Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122418\
Data File : VF061171.D
Acq On : 24 Dec 2018 18:05
Operator : VA/AP
Sample : J6389-08RE
Misc : 5.10g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 24 23:48:51 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	40104	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.60	114	68674	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.78	117	40228	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	14080	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.85	65	23940	46.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.82%				
35) Dibromofluoromethane	4.12	113	25339	46.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.12%				
50) Toluene-d8	7.57	98	58744	37.68	ug/l		0.02
Spiked Amount 50.000			Recovery = 75.36%				
62) 4-Bromofluorobenzene	11.42	95	22365	31.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 62.24%				
Target Compounds							Qvalue
11) Tert butyl alcohol	2.58	59	176	8.455	ug/l	#	1
13) Acrolein	2.00	56	19310	1283.847	ug/l	#	32
14) Allyl chloride	2.18	41	302907	823.361	ug/l	#	26
15) Acrylonitrile	2.93	53	37216	773.204	ug/l	#	45
16) Acetone	2.23	43	176925	1715.796	ug/l		94
18) Methyl Acetate	2.37	43	390132	1828.714	ug/l	#	66
20) Methylene Chloride	2.18	84	4809	11.100	ug/l	#	1
23) Vinyl Acetate	3.16	43	3884	6.870	ug/l	#	78
25) 2-Butanone	4.35	43	30809	184.228	ug/l		96
27) cis-1,2-Dichloroethene	3.48	96	50299	86.895	ug/l		92
29) Tetrahydrofuran	4.00	42	10553	155.041	ug/l	#	1
31) Cyclohexane	3.69	56	48625	64.539	ug/l		91
32) 1,1,1-Trichloroethane	4.08	97	1220	1.870	ug/l	#	80
37) Ethyl Acetate	4.01	43	66259	Below Cal		#	10
39) Methylcyclohexane	5.46	83	146458	196.939	ug/l		99
40) Benzene	4.63	78	16310	9.149	ug/l		100
41) Methacrylonitrile	4.68	41	67873	387.704	ug/l	#	50
43) Isopropyl Acetate	7.03	43	8385	20.949	ug/l	#	45
44) Trichloroethene	5.51	130	9457	16.827	ug/l		93
48) Methyl methacrylate	6.82	41	54560	195.261	ug/l	#	47
51) 4-Methyl-2-Pentanone	8.29	43	38406	139.911	ug/l	#	45
52) Toluene	7.69	92	11706395	9920.508	ug/l	#	63
55) 1,1,2-Trichloroethane	8.39	97	6368	18.001	ug/l	#	50
56) Ethyl methacrylate	8.63	69	37616	98.269	ug/l	#	82
58) 2-Chloroethyl Vinyl ether	7.32	63	79	1.075	ug/l	#	50
59) 2-Hexanone	9.64	43	2220	11.183	ug/l		64
64) Tetrachloroethene	8.16	164	29362	94.883	ug/l		97
65) Chlorobenzene	9.81	112	24440	29.408	ug/l		98
67) Ethyl Benzene	9.91	91	3405951	2249.596	ug/l	#	89
68) m/p-Xylenes	10.19	106	6106976	11461.580	ug/l	#	64
69) o-Xylene	10.74	106	2517525	4260.222	ug/l	#	1
70) Styrene	10.80	104	22858	29.767	ug/l	#	86
73) Isopropylbenzene	11.13	105	112274	92.532	ug/l		100
74) N-amyl acetate	11.40	43	6129	22.752	ug/l	#	52

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
Data File : VF061171.D
Acq On : 24 Dec 2018 18:05
Operator : VA/AP
Sample : J6389-08RE
Misc : 5.10g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 24 23:48:51 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)
75) 1,1,2,2-Tetrachloroethane	11.68	83	12337	61.263 ug/l	#	64
76) 1,2,3-Trichloropropane	11.82	75	2154	14.373 ug/l	#	1
78) n-propylbenzene	11.60	91	109414	97.305 ug/l		97
79) 2-Chlorotoluene	11.71	91	56326	67.670 ug/l	#	42
80) 1,3,5-Trimethylbenzene	11.82	105	213700	213.892 ug/l		95
81) trans-1,4-Dichloro-2-buten	11.82	75	2154	33.448 ug/l	#	1
82) 4-Chlorotoluene	11.82	91	23652	27.469 ug/l	#	43
83) tert-Butylbenzene	12.14	119	3309	3.219 ug/l	#	19
84) 1,2,4-Trimethylbenzene	12.21	105	496095	497.929 ug/l		99
85) sec-Butylbenzene	12.31	105	19353	14.424 ug/l	#	62
86) p-Isopropyltoluene	12.43	119	78329	70.335 ug/l		96
87) 1,3-Dichlorobenzene	12.47	146	690	Below Cal	#	1
88) 1,4-Dichlorobenzene	12.56	146	8824	18.398 ug/l	#	74
89) n-Butylbenzene	12.84	91	35508	28.752 ug/l	#	40
90) Hexachloroethane	12.93	117	913	3.318 ug/l	#	27
91) 1,2-Dichlorobenzene	12.94	146	6760	14.477 ug/l	#	68
92) 1,2-Dibromo-3-Chloropropan	13.65	75	588	15.912 ug/l	#	2
93) 1,2,4-Trichlorobenzene	14.20	180	59541	179.799 ug/l		92
95) Naphthalene	14.46	128	164949	272.779 ug/l	#	94
96) 1,2,3-Trichlorobenzene	14.60	180	18614	60.803 ug/l		97

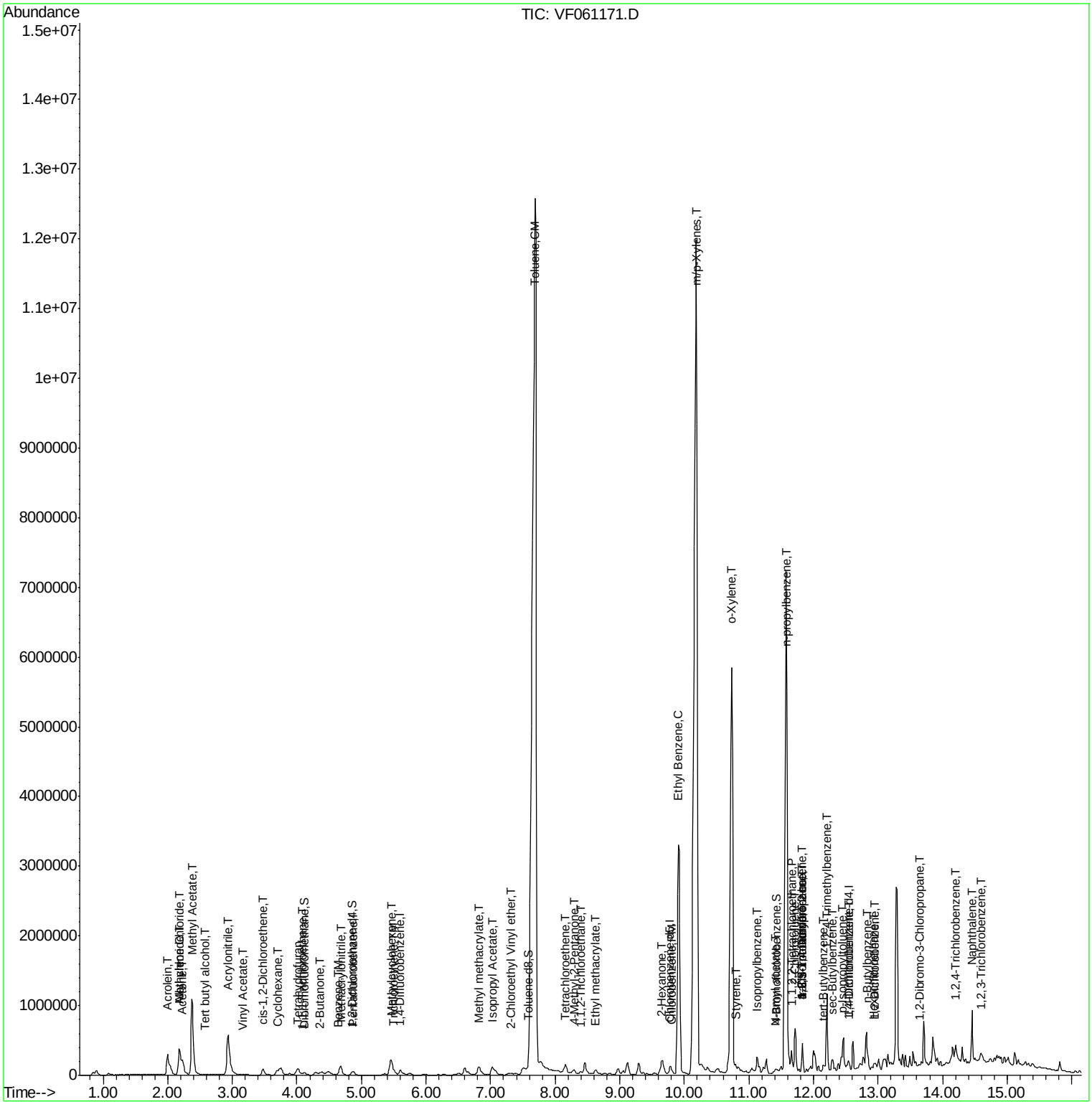
(#) = qualifier out of range (m) = manual integration (+) = signals summed

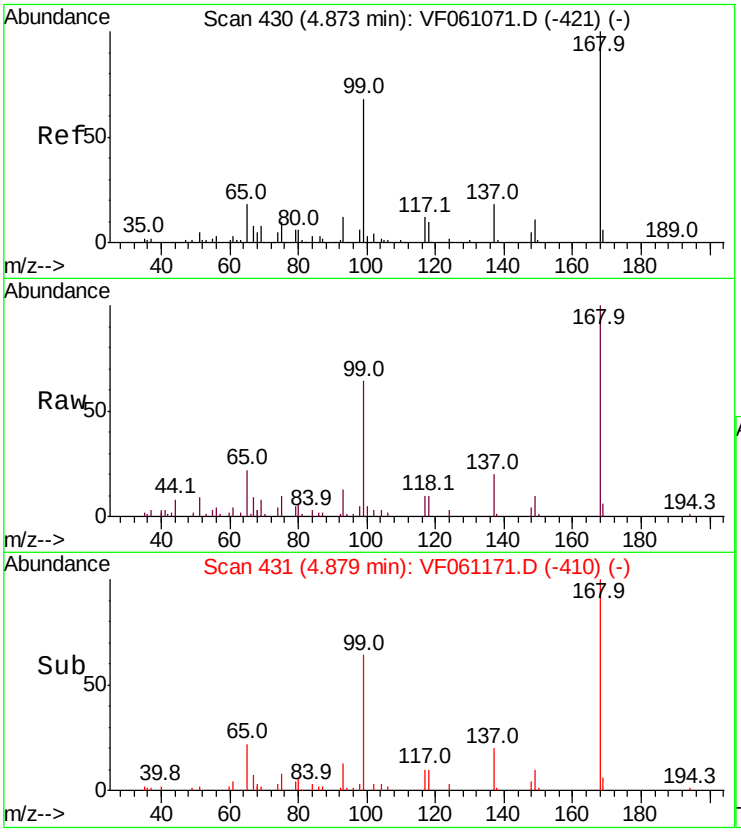
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
Data File : VF061171.D
Acq On : 24 Dec 2018 18:05
Operator : VA/AP
Sample : J6389-08RE
Misc : 5.10g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 24 23:48:51 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



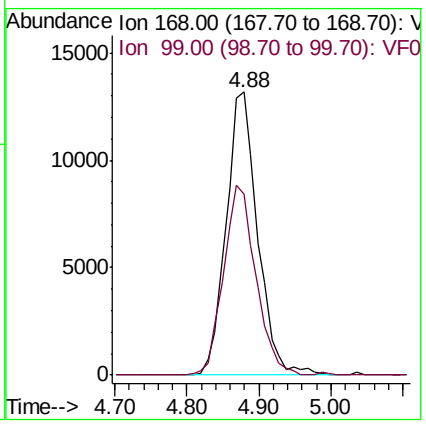


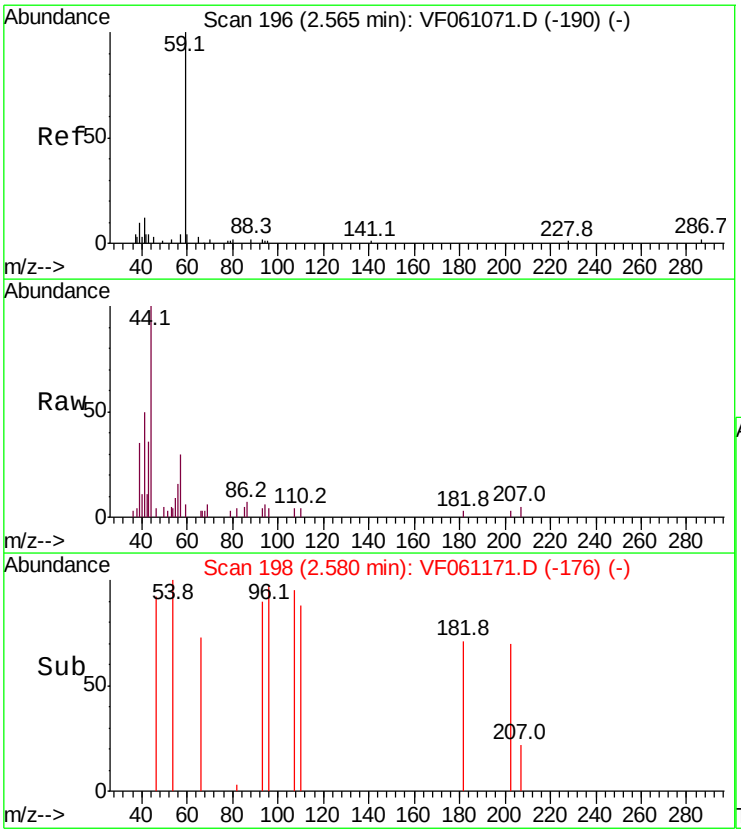
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 40104

Ion	Ratio	Lower	Upper
168	100		
99	63.9	54.4	81.6

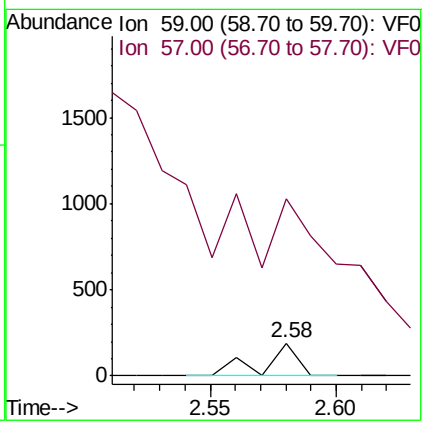


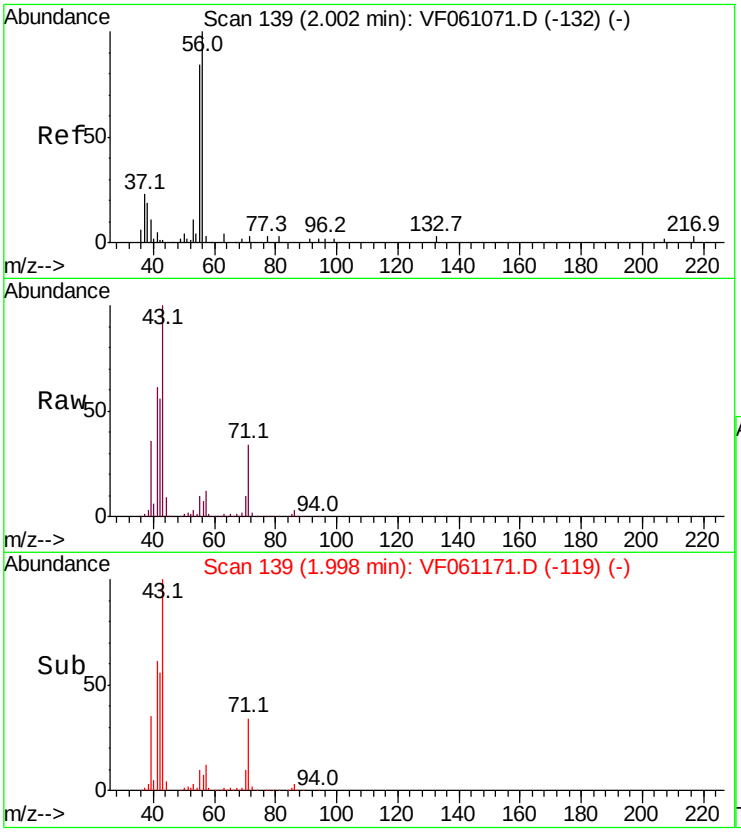


#11
Tert butyl alcohol
Concen: 8.455 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.02 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 59 Resp: 176

Ion	Ratio	Lower	Upper
59	100		
57	537.0	11.5	17.3#



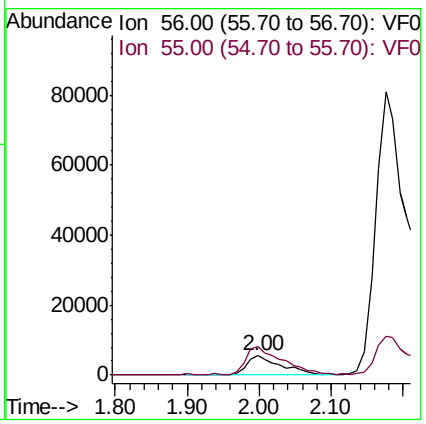


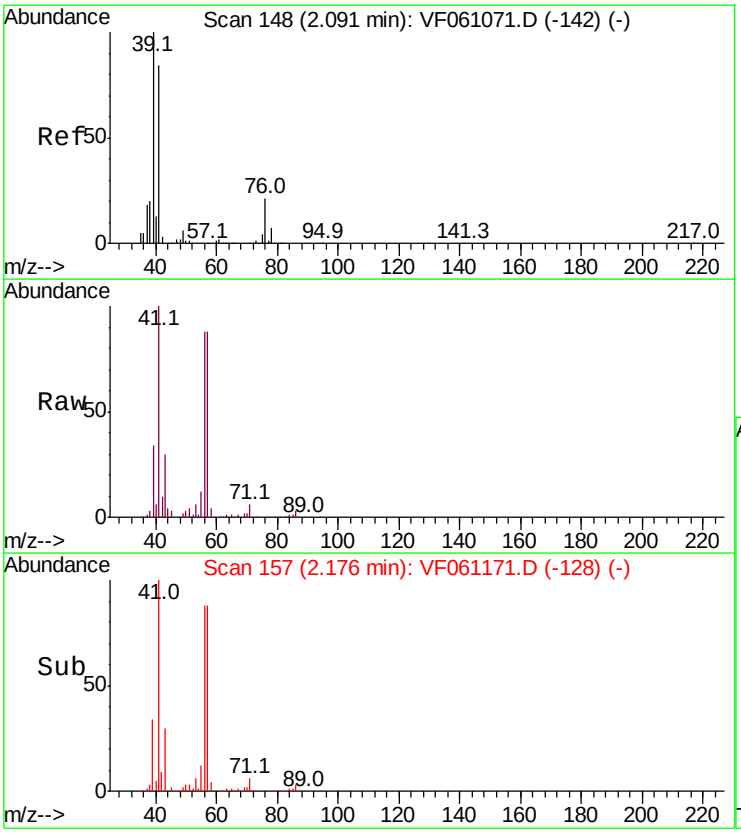
#13
Acrolein
Concen: 1283.847 ug/l
RT: 2.00 min Scan# 139
Delta R.T. -0.00 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 19310

Ion	Ratio	Lower	Upper
56	100		
55	150.8	70.2	105.2#

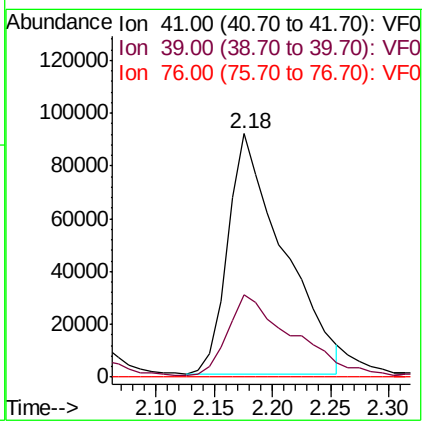


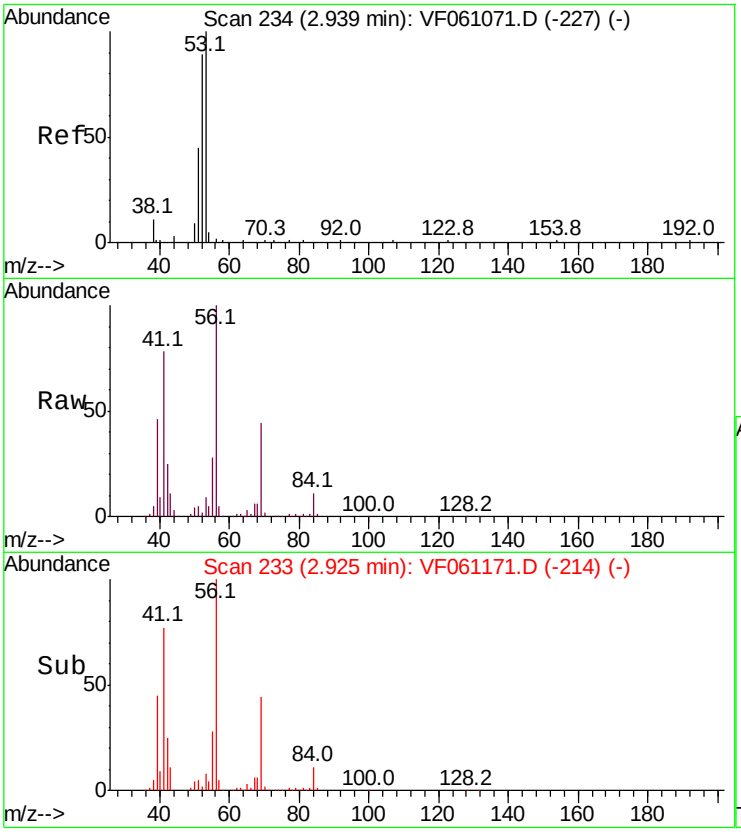


#14
Allyl chloride
Concen: 823.361 ug/l
RT: 2.18 min Scan# 157
Delta R.T. 0.08 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 41 Resp: 302907

Ion	Ratio	Lower	Upper
41	100		
39	33.7	96.4	144.6#
76	0.0	25.4	38.0#



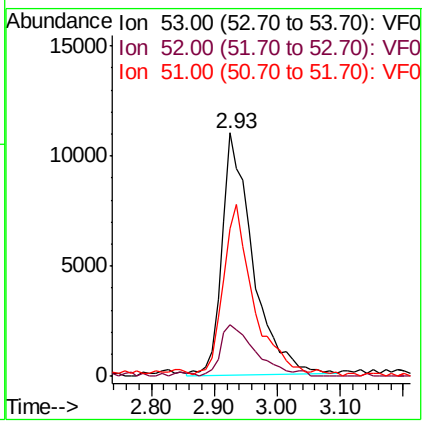


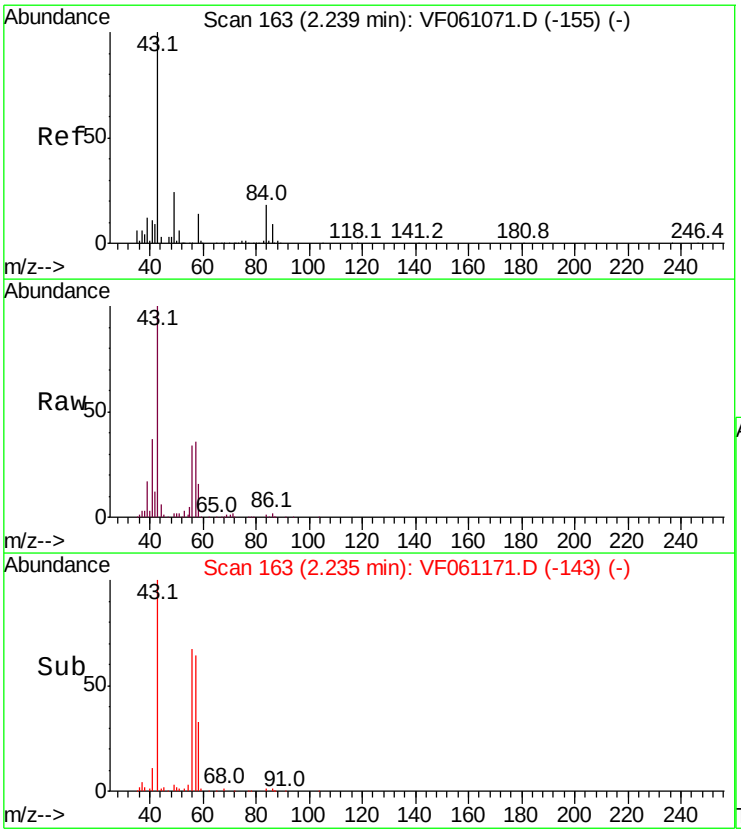
#15
Acrylonitrile
Concen: 773.204 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 37216

Ion	Ratio	Lower	Upper
53	100		
52	21.0	71.3	106.9#
51	60.6	36.8	55.2#

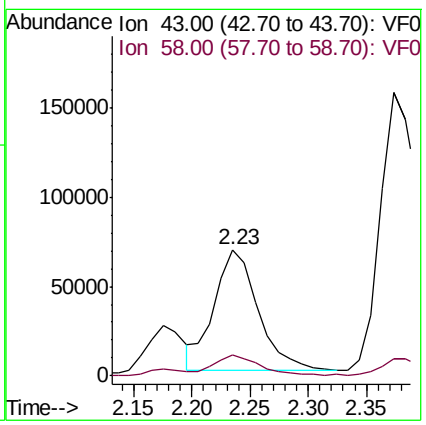


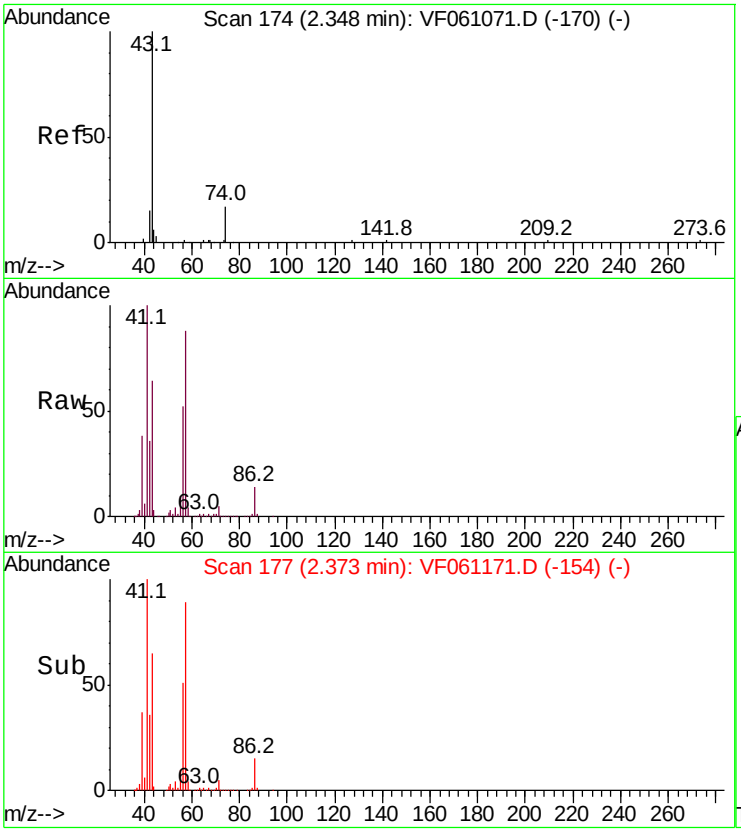


#16
Acetone
Concen: 1715.796 ug/l
RT: 2.23 min Scan# 163
Delta R.T. -0.00 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 43 Resp: 176925

Ion	Ratio	Lower	Upper
43	100		
58	16.2	11.1	16.7



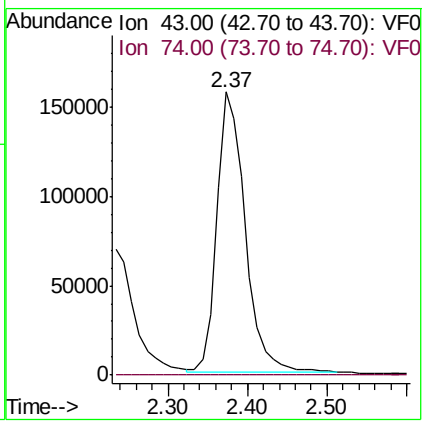


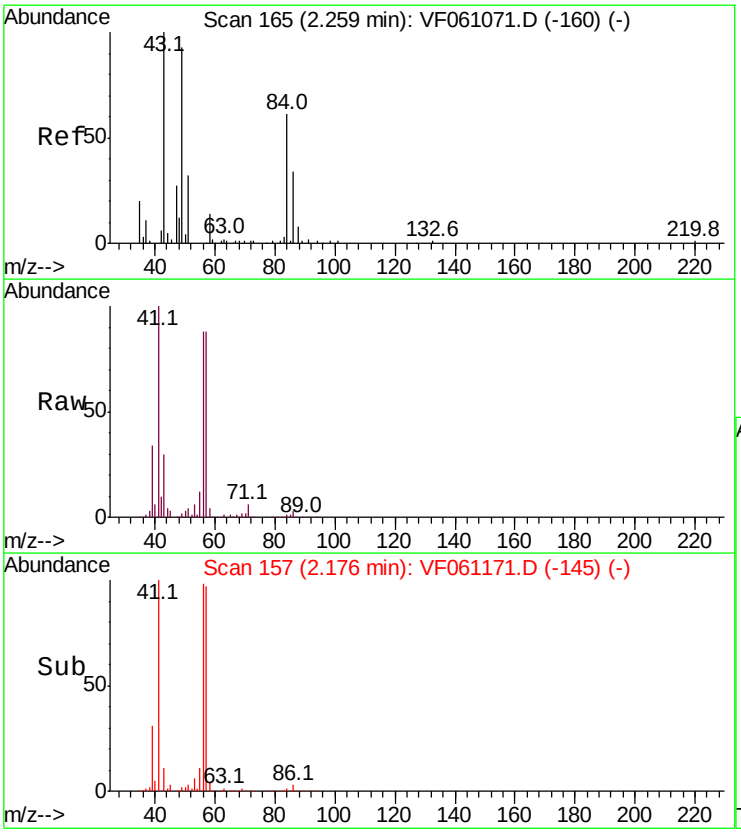
#18
Methyl Acetate
Concen: 1828.714 ug/l
RT: 2.37 min Scan# 177
Delta R.T. 0.03 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 390132

Ion	Ratio	Lower	Upper
43	100		
74	0.2	11.0	16.6#

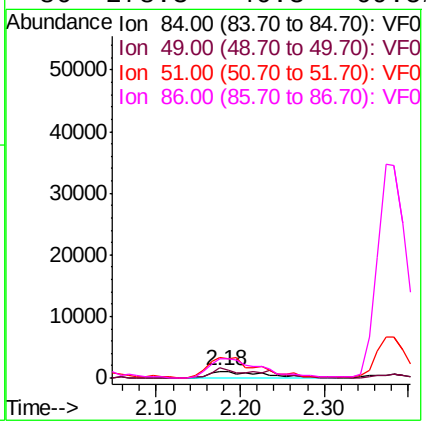


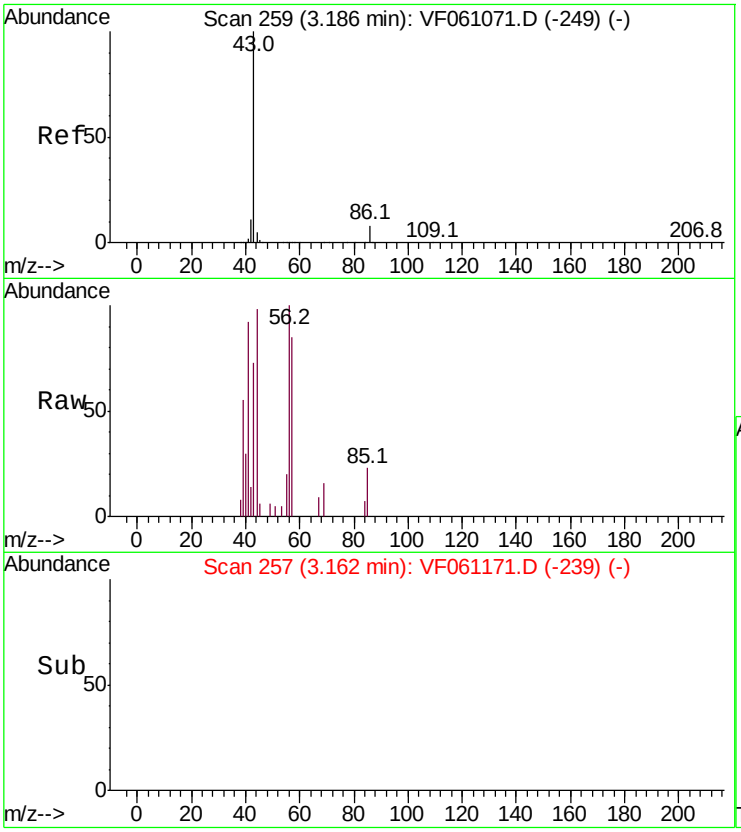


#20
Methylene Chloride
Concen: 11.100 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.08 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 84 Resp: 4809

Ion	Ratio	Lower	Upper
84	100		
49	142.6	129.4	194.2
51	296.0	44.0	66.0#
86	278.3	46.3	69.5#



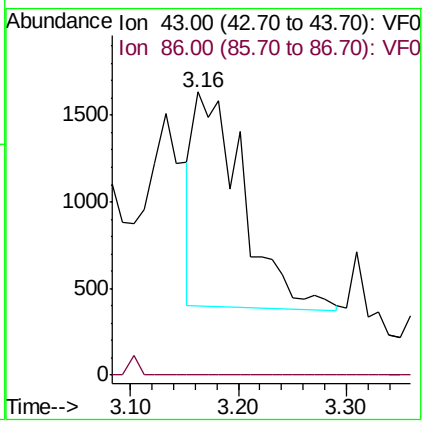


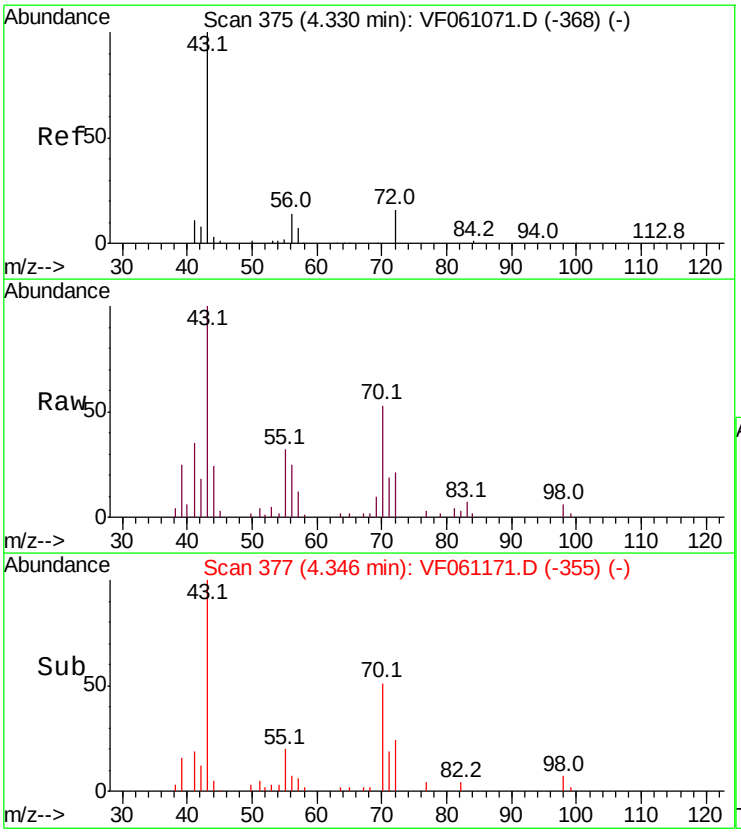
#23
Vinyl Acetate
Concen: 6.870 ug/l
RT: 3.16 min Scan# 257
Delta R.T. -0.02 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3884

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.3	9.5#

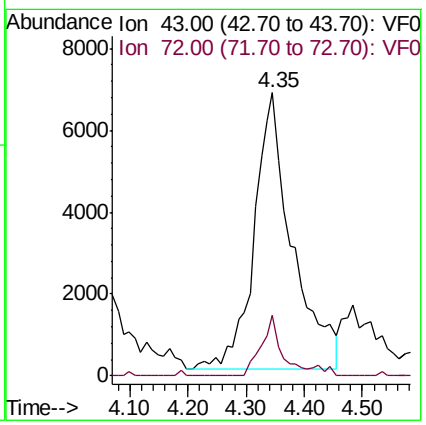


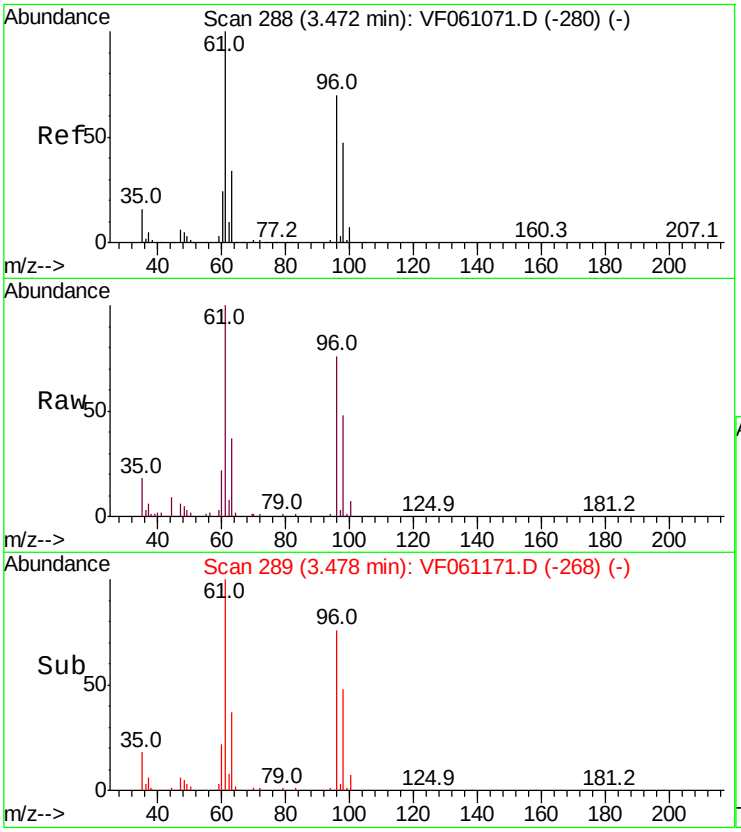


#25
2-Butanone
Concen: 184.228 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.02 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 43 Resp: 30809

Ion	Ratio	Lower	Upper
43	100		
72	21.4	15.6	23.4



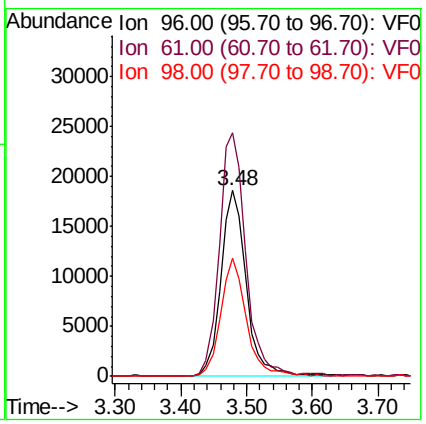


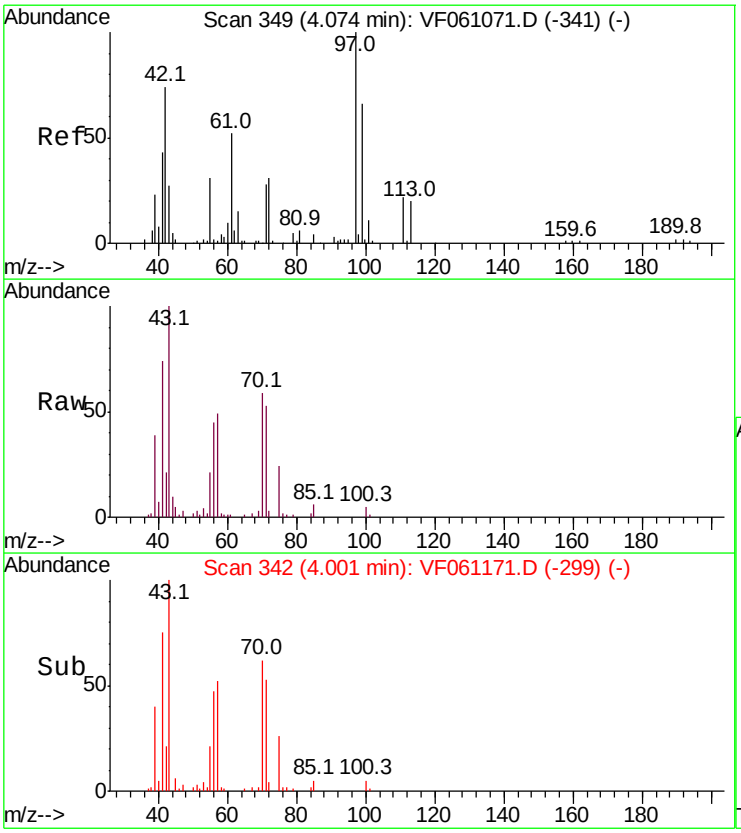
#27
cis-1,2-Dichloroethene
Concen: 86.895 ug/l
RT: 3.48 min Scan# 289
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 96 Resp: 50299

Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	287.8
98	63.5	0.0	134.2

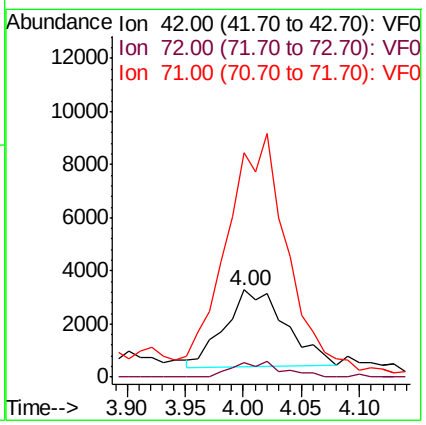


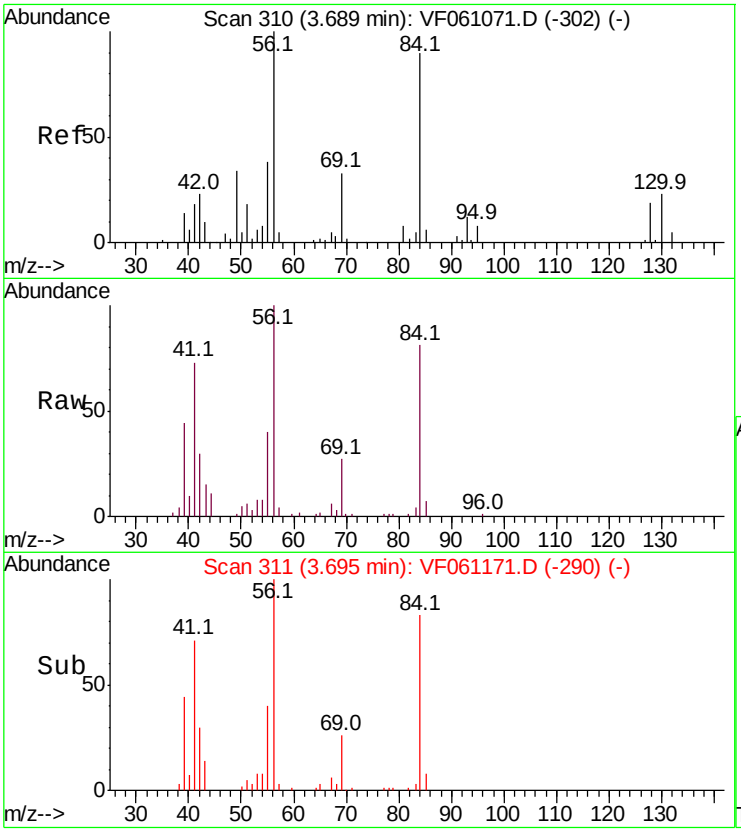


#29
Tetrahydrofuran
Concen: 155.041 ug/l
RT: 4.00 min Scan# 342
Delta R.T. -0.07 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 42 Resp: 10553

Ion	Ratio	Lower	Upper
42	100		
72	15.9	31.8	47.8#
71	334.2	29.7	44.5#



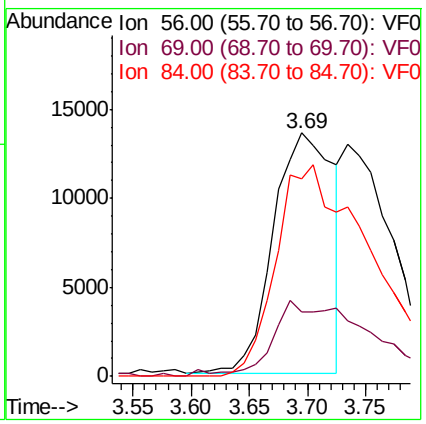


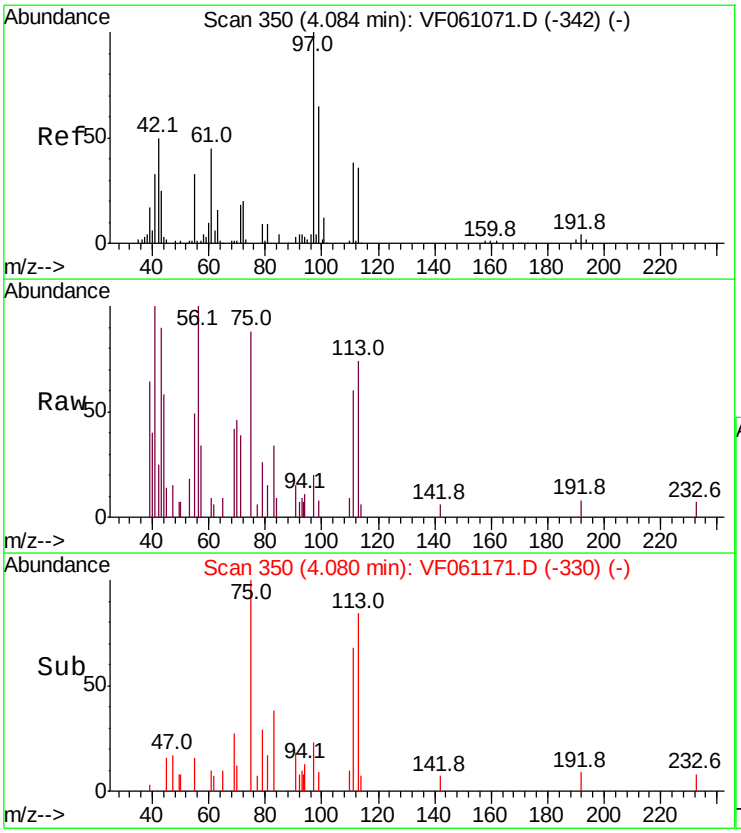
#31
Cyclohexane
Concen: 64.539 ug/l
RT: 3.69 min Scan# 311
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 48625

Ion	Ratio	Lower	Upper
56	100		
69	26.5	26.0	39.0
84	81.3	71.4	107.2

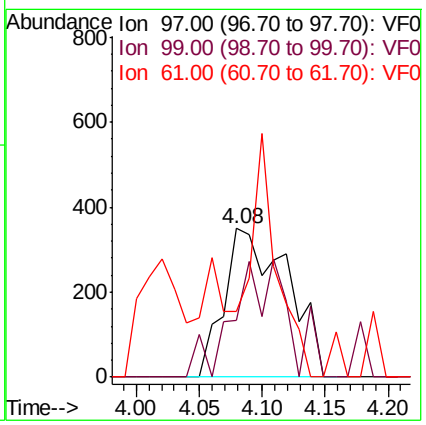


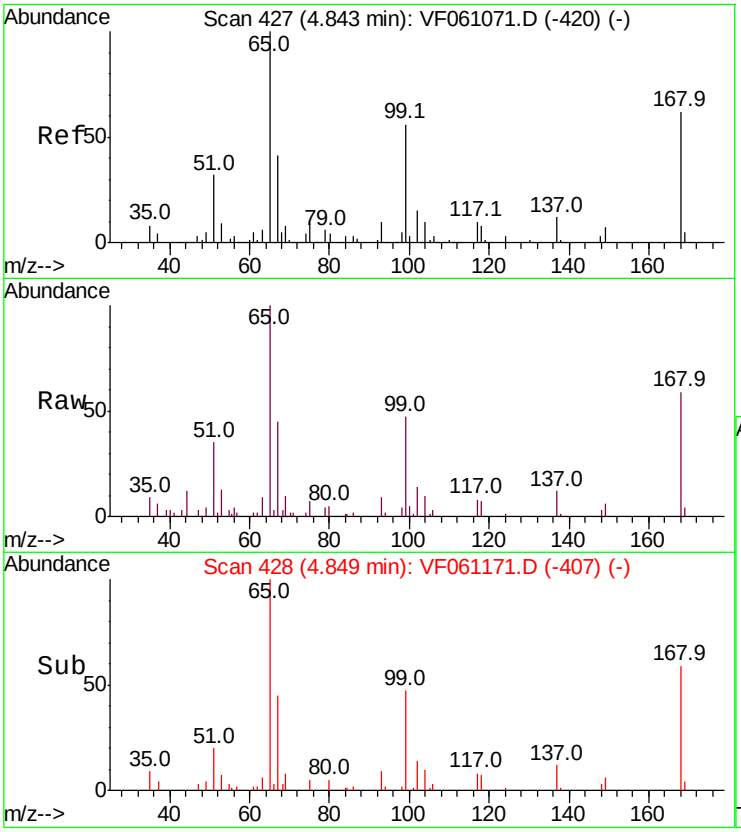


#32
1,1,1-Trichloroethane
Concen: 1.870 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.00 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 97 Resp: 1220

Ion	Ratio	Lower	Upper
97	100		
99	38.7	51.6	77.4#
61	44.1	36.2	54.2



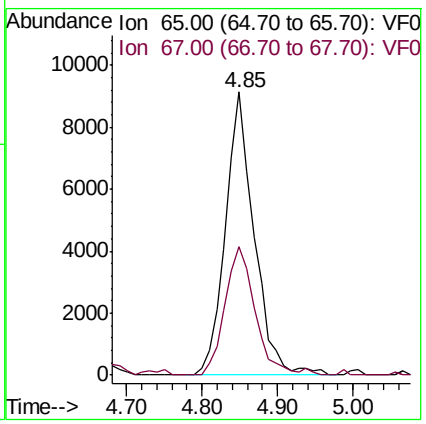


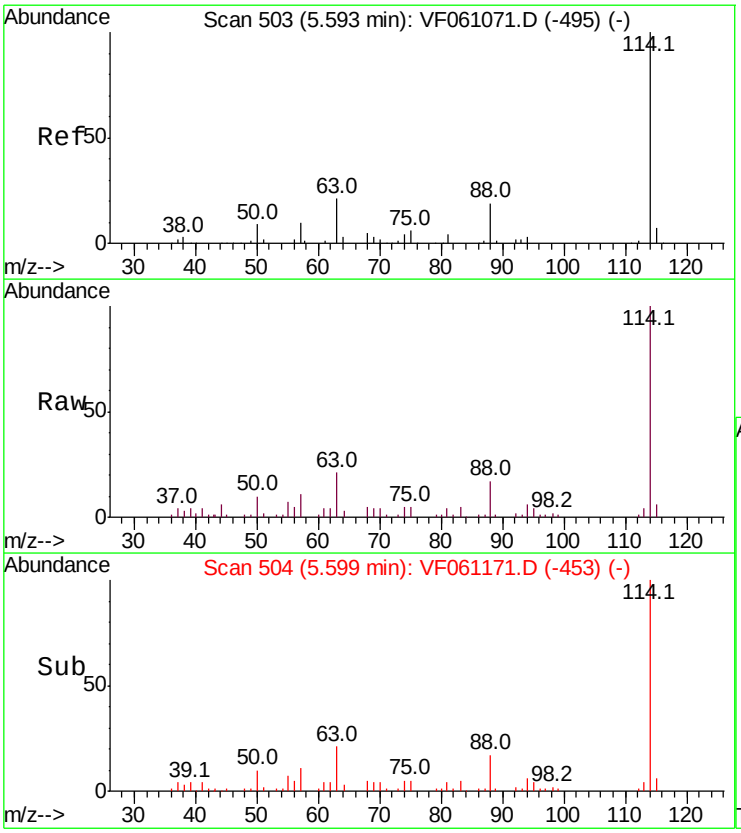
#33
1,2-Dichloroethane-d4
Concen: 46.413 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 23940

Ion	Ratio	Lower	Upper
65	100		
67	45.4	0.0	94.6

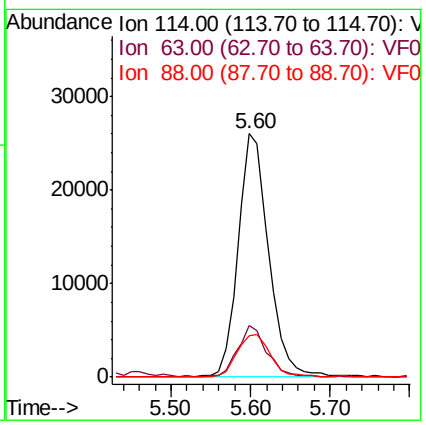


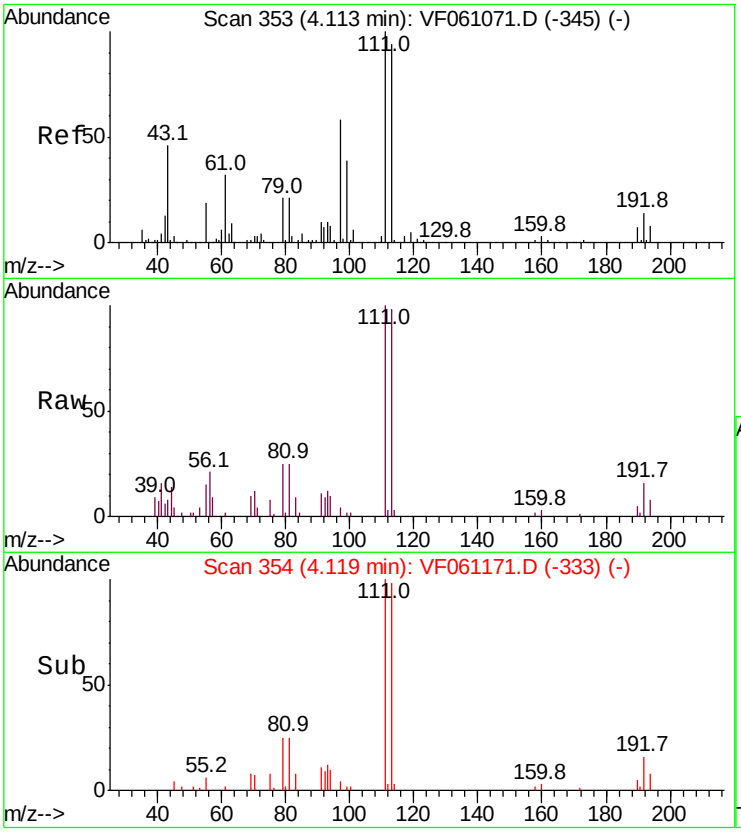


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion:114 Resp: 68674

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.6
88	16.8	0.0	38.0



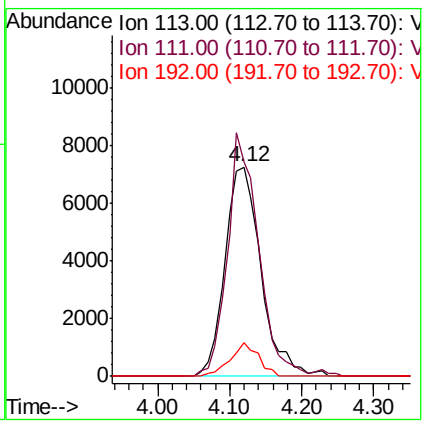


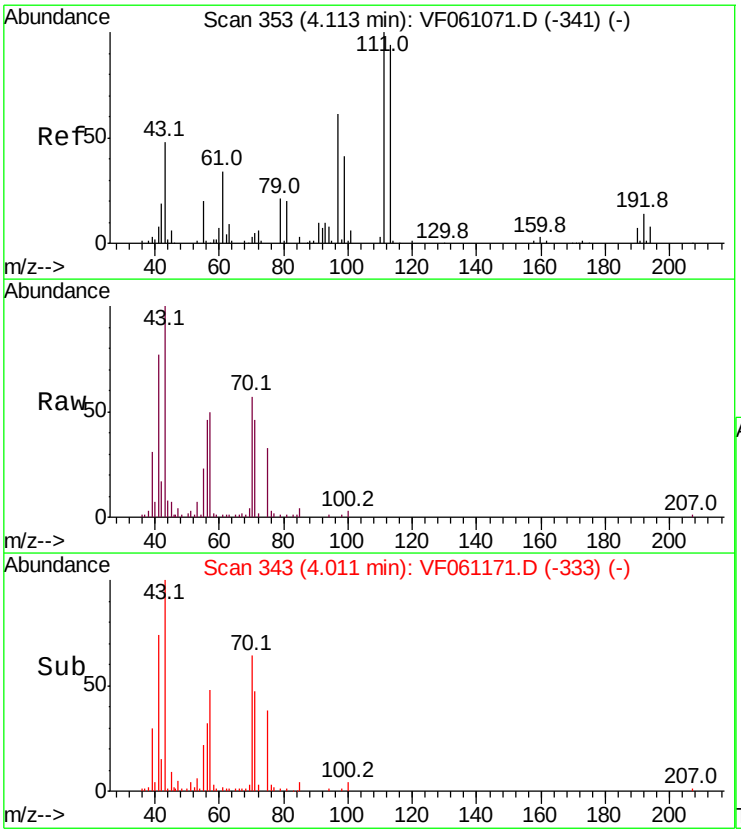
#35
Dibromofluoromethane
Concen: 46.061 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 25339

Ion	Ratio	Lower	Upper
113	100		
111	102.3	85.2	127.8
192	16.2	12.8	19.2

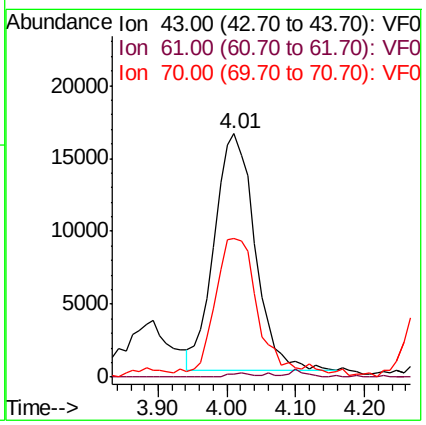


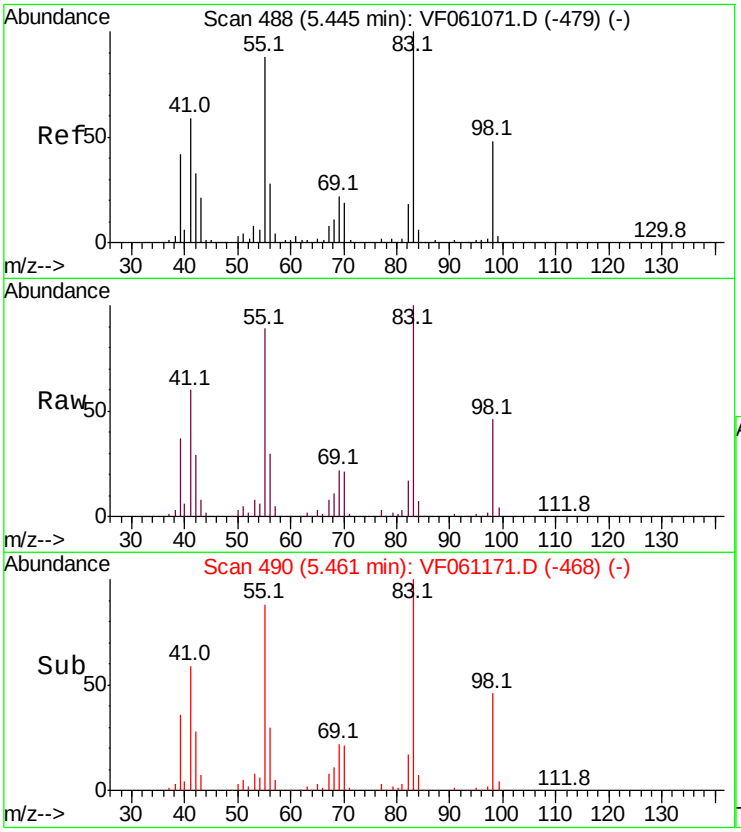


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.01 min Scan# 343
Delta R.T. -0.10 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 43 Resp: 66259

Ion	Ratio	Lower	Upper
43	100		
61	1.4	56.6	84.8#
70	57.0	6.3	9.5#



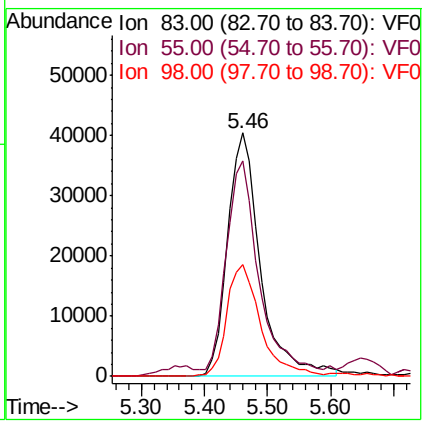


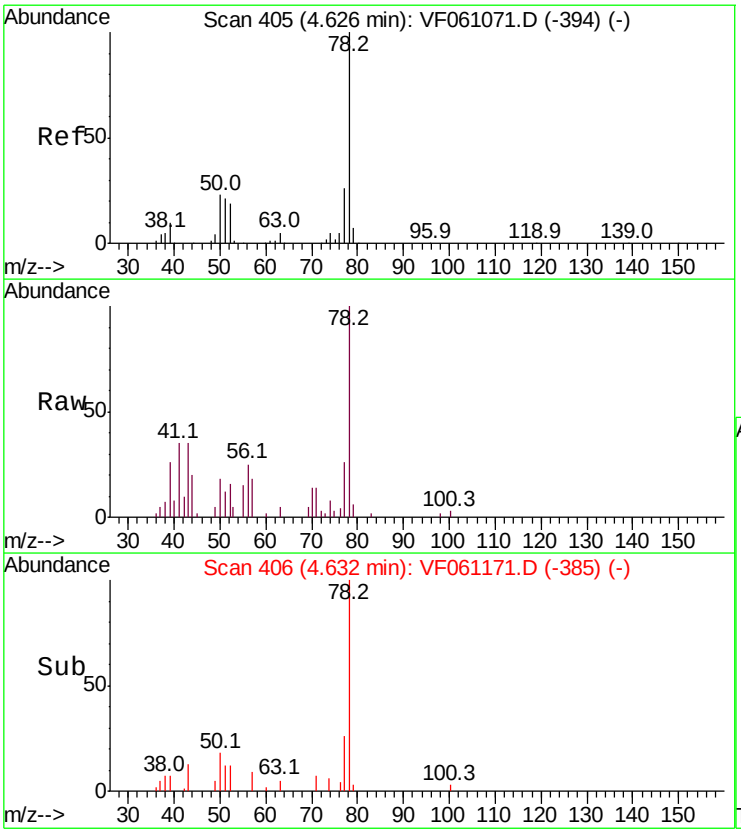
#39
Methylcyclohexane
Concen: 196.939 ug/l
RT: 5.46 min Scan# 490
Delta R.T. 0.02 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 146458

Ion	Ratio	Lower	Upper
83	100		
55	88.7	70.6	105.8
98	46.1	38.5	57.7

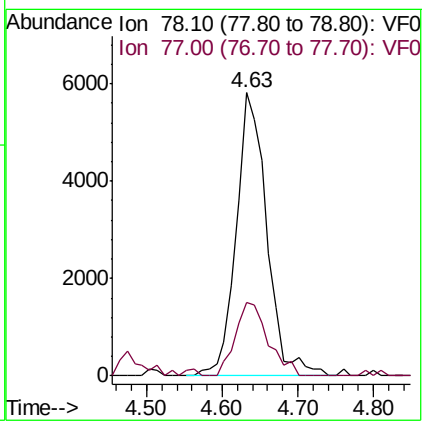


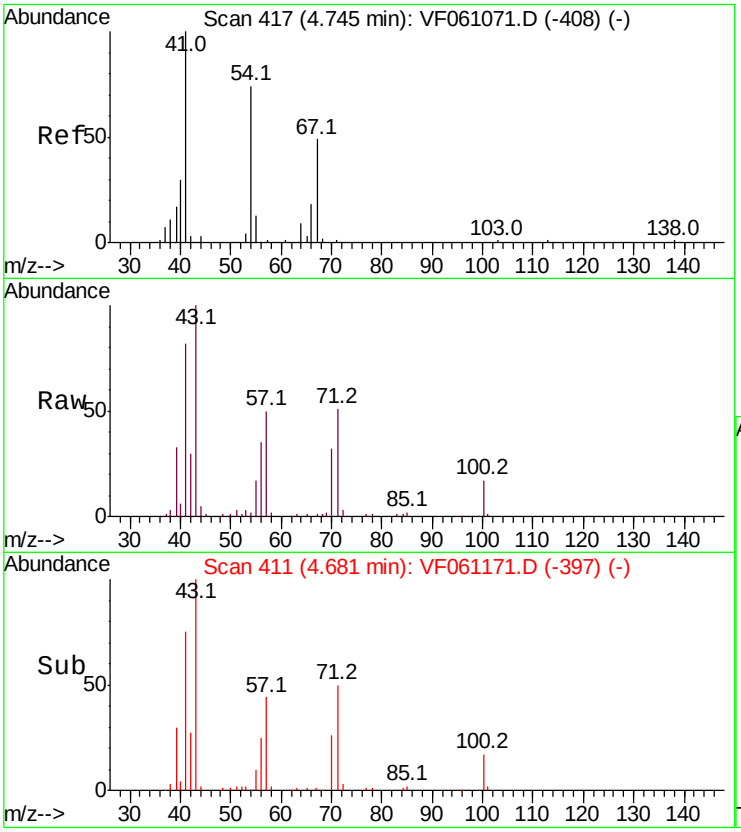


#40
Benzene
Concen: 9.149 ug/l
RT: 4.63 min Scan# 406
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 78 Resp: 16310

Ion	Ratio	Lower	Upper
78	100		
77	25.8	20.7	31.1



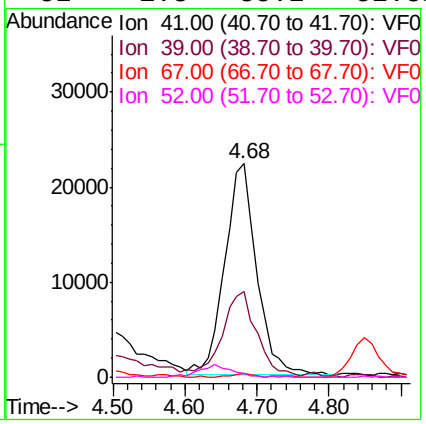


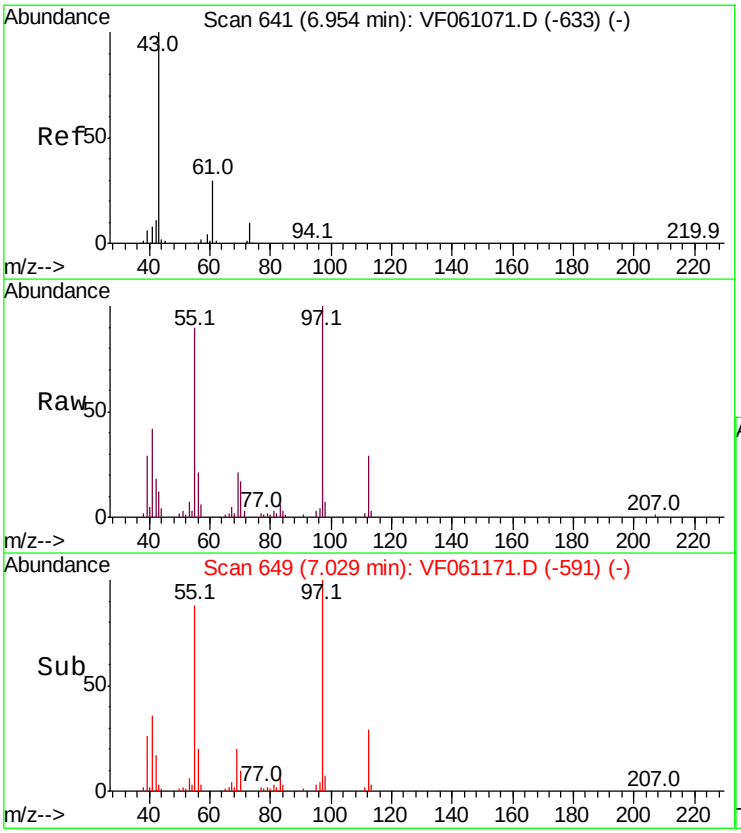
#41
Methacrylonitrile
Concen: 387.704 ug/l
RT: 4.68 min Scan# 411
Delta R.T. -0.06 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 67873

Ion	Ratio	Lower	Upper
41	100		
39	40.5	45.7	68.5#
67	1.5	38.9	58.3#
52	1.8	35.2	52.8#

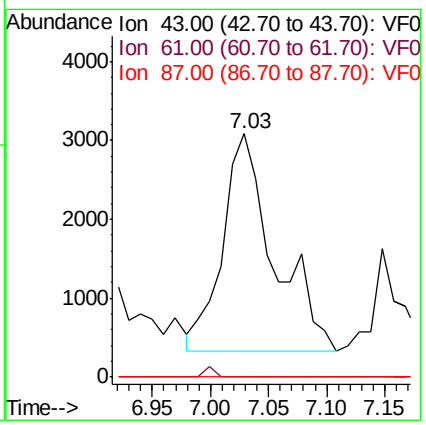


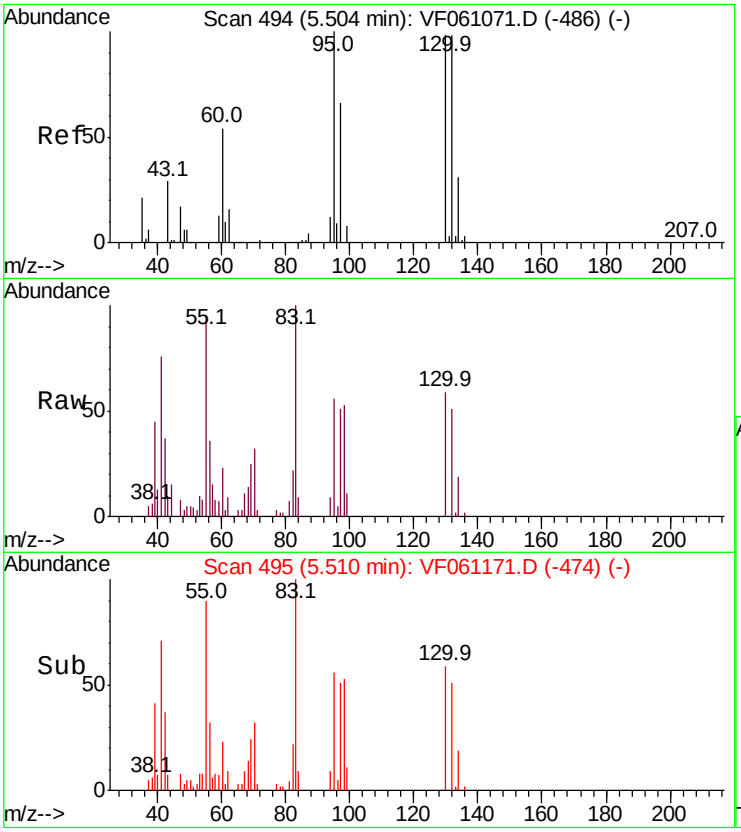


#43
Isopropyl Acetate
Concen: 20.949 ug/l
RT: 7.03 min Scan# 649
Delta R.T. 0.07 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 43 Resp: 8385

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



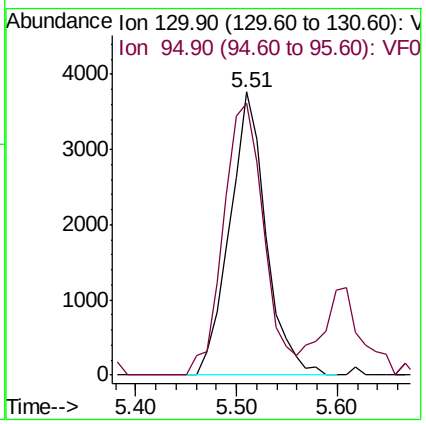


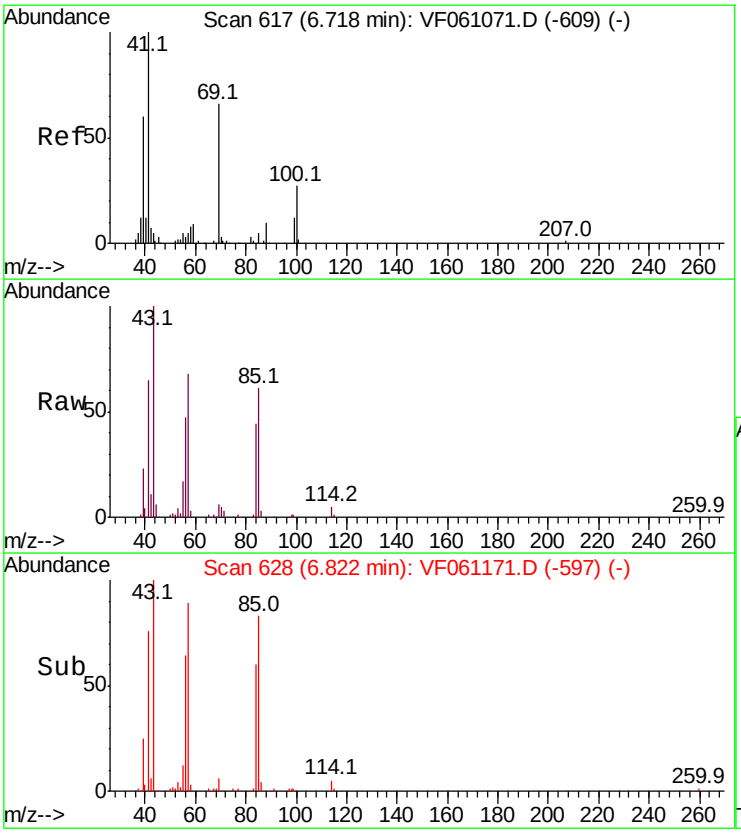
#44
Trichloroethene
Concen: 16.827 ug/l
RT: 5.51 min Scan# 495
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:130 Resp: 9457

Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	205.2

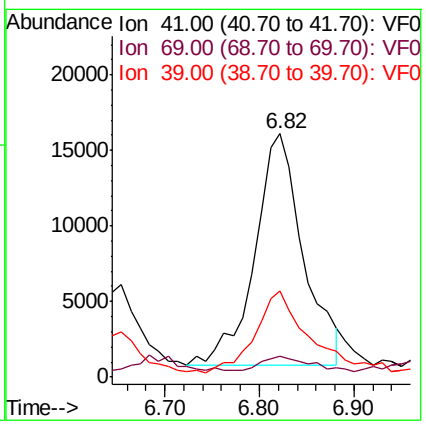


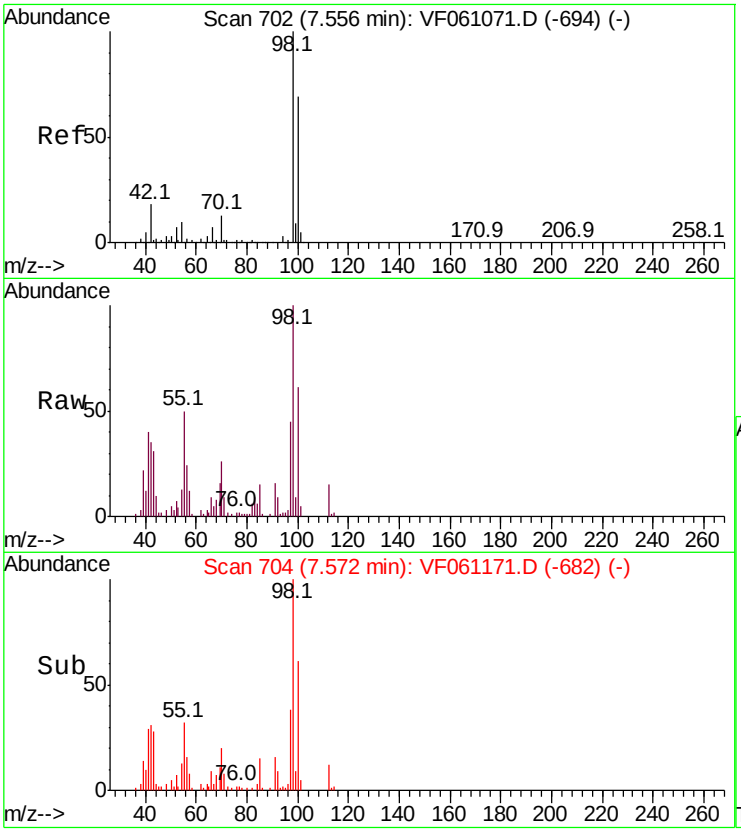


#48
Methyl methacrylate
Concen: 195.261 ug/l
RT: 6.82 min Scan# 628
Delta R.T. 0.10 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 41 Resp: 54560

Ion	Ratio	Lower	Upper
41	100		
69	8.7	52.7	79.1#
39	35.5	47.8	71.6#



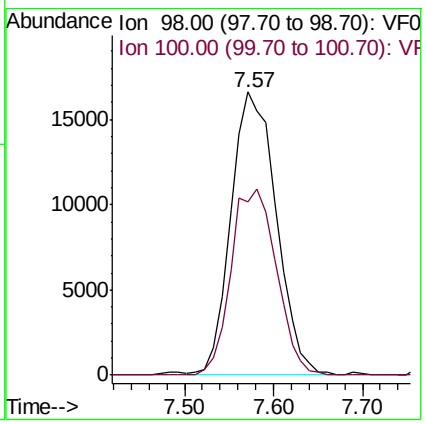


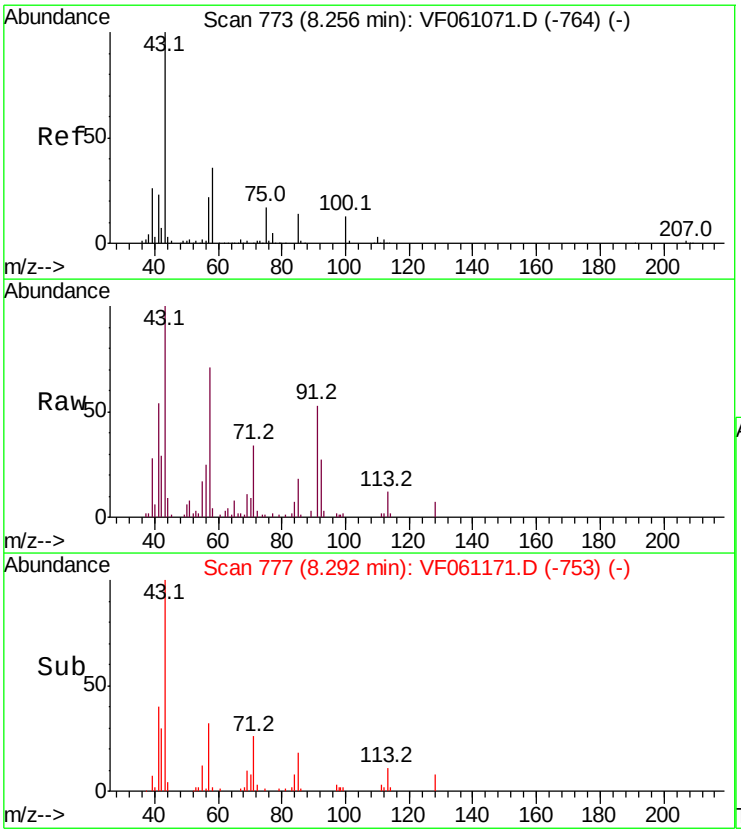
#50
Toluene-d8
Concen: 37.681 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.02 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 58744

Ion	Ratio	Lower	Upper
98	100		
100	61.1	55.3	82.9

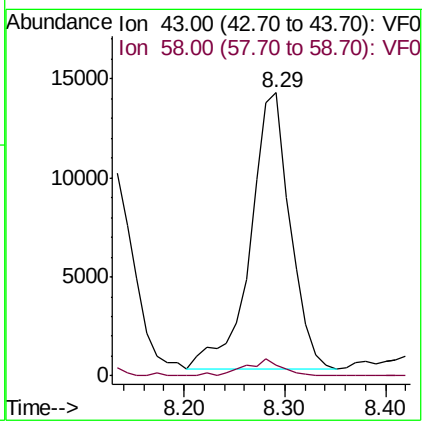


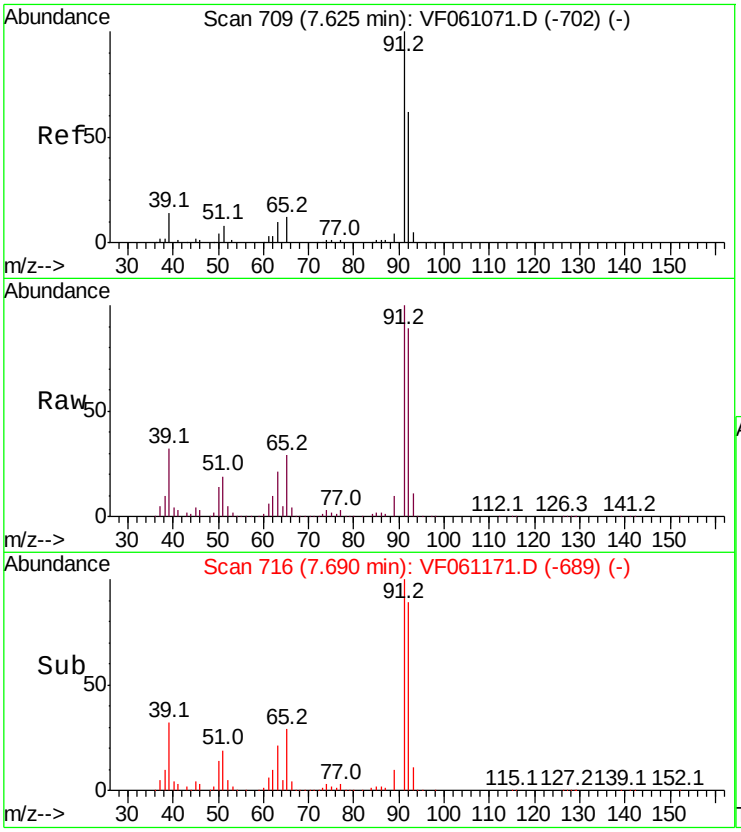


#51
4-Methyl-2-Pentanone
Concen: 139.911 ug/l
RT: 8.29 min Scan# 777
Delta R.T. 0.04 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 43 Resp: 38406

Ion	Ratio	Lower	Upper
43	100		
58	4.0	29.1	43.7#



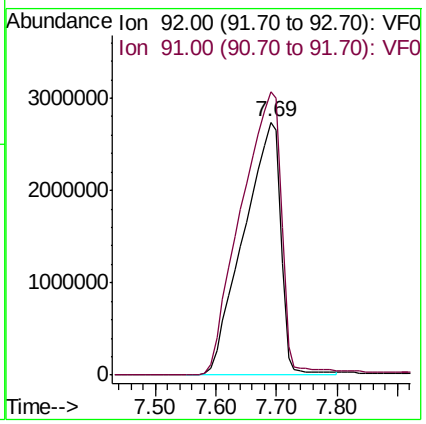


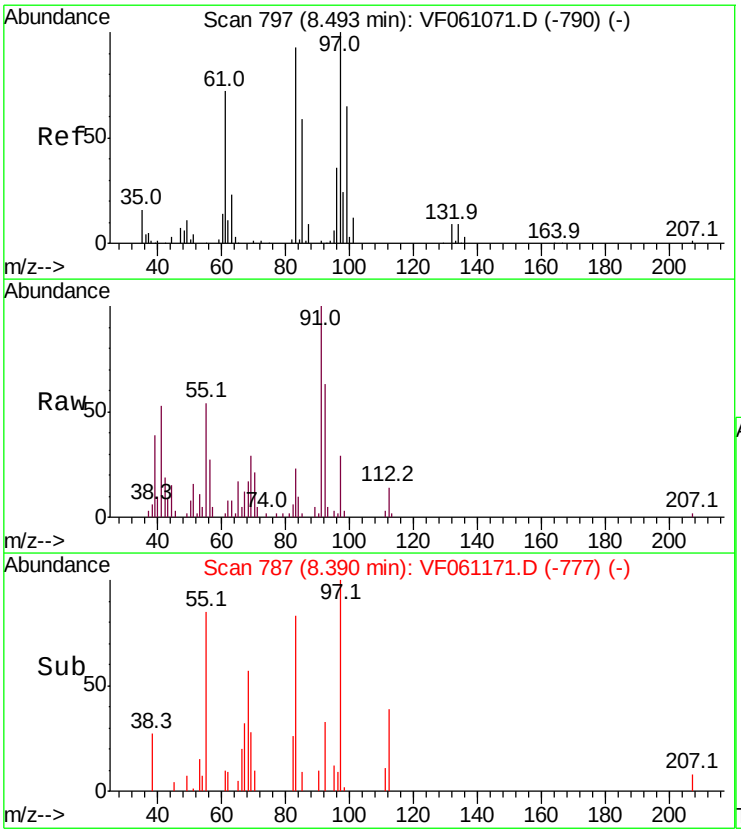
#52
Toluene
Concen: 9920.508 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.06 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 92 Resp:11706395

Ion	Ratio	Lower	Upper
92	100		
91	112.0	128.8	193.2#

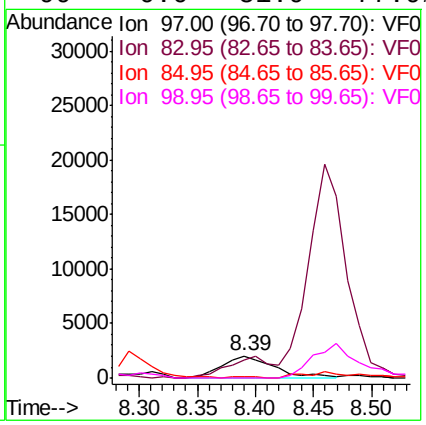


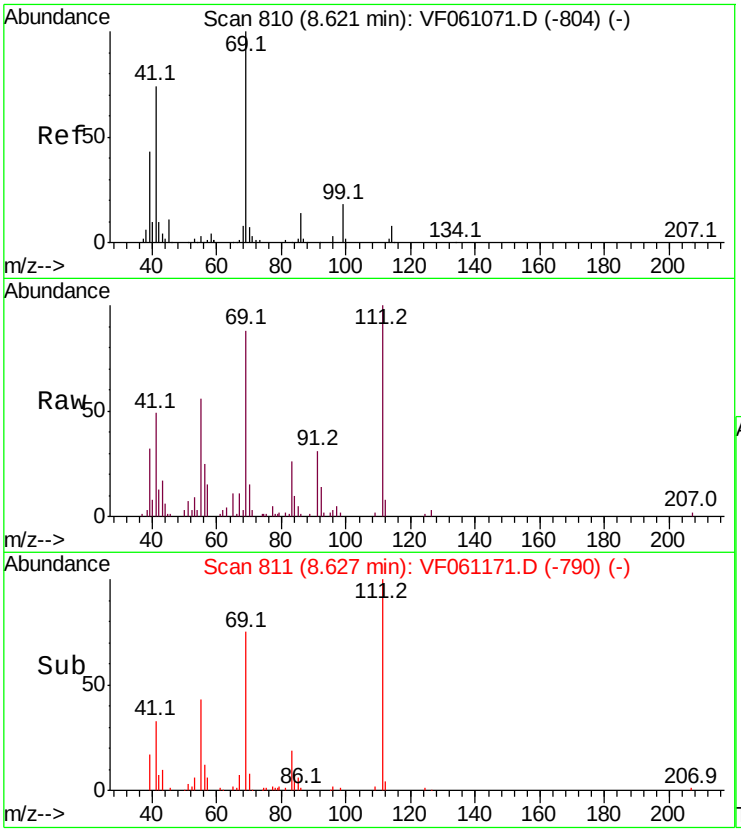


#55
1,1,2-Trichloroethane
Concen: 18.001 ug/l
RT: 8.39 min Scan# 787
Delta R.T. -0.10 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 97 Resp: 6368

Ion	Ratio	Lower	Upper
97	100		
83	79.7	75.0	112.4
85	7.1	47.5	71.3#
99	0.0	51.9	77.9#



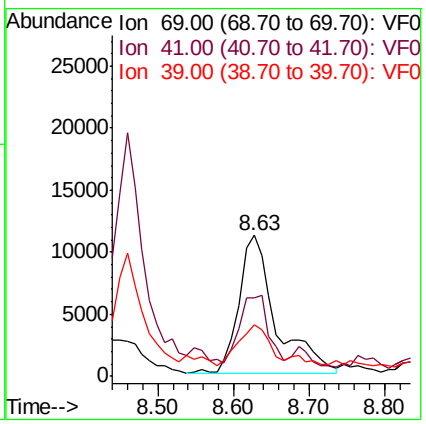


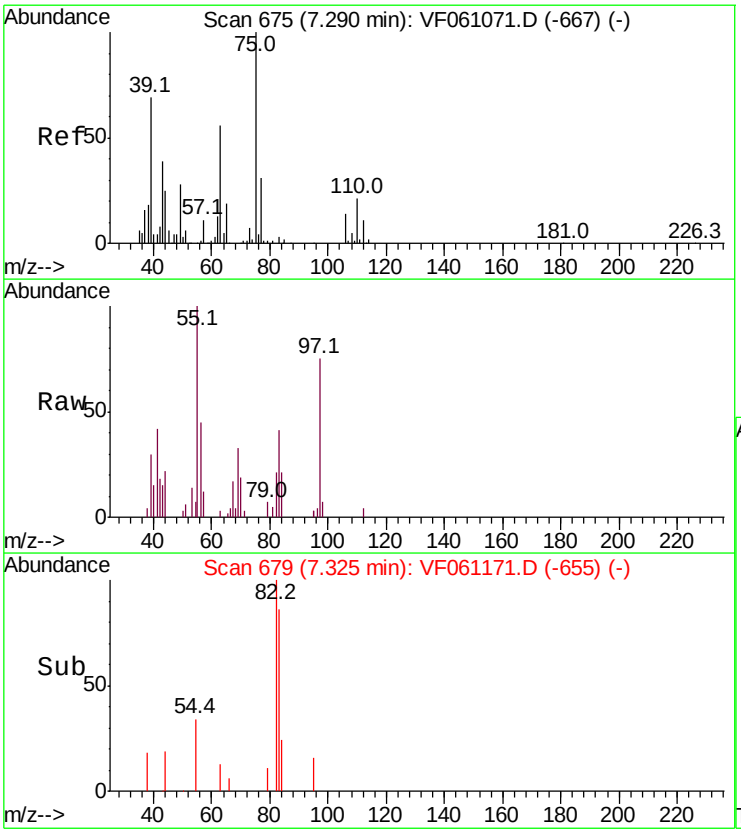
#56
Ethyl methacrylate
Concen: 98.269 ug/l
RT: 8.63 min Scan# 811
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 69 Resp: 37616

Ion	Ratio	Lower	Upper
69	100		
41	55.7	59.7	89.5#
39	36.4	35.0	52.6

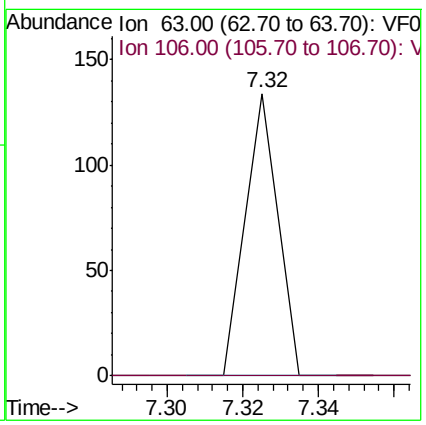


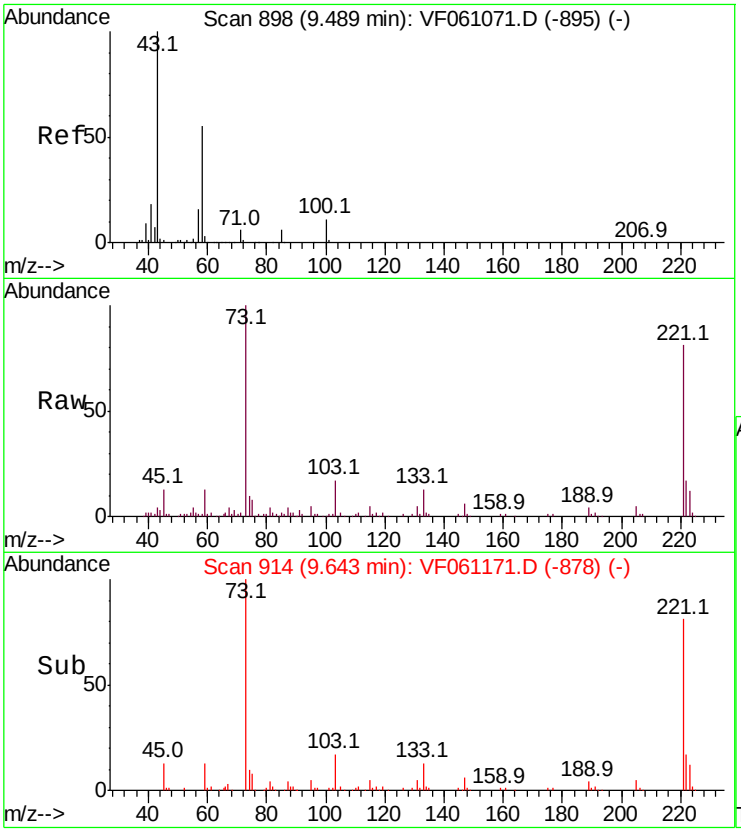


#58
2-Chloroethyl Vinyl ether
Concen: 1.075 ug/l
RT: 7.32 min Scan# 679
Delta R.T. 0.04 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 63 Resp: 79

Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.8	29.8#



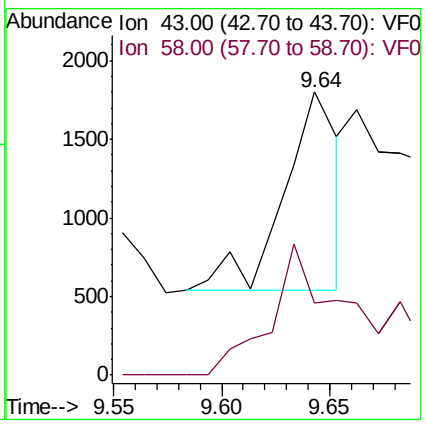


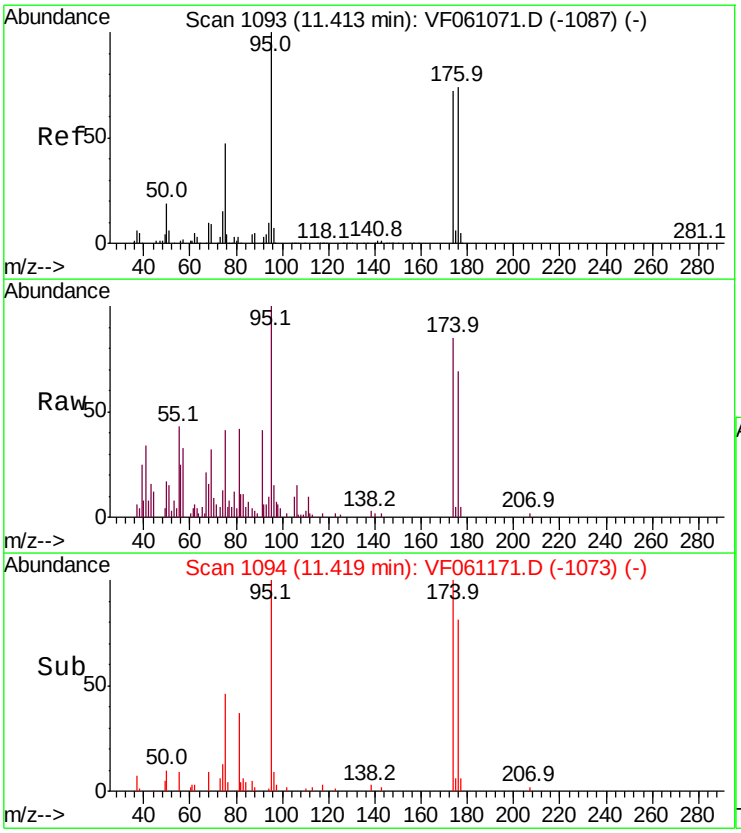
#59
2-Hexanone
Concen: 11.183 ug/l
RT: 9.64 min Scan# 914
Delta R.T. 0.15 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2220

Ion	Ratio	Lower	Upper
43	100		
58	25.6	25.1	75.2

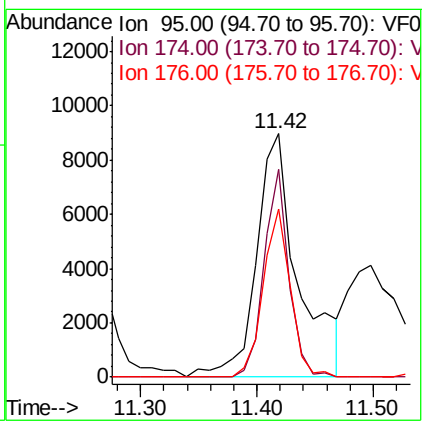


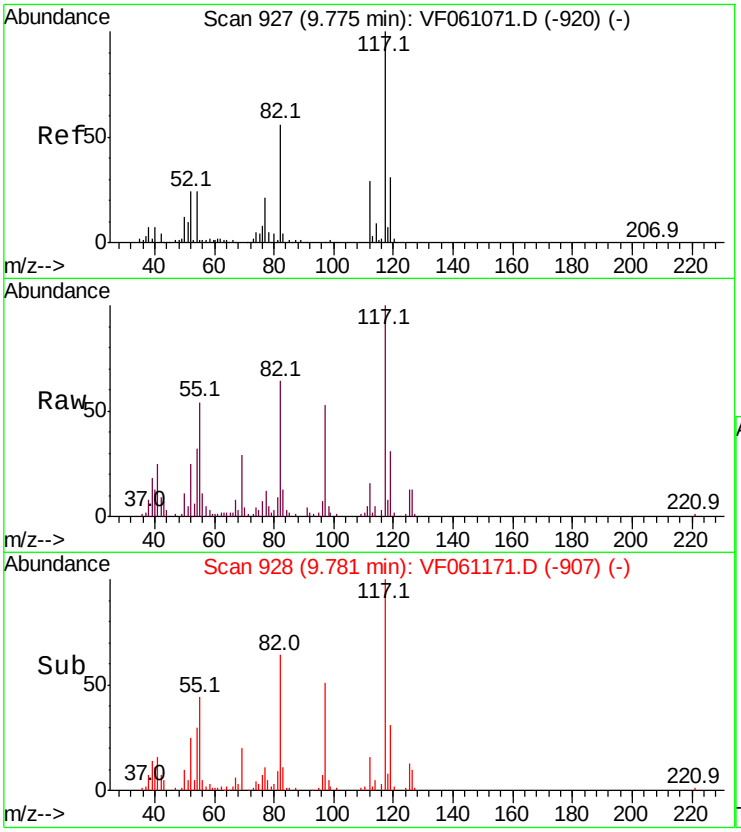


#62
4-Bromofluorobenzene
Concen: 31.118 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 95 Resp: 22365

Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	143.8
176	68.8	0.0	147.6



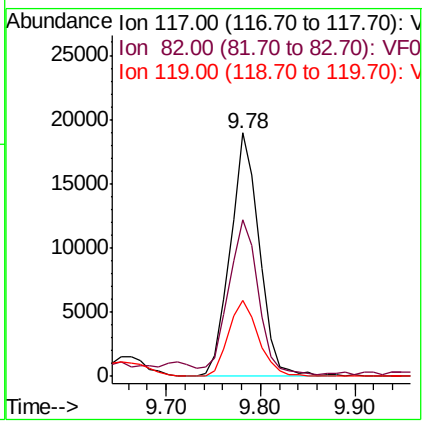


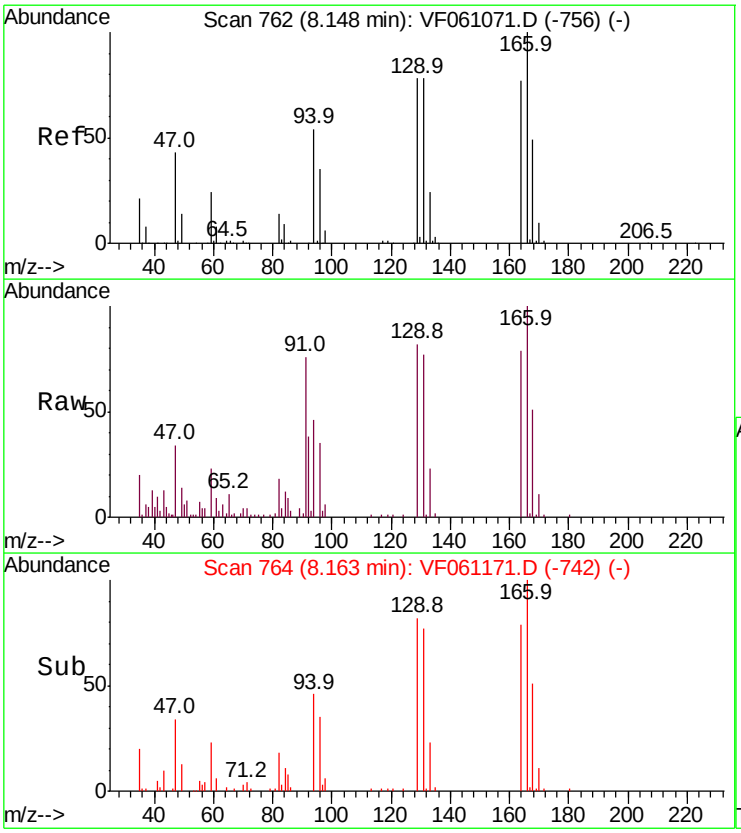
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 40228

Ion	Ratio	Lower	Upper
117	100		
82	64.2	45.0	67.4
119	31.1	24.8	37.2

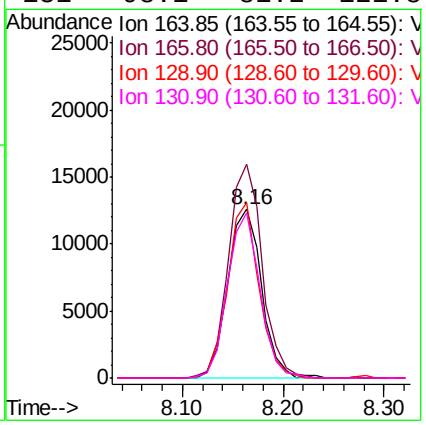


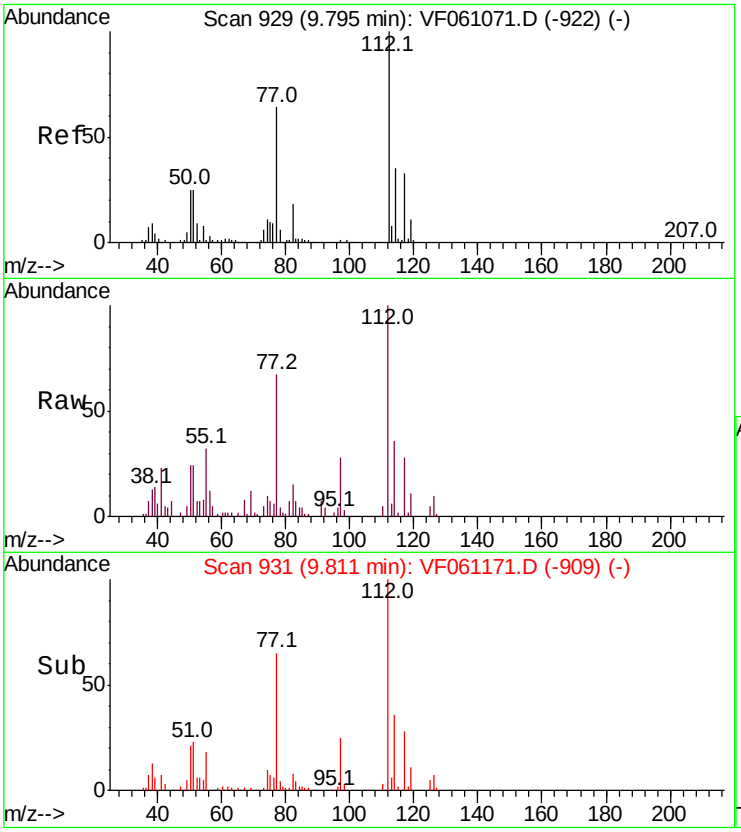


#64
Tetrachloroethene
Concen: 94.883 ug/l
RT: 8.16 min Scan# 764
Delta R.T. 0.02 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion:164 Resp: 29362

Ion	Ratio	Lower	Upper
164	100		
166	126.7	104.0	156.0
129	104.0	81.1	121.7
131	98.1	81.2	121.8



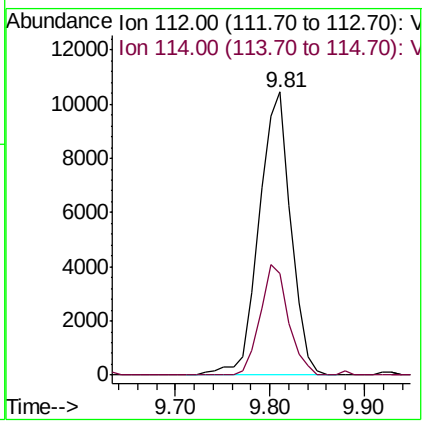


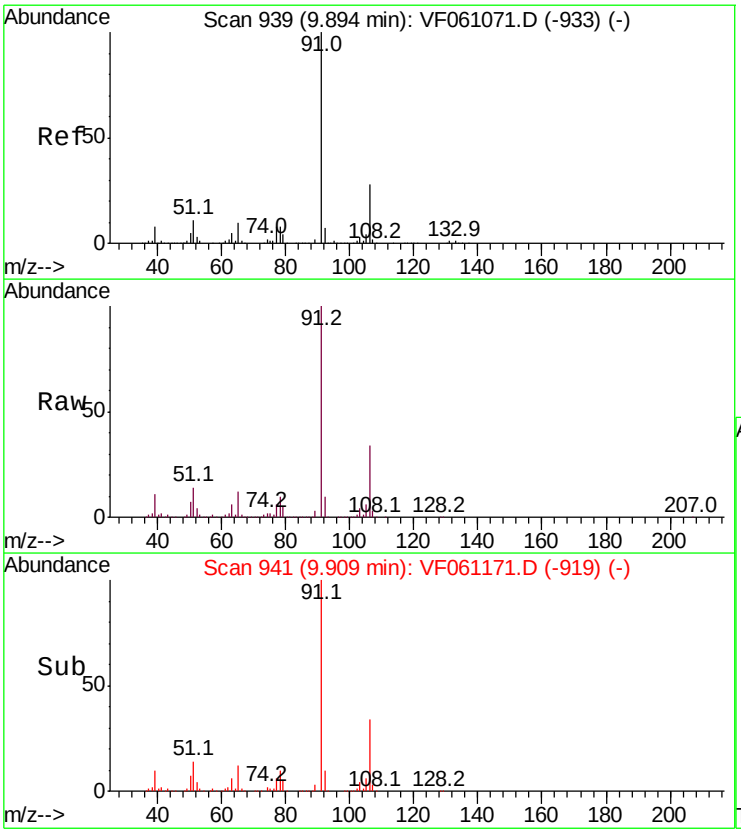
#65
Chlorobenzene
Concen: 29.408 ug/l
RT: 9.81 min Scan# 931
Delta R.T. 0.02 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:112 Resp: 24440

Ion	Ratio	Lower	Upper
112	100		
114	35.8	27.8	41.6

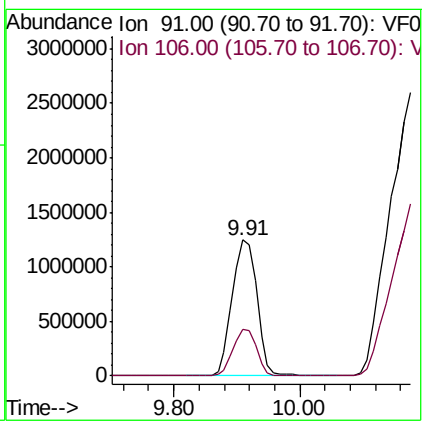


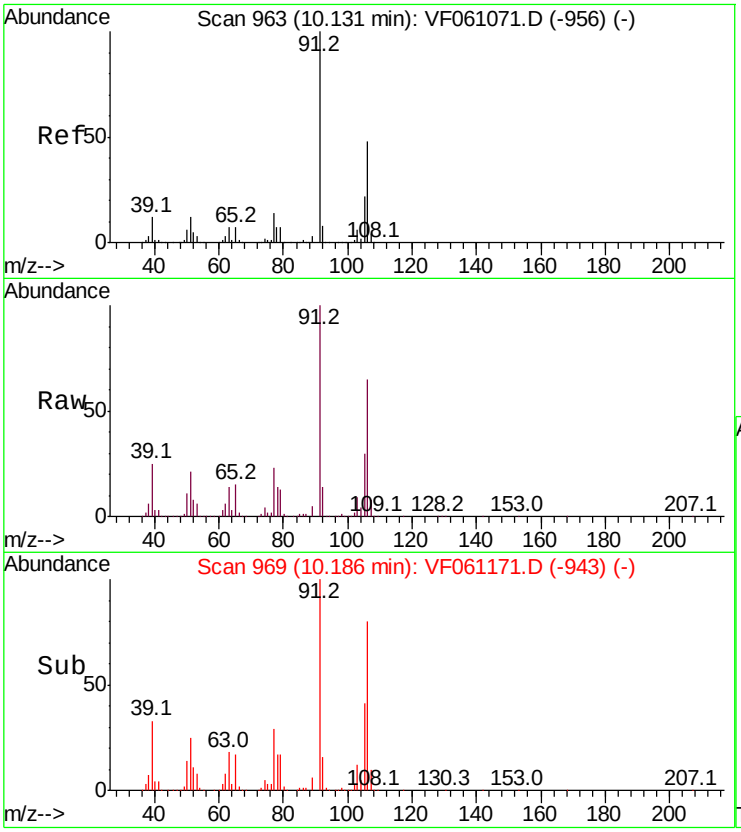


#67
Ethyl Benzene
Concen: 2249.596 ug/l
RT: 9.91 min Scan# 941
Delta R.T. 0.02 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 91 Resp: 3405951

Ion	Ratio	Lower	Upper
91	100		
106	33.9	22.5	33.7#



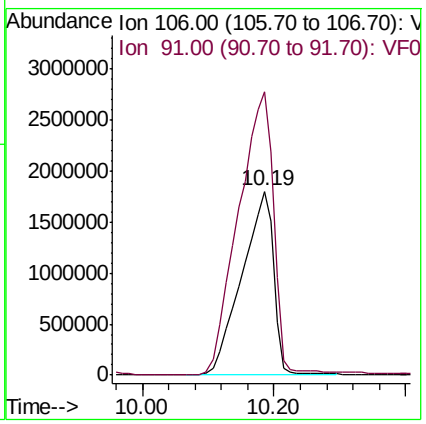


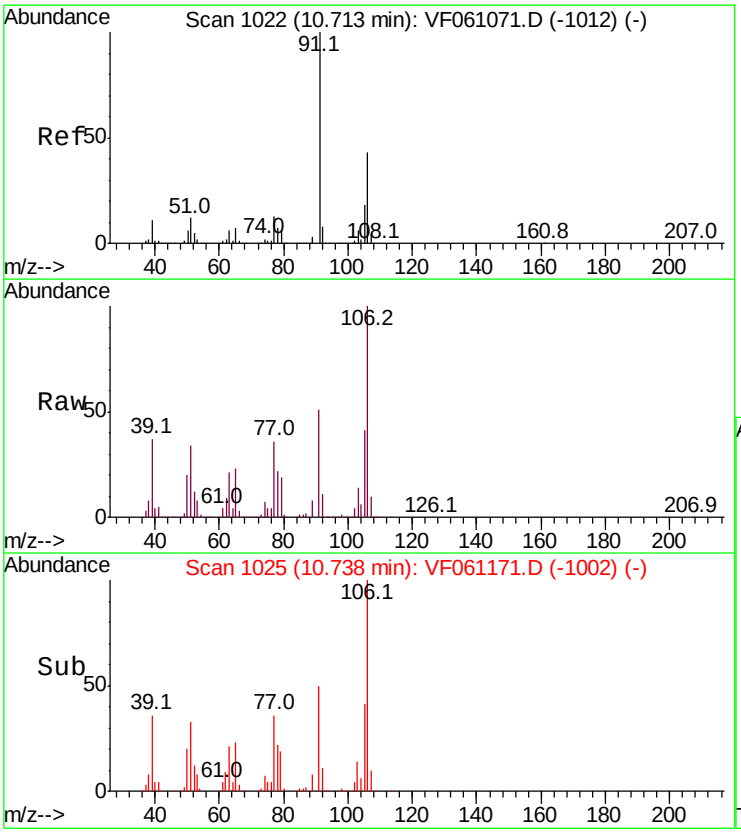
#68
m/p-Xylenes
Concen: 11461.580 ug/l
RT: 10.19 min Scan# 969
Delta R.T. 0.06 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:106 Resp: 6106976

Ion	Ratio	Lower	Upper
106	100		
91	153.8	168.2	252.2#

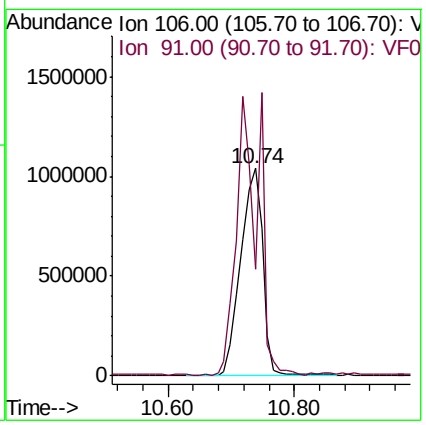


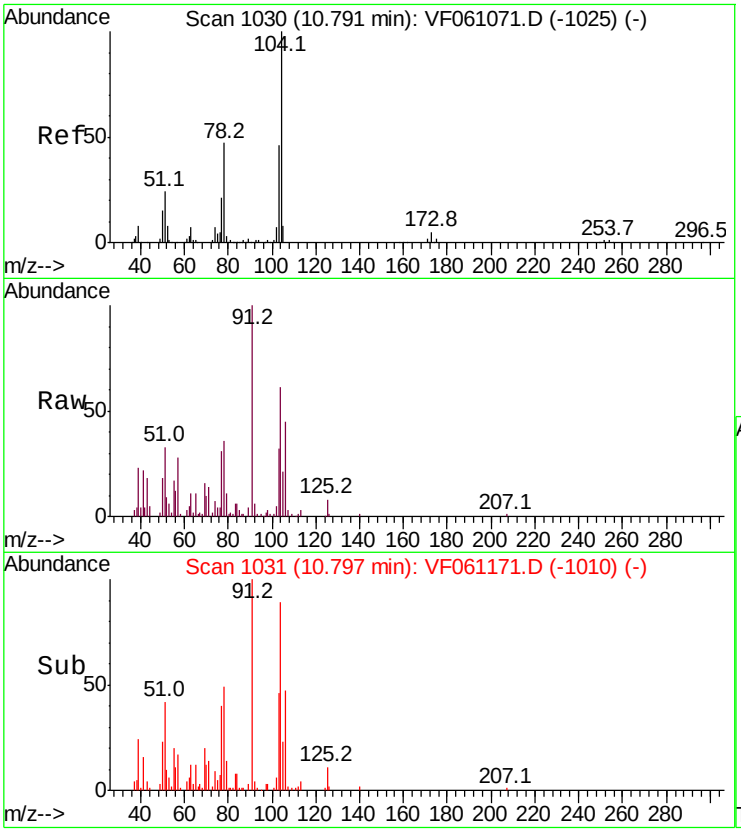


#69
o-Xylene
Concen: 4260.222 ug/l
RT: 10.74 min Scan# 1025
Delta R.T. 0.03 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion:106 Resp: 2517525

Ion	Ratio	Lower	Upper
106	100		
91	51.2	115.9	347.7#



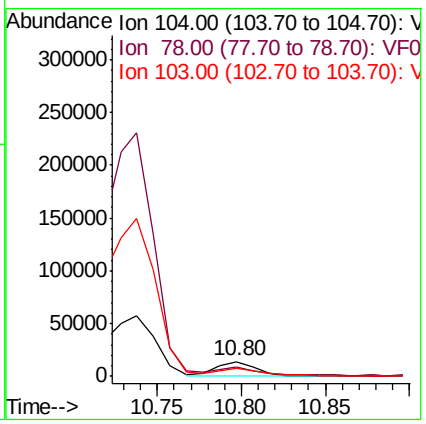


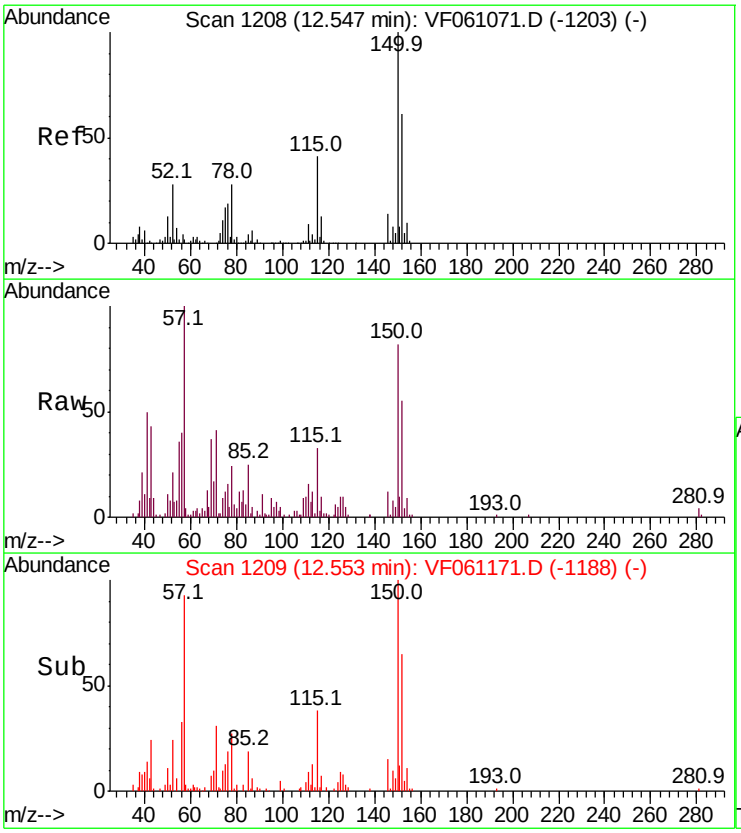
#70
Stvrene
Concen: 29.767 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:104 Resp: 22858

Ion	Ratio	Lower	Upper
104	100		
78	60.1	38.4	57.6#
103	53.2	37.0	55.6

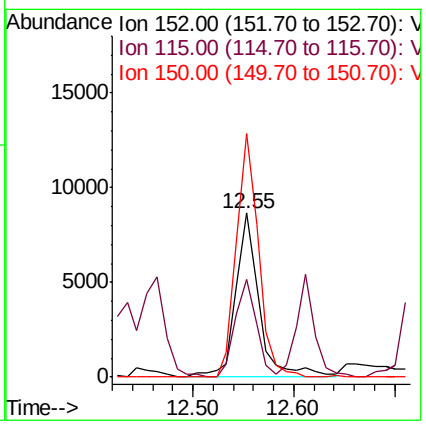


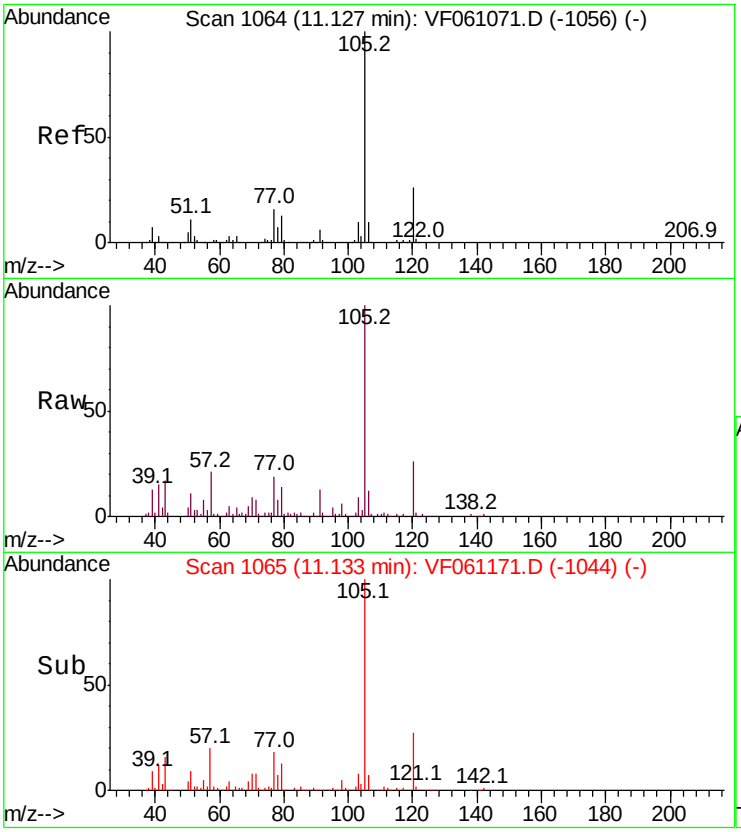


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion:152 Resp: 14080

Ion	Ratio	Lower	Upper
152	100		
115	59.8	33.3	99.9
150	148.6	0.0	328.2



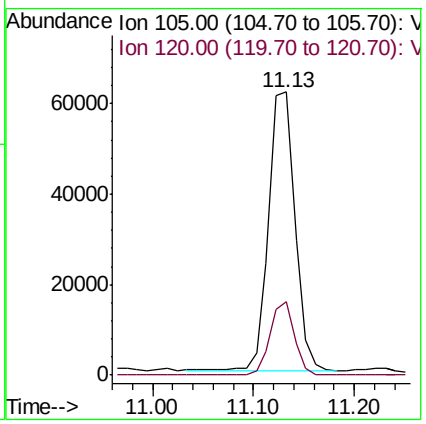


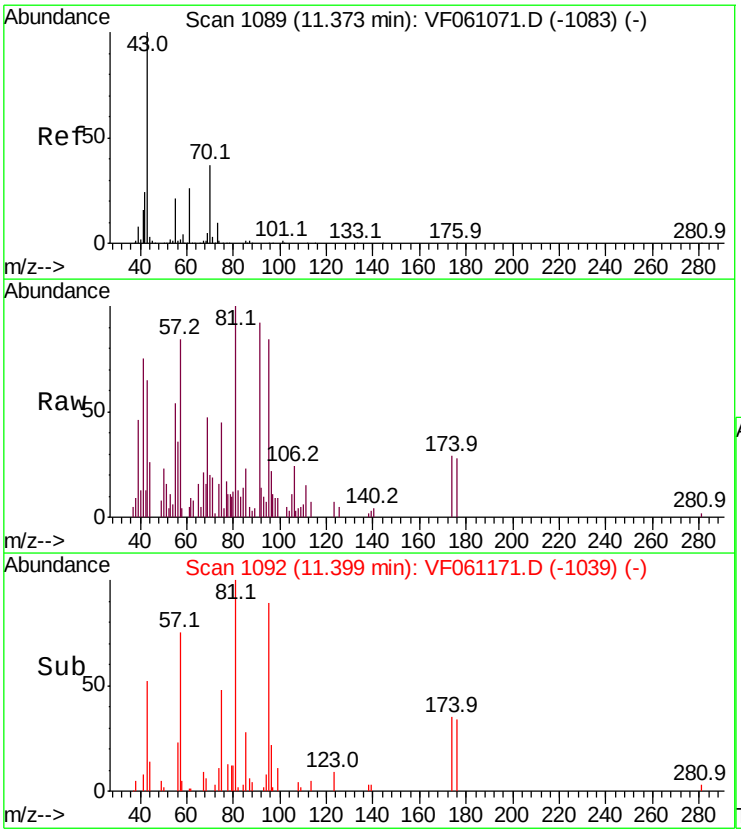
#73
Isopropylbenzene
Concen: 92.532 ug/l
RT: 11.13 min Scan# 1065
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 112274

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	39.0

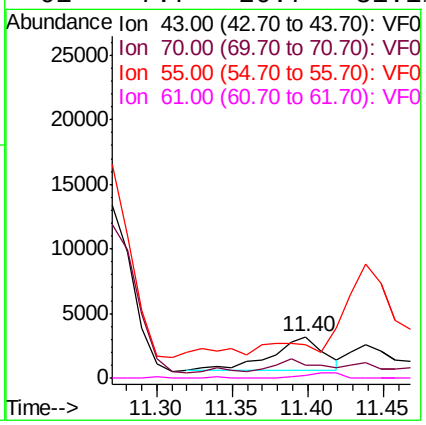


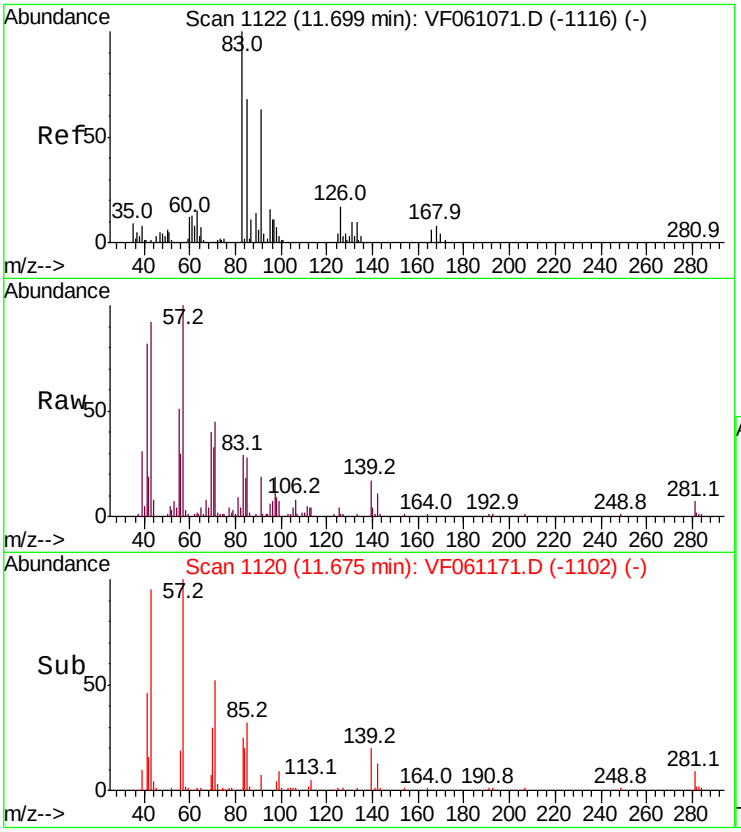


#74
N-amyl acetate
Concen: 22.752 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. 0.03 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 43 Resp: 6129

Ion	Ratio	Lower	Upper
43	100		
70	30.9	29.2	43.8
55	82.3	16.5	24.7#
61	7.7	20.7	31.1#



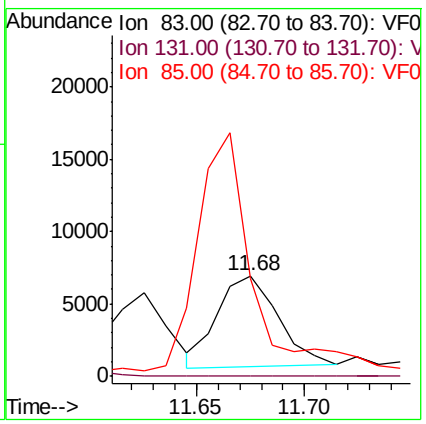


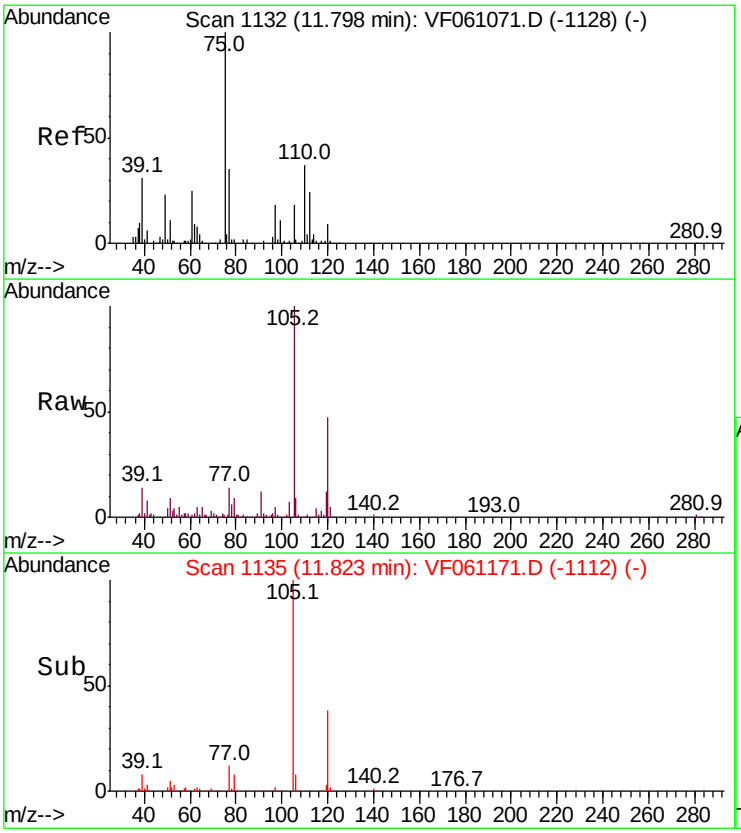
#75
1,1,2,2-Tetrachloroethane
Concen: 61.263 ug/l
RT: 11.68 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 12337

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	97.9	33.9	101.6

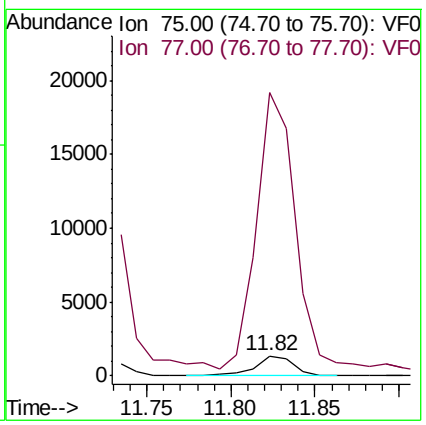


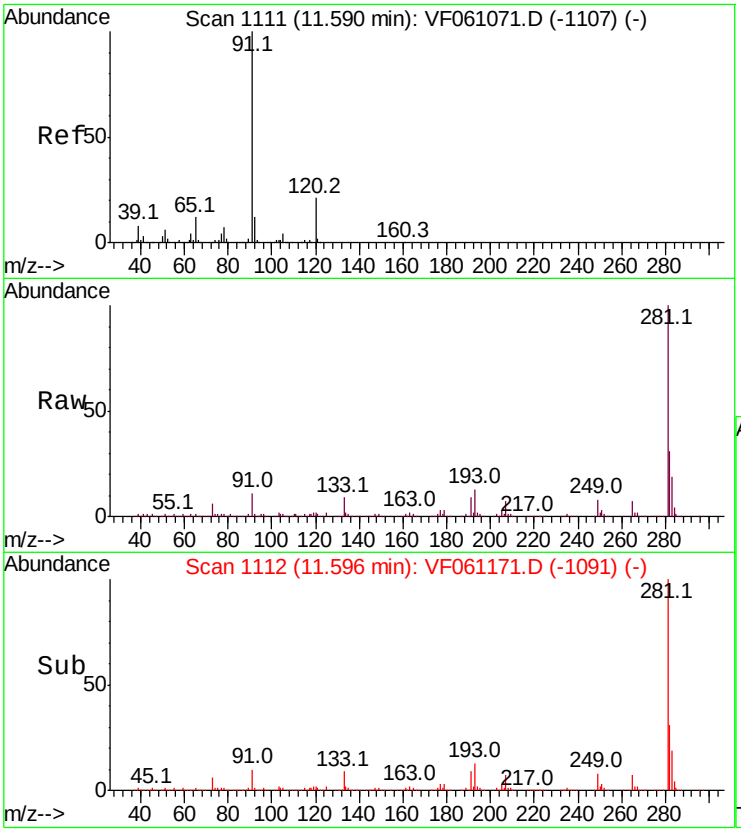


#76
1,2,3-Trichloropropane
Concen: 14.373 ug/l
RT: 11.82 min Scan# 1135
Delta R.T. 0.03 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 75 Resp: 2154

Ion	Ratio	Lower	Upper
75	100		
77	1392.0	17.6	52.9#



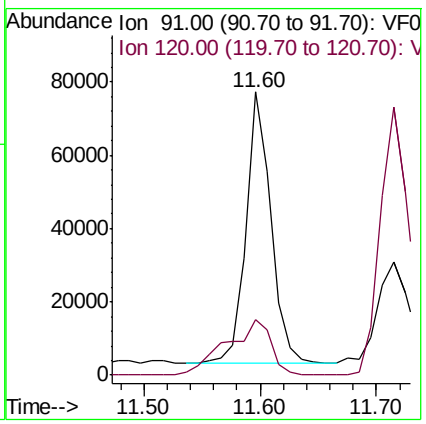


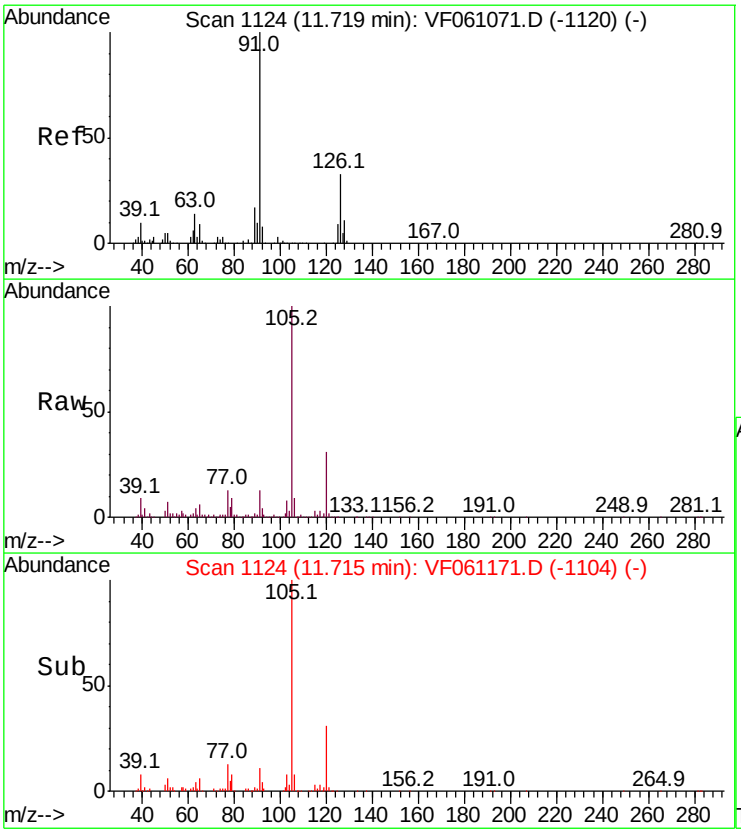
#78
n-propylbenzene
Concen: 97.305 ug/l
RT: 11.60 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 109414

Ion	Ratio	Lower	Upper
91	100		
120	19.5	10.4	31.2

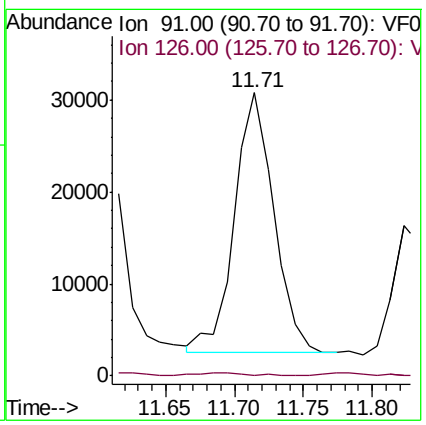


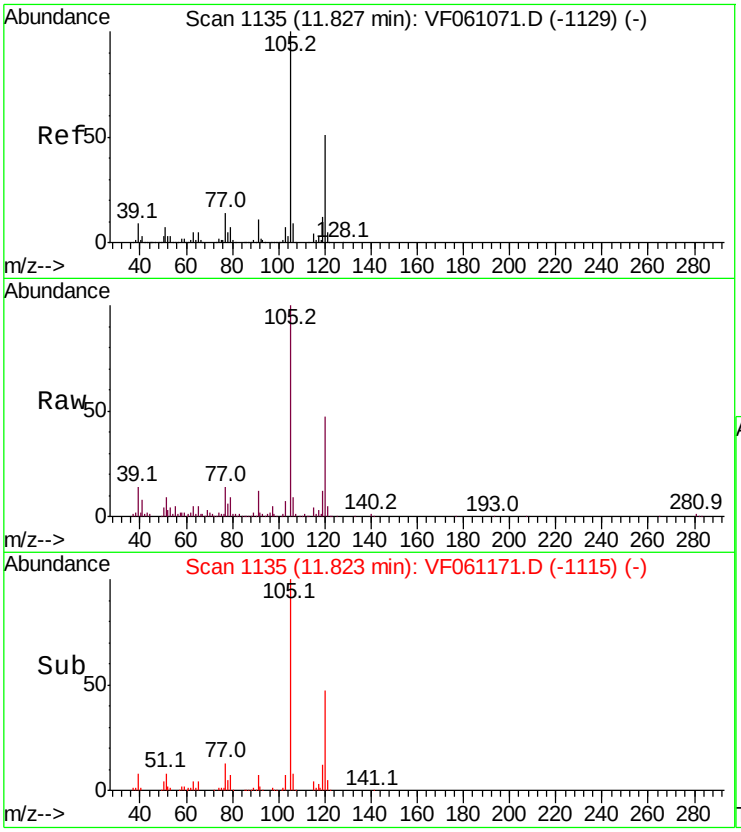


#79
2-Chlorotoluene
Concen: 67.670 ug/l
RT: 11.71 min Scan# 1124
Delta R.T. -0.00 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 91 Resp: 56326

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.4	49.1#



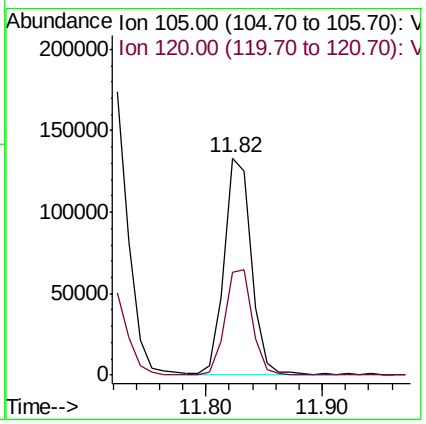


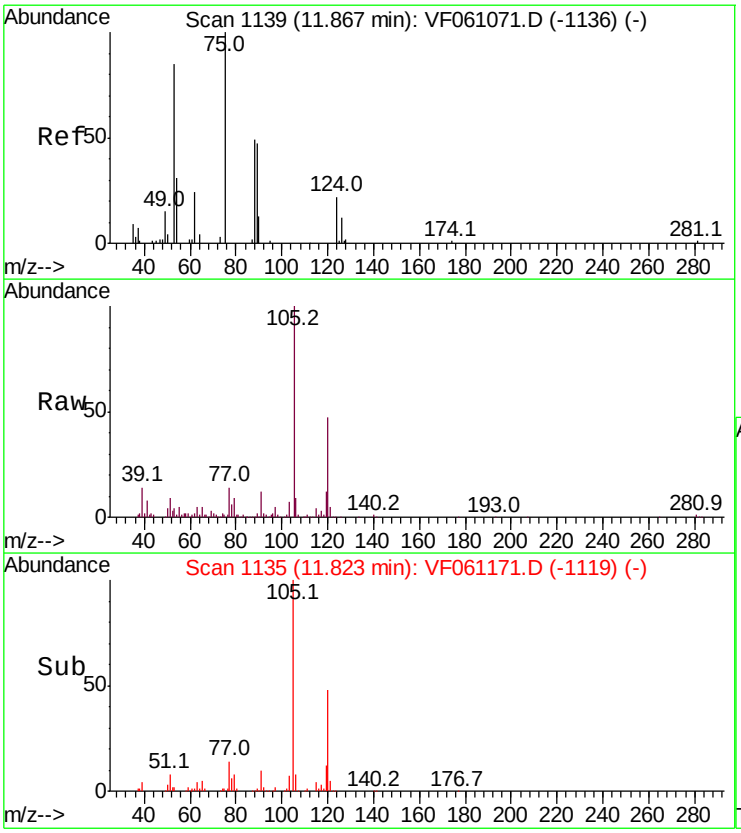
#80
1,3,5-Trimethylbenzene
Concen: 213.892 ug/l
RT: 11.82 min Scan# 1135
Delta R.T. -0.00 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 213700

Ion	Ratio	Lower	Upper
105	100		
120	47.4	25.4	76.4

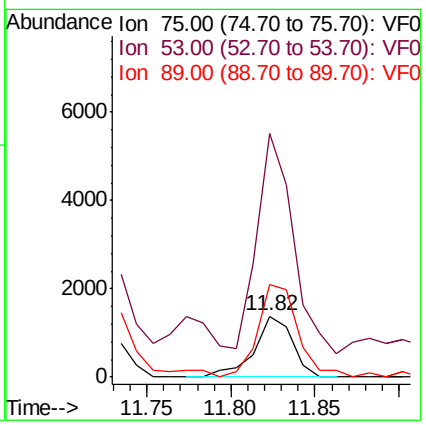


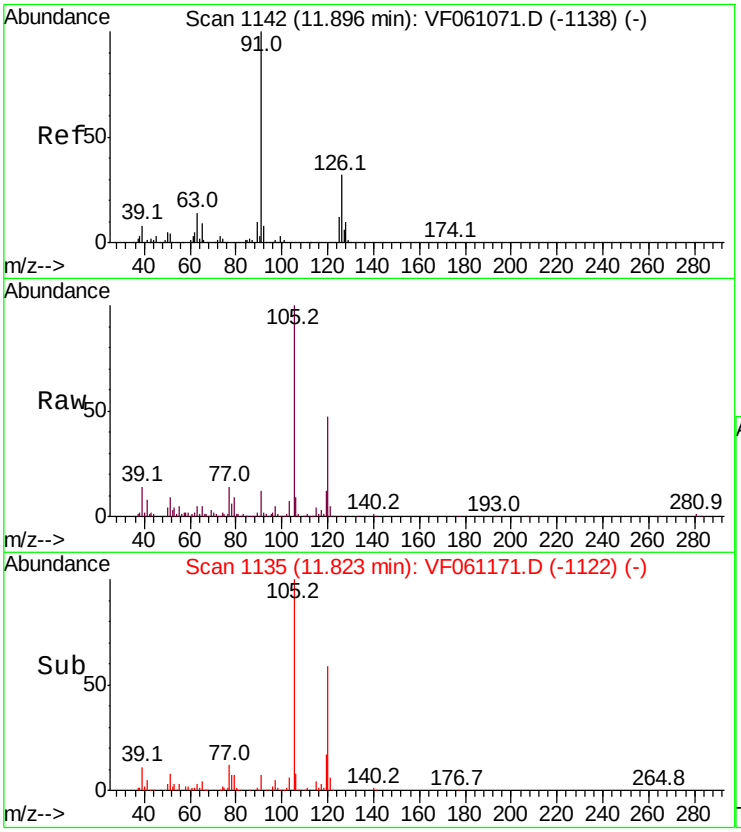


#81
trans-1,4-Dichloro-2-butene
Concen: 33.448 ug/l
RT: 11.82 min Scan# 1135
Delta R.T. -0.04 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 75 Resp: 2154

Ion	Ratio	Lower	Upper
75	100		
53	400.7	74.1	111.1#
89	152.8	42.6	64.0#



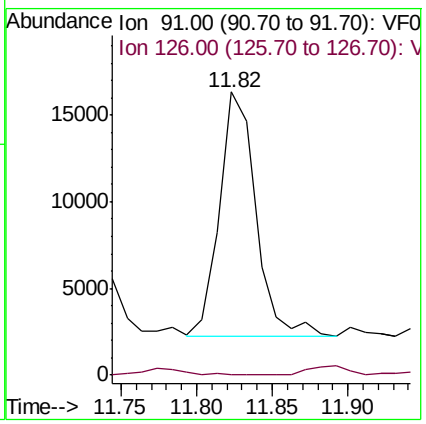


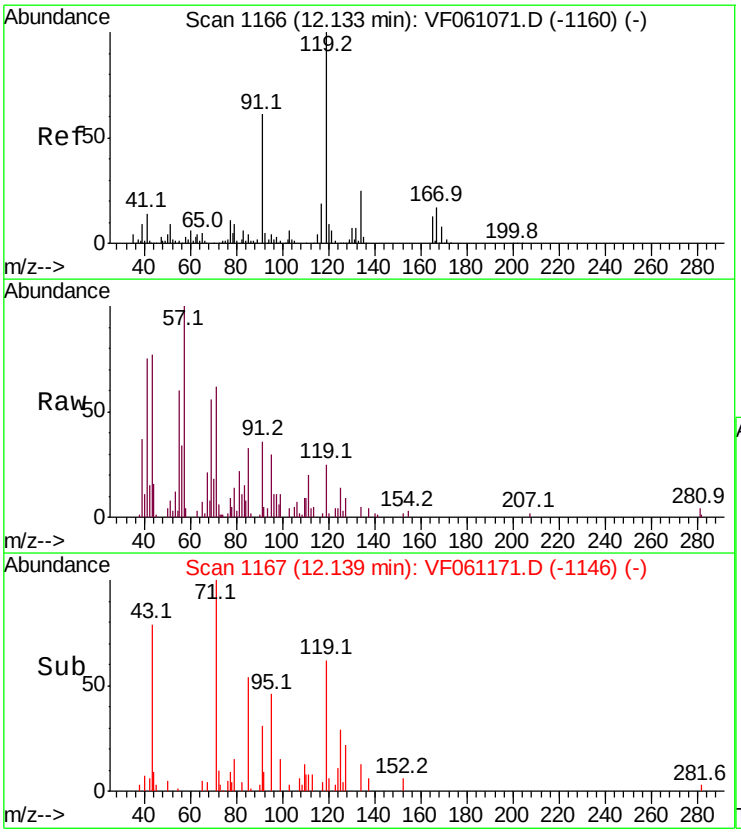
#82
4-Chlorotoluene
Concen: 27.469 ug/l
RT: 11.82 min Scan# 1135
Delta R.T. -0.07 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 23652

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.0	47.9#

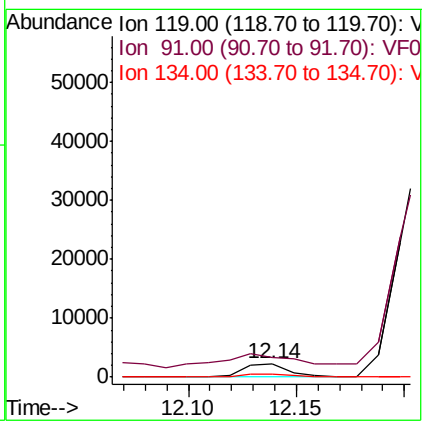


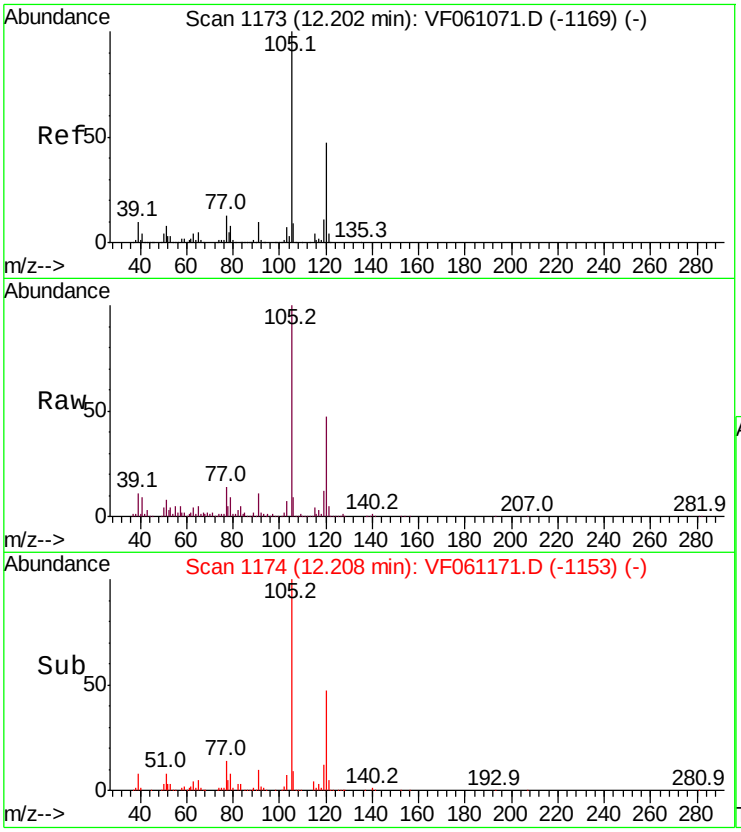


#83
tert-Butylbenzene
Concen: 3.219 ug/l
RT: 12.14 min Scan# 1167
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion:119 Resp: 3309

Ion	Ratio	Lower	Upper
119	100		
91	145.5	30.5	91.5#
134	20.4	12.4	37.4



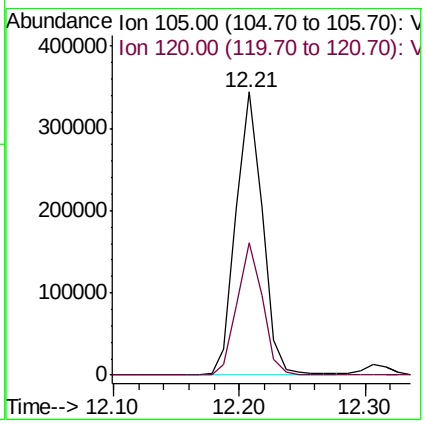


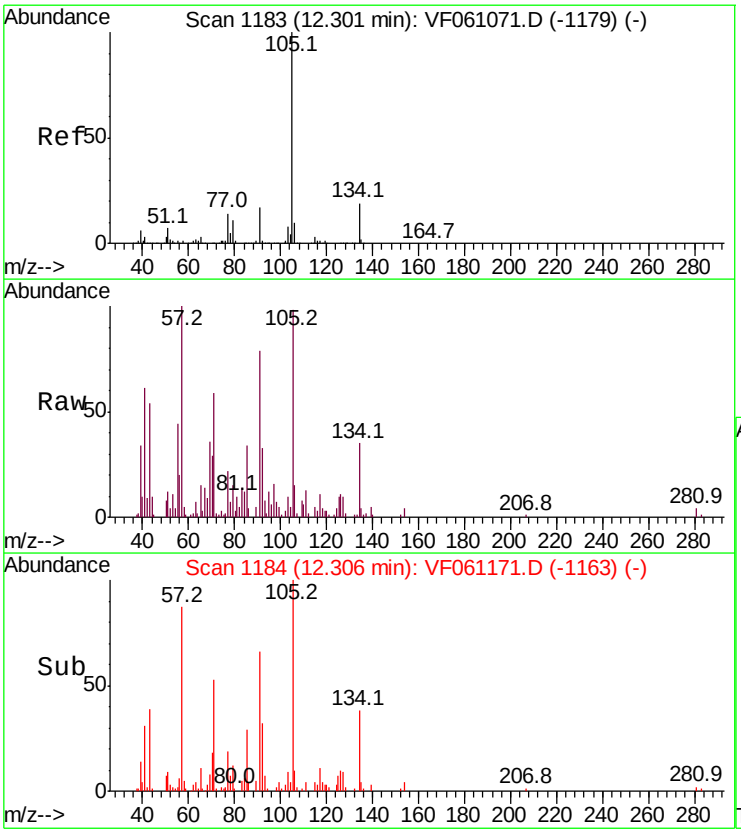
#84
1,2,4-Trimethylbenzene
Concen: 497.929 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 496095

Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.6	71.0

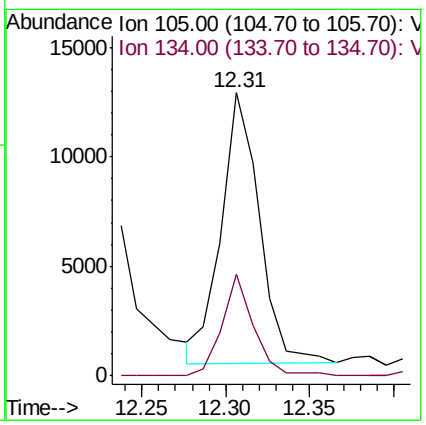


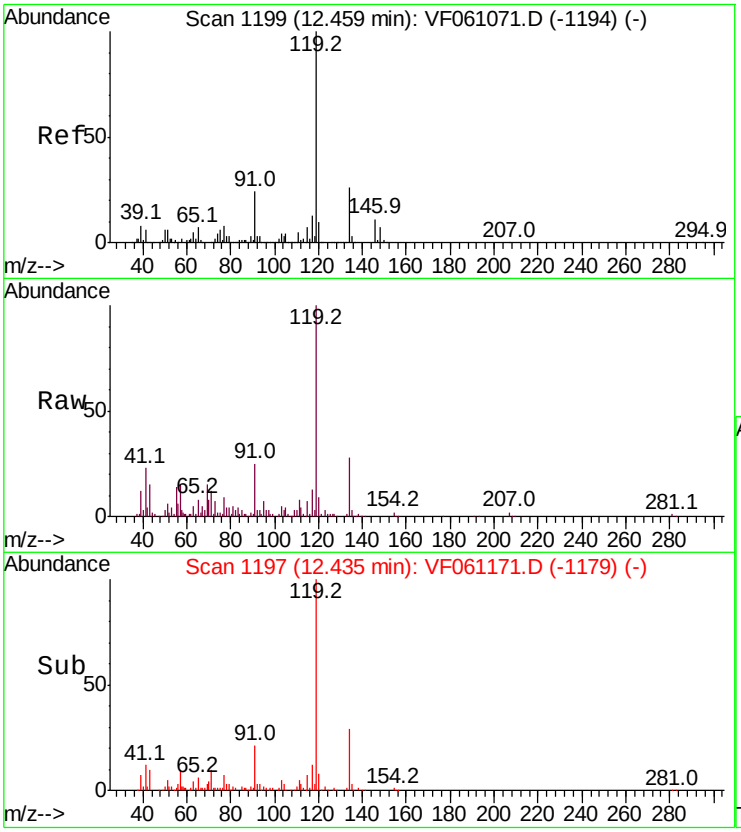


#85
sec-Butylbenzene
Concen: 14.424 ug/l
RT: 12.31 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion:105 Resp: 19353

Ion	Ratio	Lower	Upper
105	100		
134	36.0	9.4	28.2#



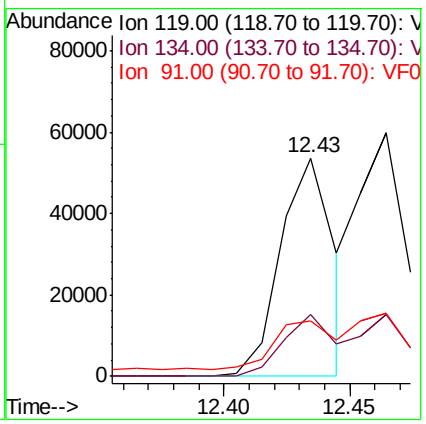


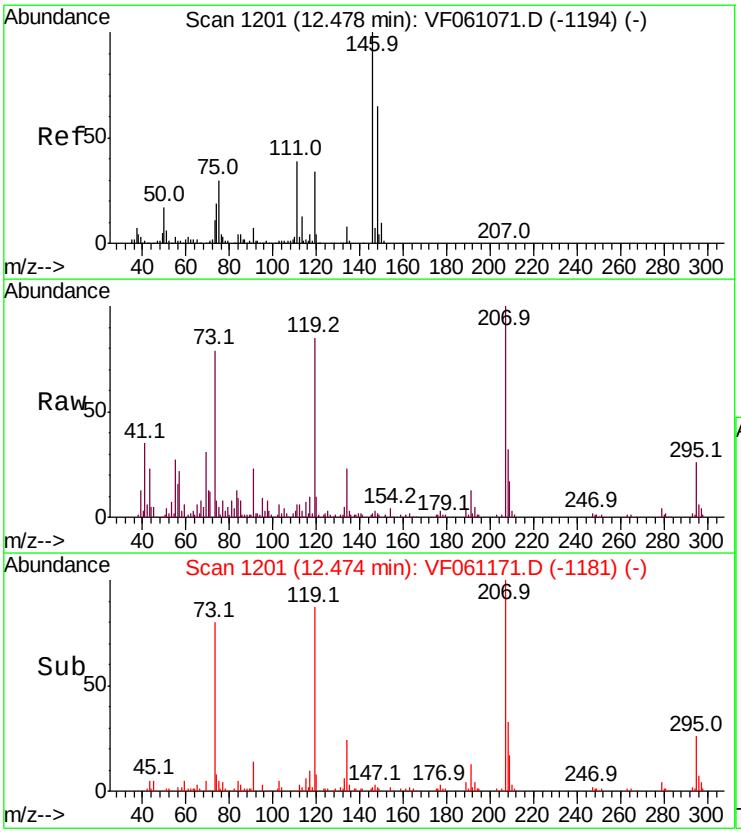
#86
p-Isopropyltoluene
Concen: 70.335 ug/l
RT: 12.43 min Scan# 1197
Delta R.T. -0.02 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:119 Resp: 78329

Ion	Ratio	Lower	Upper
119	100		
134	28.4	12.8	38.4
91	25.4	12.2	36.6

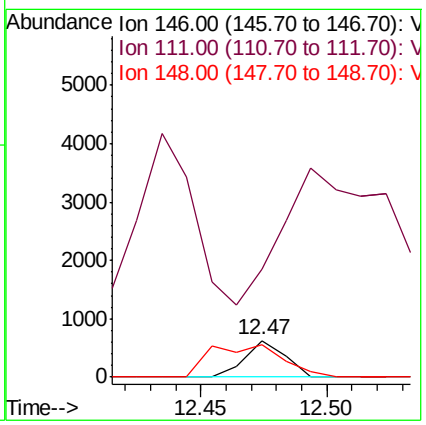


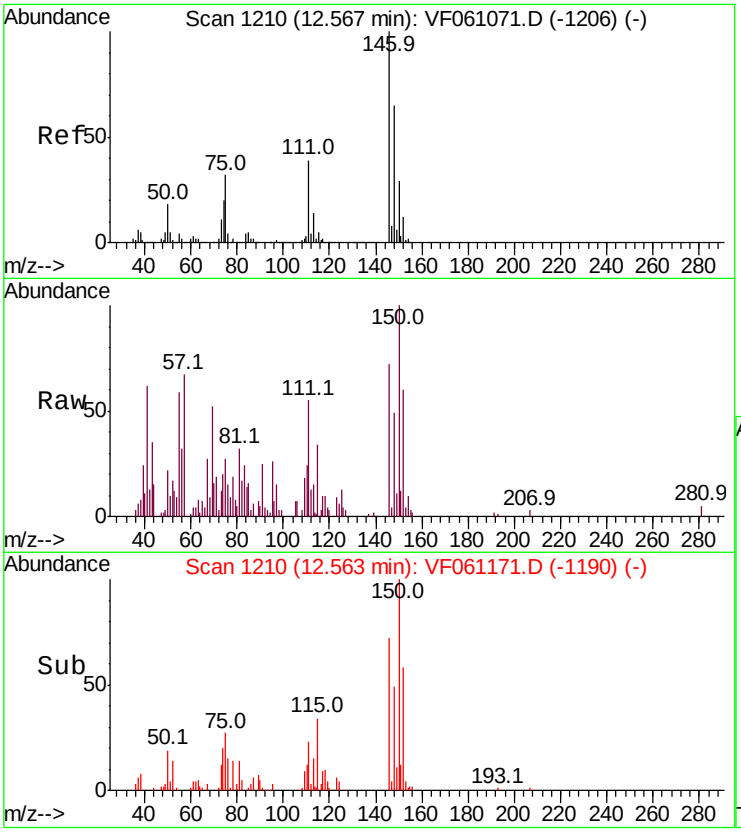


#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.47 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion:146 Resp: 690

Ion	Ratio	Lower	Upper
146	100		
111	295.4	19.3	57.9#
148	90.6	32.4	97.2



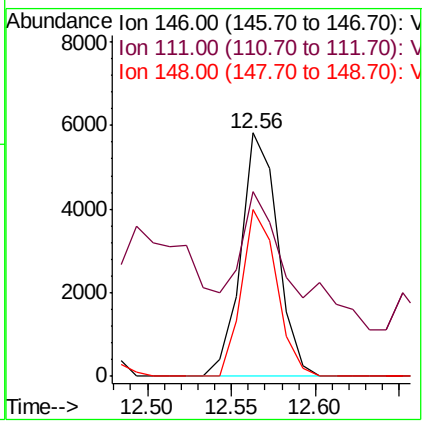


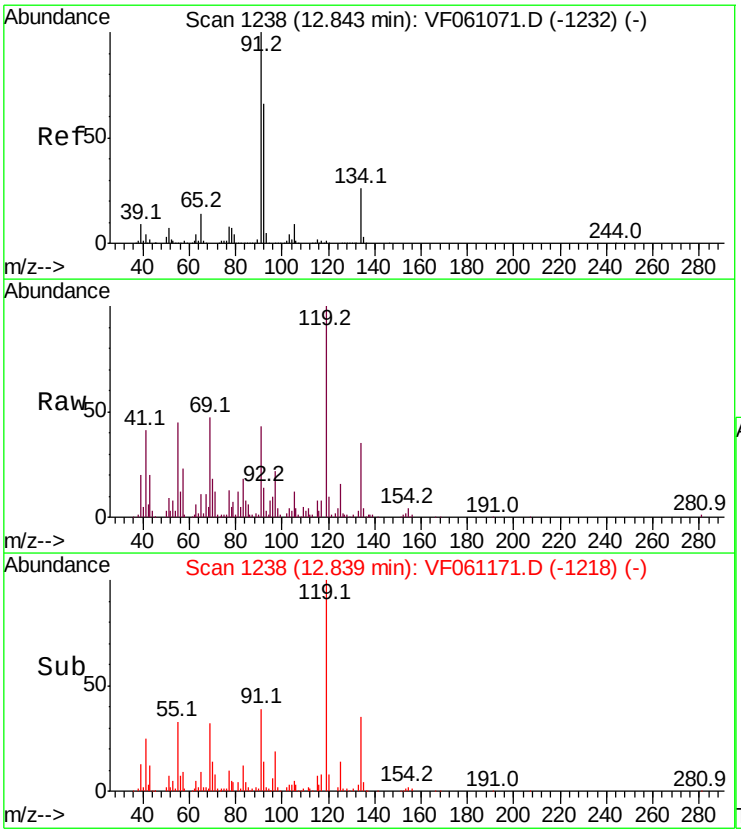
#88
1,4-Dichlorobenzene
Concen: 18.398 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 8824

Ion	Ratio	Lower	Upper
146	100		
111	76.1	19.4	58.4#
148	68.3	32.4	97.0

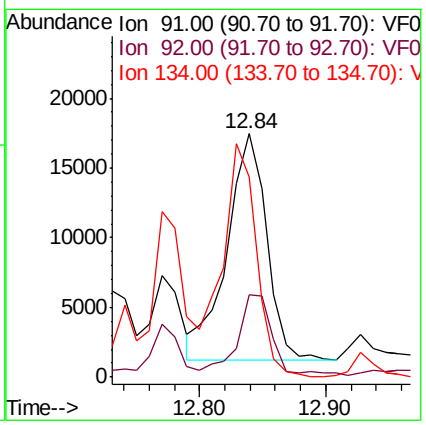


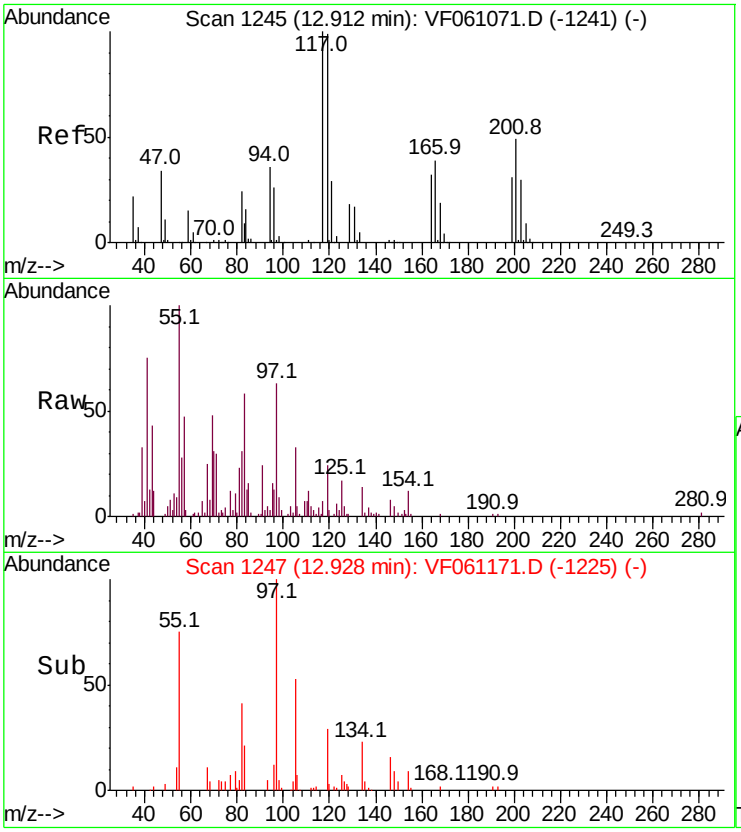


#89
n-Butylbenzene
Concen: 28.752 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion: 91 Resp: 35508

Ion	Ratio	Lower	Upper
91	100		
92	33.7	32.8	98.4
134	81.9	13.2	39.5#



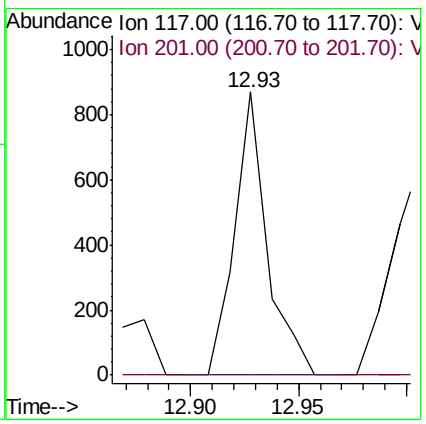


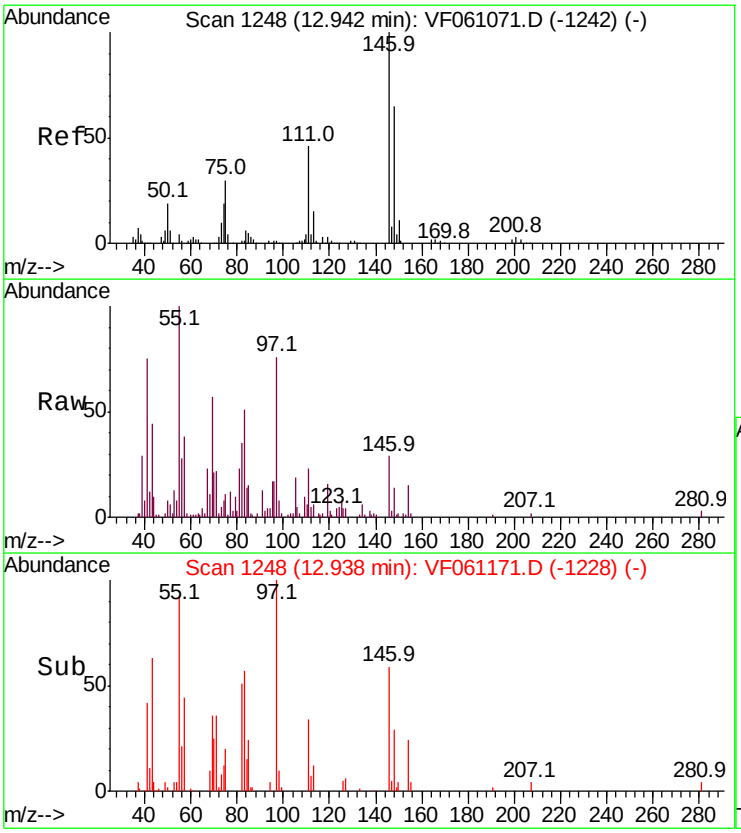
#90
Hexachloroethane
Concen: 3.318 ug/l
RT: 12.93 min Scan# 1247
Delta R.T. 0.02 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 913

Ion	Ratio	Lower	Upper
117	100		
201	0.0	24.9	74.8#

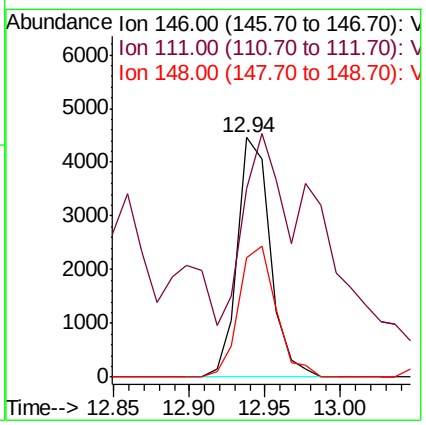


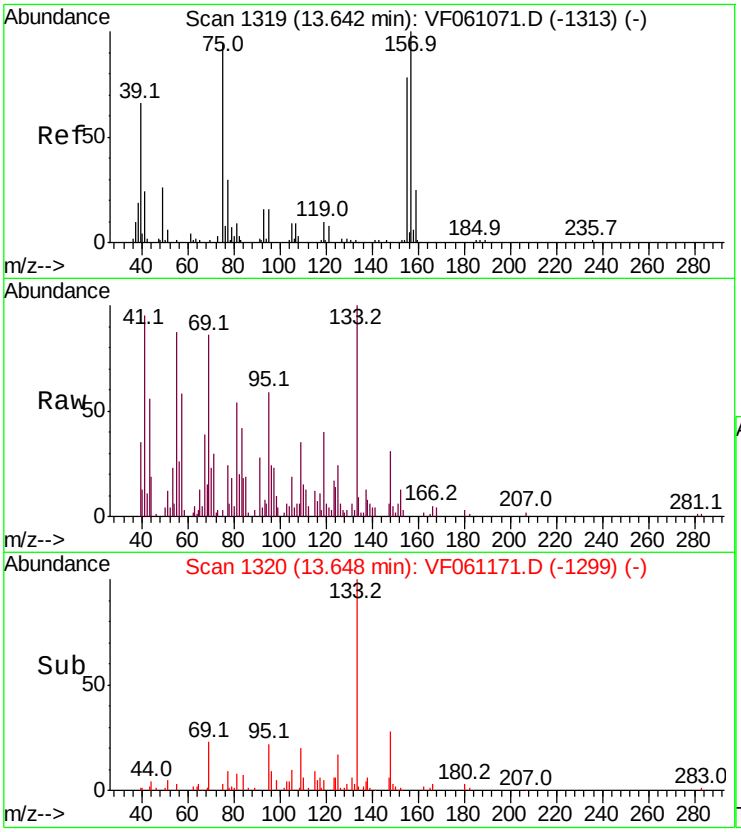


#91
1,2-Dichlorobenzene
Concen: 14.477 ug/l
RT: 12.94 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion:146 Resp: 6760

Ion	Ratio	Lower	Upper
146	100		
111	78.9	23.2	69.5#
148	49.7	32.4	97.0



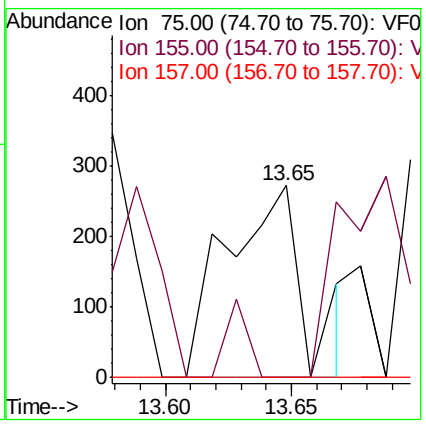


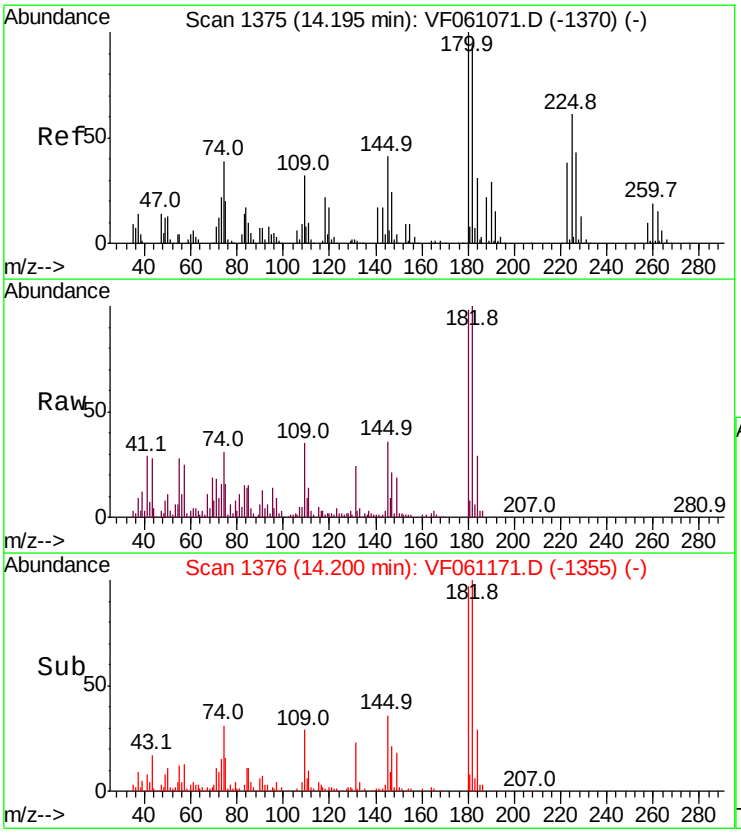
#92
1,2-Dibromo-3-Chloropropane
Concen: 15.912 ug/l
RT: 13.65 min Scan# 1320
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 588

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

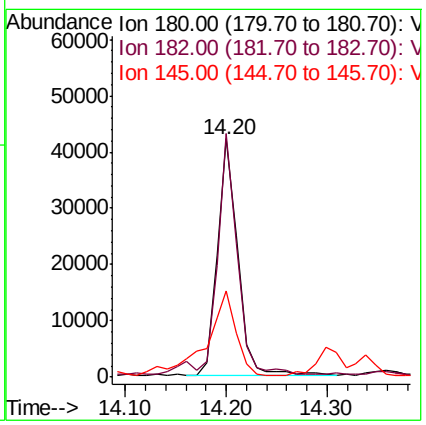


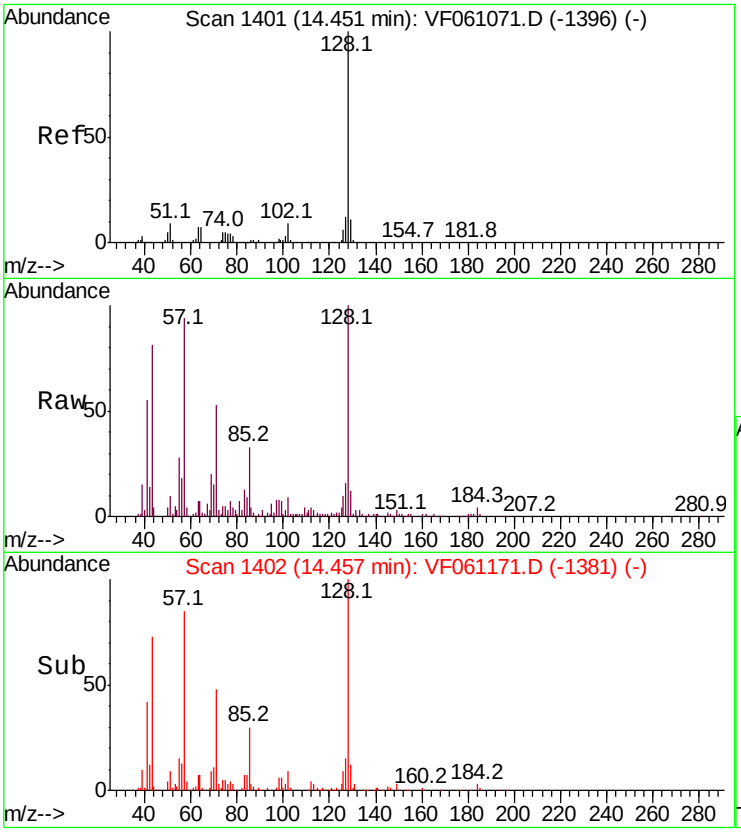


#93
1,2,4-Trichlorobenzene
Concen: 179.799 ug/l
RT: 14.20 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion:180 Resp: 59541

Ion	Ratio	Lower	Upper
180	100		
182	102.3	46.9	140.6
145	36.5	20.5	61.6



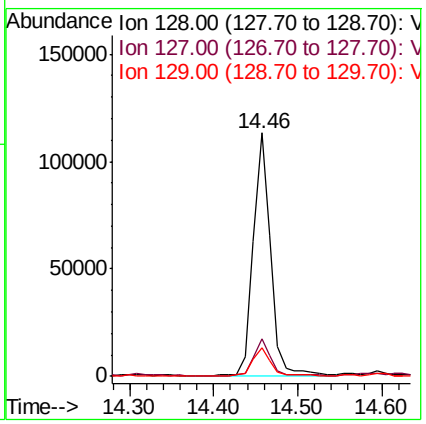


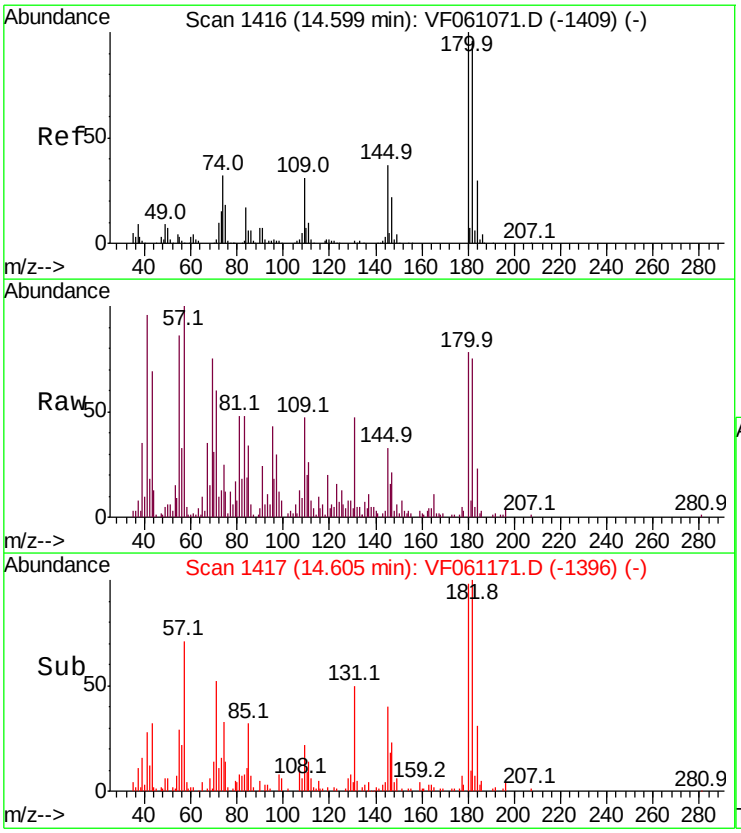
#95
Naphthalene
Concen: 272.779 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 164949

Ion	Ratio	Lower	Upper
128	100		
127	15.6	9.4	14.2#
129	11.7	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 60.803 ug/l
RT: 14.60 min Scan# 1417
Delta R.T. 0.01 min
Lab File: VF061171.D
Acq: 24 Dec 2018 18:05

Tgt Ion:180 Resp: 18614

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.9	143.8
145	42.0	18.6	55.8