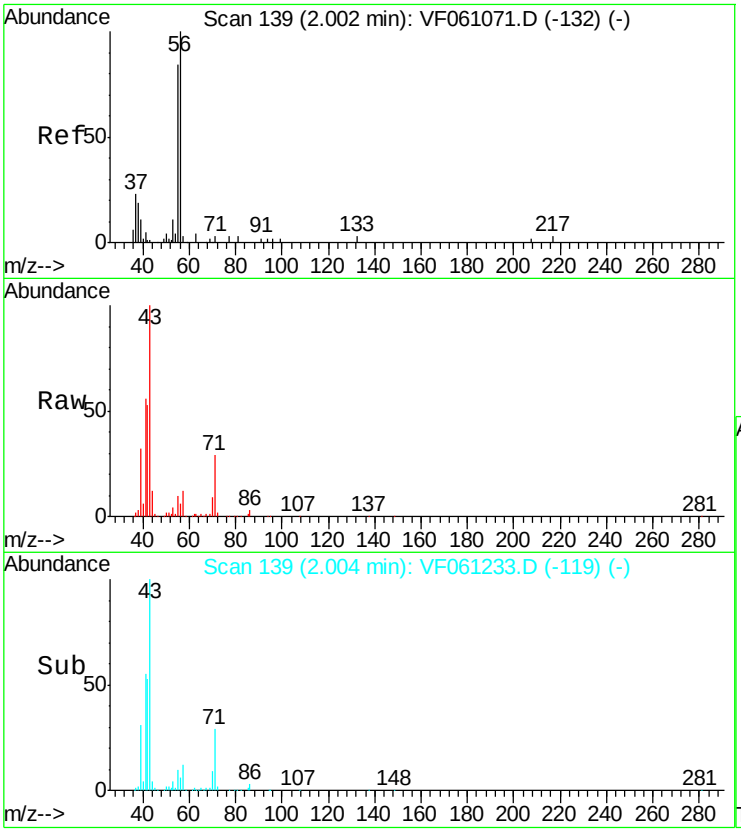


#11
Tert butyl alcohol
Concen: 13.447 ug/l
RT: 2.59 min Scan# 198
Delta R.T. 0.02 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 59 Resp: 1485

Ion	Ratio	Lower	Upper
59	100		
57	57.7	11.5	17.3#



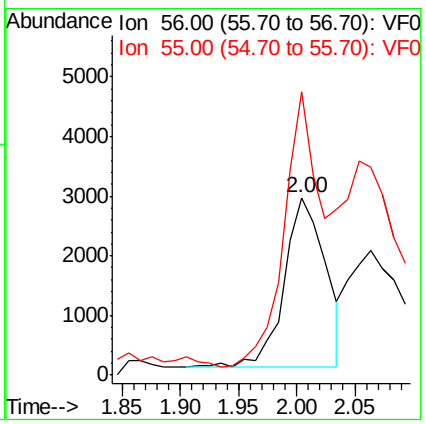


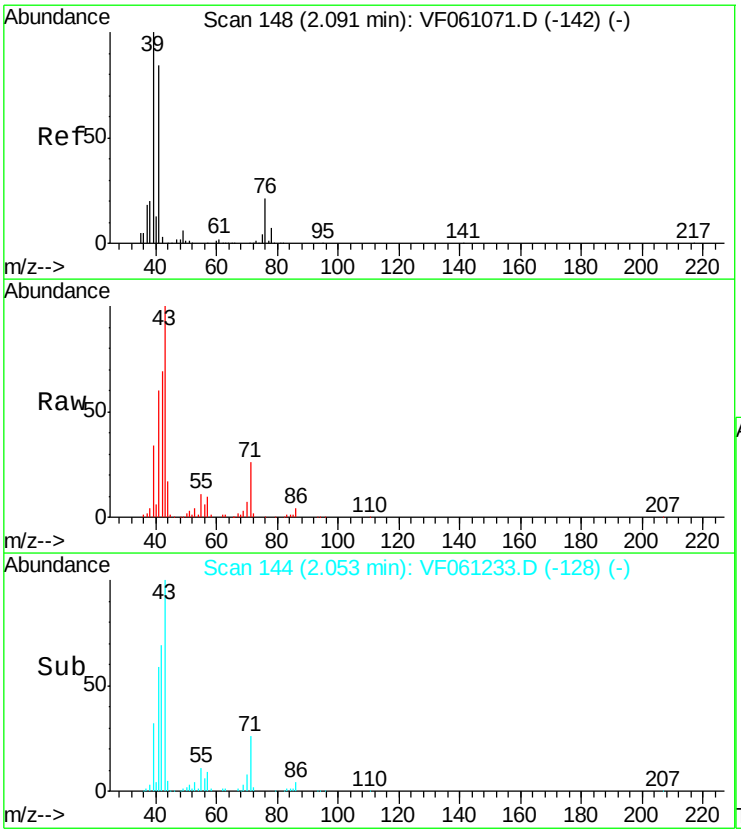
#13
Acrolein
Concen: 87.505 ug/l
RT: 2.00 min Scan# 139
Delta R.T. 0.00 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument : MSVOA_F
ClientSampleId : S72-0050

Tgt Ion: 56 Resp: 6983

Ion	Ratio	Lower	Upper
56	100		
55	159.5	70.2	105.2#

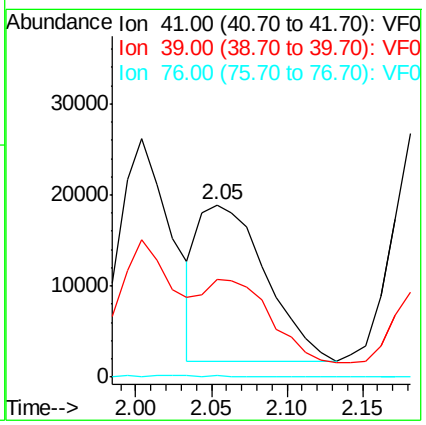


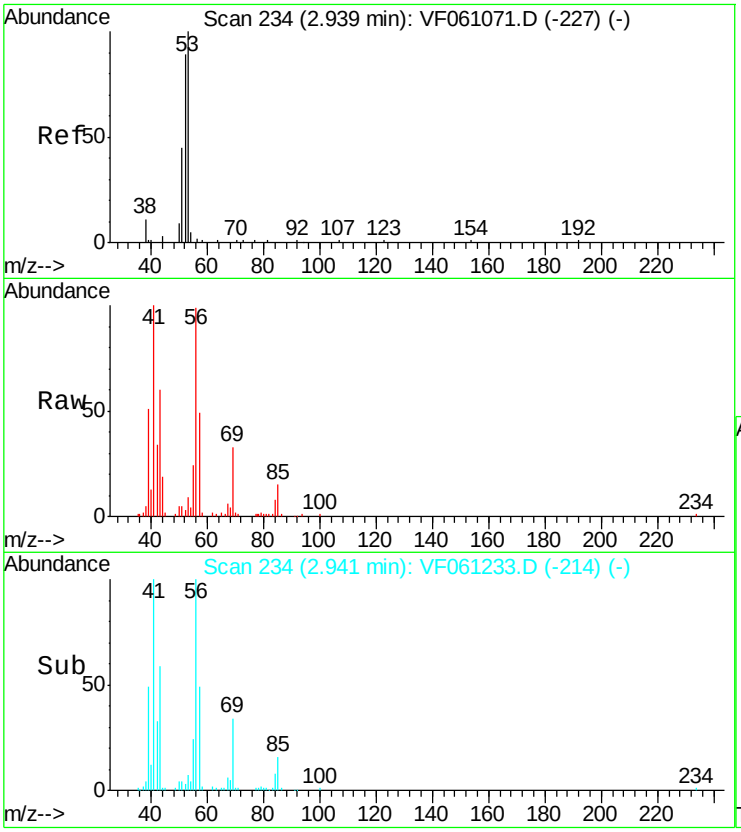


#14
Allyl chloride
Concen: 27.329 ug/l
RT: 2.05 min Scan# 144
Delta R.T. -0.04 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 41 Resp: 53344

Ion	Ratio	Lower	Upper
41	100		
39	56.5	96.4	144.6#
76	0.8	25.4	38.0#



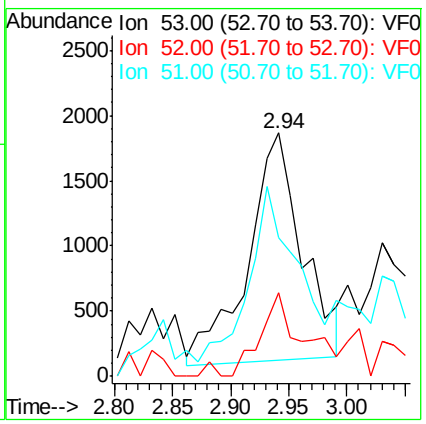


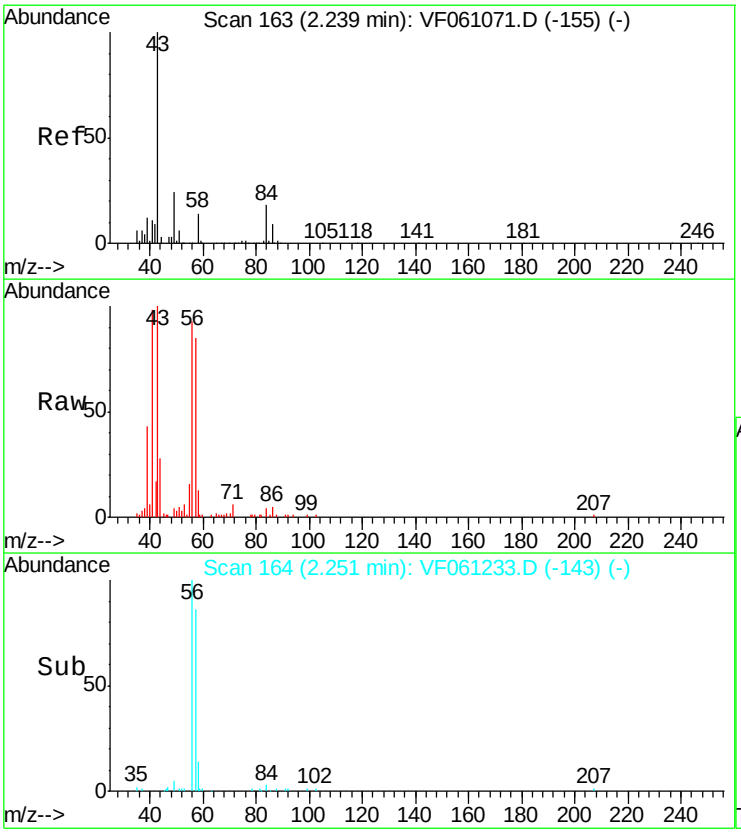
#15
Acrylonitrile
Concen: 22.340 ug/l
RT: 2.94 min Scan# 234
Delta R.T. 0.00 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument :
MSVOA_F
ClientSampleId :
S72-0050

Tgt Ion: 53 Resp: 5705

Ion	Ratio	Lower	Upper
53	100		
52	34.2	71.3	106.9#
51	56.9	36.8	55.2#

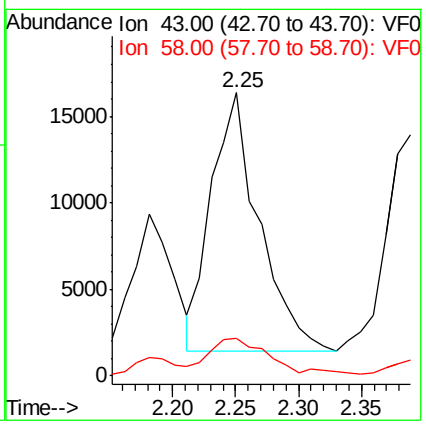


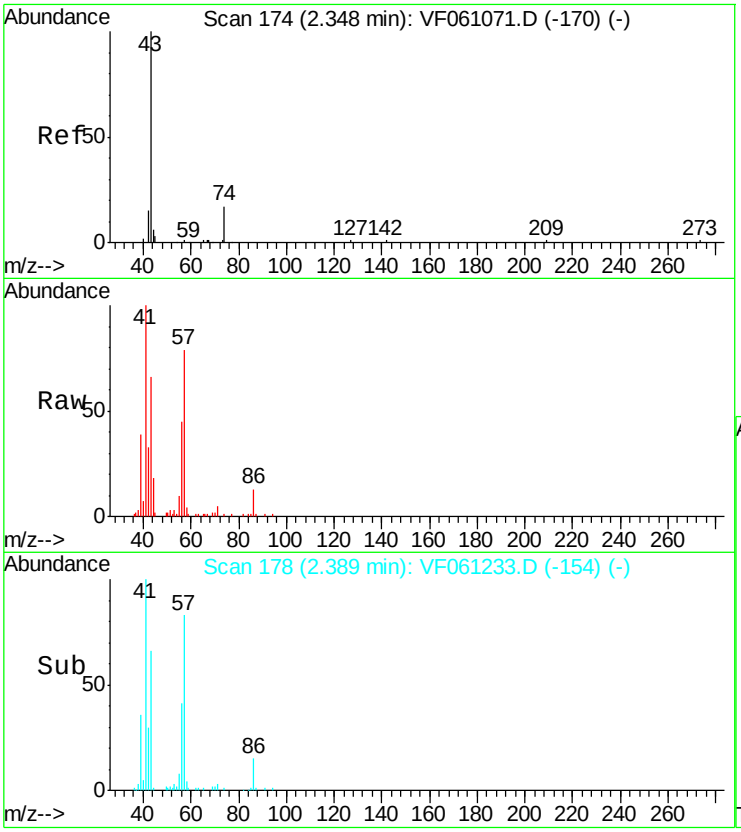


#16
Acetone
Concen: 71.435 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 43 Resp: 39082

Ion	Ratio	Lower	Upper
43	100		
58	13.2	11.1	16.7



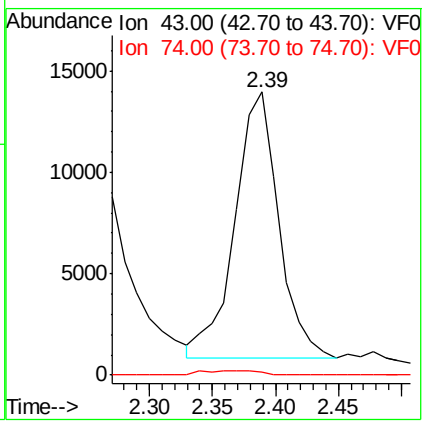


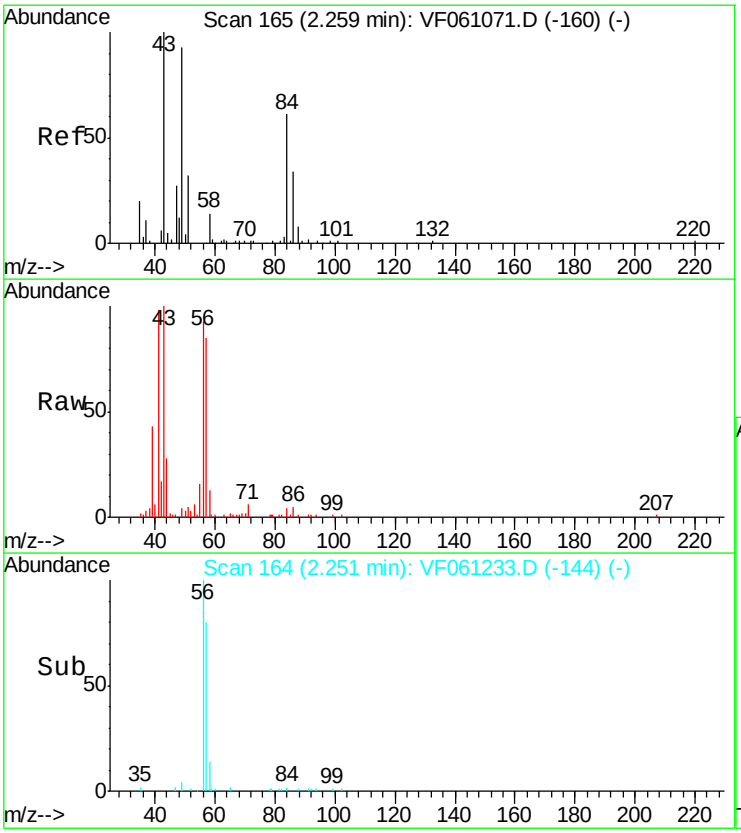
#18
Methyl Acetate
Concen: 28.189 ug/l
RT: 2.39 min Scan# 178
Delta R.T. 0.04 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument : MSVOA_F
ClientSampleId : S72-0050

Tgt Ion: 43 Resp: 31907

Ion	Ratio	Lower	Upper
43	100		
74	0.9	11.0	16.6#

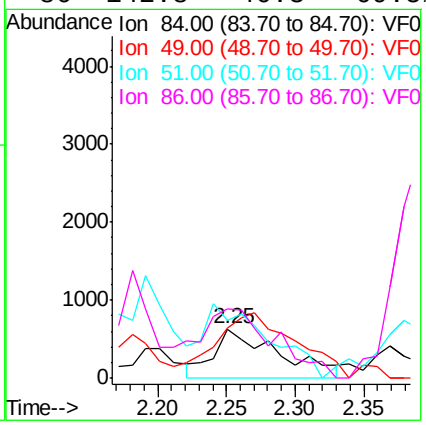


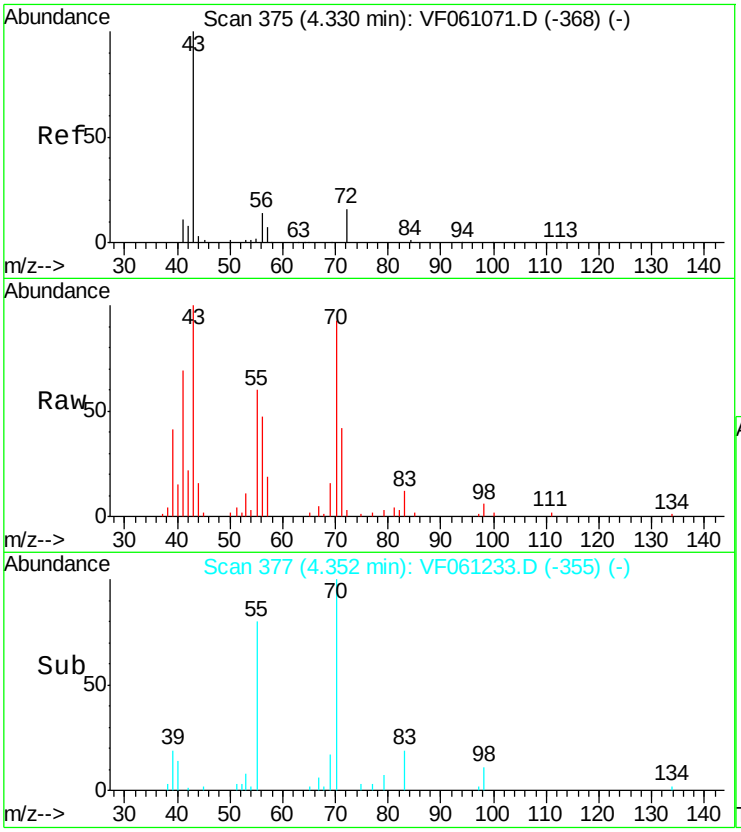


#20
Methylene Chloride
Concen: Below Cal
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 84 Resp: 2060

Ion	Ratio	Lower	Upper
84	100		
49	103.5	129.4	194.2#
51	117.6	44.0	66.0#
86	142.8	46.3	69.5#



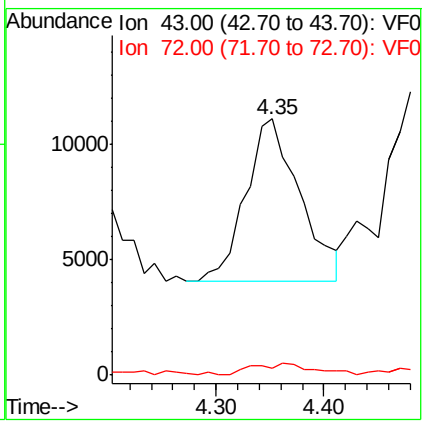


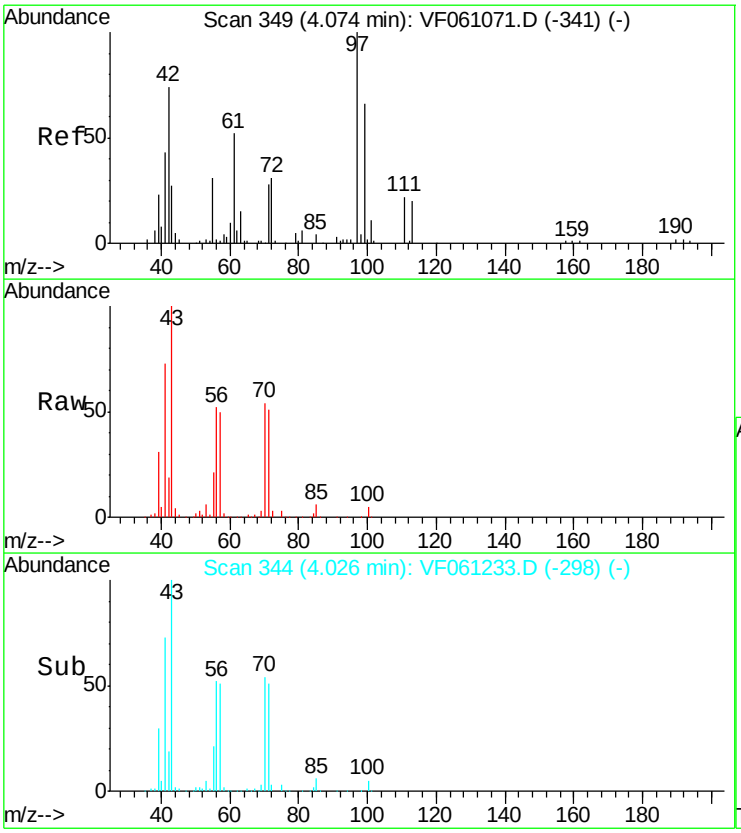
#25
2-Butanone
Concen: 27.764 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.02 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument : MSVOA_F
ClientSampleId : S72-0050

Tgt Ion: 43 Resp: 24635

Ion	Ratio	Lower	Upper
43	100		
72	2.5	15.6	23.4#

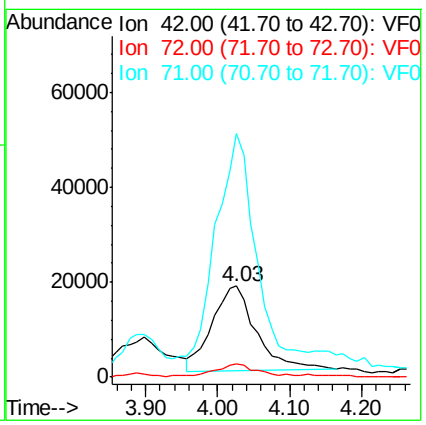


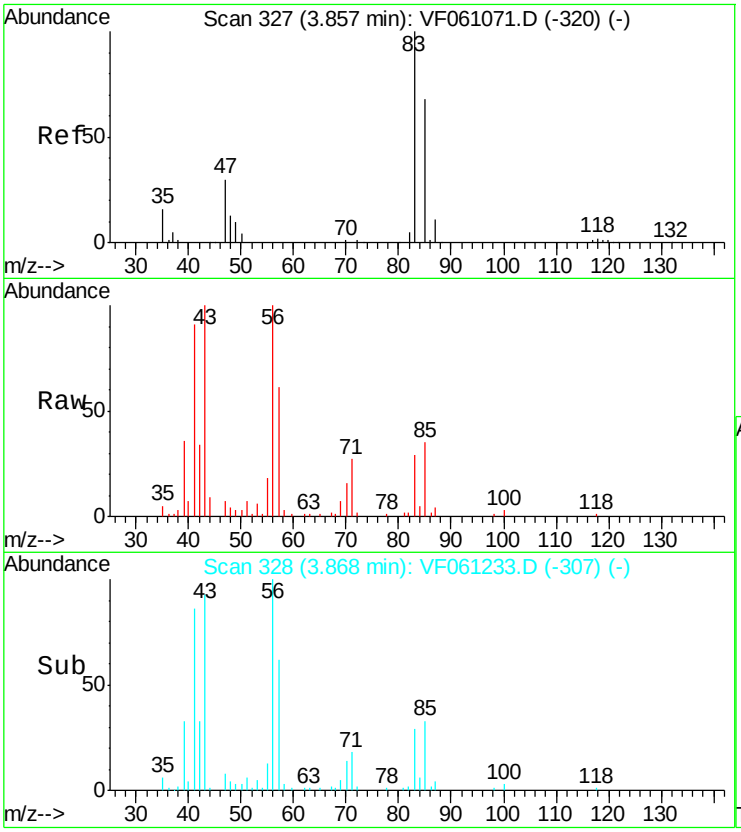


#29
Tetrahydrofuran
Concen: 209.057 ug/l
RT: 4.03 min Scan# 344
Delta R.T. -0.05 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 42 Resp: 75498

Ion	Ratio	Lower	Upper
42	100		
72	13.0	31.8	47.8#
71	230.5	29.7	44.5#



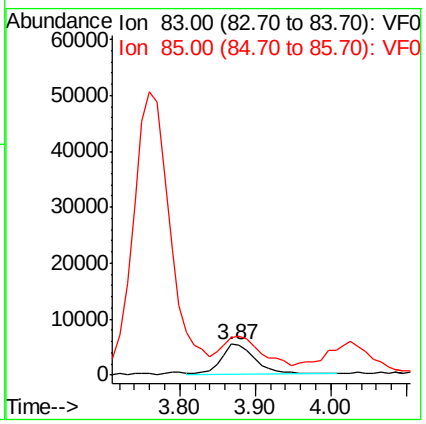


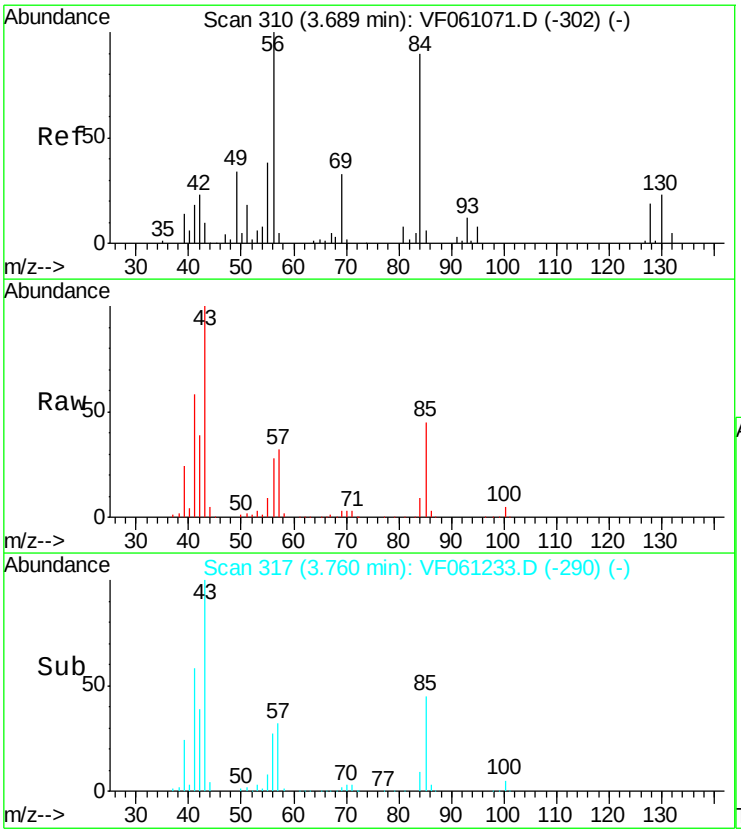
#30
Chloroform
Concen: 2.979 ug/l
RT: 3.87 min Scan# 328
Delta R.T. 0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument : MSVOA_F
ClientSampleId : S72-0050

Tgt Ion: 83 Resp: 17209

Ion	Ratio	Lower	Upper
83	100		
85	121.8	54.5	81.7#

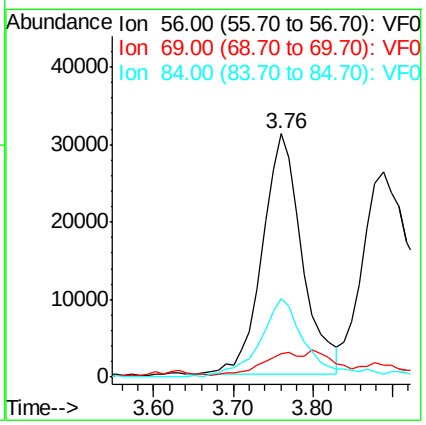


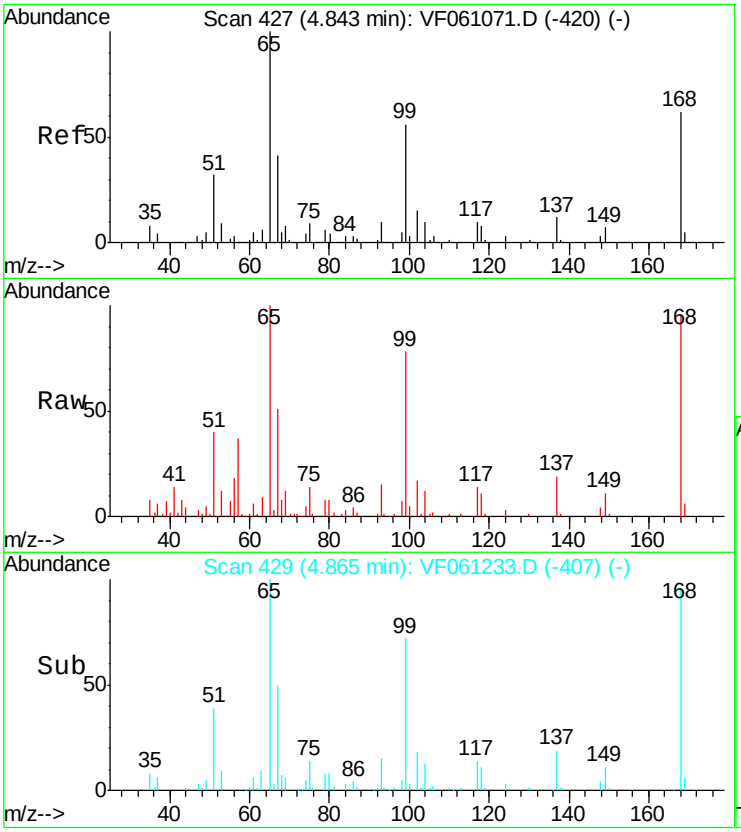


#31
Cyclohexane
Concen: 27.112 ug/l
RT: 3.76 min Scan# 317
Delta R.T. 0.07 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 56 Resp: 108378

Ion	Ratio	Lower	Upper
56	100		
69	9.6	26.0	39.0#
84	32.2	71.4	107.2#



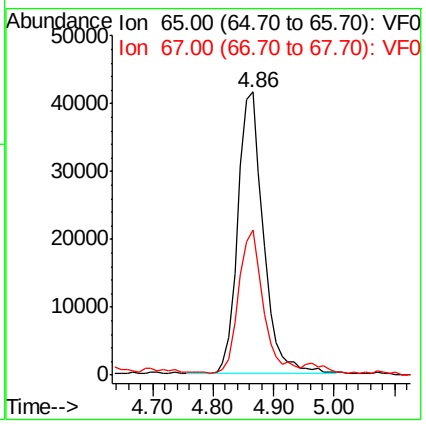


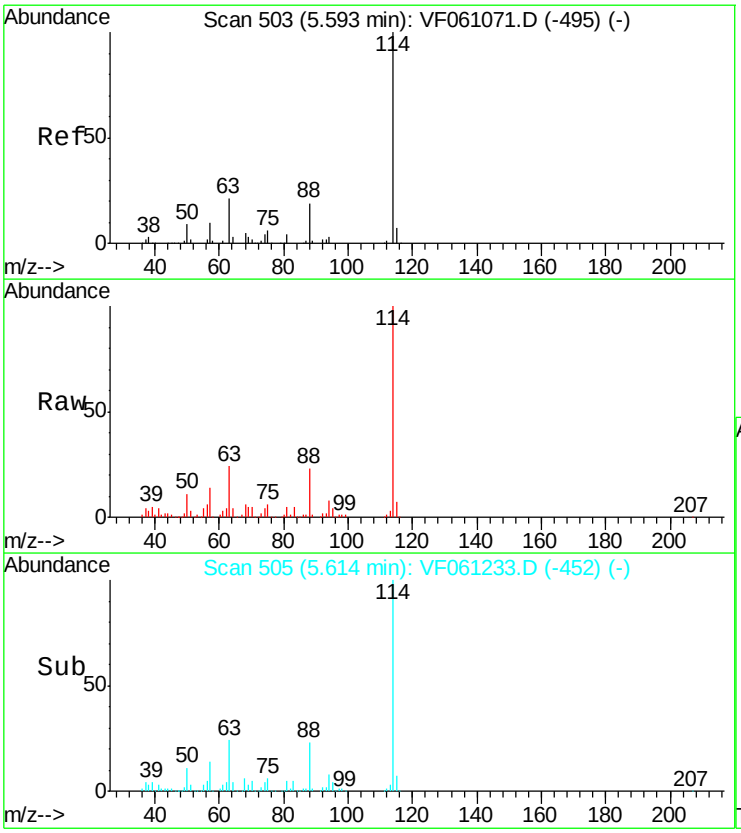
#33
1,2-Dichloroethane-d4
Concen: 44.725 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.02 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument :
MSVOA_F
ClientSampleId :
S72-0050

Tgt Ion: 65 Resp: 122399

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	94.6

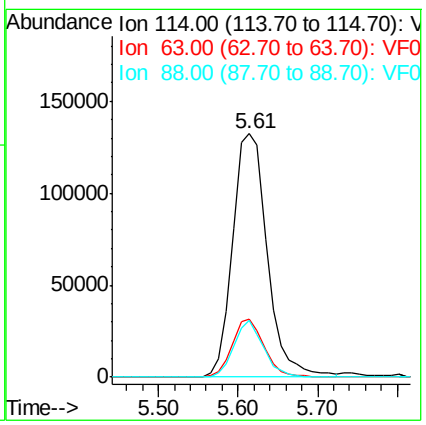


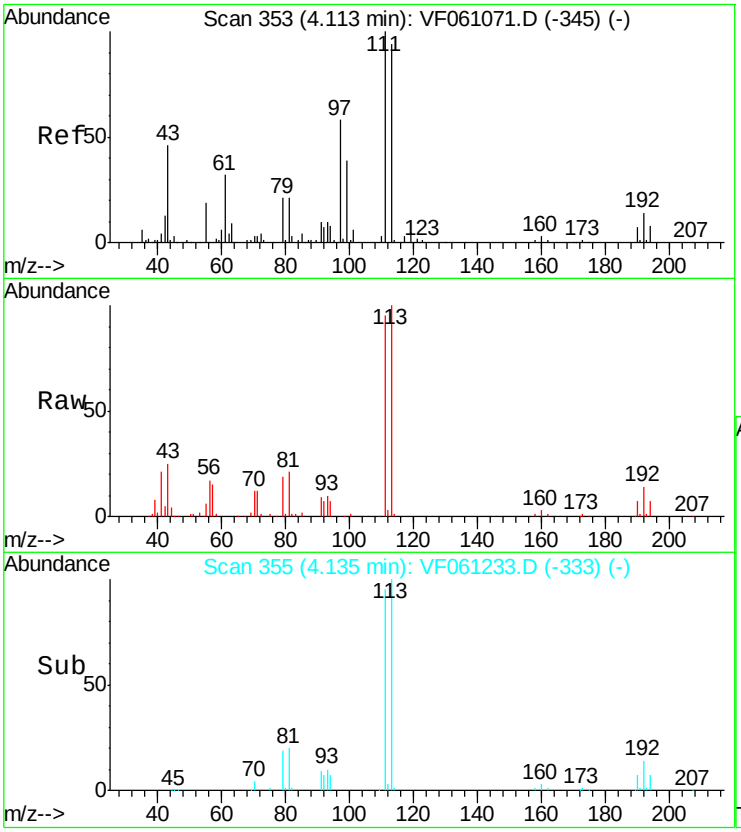


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.02 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion:114 Resp: 398592

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	41.6
88	23.3	0.0	38.0



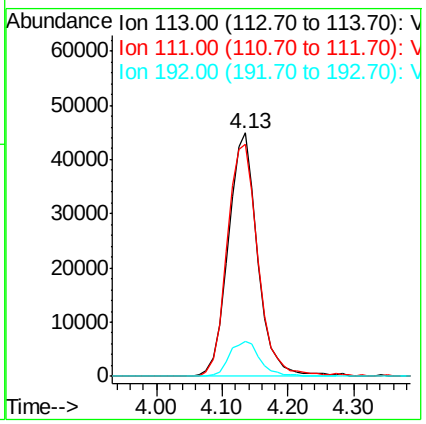


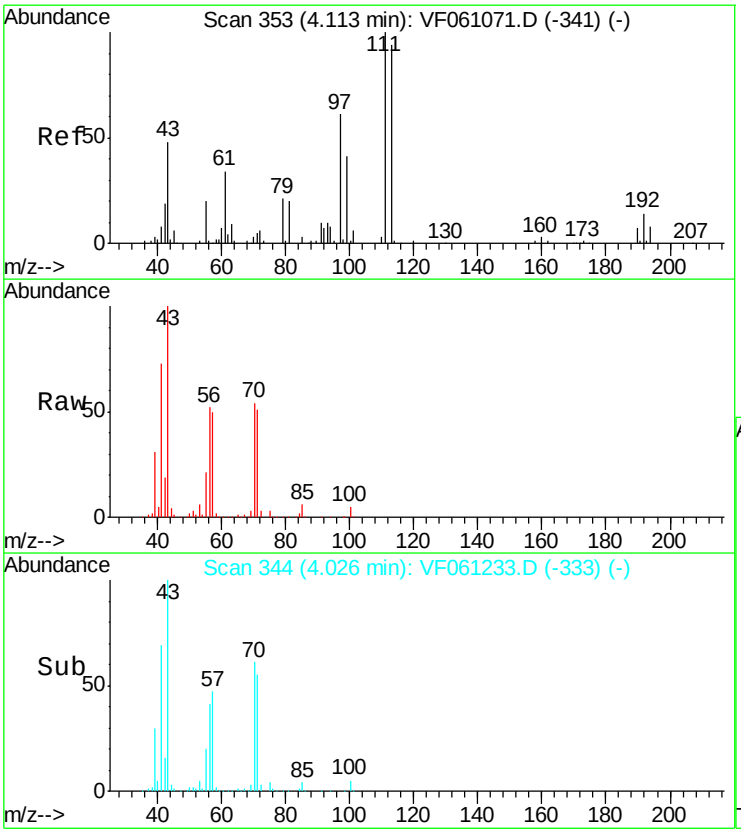
#35
Dibromofluoromethane
Concen: 43.991 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument :
MSVOA_F
ClientSampleId :
S72-0050

Tgt Ion:113 Resp: 140461

Ion	Ratio	Lower	Upper
113	100		
111	95.1	85.2	127.8
192	14.1	12.8	19.2

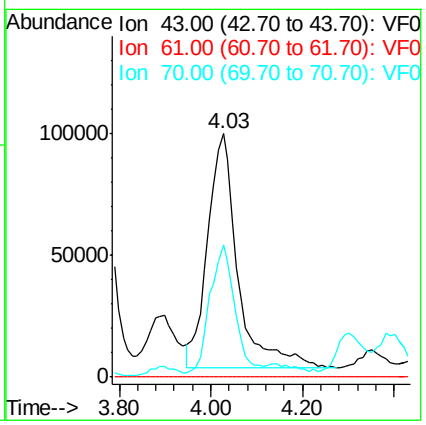


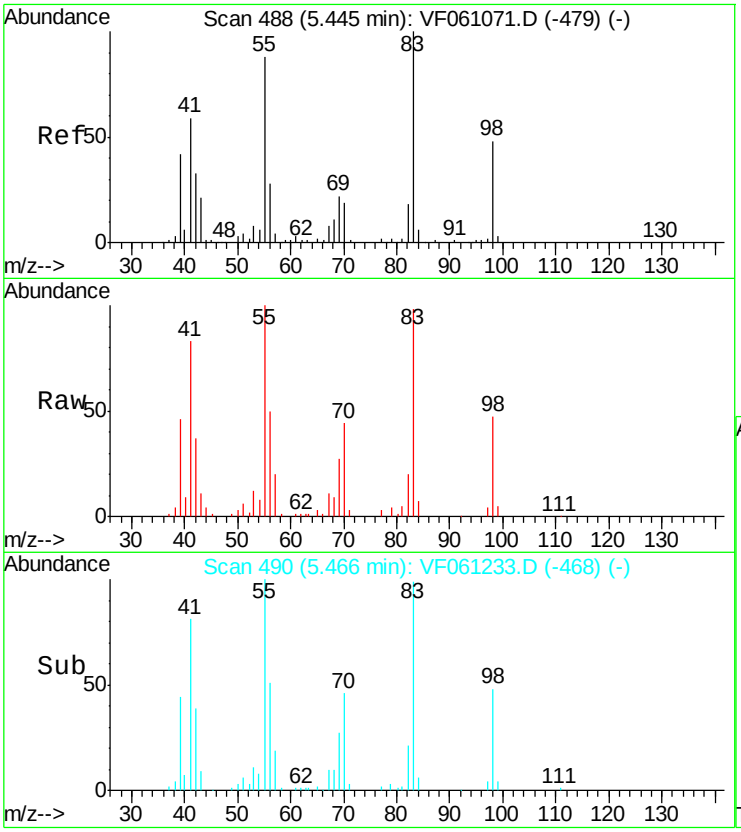


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.03 min Scan# 344
Delta R.T. -0.09 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 43 Resp: 432031

Ion	Ratio	Lower	Upper
43	100		
61	0.0	56.6	84.8#
70	54.1	6.3	9.5#



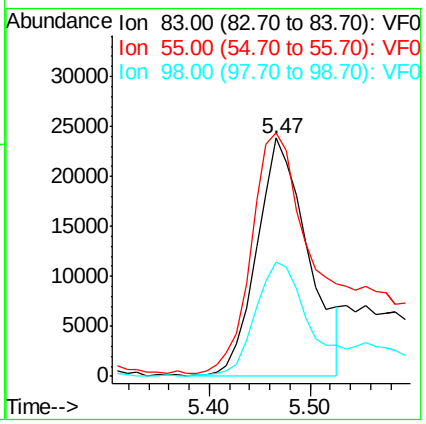


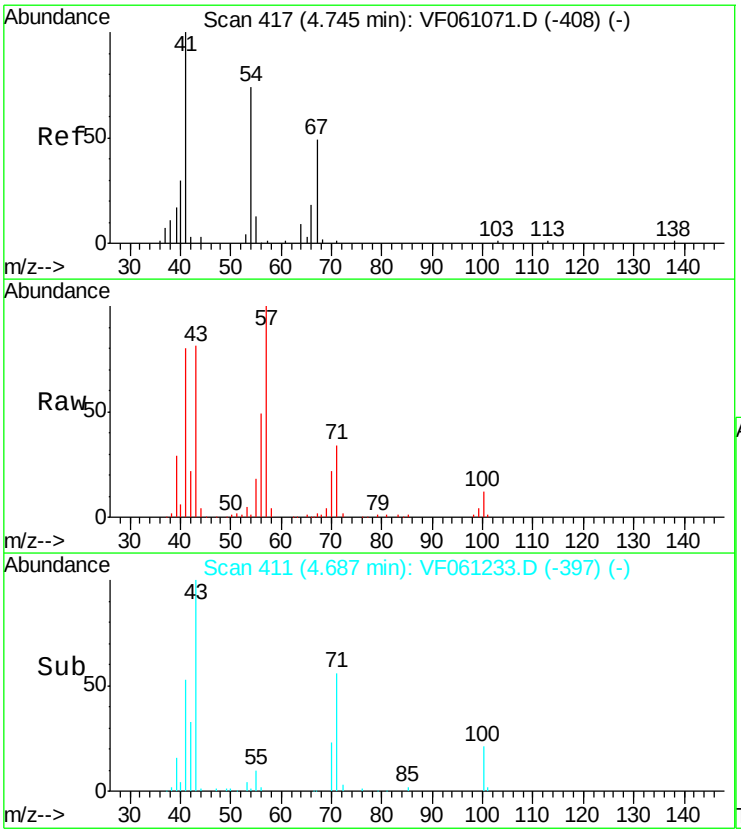
#39
Methylcyclohexane
Concen: 19.516 ug/l
RT: 5.47 min Scan# 490
Delta R.T. 0.02 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument : MSVOA_F
ClientSampleId : S72-0050

Tgt Ion: 83 Resp: 84236

Ion	Ratio	Lower	Upper
83	100		
55	102.2	70.6	105.8
98	48.2	38.5	57.7

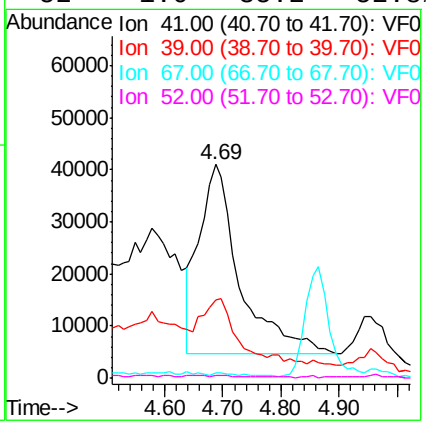


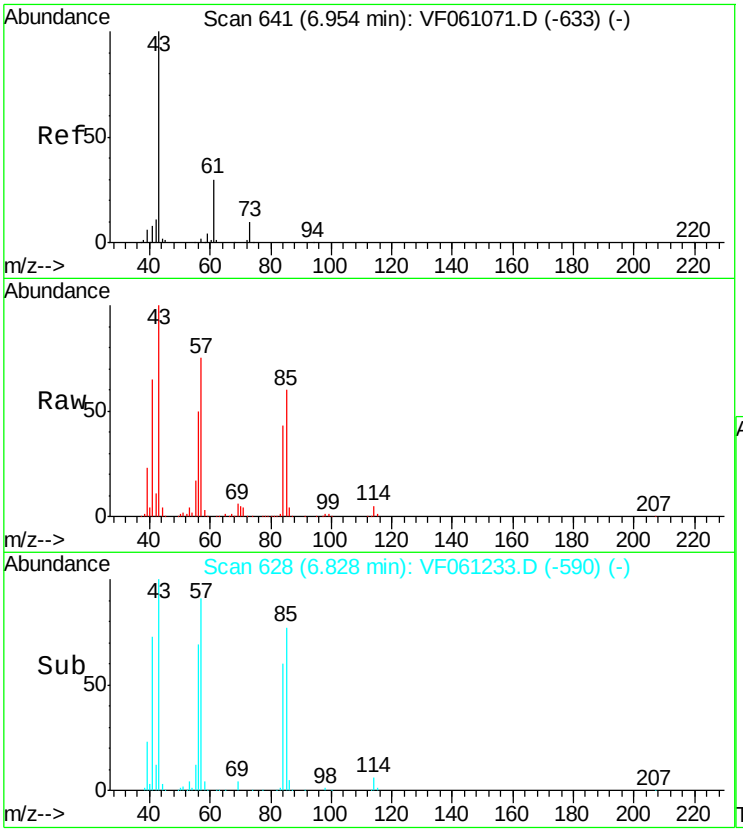


#41
Methacrylonitrile
Concen: 172.199 ug/l
RT: 4.69 min Scan# 411
Delta R.T. -0.06 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 41 Resp: 174970

Ion	Ratio	Lower	Upper
41	100		
39	36.5	45.7	68.5#
67	2.3	38.9	58.3#
52	1.0	35.2	52.8#



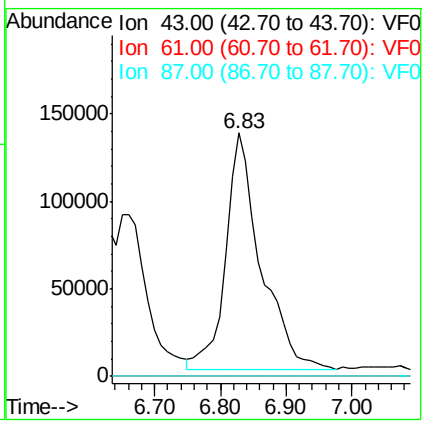


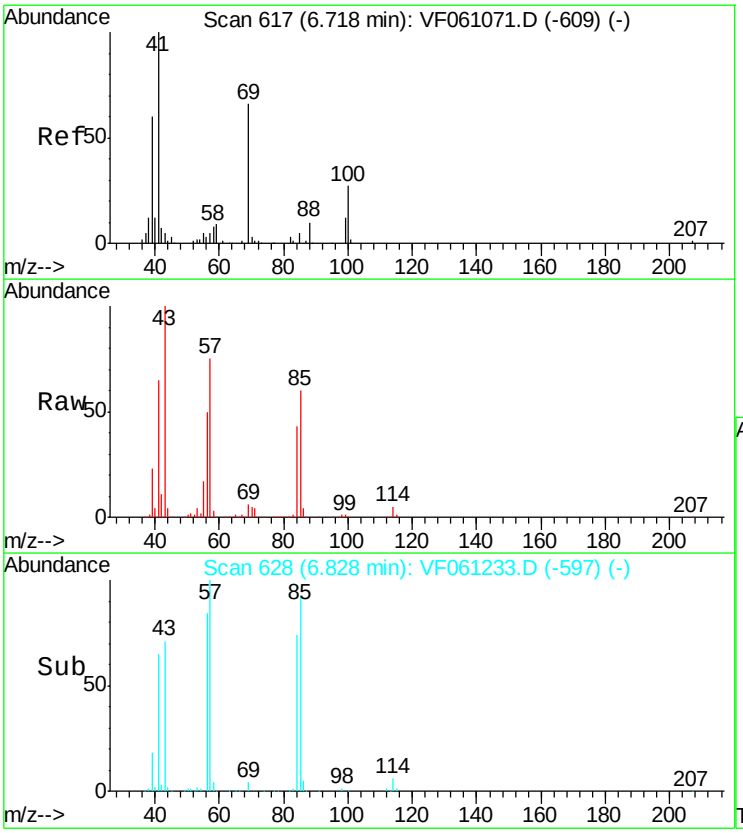
#43
Isopropyl Acetate
Concen: 215.899 ug/l
RT: 6.83 min Scan# 628
Delta R.T. -0.13 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument : MSVOA_F
ClientSampleId : S72-0050

Tgt Ion: 43 Resp: 501561

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.8	35.8#
87	0.1	0.0	0.0#

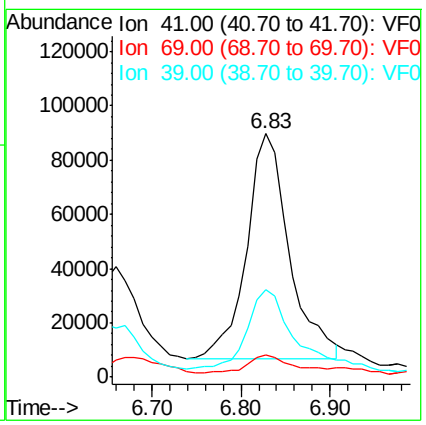


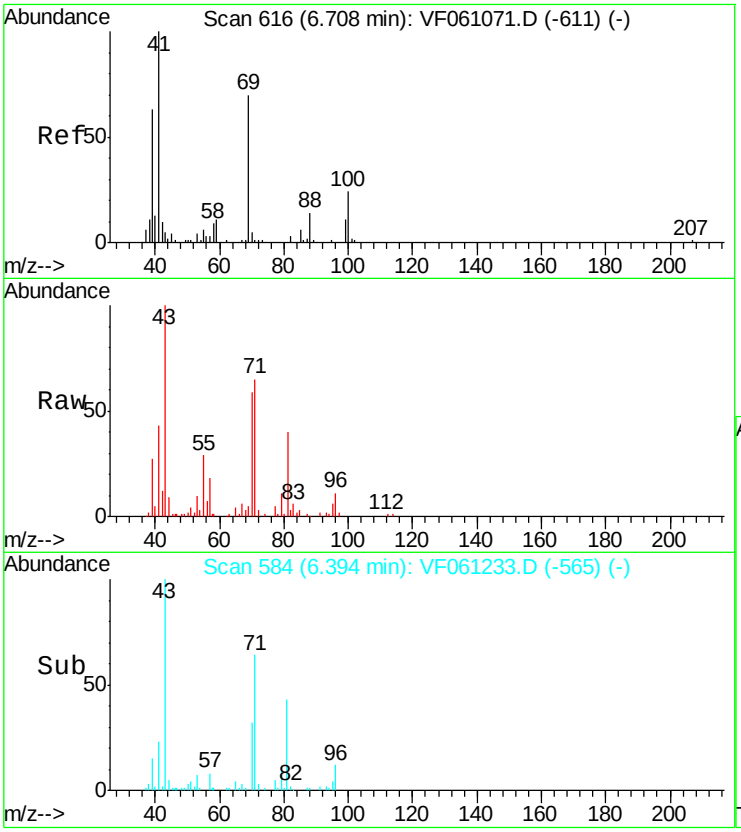


#48
Methyl methacrylate
Concen: 170.418 ug/l
RT: 6.83 min Scan# 628
Delta R.T. 0.11 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 41 Resp: 276383

Ion	Ratio	Lower	Upper
41	100		
69	9.1	52.7	79.1#
39	36.1	47.8	71.6#



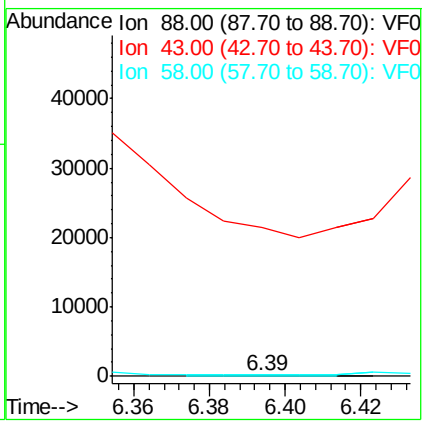


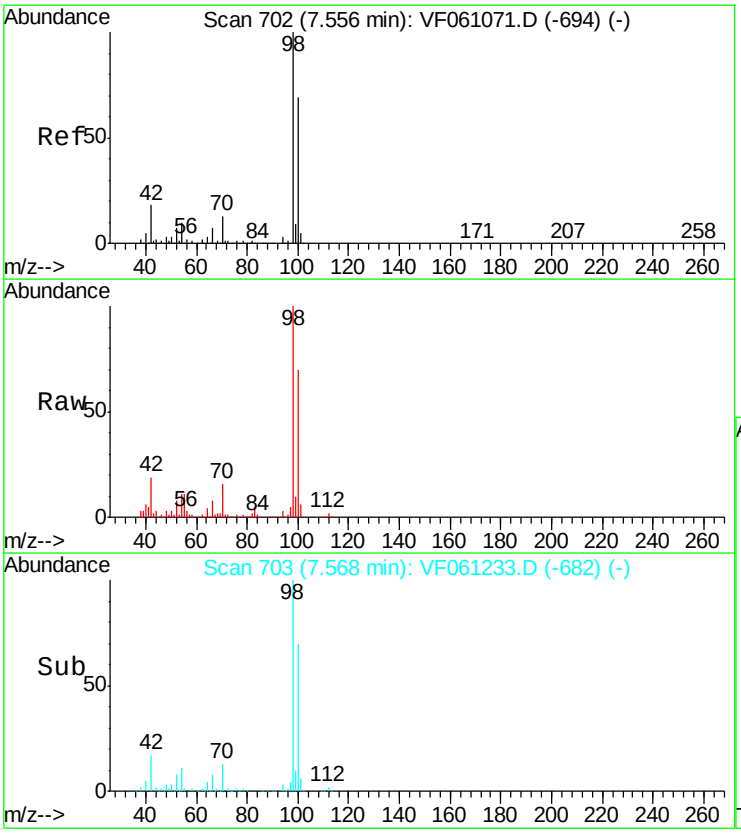
#49
1,4-Dioxane
Concen: 5.099 ug/l
RT: 6.39 min Scan# 584
Delta R.T. -0.31 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument : MSVOA_F
ClientSampleId : S72-0050

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	21275.2	33.3	49.9#
58	245.5	53.2	79.8#

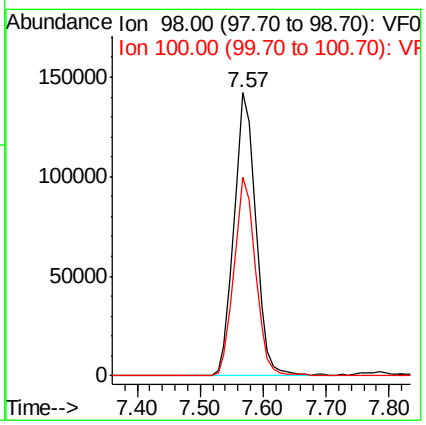


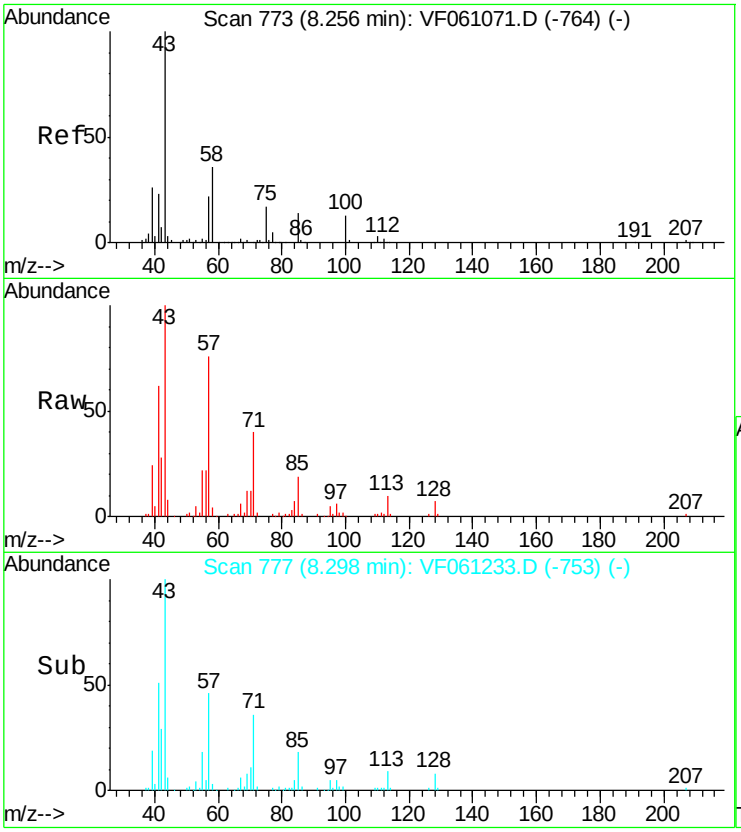


#50
Toluene-d8
Concen: 37.478 ug/l
RT: 7.57 min Scan# 703
Delta R.T. 0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 98 Resp: 339121

Ion	Ratio	Lower	Upper
98	100		
100	70.1	55.3	82.9



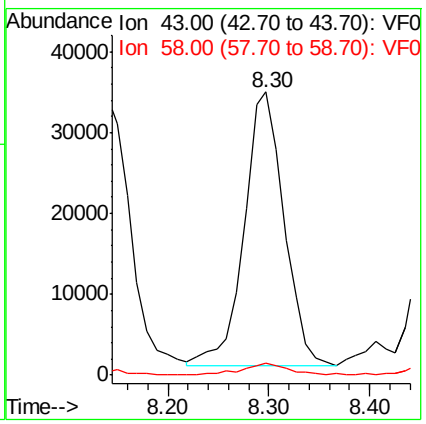


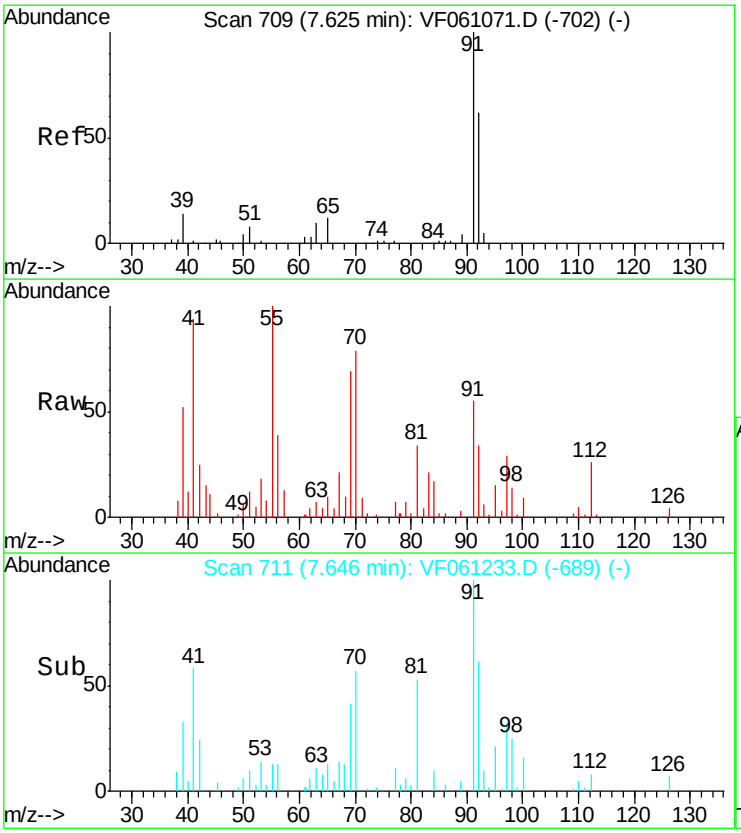
#51
4-Methyl-2-Pentanone
Concen: 58.573 ug/l
RT: 8.30 min Scan# 777
Delta R.T. 0.04 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument : MSVOA_F
ClientSampleId : S72-0050

Tgt Ion: 43 Resp: 93321

Ion	Ratio	Lower	Upper
43	100		
58	4.5	29.1	43.7#

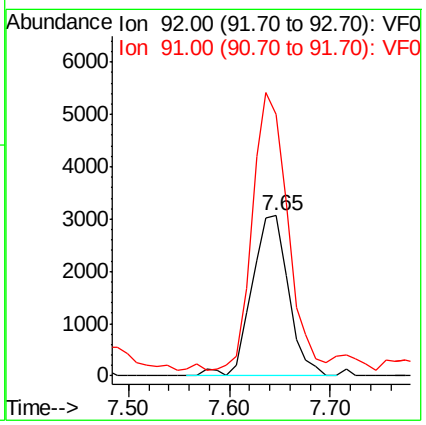


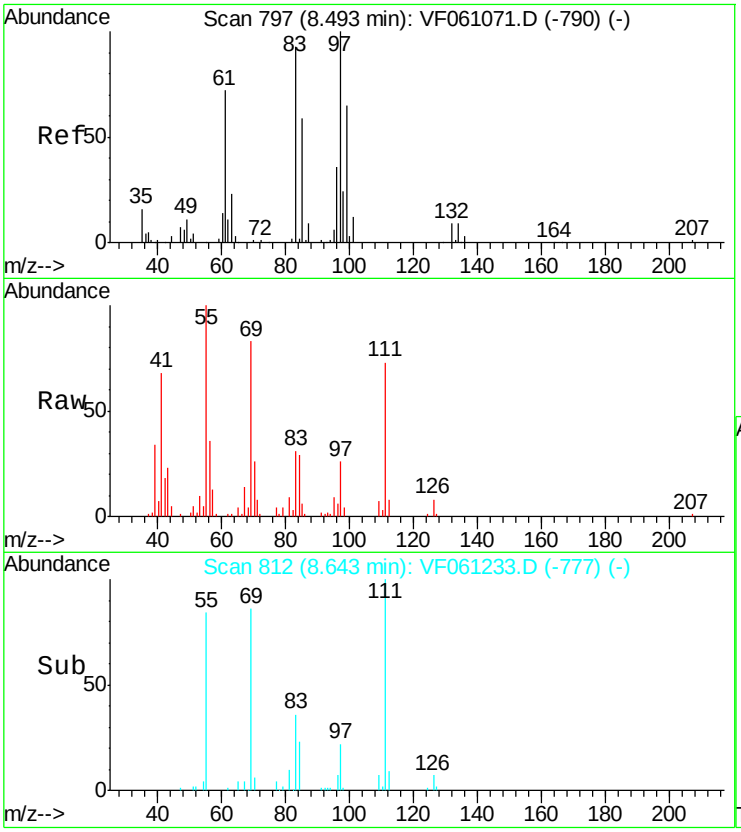


#52
Toluene
Concen: 1.126 ug/l
RT: 7.65 min Scan# 711
Delta R.T. 0.02 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 92 Resp: 7709

Ion	Ratio	Lower	Upper
92	100		
91	163.2	128.8	193.2



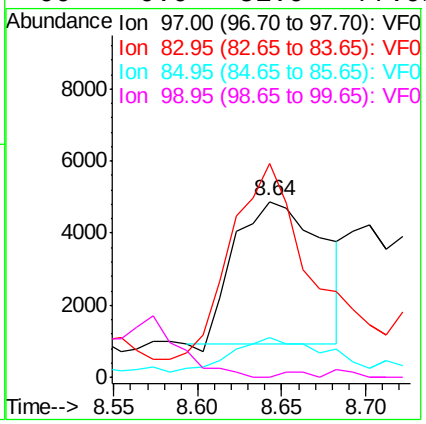


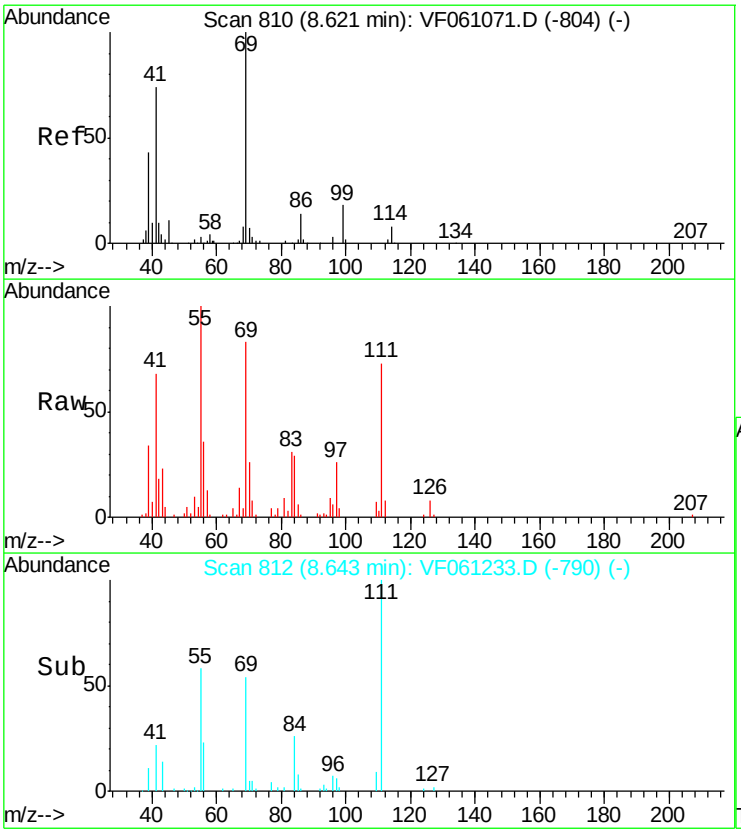
#55
1,1,2-Trichloroethane
Concen: 6.993 ug/l
RT: 8.64 min Scan# 812
Delta R.T. 0.15 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument : MSVOA_F
ClientSampleId : S72-0050

Tgt Ion: 97 Resp: 14359

Ion	Ratio	Lower	Upper
97	100		
83	121.4	75.0	112.4#
85	22.7	47.5	71.3#
99	0.0	51.9	77.9#

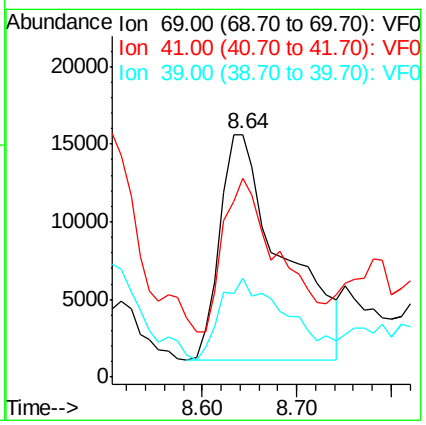


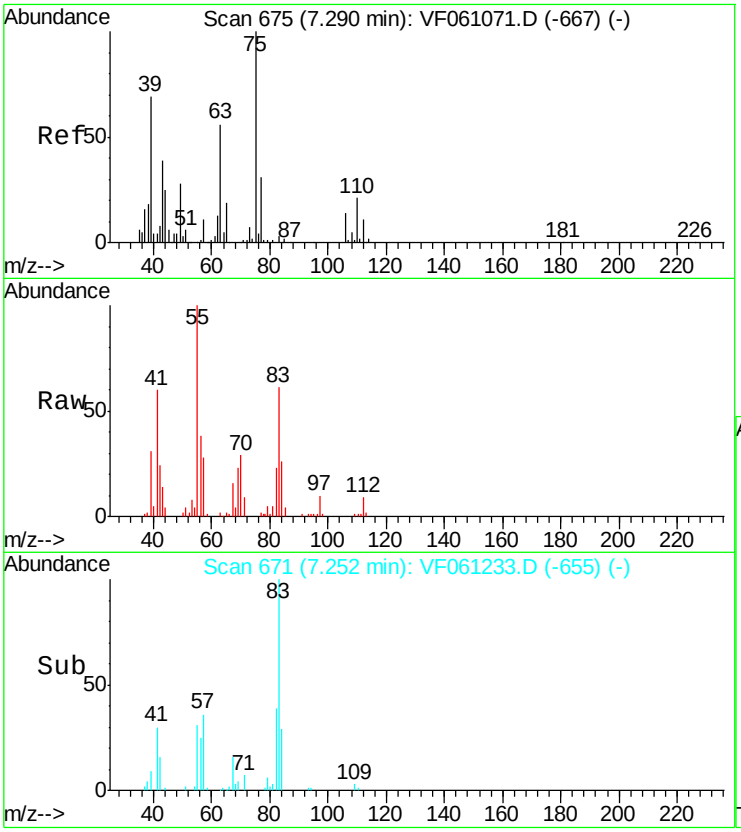


#56
Ethyl methacrylate
Concen: 30.097 ug/l
RT: 8.64 min Scan# 812
Delta R.T. 0.02 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 69 Resp: 66867

Ion	Ratio	Lower	Upper
69	100		
41	81.8	59.7	89.5
39	40.6	35.0	52.6



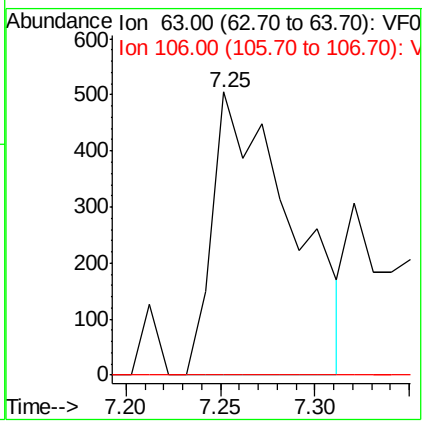


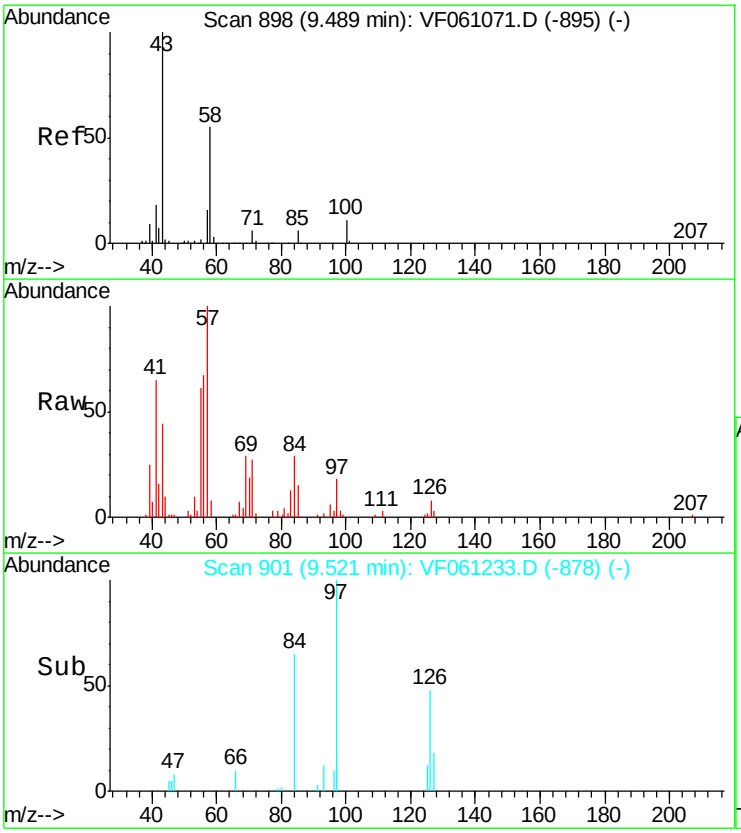
#58
2-Chloroethyl Vinyl ether
Concen: 3.408 ug/l
RT: 7.25 min Scan# 671
Delta R.T. -0.04 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument : MSVOA_F
ClientSampleId : S72-0050

Tgt Ion: 63 Resp: 1454

Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.8	29.8#

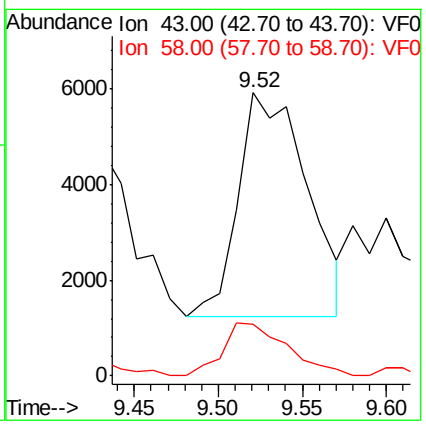


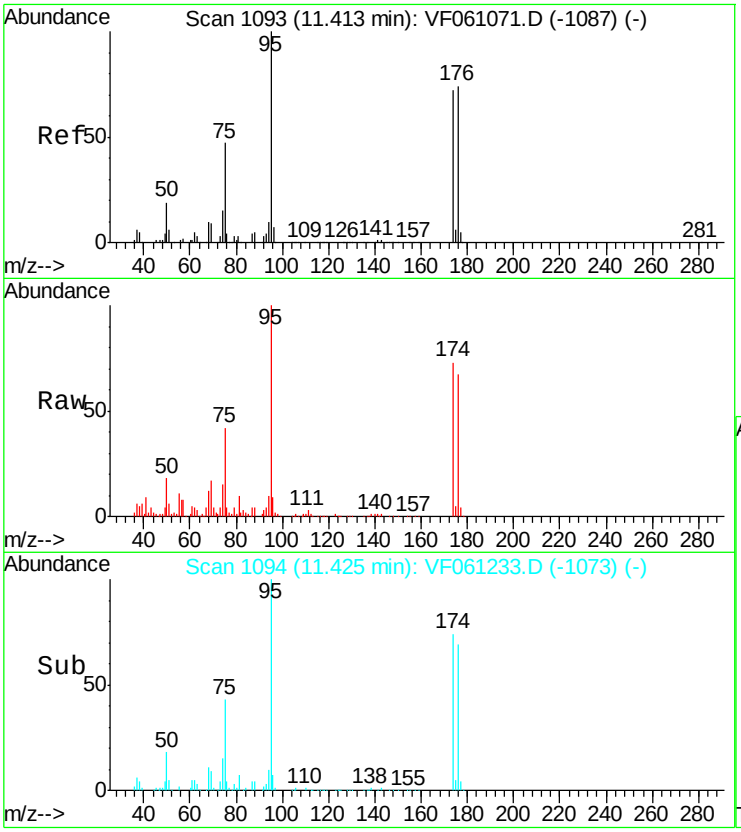


#59
2-Hexanone
Concen: 11.481 ug/l
RT: 9.52 min Scan# 901
Delta R.T. 0.03 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 43 Resp: 13229

Ion	Ratio	Lower	Upper
43	100		
58	18.1	25.1	75.2#



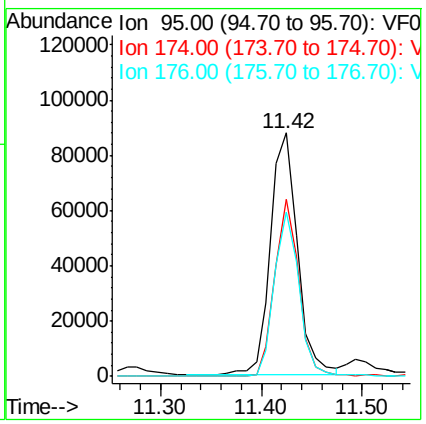


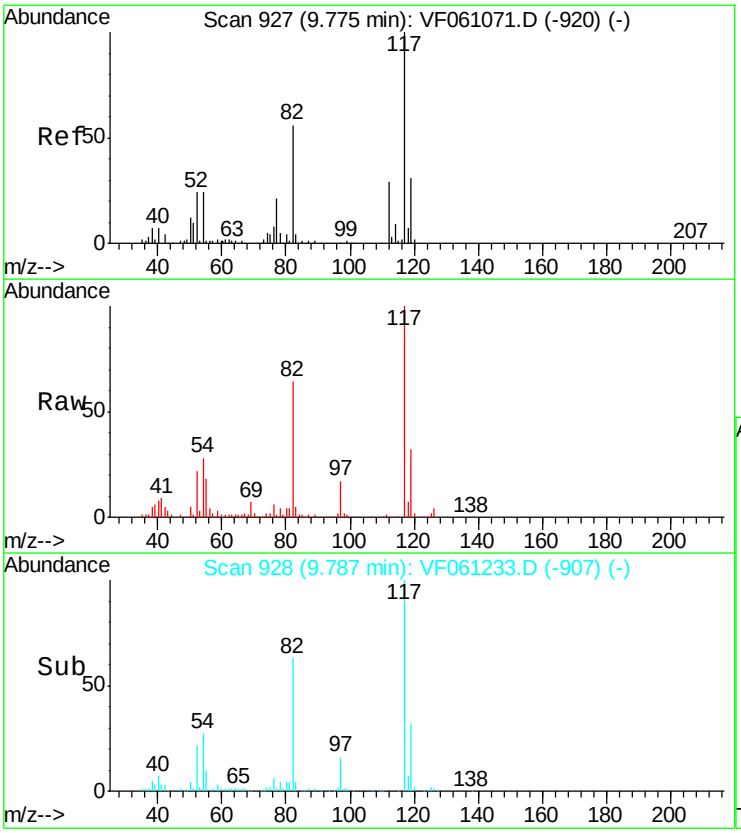
#62
4-Bromofluorobenzene
Concen: 39.116 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument :
MSVOA_F
ClientSampleId :
S72-0050

Tgt Ion: 95 Resp: 163171

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	143.8
176	67.4	0.0	147.6

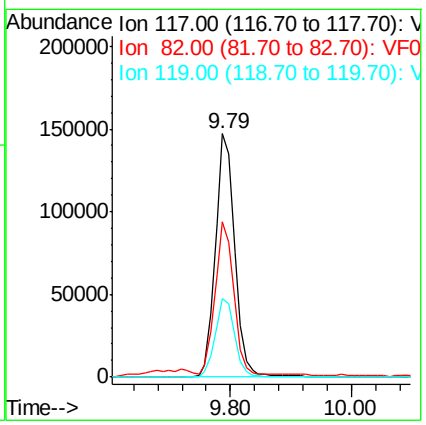


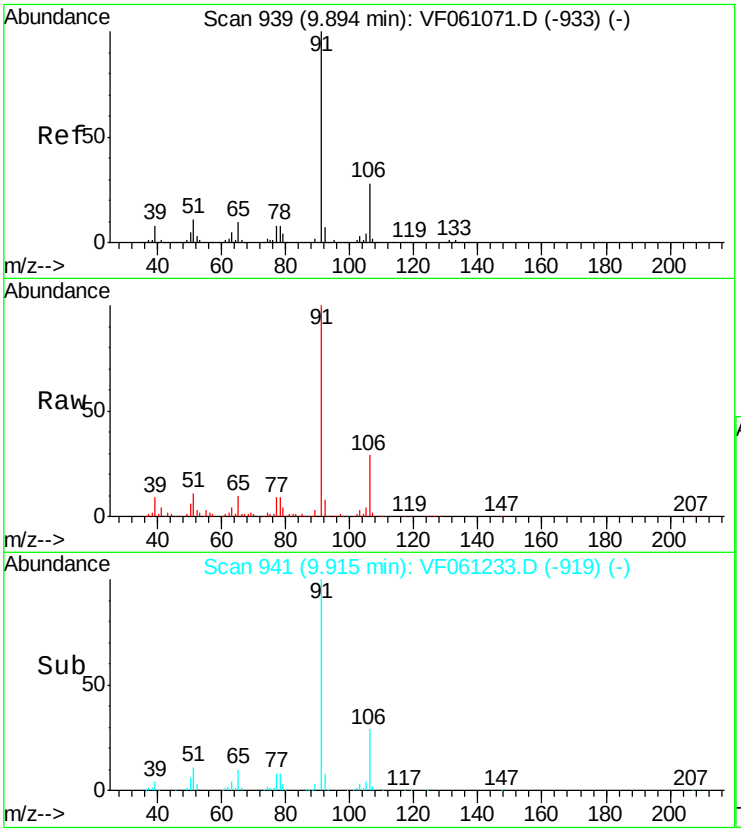


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion:117 Resp: 327934

Ion	Ratio	Lower	Upper
117	100		
82	63.6	45.0	67.4
119	32.0	24.8	37.2



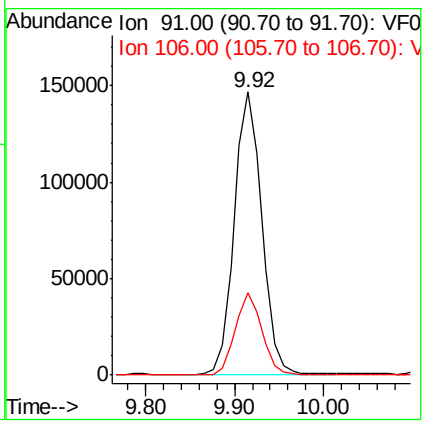


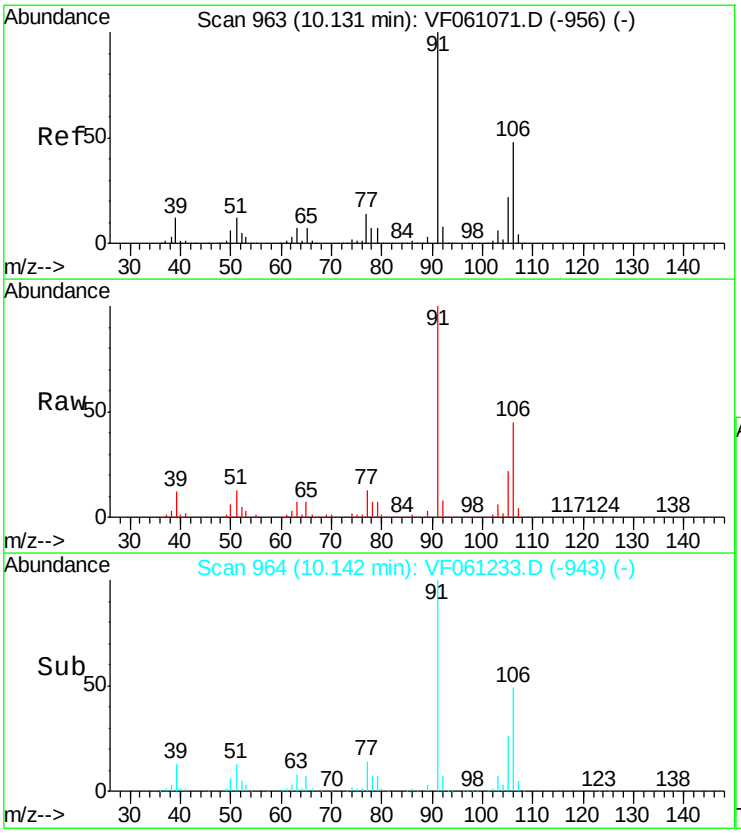
#67
Ethyl Benzene
Concen: 25.738 ug/l
RT: 9.92 min Scan# 941
Delta R.T. 0.02 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument :
MSVOA_F
ClientSampleId :
S72-0050

Tgt Ion: 91 Resp: 317667

Ion	Ratio	Lower	Upper
91	100		
106	29.0	22.5	33.7

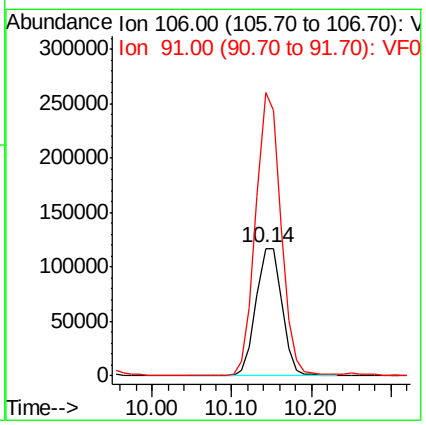


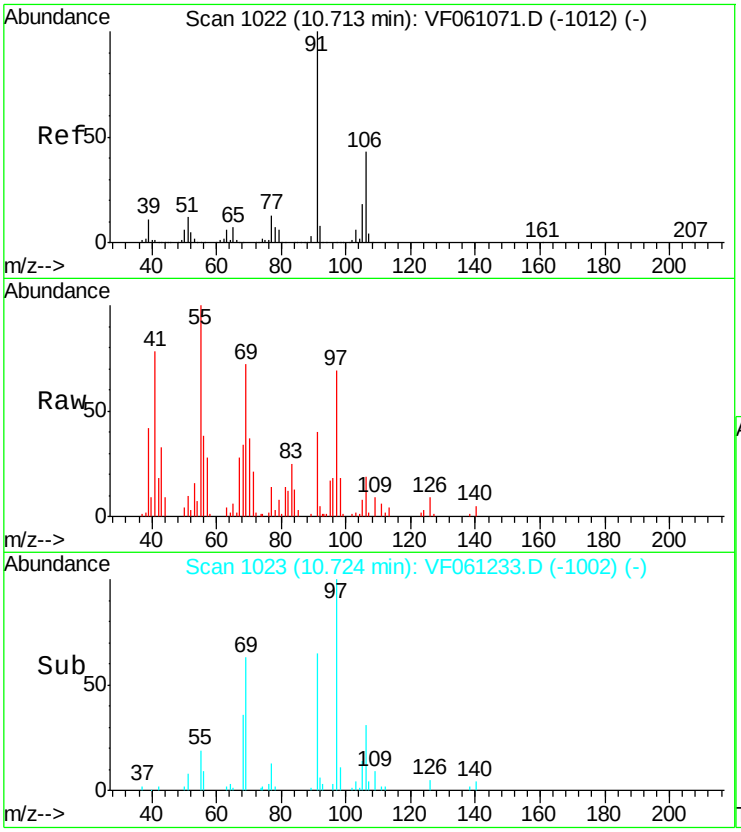


#68
m/p-Xylenes
Concen: 60.923 ug/l
RT: 10.14 min Scan# 964
Delta R.T. 0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion:106 Resp: 264617

Ion	Ratio	Lower	Upper
106	100		
91	221.9	168.2	252.2



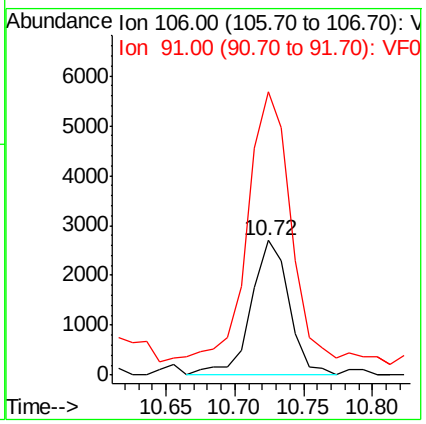


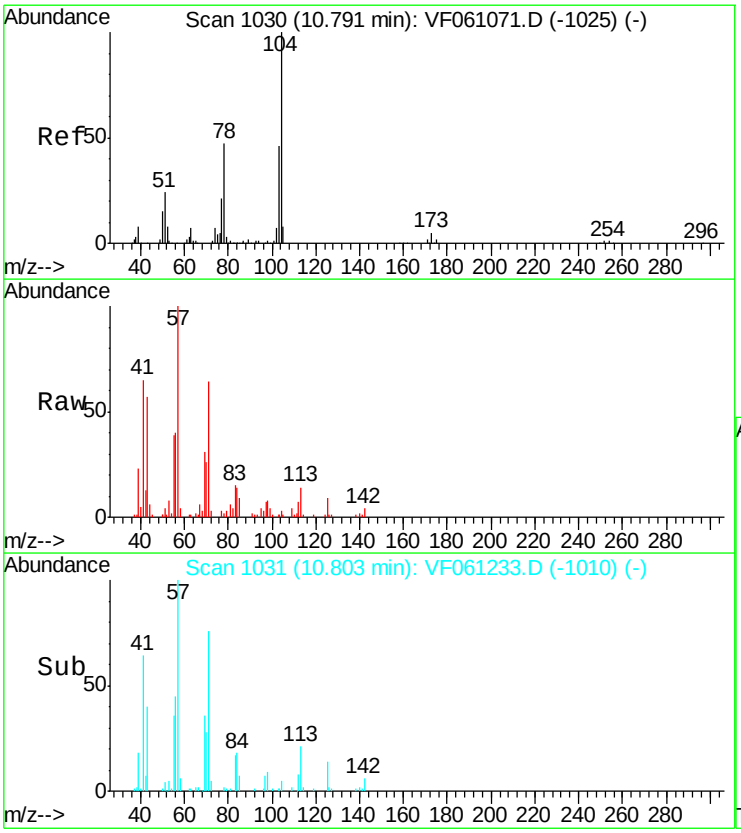
#69
o-Xylene
Concen: 1.088 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. 0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument : MSVOA_F
ClientSampleId : S72-0050

Tgt Ion:106 Resp: 5239

Ion	Ratio	Lower	Upper
106	100		
91	210.0	115.9	347.7

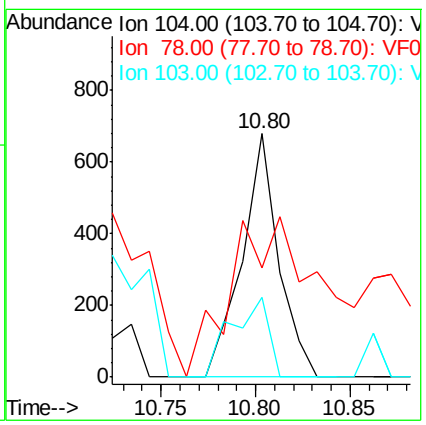


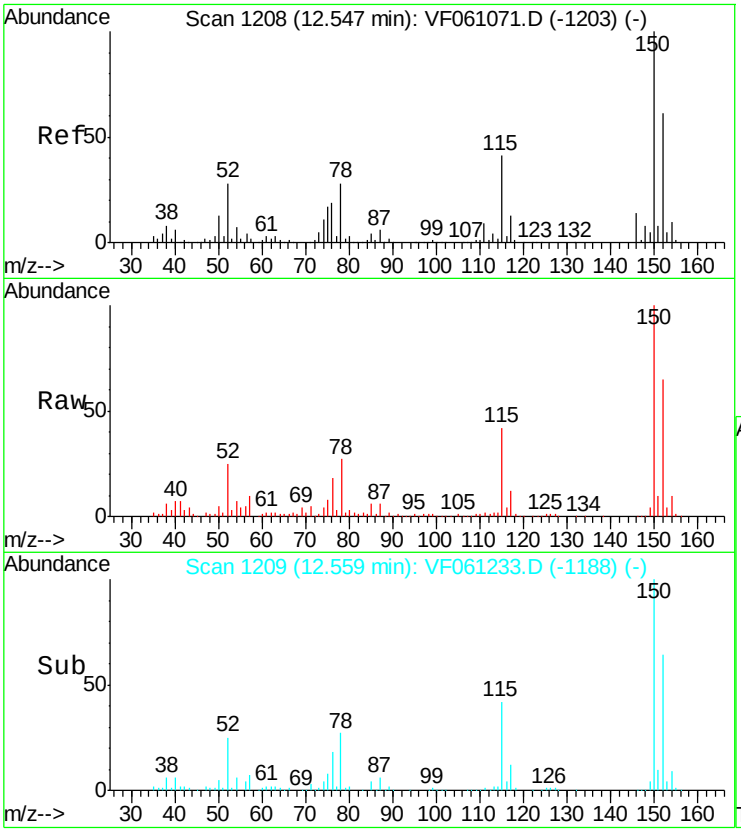


#70
Styrene
Concen: Below Cal
RT: 10.80 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion:104 Resp: 912

Ion	Ratio	Lower	Upper
104	100		
78	45.1	38.4	57.6
103	33.0	37.0	55.6#



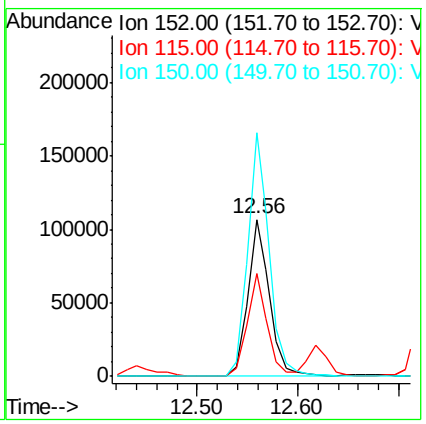


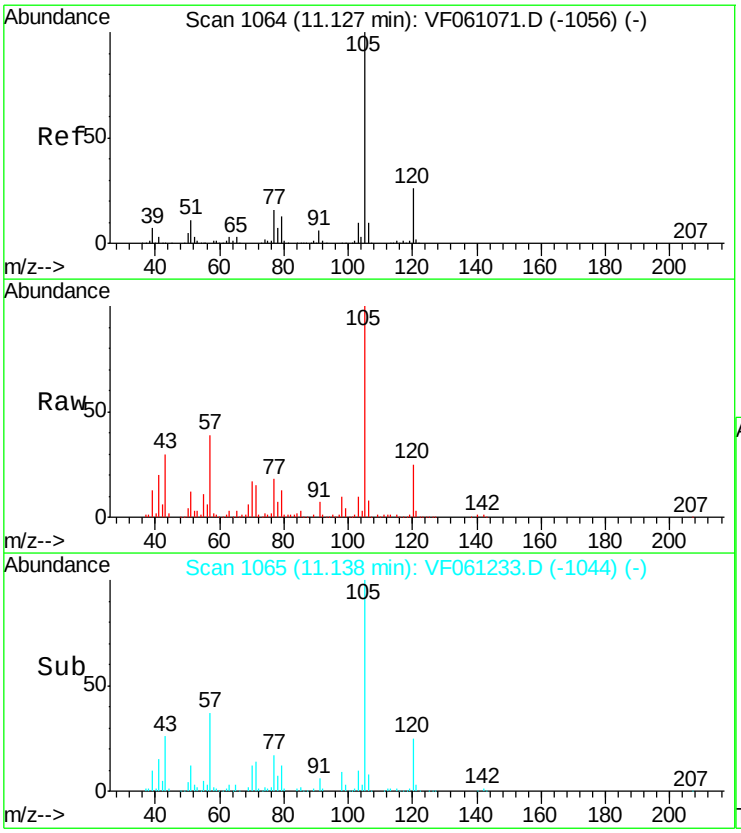
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument :
MSVOA_F
ClientSampleId :
S72-0050

Tgt Ion:152 Resp: 159032

Ion	Ratio	Lower	Upper
152	100		
115	65.5	33.3	99.9
150	155.0	0.0	328.2

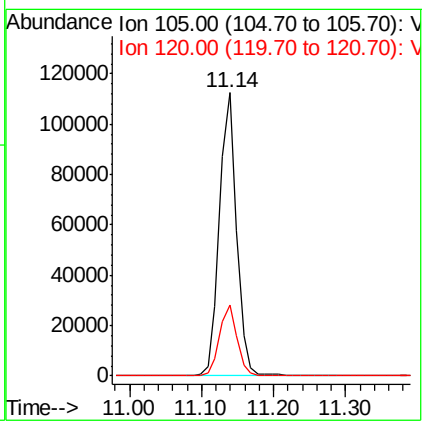


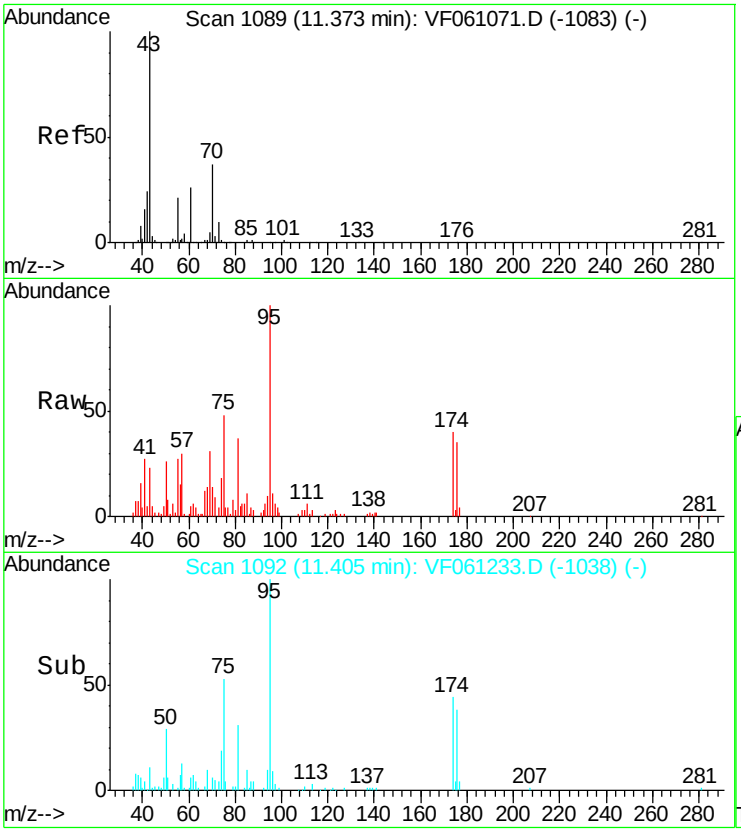


#73
Isopropylbenzene
Concen: 13.532 ug/l
RT: 11.14 min Scan# 1065
Delta R.T. 0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion:105 Resp: 185453

Ion	Ratio	Lower	Upper
105	100		
120	25.1	13.0	39.0



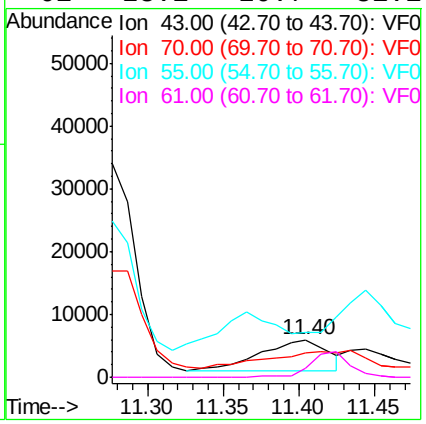


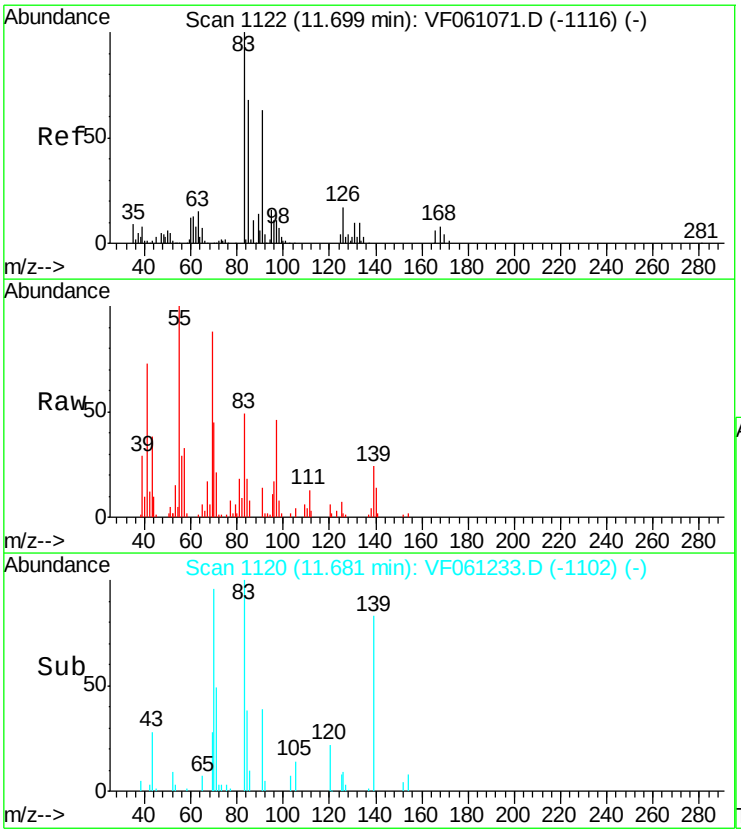
#74
N-amyl acetate
Concen: 4.868 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. 0.03 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument : MSVOA_F
ClientSampleId : S72-0050

Tgt Ion: 43 Resp: 14813

Ion	Ratio	Lower	Upper
43	100		
70	63.1	29.2	43.8#
55	118.3	16.5	24.7#
61	23.1	20.7	31.1

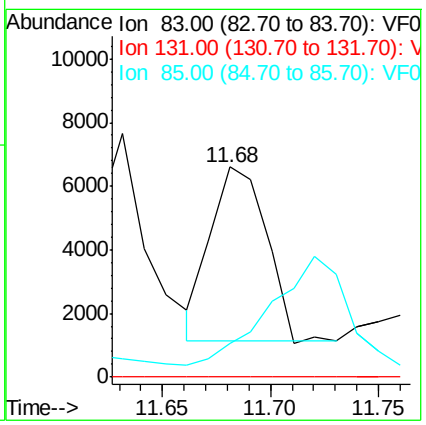


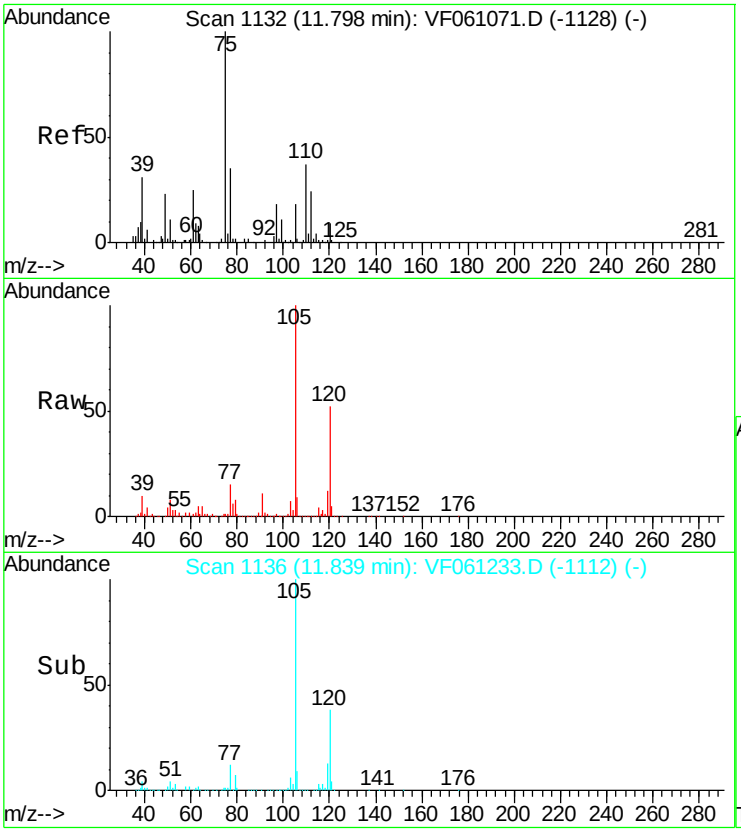


#75
1,1,2,2-Tetrachloroethane
Concen: 4.300 ug/l
RT: 11.68 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 83 Resp: 9780

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	16.0	33.9	101.6#



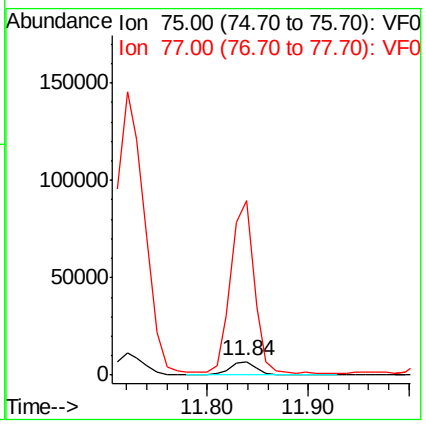


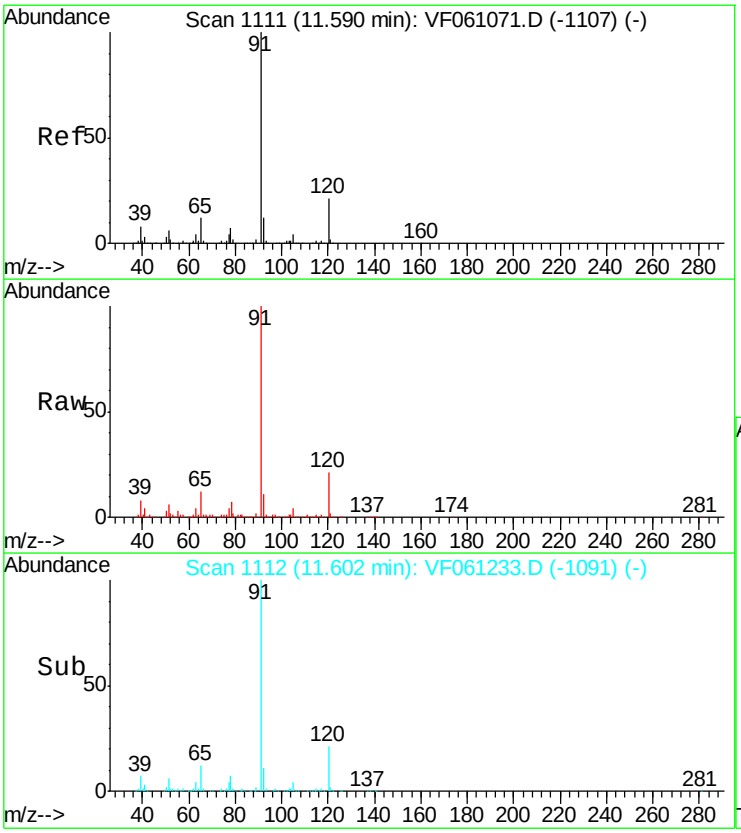
#76
1,2,3-Trichloropropane
Concen: 7.597 ug/l
RT: 11.84 min Scan# 1136
Delta R.T. 0.04 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument : MSVOA_F
ClientSampleId : S72-0050

Tgt Ion: 75 Resp: 12859

Ion	Ratio	Lower	Upper
75	100		
77	1273.9	17.6	52.9#

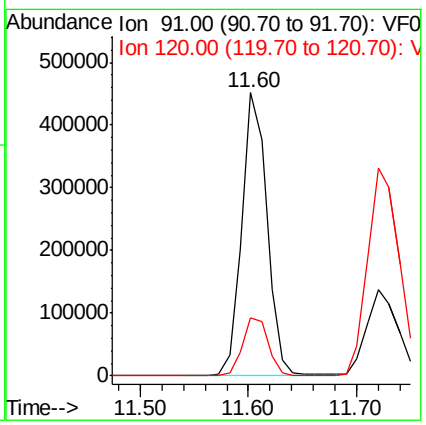


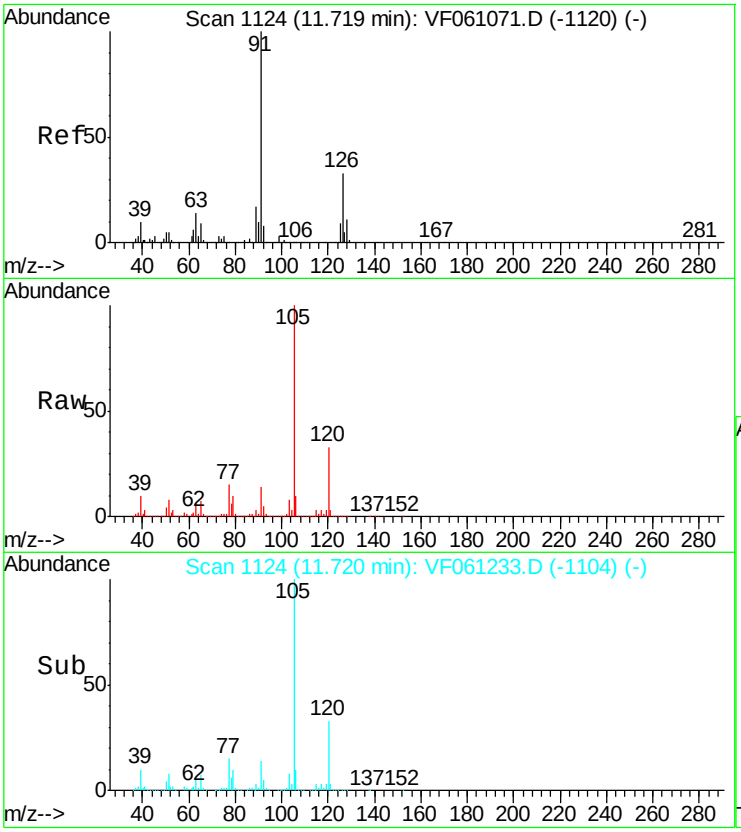


#78
n-propylbenzene
Concen: 45.719 ug/l
RT: 11.60 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 91 Resp: 734241

Ion	Ratio	Lower	Upper
91	100		
120	20.7	10.4	31.2



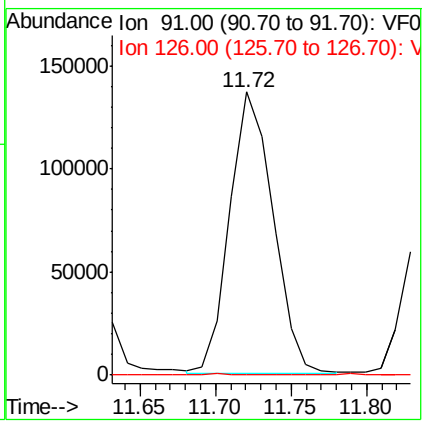


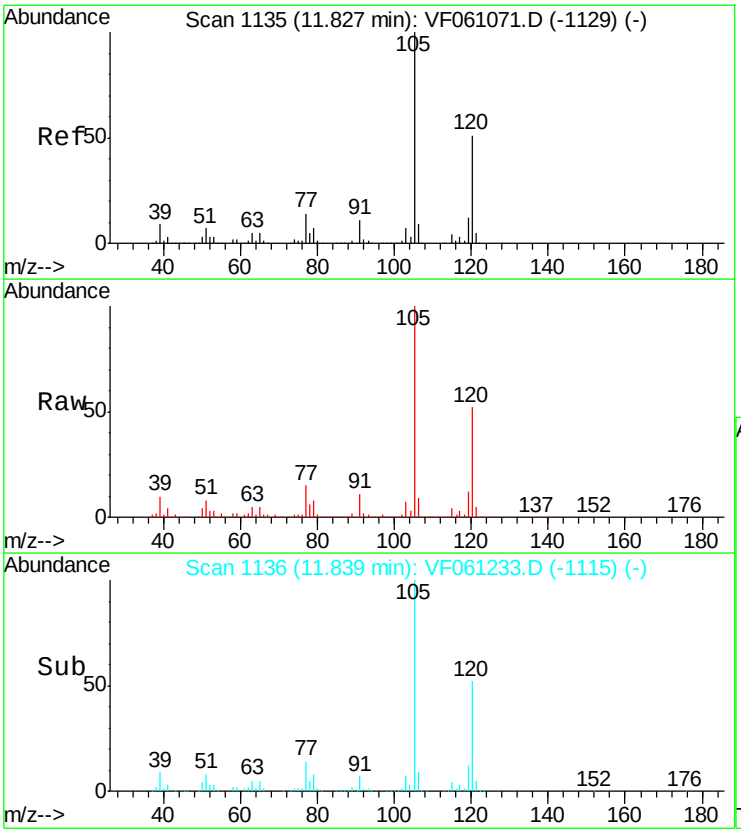
#79
2-Chlorotoluene
Concen: 29.015 ug/l
RT: 11.72 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument : MSVOA_F
ClientSampleId : S72-0050

Tgt Ion: 91 Resp: 272778

Ion	Ratio	Lower	Upper
91	100		
126	0.1	16.4	49.1#

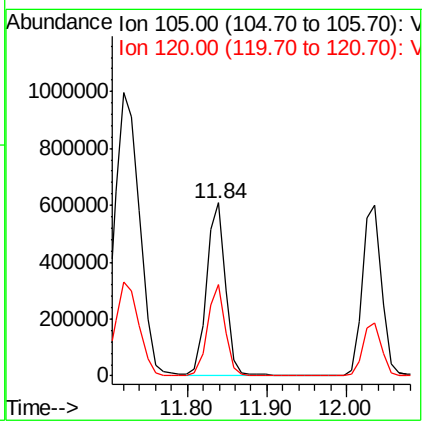


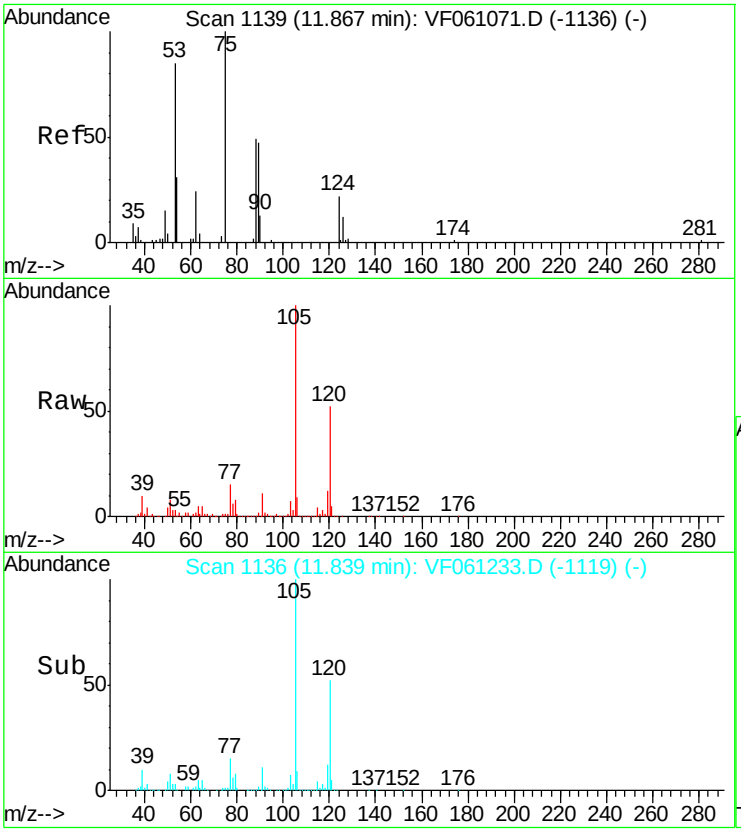


#80
1,3,5-Trimethylbenzene
Concen: 89.140 ug/l
RT: 11.84 min Scan# 1136
Delta R.T. 0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion:105 Resp: 1005917

Ion	Ratio	Lower	Upper
105	100		
120	52.5	25.4	76.4



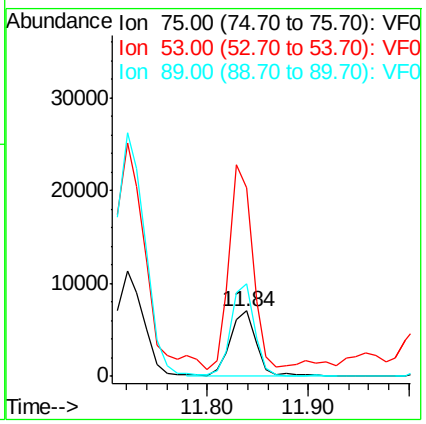


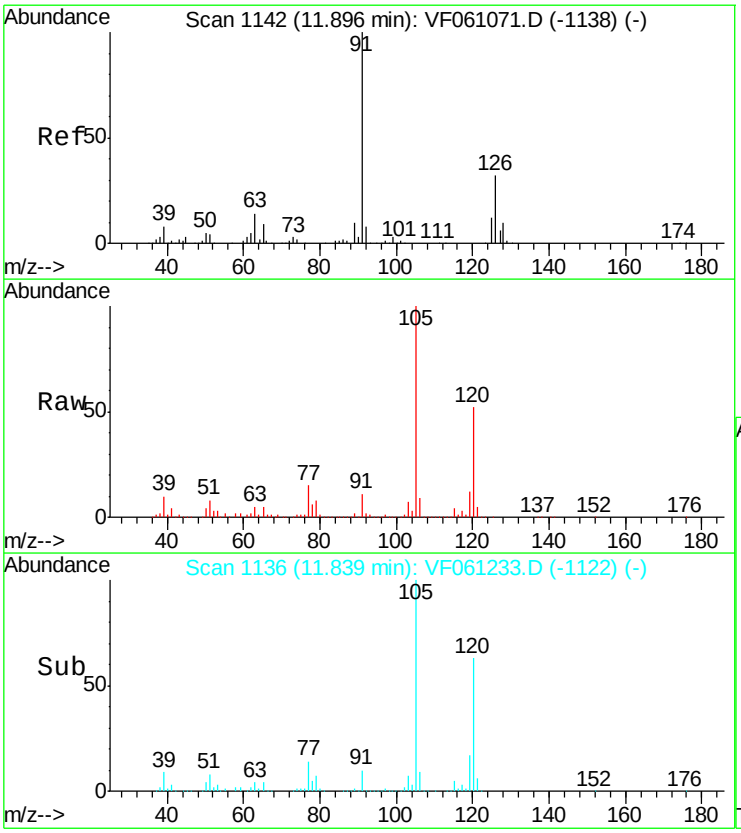
#81
trans-1,4-Dichloro-2-butene
Concen: 17.679 ug/l
RT: 11.84 min Scan# 1136
Delta R.T. -0.03 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument :
MSVOA_F
ClientSampleId :
S72-0050

Tgt Ion: 75 Resp: 12859

Ion	Ratio	Lower	Upper
75	100		
53	289.2	74.1	111.1#
89	142.0	42.6	64.0#

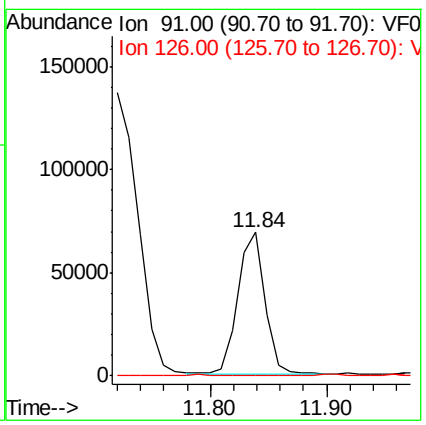


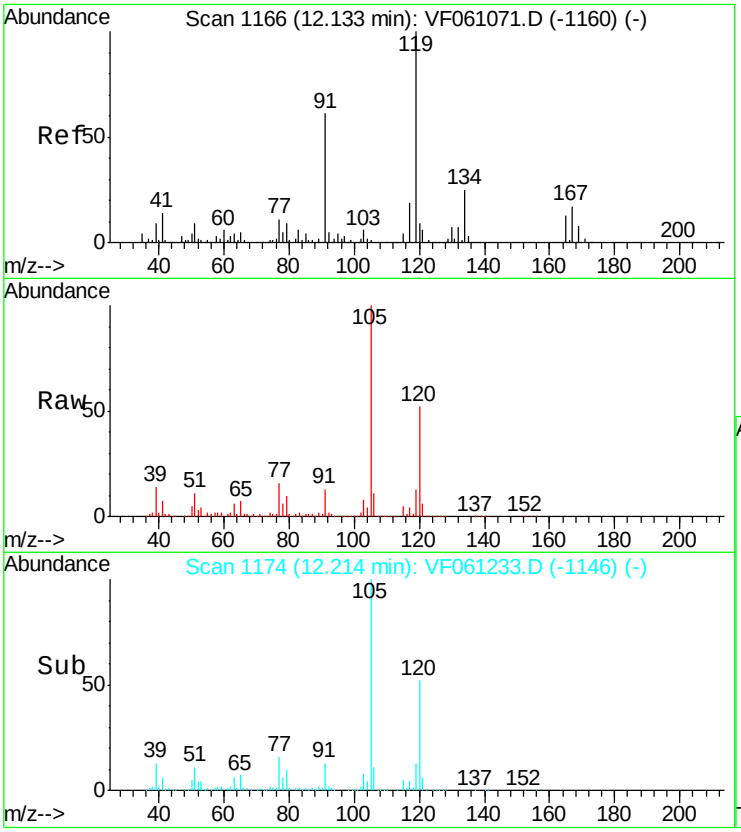


#82
4-Chlorotoluene
Concen: 11.224 ug/l
RT: 11.84 min Scan# 1136
Delta R.T. -0.06 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 91 Resp: 109154

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.0	47.9#



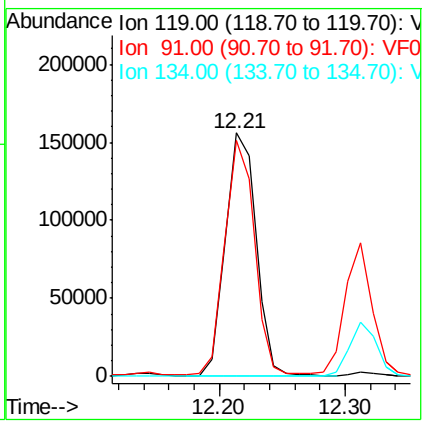


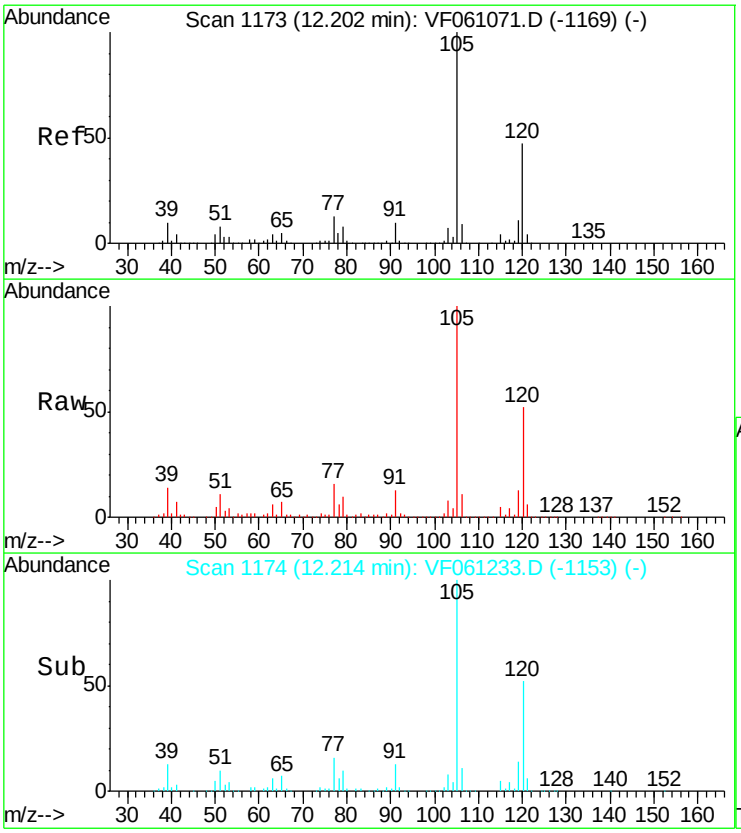
#83
tert-Butylbenzene
Concen: 22.648 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. 0.08 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument :
MSVOA_F
ClientSampleId :
S72-0050

Tgt Ion:119 Resp: 262990

Ion	Ratio	Lower	Upper
119	100		
91	96.8	30.5	91.5#
134	0.0	12.4	37.4#

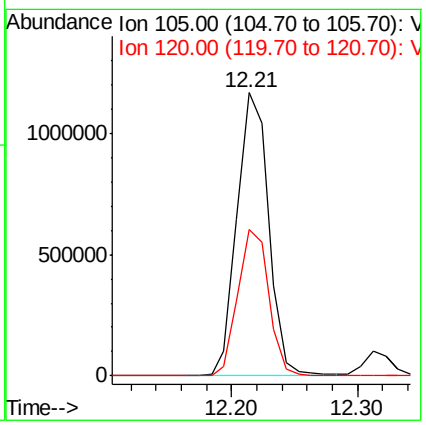


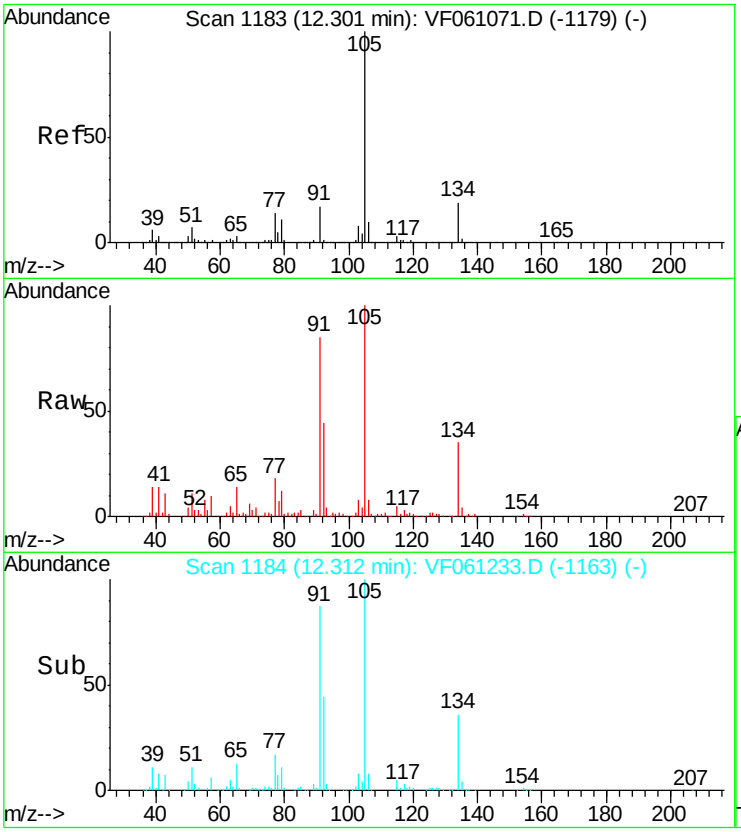


#84
1,2,4-Trimethylbenzene
Concen: 179.649 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. 0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion:105 Resp: 2021638

Ion	Ratio	Lower	Upper
105	100		
120	51.9	23.6	71.0



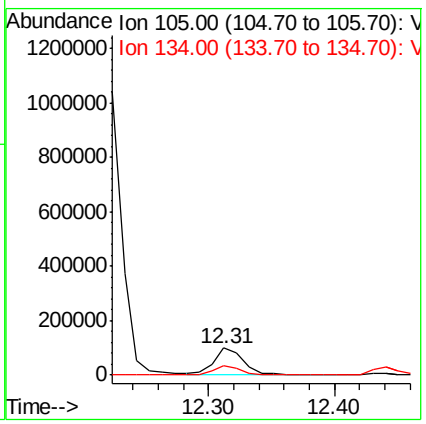


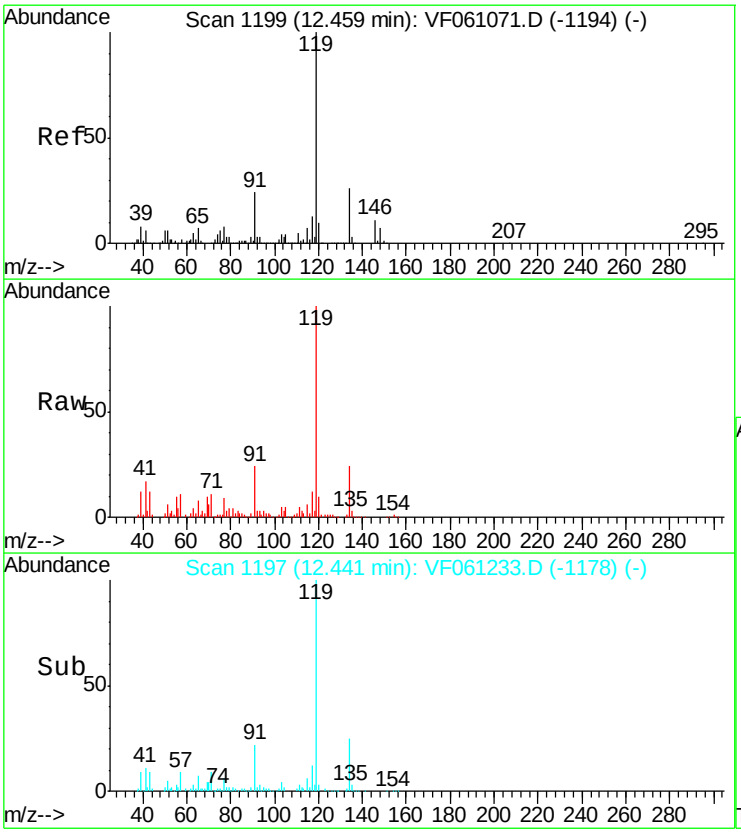
#85
sec-Butylbenzene
Concen: 10.256 ug/l
RT: 12.31 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument :
MSVOA_F
ClientSampleId :
S72-0050

Tgt Ion:105 Resp: 155417

Ion	Ratio	Lower	Upper
105	100		
134	34.7	9.4	28.2#

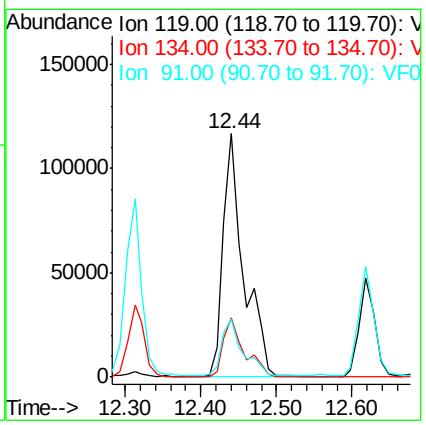


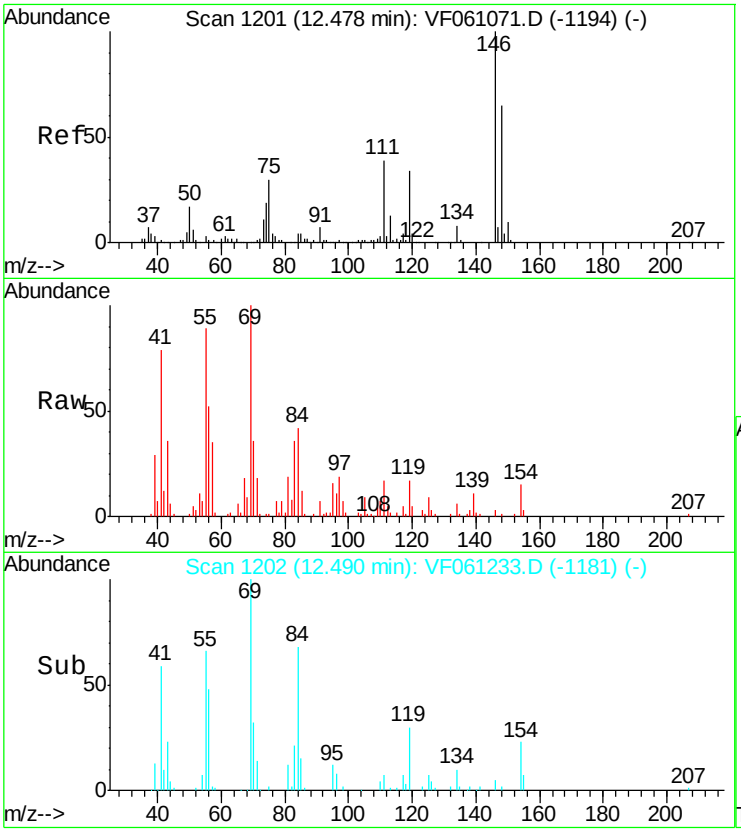


#86
p-Isopropyltoluene
Concen: 17.547 ug/l
RT: 12.44 min Scan# 1197
Delta R.T. -0.02 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion:119 Resp: 220722

Ion	Ratio	Lower	Upper
119	100		
134	24.4	12.8	38.4
91	24.0	12.2	36.6



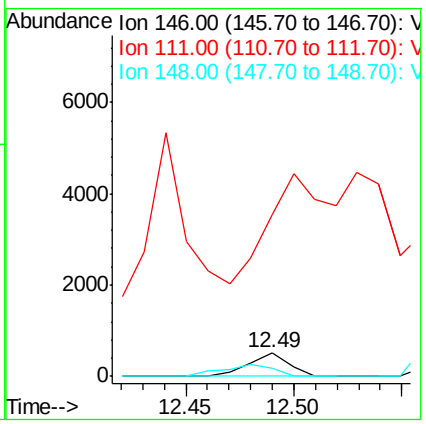


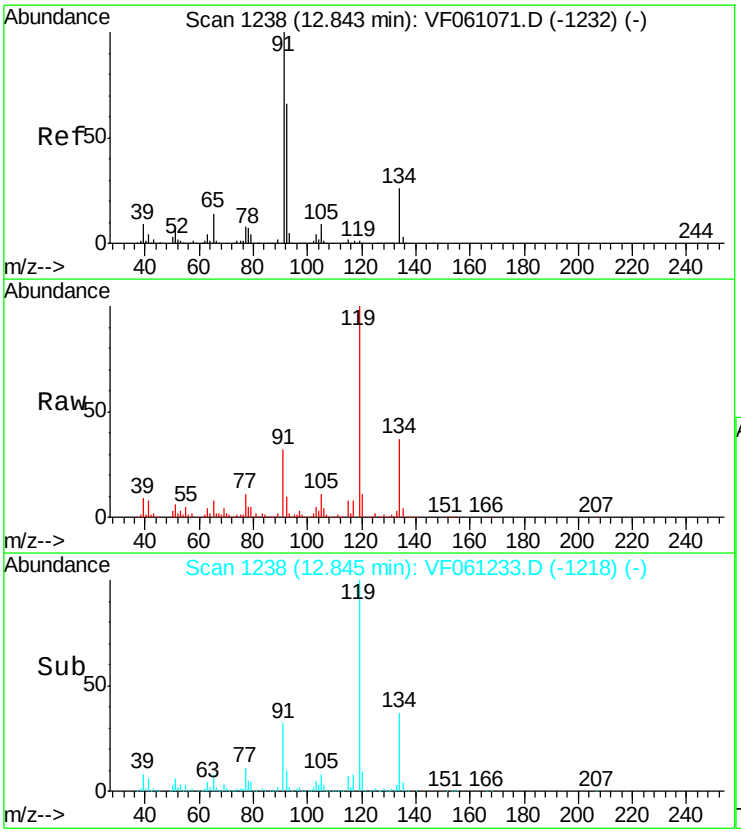
#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.49 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument : MSVOA_F
ClientSampleId : S72-0050

Tgt Ion:146 Resp: 672

Ion	Ratio	Lower	Upper
146	100		
111	678.5	19.3	57.9#
148	33.2	32.4	97.2

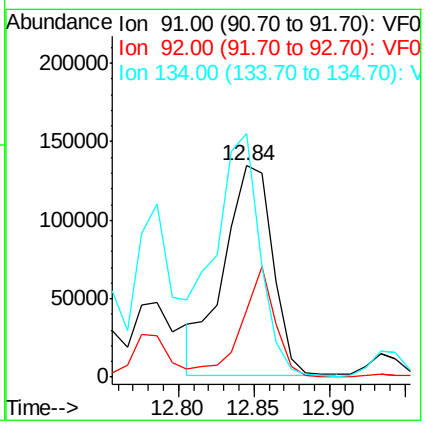


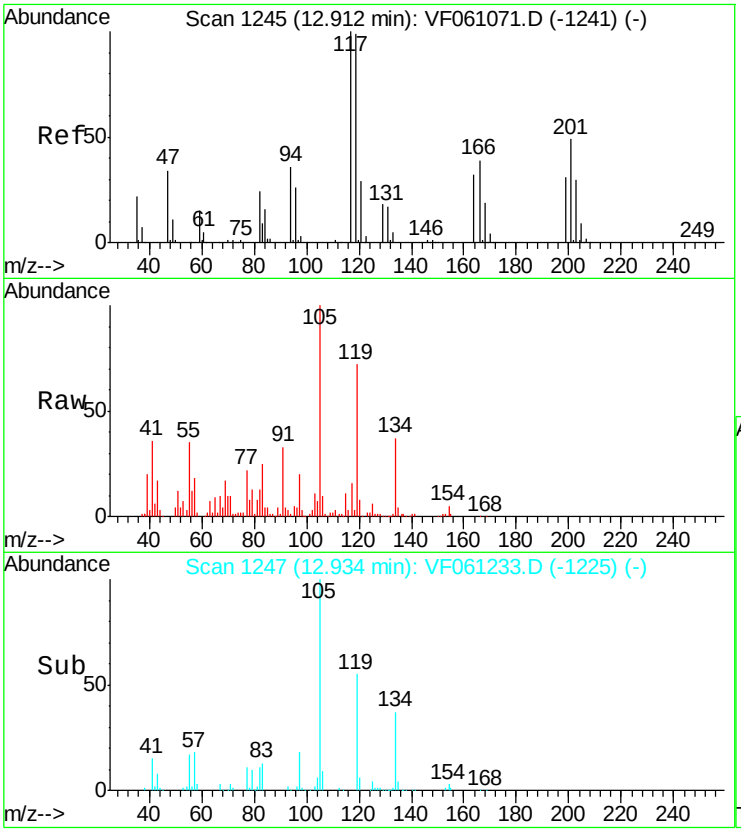


#89
n-Butylbenzene
Concen: 20.959 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. 0.00 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 91 Resp: 301127

Ion	Ratio	Lower	Upper
91	100		
92	31.4	32.8	98.4#
134	115.1	13.2	39.5#



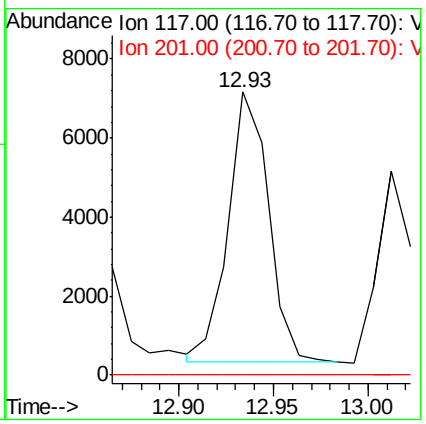


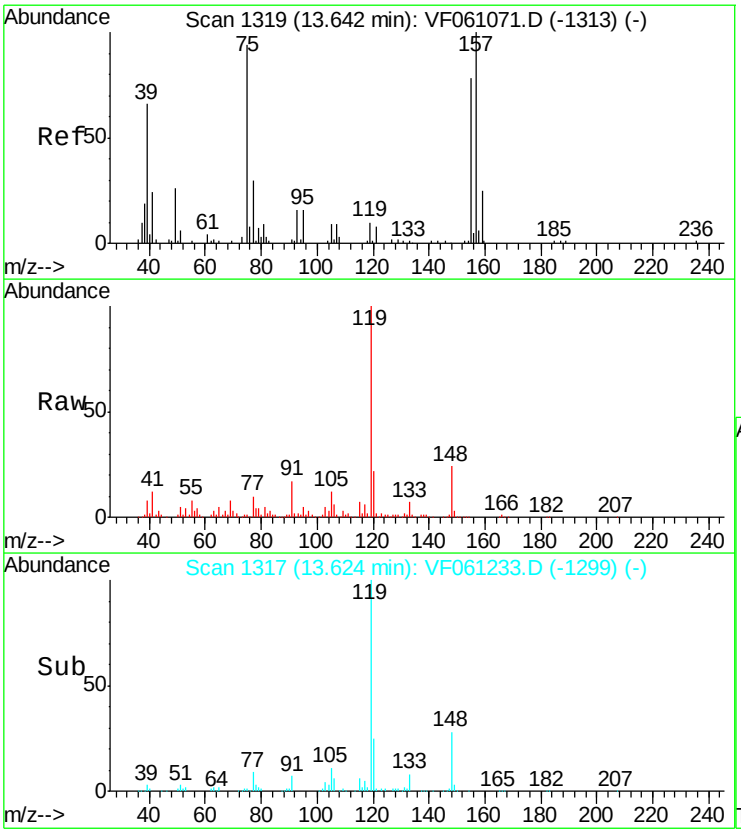
#90
Hexachloroethane
Concen: 3.230 ug/l
RT: 12.93 min Scan# 1247
Delta R.T. 0.02 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument : MSVOA_F
ClientSampleId : S72-0050

Tgt Ion:117 Resp: 10038

Ion	Ratio	Lower	Upper
117	100		
201	0.0	24.9	74.8#

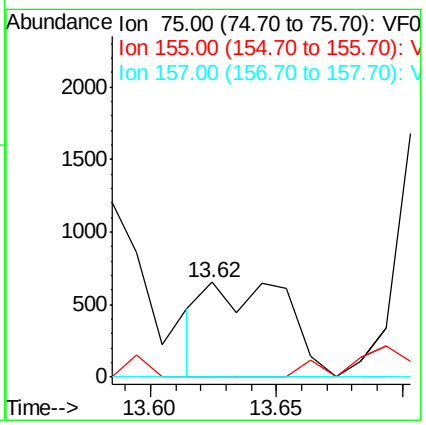


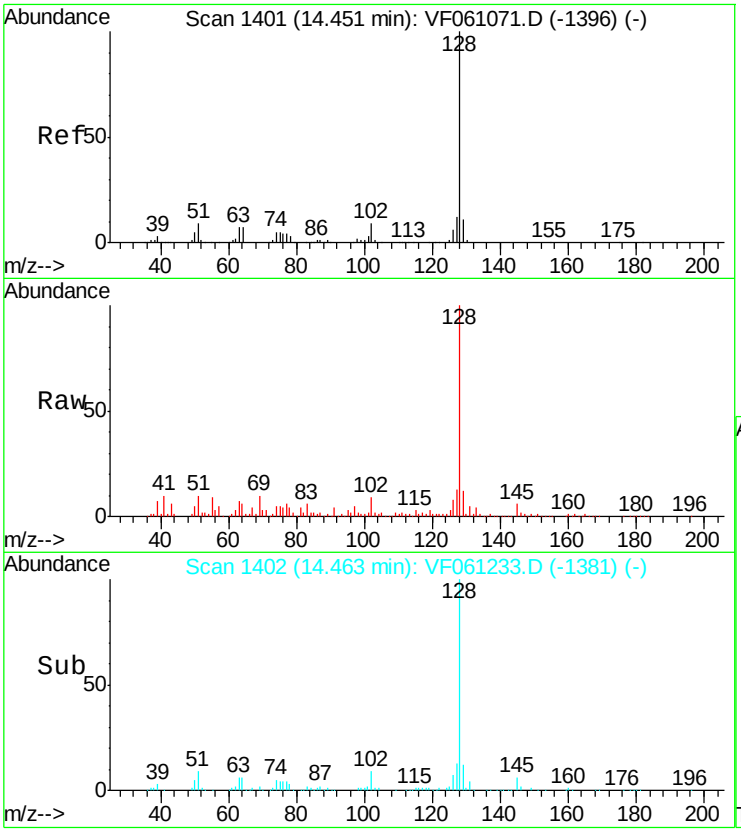


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.541 ug/l
RT: 13.62 min Scan# 1317
Delta R.T. -0.02 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Tgt Ion: 75 Resp: 1478

Ion	Ratio	Lower	Upper
75	100		
155	0.0	41.5	124.5#
157	0.0	53.2	159.6#





#95
Naphthalene
Concen: 38.719 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. 0.01 min
Lab File: VF061233.D
Acq: 28 Dec 2018 13:53

Instrument :
MSVOA_F
ClientSampleId :
S72-0050

Tgt Ion:128 Resp: 264452

Ion	Ratio	Lower	Upper
128	100		
127	12.9	9.4	14.2
129	11.9	8.8	13.2