Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF010719\
Data File : VF061281.D
Acq On : 7 Jan 2019 16:07
Operator : VA/AP
Sample : K1064-01
Misc : 6.44g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Quant Time: Jan 08 00:09:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010319S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 03:27:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	121841	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	234958	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	135304	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	34454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	106767	69.03	ug/l	-0.02
Spiked Amount 50.000			Recovery = 138.06%			
35) Dibromofluoromethane	4.10	113	111377	61.61	ug/l	-0.02
Spiked Amount 50.000			Recovery = 123.22%			
50) Toluene-d8	7.54	98	190854	35.58	ug/l	-0.02
Spiked Amount 50.000			Recovery = 71.16%			
62) 4-Bromofluorobenzene	11.40	95	78341	32.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 65.92%			
Target Compounds						Qvalue
8) Diethyl Ether	1.63	74	422	1.059	ug/l	69
11) Tert butyl alcohol	2.55	59	2505	38.384	ug/l	95
13) Acrolein	2.09	56	214	Below Cal		84
14) Allyl chloride	2.00	41	10832	6.678	ug/l #	63
15) Acrylonitrile	2.91	53	853	4.889	ug/l #	50
16) Acetone	2.23	43	18247	53.127	ug/l	94
17) Carbon Disulfide	1.76	76	7513	2.103	ug/l	99
18) Methyl Acetate	2.33	43	17590	28.513	ug/l #	87
20) Methylene Chloride	2.18	84	25329	18.267	ug/l	97
23) Vinyl Acetate	3.12	43	3403	1.822	ug/l #	91
25) 2-Butanone	4.32	43	7909	1.253	ug/l #	81
29) Tetrahydrofuran	4.05	42	25980	123.852	ug/l #	91
31) Cyclohexane	3.69	56	13939	5.500	ug/l	94
37) Ethyl Acetate	3.99	43	30310	27.433	ug/l #	1
39) Methylcyclohexane	5.44	83	59778	20.209	ug/l	89
40) Benzene	4.62	78	9459	1.506	ug/l	95
41) Methacrylonitrile	4.66	41	12589	21.154	ug/l #	45
43) Isopropyl Acetate	7.01	43	5765	3.911	ug/l #	46
48) Methyl methacrylate	6.80	41	21135	22.140	ug/l #	44
49) 1,4-Dioxane	6.40	88	70	10.583	ug/l #	1
51) 4-Methyl-2-Pentanone	8.26	43	46763	42.405	ug/l #	47
52) Toluene	7.61	92	18231	4.446	ug/l	98
55) 1,1,2-Trichloroethane	8.37	97	13586	11.521	ug/l #	47
56) Ethyl methacrylate	8.61	69	64722	49.660	ug/l	88
59) 2-Hexanone	9.52	43	10486	14.146	ug/l #	38
67) Ethyl Benzene	9.88	91	6631	1.311	ug/l	95
68) m/p-Xylenes	10.12	106	8740	4.735	ug/l	81
69) o-Xylene	10.70	106	61309	30.705	ug/l	92
74) N-amyl acetate	11.38	43	29420	39.816	ug/l #	26
75) 1,1,2,2-Tetrachloroethane	11.67	83	28866	56.467	ug/l #	1
76) 1,2,3-Trichloropropane	11.81	75	3918	10.324	ug/l #	1
78) n-propylbenzene	11.59	91	8744	2.507	ug/l	88
79) 2-Chlorotoluene	11.72	91	29345	14.566	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.81	105	339973	143.892	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010719\
Data File : VF061281.D
Acq On : 7 Jan 2019 16:07
Operator : VA/AP
Sample : K1064-01
Misc : 6.44g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Quant Time: Jan 08 00:09:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010319S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 03:27:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.86	75	179	1.029	ug/l	#	1
82) 4-Chlorotoluene	11.94	91	3333	1.632	ug/l	#	62
83) tert-Butylbenzene	12.12	119	30028	12.326	ug/l		85
84) 1,2,4-Trimethylbenzene	12.20	105	32069	13.634	ug/l		90
85) sec-Butylbenzene	12.30	105	9007	2.726	ug/l		96
86) p-Isopropyltoluene	12.43	119	308894	113.452	ug/l		96
89) n-Butylbenzene	12.82	91	120546	49.143	ug/l	#	1
90) Hexachloroethane	12.92	117	11141	16.586	ug/l	#	25
92) 1,2-Dibromo-3-Chloropropan	13.61	75	2913	31.709	ug/l	#	13
93) 1,2,4-Trichlorobenzene	14.19	180	3546	4.422	ug/l	#	1
95) Naphthalene	14.45	128	48924	32.638	ug/l	#	1
96) 1,2,3-Trichlorobenzene	14.64	180	20962	28.191	ug/l	#	16

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF010719\
Data File : VF061281.D
Acq On : 7 Jan 2019 16:07
Operator : VA/AP
Sample : K1064-01
Misc : 6.44g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

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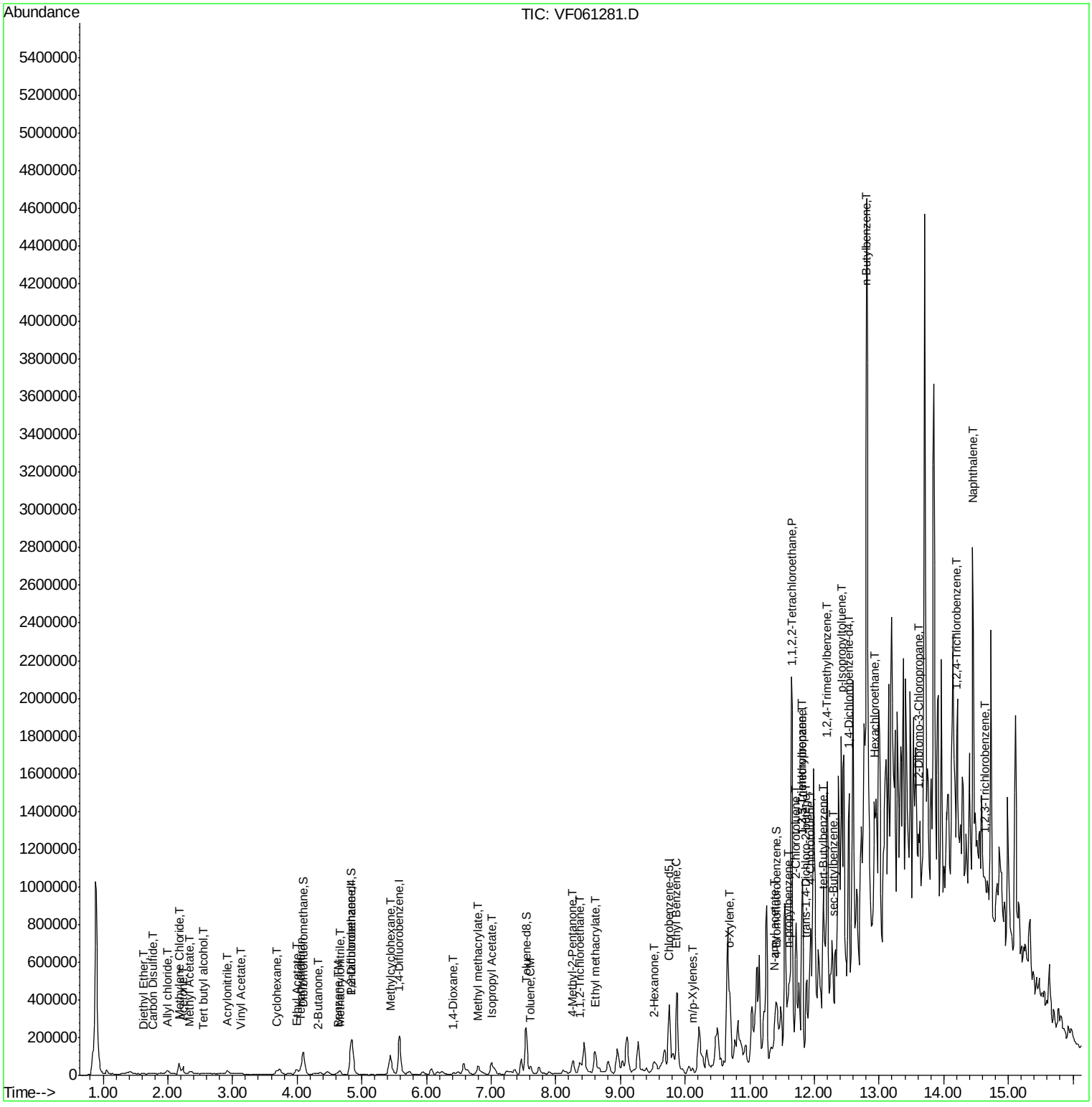
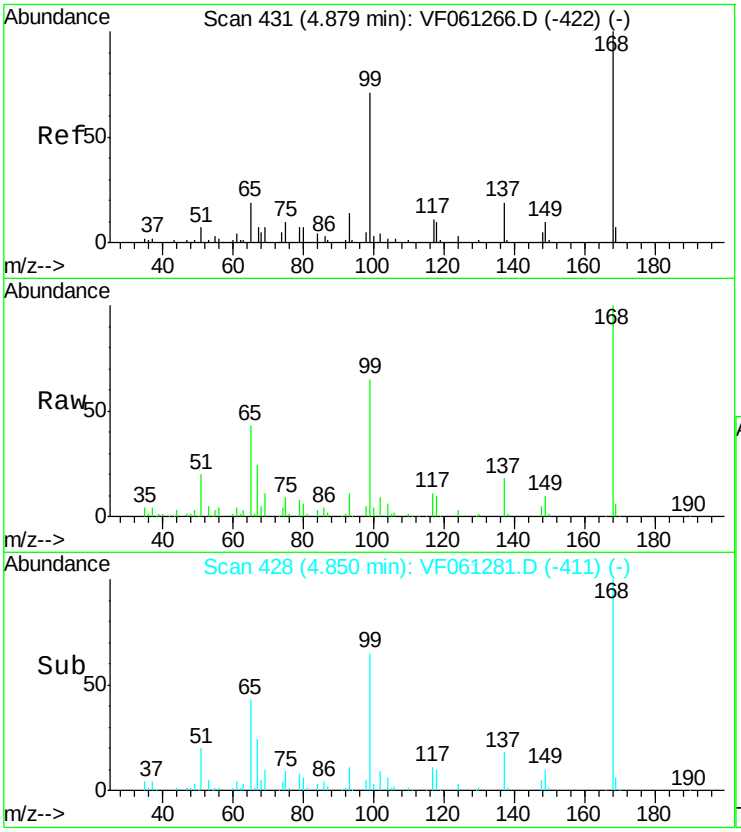
MSVOA_F
ClientSampleId :
P-1419-S

Quant Time: Jan 08 00:09:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010319S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 03:27:18 2019
Response via : Initial Calibration

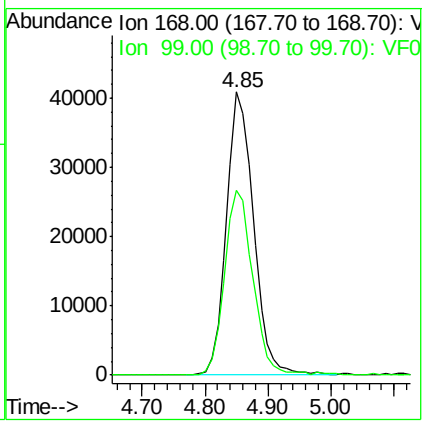




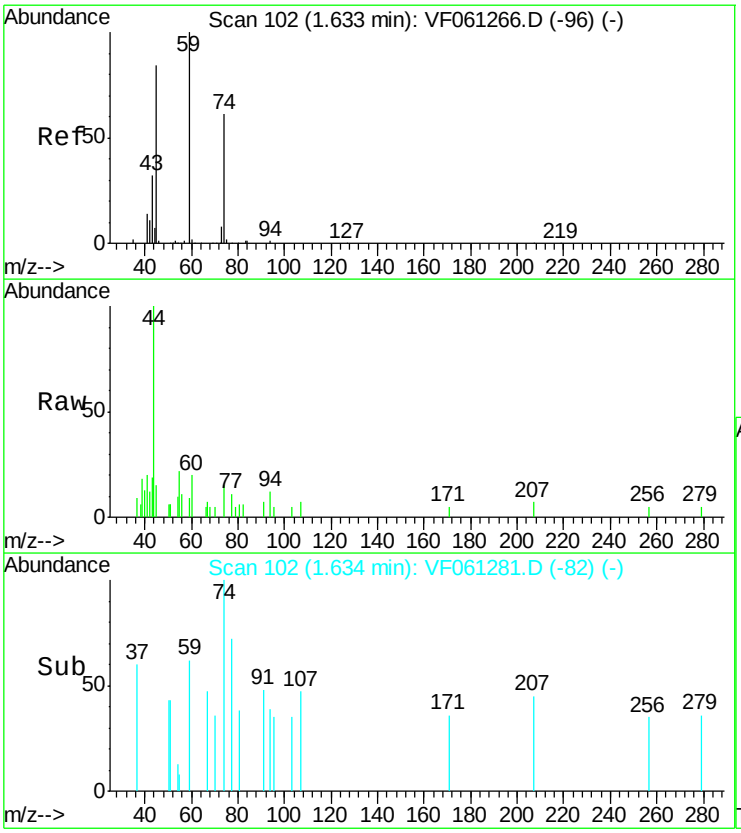
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion:168 Resp: 121841

Ion	Ratio	Lower	Upper
168	100		
99	65.2	57.0	85.6



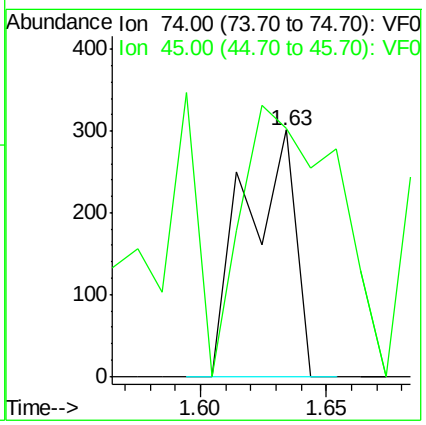
Instrument :
MSVOA_F
ClientSampleId :
P-1419-S

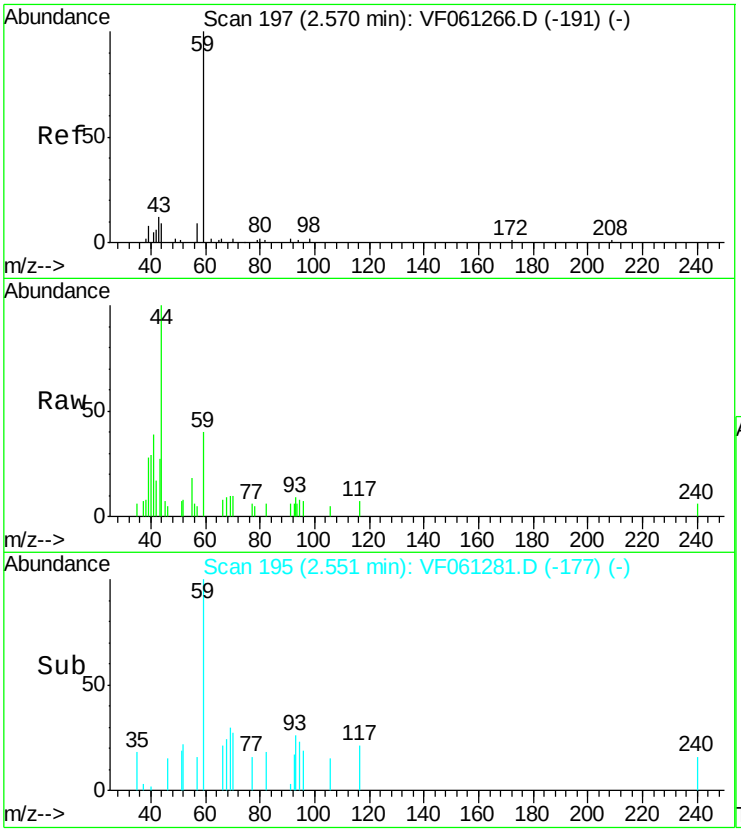


#8
Diethyl Ether
Concen: 1.059 ug/l
RT: 1.63 min Scan# 102
Delta R.T. 0.00 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion: 74 Resp: 422

Ion	Ratio	Lower	Upper
74	100		
45	101.0	69.0	207.0



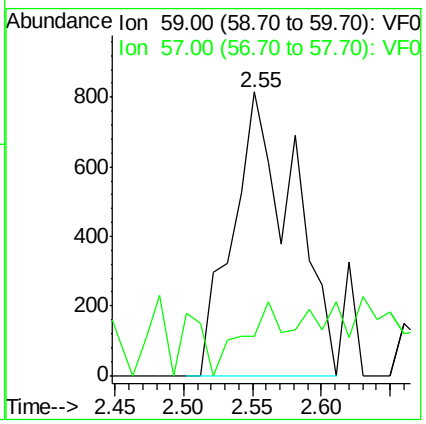


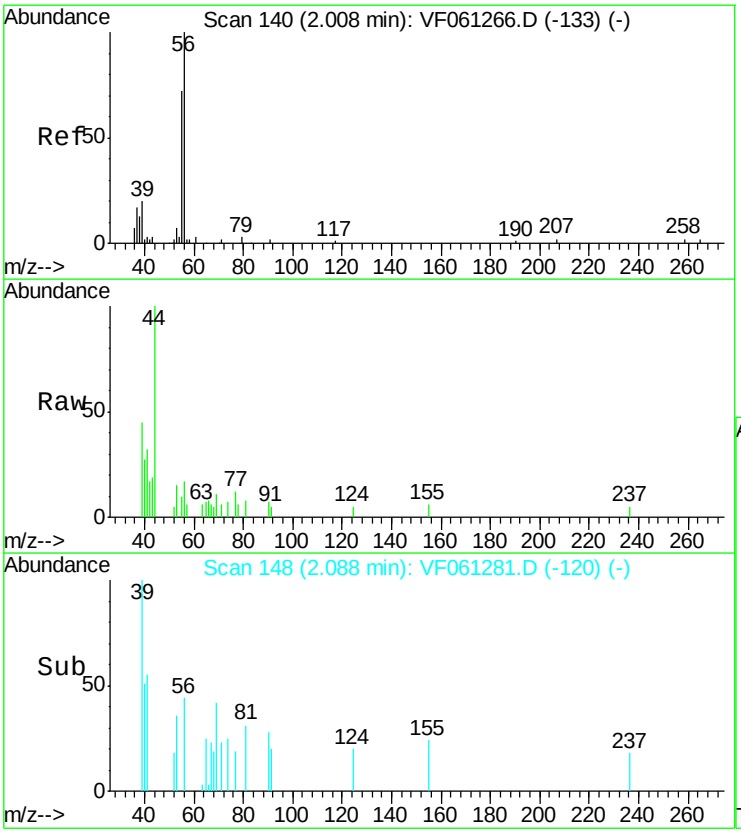
#11
Tert butyl alcohol
Concen: 38.384 ug/l
RT: 2.55 min Scan# 195
Delta R.T. -0.02 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Tgt Ion: 59 Resp: 2505

Ion	Ratio	Lower	Upper
59	100		
57	13.6	12.6	18.8

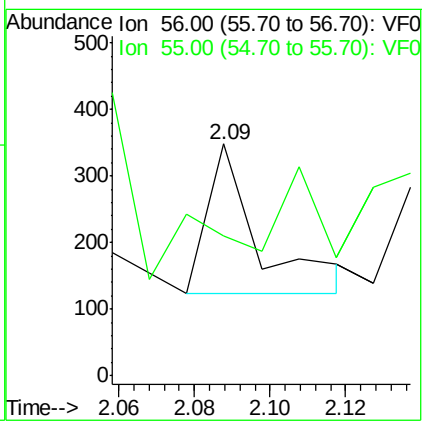


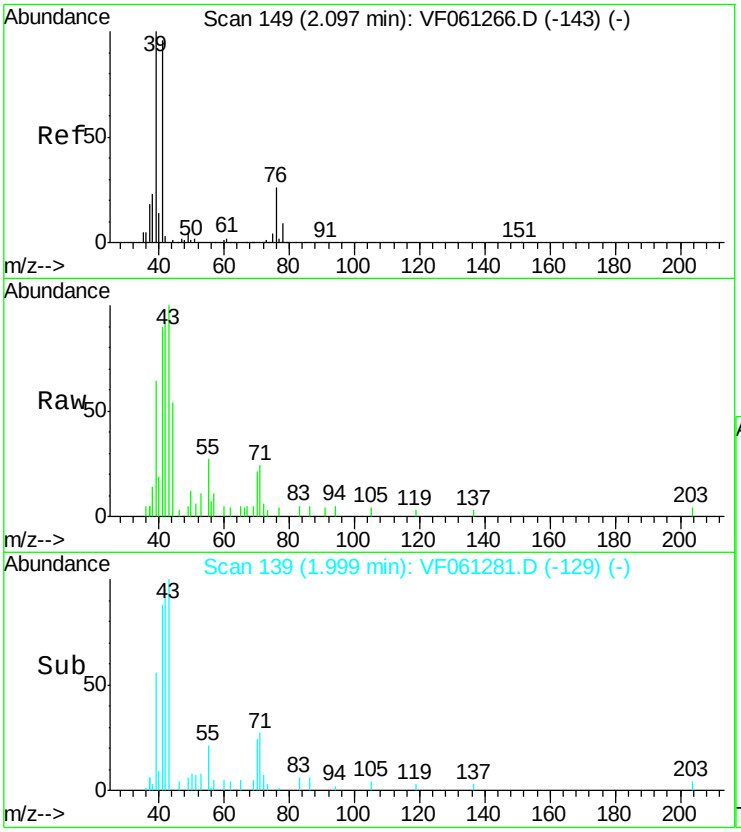


#13
Acrolein
Concen: Below Cal
RT: 2.09 min Scan# 148
Delta R.T. 0.08 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion: 56 Resp: 214

Ion	Ratio	Lower	Upper
56	100		
55	60.6	59.7	89.5



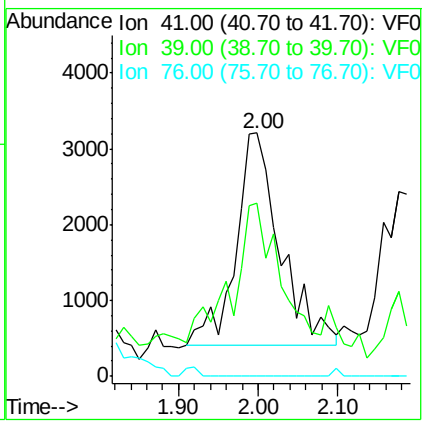


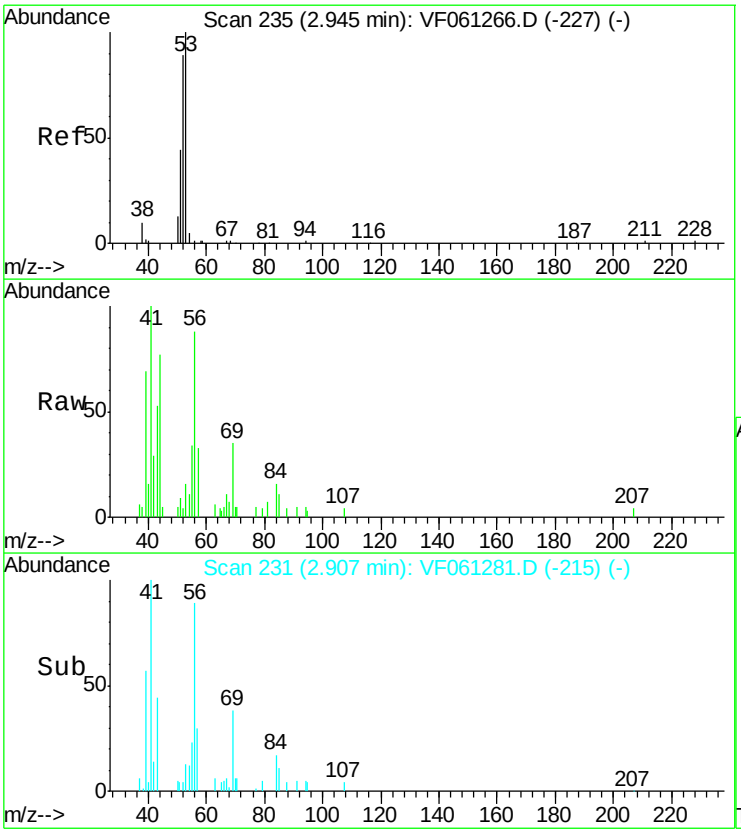
#14
Allyl chloride
Concen: 6.678 ug/l
RT: 2.00 min Scan# 139
Delta R.T. -0.10 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Tgt Ion: 41 Resp: 10832

Ion	Ratio	Lower	Upper
41	100		
39	71.1	83.4	125.2#
76	0.0	23.9	35.9#

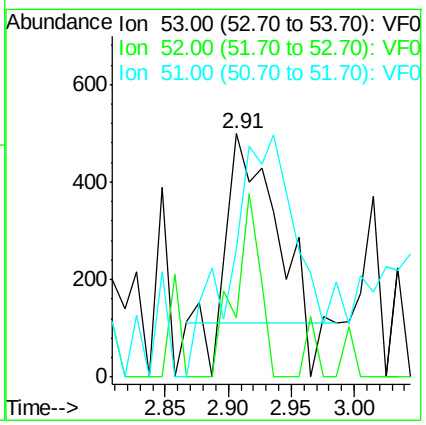


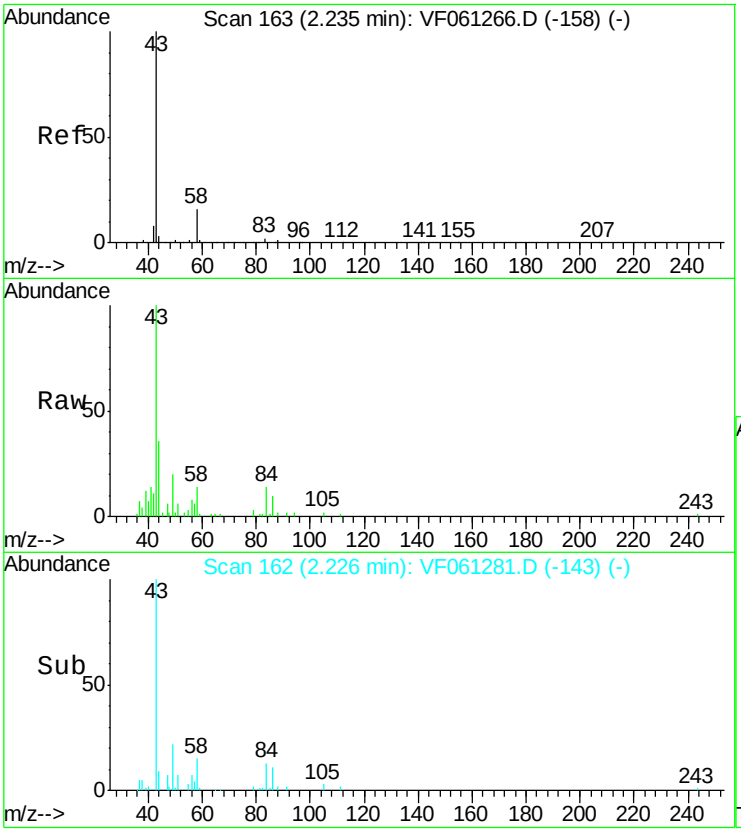


#15
Acrylonitrile
Concen: 4.889 ug/l
RT: 2.91 min Scan# 231
Delta R.T. -0.04 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion: 53 Resp: 853

Ion	Ratio	Lower	Upper
53	100		
52	24.2	71.3	106.9#
51	52.9	36.2	54.4



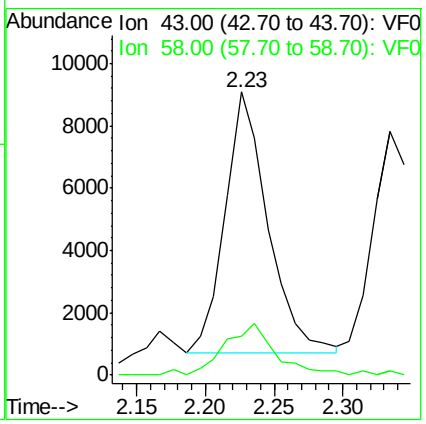


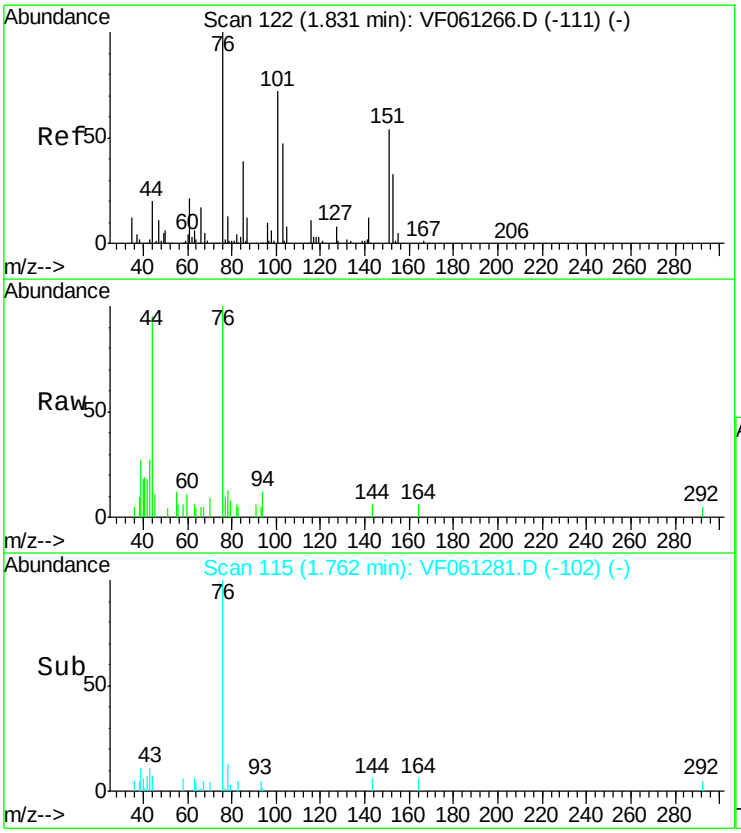
#16
Acetone
Concen: 53.127 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Tgt Ion: 43 Resp: 18247

Ion	Ratio	Lower	Upper
43	100		
58	13.5	13.0	19.4

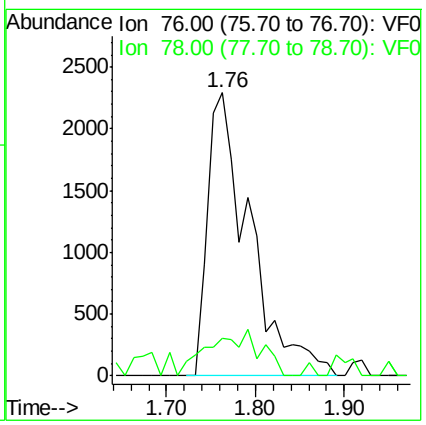


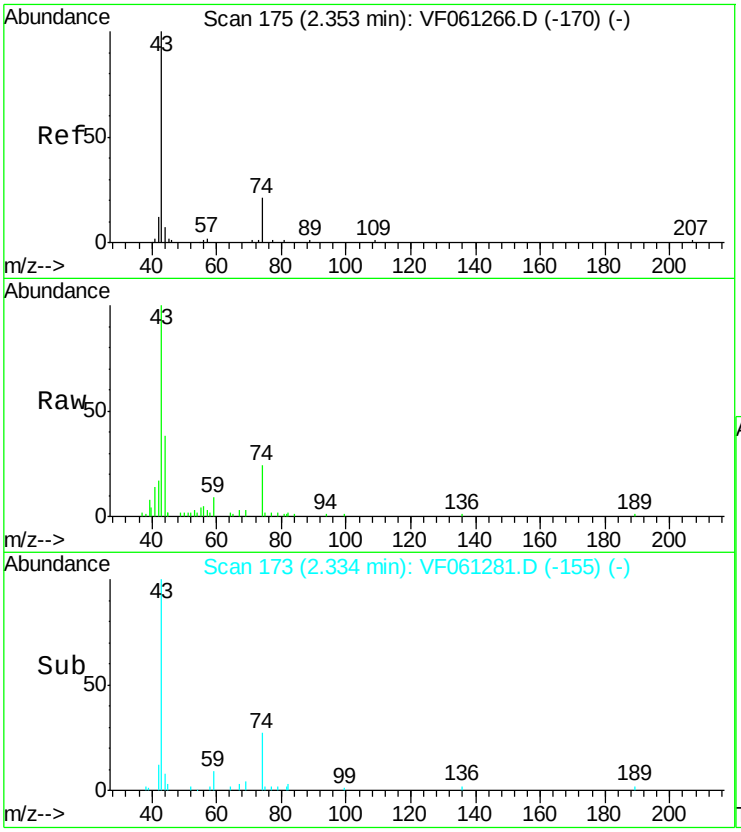


#17
Carbon Disulfide
Concen: 2.103 ug/l
RT: 1.76 min Scan# 115
Delta R.T. -0.07 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion: 76 Resp: 7513

Ion	Ratio	Lower	Upper
76	100		
78	13.1	10.2	15.4



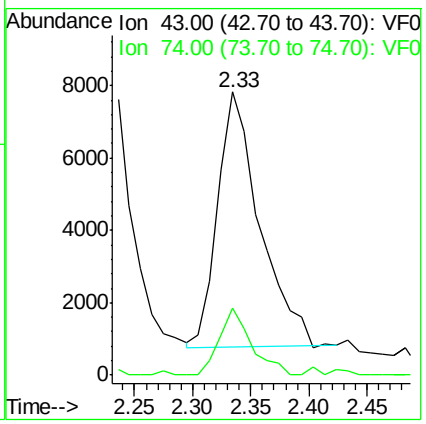


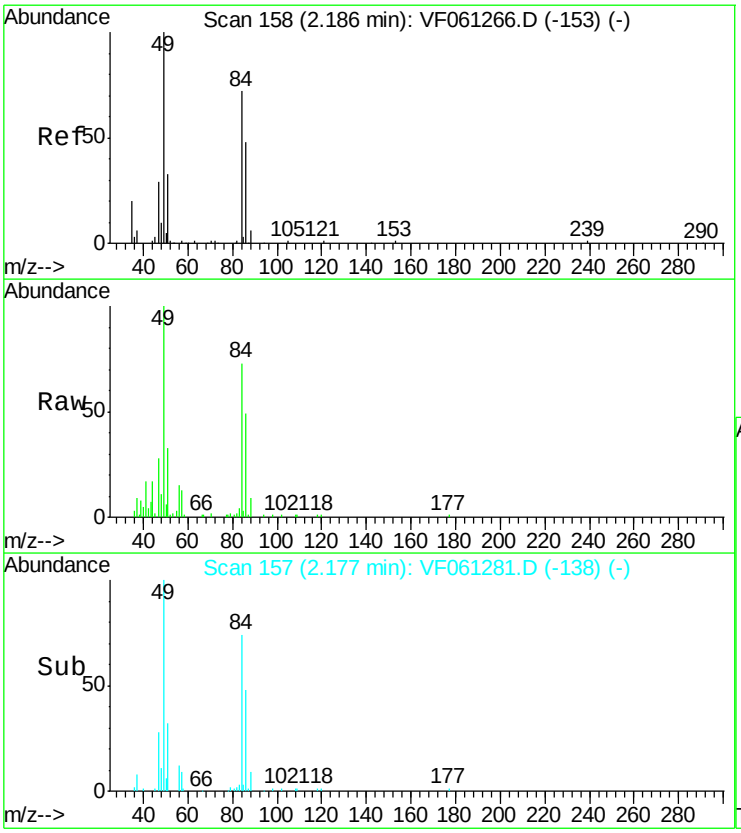
#18
Methyl Acetate
Concen: 28.513 ug/l
RT: 2.33 min Scan# 173
Delta R.T. -0.02 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Tgt Ion: 43 Resp: 17590

Ion	Ratio	Lower	Upper
43	100		
74	23.7	14.4	21.6#

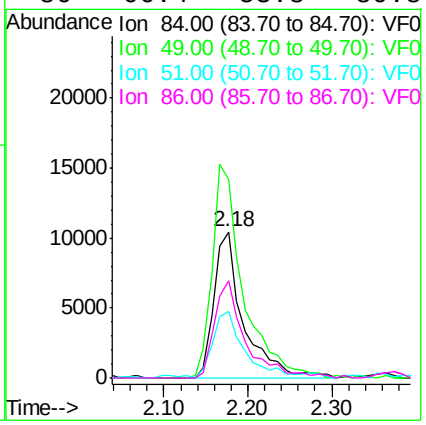


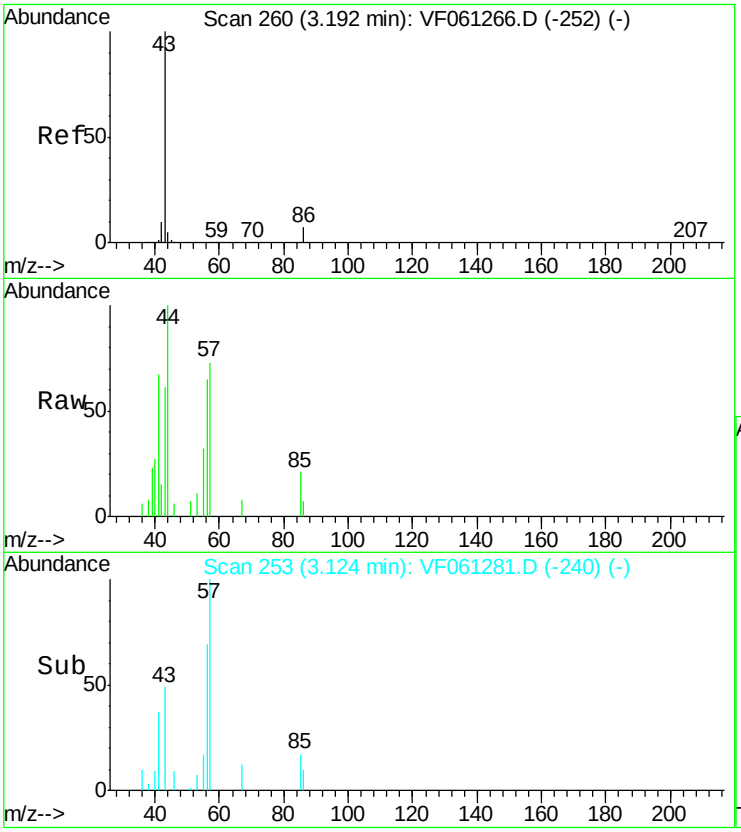


#20
Methylene Chloride
Concen: 18.267 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion: 84 Resp: 25329

Ion	Ratio	Lower	Upper
84	100		
49	136.1	112.9	169.3
51	45.2	37.9	56.9
86	66.4	53.8	80.8



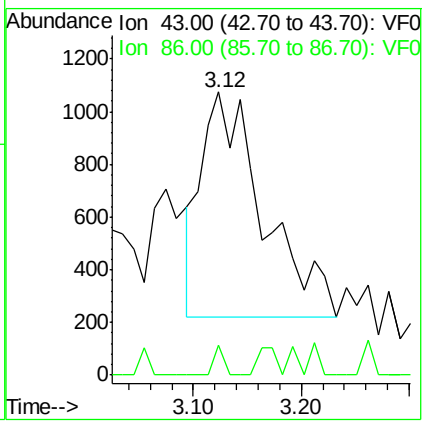


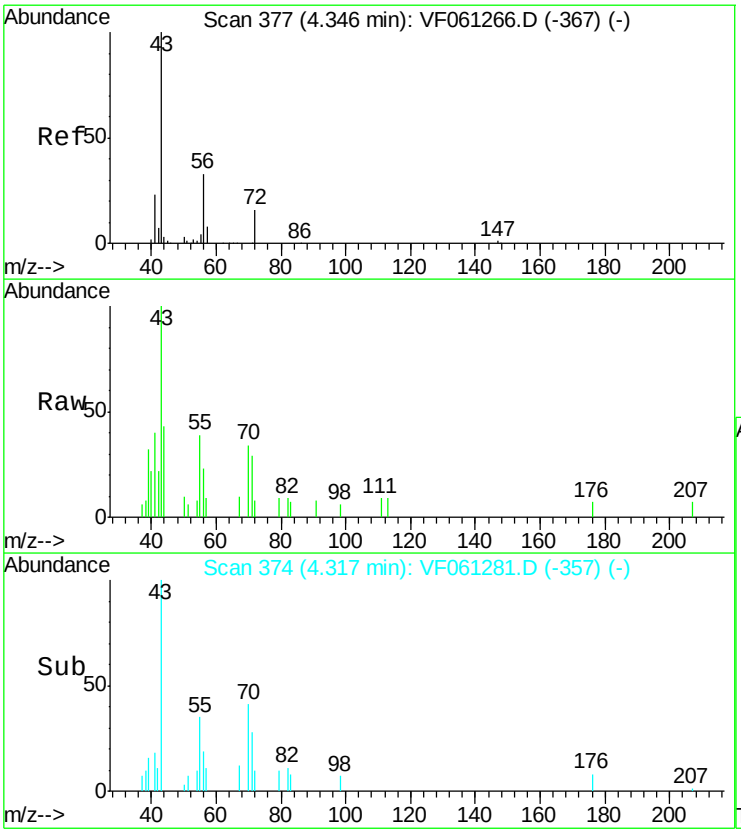
#23
Vinyl Acetate
Concen: 1.822 ug/l
RT: 3.12 min Scan# 253
Delta R.T. -0.07 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Tgt Ion: 43 Resp: 3403

Ion	Ratio	Lower	Upper
43	100		
86	10.8	6.0	9.0#

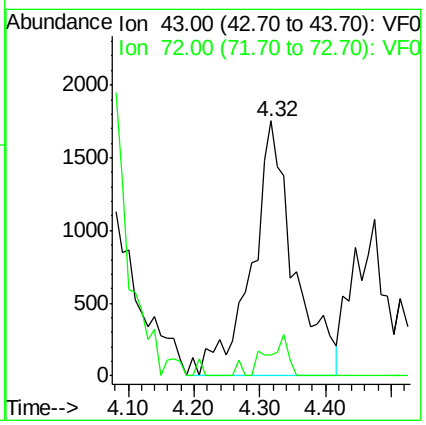


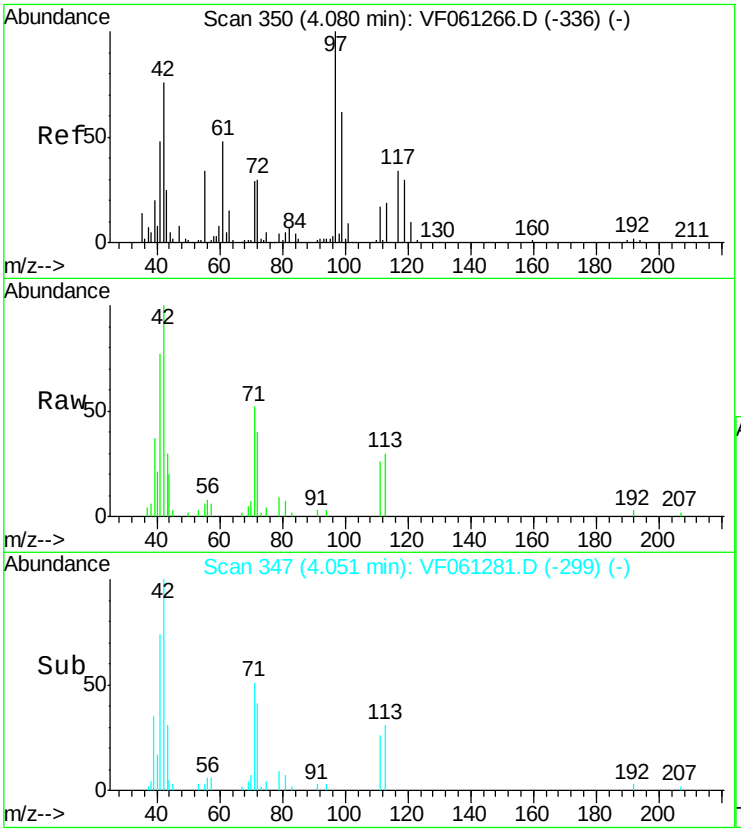


#25
2-Butanone
Concen: 1.253 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.03 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion: 43 Resp: 7909

Ion	Ratio	Lower	Upper
43	100		
72	8.3	13.0	19.6#



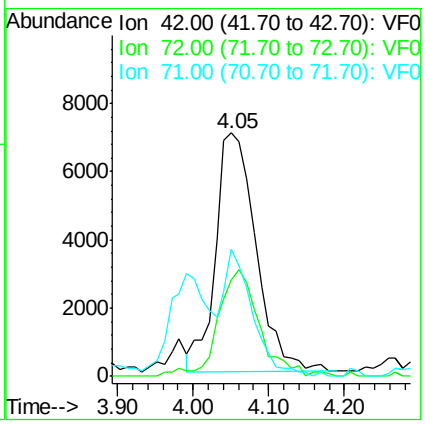


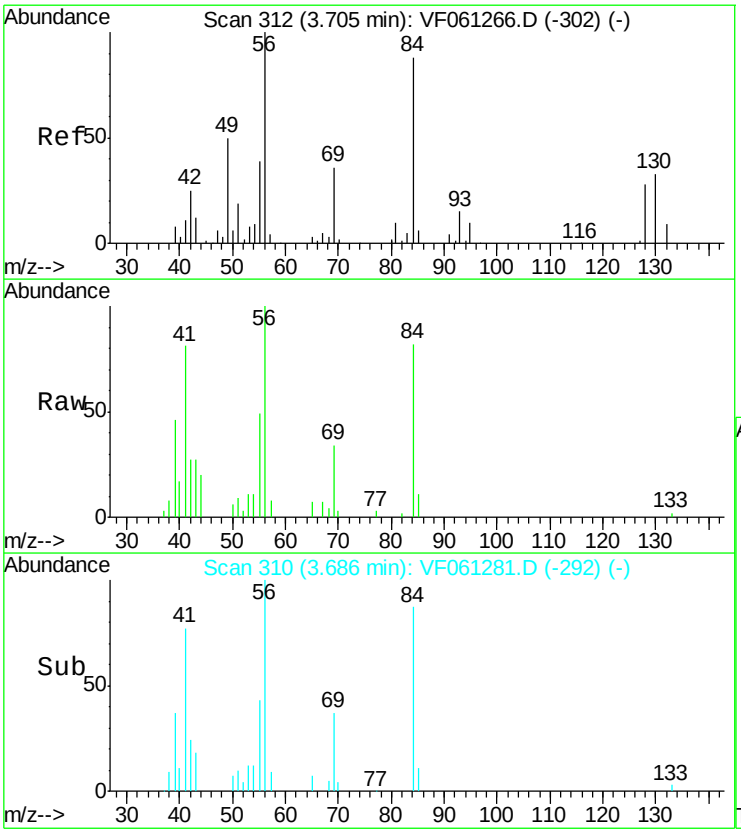
#29
Tetrahydrofuran
Concen: 123.852 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.03 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Tgt Ion: 42 Resp: 25980

Ion	Ratio	Lower	Upper
42	100		
72	45.4	29.2	43.8#
71	37.6	29.1	43.7

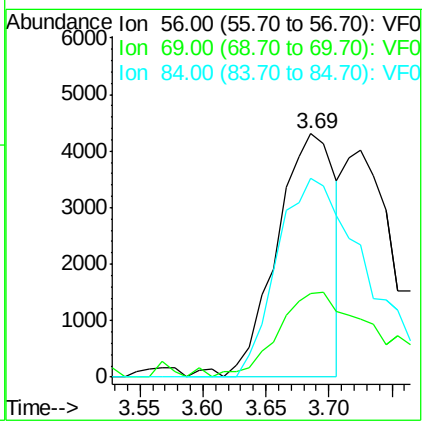


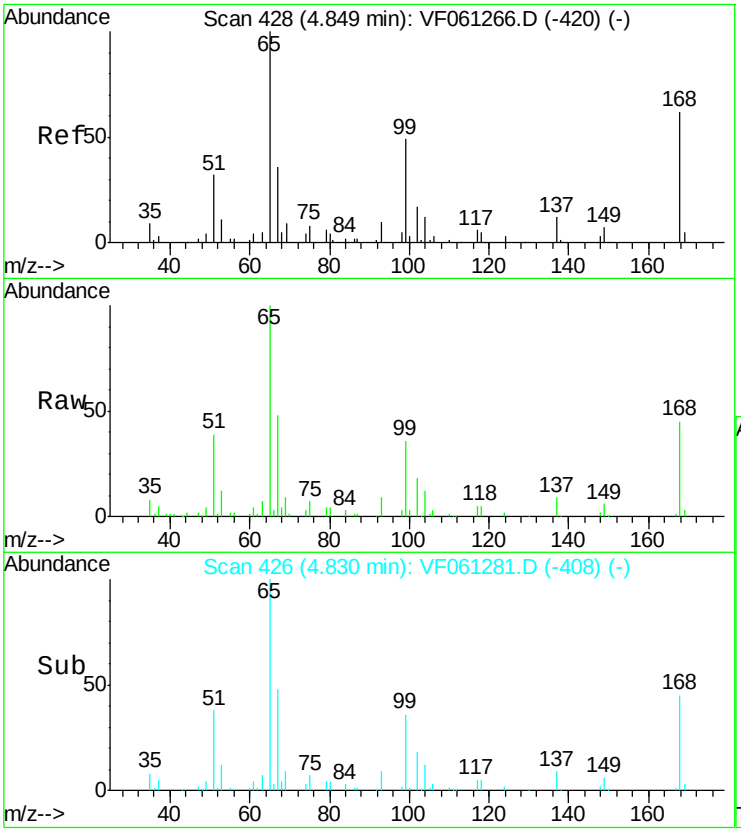


#31
Cyclohexane
Concen: 5.500 ug/l
RT: 3.69 min Scan# 310
Delta R.T. -0.02 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion: 56 Resp: 13939

Ion	Ratio	Lower	Upper
56	100		
69	34.3	28.7	43.1
84	81.8	70.6	106.0



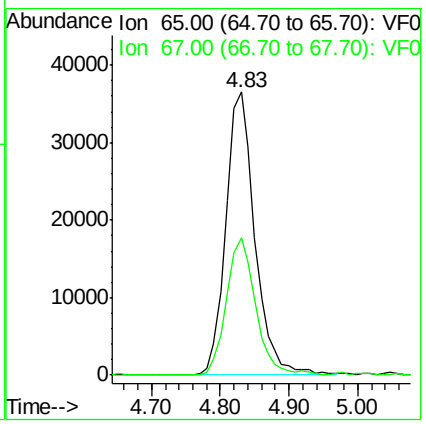


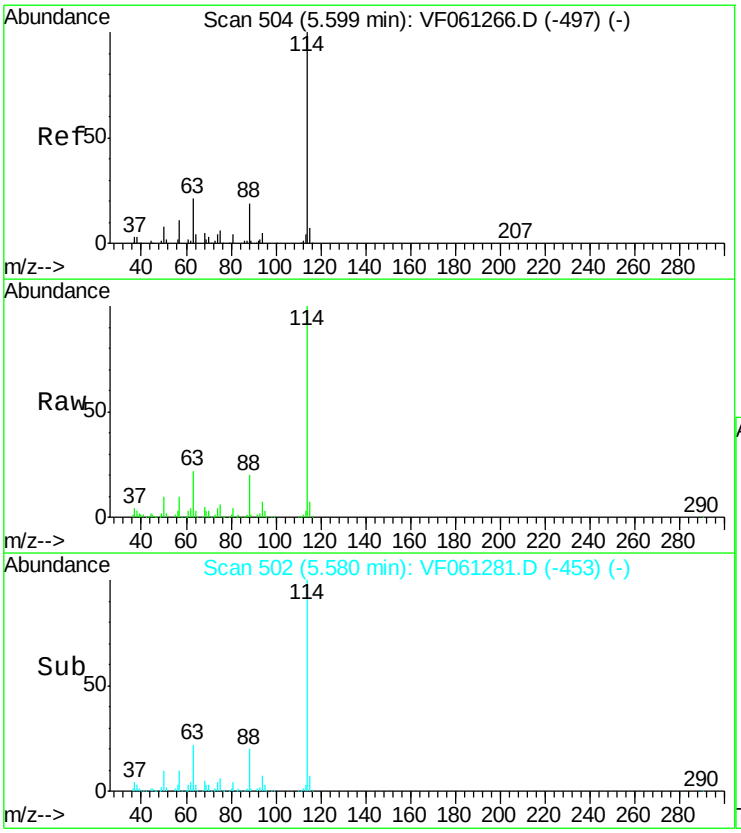
#33
1,2-Dichloroethane-d4
Concen: 69.033 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument :
MSVOA_F
ClientSampleId :
P-1419-S

Tgt Ion: 65 Resp: 106767

Ion	Ratio	Lower	Upper
65	100		
67	48.4	0.0	90.4

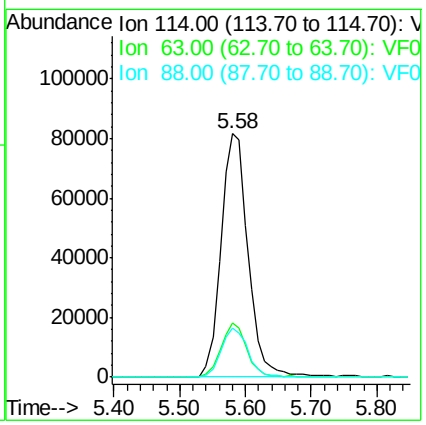


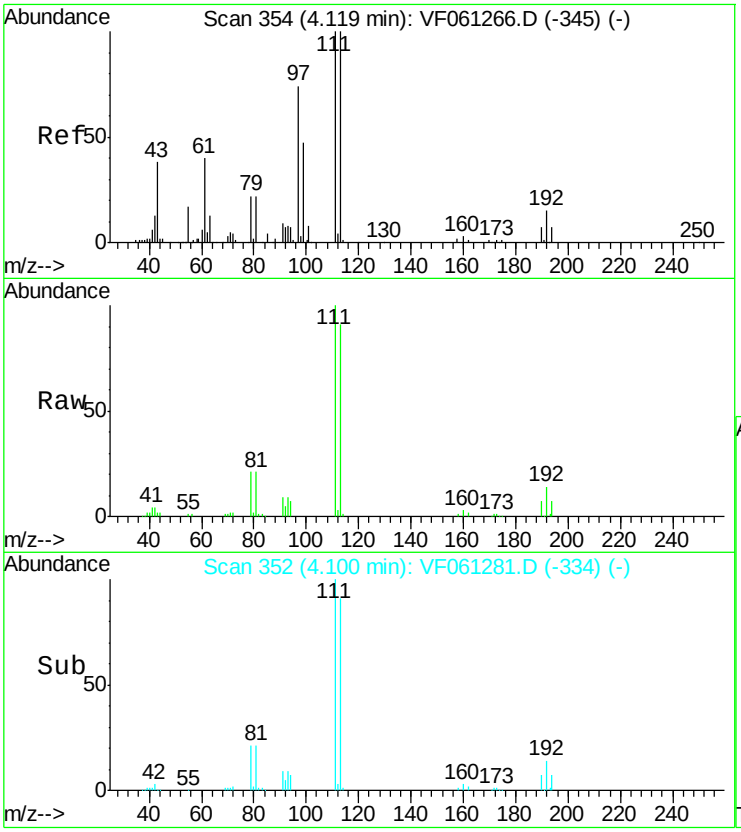


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.02 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion:114 Resp: 234958

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	41.8
88	20.0	0.0	38.4



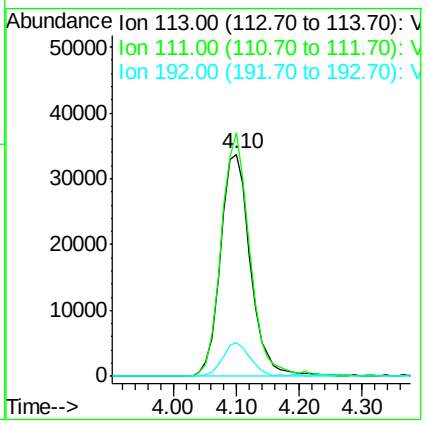


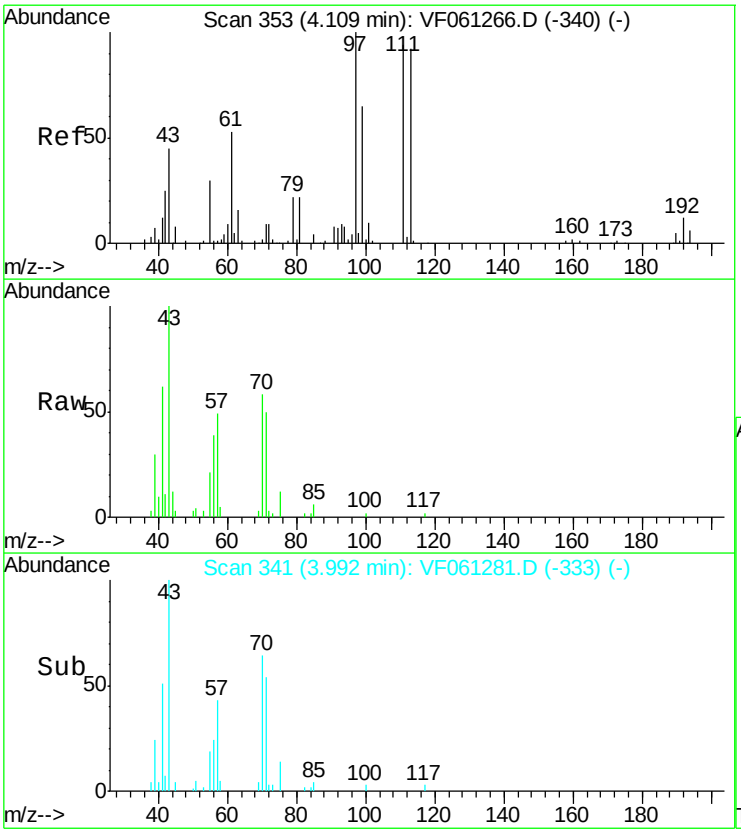
#35
Dibromofluoromethane
Concen: 61.614 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument :
MSVOA_F
ClientSampleId :
P-1419-S

Tgt Ion:113 Resp: 111377

Ion	Ratio	Lower	Upper
113	100		
111	109.7	79.8	119.6
192	15.3	11.9	17.9

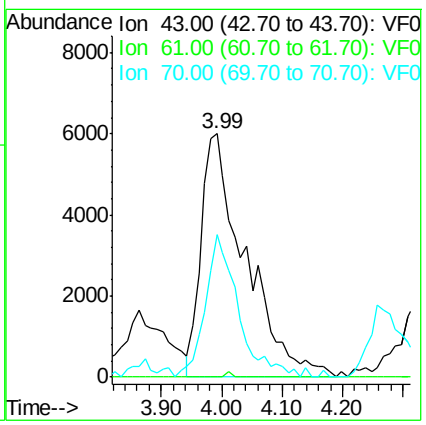


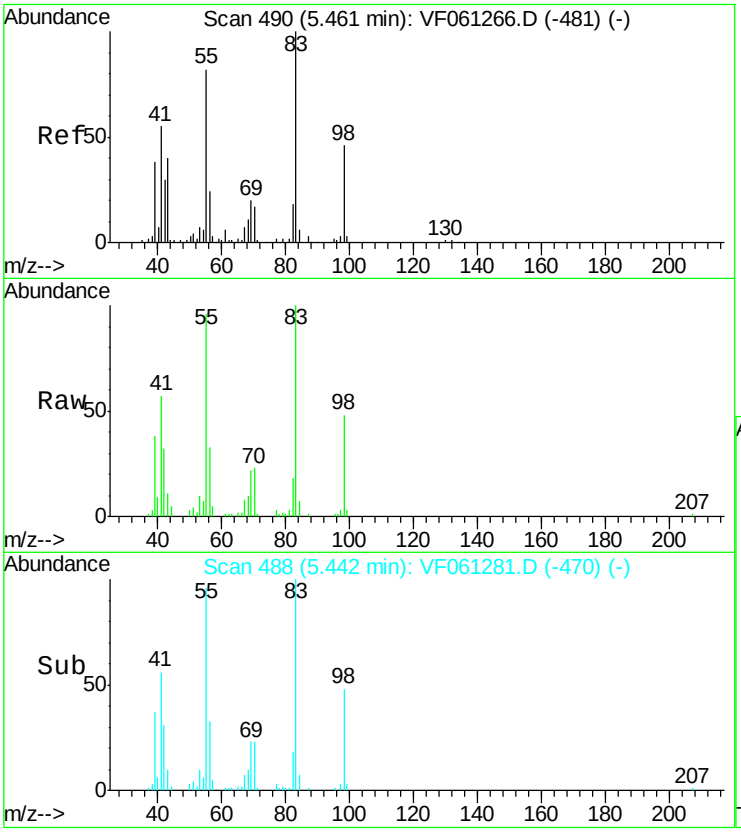


#37
Ethyl Acetate
Concen: 27.433 ug/l
RT: 3.99 min Scan# 341
Delta R.T. -0.12 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion: 43 Resp: 30310

Ion	Ratio	Lower	Upper
43	100		
61	0.0	91.2	136.8#
70	58.3	7.1	10.7#



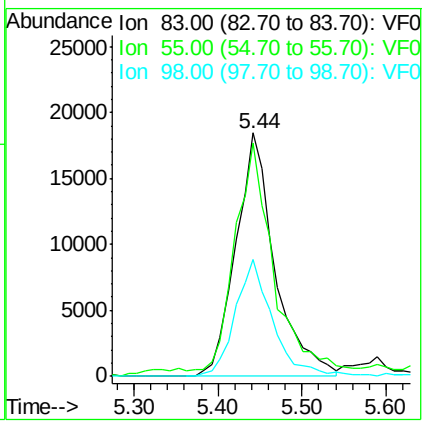


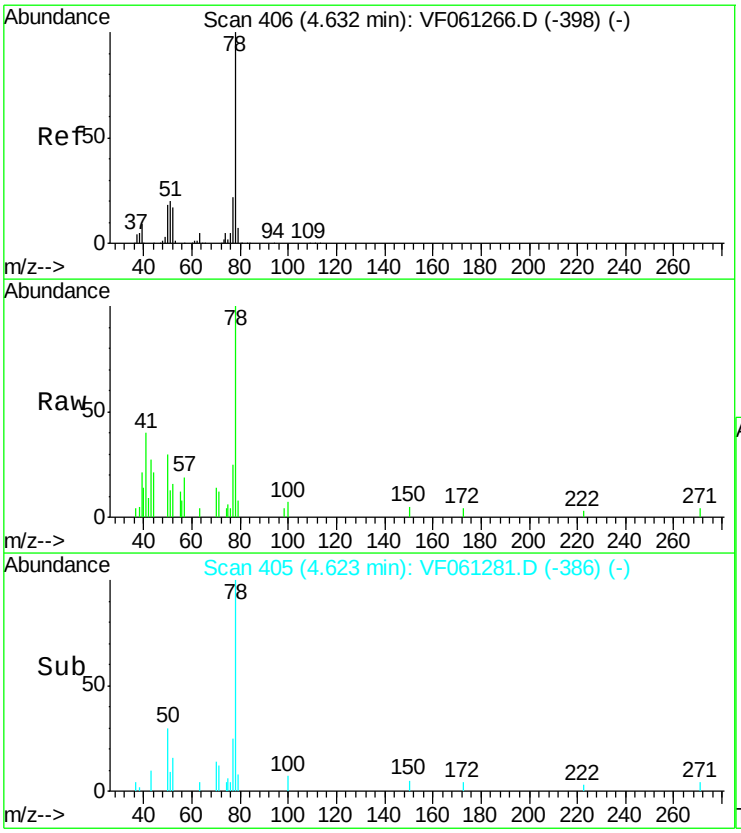
#39
Methylcyclohexane
Concen: 20.209 ug/l
RT: 5.44 min Scan# 488
Delta R.T. -0.02 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Tgt Ion: 83 Resp: 59778

Ion	Ratio	Lower	Upper
83	100		
55	95.7	65.6	98.4
98	47.8	36.7	55.1

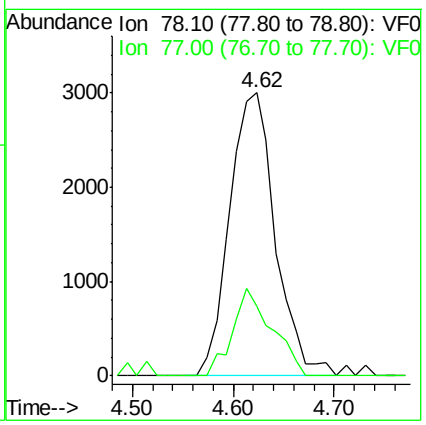


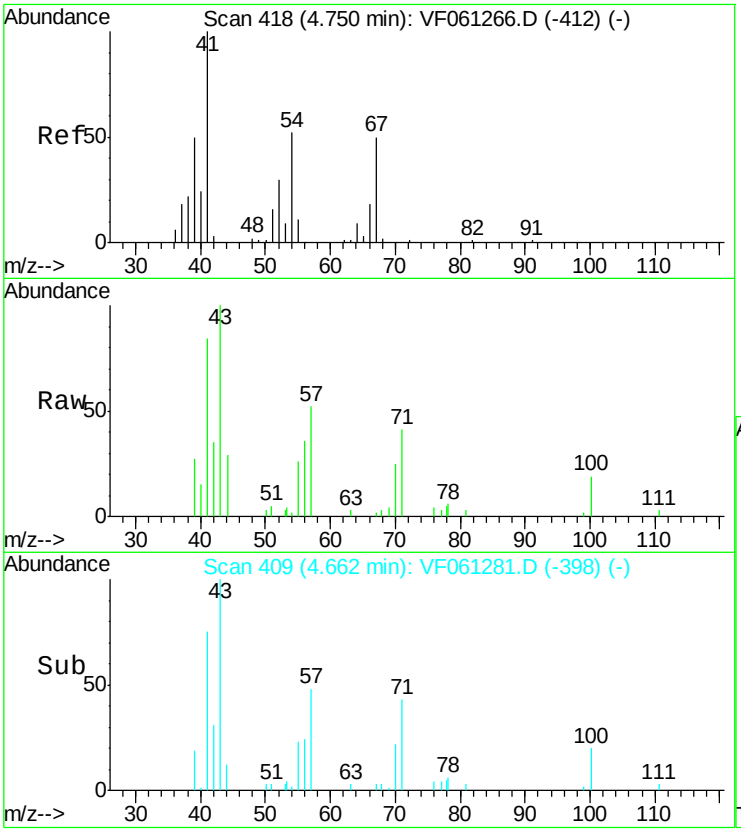


#40
Benzene
Concen: 1.506 ug/l
RT: 4.62 min Scan# 405
Delta R.T. -0.01 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion: 78 Resp: 9459

Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.0	27.0



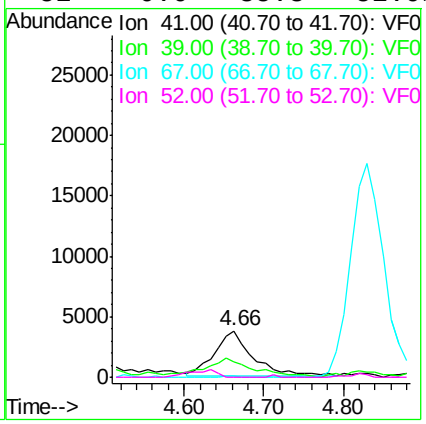


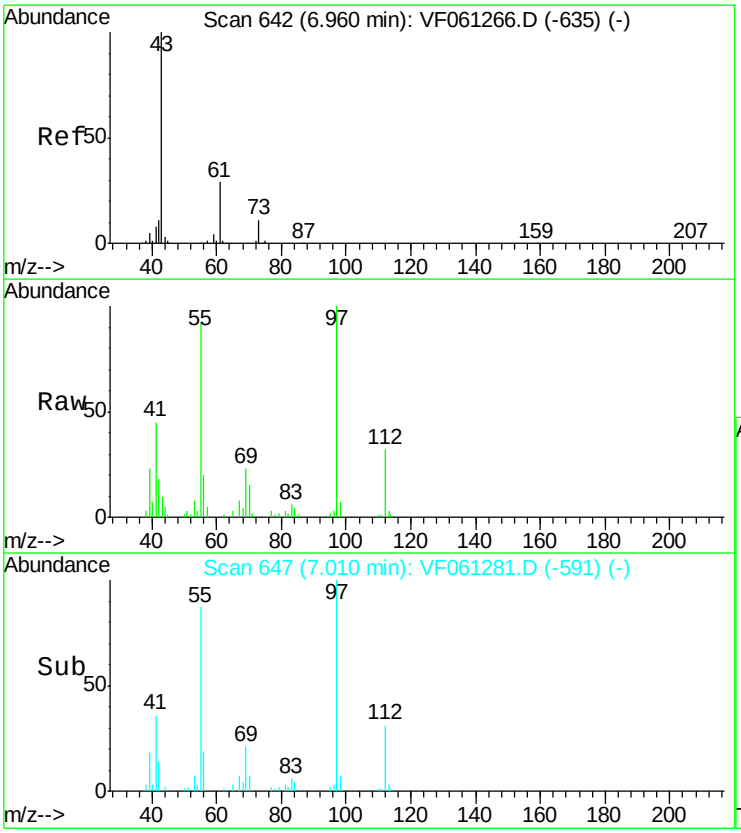
#41
Methacrylonitrile
Concen: 21.154 ug/l
RT: 4.66 min Scan# 409
Delta R.T. -0.09 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument :
MSVOA_F
ClientSampleId :
P-1419-S

Tgt Ion: 41 Resp: 12589

Ion	Ratio	Lower	Upper
41	100		
39	31.6	44.6	66.8#
67	2.9	39.3	58.9#
52	0.0	35.3	52.9#

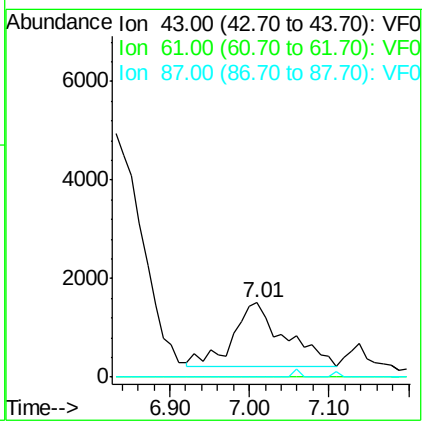


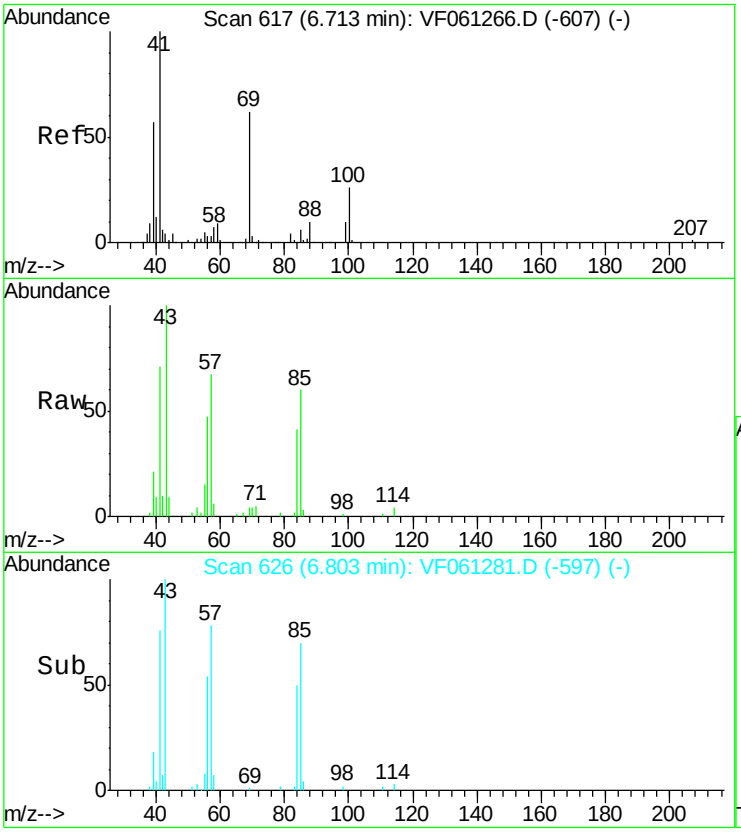


#43
Isopropyl Acetate
Concen: 3.911 ug/l
RT: 7.01 min Scan# 647
Delta R.T. 0.05 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion: 43 Resp: 5765

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.4	35.2#
87	0.0	0.3	0.5#



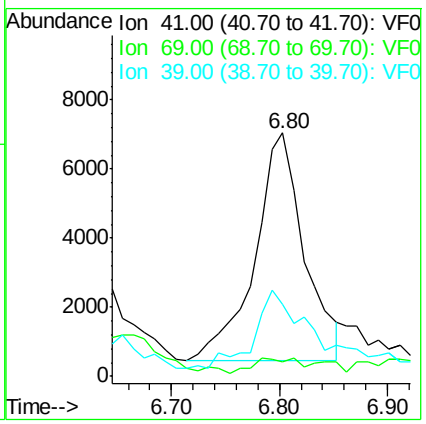


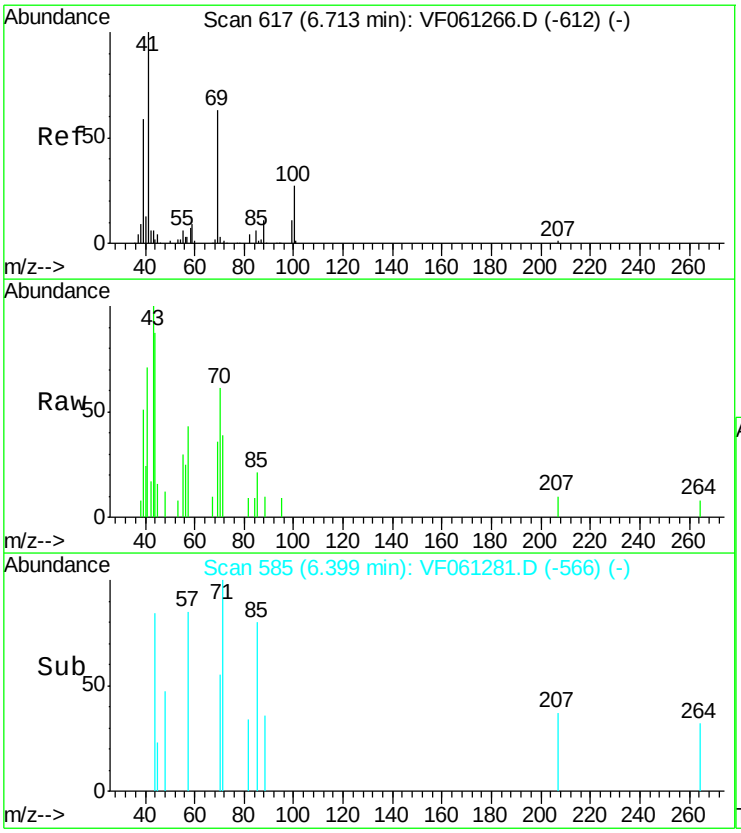
#48
Methyl methacrylate
Concen: 22.140 ug/l
RT: 6.80 min Scan# 626
Delta R.T. 0.09 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Tgt Ion: 41 Resp: 21135

Ion	Ratio	Lower	Upper
41	100		
69	6.1	49.8	74.8#
39	29.5	46.4	69.6#

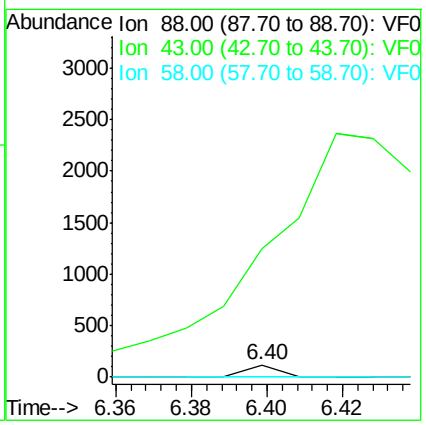


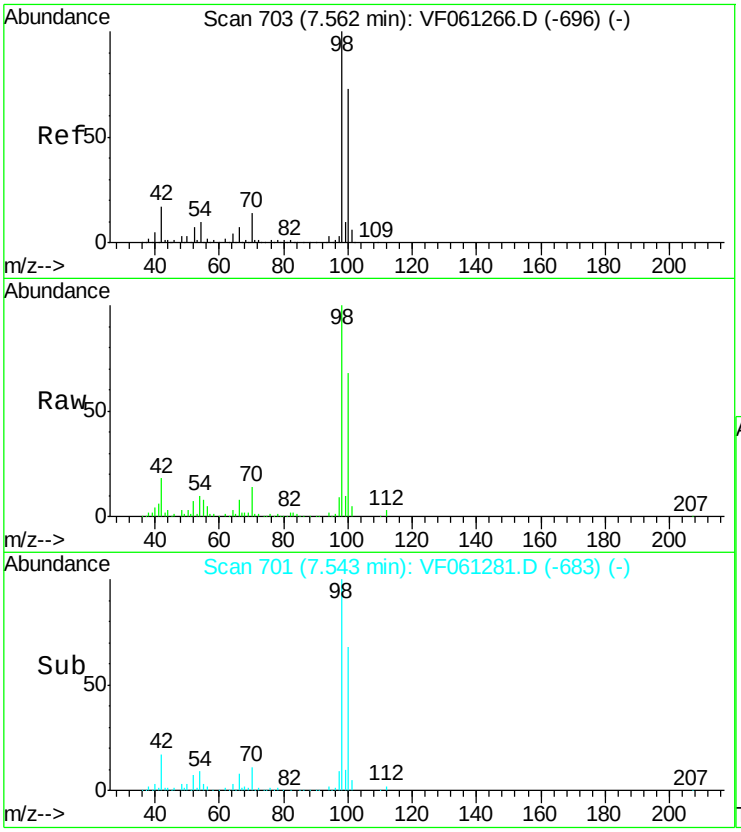


#49
1,4-Dioxane
Concen: 10.583 ug/l
RT: 6.40 min Scan# 585
Delta R.T. -0.31 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion: 88 Resp: 70

Ion	Ratio	Lower	Upper
88	100		
43	1050.4	55.2	82.8#
58	0.0	50.9	76.3#



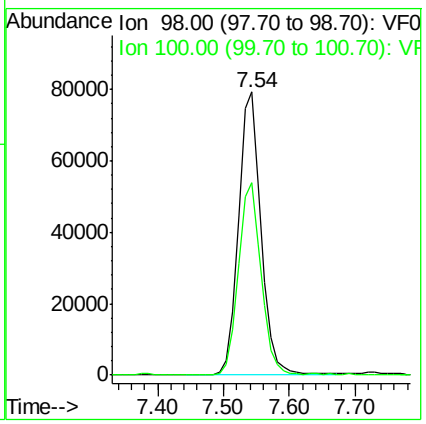


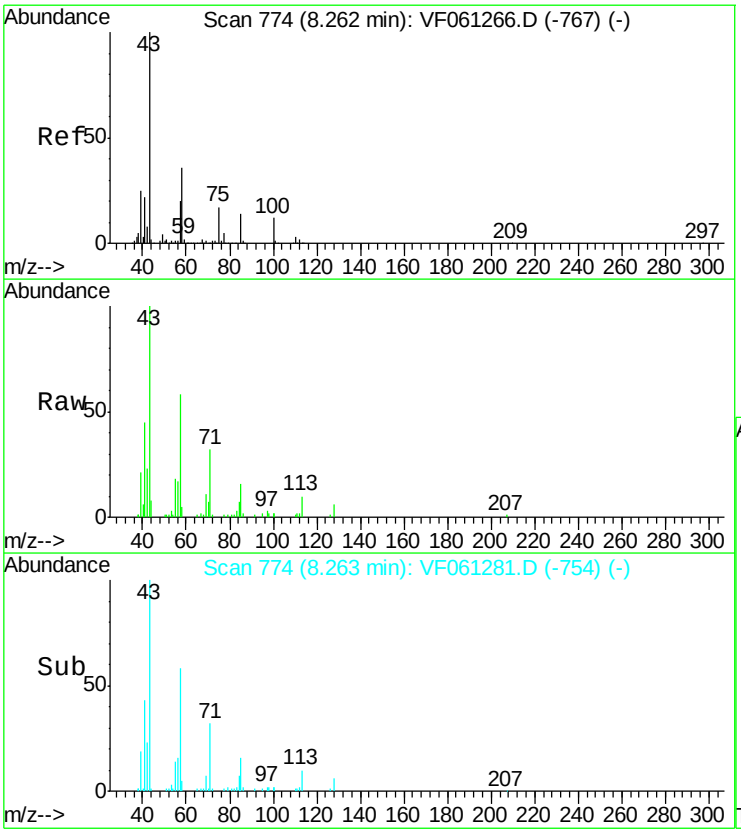
#50
Toluene-d8
Concen: 35.579 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument :
MSVOA_F
ClientSampleId :
P-1419-S

Tgt Ion: 98 Resp: 190854

Ion	Ratio	Lower	Upper
98	100		
100	68.1	58.1	87.1

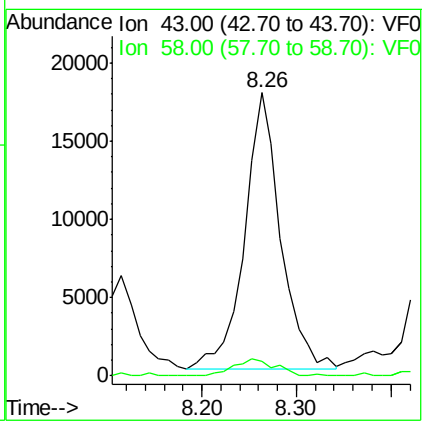


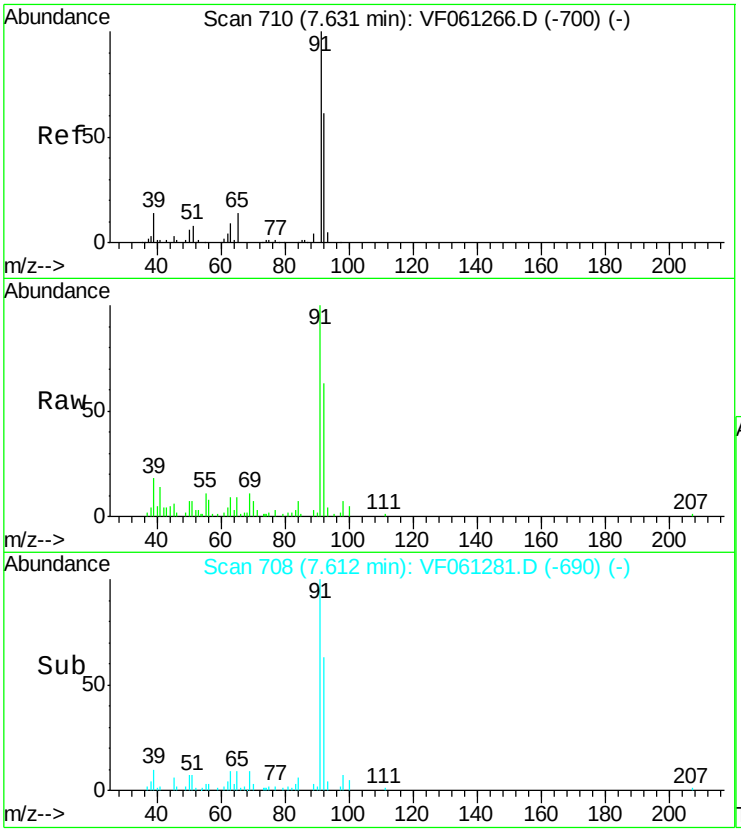


#51
4-Methyl-2-Pentanone
Concen: 42.405 ug/l
RT: 8.26 min Scan# 774
Delta R.T. 0.00 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion: 43 Resp: 46763

Ion	Ratio	Lower	Upper
43	100		
58	5.0	29.1	43.7#



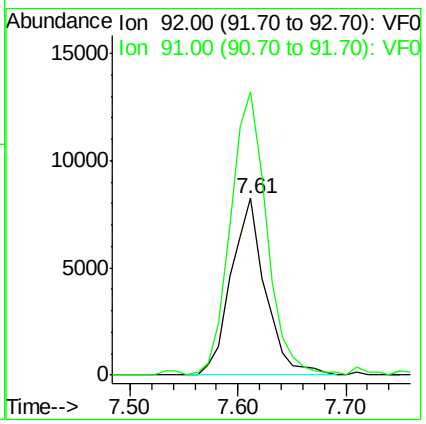


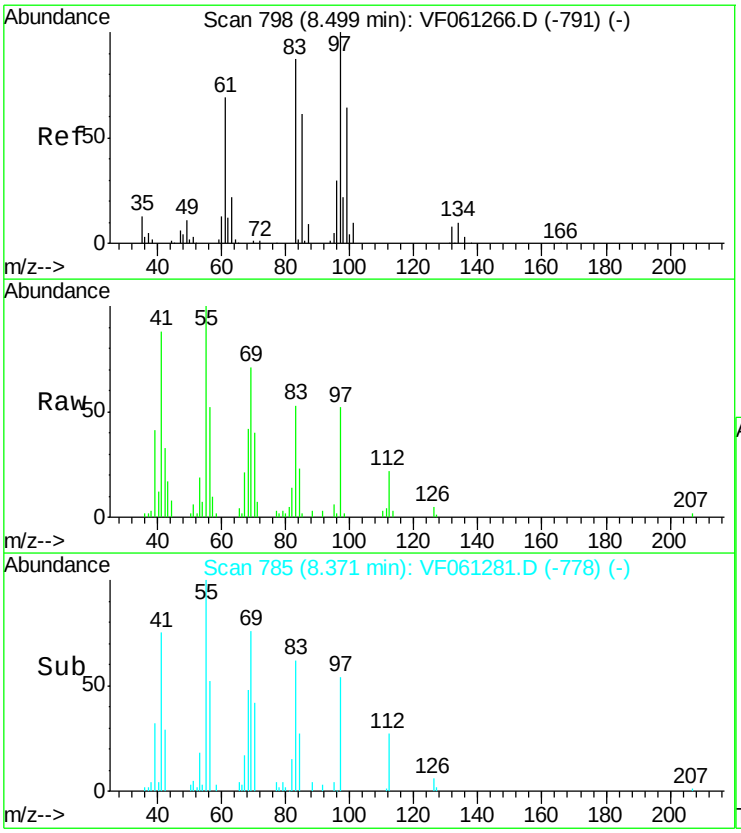
#52
Toluene
Concen: 4.446 ug/l
RT: 7.61 min Scan# 708
Delta R.T. -0.02 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument :
MSVOA_F
ClientSampleId :
P-1419-S

Tgt Ion: 92 Resp: 18231

Ion	Ratio	Lower	Upper
92	100		
91	160.0	130.5	195.7

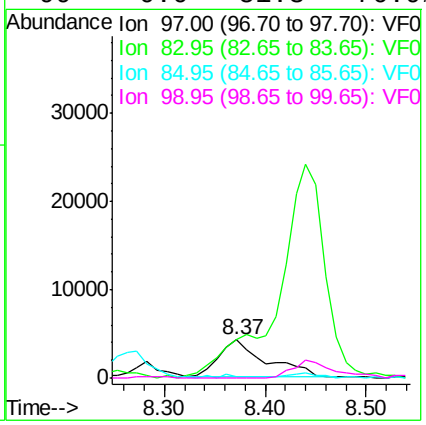


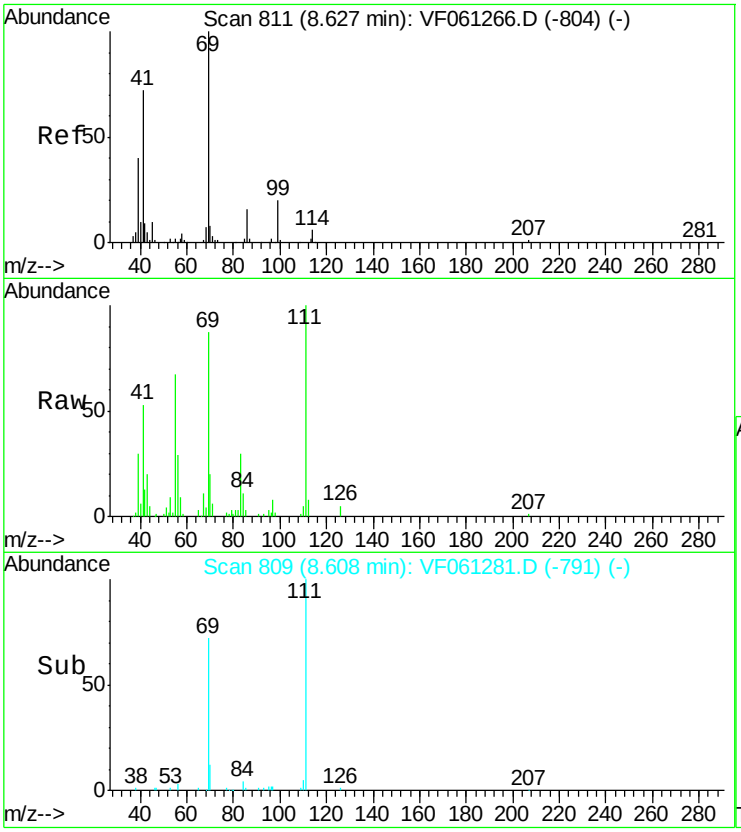


#55
1,1,2-Trichloroethane
Concen: 11.521 ug/l
RT: 8.37 min Scan# 785
Delta R.T. -0.13 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion: 97 Resp: 13586

Ion	Ratio	Lower	Upper
97	100		
83	102.3	69.7	104.5
85	3.0	49.1	73.7#
99	0.0	51.3	76.9#



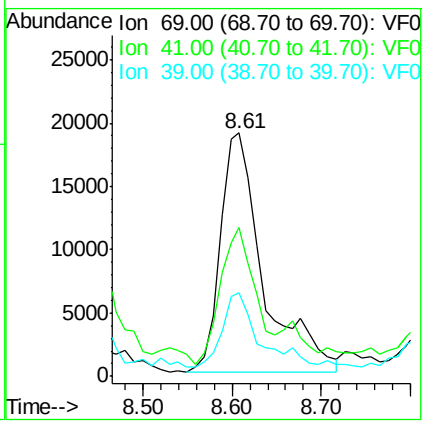


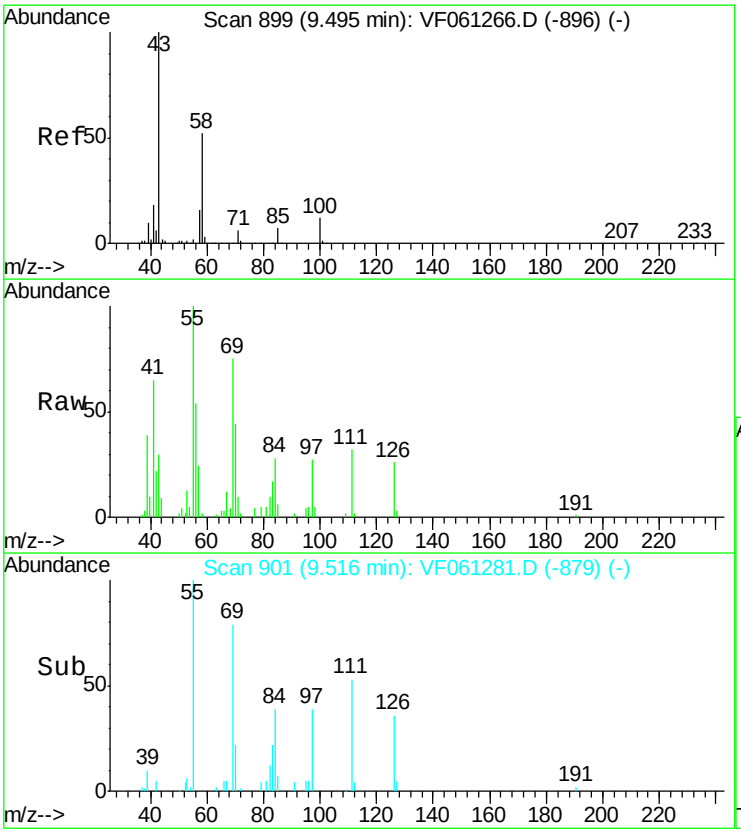
#56
Ethyl methacrylate
Concen: 49.660 ug/l
RT: 8.61 min Scan# 809
Delta R.T. -0.02 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Tgt Ion: 69 Resp: 64722

Ion	Ratio	Lower	Upper
69	100		
41	61.3	58.1	87.1
39	34.1	32.6	49.0

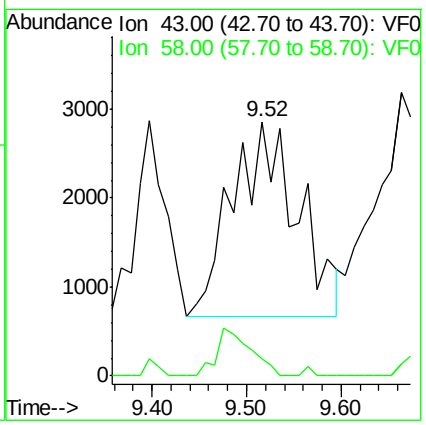


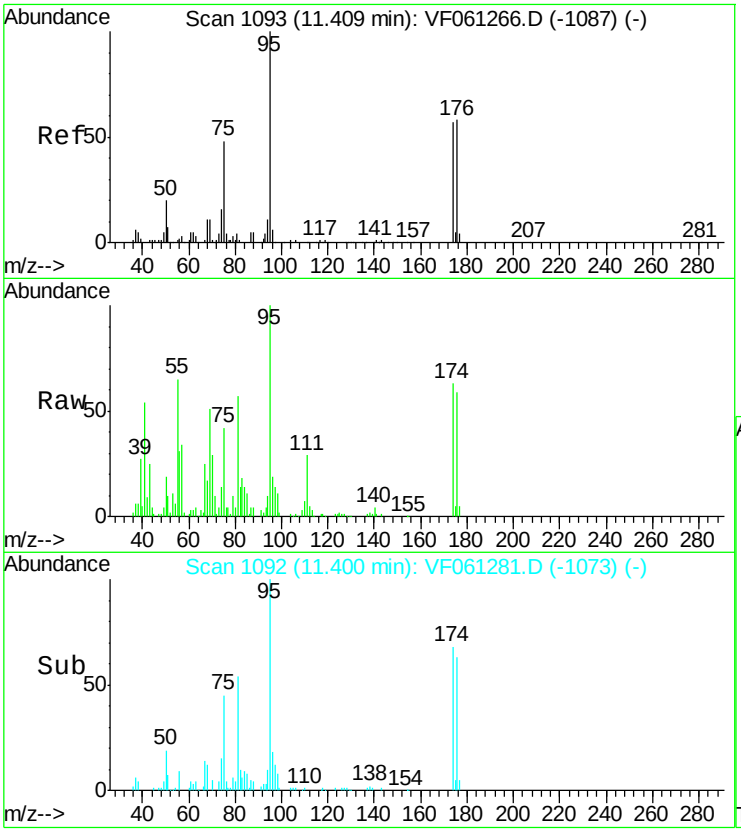


#59
2-Hexanone
Concen: 14.146 ug/l
RT: 9.52 min Scan# 901
Delta R.T. 0.02 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion: 43 Resp: 10486

Ion	Ratio	Lower	Upper
43	100		
58	6.5	24.4	73.4#



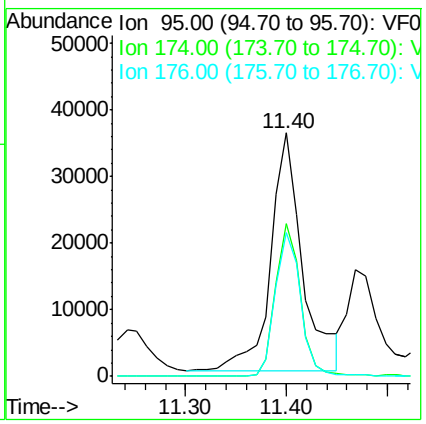


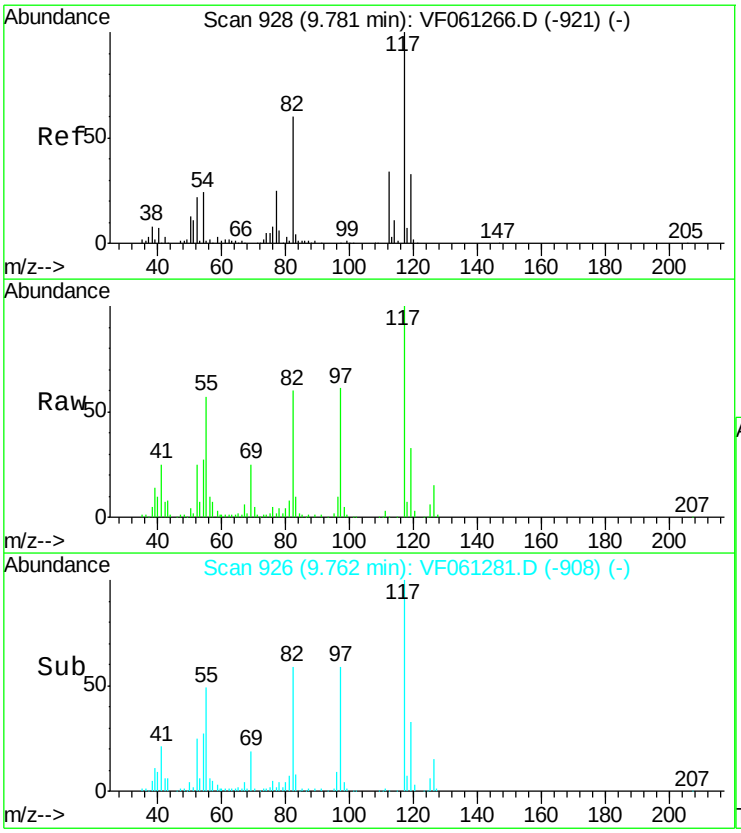
#62
4-Bromofluorobenzene
Concen: 32.961 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Tgt Ion: 95 Resp: 78341

Ion	Ratio	Lower	Upper
95	100		
174	63.0	0.0	113.2
176	59.1	0.0	115.6

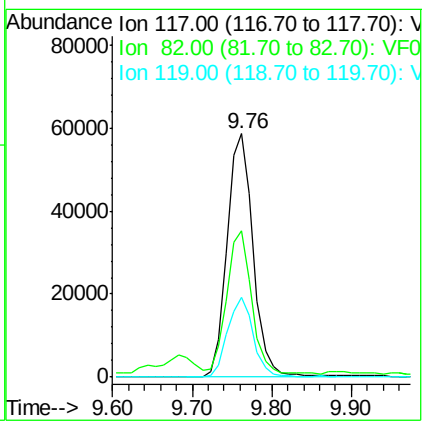


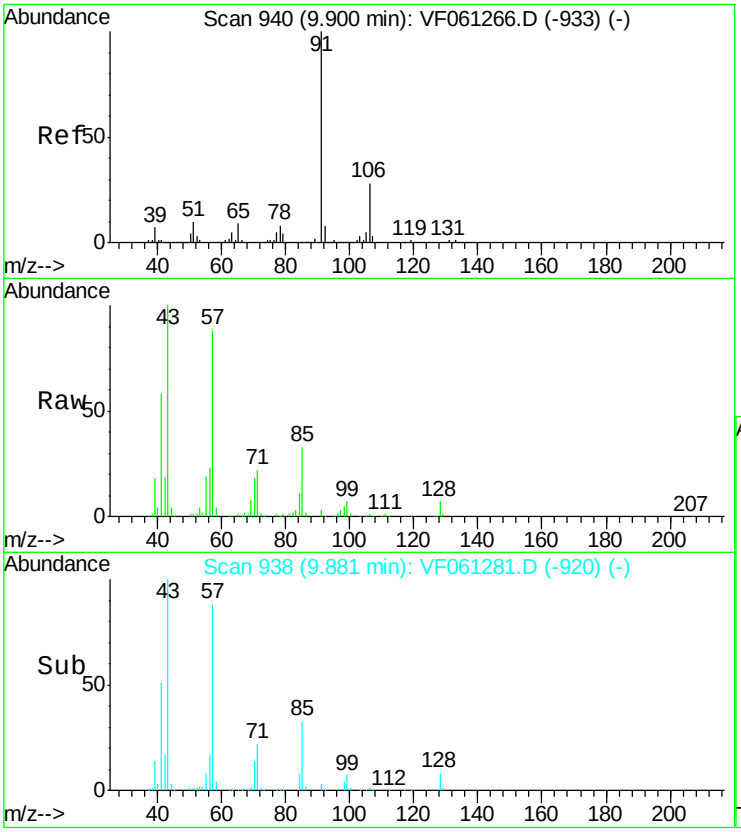


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion:117 Resp: 135304

Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.8	71.6
119	33.0	26.1	39.1



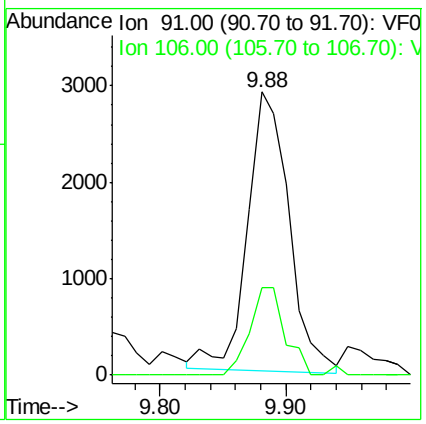


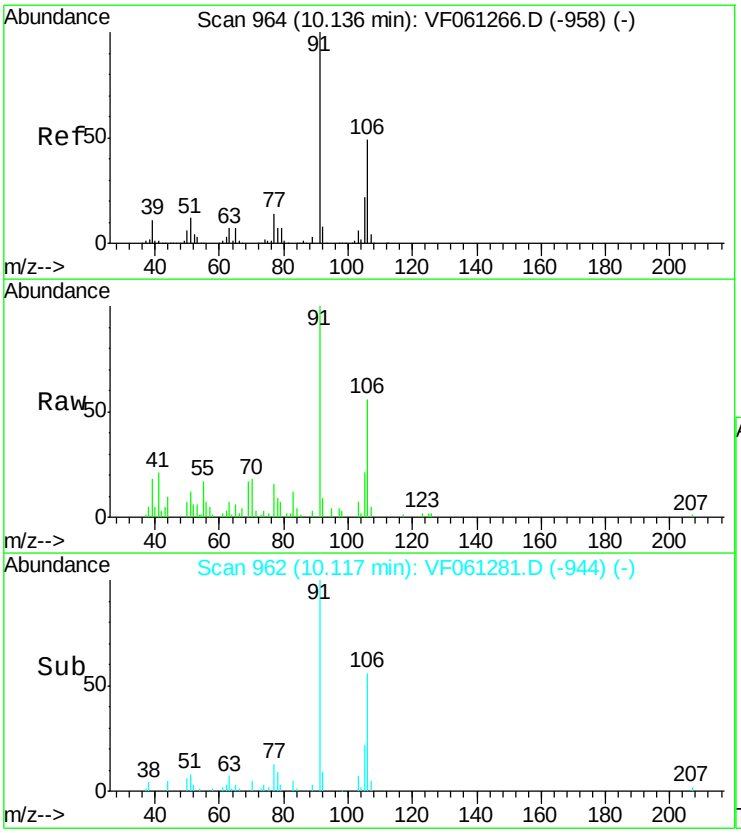
#67
Ethyl Benzene
Concen: 1.311 ug/l
RT: 9.88 min Scan# 938
Delta R.T. -0.02 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Tgt Ion: 91 Resp: 6631

Ion	Ratio	Lower	Upper
91	100		
106	30.9	22.8	34.2

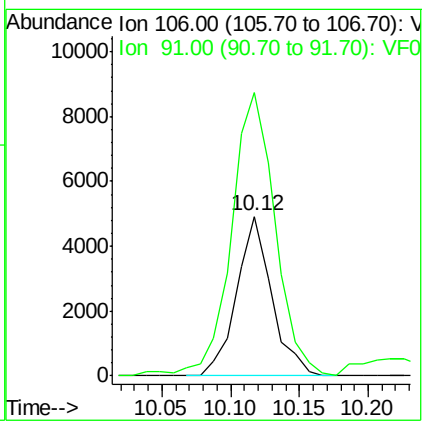


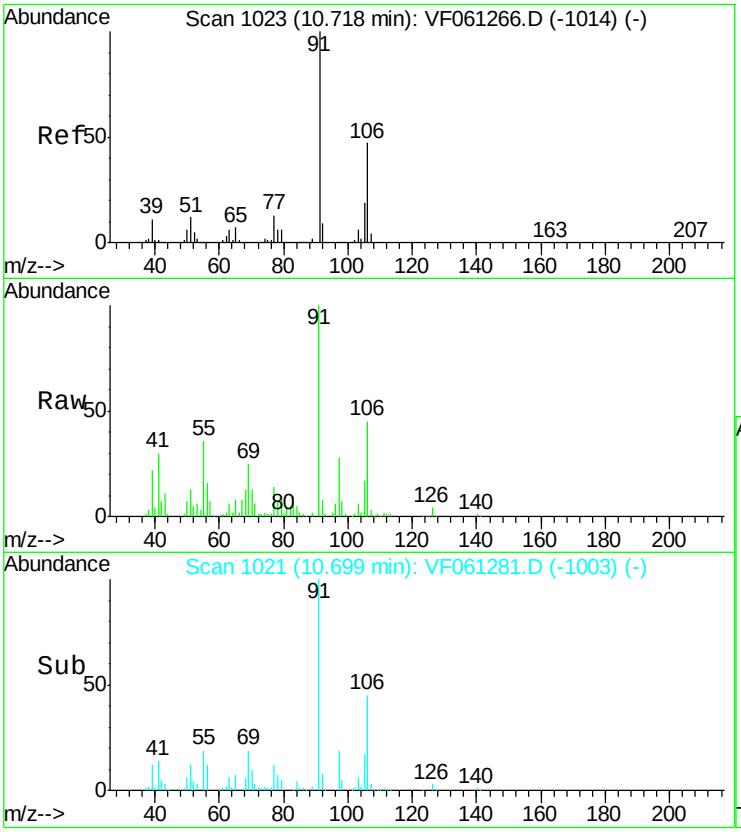


#68
m/p-Xylenes
Concen: 4.735 ug/l
RT: 10.12 min Scan# 962
Delta R.T. -0.02 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion:106 Resp: 8740

Ion	Ratio	Lower	Upper
106	100		
91	177.1	164.8	247.2



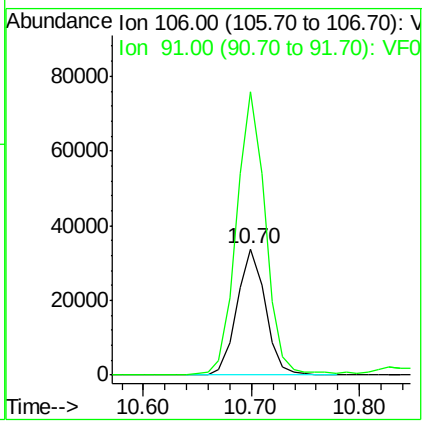


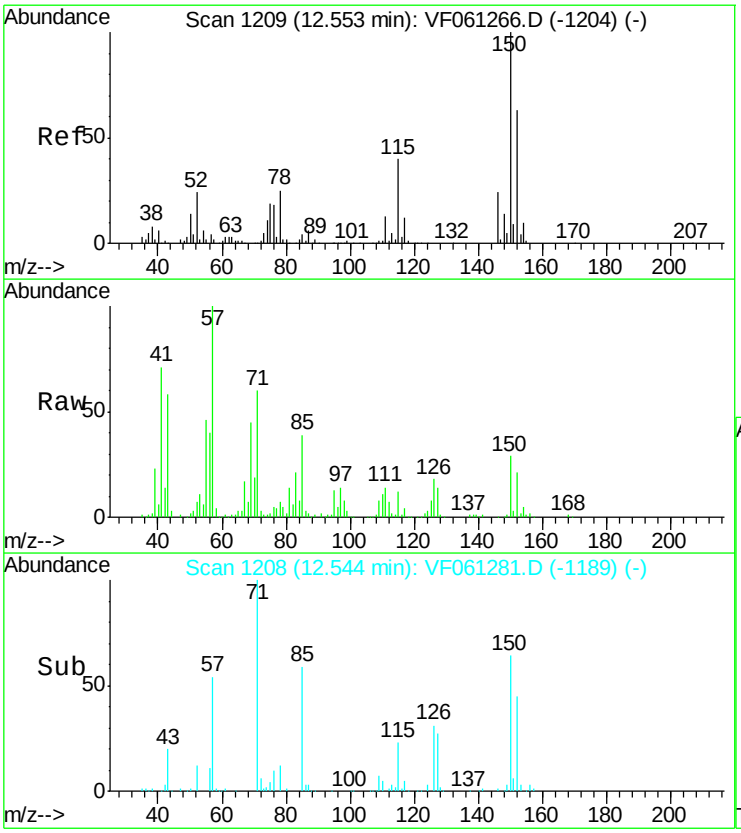
#69
o-Xylene
Concen: 30.705 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.02 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument :
MSVOA_F
ClientSampleId :
P-1419-S

Tgt Ion:106 Resp: 61309

Ion	Ratio	Lower	Upper
106	100		
91	224.5	106.2	318.5

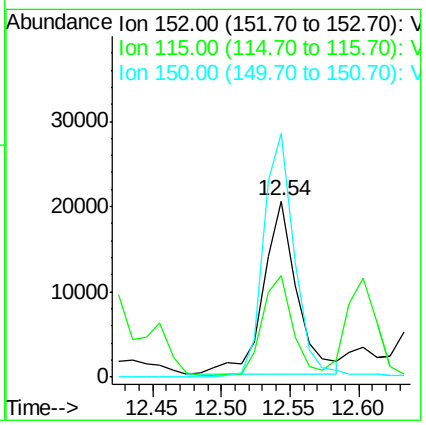


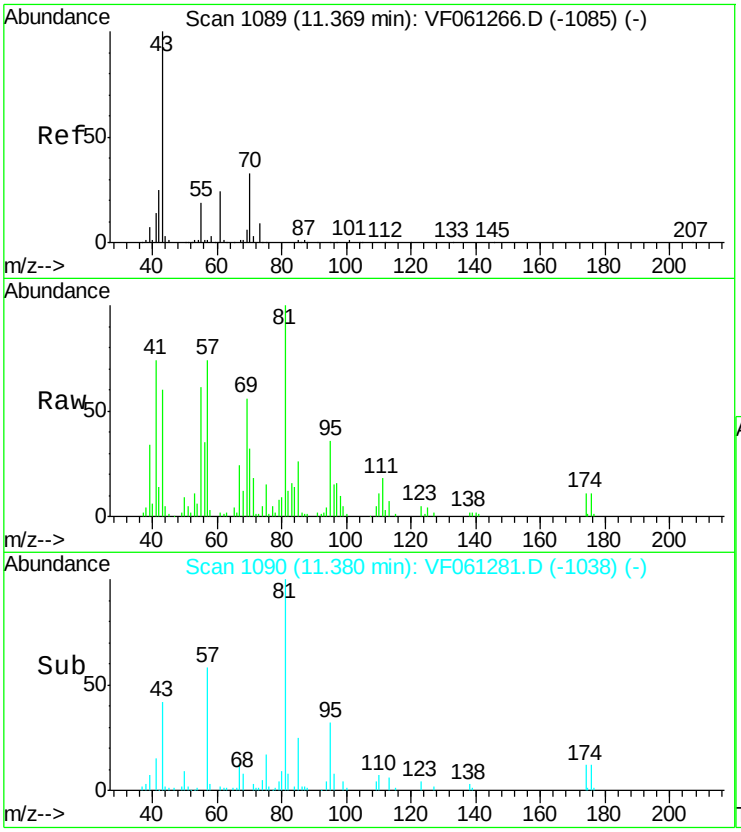


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion:152 Resp: 34454

Ion	Ratio	Lower	Upper
152	100		
115	57.9	31.6	94.7
150	138.3	0.0	320.2



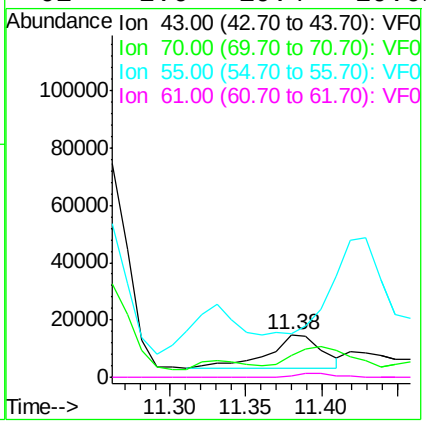


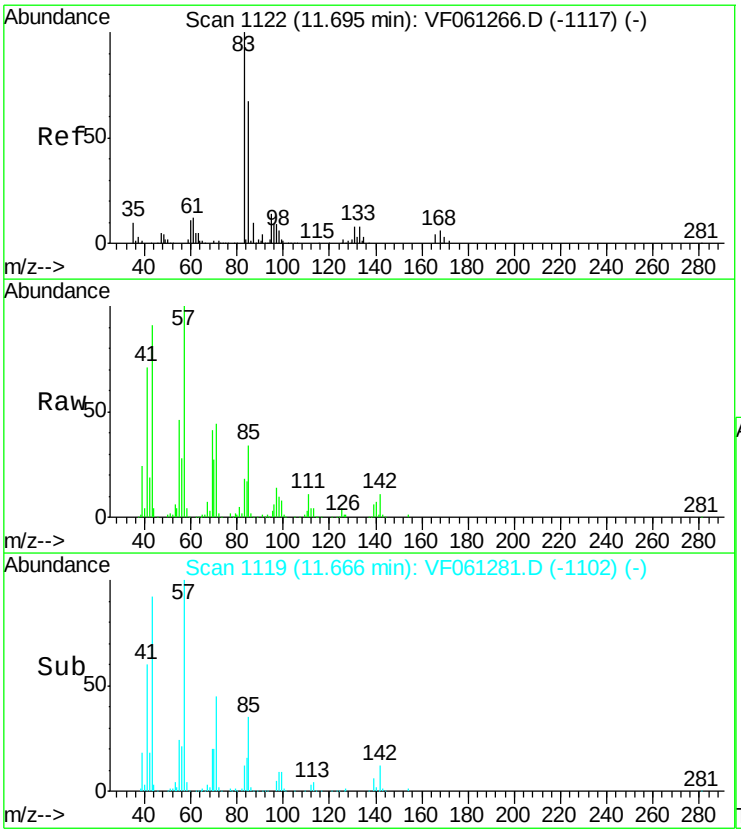
#74
N-amyl acetate
Concen: 39.816 ug/l
RT: 11.38 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Tgt Ion: 43 Resp: 29420

Ion	Ratio	Lower	Upper
43	100		
70	52.2	26.7	40.1#
55	101.8	15.4	23.0#
61	2.6	19.4	29.0#

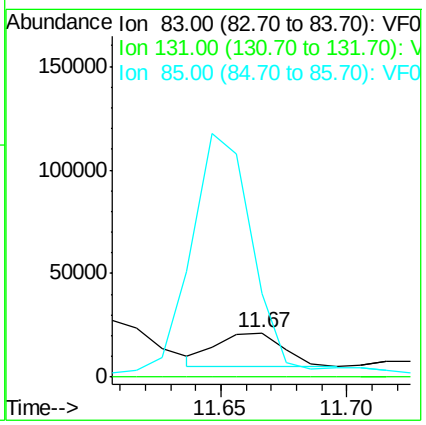


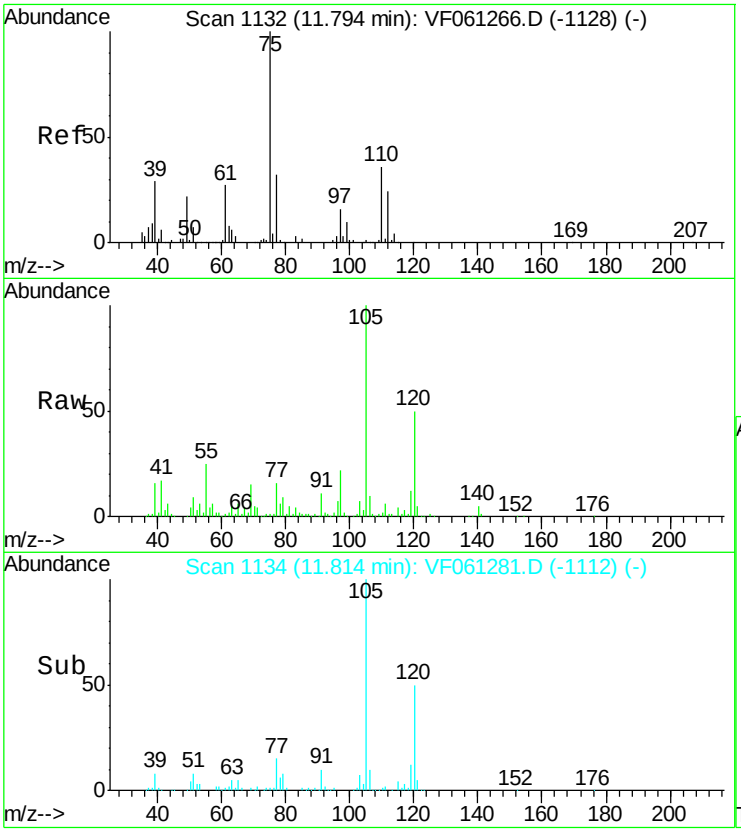


#75
1,1,2,2-Tetrachloroethane
Concen: 56.467 ug/l
RT: 11.67 min Scan# 1119
Delta R.T. -0.03 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion: 83 Resp: 28866

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.0	12.0#
85	190.4	33.6	100.8#



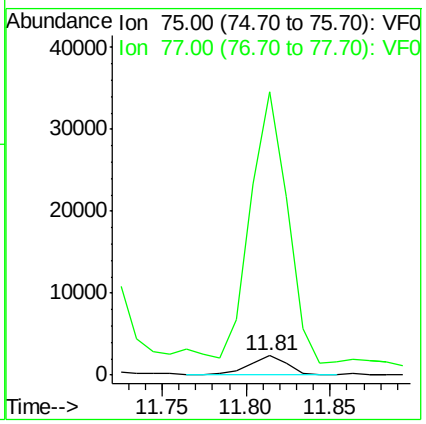


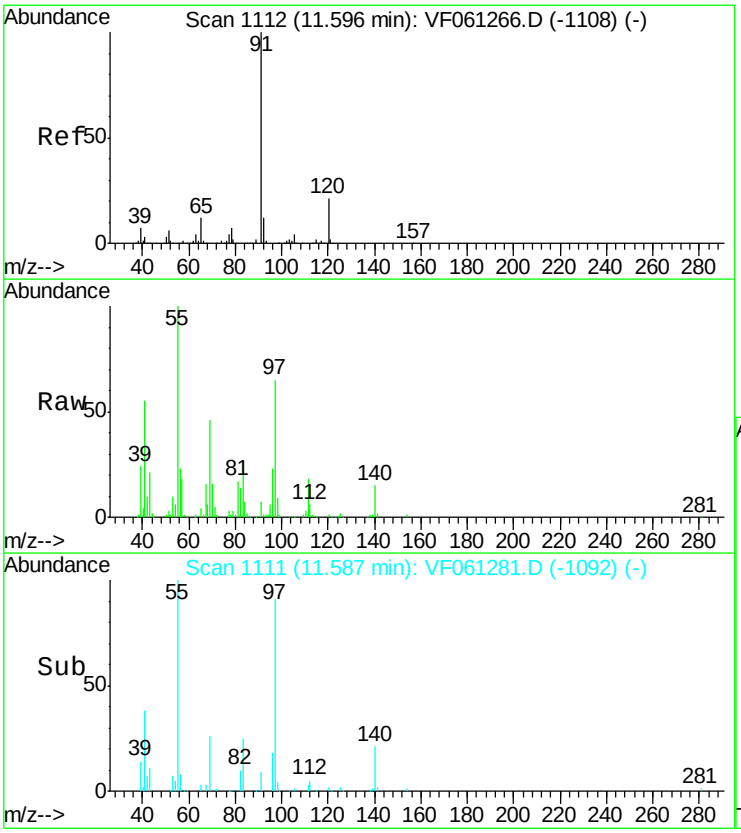
#76
1,2,3-Trichloropropane
Concen: 10.324 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. 0.02 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Tgt Ion: 75 Resp: 3918

Ion	Ratio	Lower	Upper
75	100		
77	1439.3	15.9	47.7#

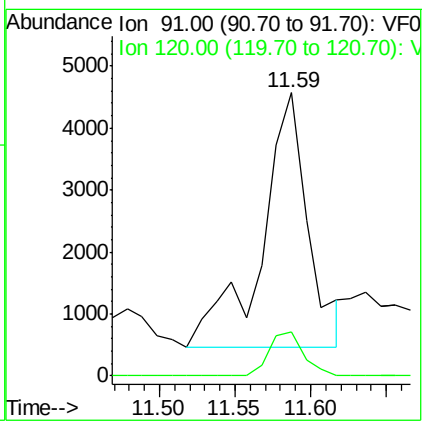


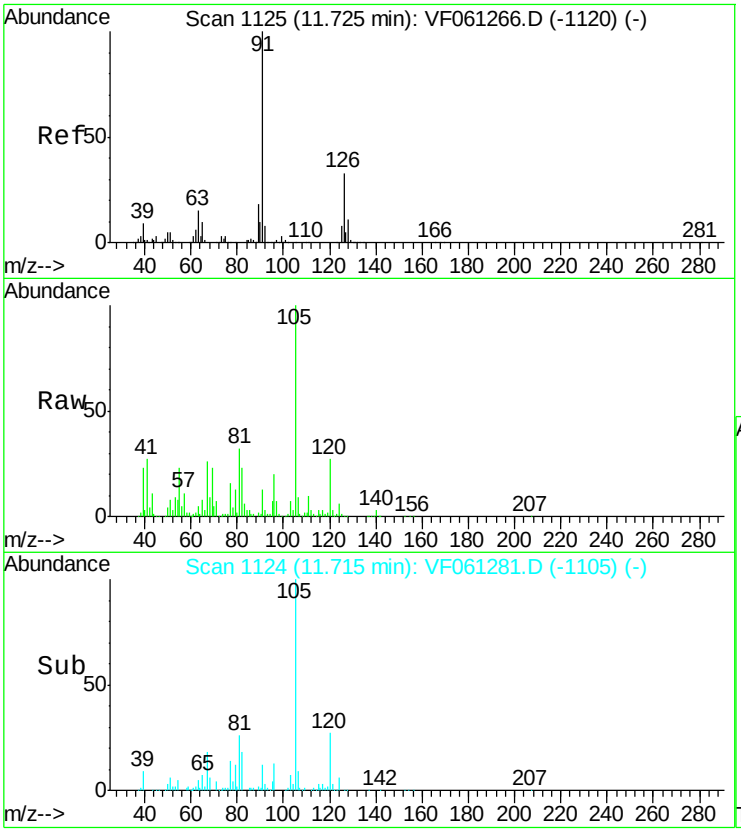


#78
n-propylbenzene
Concen: 2.507 ug/l
RT: 11.59 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion: 91 Resp: 8744

Ion	Ratio	Lower	Upper
91	100		
120	15.3	10.6	31.8



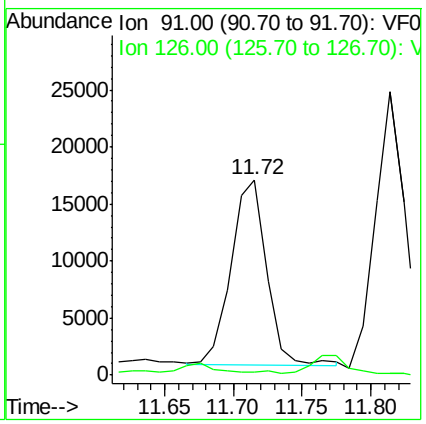


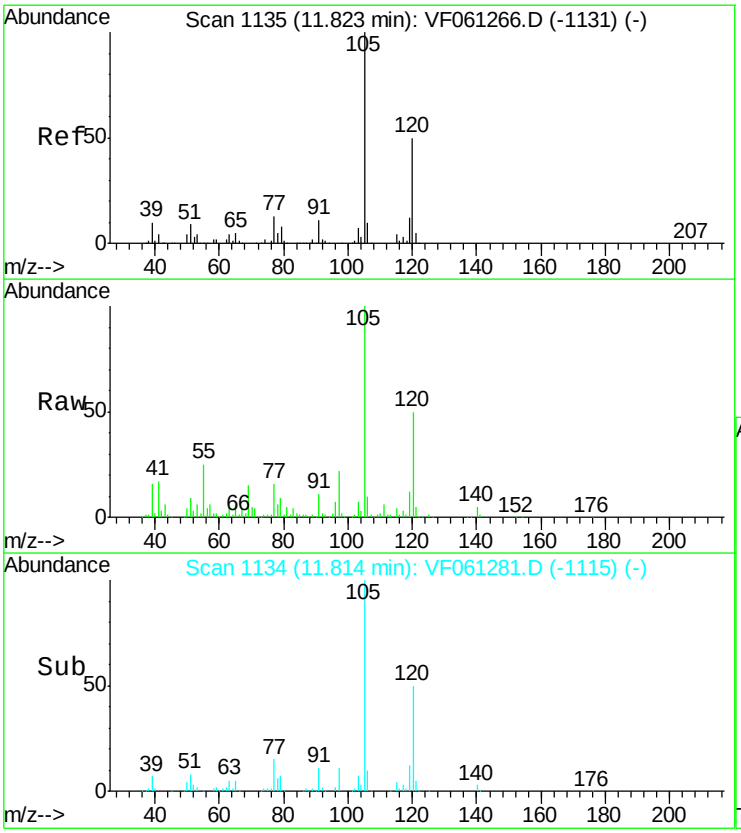
#79
2-Chlorotoluene
Concen: 14.566 ug/l
RT: 11.72 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Tgt Ion: 91 Resp: 29345

Ion	Ratio	Lower	Upper
91	100		
126	1.9	16.3	48.8#

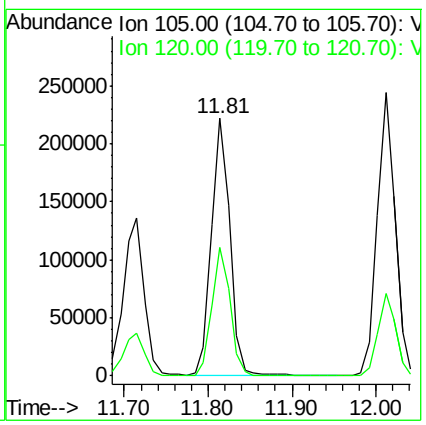


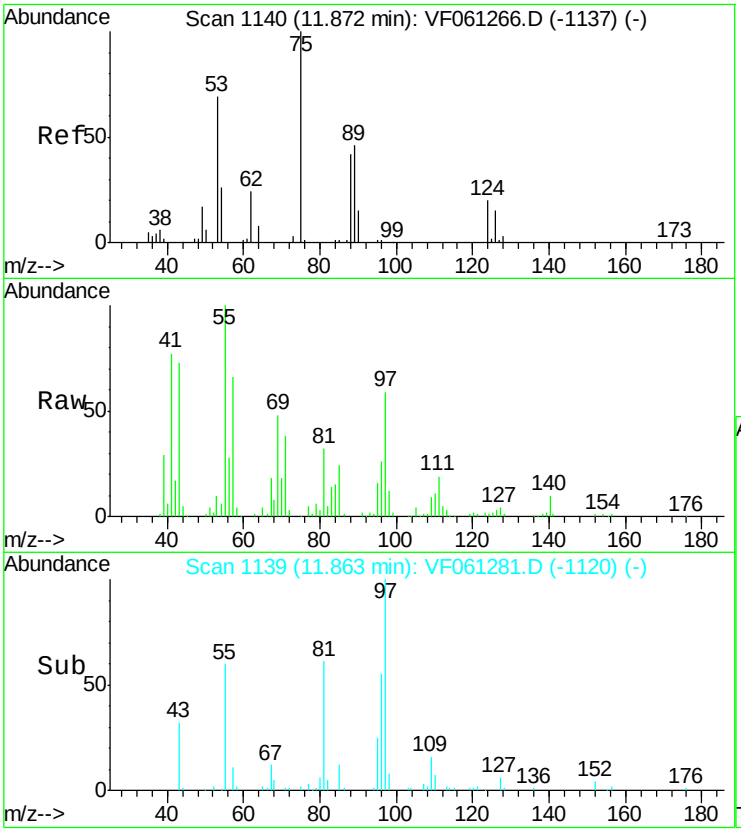


#80
1,3,5-Trimethylbenzene
Concen: 143.892 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. -0.01 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion:105 Resp: 339973

Ion	Ratio	Lower	Upper
105	100		
120	50.0	24.8	74.4



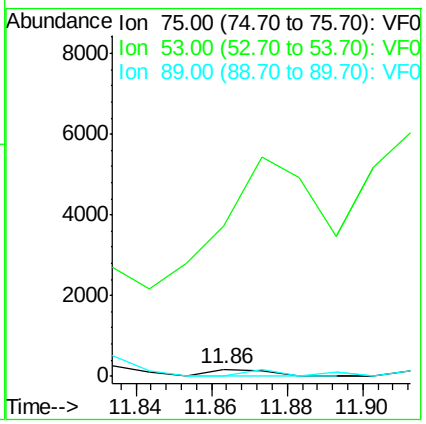


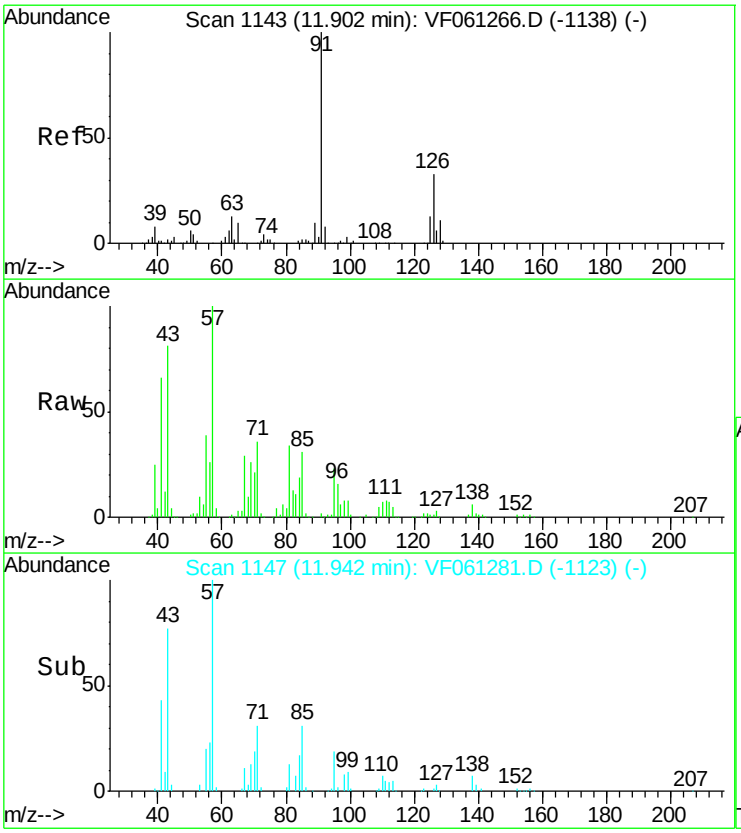
#81
trans-1,4-Dichloro-2-butene
Concen: 1.029 ug/l
RT: 11.86 min Scan# 1139
Delta R.T. -0.01 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument :
MSVOA_F
ClientSampleId :
P-1419-S

Tgt Ion: 75 Resp: 179

Ion	Ratio	Lower	Upper
75	100		
53	2077.7	61.7	92.5#
89	0.0	40.3	60.5#

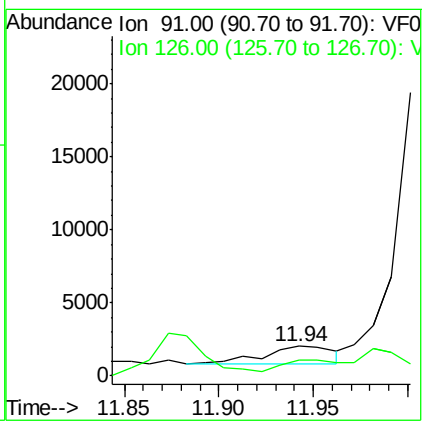


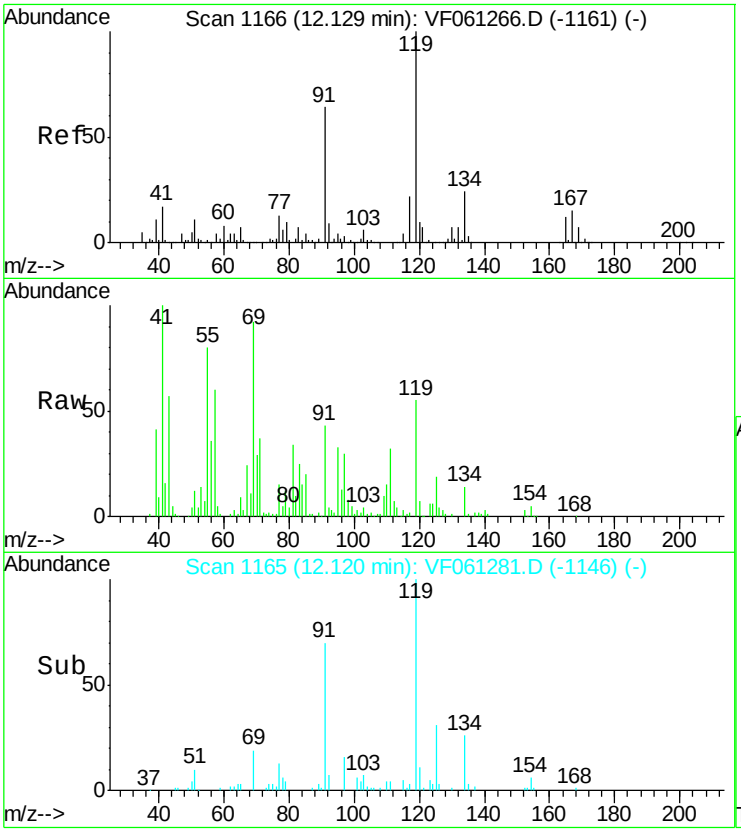


#82
4-Chlorotoluene
Concen: 1.632 ug/l
RT: 11.94 min Scan# 1147
Delta R.T. 0.04 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion: 91 Resp: 3333

Ion	Ratio	Lower	Upper
91	100		
126	54.0	16.3	48.8#



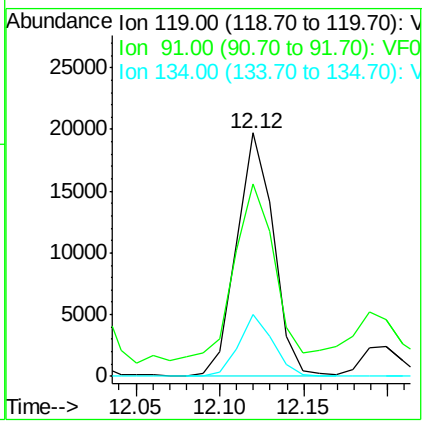


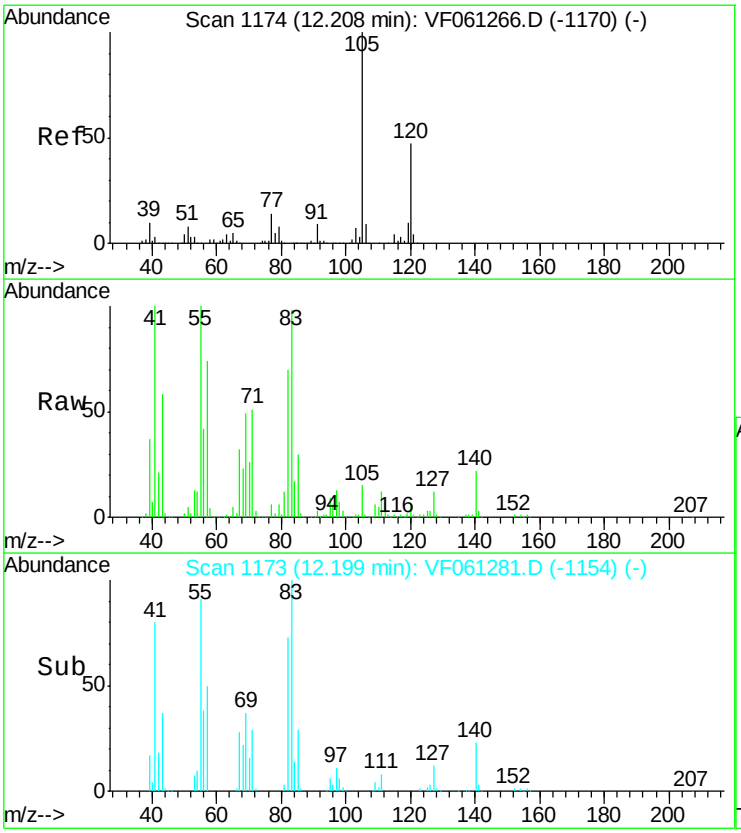
#83
tert-Butylbenzene
Concen: 12.326 ug/l
RT: 12.12 min Scan# 1165
Delta R.T. -0.01 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Tgt Ion:119 Resp: 30028

Ion	Ratio	Lower	Upper
119	100		
91	79.1	32.0	96.0
134	25.5	12.1	36.3

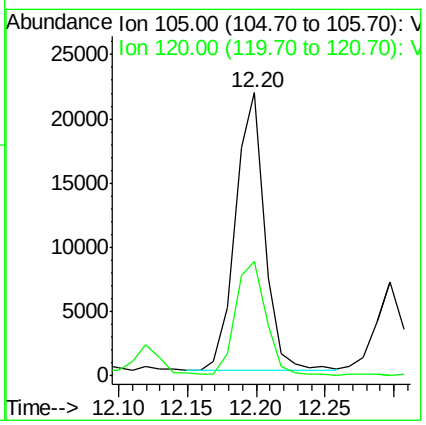


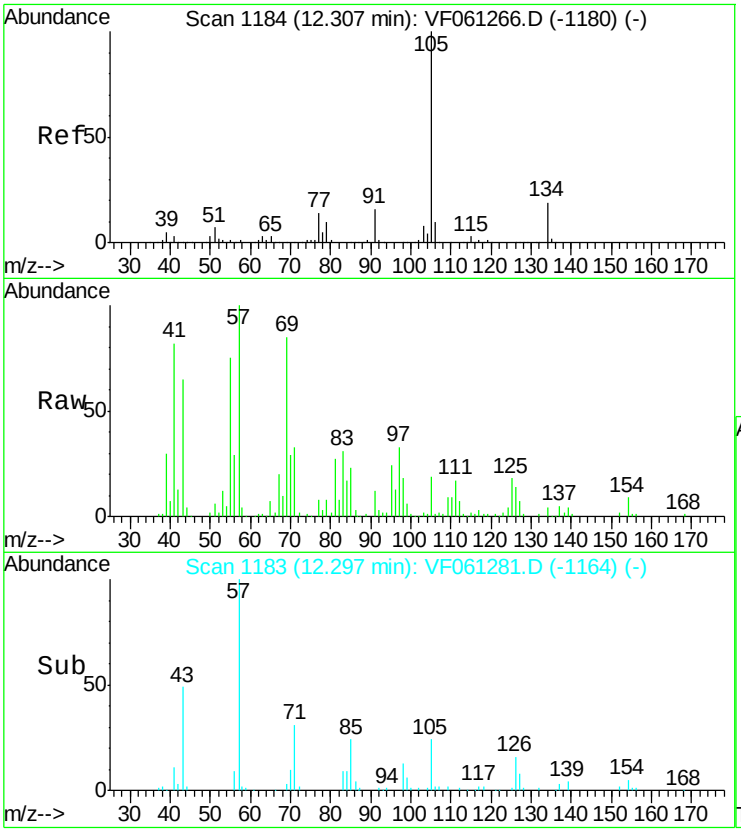


#84
1,2,4-Trimethylbenzene
Concen: 13.634 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. -0.01 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion:105 Resp: 32069

Ion	Ratio	Lower	Upper
105	100		
120	40.2	23.3	69.9



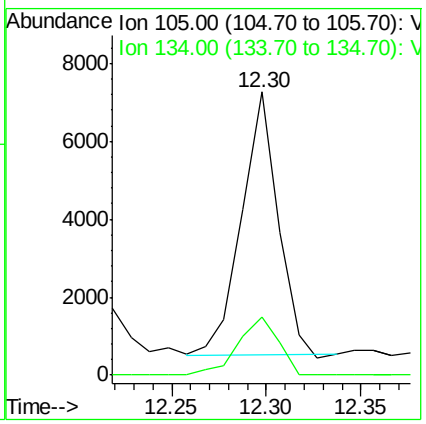


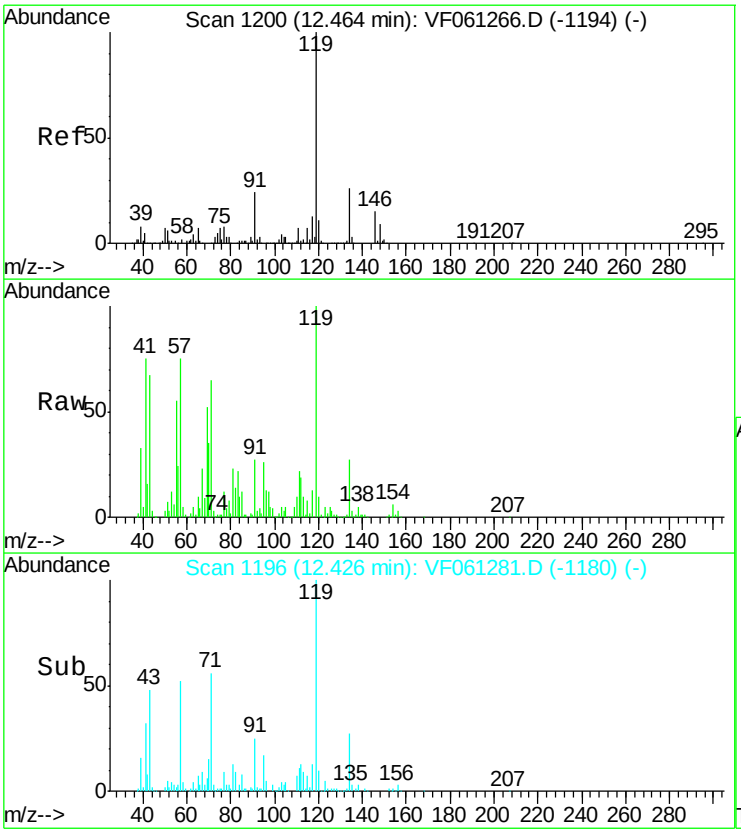
#85
sec-Butylbenzene
Concen: 2.726 ug/l
RT: 12.30 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument :
MSVOA_F
ClientSampleId :
P-1419-S

Tgt Ion:105 Resp: 9007

Ion	Ratio	Lower	Upper
105	100		
134	20.7	9.4	28.2

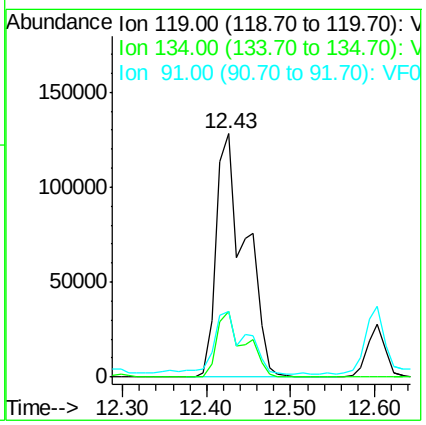


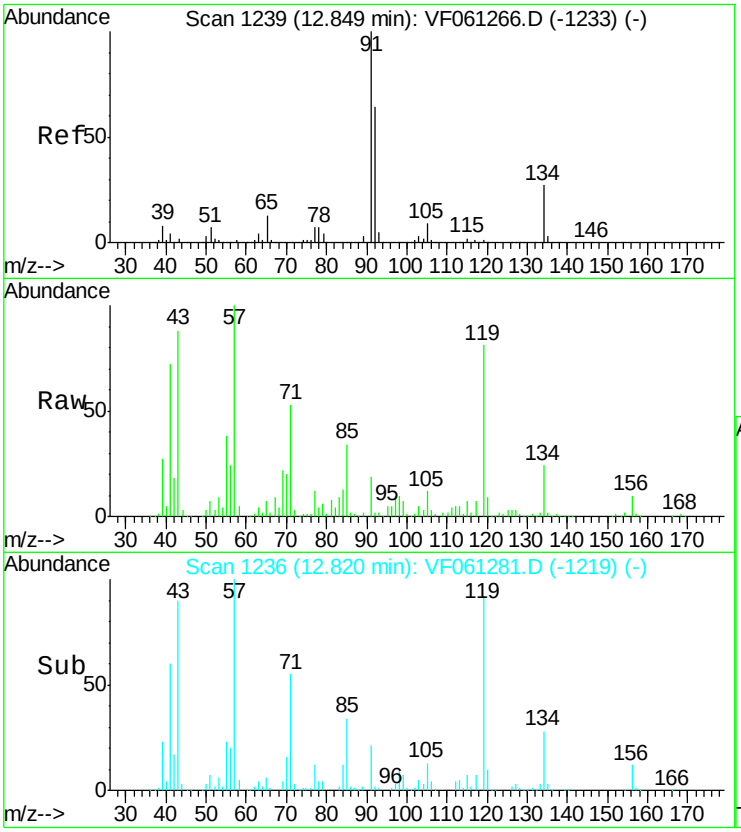


#86
p-Isopropyltoluene
Concen: 113.452 ug/l
RT: 12.43 min Scan# 1196
Delta R.T. -0.04 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion:119 Resp: 308894

Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.2	39.6
91	27.0	11.9	35.7



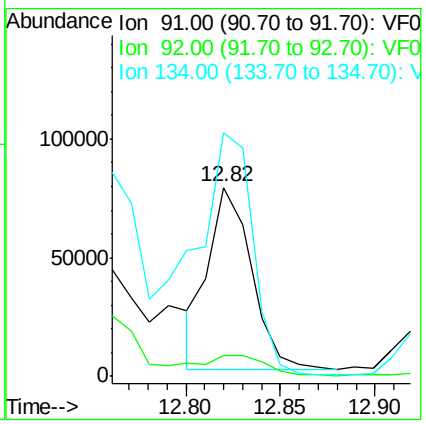


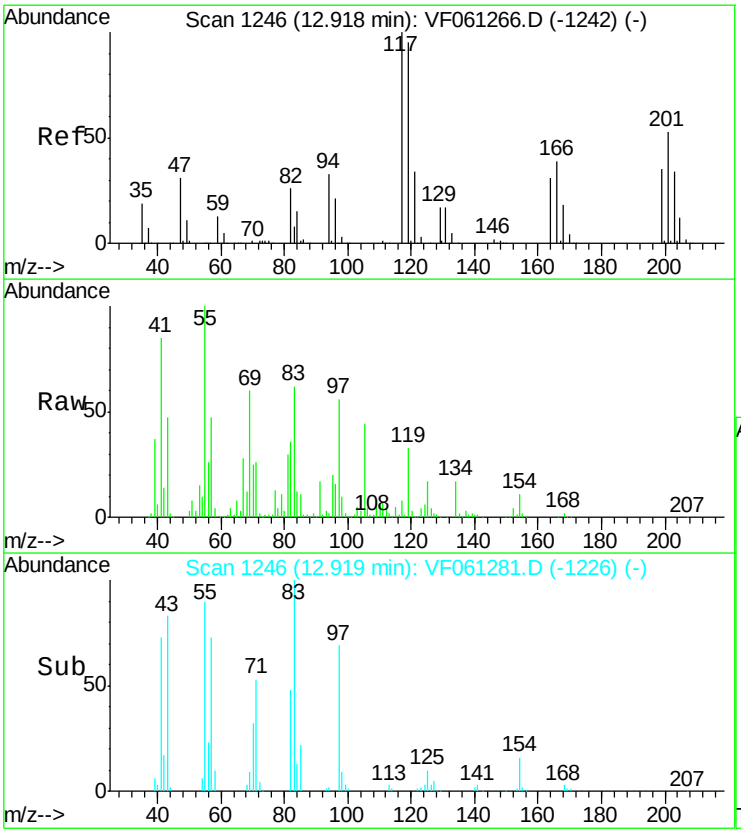
#89
n-Butylbenzene
Concen: 49.143 ug/l
RT: 12.82 min Scan# 1236
Delta R.T. -0.03 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument : MSVOA_F
ClientSampleId : P-1419-S

Tgt Ion: 91 Resp: 120546

Ion	Ratio	Lower	Upper
91	100		
92	10.9	31.9	95.7#
134	128.9	13.6	40.7#

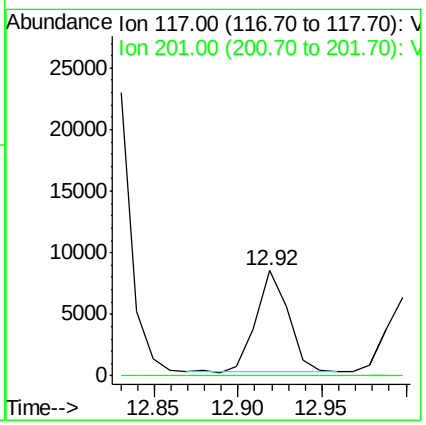


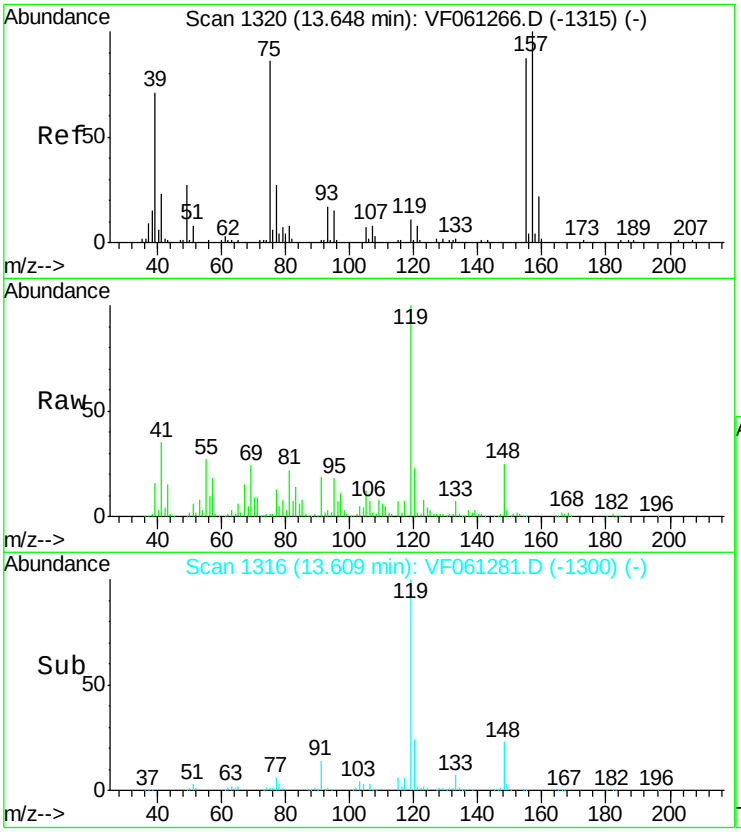


#90
Hexachloroethane
Concen: 16.586 ug/l
RT: 12.92 min Scan# 1246
Delta R.T. 0.00 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion:117 Resp: 11141

Ion	Ratio	Lower	Upper
117	100		
201	0.0	26.6	79.7#



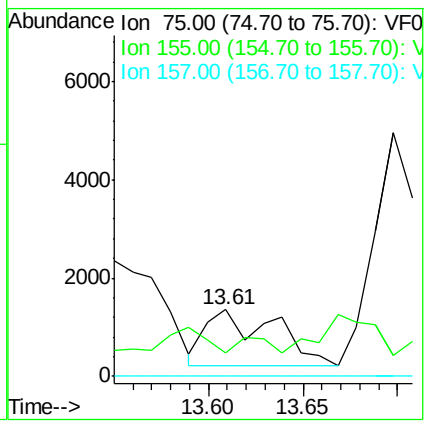


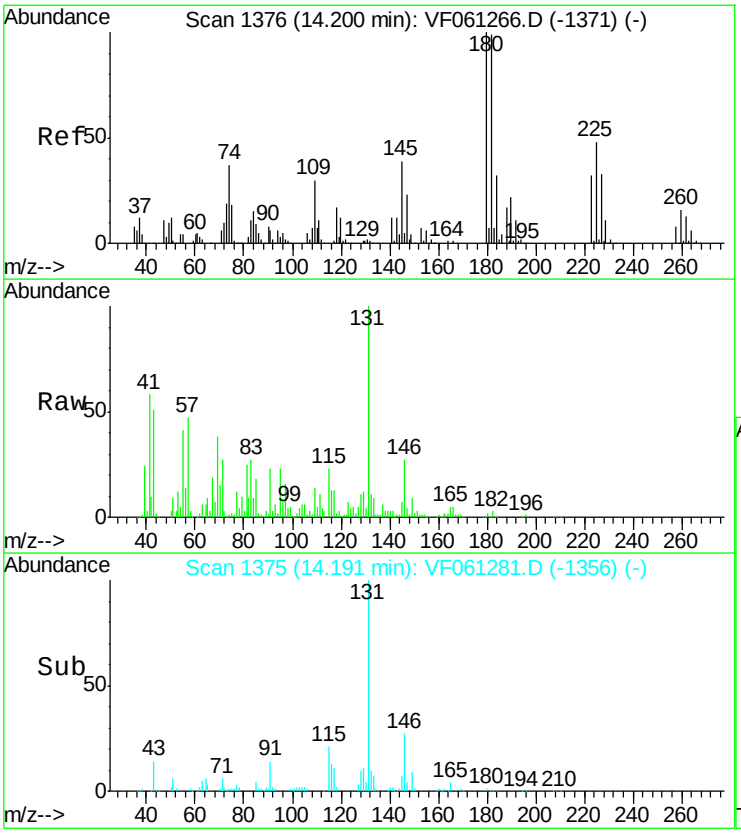
#92
1,2-Dibromo-3-Chloropropane
Concen: 31.709 ug/l
RT: 13.61 min Scan# 1316
Delta R.T. -0.04 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument :
MSVOA_F
ClientSampleId :
P-1419-S

Tgt Ion: 75 Resp: 2913

Ion	Ratio	Lower	Upper
75	100		
155	35.7	50.6	151.8#
157	0.0	58.0	173.9#

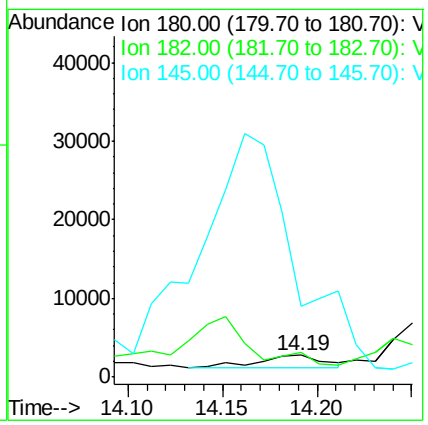


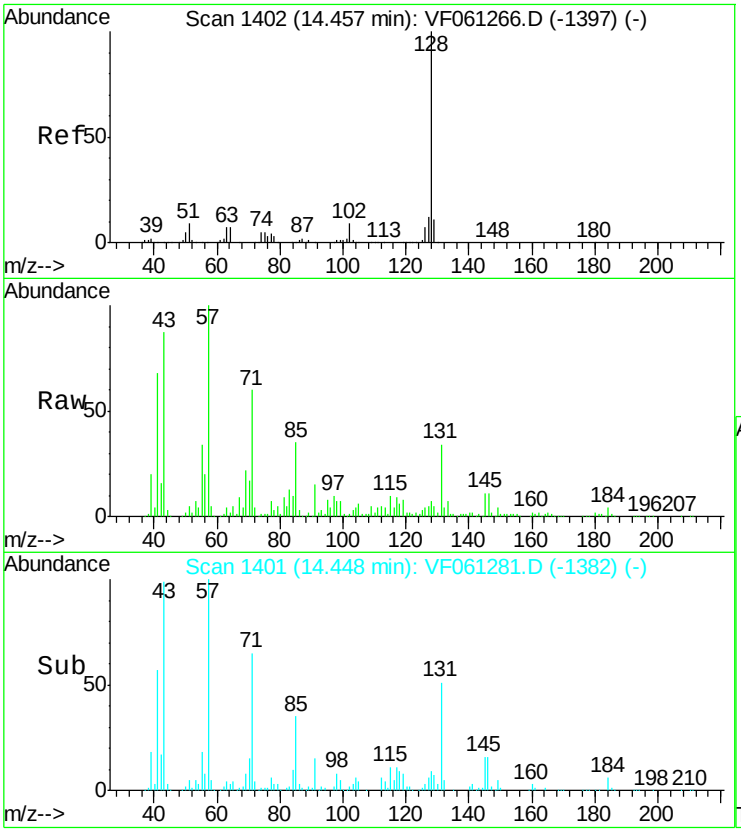


#93
1,2,4-Trichlorobenzene
Concen: 4.422 ug/l
RT: 14.19 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion:180 Resp: 3546

Ion	Ratio	Lower	Upper
180	100		
182	110.8	49.5	148.3
145	322.7	19.7	59.0#



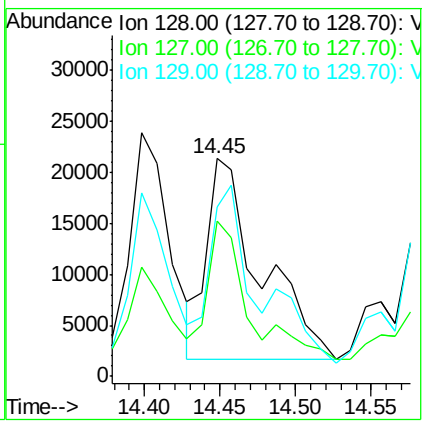


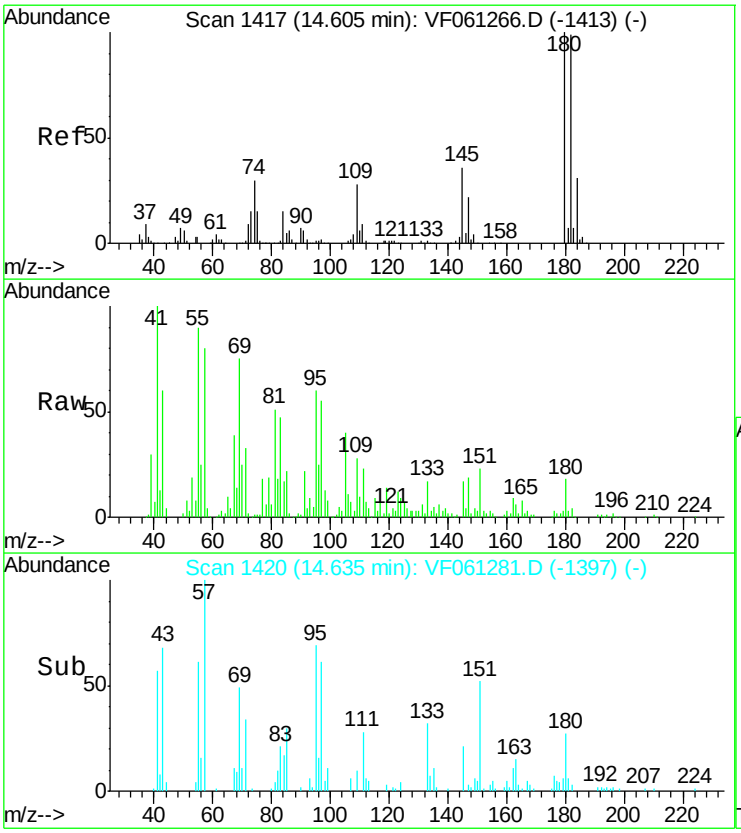
#95
Naphthalene
Concen: 32.638 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.01 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Instrument :
MSVOA_F
ClientSampleId :
P-1419-S

Tgt Ion:128 Resp: 48924

Ion	Ratio	Lower	Upper
128	100		
127	71.5	9.8	14.6#
129	77.7	9.0	13.4#





#96
1,2,3-Trichlorobenzene
Concen: 28.191 ug/l
RT: 14.64 min Scan# 1420
Delta R.T. 0.03 min
Lab File: VF061281.D
Acq: 7 Jan 2019 16:07

Tgt Ion:180 Resp: 20962

Ion	Ratio	Lower	Upper
180	100		
182	19.4	49.5	148.5#
145	92.4	18.0	54.0#