Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081418\
Data File : VF059958.D
Acq On : 14 Aug 2018 21:28
Operator : VA/AP
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VSTDICC150

Quant Time: Aug 15 08:55:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081418S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 08:56:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.06	168	134588	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.78	114	195555	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.94	117	189055	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	117407	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.04	65	327544	134.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 269.48%				
35) Dibromofluoromethane	4.31	113	258232	133.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 267.44%				
50) Toluene-d8	7.73	98	626590	151.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 302.14%				
62) 4-Bromofluorobenzene	11.53	95	325453	139.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 278.94%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.99	85	273000	121.64	ug/l		89
3) Chloromethane	1.10	50	123662	118.93	ug/l		93
4) Vinyl Chloride	1.16	62	150325	139.32	ug/l		97
5) Bromomethane	1.35	94	118379	117.08	ug/l		99
6) Chloroethane	1.43	64	91666	135.58	ug/l		97
7) Trichlorofluoromethane	1.54	101	263874	88.51	ug/l		97
8) Diethyl Ether	1.71	74	61257	131.51	ug/l		87
9) 1,1,2-Trichlorotrifluoroet	1.92	101	193561	119.24	ug/l		98
10) Methyl Iodide	1.98	142	325126	130.89	ug/l		91
11) Tert butyl alcohol	2.70	59	63245	637.36	ug/l		94
12) 1,1-Dichloroethene	1.87	96	152961	128.63	ug/l		99
13) Acrolein	2.10	56	44004	746.21	ug/l		96
14) Allyl chloride	2.19	41	207475	108.70	ug/l		93
15) Acrylonitrile	3.09	53	107681	621.27	ug/l		99
16) Acetone	2.35	43	295716	657.14	ug/l		95
17) Carbon Disulfide	1.90	76	305420	97.68	ug/l		93
18) Methyl Acetate	2.46	43	87538	118.21	ug/l	#	92
19) Methyl tert-butyl Ether	2.55	73	435244	129.20	ug/l		99
20) Methylene Chloride	2.33	84	72362	72.10	ug/l		92
21) trans-1,2-Dichloroethene	2.42	96	144800	123.19	ug/l		95
22) Diisopropyl ether	2.93	45	519840	136.46	ug/l		96
23) Vinyl Acetate	3.35	43	1290813	696.06	ug/l		100
24) 1,1-Dichloroethane	3.01	63	346091	125.08	ug/l		98
25) 2-Butanone	4.53	43	335350	694.42	ug/l		100
26) 2,2-Dichloropropane	3.78	77	207801	126.44	ug/l		98
27) cis-1,2-Dichloroethene	3.65	96	165248	126.27	ug/l		98
28) Bromochloromethane	3.91	49	121137	122.13	ug/l	#	83
29) Tetrahydrofuran	4.26	42	114856	646.15	ug/l		98
30) Chloroform	4.06	83	481477	128.50	ug/l		98
31) Cyclohexane	3.88	56	182549	133.64	ug/l		88
32) 1,1,1-Trichloroethane	4.29	97	387092	128.99	ug/l		95
36) 1,1-Dichloropropene	4.48	75	298444	134.44	ug/l		97
37) Ethyl Acetate	4.30	43	124672	130.90	ug/l		82
38) Carbon Tetrachloride	4.19	117	460015	138.94	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081418\
Data File : VF059958.D
Acq On : 14 Aug 2018 21:28
Operator : VA/AP
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VSTDICC150

Quant Time: Aug 15 08:55:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081418S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 08:56:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	5.64	83	222545	134.40	ug/l		96
40) Benzene	4.83	78	499986	134.61	ug/l		97
41) Methacrylonitrile	4.94	41	64469	129.33	ug/l	#	82
42) 1,2-Dichloroethane	5.13	62	377313	121.88	ug/l		96
43) Isopropyl Acetate	7.12	43	158345	157.85	ug/l	#	96
44) Trichloroethene	5.69	130	186412	126.23	ug/l		99
45) 1,2-Dichloropropane	6.42	63	141917	139.13	ug/l		93
46) Dibromomethane	6.28	93	131205	126.86	ug/l		90
47) Bromodichloromethane	6.57	83	384603	135.75	ug/l		99
48) Methyl methacrylate	6.89	41	123072	158.96	ug/l		92
49) 1,4-Dioxane	6.88	88	17700	2965.01	ug/l	#	74
51) 4-Methyl-2-Pentanone	8.42	43	679551	667.01	ug/l		96
52) Toluene	7.79	92	374169	132.70	ug/l		96
53) t-1,3-Dichloropropene	8.44	75	310761	141.67	ug/l		96
54) cis-1,3-Dichloropropene	7.48	75	316027	140.97	ug/l		97
55) 1,1,2-Trichloroethane	8.66	97	137234	135.32	ug/l		96
56) Ethyl methacrylate	8.78	69	166079	140.98	ug/l		96
57) 1,3-Dichloropropane	9.02	76	237189	134.72	ug/l		98
58) 2-Chloroethyl Vinyl ether	7.80	63	86213	642.67	ug/l		100
59) 2-Hexanone	9.65	43	501903	693.25	ug/l		95
60) Dibromochloromethane	8.88	129	259628	135.80	ug/l		94
61) 1,2-Dibromoethane	9.15	107	172389	139.55	ug/l		98
64) Tetrachloroethene	8.33	164	201545	127.59	ug/l		98
65) Chlorobenzene	9.96	112	517002	136.54	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.09	131	243508	130.16	ug/l		94
67) Ethyl Benzene	10.06	91	915987	139.75	ug/l		97
68) m/p-Xylenes	10.29	106	594257	262.15	ug/l		99
69) o-Xylene	10.85	106	341033	143.38	ug/l		97
70) Styrene	10.92	104	493399	137.43	ug/l		98
71) Bromoform	10.91	173	155914	135.11	ug/l		99
73) Isopropylbenzene	11.24	105	1072281	147.58	ug/l		99
74) N-amyl acetate	11.48	43	265497	141.01	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.80	83	178271	131.65	ug/l		97
76) 1,2,3-Trichloropropane	11.90	75	154580	132.21	ug/l		93
77) Bromobenzene	11.61	156	273260	137.92	ug/l		92
78) n-propylbenzene	11.71	91	1159258	134.86	ug/l		94
79) 2-Chlorotoluene	11.83	91	758178	140.12	ug/l		100
80) 1,3,5-Trimethylbenzene	11.92	105	941750	139.67	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.97	75	95074	204.63	ug/l		83
82) 4-Chlorotoluene	12.00	91	819849	137.89	ug/l		98
83) tert-Butylbenzene	12.23	119	895168	135.53	ug/l		96
84) 1,2,4-Trimethylbenzene	12.30	105	949214	135.80	ug/l		99
85) sec-Butylbenzene	12.40	105	1161004	132.56	ug/l		100
86) p-Isopropyltoluene	12.55	119	1037753	141.42	ug/l		96
87) 1,3-Dichlorobenzene	12.57	146	484272	129.11	ug/l		96
88) 1,4-Dichlorobenzene	12.66	146	491472	133.10	ug/l		97
89) n-Butylbenzene	12.93	91	984297	139.05	ug/l		98
90) Hexachloroethane	13.01	117	264606	132.26	ug/l		90
91) 1,2-Dichlorobenzene	13.04	146	473572	131.66	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	13.73	75	51307	150.13	ug/l		95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081418\
Data File : VF059958.D
Acq On : 14 Aug 2018 21:28
Operator : VA/AP
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VSTDICC150

Quant Time: Aug 15 08:55:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081418S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 08:56:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.28	180	384465	138.92 ug/l	96
94) Hexachlorobutadiene	14.27	225	269102	137.39 ug/l	97
95) Naphthalene	14.54	128	739041	156.08 ug/l	98
96) 1,2,3-Trichlorobenzene	14.68	180	387612	143.20 ug/l	96

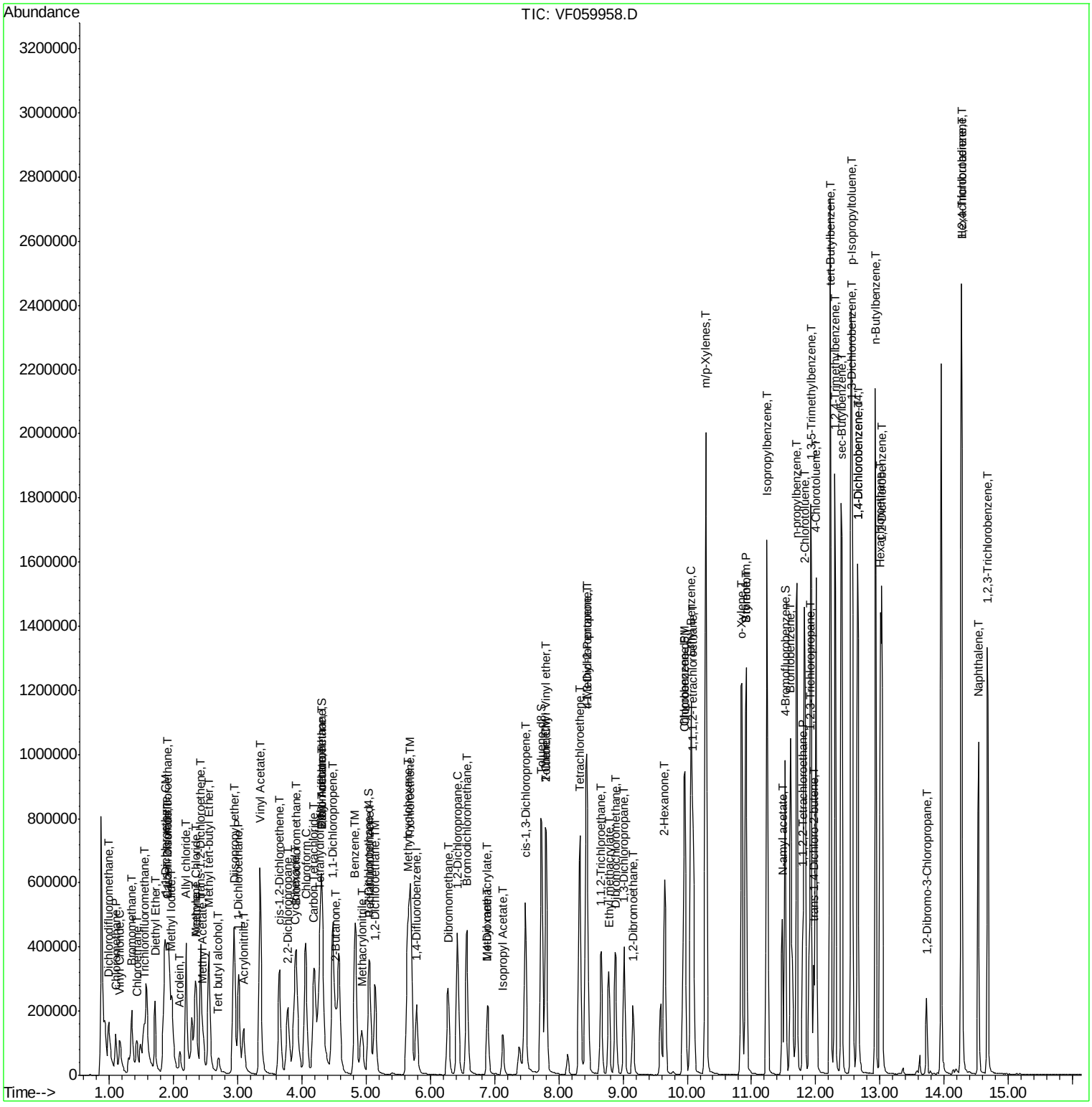
(#) = qualifier out of range (m) = manual integration (+) = signals summed

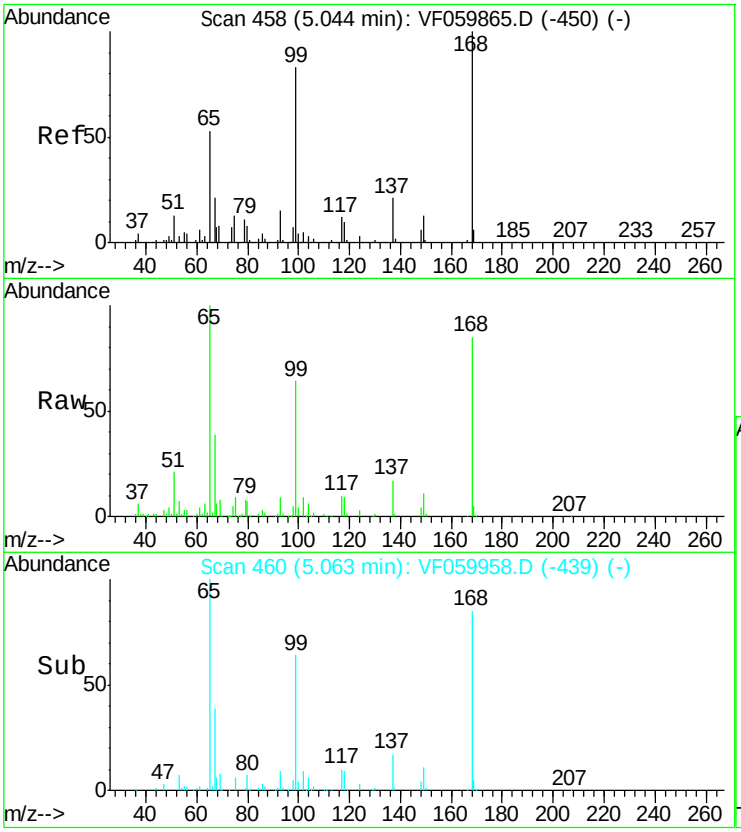
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081418\
Data File : VF059958.D
Acq On : 14 Aug 2018 21:28
Operator : VA/AP
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Quant Time: Aug 15 08:55:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081418S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 08:56:44 2018
Response via : Initial Calibration



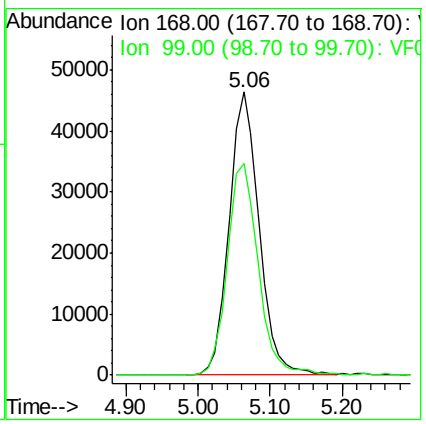


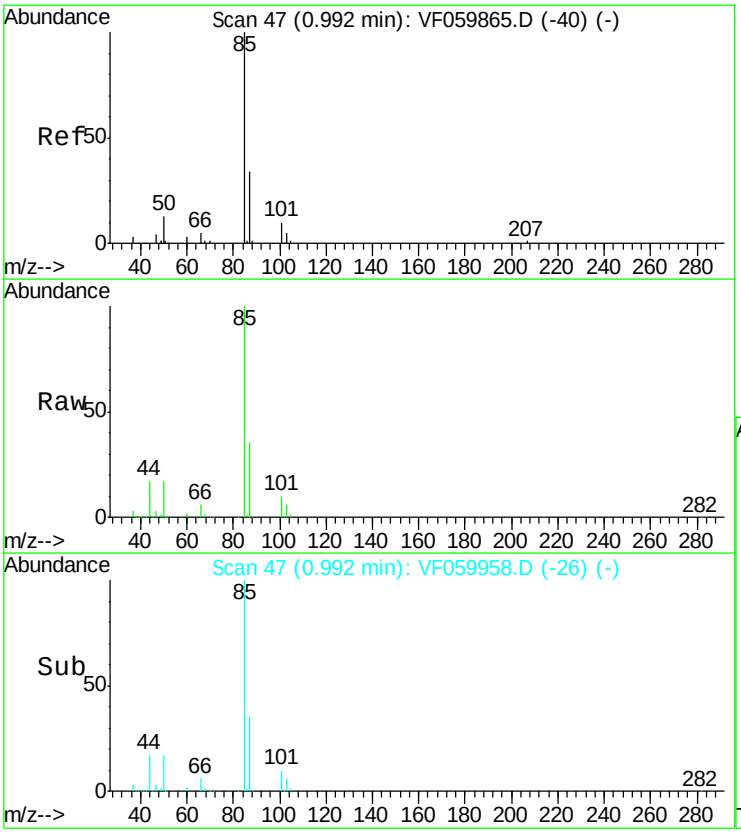
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.06 min Scan# 460
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 134588

Ion	Ratio	Lower	Upper
168	100		
99	74.9	67.4	101.0

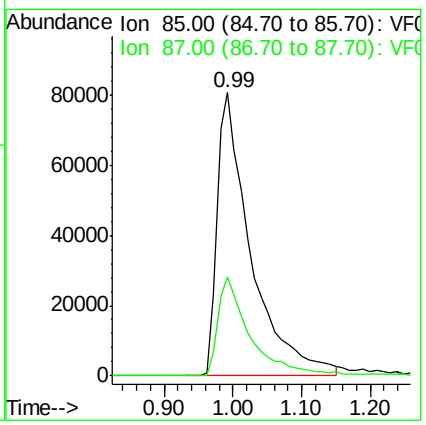


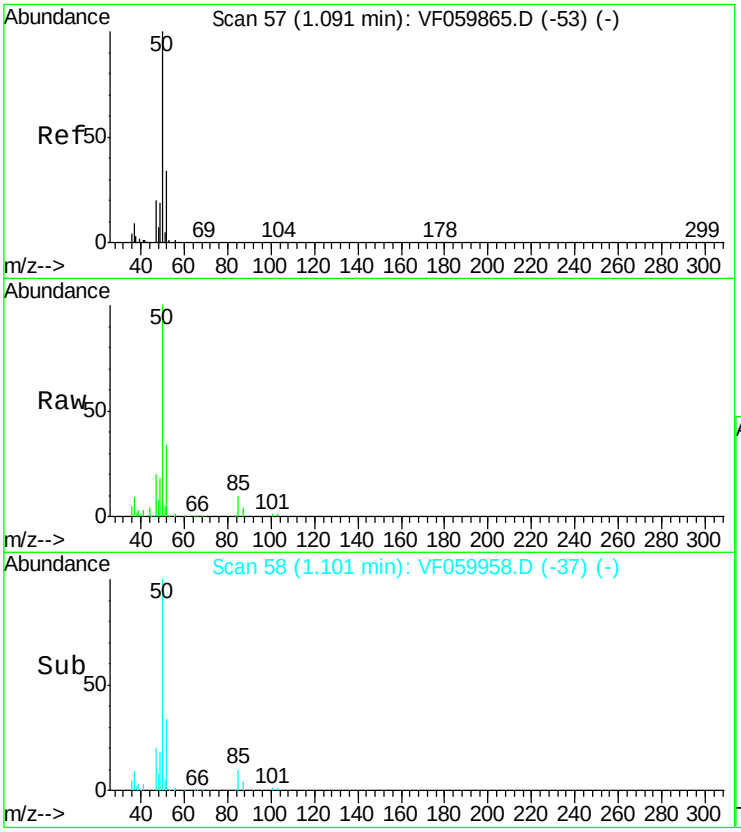


#2
Dichlorodifluoromethane
Concen: 121.64 ug/l
RT: 0.99 min Scan# 47
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 85 Resp: 273000

Ion	Ratio	Lower	Upper
85	100		
87	34.9	14.4	43.4



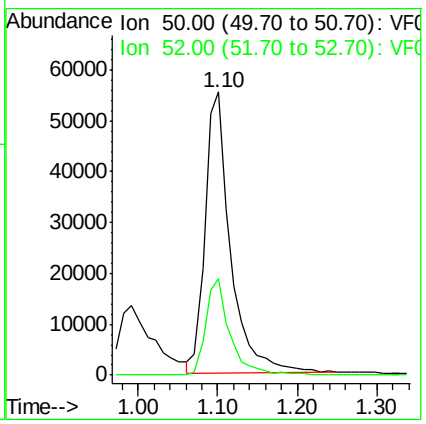


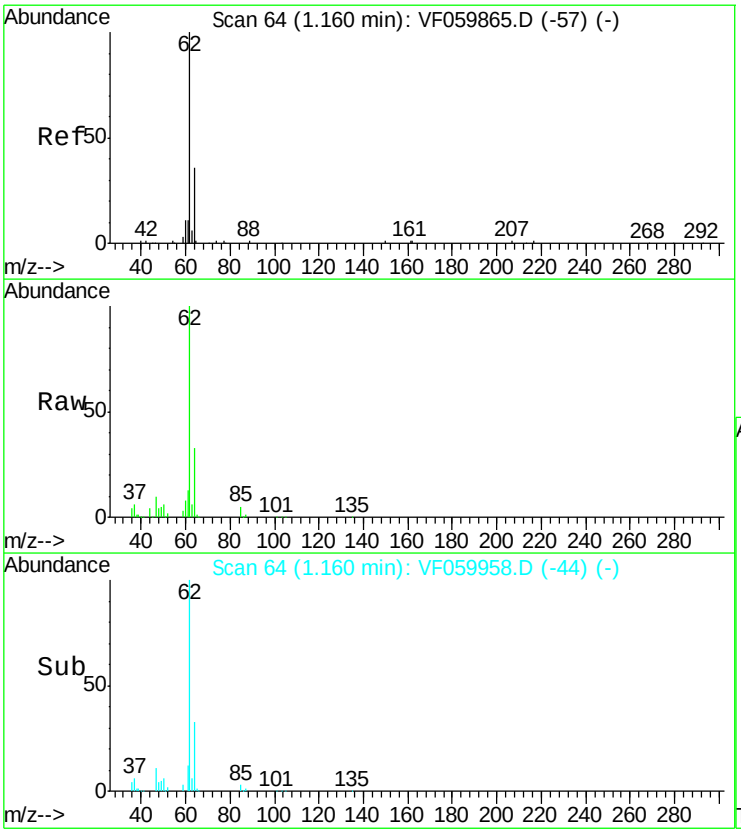
#3
Chloromethane
Concen: 118.93 ug/l
RT: 1.10 min Scan# 58
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument : MSVOA_F
ClientSampleId : VSTDICC150

Tgt Ion: 50 Resp: 123662

Ion	Ratio	Lower	Upper
50	100		
52	34.3	24.2	36.2

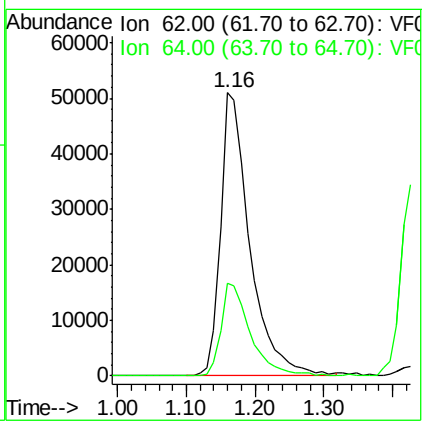


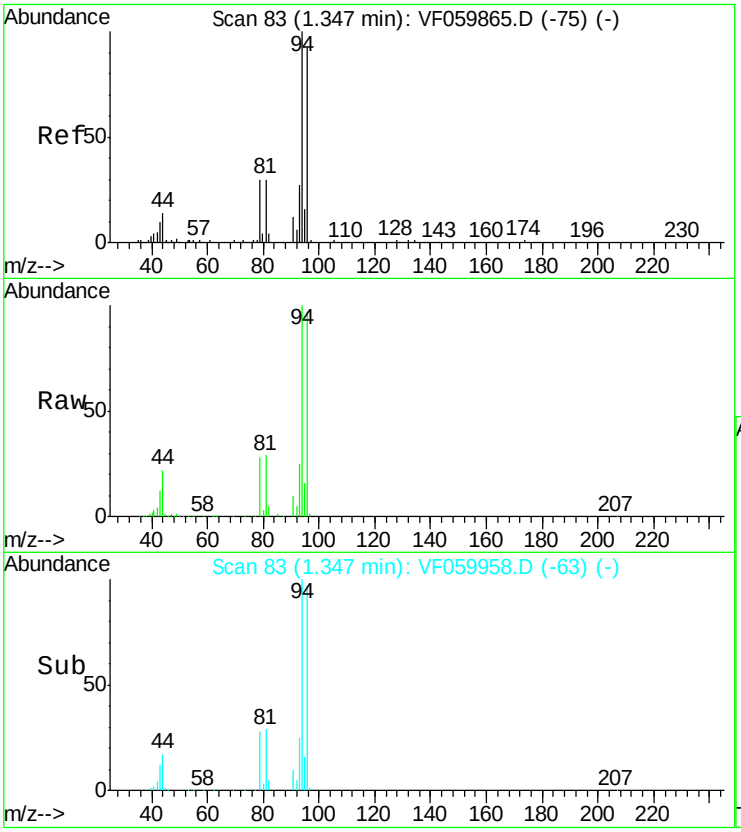


#4
Vinyl Chloride
Concen: 139.32 ug/l
RT: 1.16 min Scan# 64
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 62 Resp: 150325

Ion	Ratio	Lower	Upper
62	100		
64	32.7	24.7	37.1



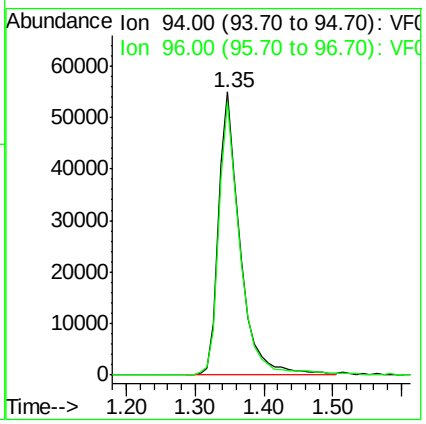


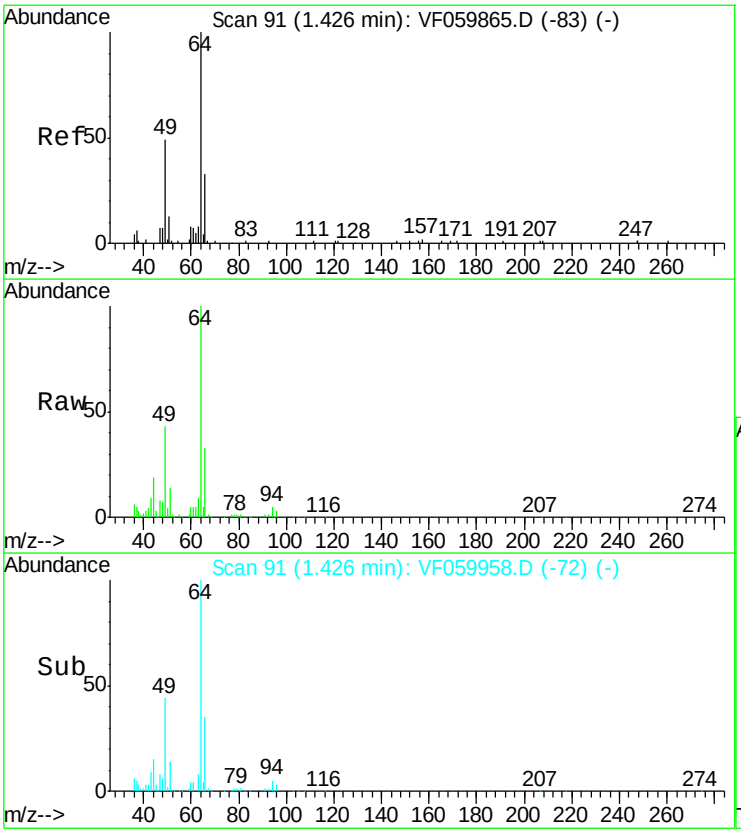
#5
Bromomethane
Concen: 117.08 ug/l
RT: 1.35 min Scan# 83
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 118379

Ion	Ratio	Lower	Upper
94	100		
96	96.5	76.3	114.5

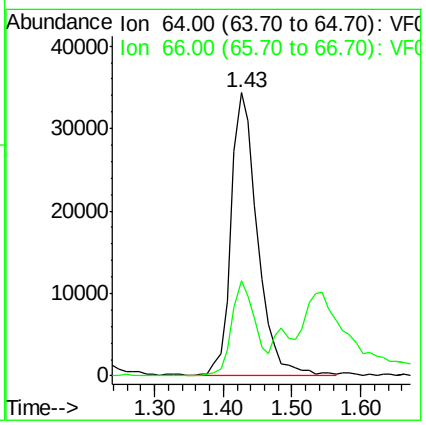


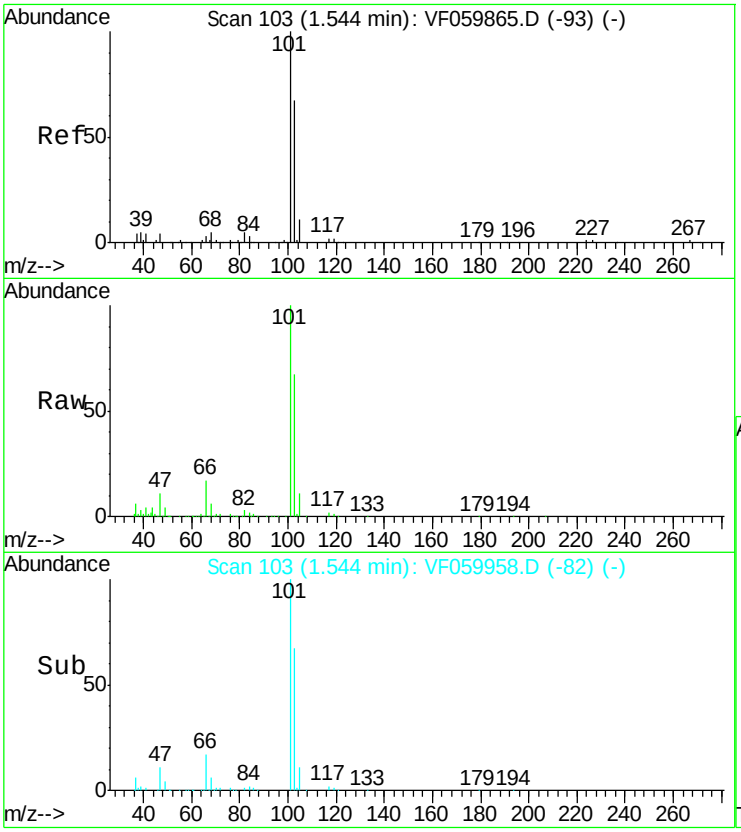


#6
Chloroethane
Concen: 135.58 ug/l
RT: 1.43 min Scan# 91
Delta R.T. -0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 64 Resp: 91666

Ion	Ratio	Lower	Upper
64	100		
66	33.5	28.2	42.2



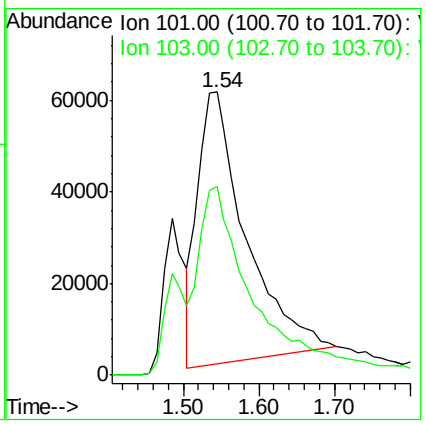


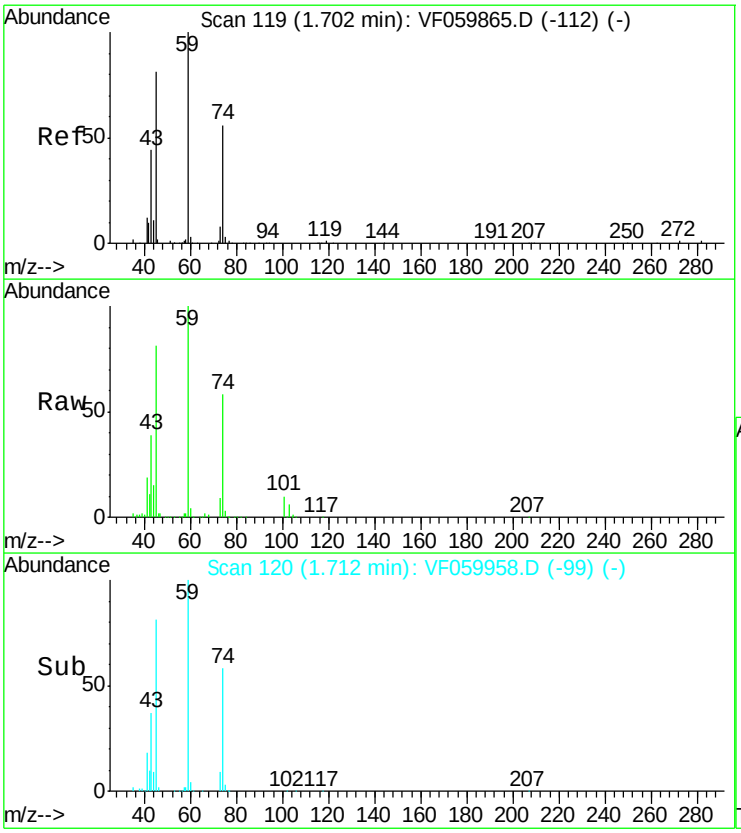
#7
Trichlorofluoromethane
Concen: 88.51 ug/l
RT: 1.54 min Scan# 103
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 263874

Ion	Ratio	Lower	Upper
101	100		
103	66.9	51.6	77.4

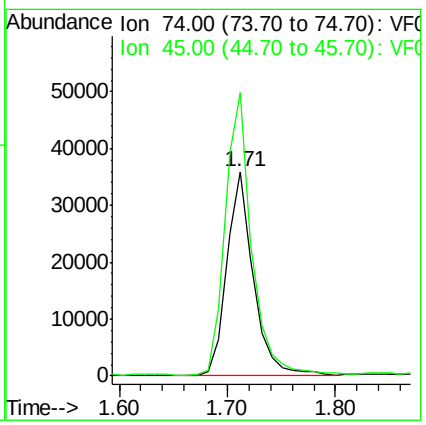


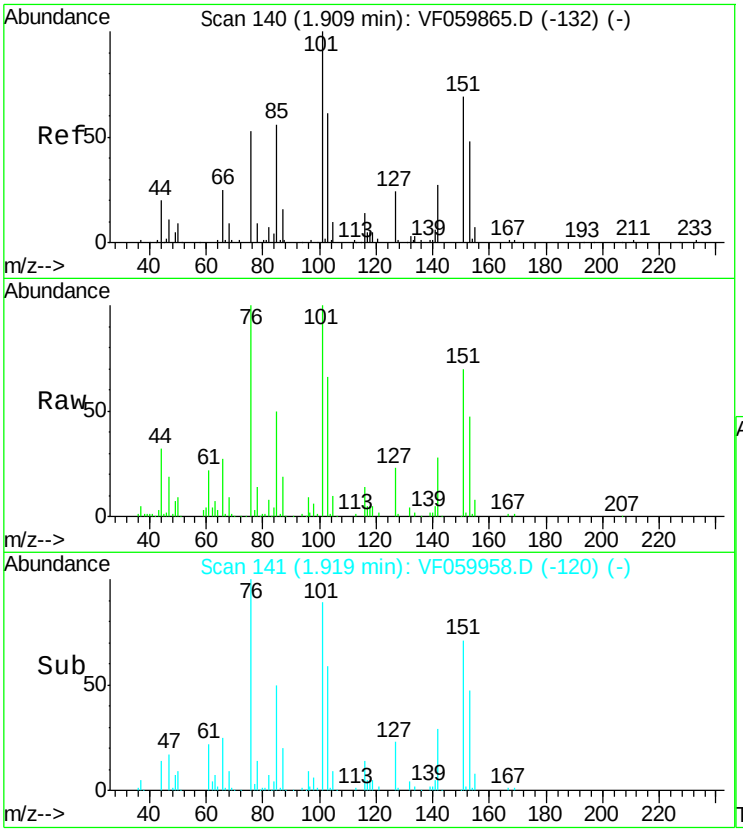


#8
Diethyl Ether
Concen: 131.51 ug/l
RT: 1.71 min Scan# 120
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 74 Resp: 61257

Ion	Ratio	Lower	Upper
74	100		
45	138.8	77.5	232.6



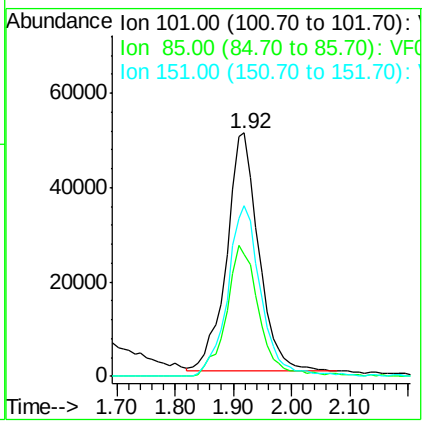


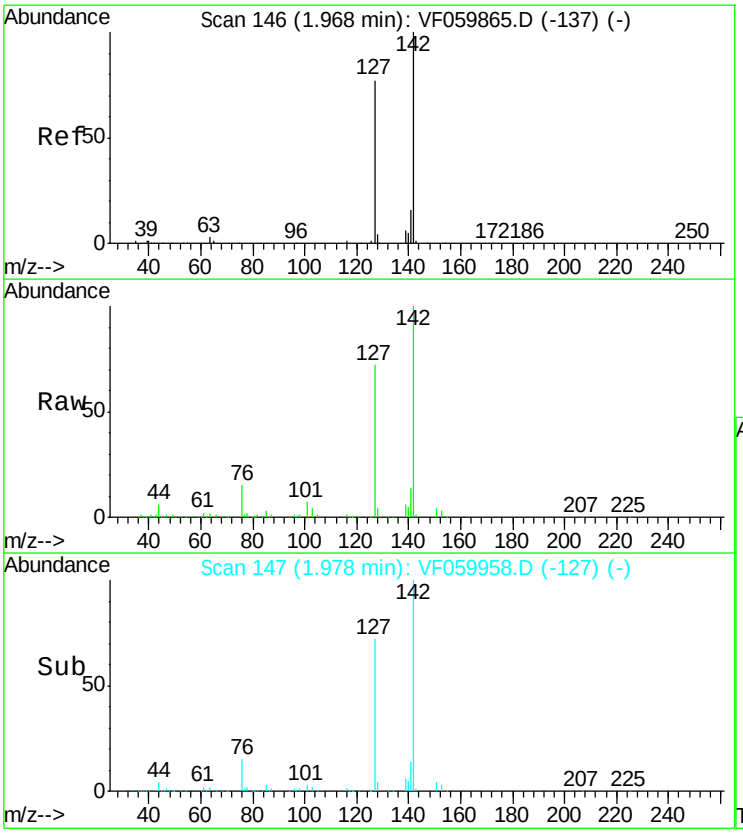
#9
1,1,2-Trichlorotrifluoroethane
Concen: 119.24 ug/l
RT: 1.92 min Scan# 141
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 193561

Ion	Ratio	Lower	Upper
101	100		
85	49.9	42.1	63.1
151	70.2	55.4	83.0

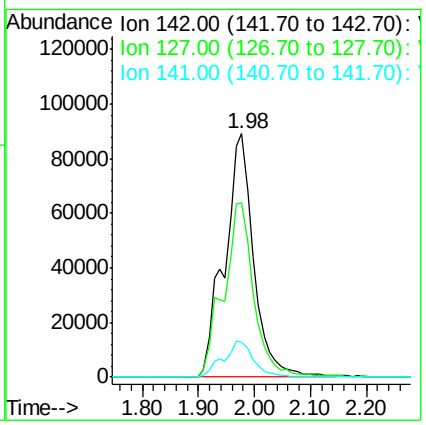


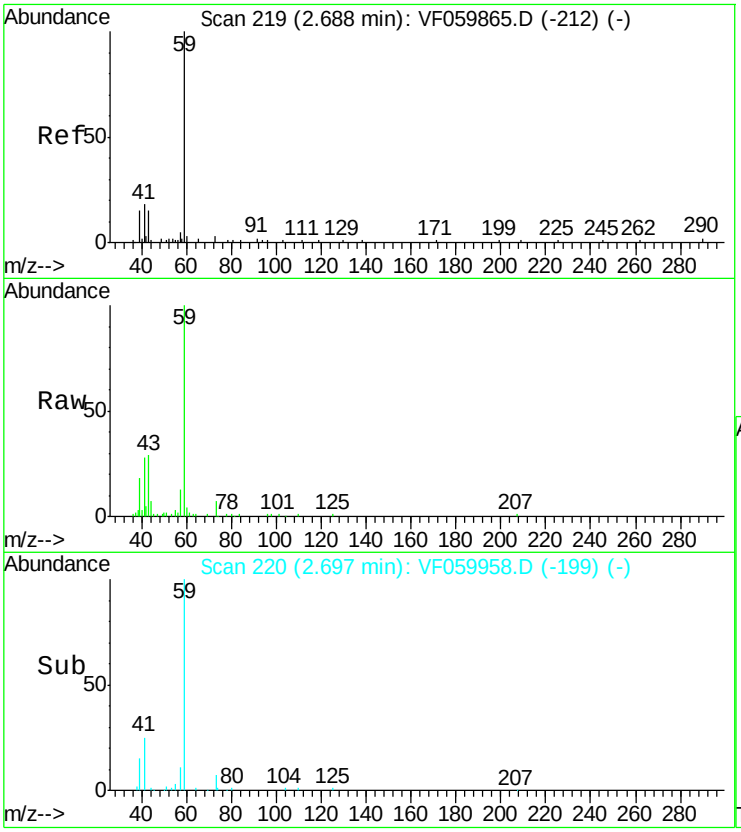


#10
Methyl Iodide
Concen: 130.89 ug/l
RT: 1.98 min Scan# 147
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion:142 Resp: 325126

Ion	Ratio	Lower	Upper
142	100		
127	71.9	64.5	96.7
141	14.2	10.8	16.2



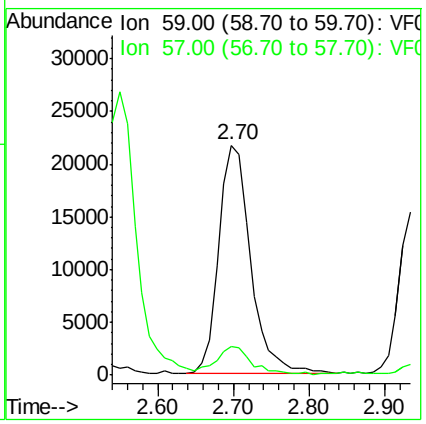


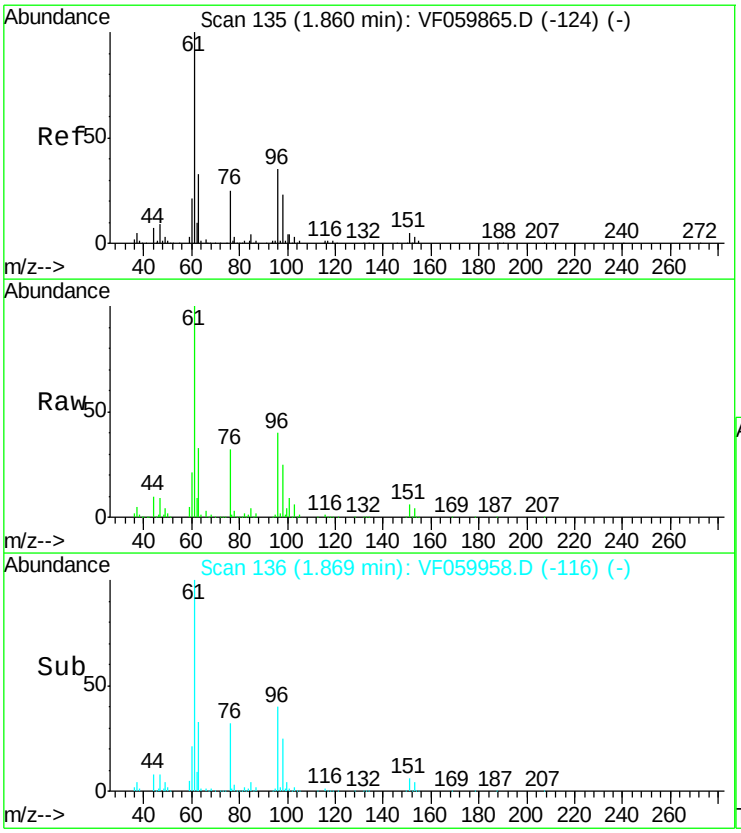
#11
Tert butyl alcohol
Concen: 637.36 ug/l
RT: 2.70 min Scan# 220
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 63245

Ion	Ratio	Lower	Upper
59	100		
57	12.5	12.0	18.0

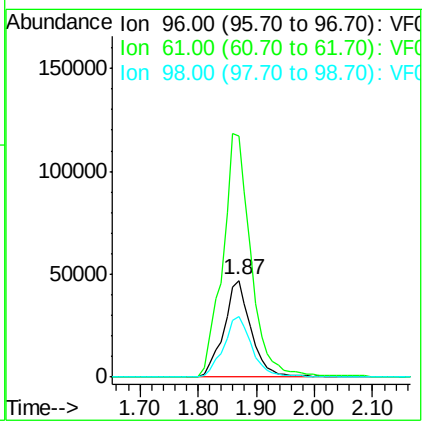


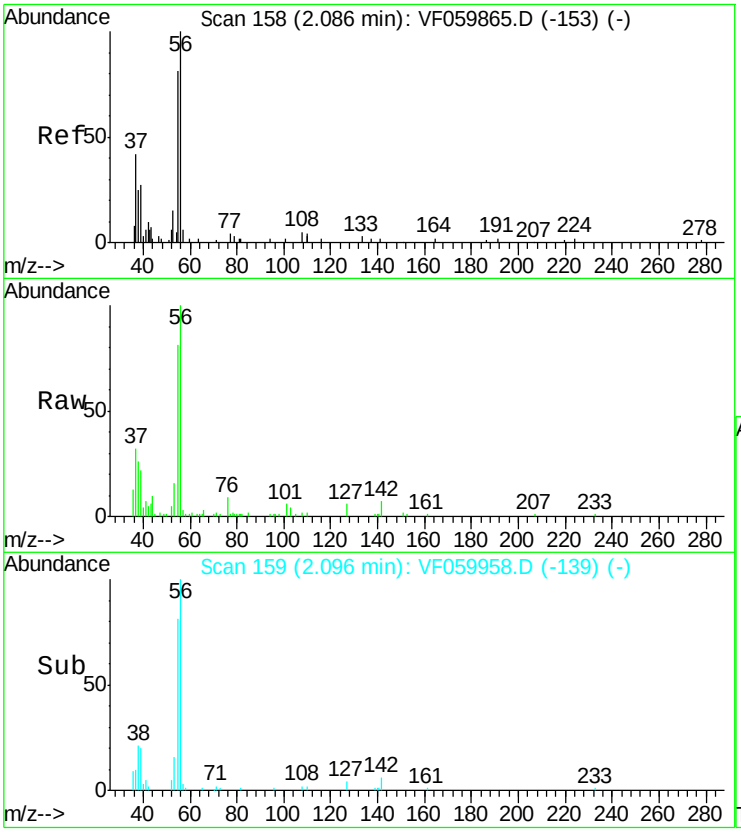


#12
1,1-Dichloroethene
Concen: 128.63 ug/l
RT: 1.87 min Scan# 136
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 96 Resp: 152961

Ion	Ratio	Lower	Upper
96	100		
61	249.7	201.0	301.4
98	63.0	51.9	77.9



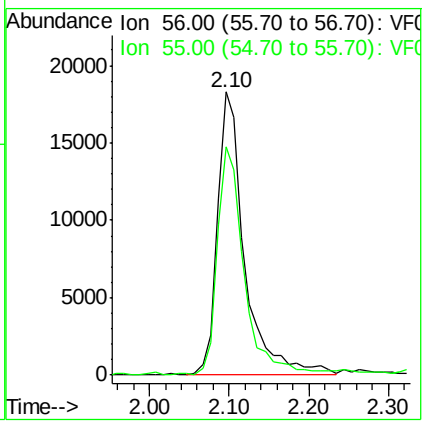


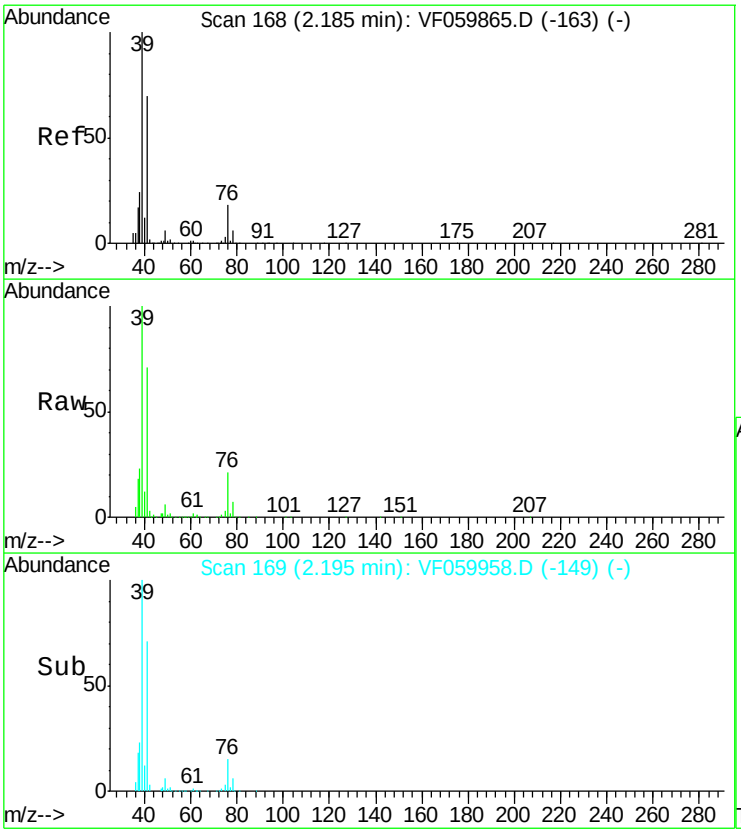
#13
Acrolein
Concen: 746.21 ug/l
RT: 2.10 min Scan# 159
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 44004

Ion	Ratio	Lower	Upper
56	100		
55	80.9	67.4	101.2

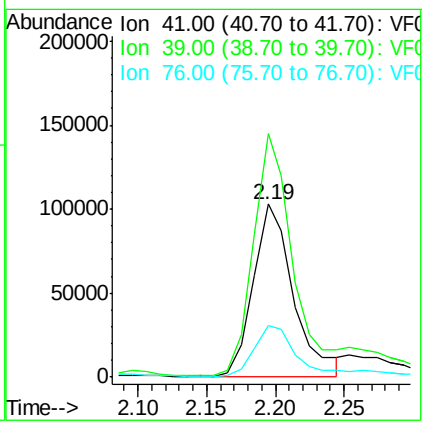


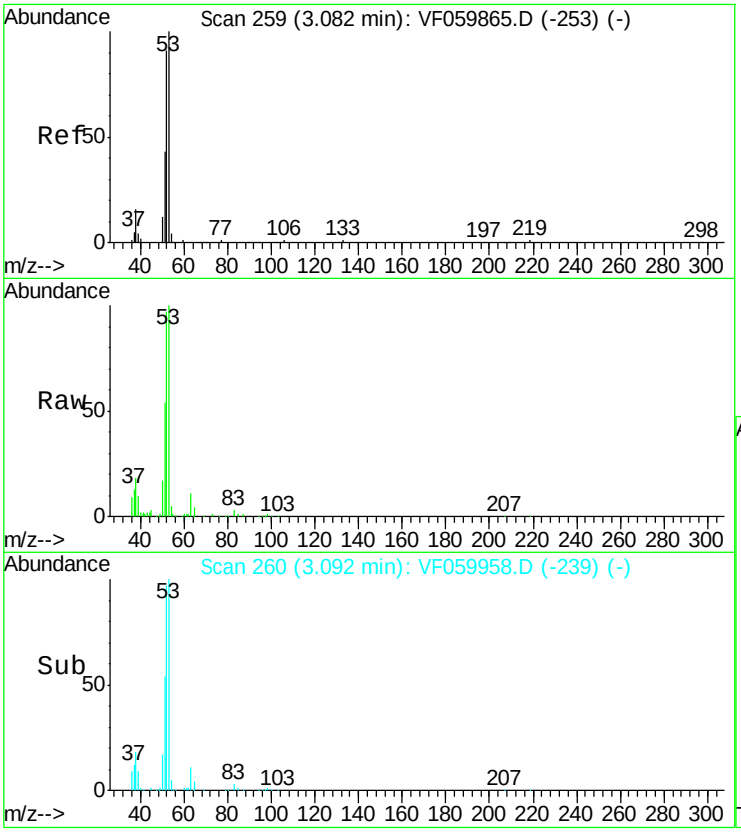


#14
Allyl chloride
Concen: 108.70 ug/l
RT: 2.19 min Scan# 169
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 41 Resp: 207475

Ion	Ratio	Lower	Upper
41	100		
39	140.8	121.0	181.4
76	29.8	23.6	35.4



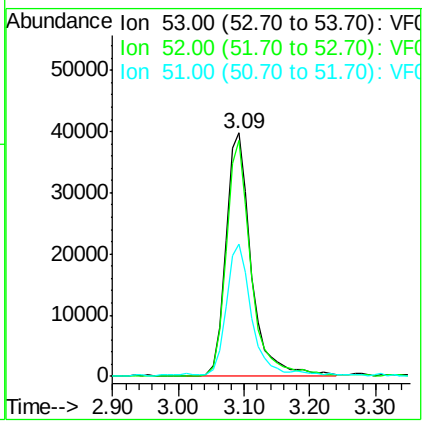


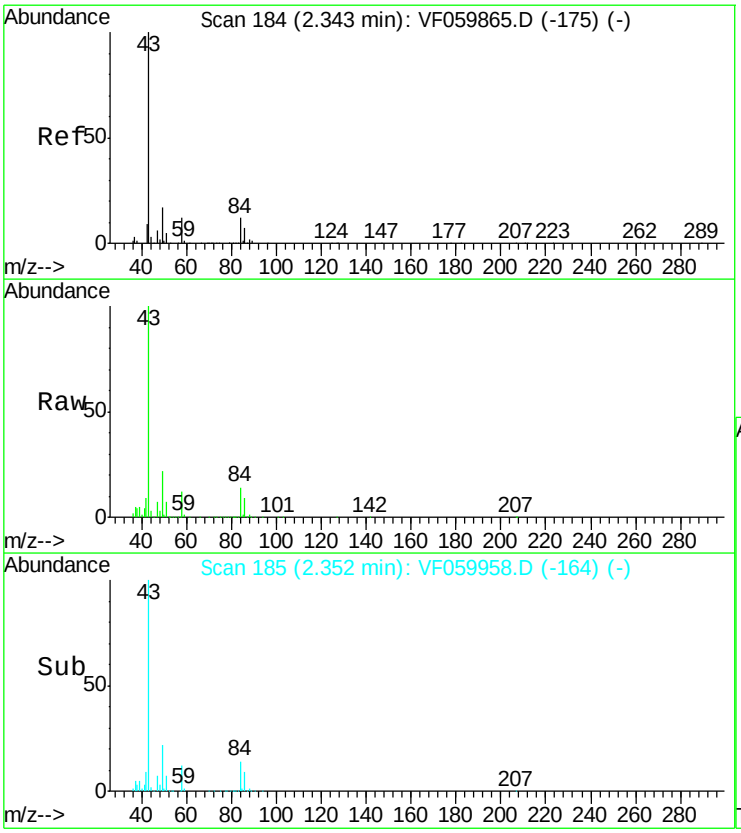
#15
Acrylonitrile
Concen: 621.27 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument : MSVOA_F
ClientSampleId : VSTDICC150

Tgt Ion: 53 Resp: 107681

Ion	Ratio	Lower	Upper
53	100		
52	97.0	78.1	117.1
51	54.4	44.2	66.4

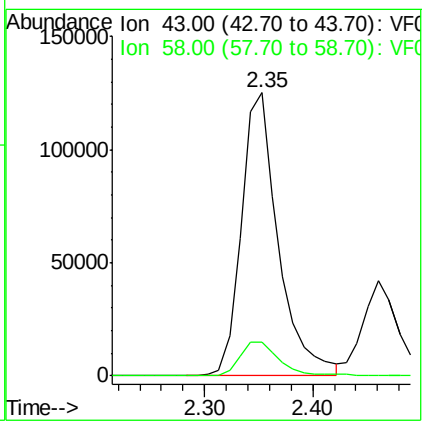


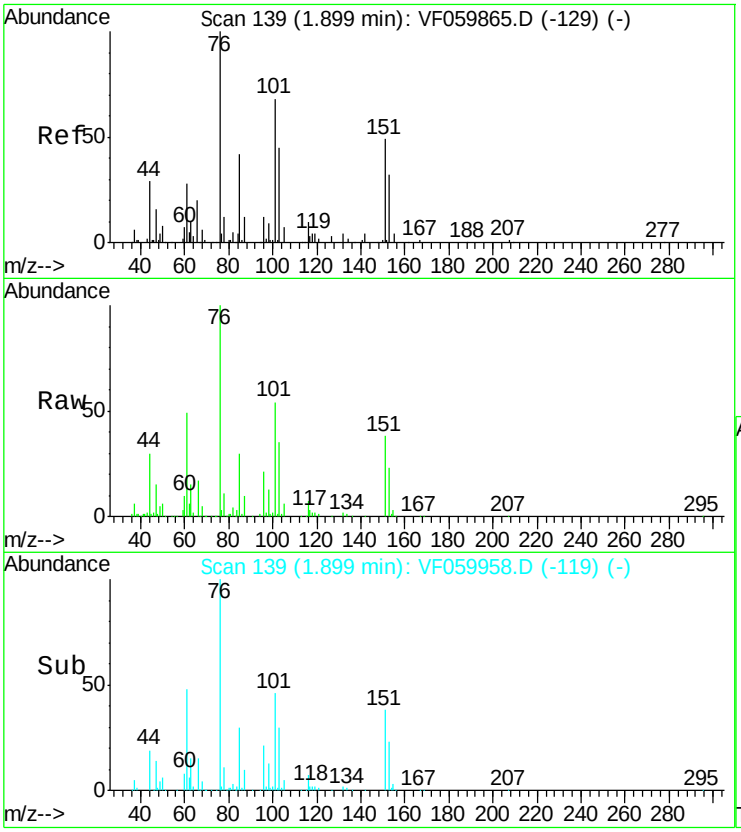


#16
Acetone
Concen: 657.14 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 43 Resp: 295716

Ion	Ratio	Lower	Upper
43	100		
58	11.8	8.1	12.1



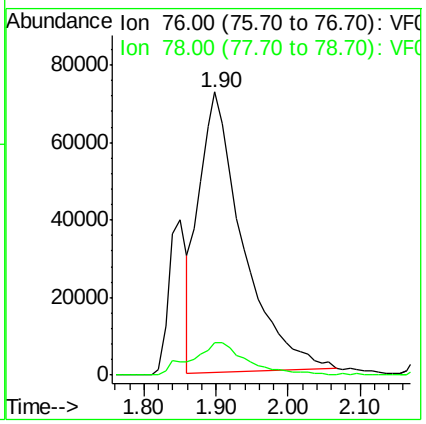


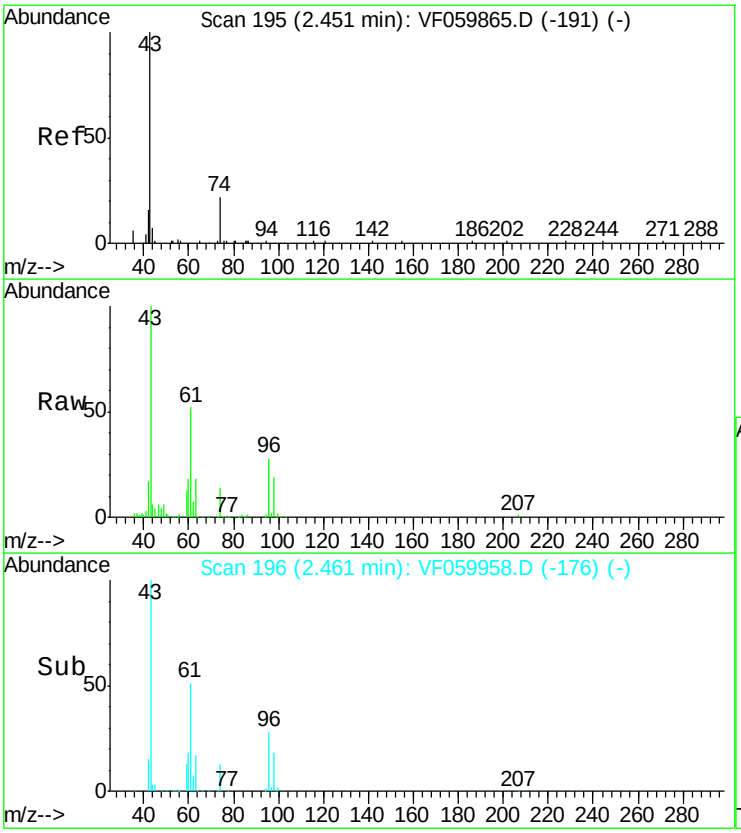
#17
Carbon Disulfide
Concen: 97.68 ug/l
RT: 1.90 min Scan# 139
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 305420

Ion	Ratio	Lower	Upper
76	100		
78	11.5	11.4	17.0

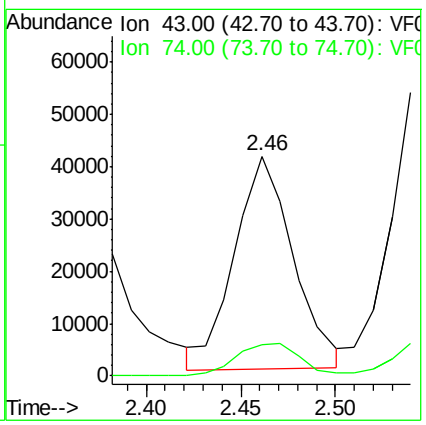


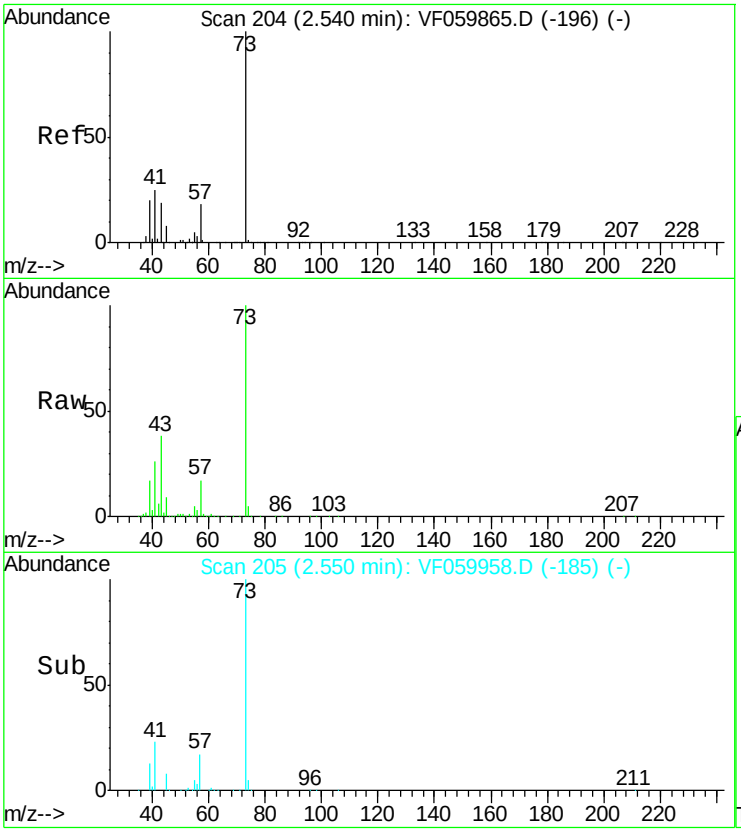


#18
Methyl Acetate
Concen: 118.21 ug/l
RT: 2.46 min Scan# 196
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 43 Resp: 87538

Ion	Ratio	Lower	Upper
43	100		
74	14.2	14.3	21.5#



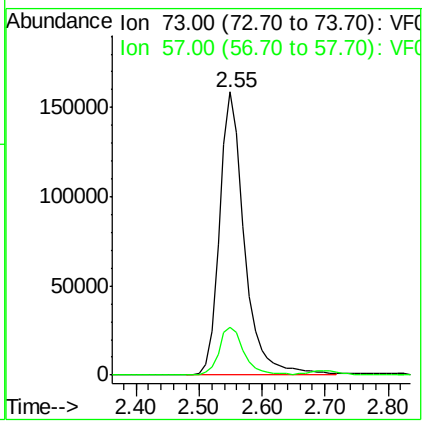


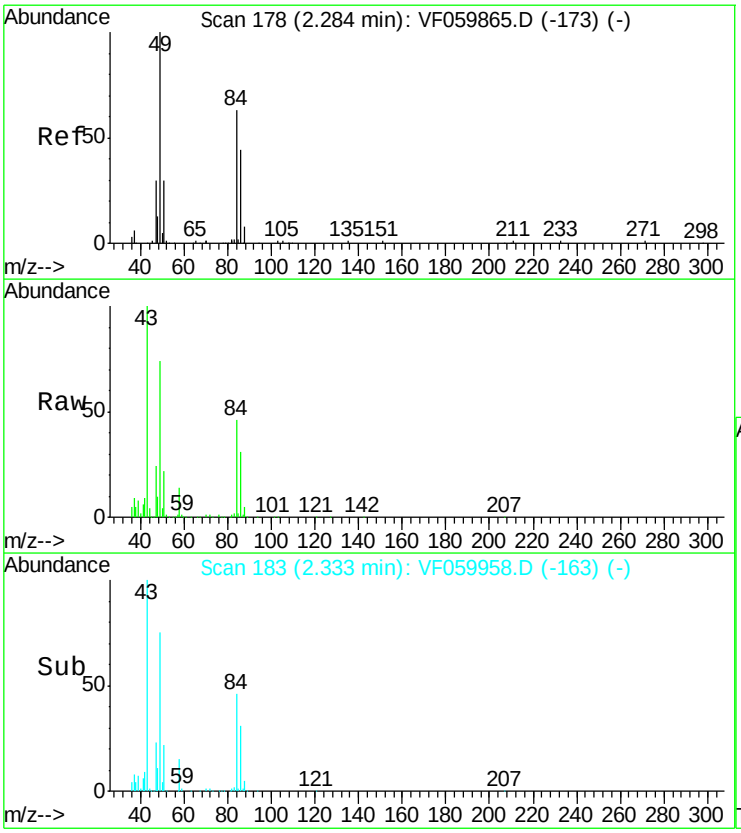
#19
Methyl tert-butyl Ether
Concen: 129.20 ug/l
RT: 2.55 min Scan# 205
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument : MSVOA_F
ClientSampleId : VSTDICC150

Tgt Ion: 73 Resp: 435244

Ion	Ratio	Lower	Upper
73	100		
57	16.9	14.0	21.0

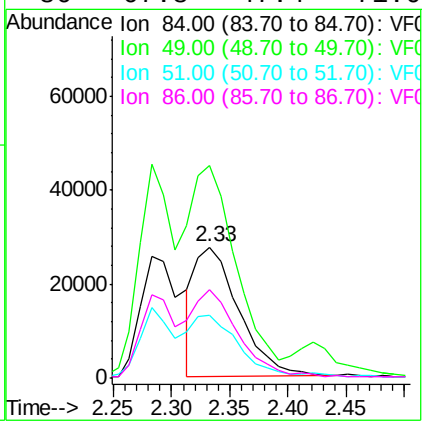


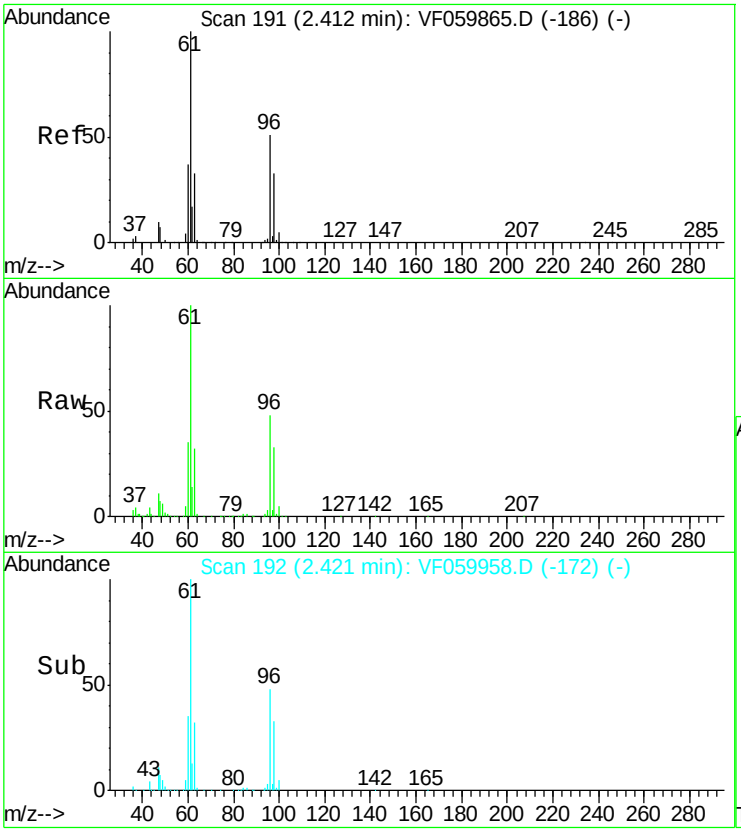


#20
Methylene Chloride
Concen: 72.10 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 84 Resp: 72362

Ion	Ratio	Lower	Upper
84	100		
49	161.7	138.6	207.8
51	47.4	40.2	60.4
86	67.8	47.4	71.0



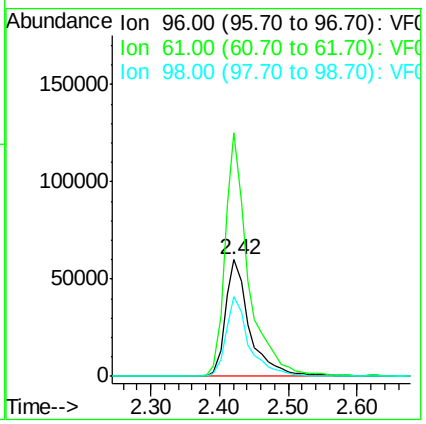


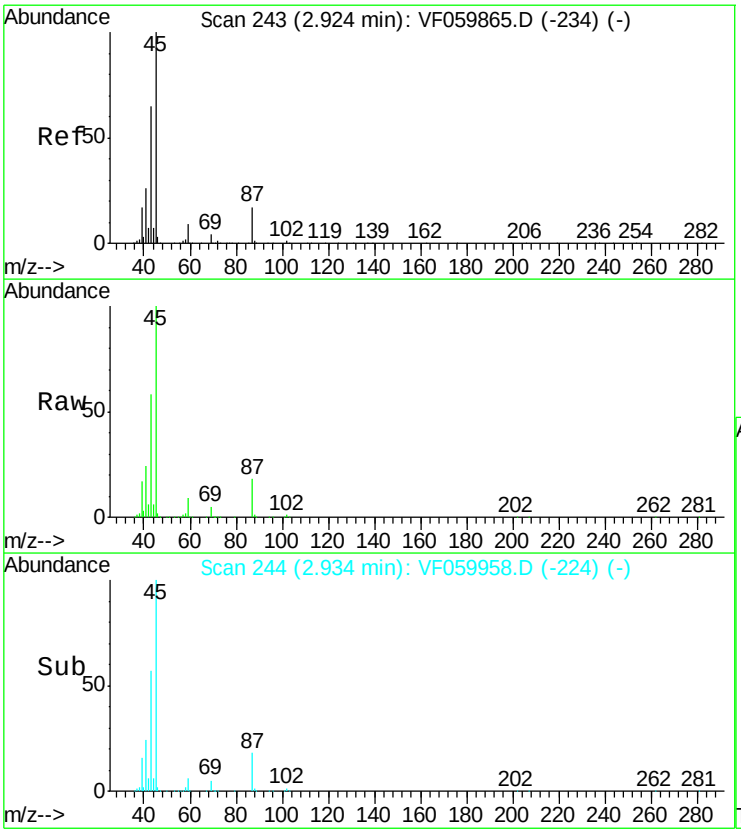
#21
trans-1,2-Dichloroethene
Concen: 123.19 ug/l
RT: 2.42 min Scan# 192
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 144800

Ion	Ratio	Lower	Upper
96	100		
61	208.4	159.5	239.3
98	68.1	53.8	80.6

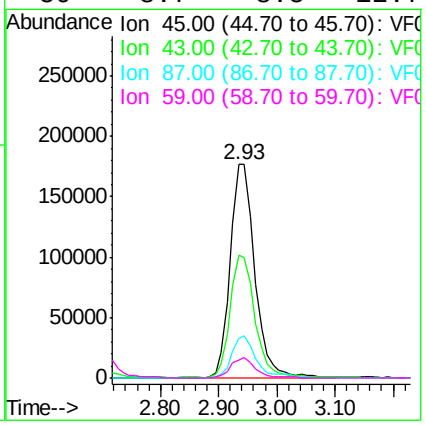


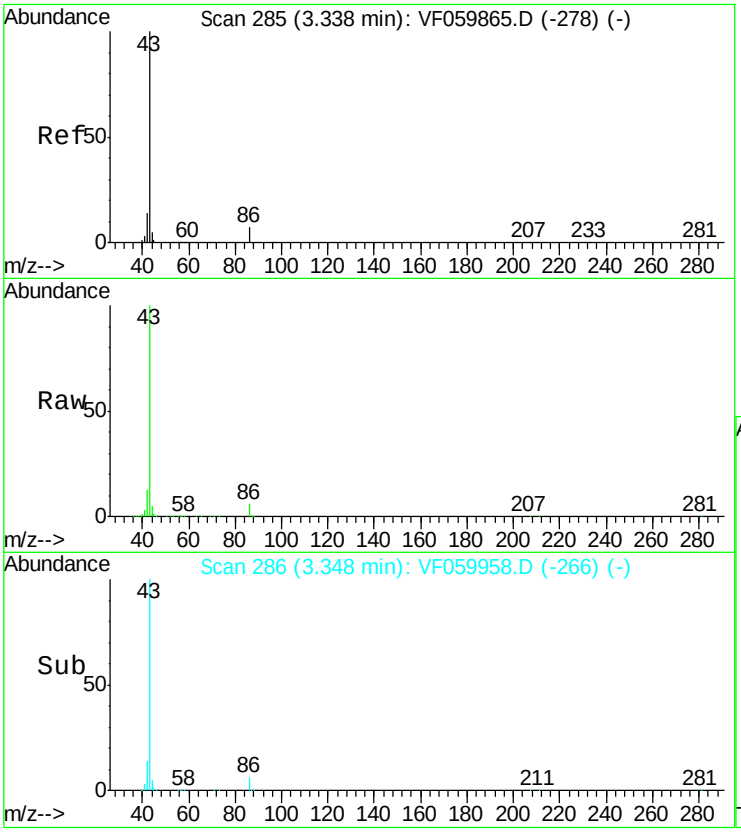


#22
Diisopropyl ether
Concen: 136.46 ug/l
RT: 2.93 min Scan# 244
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 45 Resp: 519840

Ion	Ratio	Lower	Upper
45	100		
43	57.6	48.7	73.1
87	18.4	15.3	22.9
59	8.7	8.5	12.7



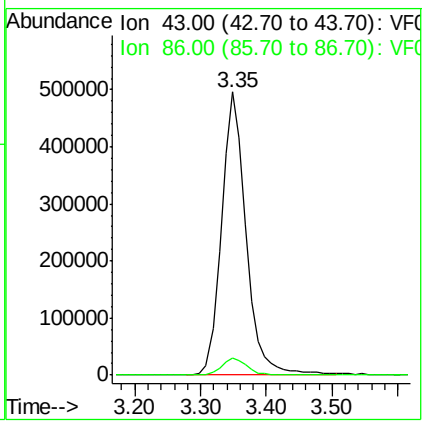


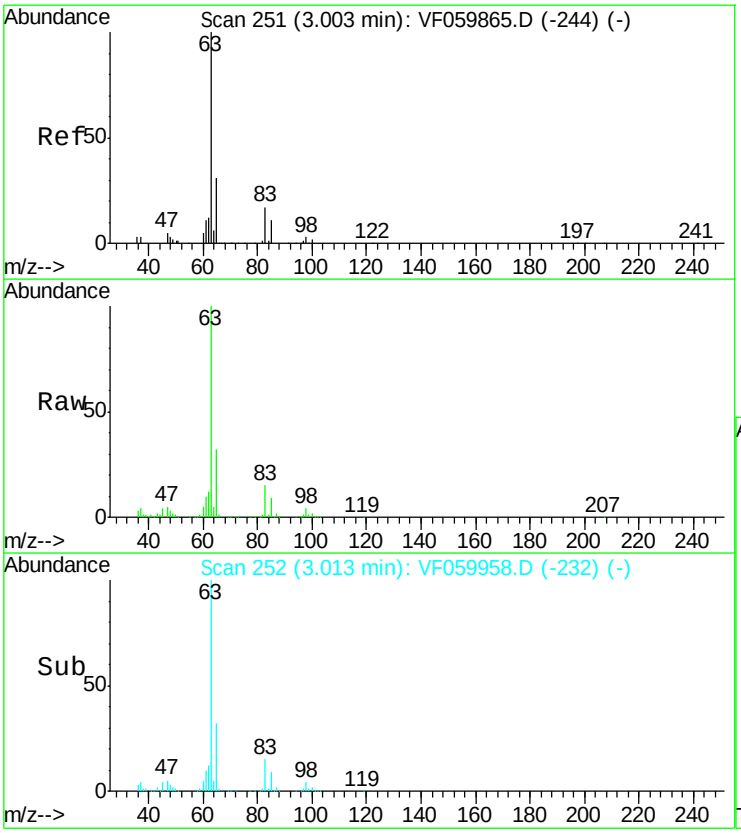
#23
Vinyl Acetate
Concen: 696.06 ug/l
RT: 3.35 min Scan# 286
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument : MSVOA_F
ClientSampleId : VSTDICC150

Tgt Ion: 43 Resp: 1290813

Ion	Ratio	Lower	Upper
43	100		
86	6.1	4.9	7.3

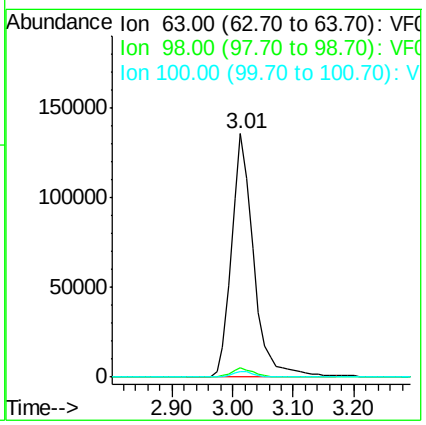


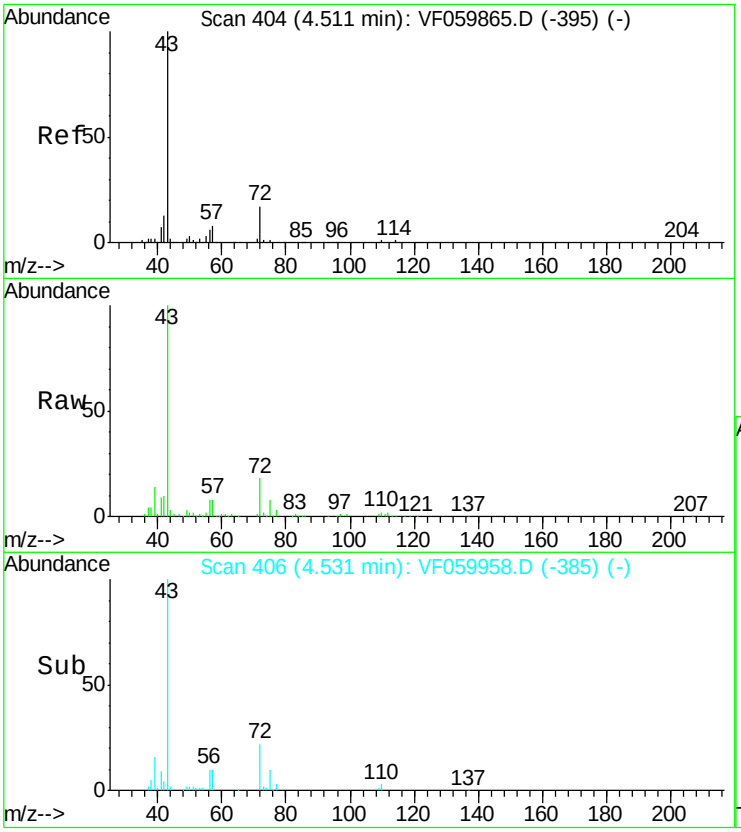


#24
1,1-Dichloroethane
Concen: 125.08 ug/l
RT: 3.01 min Scan# 252
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 63 Resp: 346091

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.2
100	2.4	1.7	5.1



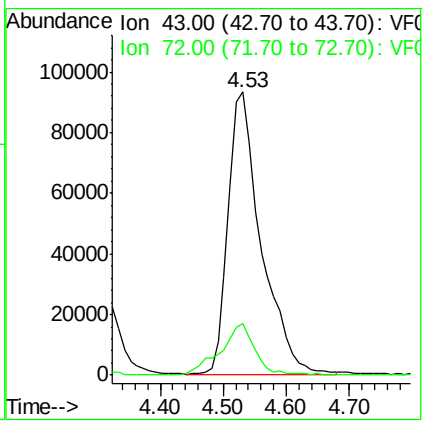


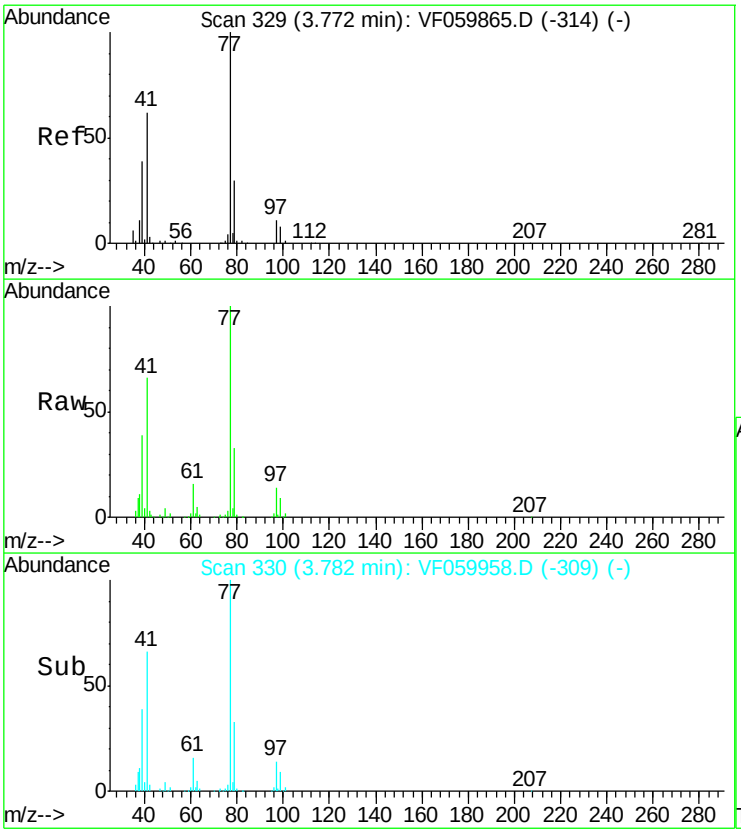
#25
2-Butanone
Concen: 694.42 ug/l
RT: 4.53 min Scan# 406
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 335350

Ion	Ratio	Lower	Upper
43	100		
72	18.2	14.6	22.0

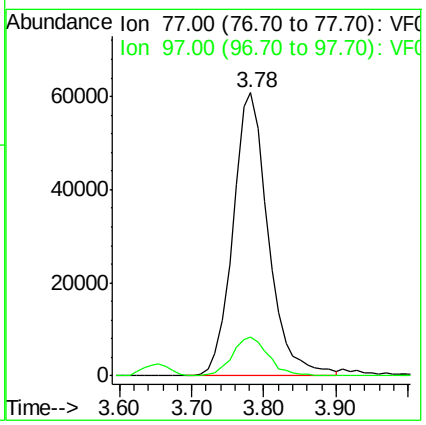


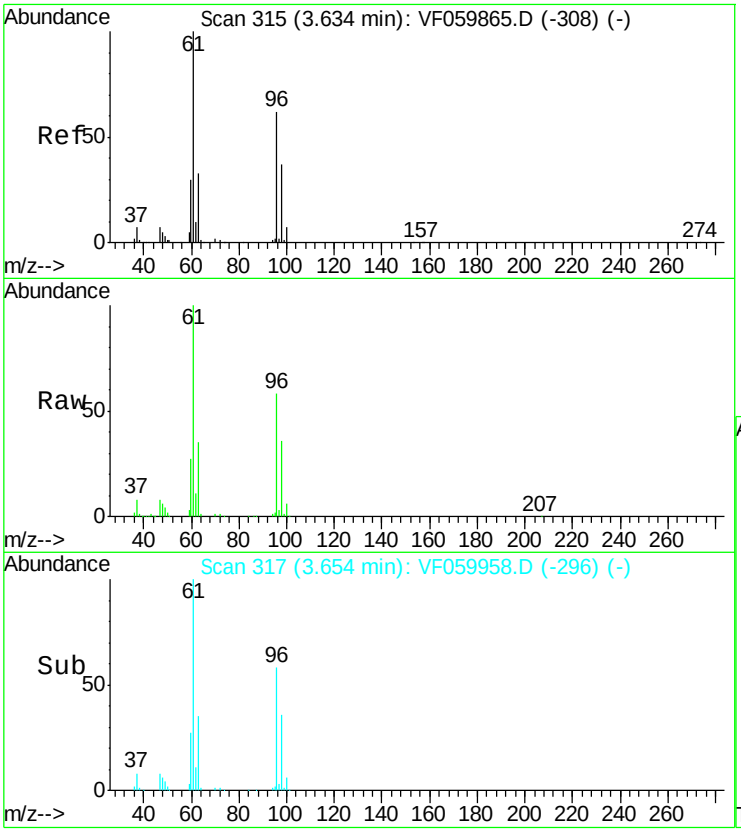


#26
2,2-Dichloropropane
Concen: 126.44 ug/l
RT: 3.78 min Scan# 330
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 77 Resp: 207801

Ion	Ratio	Lower	Upper
77	100		
97	13.8	6.6	19.7



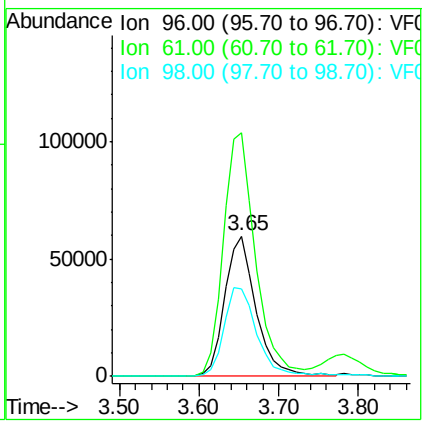


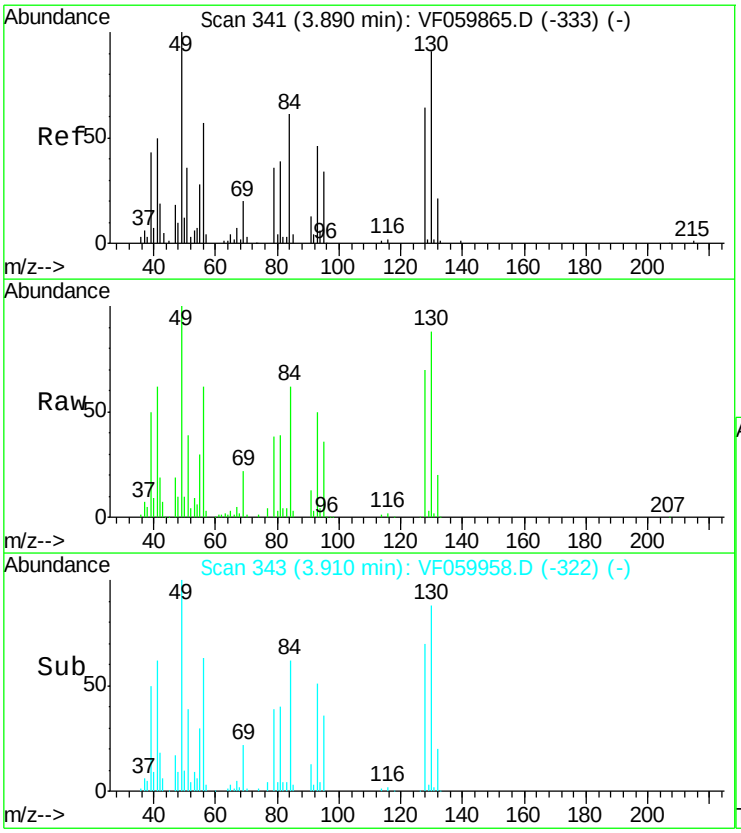
#27
cis-1,2-Dichloroethene
Concen: 126.27 ug/l
RT: 3.65 min Scan# 317
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 165248

Ion	Ratio	Lower	Upper
96	100		
61	173.7	0.0	349.4
98	62.5	0.0	134.6

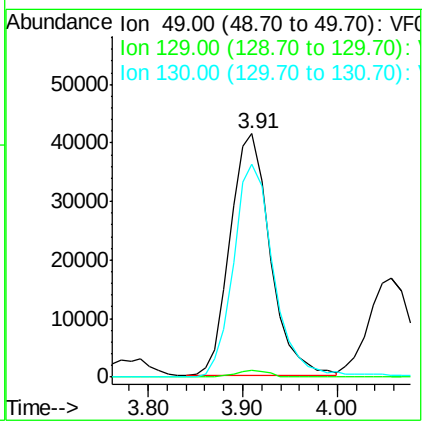


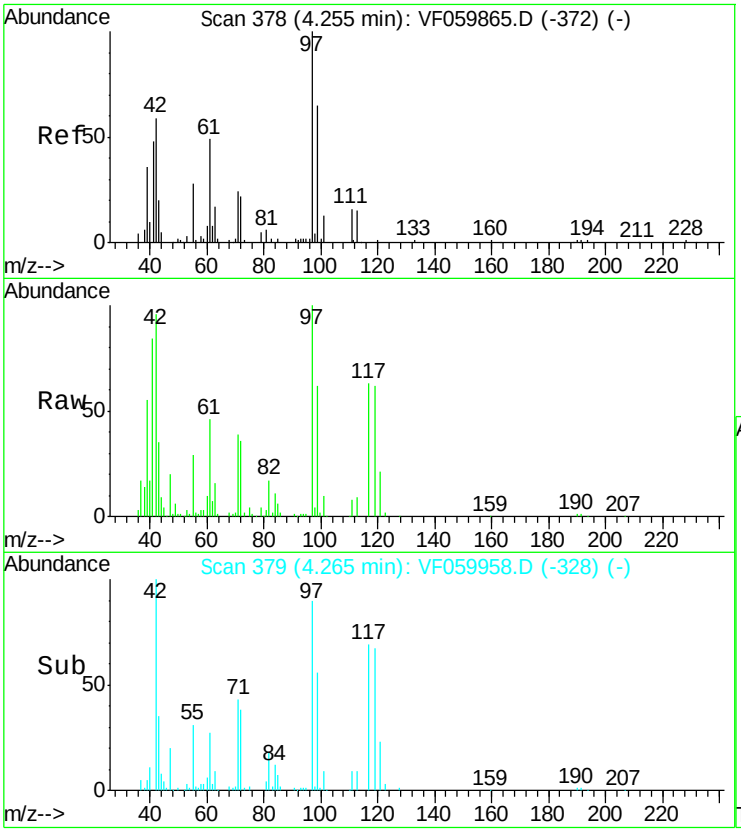


#28
Bromochloromethane
Concen: 122.13 ug/l
RT: 3.91 min Scan# 343
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 49 Resp: 121137

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.2
130	87.5	58.1	87.1#



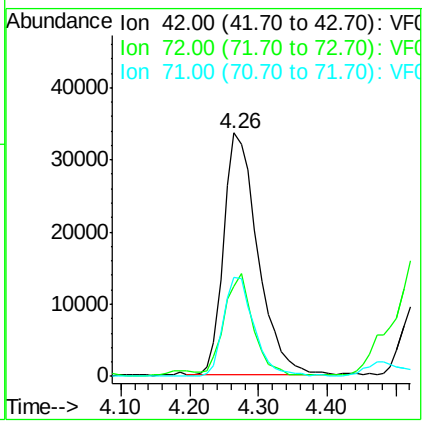


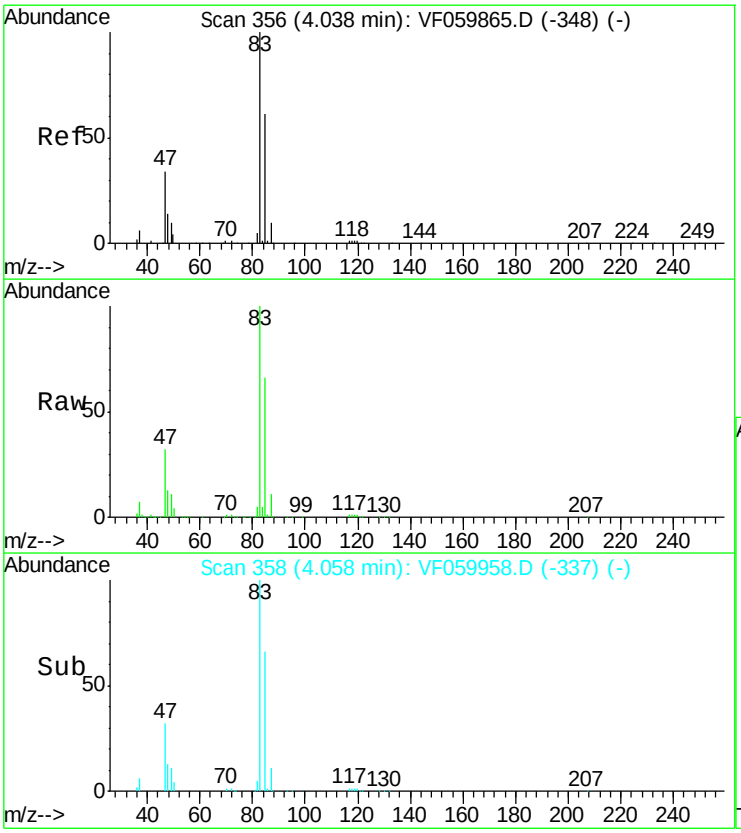
#29
Tetrahydrofuran
Concen: 646.15 ug/l
RT: 4.26 min Scan# 379
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 114856

Ion	Ratio	Lower	Upper
42	100		
72	35.4	27.7	41.5
71	37.2	28.2	42.4

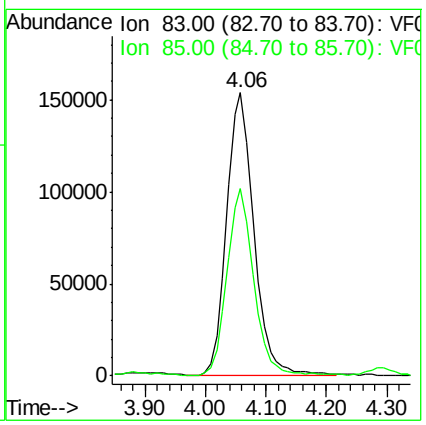


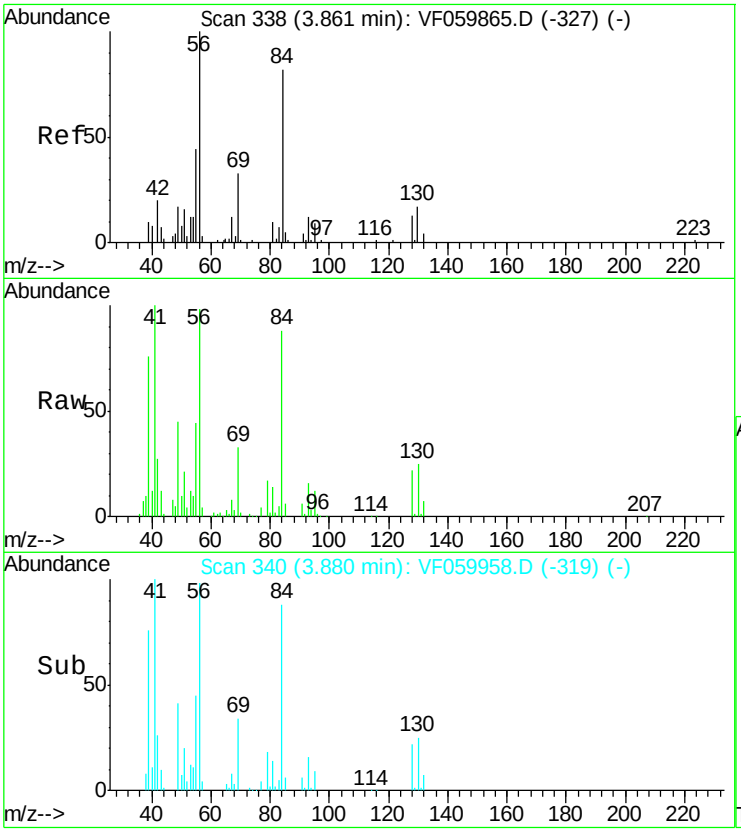


#30
Chloroform
Concen: 128.50 ug/l
RT: 4.06 min Scan# 358
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 83 Resp: 481477

Ion	Ratio	Lower	Upper
83	100		
85	66.2	54.4	81.6



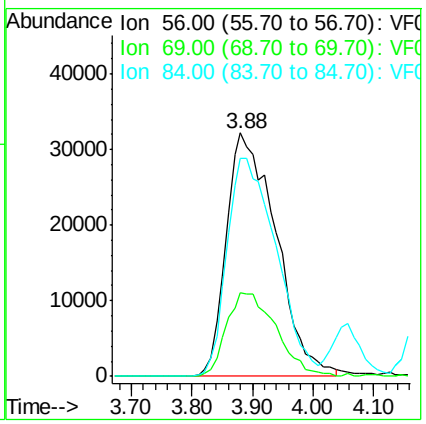


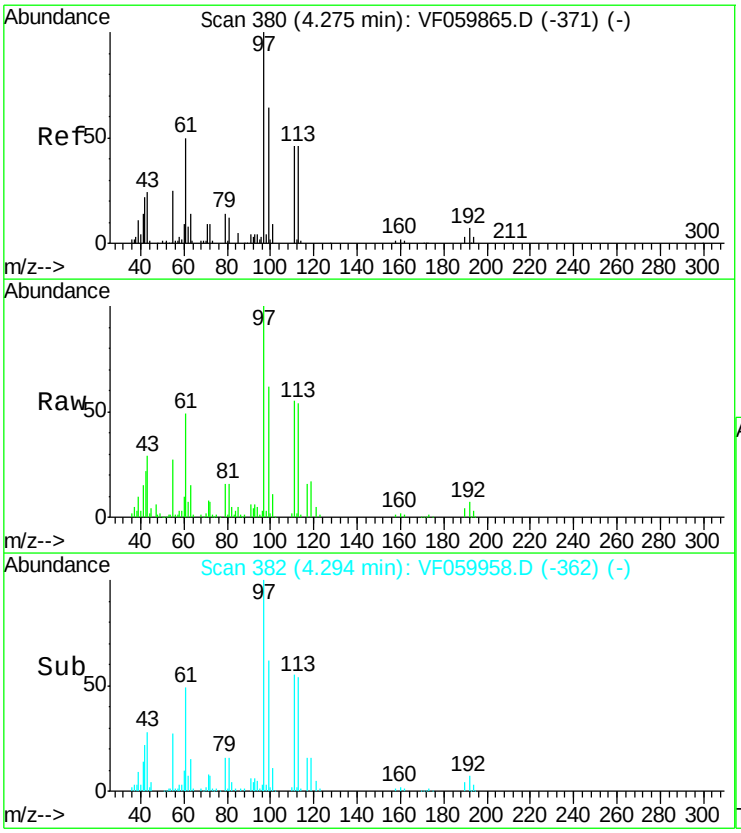
#31
Cyclohexane
Concen: 133.64 ug/l
RT: 3.88 min Scan# 340
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument : MSVOA_F
ClientSampleId : VSTDICC150

Tgt Ion: 56 Resp: 182549

Ion	Ratio	Lower	Upper
56	100		
69	34.3	26.2	39.2
84	89.8	61.0	91.4

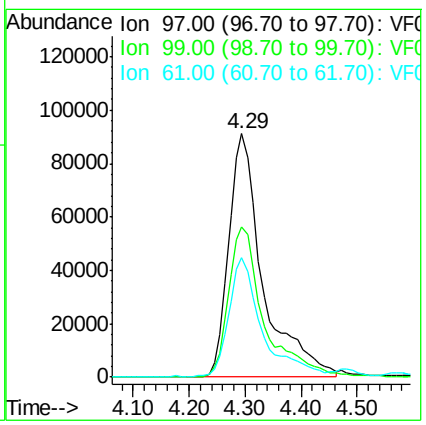


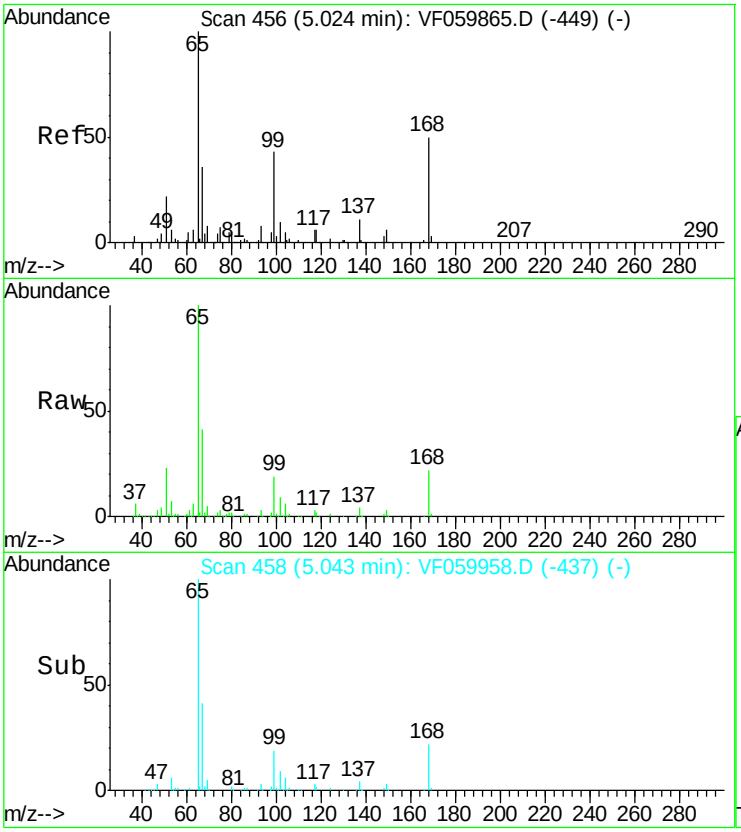


#32
1,1,1-Trichloroethane
Concen: 128.99 ug/l
RT: 4.29 min Scan# 382
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 97 Resp: 387092

Ion	Ratio	Lower	Upper
97	100		
99	61.9	53.0	79.4
61	49.1	36.6	55.0



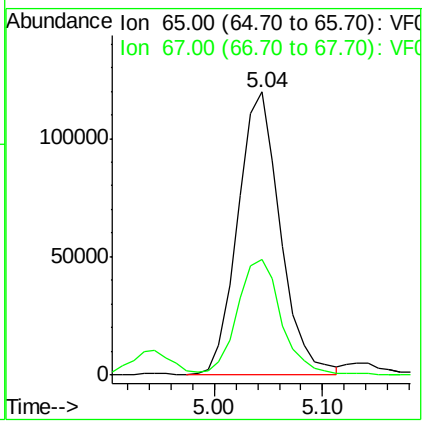


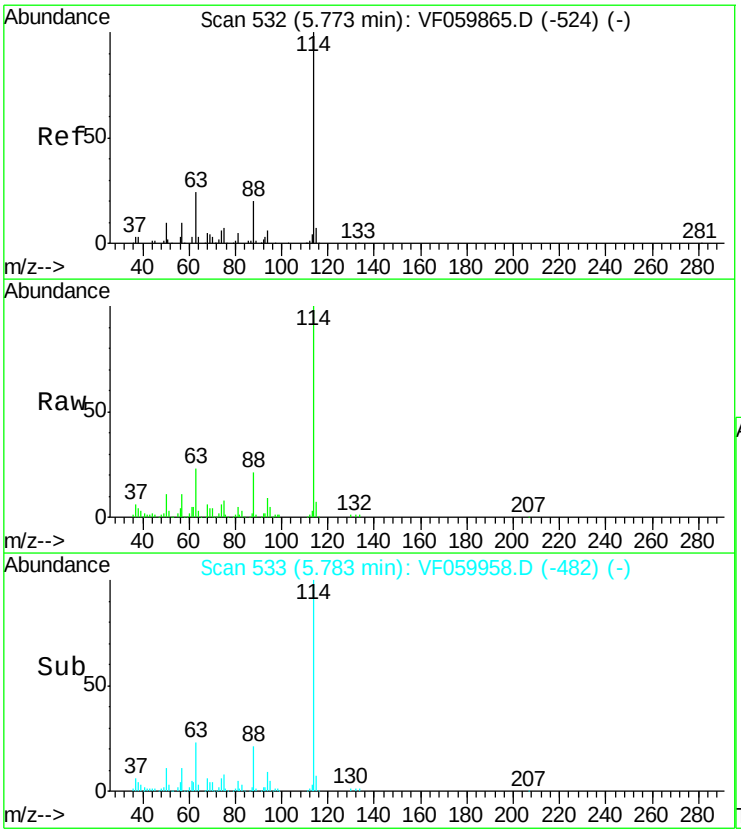
#33
1,2-Dichloroethane-d4
Concen: 134.74 ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument : MSVOA_F
ClientSampleId : VSTDICC150

Tgt Ion: 65 Resp: 327544

Ion	Ratio	Lower	Upper
65	100		
67	40.7	0.0	87.4

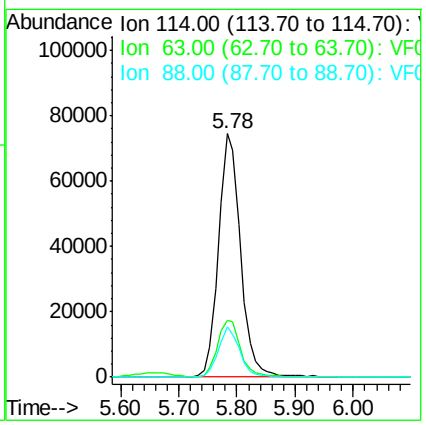


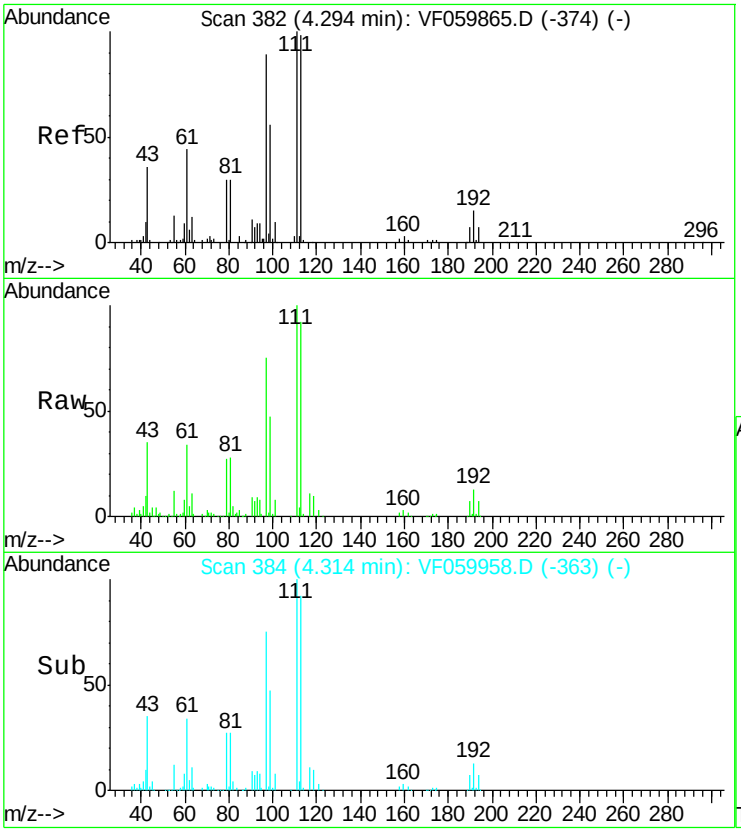


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.78 min Scan# 533
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion:114 Resp: 195555

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	50.2
88	20.7	0.0	46.8



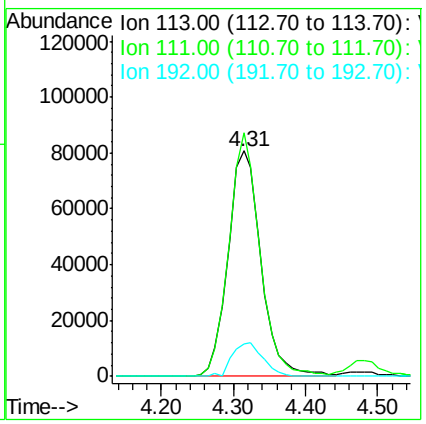


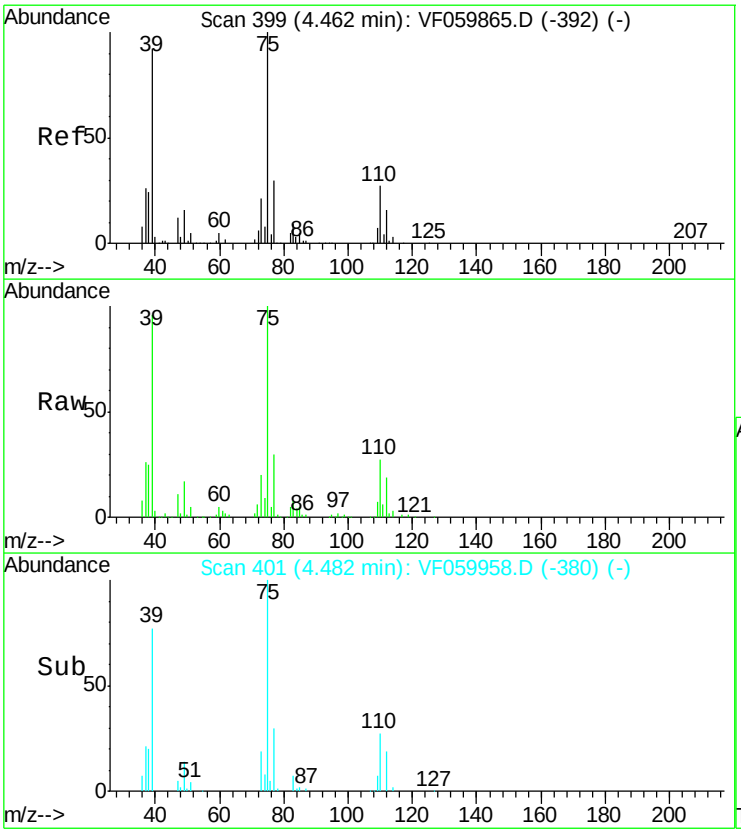
#35
Dibromofluoromethane
Concen: 133.72 ug/l
RT: 4.31 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion:113 Resp: 258232

Ion	Ratio	Lower	Upper
113	100		
111	108.1	80.6	121.0
192	14.5	11.7	17.5

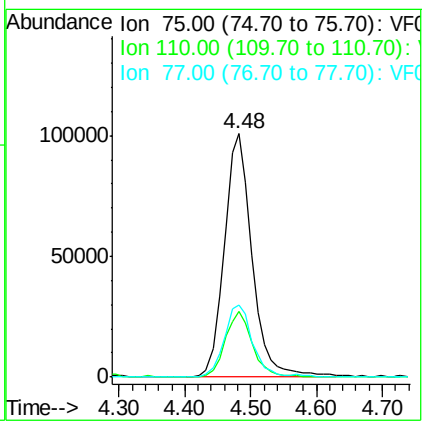


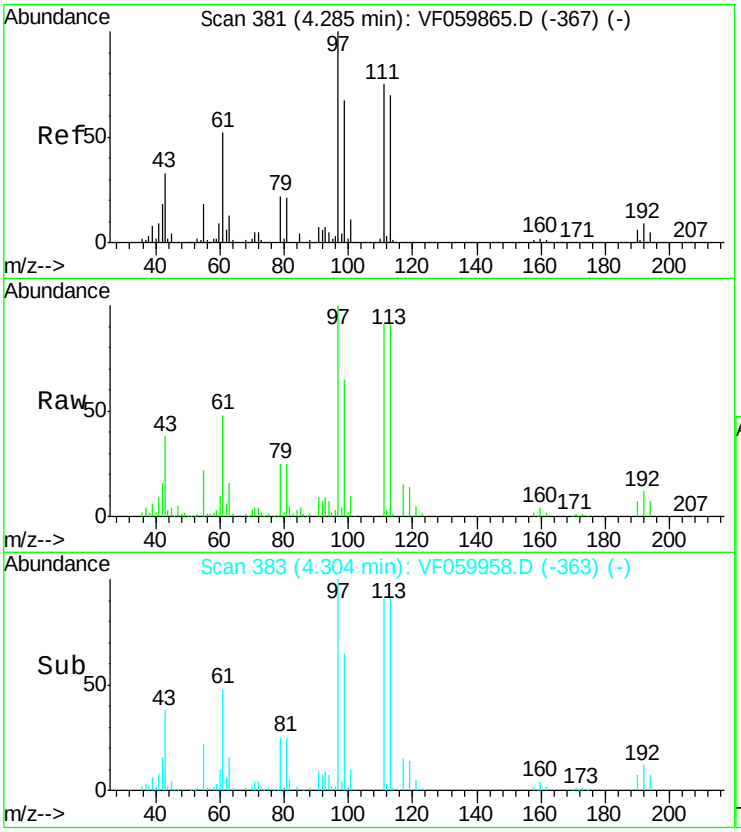


#36
1,1-Dichloropropene
Concen: 134.44 ug/l
RT: 4.48 min Scan# 401
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 75 Resp: 298444

Ion	Ratio	Lower	Upper
75	100		
110	26.9	12.6	37.8
77	29.7	22.7	34.1



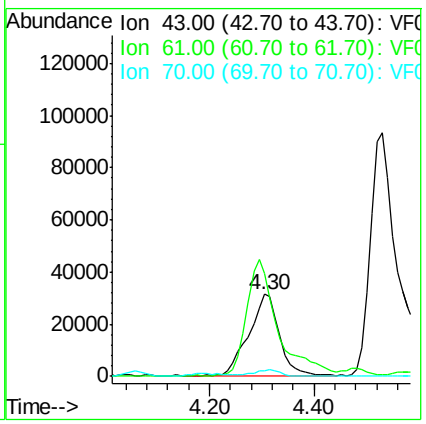


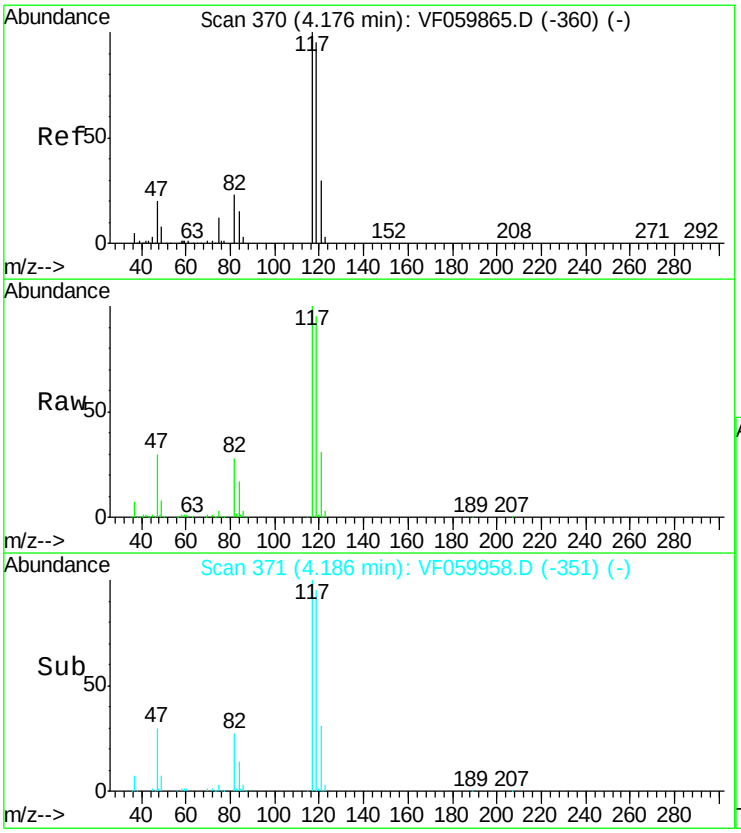
#37
Ethyl Acetate
Concen: 130.90 ug/l
RT: 4.30 min Scan# 383
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument : MSVOA_F
ClientSampleId : VSTDICC150

Tgt Ion: 43 Resp: 124672

Ion	Ratio	Lower	Upper
43	100		
61	125.1	84.3	126.5
70	6.8	5.5	8.3

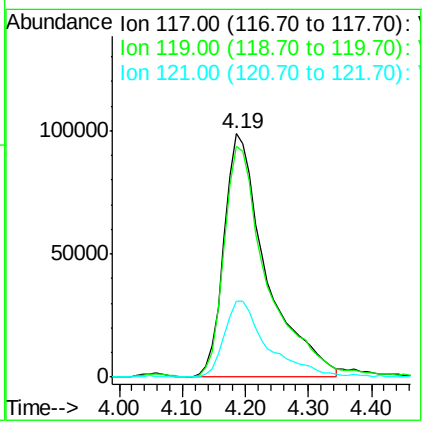


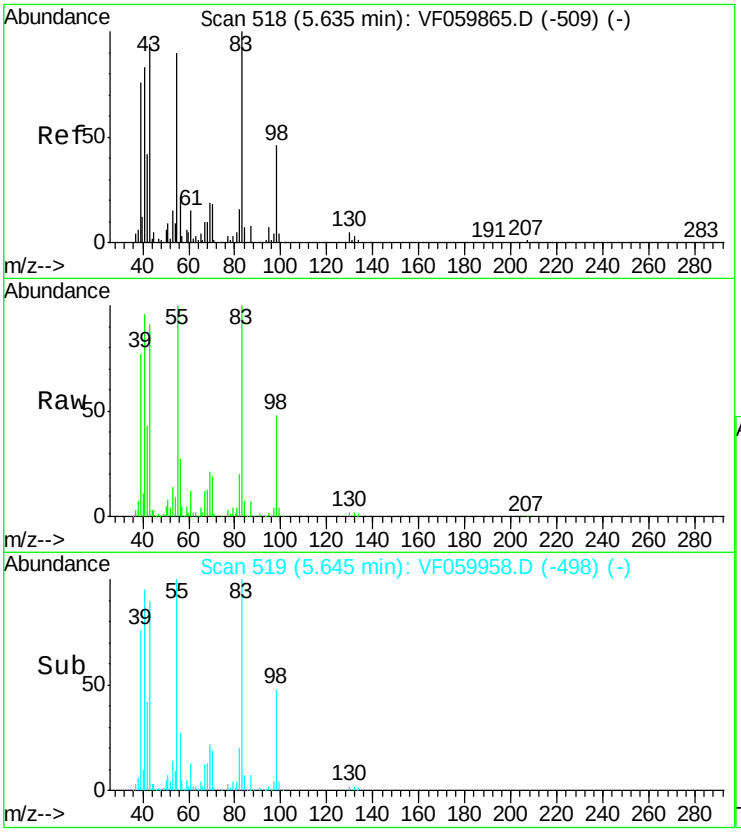


#38
Carbon Tetrachloride
Concen: 138.94 ug/l
RT: 4.19 min Scan# 371
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion:117 Resp: 460015

Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.9	115.3
121	31.3	24.9	37.3



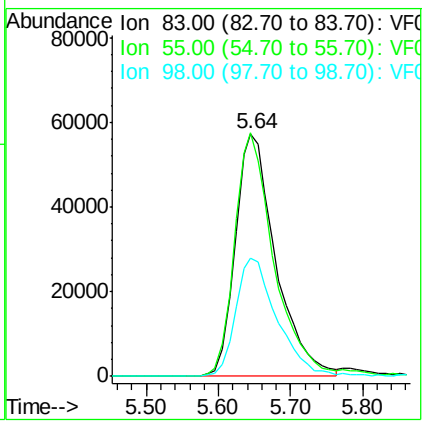


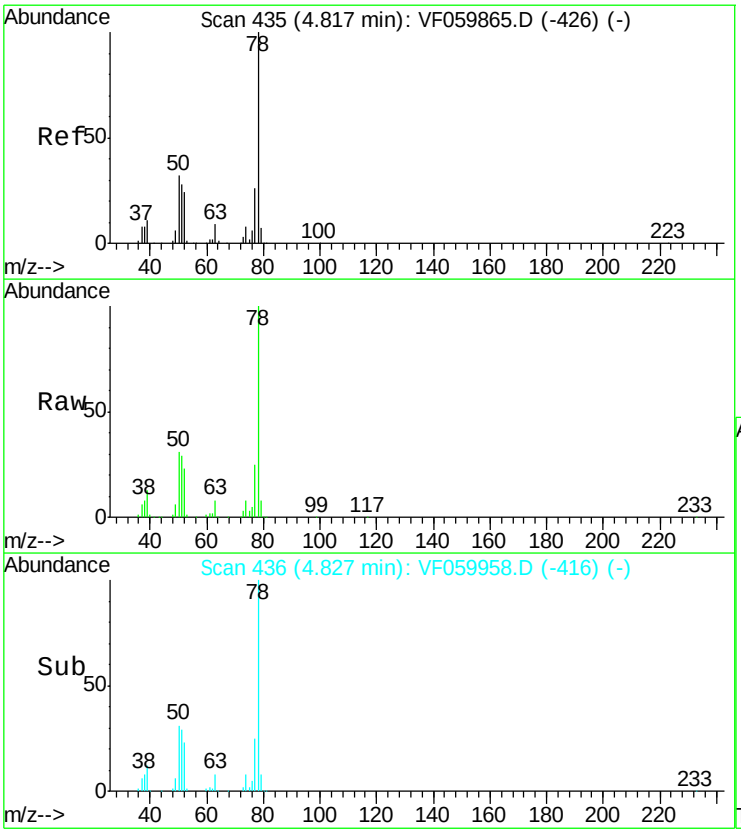
#39
Methylcyclohexane
Concen: 134.40 ug/l
RT: 5.64 min Scan# 519
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 222545

Ion	Ratio	Lower	Upper
83	100		
55	100.3	77.4	116.2
98	48.5	41.5	62.3

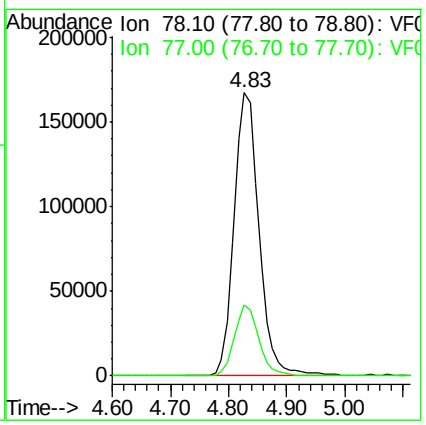


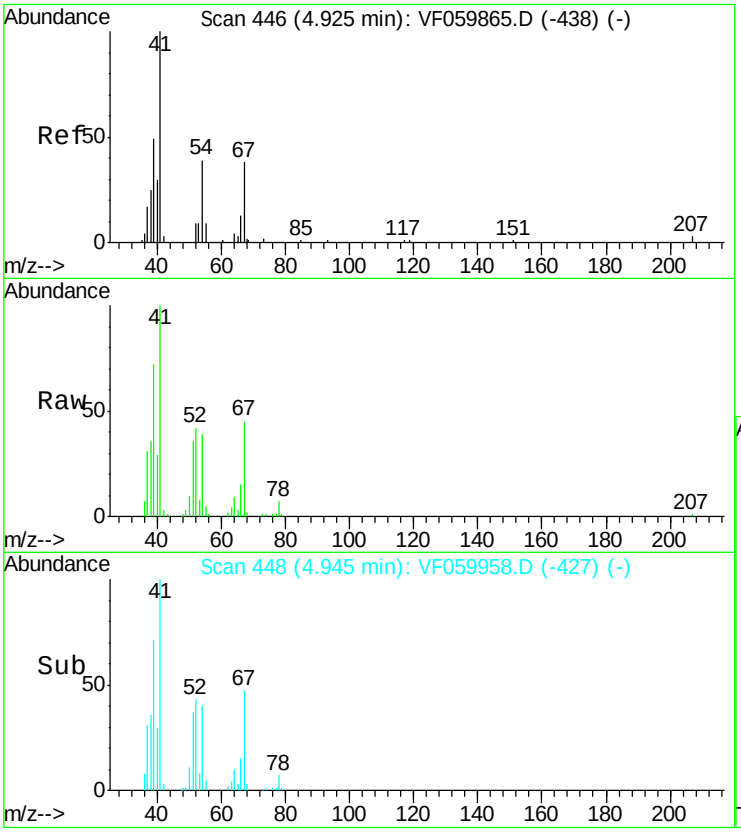


#40
Benzene
Concen: 134.61 ug/l
RT: 4.83 min Scan# 436
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 78 Resp: 499986

Ion	Ratio	Lower	Upper
78	100		
77	24.8	21.1	31.7



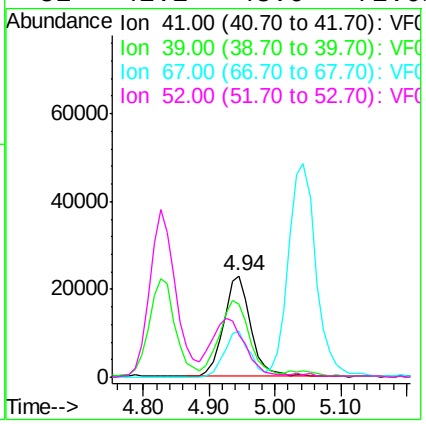


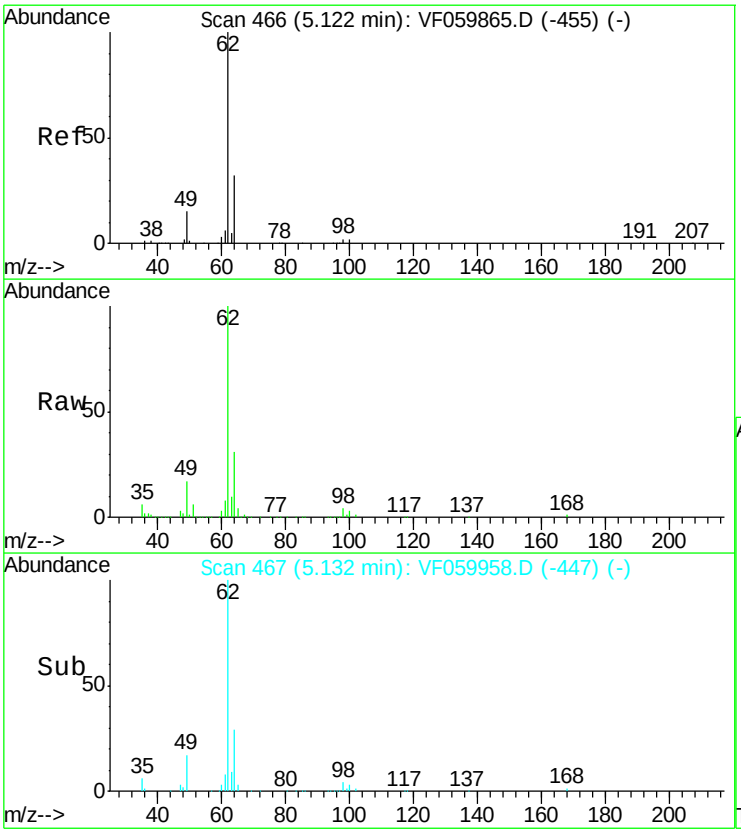
#41
Methacrylonitrile
Concen: 129.33 ug/l
RT: 4.94 min Scan# 448
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 64469

Ion	Ratio	Lower	Upper
41	100		
39	71.8	75.7	113.5#
67	45.5	36.1	54.1
52	42.2	48.0	72.0#

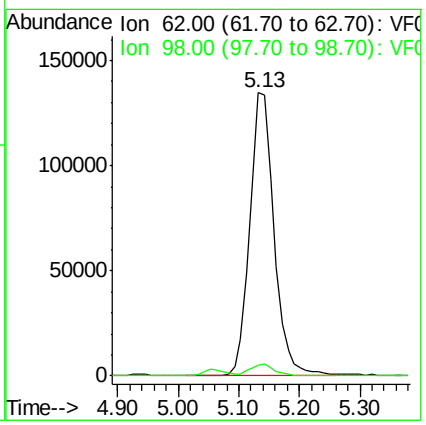


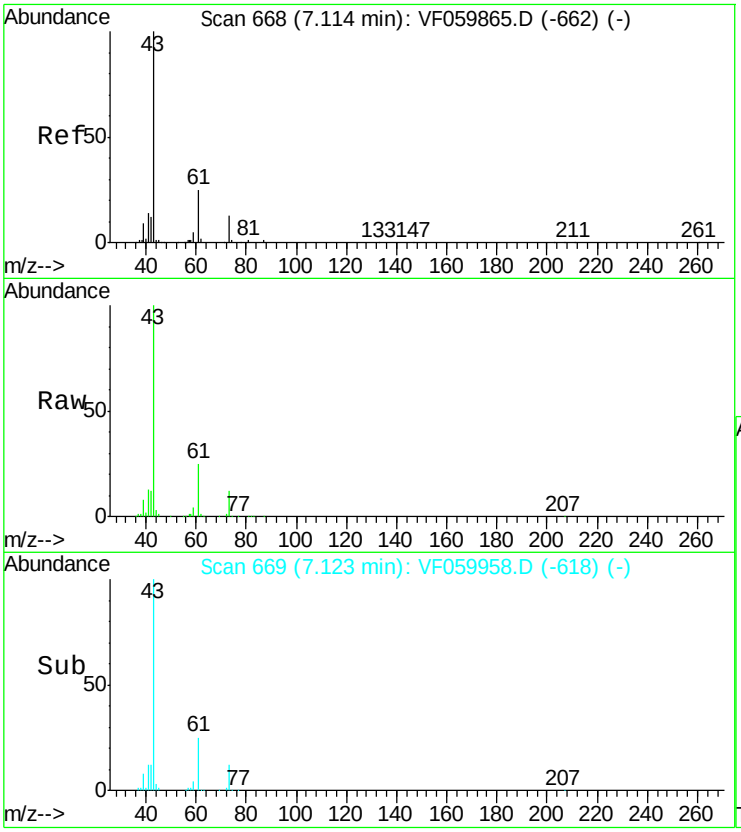


#42
1,2-Dichloroethane
Concen: 121.88 ug/l
RT: 5.13 min Scan# 467
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 62 Resp: 377313

Ion	Ratio	Lower	Upper
62	100		
98	3.7	0.0	5.0



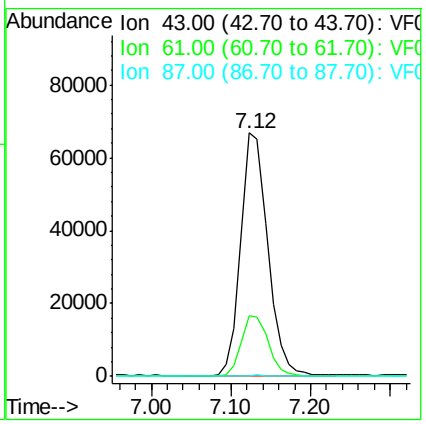


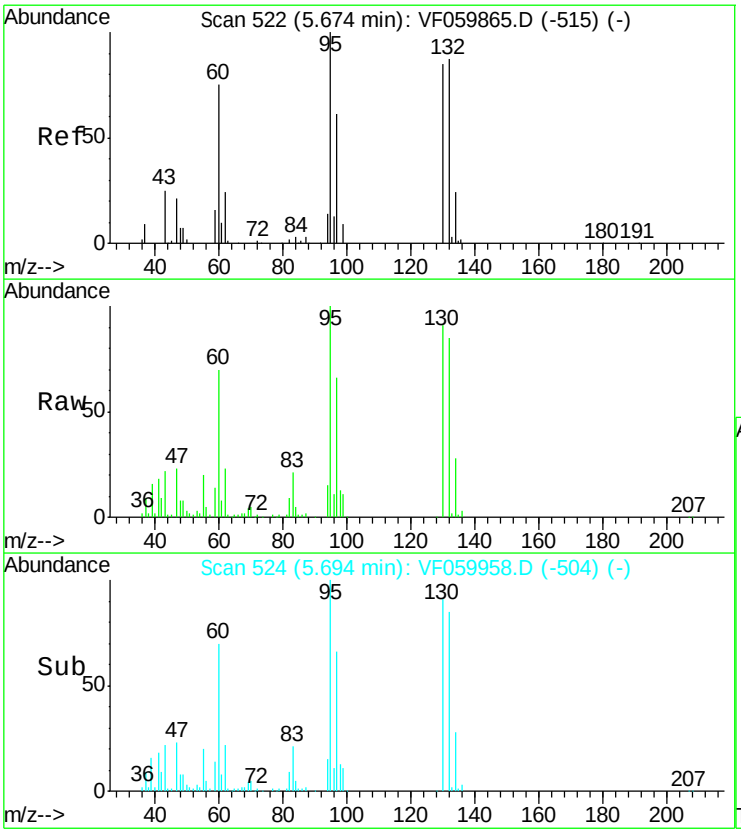
#43
Isopropyl Acetate
Concen: 157.85 ug/l
RT: 7.12 min Scan# 669
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 158345

Ion	Ratio	Lower	Upper
43	100		
61	25.1	18.6	27.8
87	0.4	0.0	0.0#

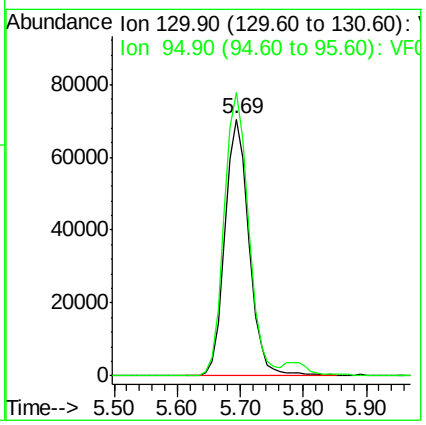


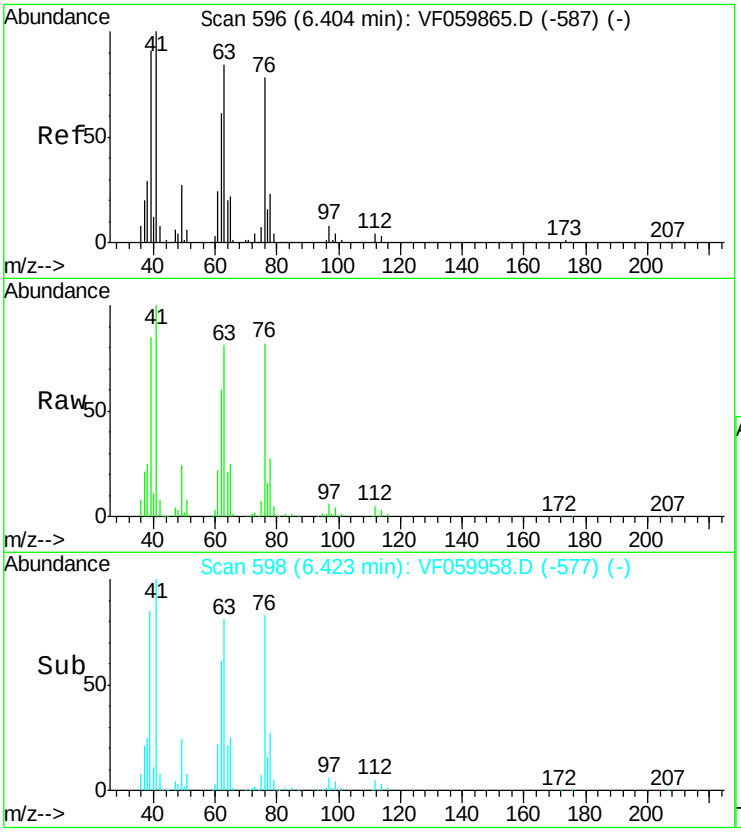


#44
Trichloroethene
Concen: 126.23 ug/l
RT: 5.69 min Scan# 524
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion:130 Resp: 186412

Ion	Ratio	Lower	Upper
130	100		
95	110.2	0.0	222.0



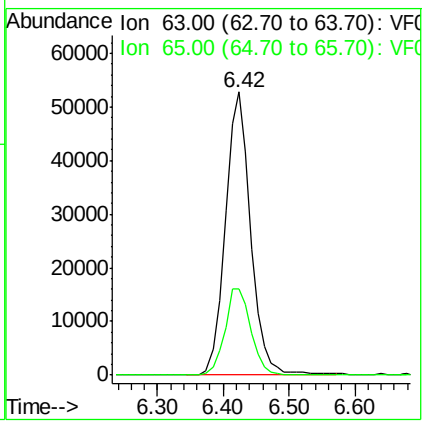


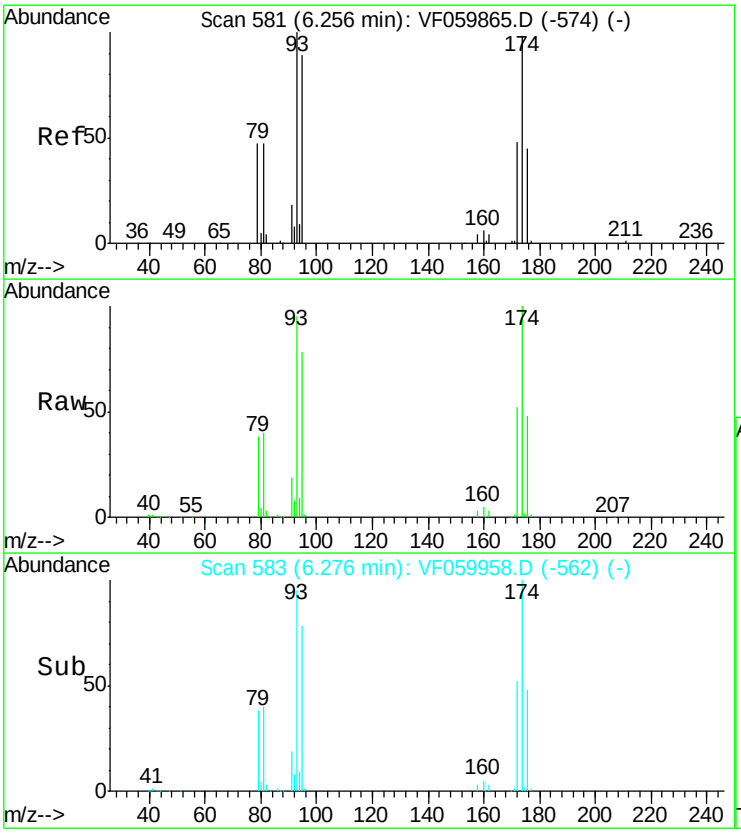
#45
1,2-Dichloropropane
Concen: 139.13 ug/l
RT: 6.42 min Scan# 598
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument : MSVOA_F
ClientSampleId : VSTDICC150

Tgt Ion: 63 Resp: 141917

Ion	Ratio	Lower	Upper
63	100		
65	30.4	27.8	41.6

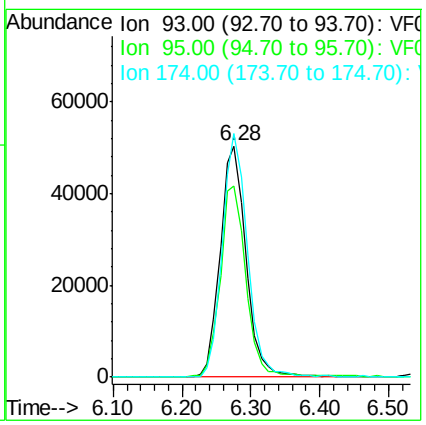


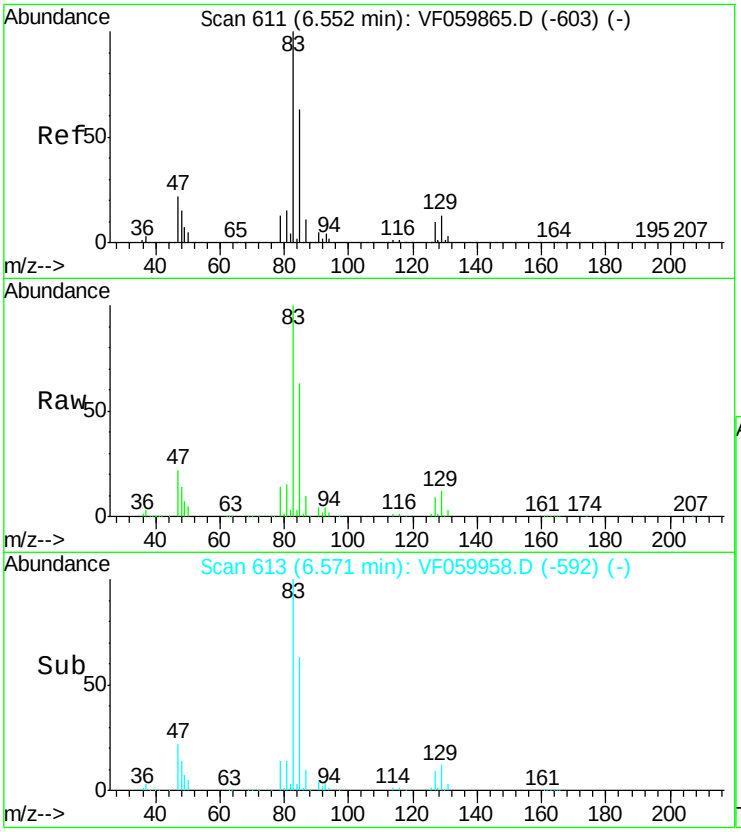


#46
Dibromomethane
Concen: 126.86 ug/l
RT: 6.28 min Scan# 583
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 93 Resp: 131205

Ion	Ratio	Lower	Upper
93	100		
95	82.5	72.4	108.6
174	105.3	75.9	113.9



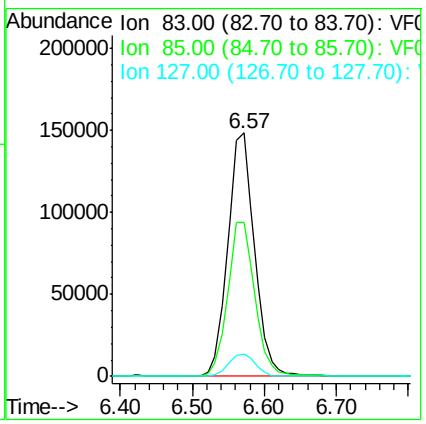


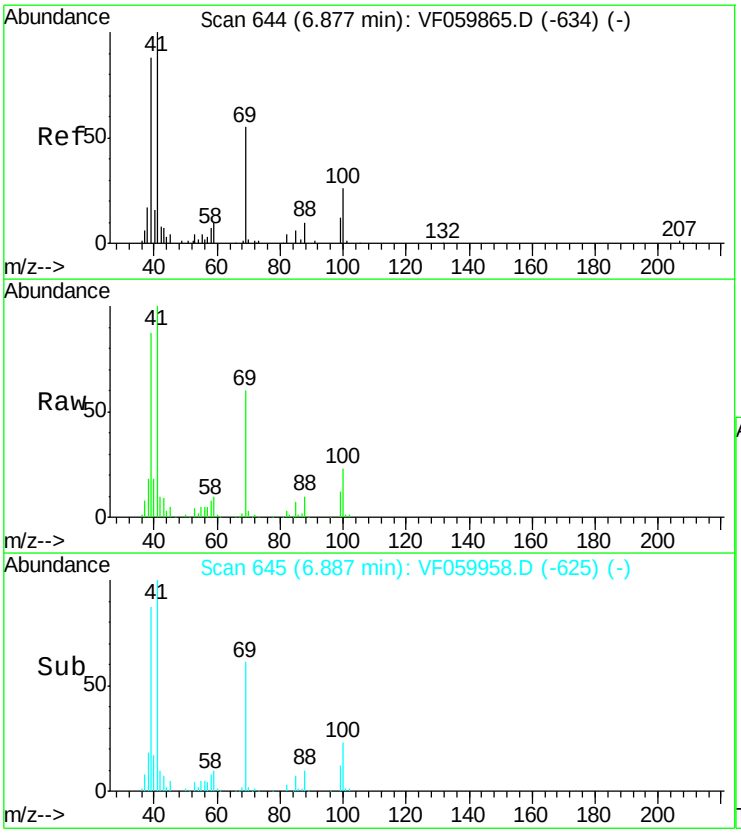
#47
Bromodichloromethane
Concen: 135.75 ug/l
RT: 6.57 min Scan# 613
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 384603

Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.5	77.3
127	8.9	7.5	11.3

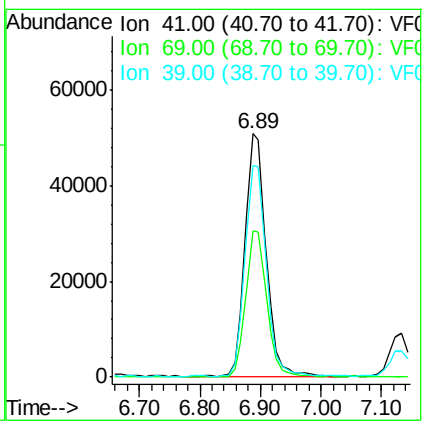


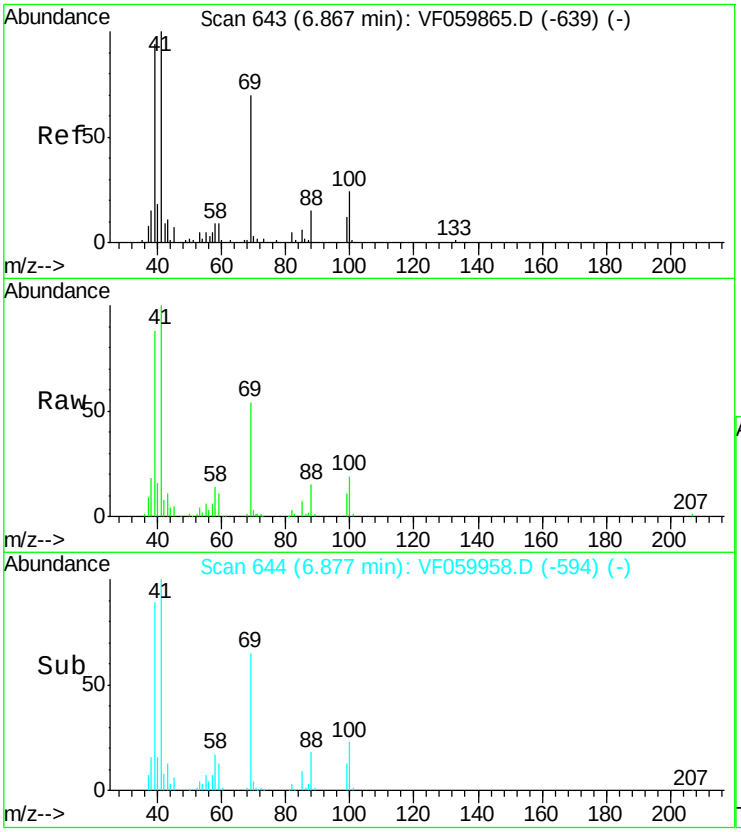


#48
Methyl methacrylate
Concen: 158.96 ug/l
RT: 6.89 min Scan# 645
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 41 Resp: 123072

Ion	Ratio	Lower	Upper
41	100		
69	60.3	54.8	82.2
39	87.2	75.1	112.7



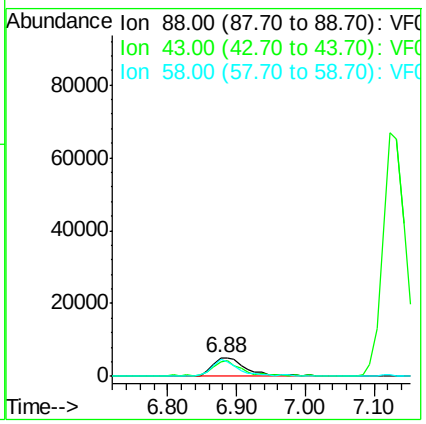


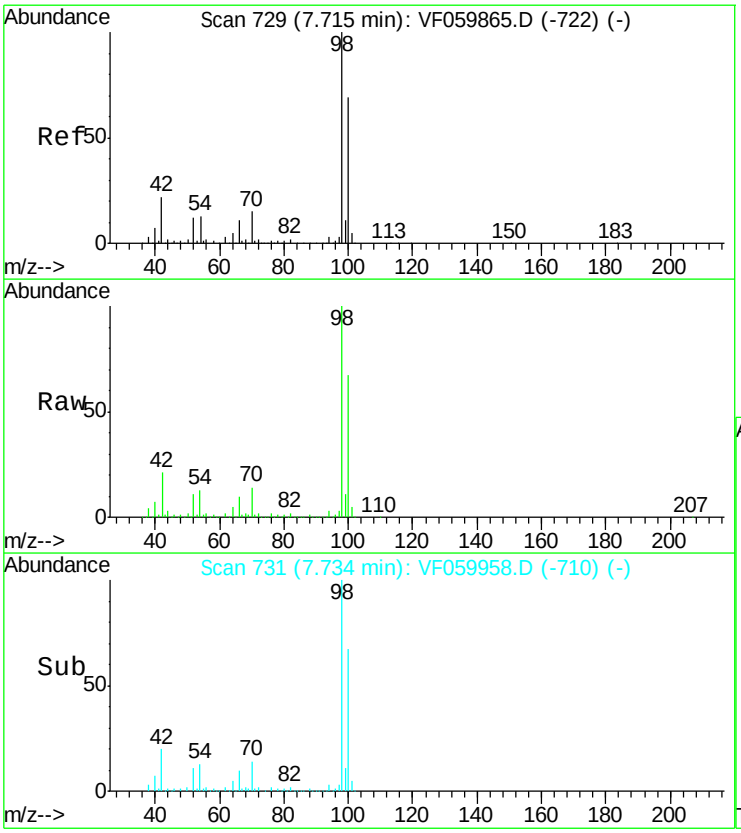
#49
1,4-Dioxane
Concen: 2965.01 ug/l
RT: 6.88 min Scan# 644
Delta R.T. -0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 17700

Ion	Ratio	Lower	Upper
88	100		
43	73.9	47.9	71.9#
58	91.0	52.0	78.0#

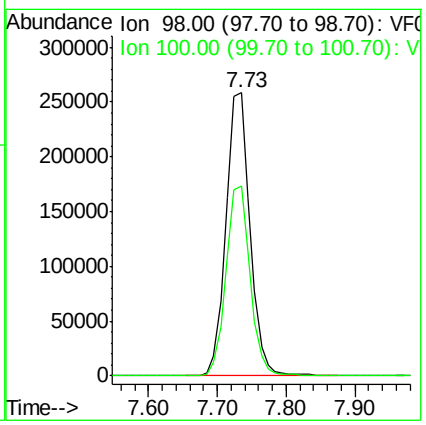


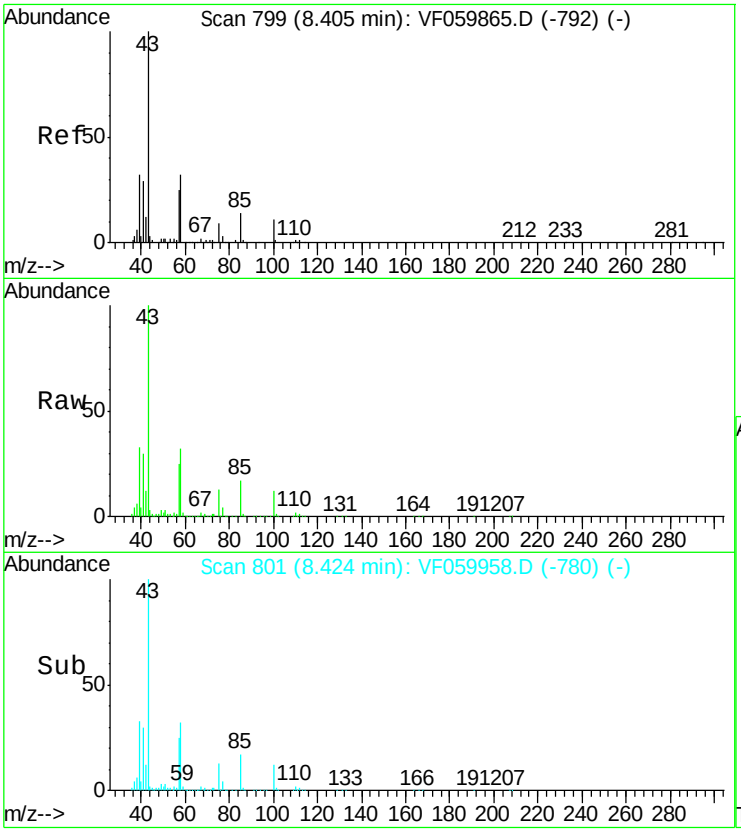


#50
Toluene-d8
Concen: 151.07 ug/l
RT: 7.73 min Scan# 731
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 98 Resp: 626590

Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.9	79.3



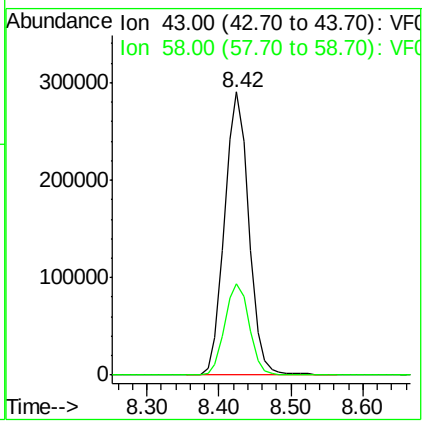


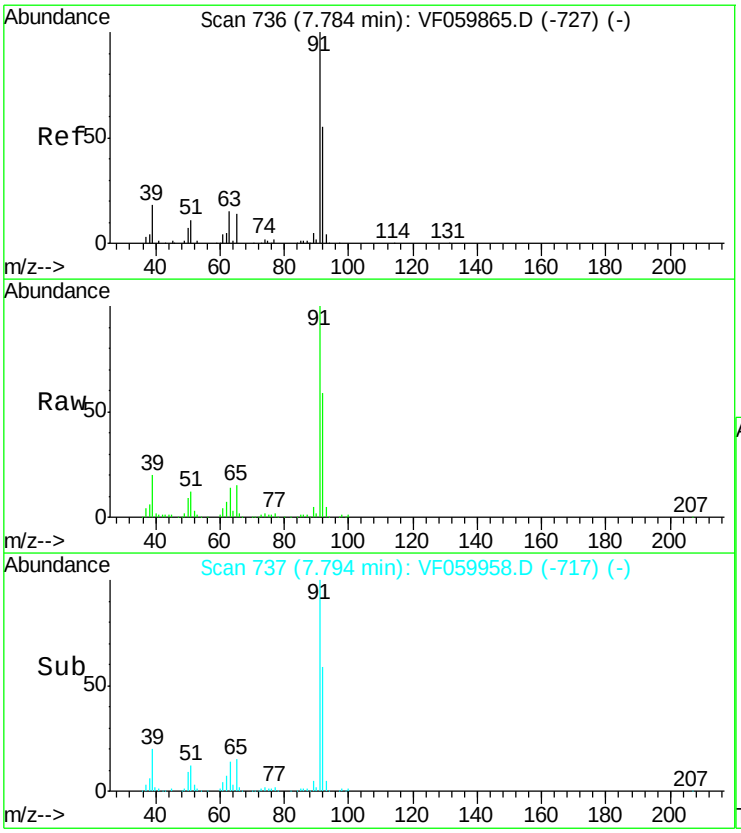
#51
4-Methyl-2-Pentanone
Concen: 667.01 ug/l
RT: 8.42 min Scan# 801
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 679551

Ion	Ratio	Lower	Upper
43	100		
58	32.3	24.2	36.4

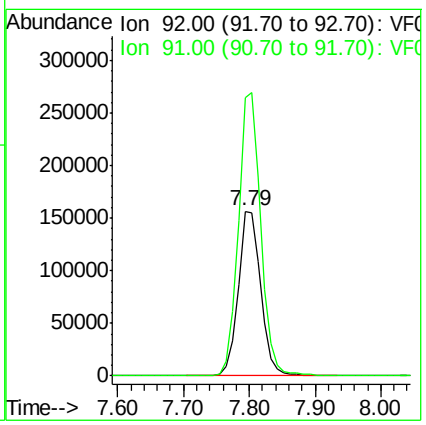


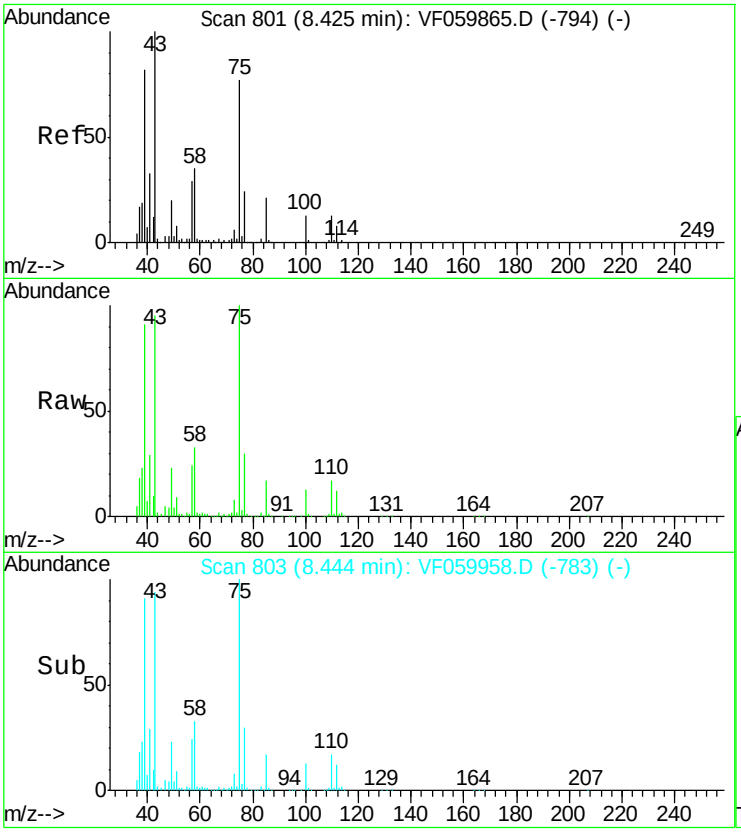


#52
Toluene
Concen: 132.70 ug/l
RT: 7.79 min Scan# 737
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 92 Resp: 374169

Ion	Ratio	Lower	Upper
92	100		
91	168.8	131.2	196.8



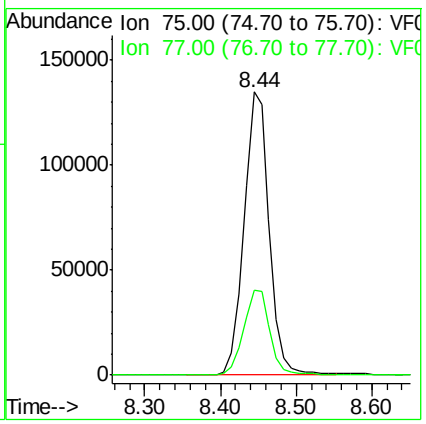


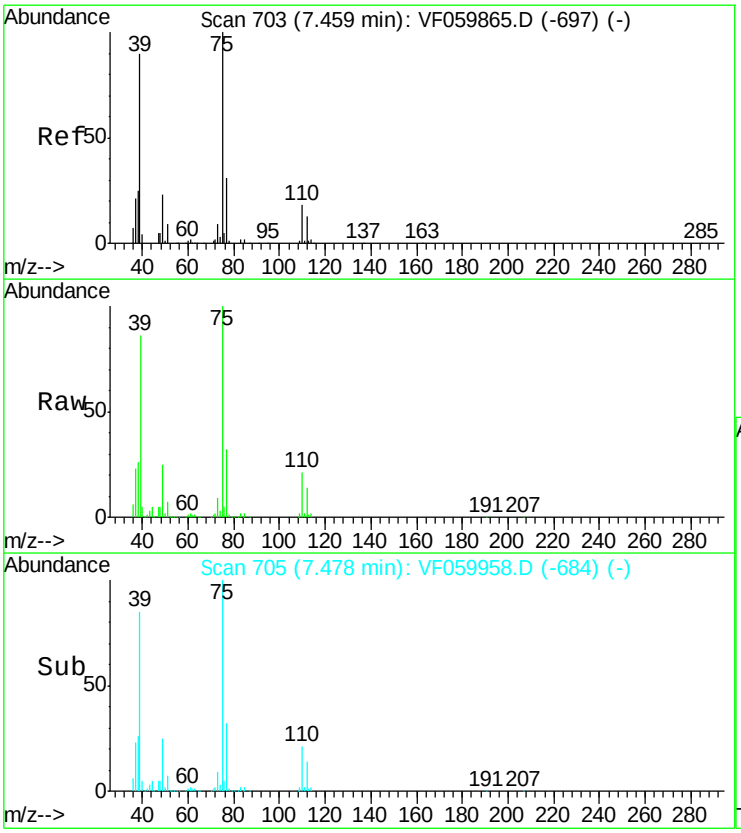
#53
t-1,3-Dichloropropene
Concen: 141.67 ug/l
RT: 8.44 min Scan# 803
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 310761

Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.8	38.6

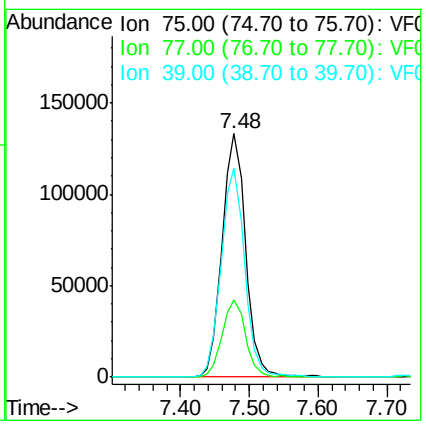


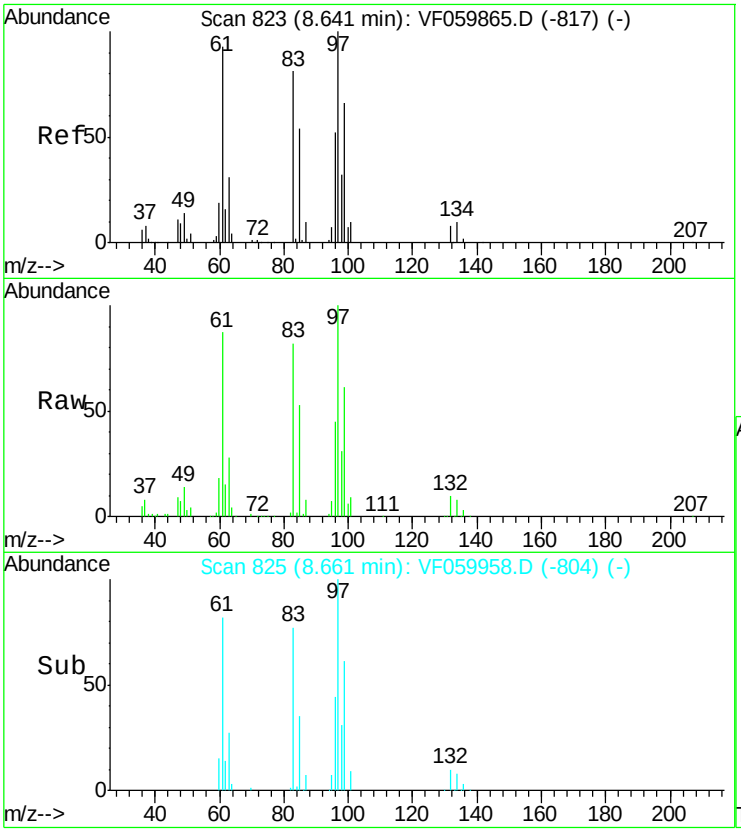


#54
cis-1,3-Dichloropropene
Concen: 140.97 ug/l
RT: 7.48 min Scan# 705
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 75 Resp: 316027

Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.1	39.1
39	85.6	71.6	107.4



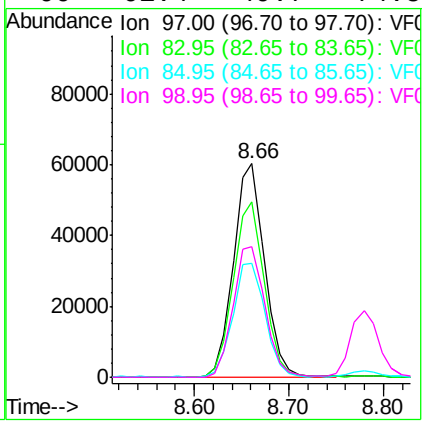


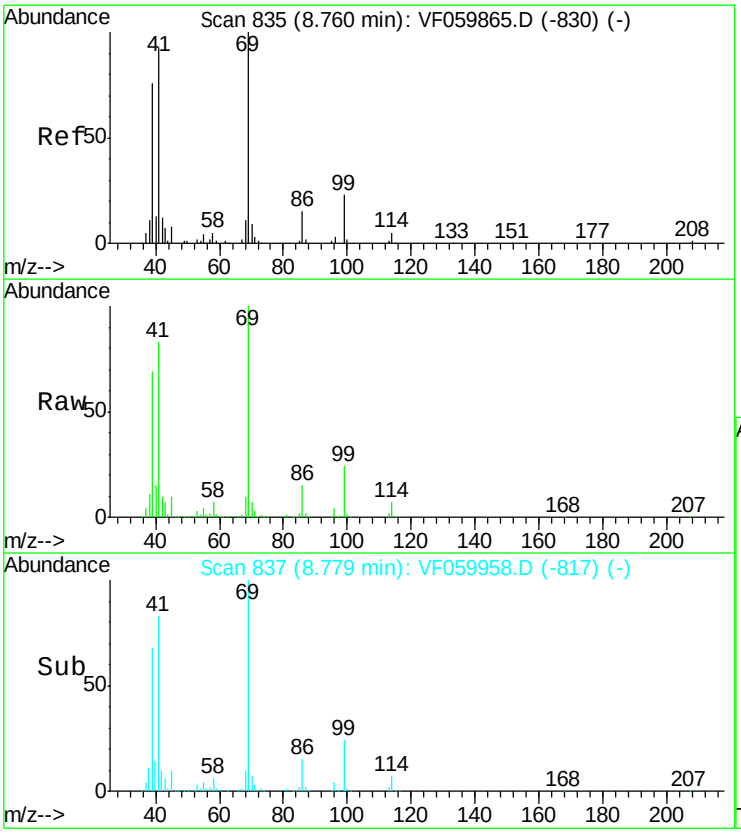
#55
1,1,2-Trichloroethane
Concen: 135.32 ug/l
RT: 8.66 min Scan# 825
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument : MSVOA_F
ClientSampleId : VSTDICC150

Tgt Ion: 97 Resp: 137234

Ion	Ratio	Lower	Upper
97	100		
83	82.3	70.0	105.0
85	53.2	45.2	67.8
99	61.4	49.7	74.5

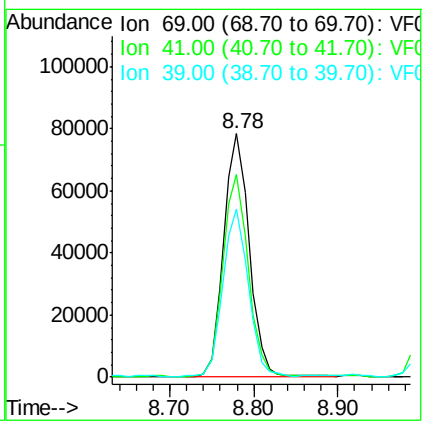


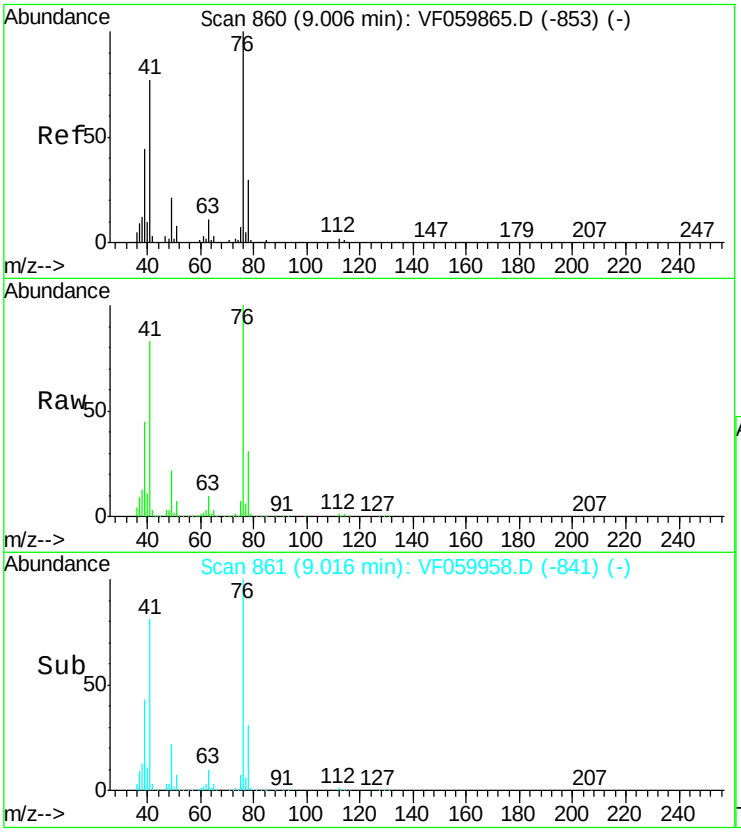


#56
Ethyl methacrylate
Concen: 140.98 ug/l
RT: 8.78 min Scan# 837
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 69 Resp: 166079

Ion	Ratio	Lower	Upper
69	100		
41	83.4	68.7	103.1
39	68.8	58.5	87.7



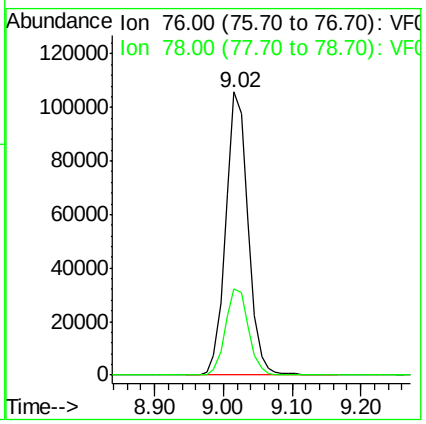


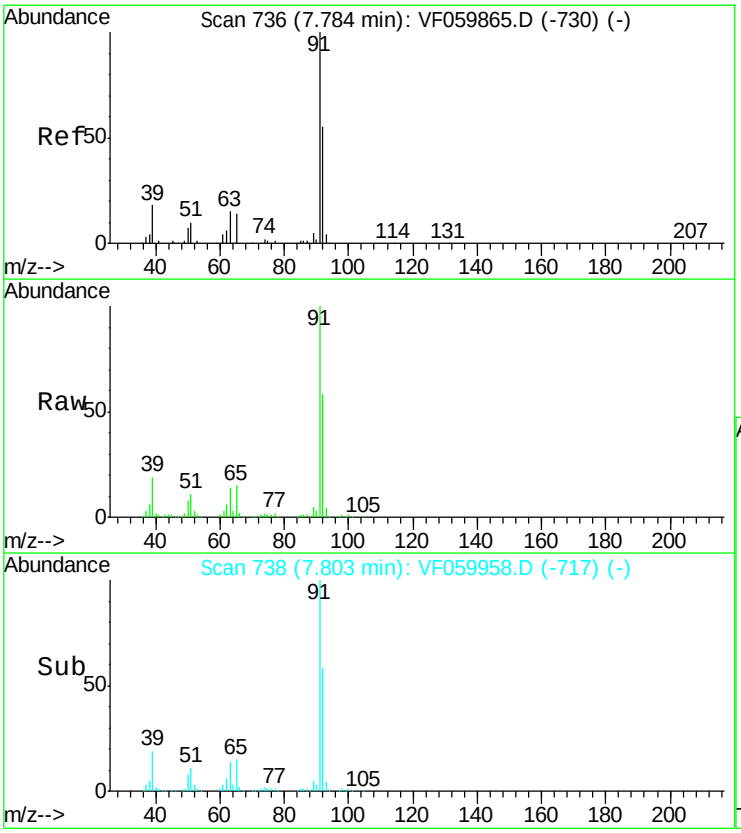
#57
1,3-Dichloropropane
Concen: 134.72 ug/l
RT: 9.02 min Scan# 861
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument : MSVOA_F
ClientSampleId : VSTDICC150

Tgt Ion: 76 Resp: 237189

Ion	Ratio	Lower	Upper
76	100		
78	30.6	25.5	38.3

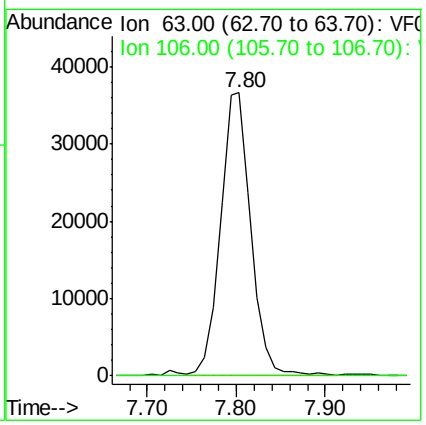


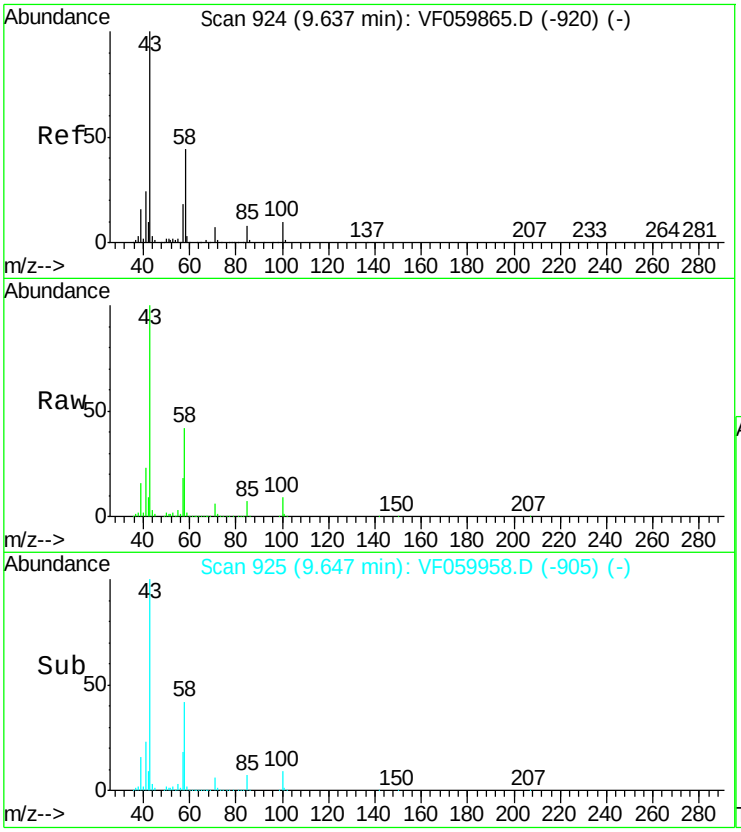


#58
2-Chloroethyl Vinyl ether
Concen: 642.67 ug/l
RT: 7.80 min Scan# 738
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 63 Resp: 86213

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



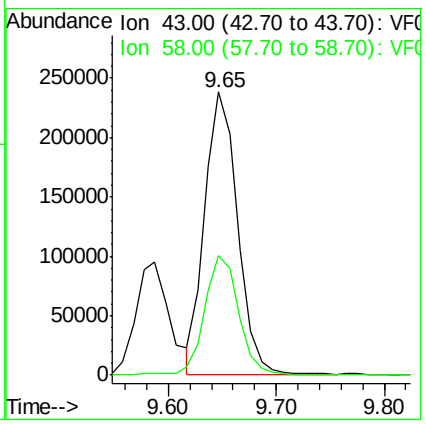


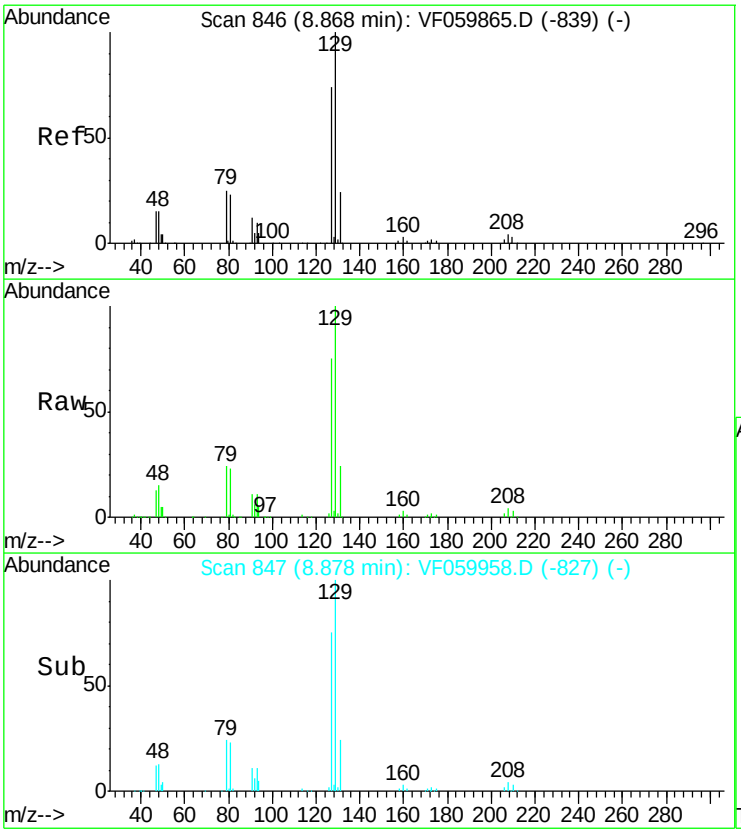
#59
2-Hexanone
Concen: 693.25 ug/l
RT: 9.65 min Scan# 925
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 501903

Ion	Ratio	Lower	Upper
43	100		
58	42.1	19.4	58.2

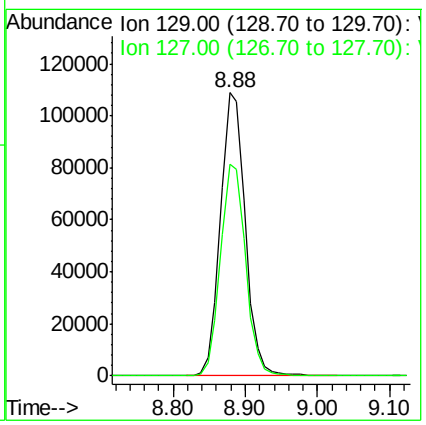


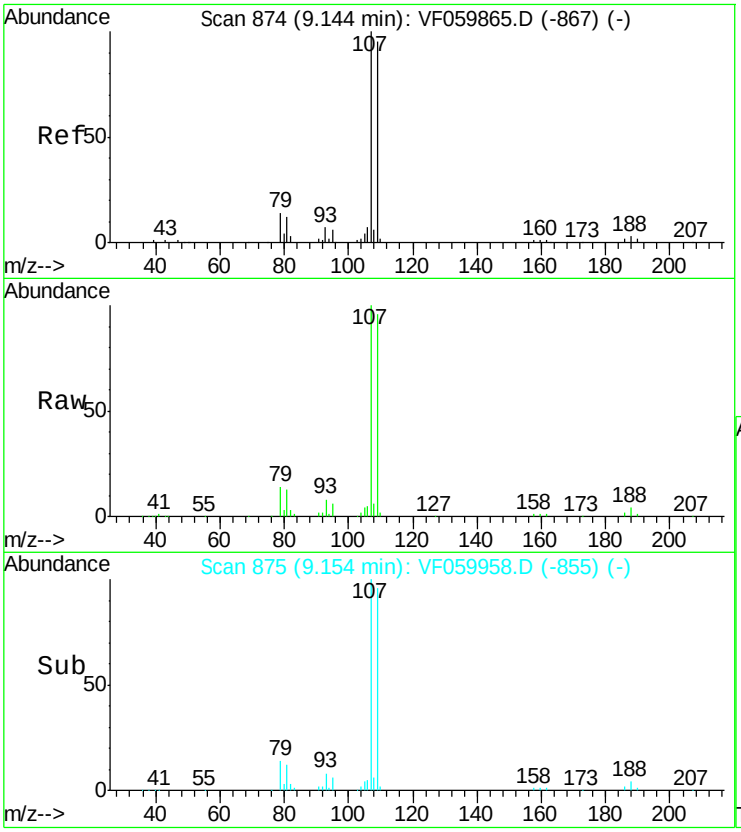


#60
Dibromochloromethane
Concen: 135.80 ug/l
RT: 8.88 min Scan# 847
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion:129 Resp: 259628

Ion	Ratio	Lower	Upper
129	100		
127	74.8	40.0	119.9



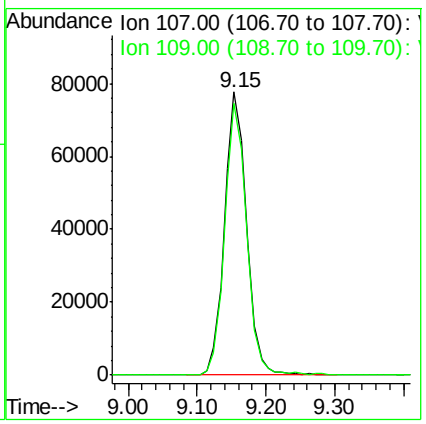


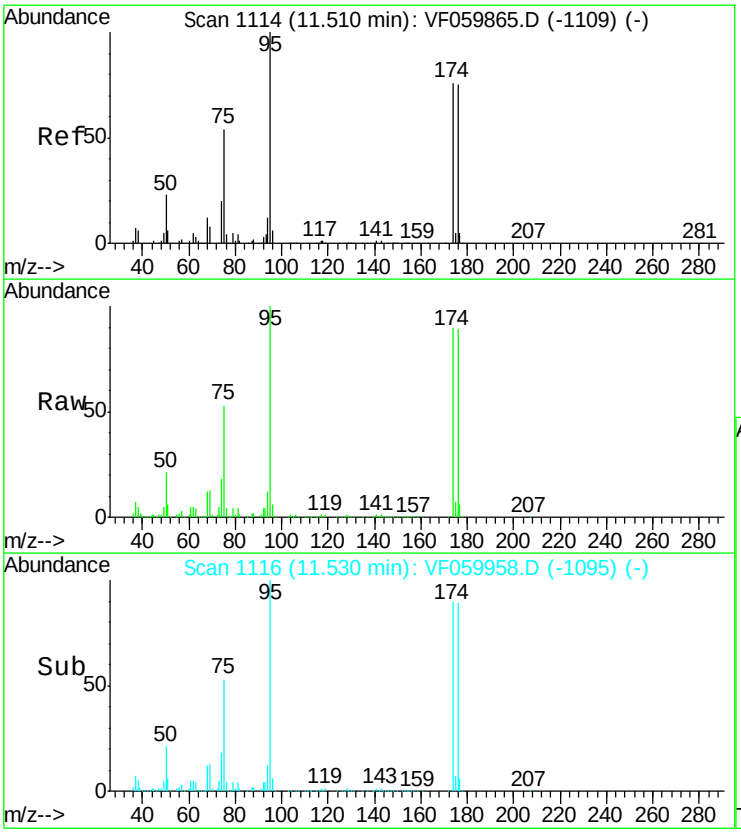
#61
1,2-Dibromoethane
Concen: 139.55 ug/l
RT: 9.15 min Scan# 875
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument : MSVOA_F
ClientSampleId : VSTDICC150

Tgt Ion:107 Resp: 172389

Ion	Ratio	Lower	Upper
107	100		
109	96.0	75.0	112.6

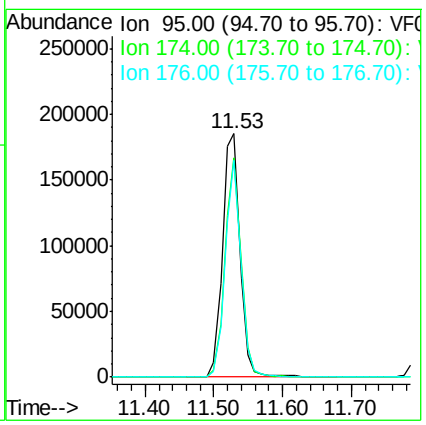


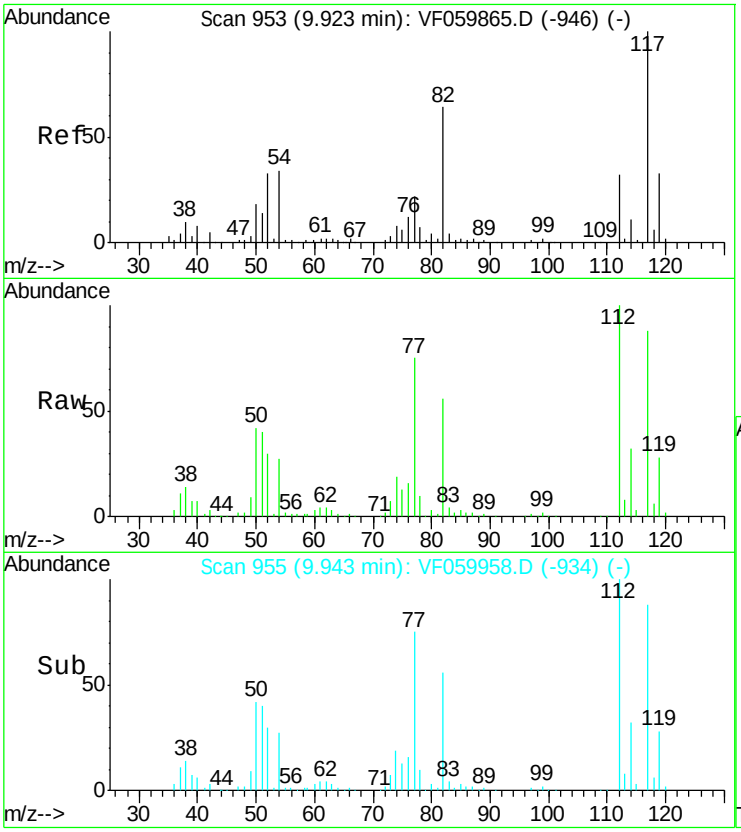


#62
4-Bromofluorobenzene
Concen: 139.47 ug/l
RT: 11.53 min Scan# 1116
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 95 Resp: 325453

Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	156.4
176	88.9	0.0	146.8



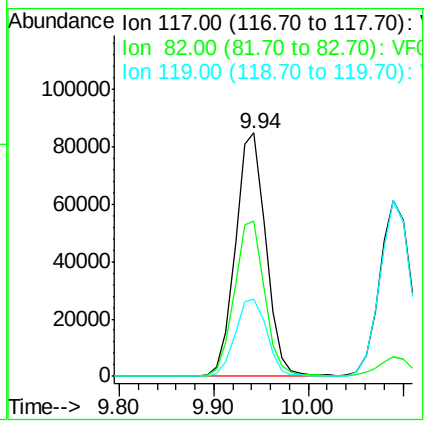


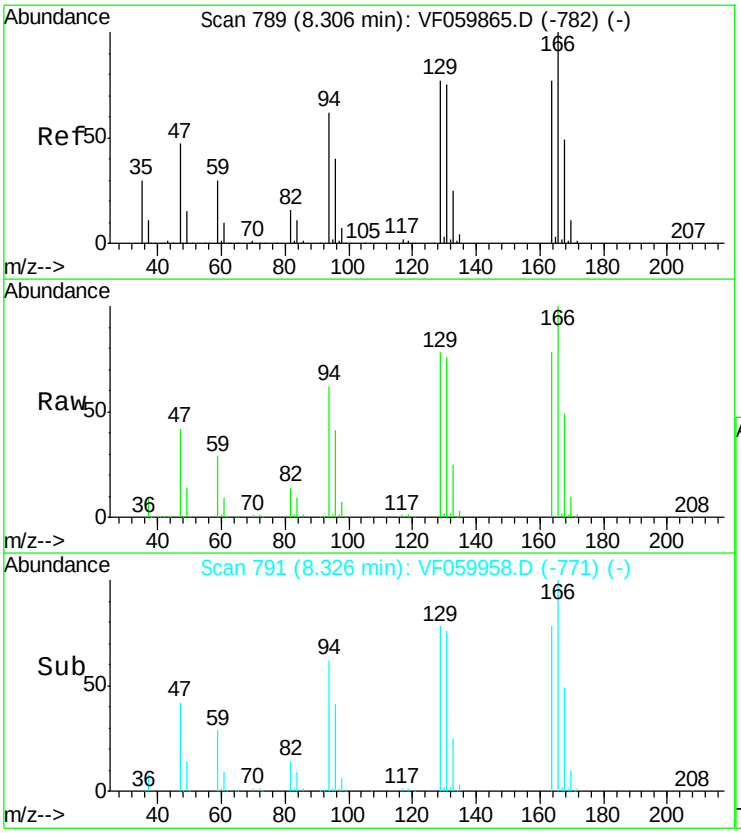
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.94 min Scan# 955
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 189055

Ion	Ratio	Lower	Upper
117	100		
82	63.6	48.3	72.5
119	31.5	25.7	38.5

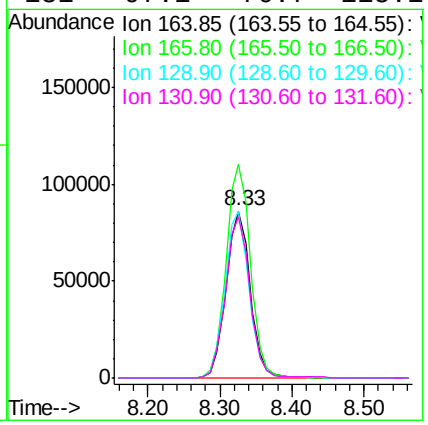


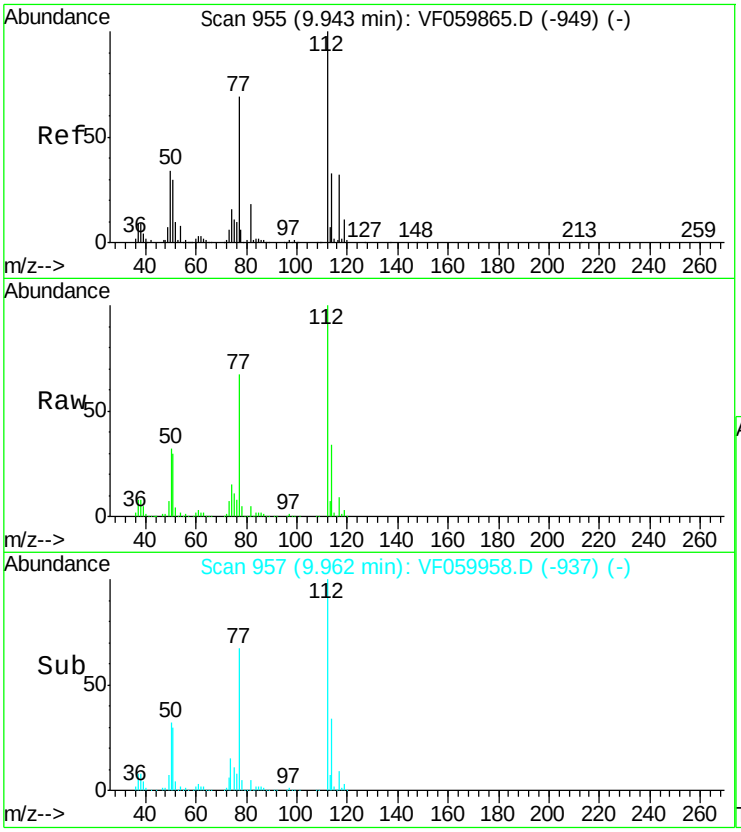


#64
Tetrachloroethene
Concen: 127.59 ug/l
RT: 8.33 min Scan# 791
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion:164 Resp: 201545

Ion	Ratio	Lower	Upper
164	100		
166	128.1	103.4	155.2
129	99.6	82.2	123.4
131	97.1	76.7	115.1



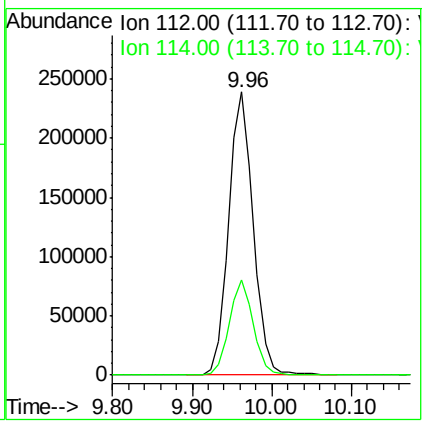


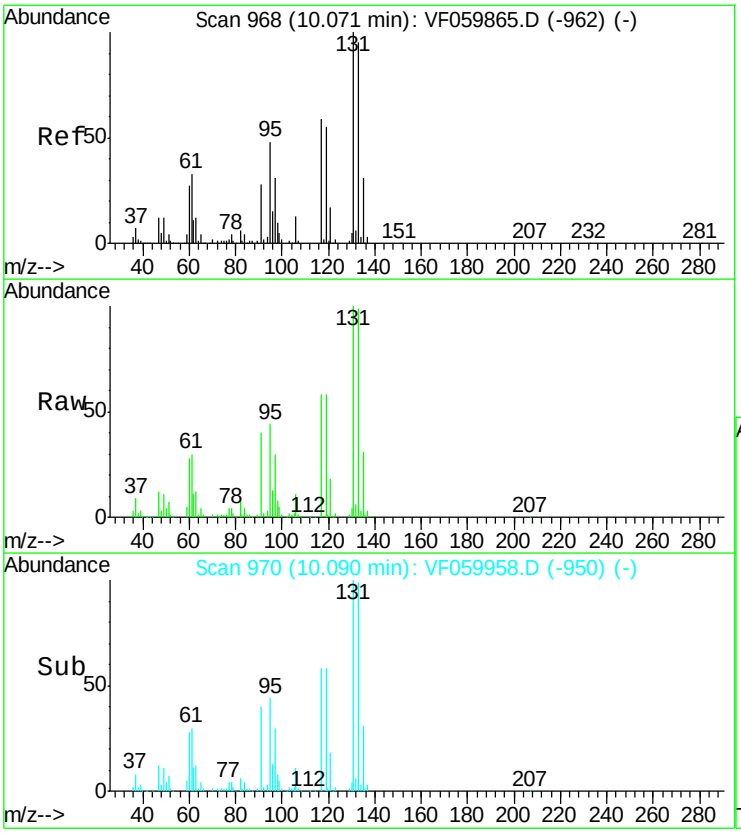
#65
Chlorobenzene
Concen: 136.54 ug/l
RT: 9.96 min Scan# 957
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 517002

Ion	Ratio	Lower	Upper
112	100		
114	33.8	25.8	38.6

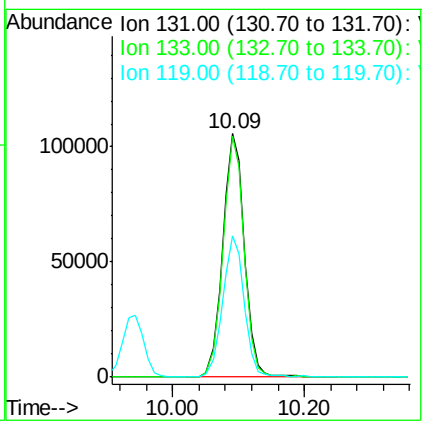


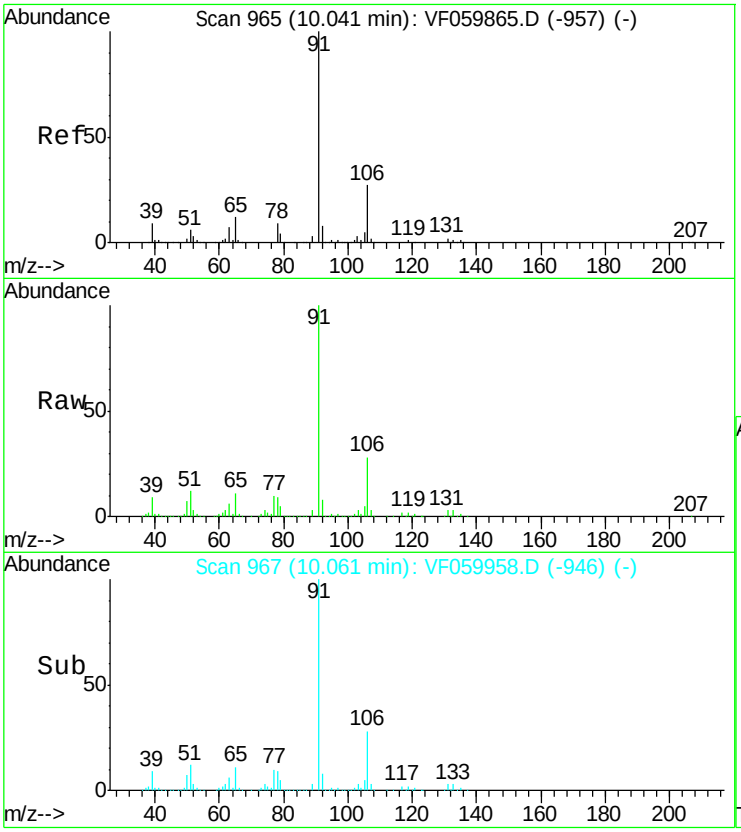


#66
1,1,1,2-Tetrachloroethane
Concen: 130.16 ug/l
RT: 10.09 min Scan# 970
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion:131 Resp: 243508

Ion	Ratio	Lower	Upper
131	100		
133	99.1	46.4	139.1
119	57.9	27.2	81.5



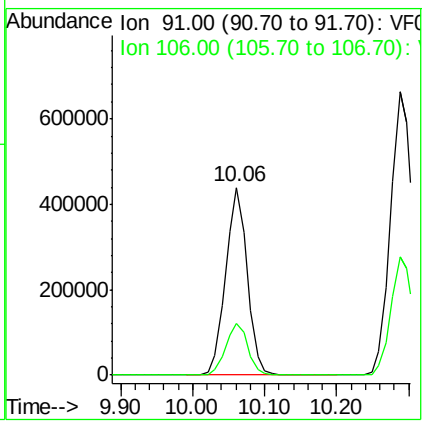


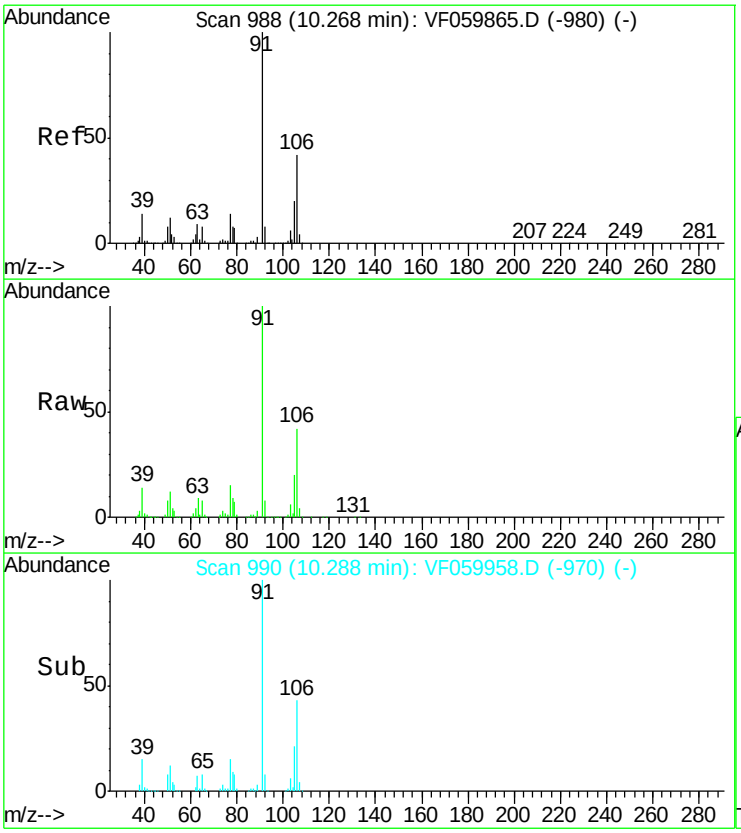
#67
Ethyl Benzene
Concen: 139.75 ug/l
RT: 10.06 min Scan# 967
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument : MSVOA_F
ClientSampleId : VSTDICC150

Tgt Ion: 91 Resp: 915987

Ion	Ratio	Lower	Upper
91	100		
106	27.6	20.7	31.1

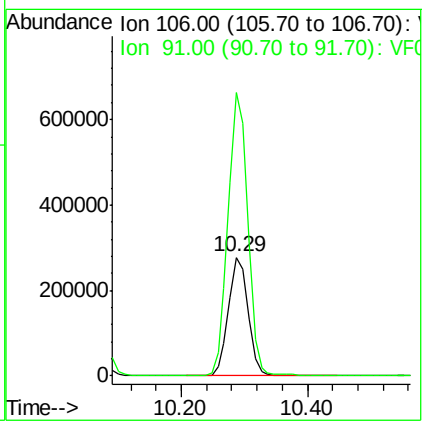


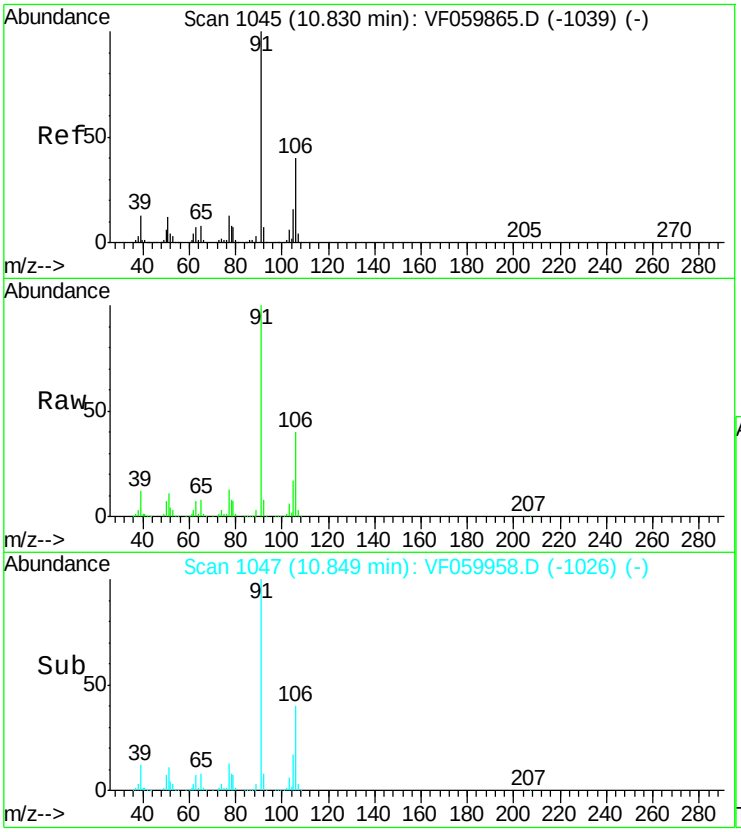


#68
m/p-Xylenes
Concen: 262.15 ug/l
RT: 10.29 min Scan# 990
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion:106 Resp: 594257

Ion	Ratio	Lower	Upper
106	100		
91	238.6	191.8	287.8



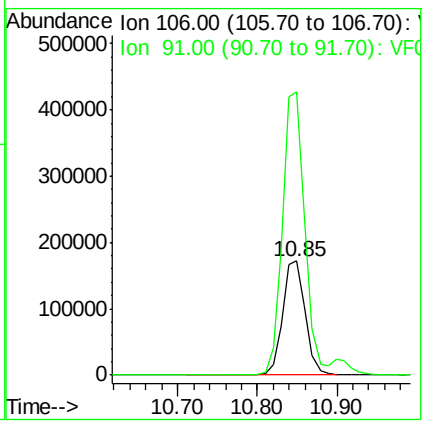


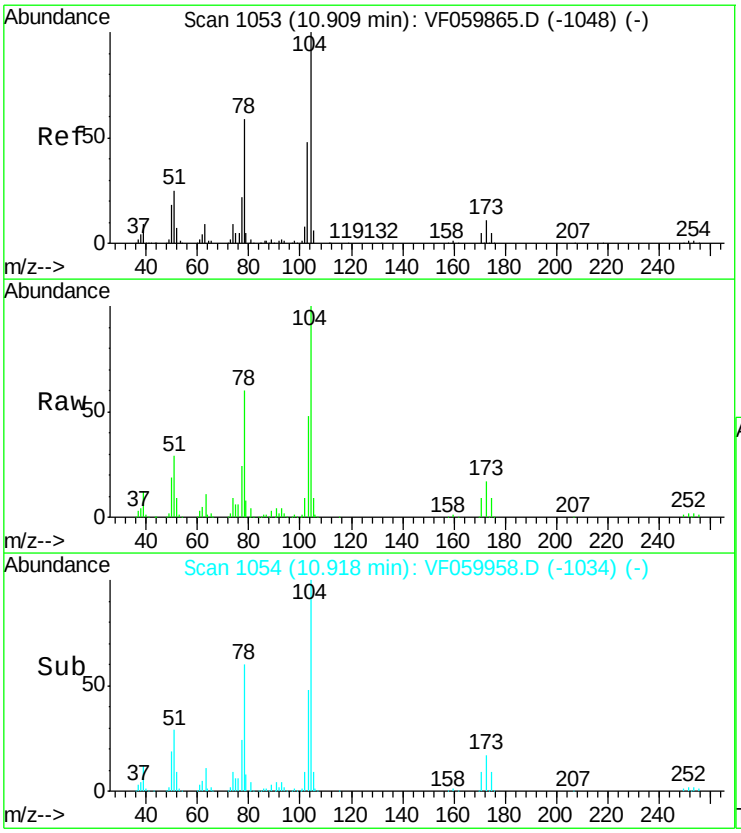
#69
o-Xylene
Concen: 143.38 ug/l
RT: 10.85 min Scan# 1047
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument : MSVOA_F
ClientSampleId : VSTDICC150

Tgt Ion:106 Resp: 341033

Ion	Ratio	Lower	Upper
106	100		
91	248.1	126.8	380.6

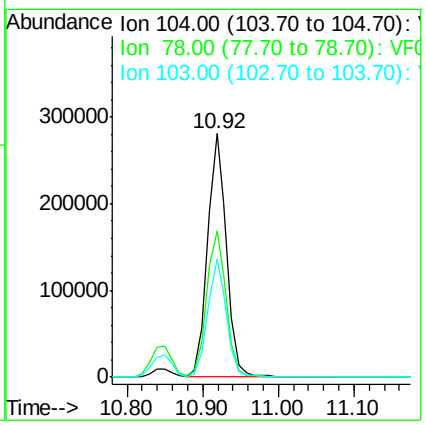


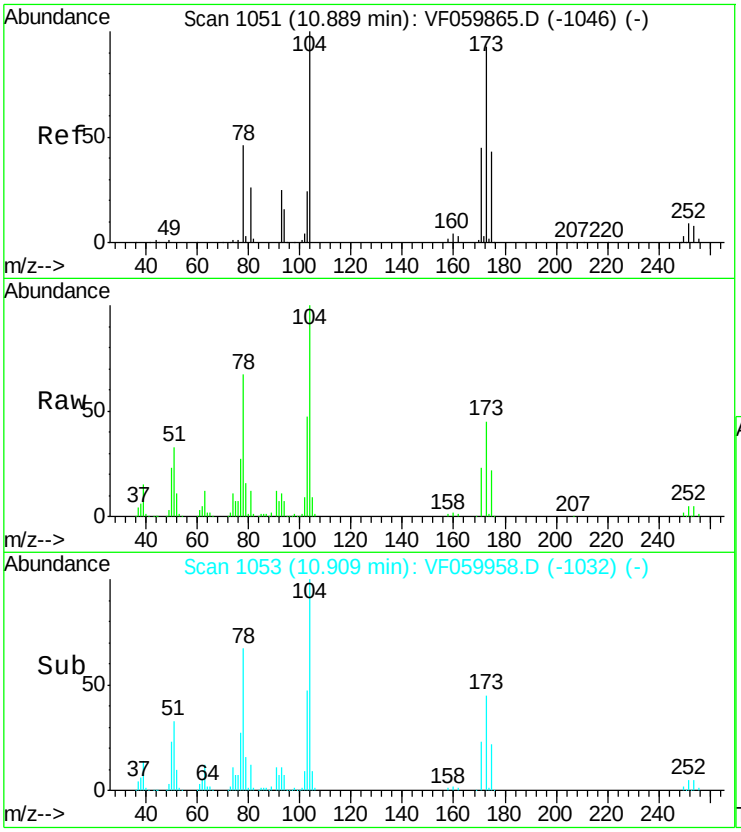


#70
Styrene
Concen: 137.43 ug/l
RT: 10.92 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion:104 Resp: 493399

Ion	Ratio	Lower	Upper
104	100		
78	59.9	49.2	73.8
103	48.4	37.4	56.0



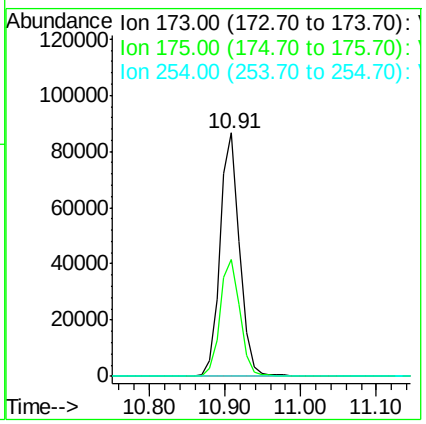


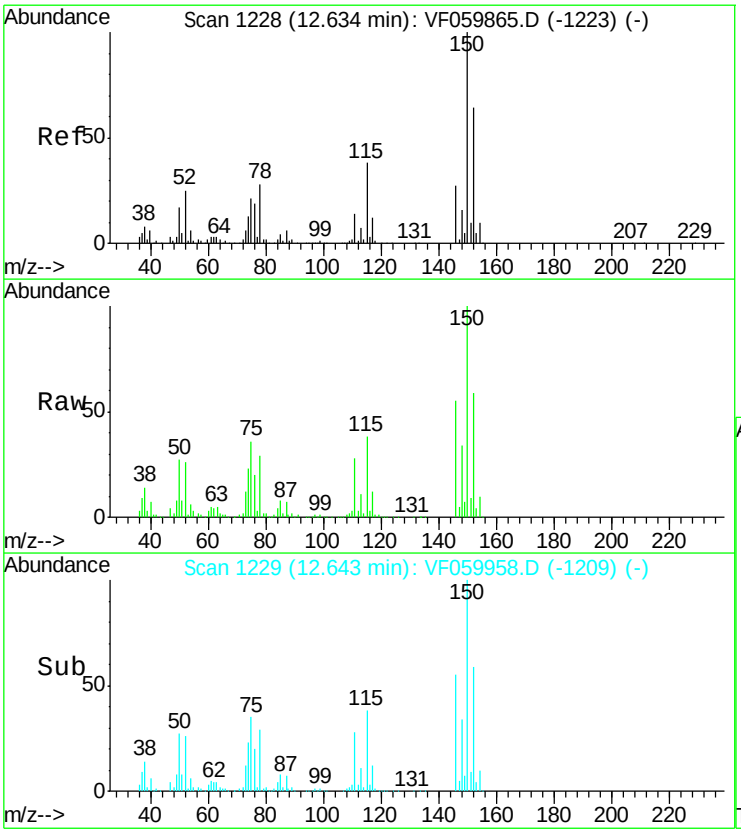
#71
Bromoform
Concen: 135.11 ug/l
RT: 10.91 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument : MSVOA_F
ClientSampleId : VSTDICC150

Tgt Ion:173 Resp: 155914

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.6	73.6
254	0.0	0.0	0.0

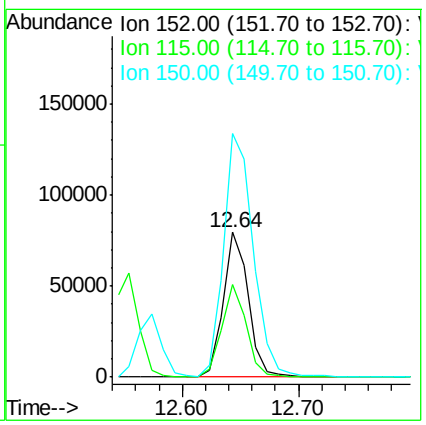


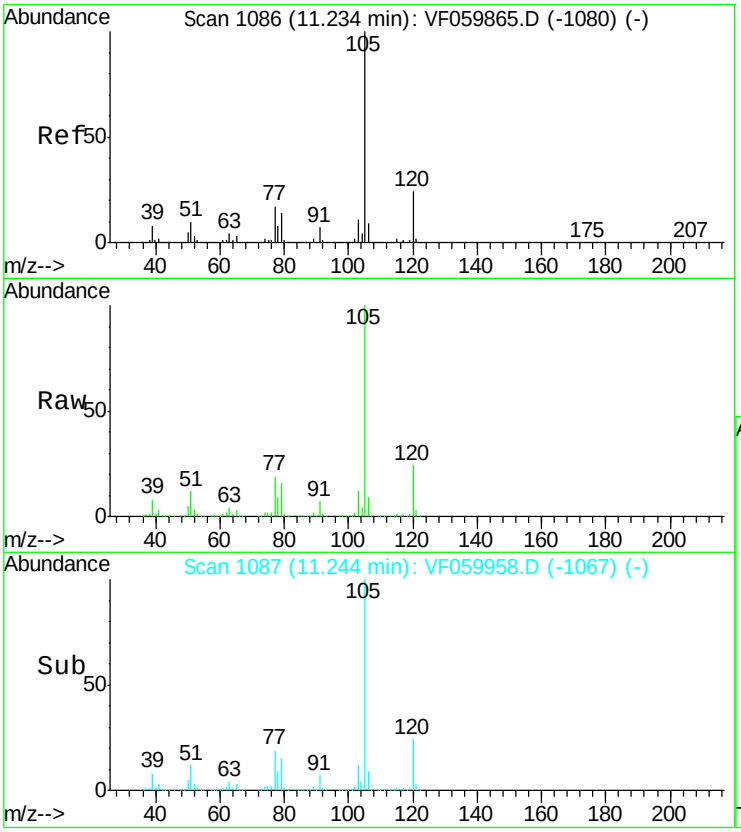


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion:152 Resp: 117407

Ion	Ratio	Lower	Upper
152	100		
115	64.3	31.4	94.0
150	168.5	0.0	326.2



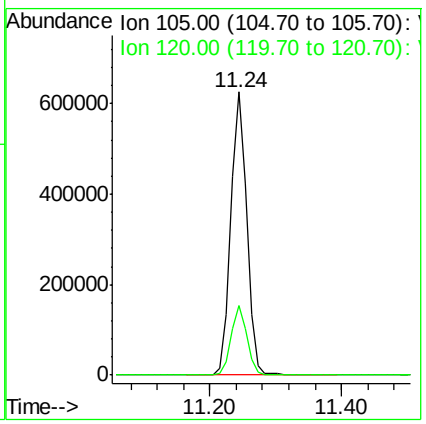


#73
Isopropylbenzene
Concen: 147.58 ug/l
RT: 11.24 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1072281

Ion	Ratio	Lower	Upper
105	100		
120	24.4	11.9	35.9



Ref

Raw

Sub

#74
N-amyl acetate
Concen: 141.01 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Tgt Ion: 43 Resp: 265497

Ion	Ratio	Lower	Upper
43	100		
70	33.0	26.9	40.3
55	20.6	16.9	25.3
61	22.6	18.1	27.1

Ref

Raw

Sub

#75
1,1,2,2-Tetrachloroethane
Concen: 131.65 ug/l
RT: 11.80 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VF059958.D
Acq: 14 Aug 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 178271

Ion	Ratio	Lower	Upper
83	100		
131	11.6	6.3	19.1
85	65.7	33.9	101.7