Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052819\
Data File : VF062762.D
Acq On : 28 May 2019 16:03
Operator : FY/SY
Sample : K3054-02
Misc : 16.50g/5mL/MSVOA_F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CULVER-CBTC-WC1A-052419

Quant Time: May 29 01:48:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.07	168	57732	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.79	114	71942	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.93	117	40193	50.00	ug/l		0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	5773	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.04	65	5737	14.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 28.12%				
35) Dibromofluoromethane	4.33	113	16616	30.18	ug/l		0.01
Spiked Amount 50.000			Recovery = 60.36%				
50) Toluene-d8	7.73	98	53966	41.06	ug/l		0.01
Spiked Amount 50.000			Recovery = 82.12%				
62) 4-Bromofluorobenzene	11.50	95	9817	19.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 39.38%				
Target Compounds							Qvalue
3) Chloromethane	1.18	50	995	1.375	ug/l		90
5) Bromomethane	1.40	94	842	2.311	ug/l	#	72
6) Chloroethane	1.48	64	587	2.400	ug/l	#	66
8) Diethyl Ether	1.73	74	220	1.242	ug/l		53
11) Tert butyl alcohol	2.68	59	1355	50.308	ug/l	#	28
12) 1,1-Dichloroethene	1.86	96	628	1.211	ug/l	#	14
13) Acrolein	2.12	56	542	19.278	ug/l		84
14) Allyl chloride	2.25	41	1344	2.863	ug/l	#	32
15) Acrylonitrile	3.08	53	510	6.713	ug/l	#	1
16) Acetone	2.42	43	535	5.055	ug/l		94
18) Methyl Acetate	2.47	43	1492	8.971	ug/l		100
20) Methylene Chloride	2.31	84	963	1.815	ug/l	#	68
21) trans-1,2-Dichloroethene	2.40	96	600	1.184	ug/l	#	16
22) Diisopropyl ether	2.95	45	1636	1.413	ug/l	#	78
25) 2-Butanone	4.53	43	2029	8.973	ug/l	#	50
26) 2,2-Dichloropropane	3.77	77	625	1.286	ug/l	#	46
28) Bromochloromethane	3.90	49	610	1.281	ug/l	#	2
29) Tetrahydrofuran	4.26	42	1428	15.606	ug/l	#	61
37) Ethyl Acetate	4.27	43	2166	7.196	ug/l	#	32
41) Methacrylonitrile	4.93	41	997	6.318	ug/l	#	30
42) 1,2-Dichloroethane	5.13	62	691	1.725	ug/l		71
43) Isopropyl Acetate	7.12	43	1389	3.562	ug/l	#	90
46) Dibromomethane	6.25	93	471	1.608	ug/l	#	27
48) Methyl methacrylate	6.88	41	867	4.254	ug/l	#	51
49) 1,4-Dioxane	6.89	88	203	77.763	ug/l	#	36
55) 1,1,2-Trichloroethane	8.63	97	376	1.206	ug/l	#	57
56) Ethyl methacrylate	8.77	69	923	2.484	ug/l	#	75
58) 2-Chloroethyl Vinyl ether	7.49	63	695	5.747	ug/l	#	51
59) 2-Hexanone	9.51	43	584	Below Cal			76
68) m/p-Xylenes	10.27	106	979	1.899	ug/l		92
71) Bromoform	10.85	173	166	1.046	ug/l	#	27
73) Isopropylbenzene	11.22	105	1335	3.227	ug/l		84
74) N-amyl acetate	11.43	43	832	2.810	ug/l	#	56
75) 1,1,2,2-Tetrachloroethane	11.77	83	156	1.845	ug/l	#	23

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052819\
Data File : VF062762.D
Acq On : 28 May 2019 16:03
Operator : FY/SY
Sample : K3054-02
Misc : 16.50g/5mL/MSVOA_F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CULVER-CBTC-WC1A-052419

Quant Time: May 29 01:48:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) 1,2,3-Trichloropropane	11.86	75	733	13.193	ug/l		91
77) Bromobenzene	11.58	156	471	4.580	ug/l		85
78) n-propylbenzene	11.80	91	615	1.256	ug/l		97
79) 2-Chlorotoluene	11.68	91	808	2.928	ug/l		73
80) 1,3,5-Trimethylbenzene	11.91	105	377	1.136	ug/l		83
81) trans-1,4-Dichloro-2-buten	11.97	75	284	11.500	ug/l	#	93
82) 4-Chlorotoluene	11.99	91	923	3.392	ug/l	#	37
83) tert-Butylbenzene	12.21	119	390	1.159	ug/l	#	62
84) 1,2,4-Trimethylbenzene	12.29	105	358	1.115	ug/l	#	25
85) sec-Butylbenzene	12.38	105	976	2.161	ug/l	#	54
86) p-Isopropyltoluene	12.54	119	771	2.025	ug/l	#	80
88) 1,4-Dichlorobenzene	12.64	146	424	2.428	ug/l	#	45
90) Hexachloroethane	12.98	117	156	1.708	ug/l	#	20
92) 1,2-Dibromo-3-Chloropropan	13.72	75	359	35.589	ug/l	#	1
94) Hexachlorobutadiene	14.21	225	162	1.955	ug/l	#	58
95) Naphthalene	14.51	128	309	1.433	ug/l	#	15

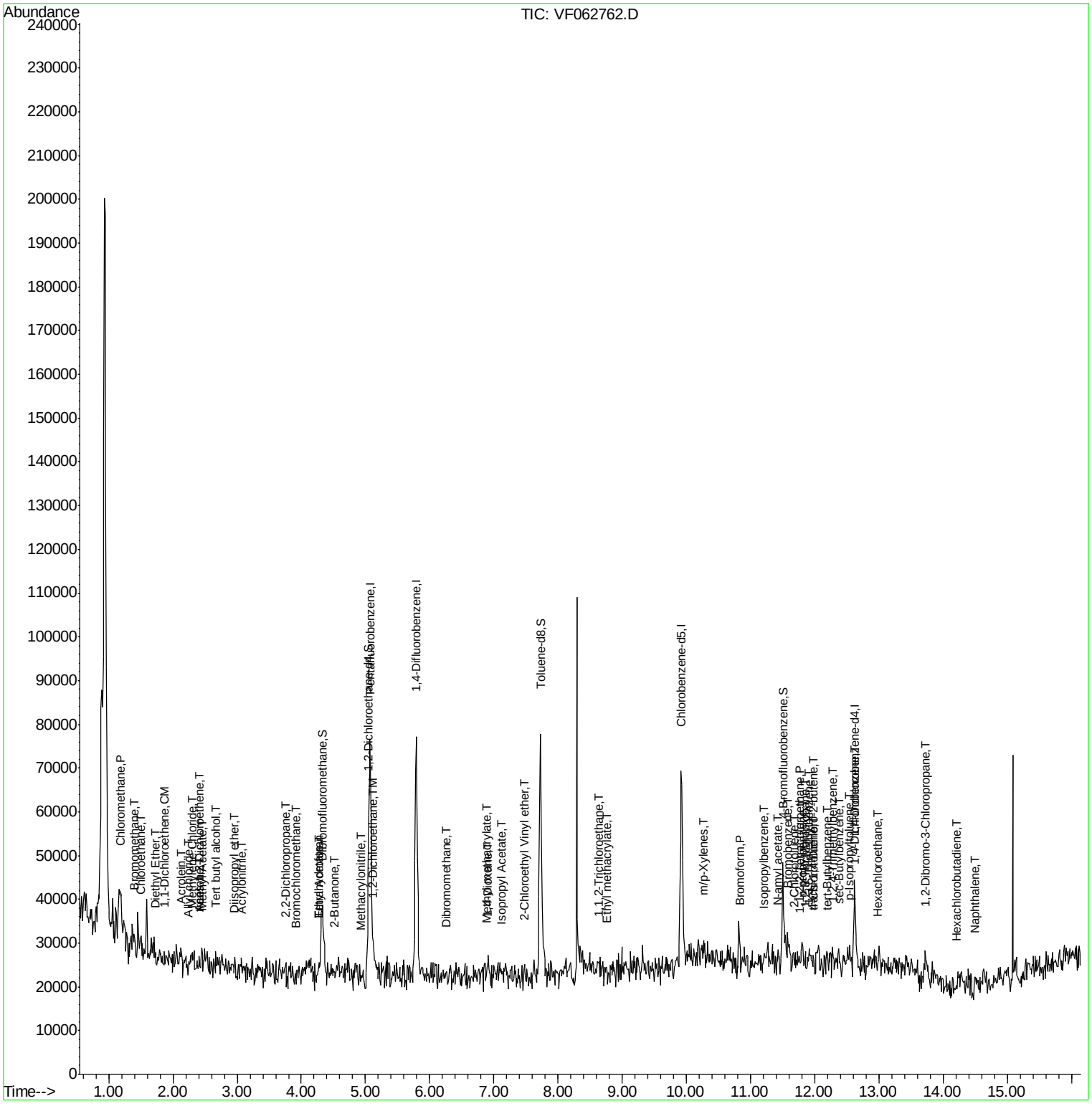
(#) = qualifier out of range (m) = manual integration (+) = signals summed

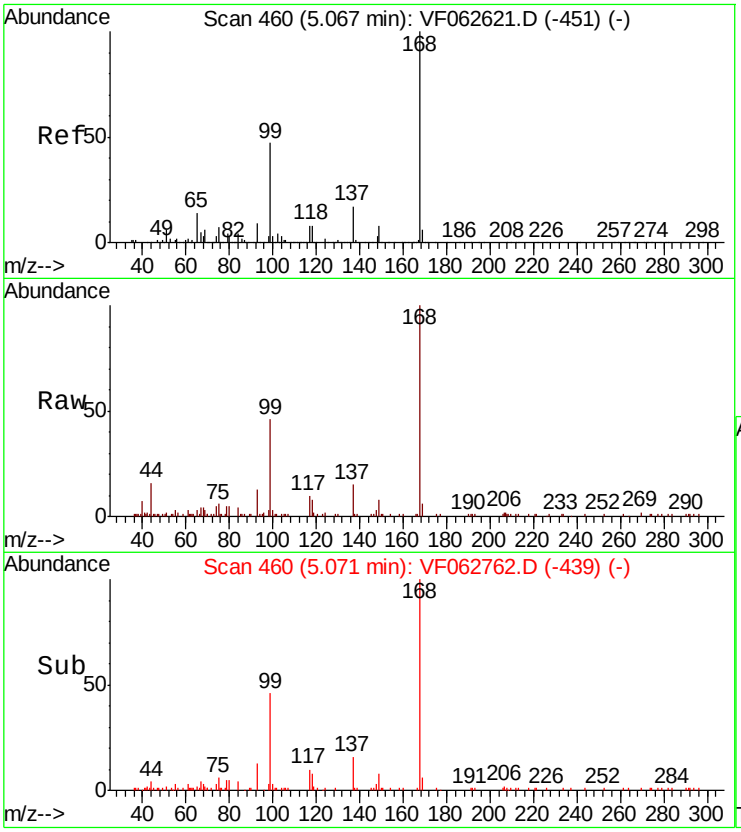
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052819\
Data File : VF062762.D
Acq On : 28 May 2019 16:03
Operator : FY/SY
Sample : K3054-02
Misc : 16.50g/5mL/MSVOA_F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Quant Time: May 29 01:48:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration



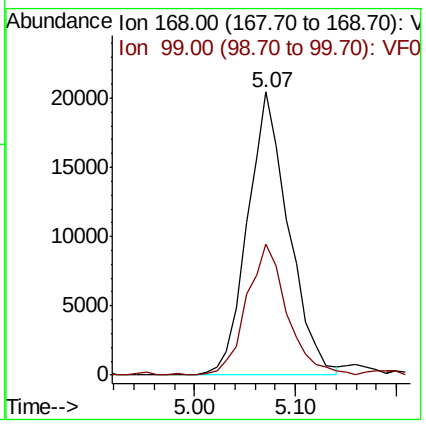


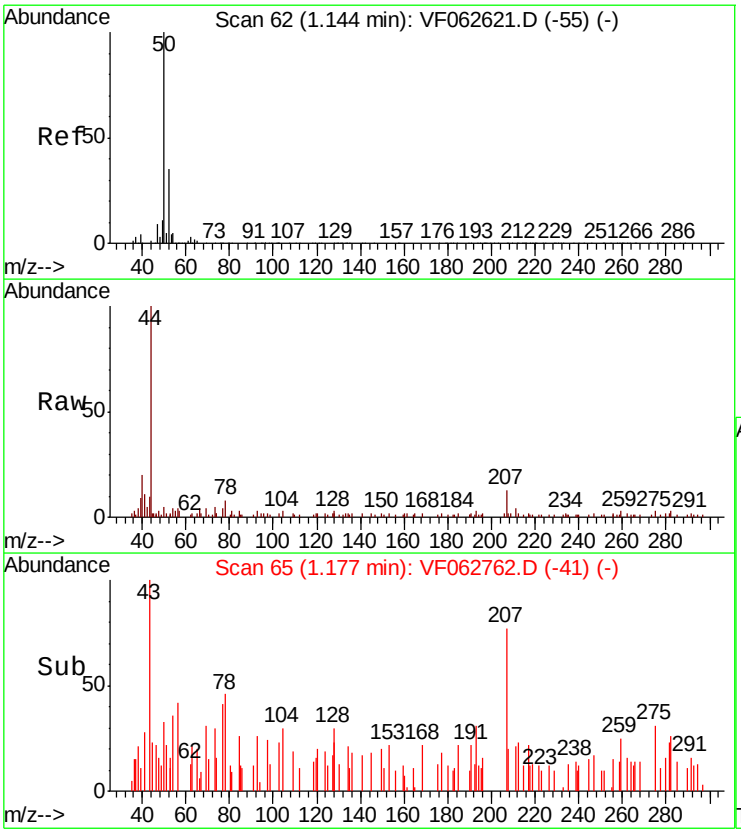
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 460
Delta R.T. 0.00 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion:168 Resp: 57732

Ion	Ratio	Lower	Upper
168	100		
99	46.2	37.8	56.8

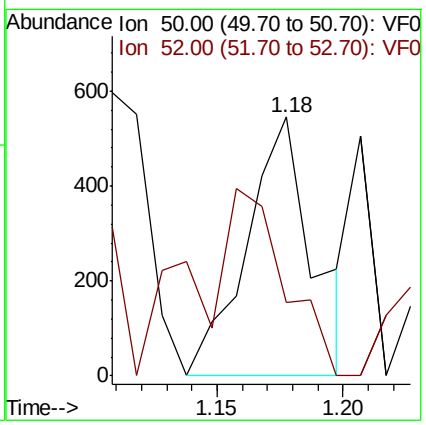


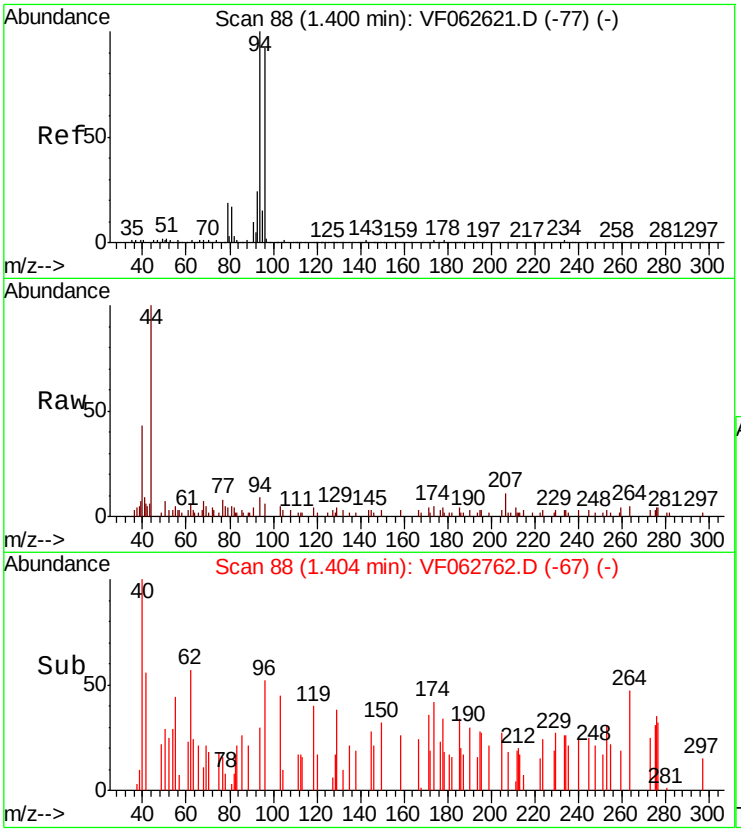


#3
Chloromethane
Concen: 1.375 ug/l
RT: 1.18 min Scan# 65
Delta R.T. 0.03 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 50 Resp: 995

Ion	Ratio	Lower	Upper
50	100		
52	28.4	27.5	41.3



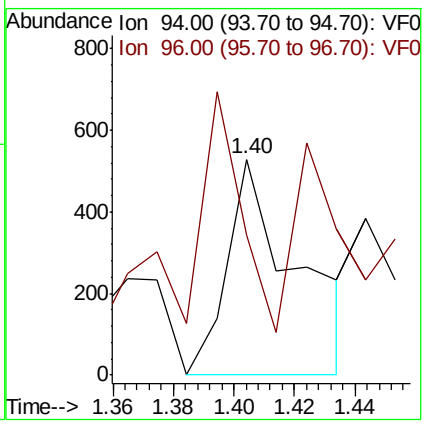


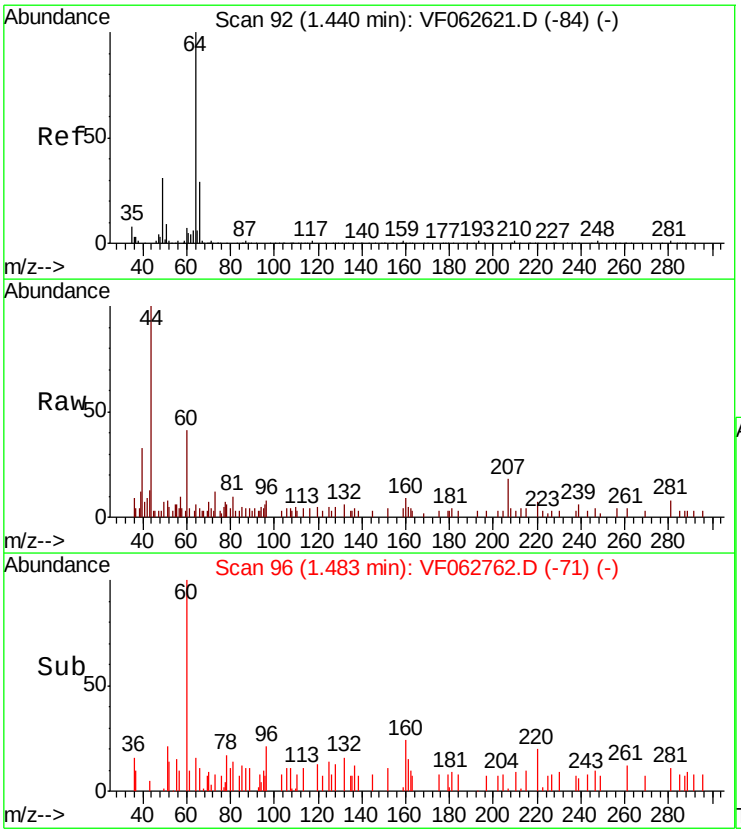
#5
Bromomethane
Concen: 2.311 ug/l
RT: 1.40 min Scan# 88
Delta R.T. 0.00 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 94 Resp: 842

Ion	Ratio	Lower	Upper
94	100		
96	64.8	73.2	109.8#

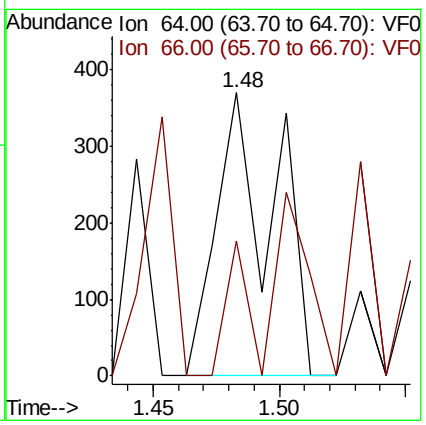


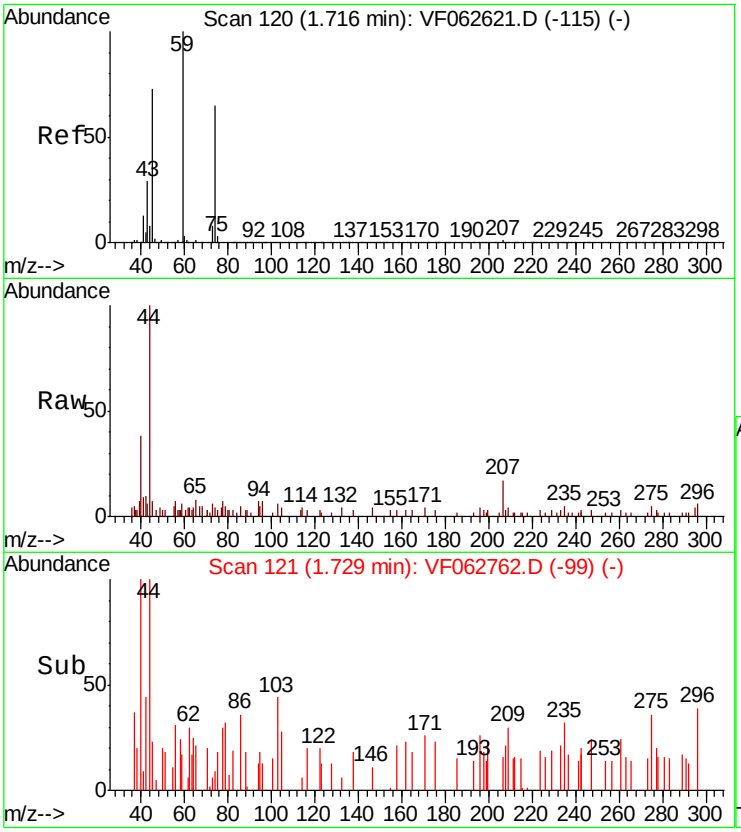


#6
Chloroethane
Concen: 2.400 ug/l
RT: 1.48 min Scan# 96
Delta R.T. 0.04 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 64 Resp: 587

Ion	Ratio	Lower	Upper
64	100		
66	47.6	23.4	35.2#



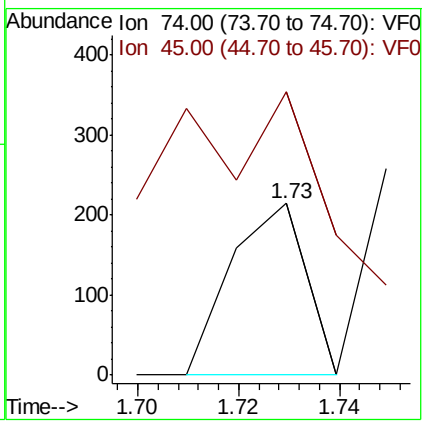


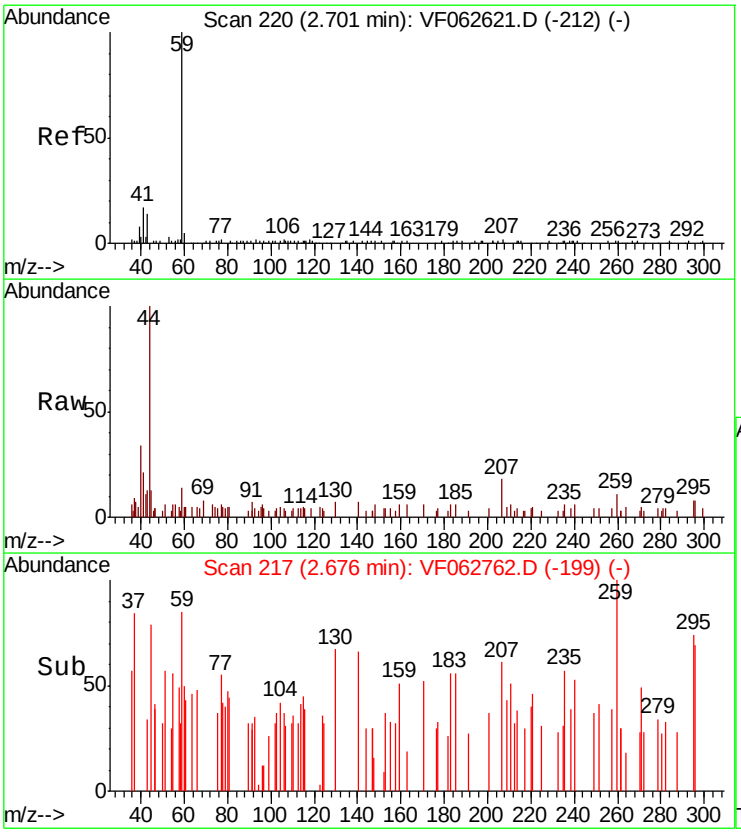
#8
Diethyl Ether
Concen: 1.242 ug/l
RT: 1.73 min Scan# 121
Delta R.T. 0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 74 Resp: 220

Ion	Ratio	Lower	Upper
74	100		
45	165.0	57.0	170.8

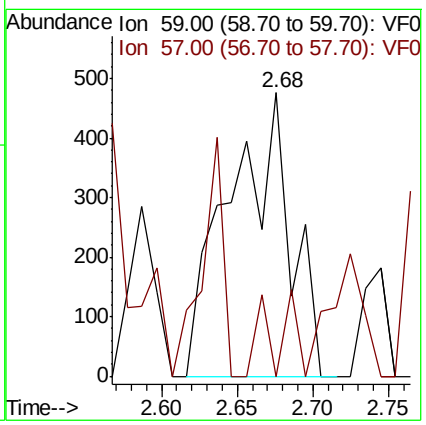


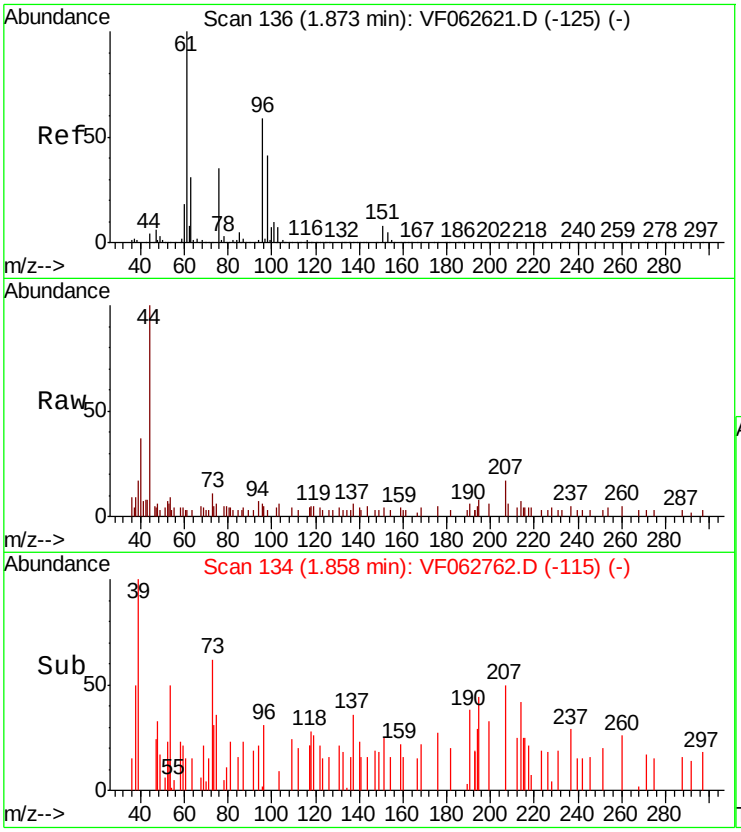


#11
Tert butyl alcohol
Concen: 50.308 ug/l
RT: 2.68 min Scan# 217
Delta R.T. -0.03 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 59 Resp: 1355

Ion	Ratio	Lower	Upper
59	100		
57	39.5	9.3	13.9#



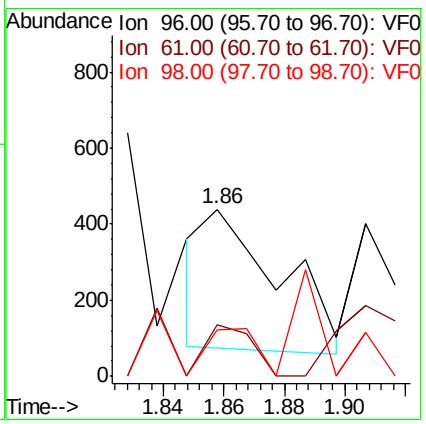


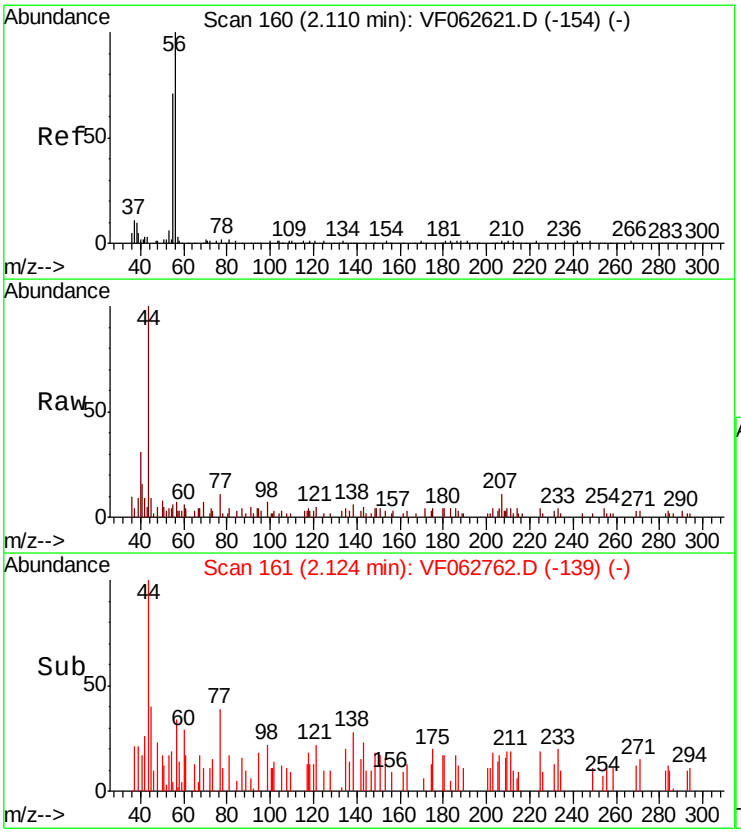
#12
1,1-Dichloroethene
Concen: 1.211 ug/l
RT: 1.86 min Scan# 134
Delta R.T. -0.02 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 96 Resp: 628

Ion	Ratio	Lower	Upper
96	100		
61	31.2	134.3	201.5#
98	27.6	55.0	82.6#

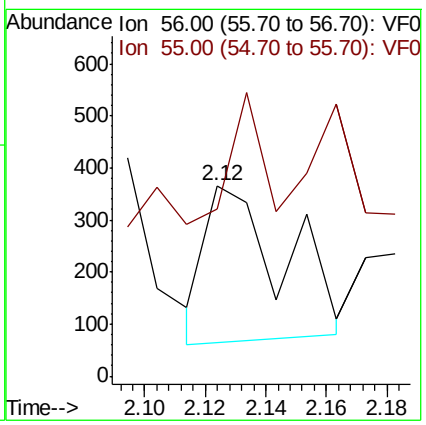


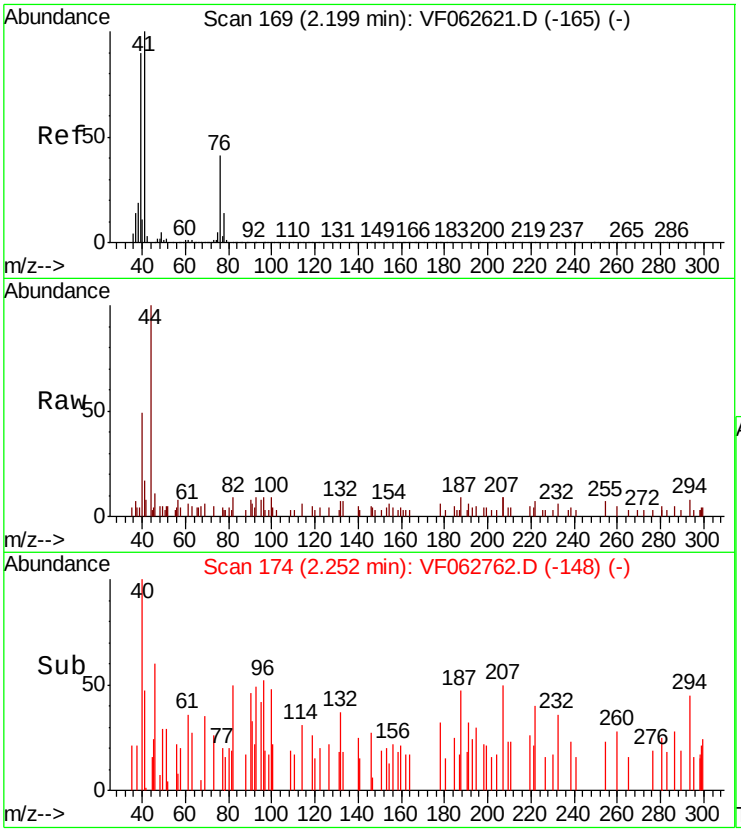


#13
Acrolein
Concen: 19.278 ug/l
RT: 2.12 min Scan# 161
Delta R.T. 0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 56 Resp: 542

Ion	Ratio	Lower	Upper
56	100		
55	87.4	59.4	89.0



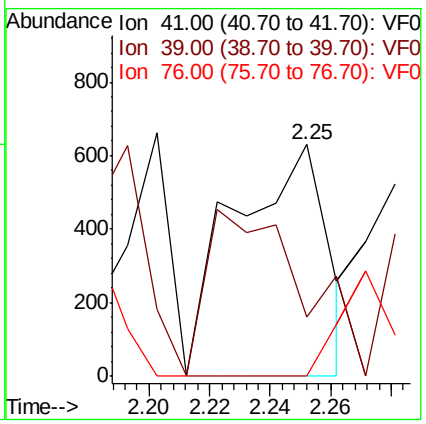


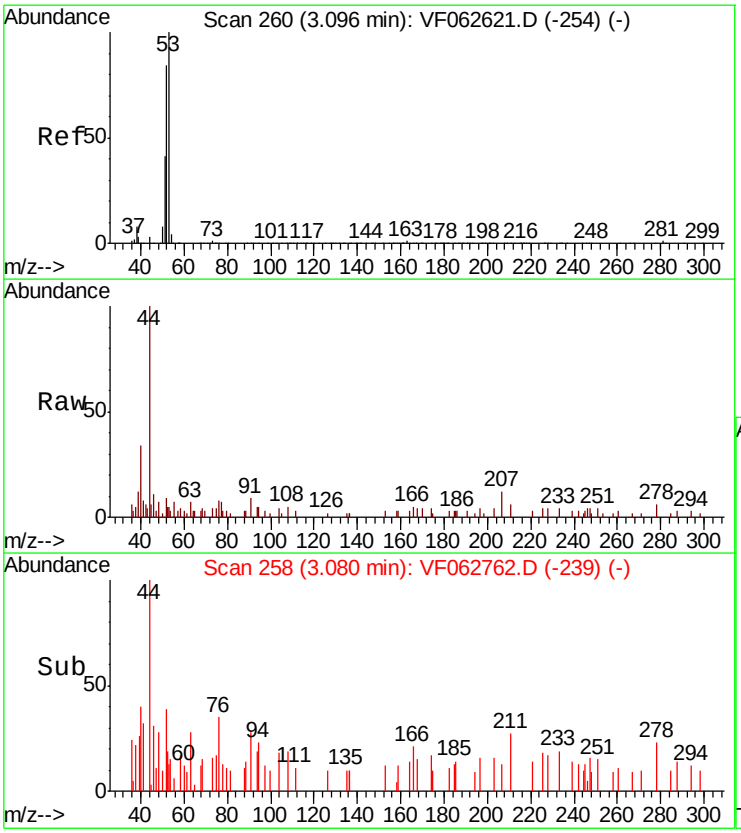
#14
Allvl chloride
Concen: 2.863 ug/l
RT: 2.25 min Scan# 174
Delta R.T. 0.05 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 41 Resp: 1344

Ion	Ratio	Lower	Upper
41	100		
39	25.4	72.0	108.0#
76	0.0	34.8	52.2#

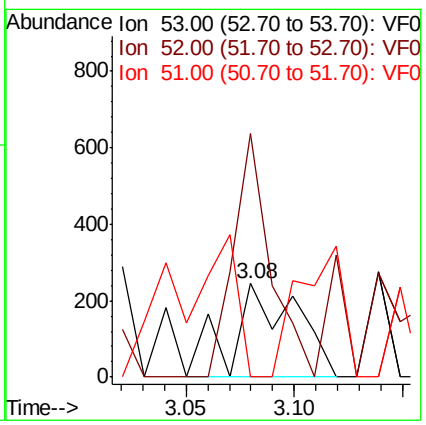


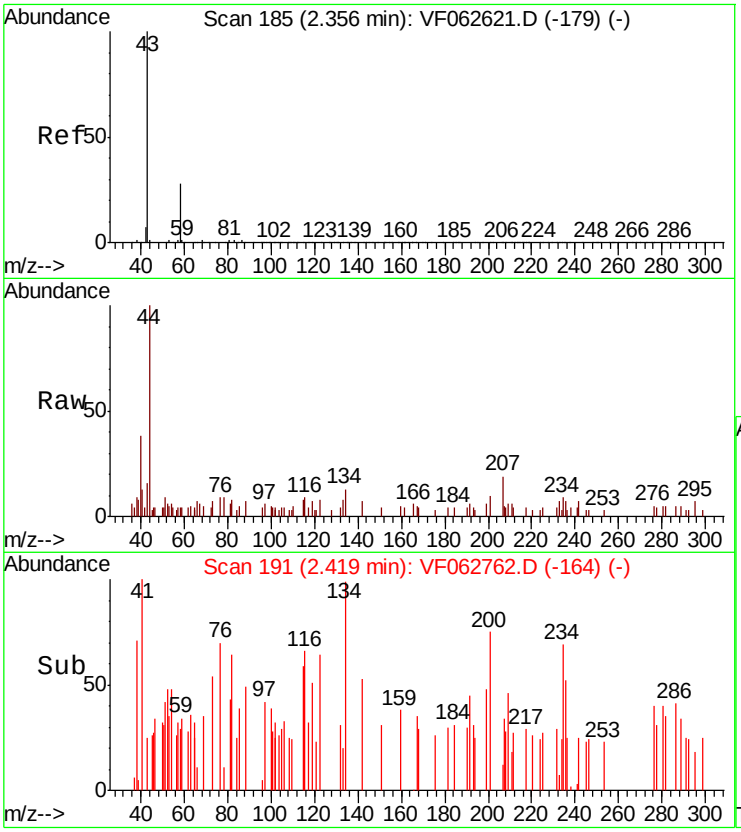


#15
Acrylonitrile
Concen: 6.713 ug/l
RT: 3.08 min Scan# 258
Delta R.T. -0.02 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 53 Resp: 510

Ion	Ratio	Lower	Upper
53	100		
52	260.0	67.3	100.9#
51	174.7	33.0	49.6#



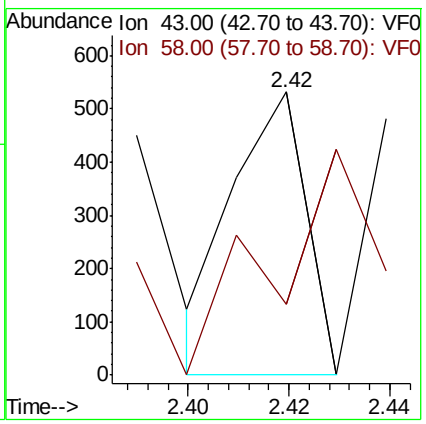


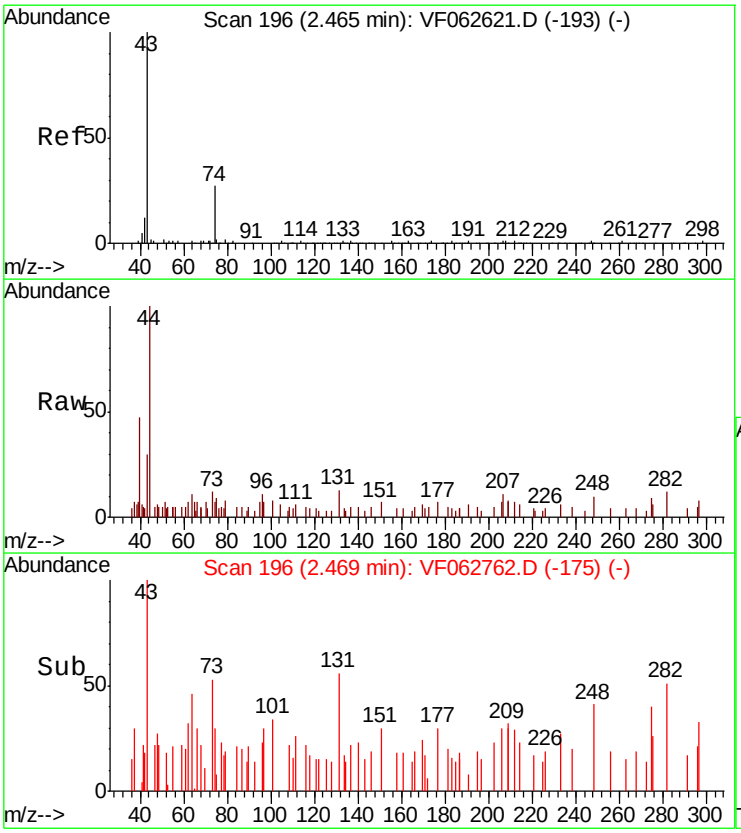
#16
Acetone
Concen: 5.055 ug/l
RT: 2.42 min Scan# 191
Delta R.T. 0.06 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 43 Resp: 535

Ion	Ratio	Lower	Upper
43	100		
58	25.2	22.6	33.8

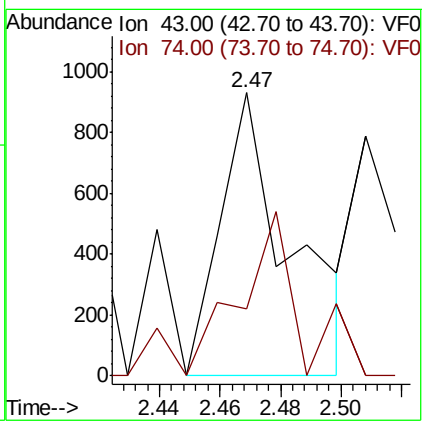


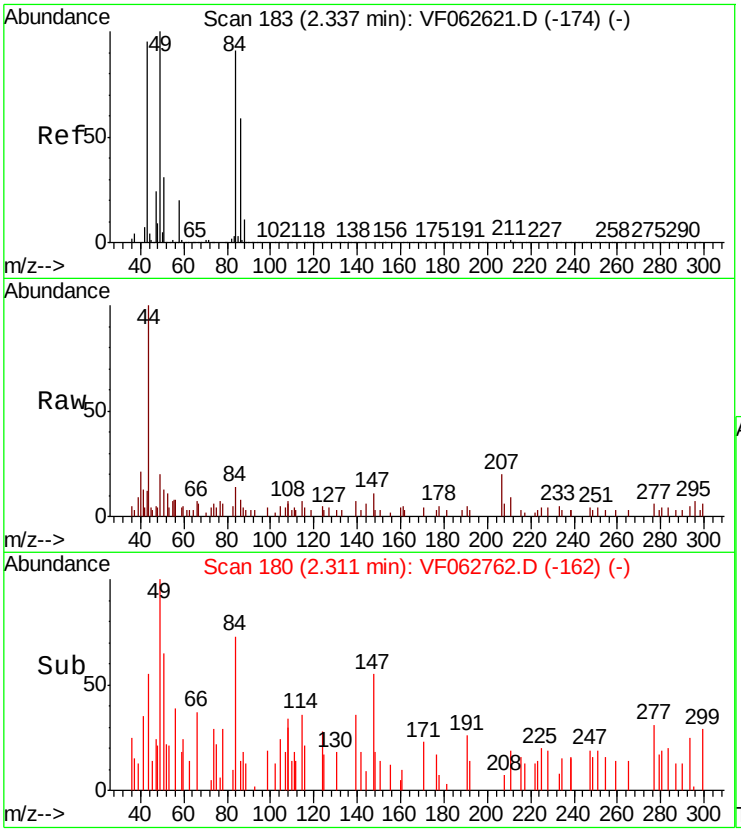


#18
Methyl Acetate
Concen: 8.971 ug/l
RT: 2.47 min Scan# 196
Delta R.T. 0.00 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 43 Resp: 1492

Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.9	28.3



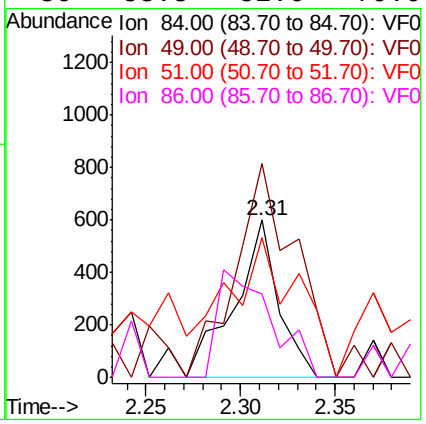


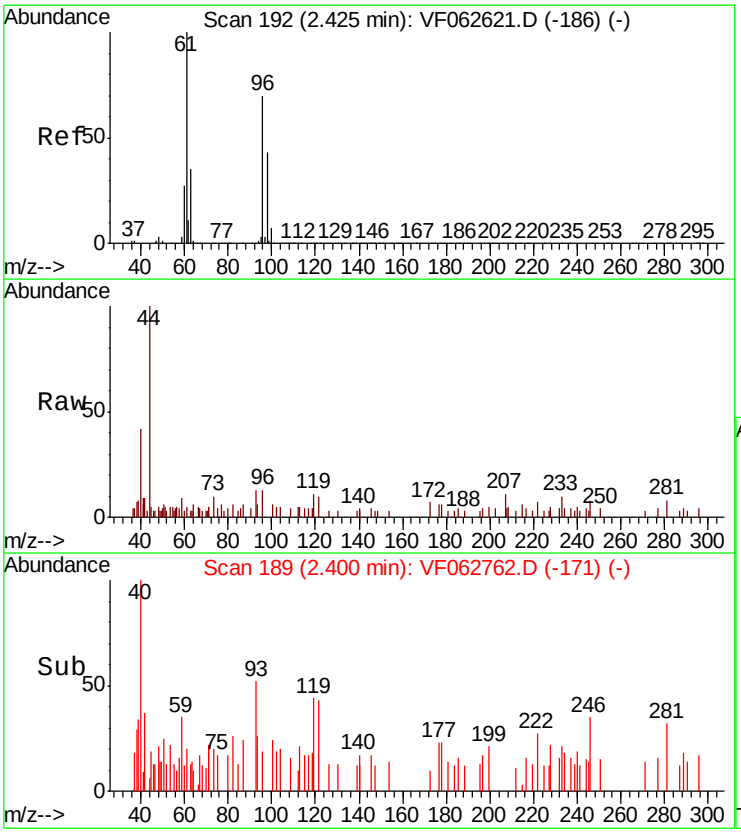
#20
Methylene Chloride
Concen: 1.815 ug/l
RT: 2.31 min Scan# 180
Delta R.T. -0.03 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 84 Resp: 963

Ion	Ratio	Lower	Upper
84	100		
49	136.1	89.8	134.8#
51	89.0	28.4	42.6#
86	53.3	52.6	79.0

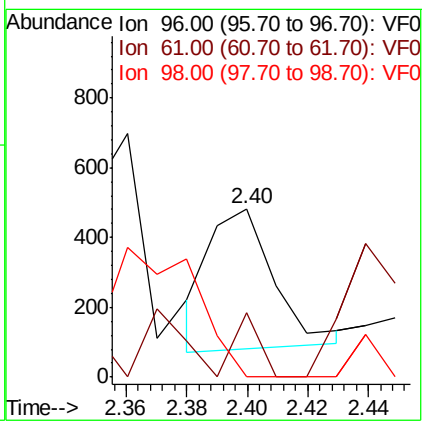


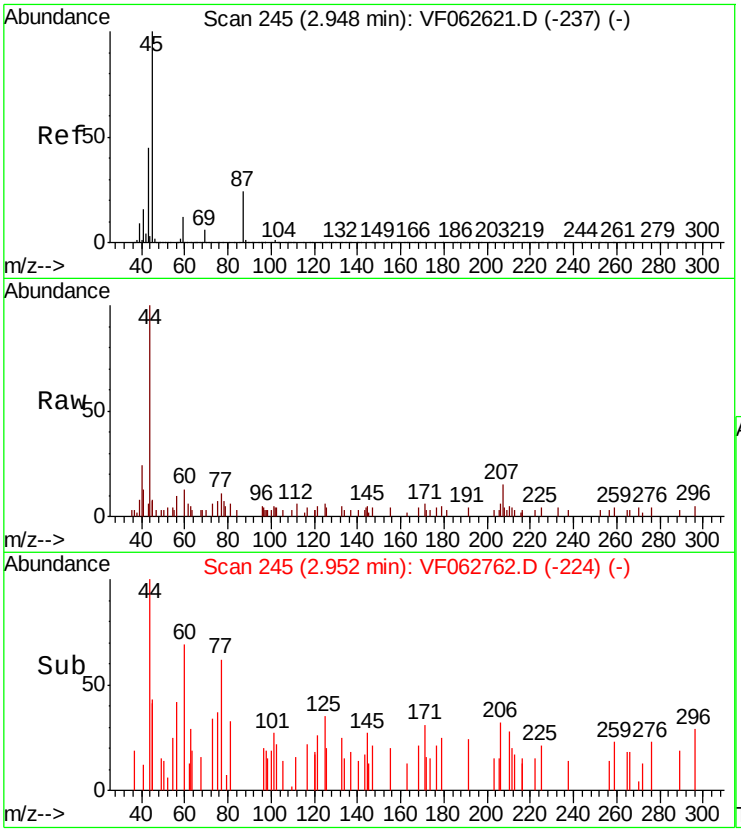


#21
trans-1,2-Dichloroethene
Concen: 1.184 ug/l
RT: 2.40 min Scan# 189
Delta R.T. -0.03 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 96 Resp: 600

Ion	Ratio	Lower	Upper
96	100		
61	38.3	114.6	171.8#
98	0.0	49.5	74.3#



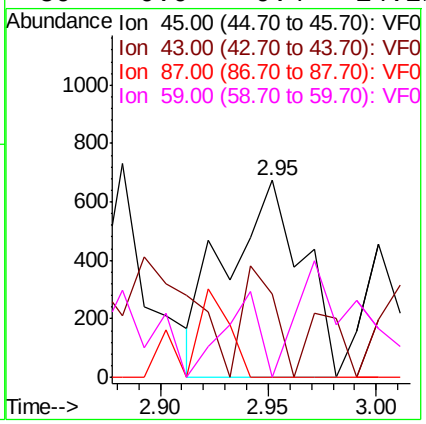


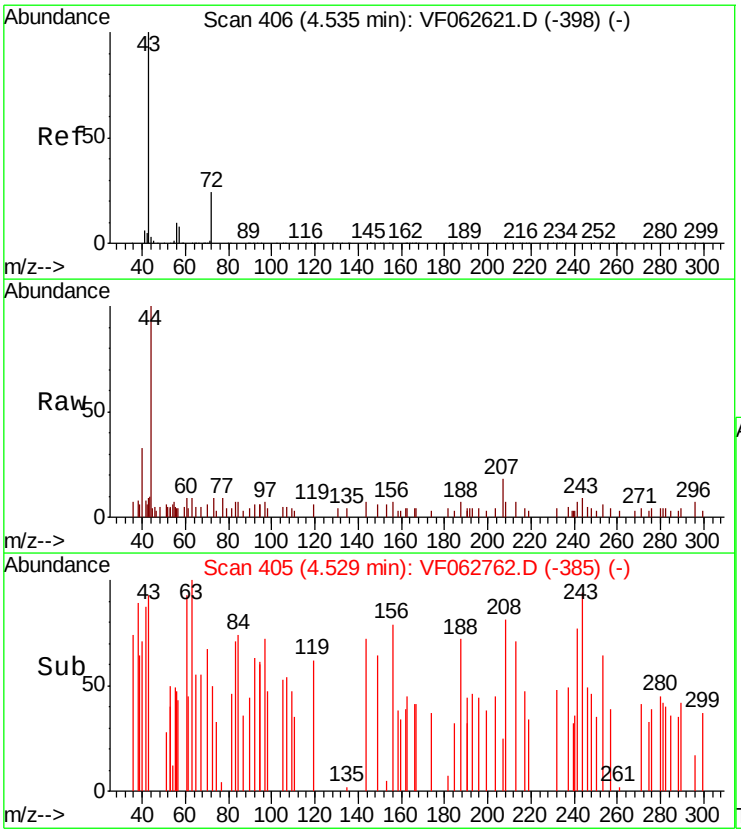
#22
Diisopropyl ether
Concen: 1.413 ug/l
RT: 2.95 min Scan# 245
Delta R.T. 0.00 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 45 Resp: 1636

Ion	Ratio	Lower	Upper
45	100		
43	42.3	36.4	54.6
87	0.0	19.3	28.9#
59	0.0	9.4	14.2#

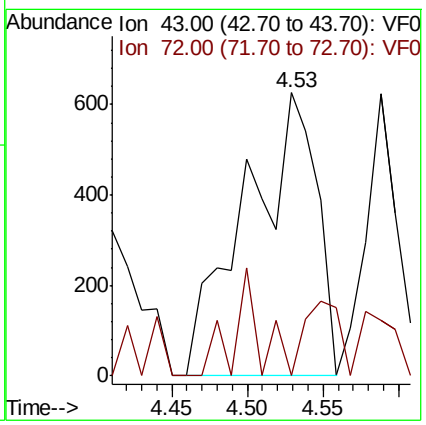


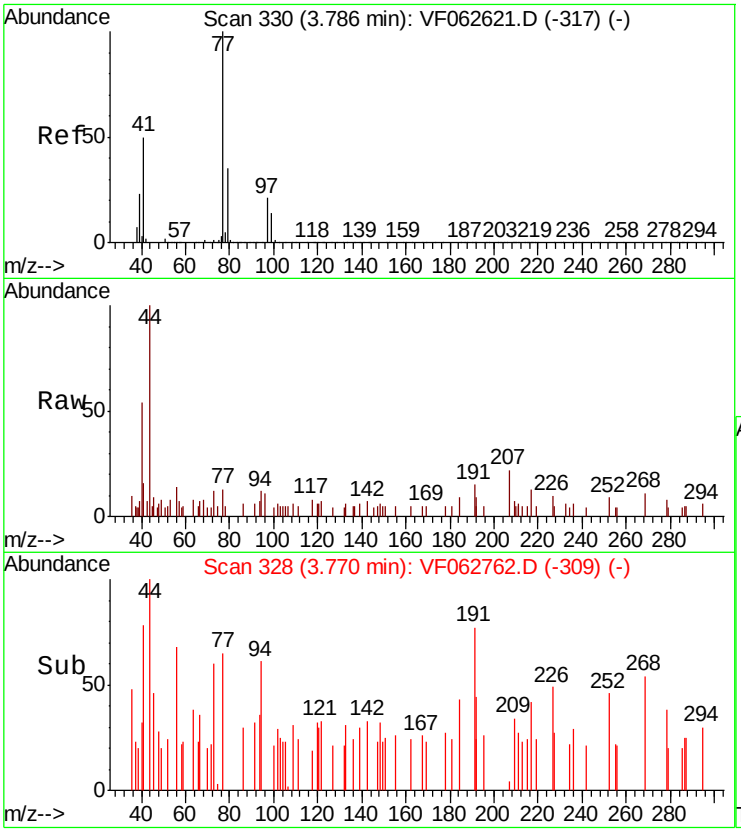


#25
2-Butanone
Concen: 8.973 ug/l
RT: 4.53 min Scan# 405
Delta R.T. -0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 43 Resp: 2029

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.1	30.1#



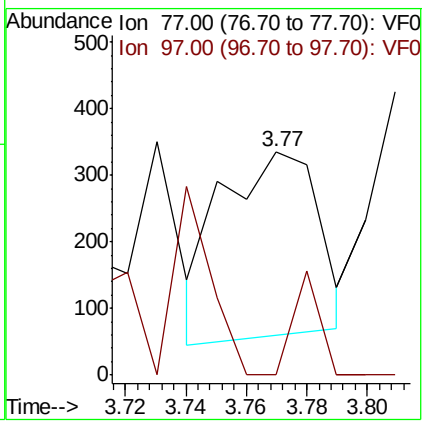


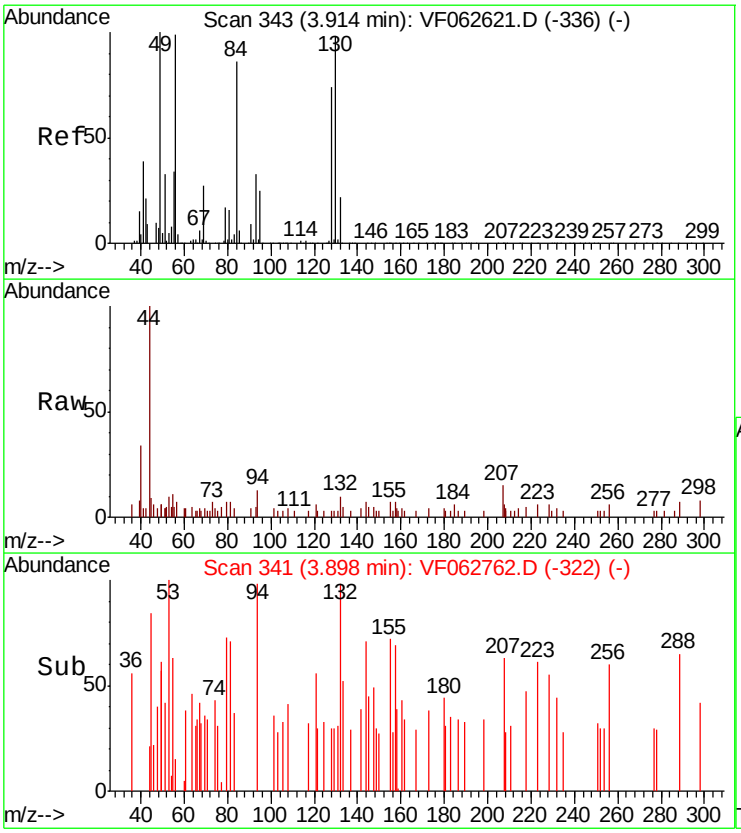
#26
2,2-Dichloropropane
Concen: 1.286 ug/l
RT: 3.77 min Scan# 328
Delta R.T. -0.02 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 77 Resp: 625

Ion	Ratio	Lower	Upper
77	100		
97	0.0	14.1	42.4#

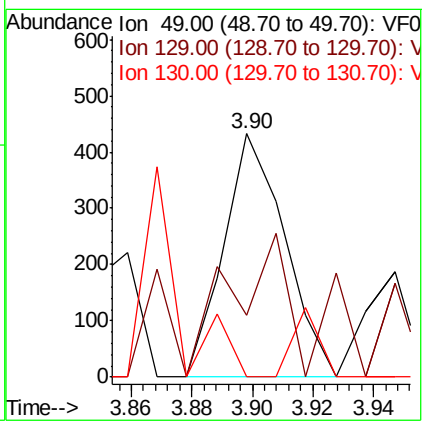


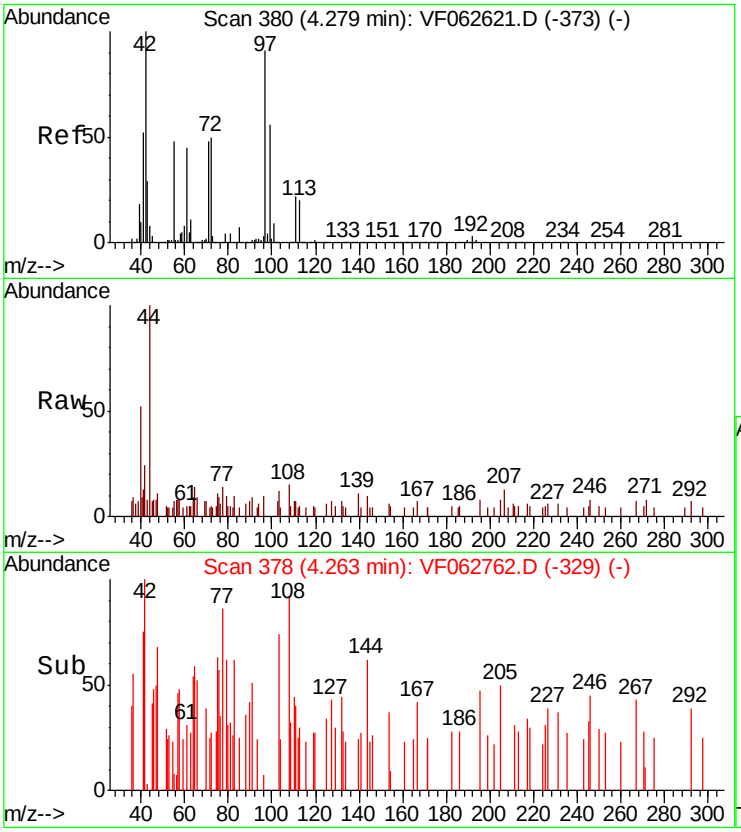


#28
Bromochloromethane
Concen: 1.281 ug/l
RT: 3.90 min Scan# 341
Delta R.T. -0.02 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 49 Resp: 610

Ion	Ratio	Lower	Upper
49	100		
129	25.2	0.0	4.0#
130	0.0	77.8	116.8#



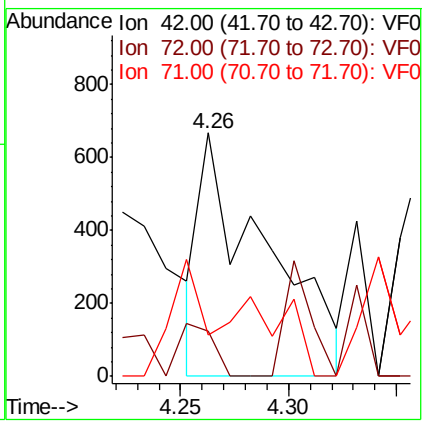


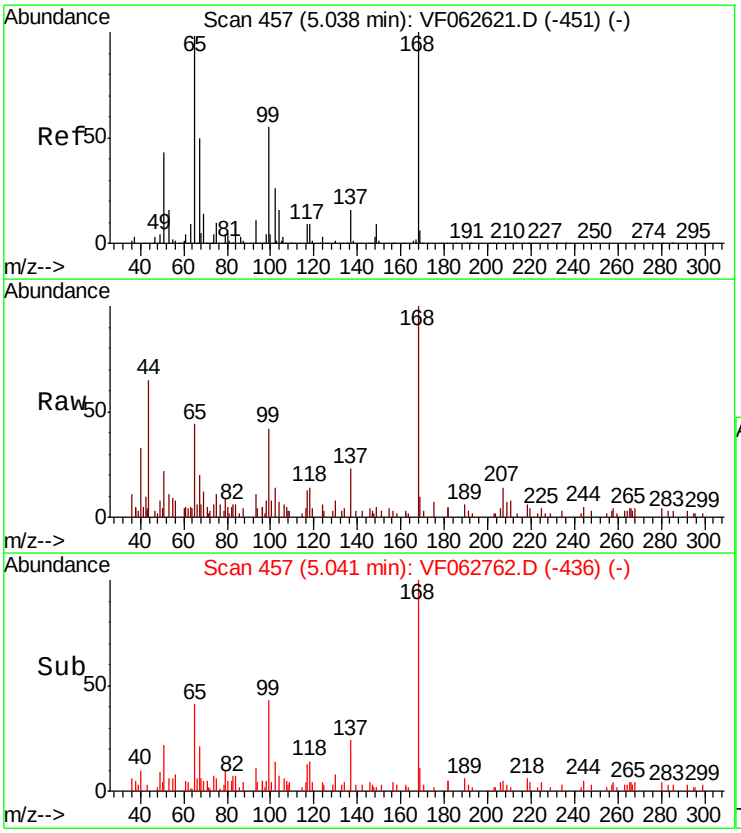
#29
Tetrahydrofuran
Concen: 15.606 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.02 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 42 Resp: 1428

Ion	Ratio	Lower	Upper
42	100		
72	11.1	38.2	57.2#
71	29.6	35.8	53.6#

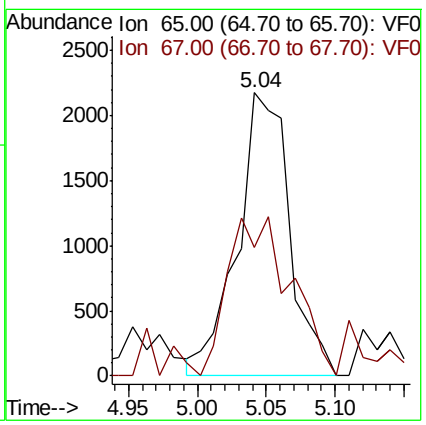


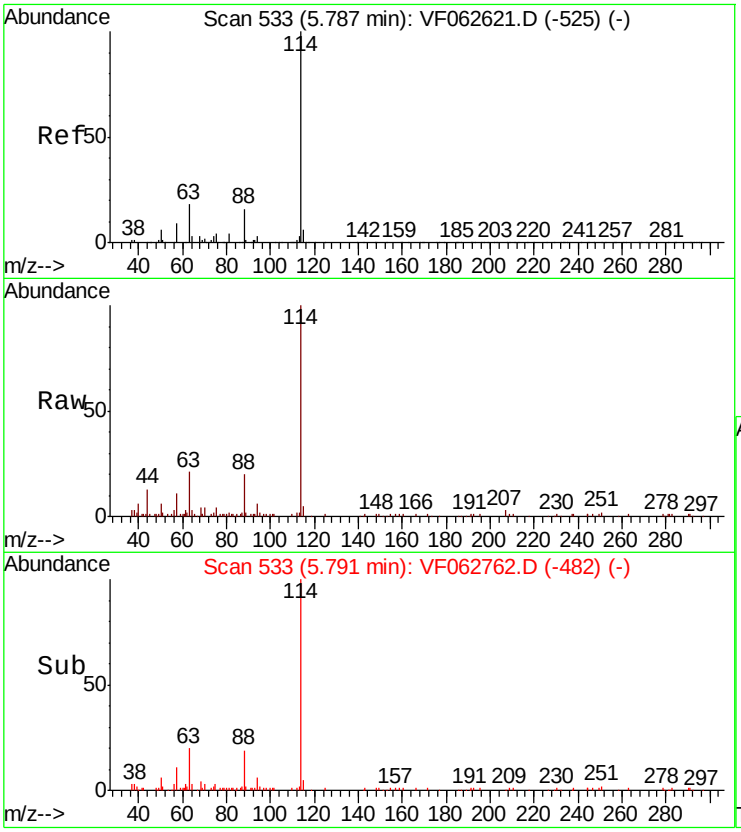


#33
1,2-Dichloroethane-d4
Concen: 14.063 ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.00 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 65 Resp: 5737

Ion	Ratio	Lower	Upper
65	100		
67	45.5	0.0	117.6



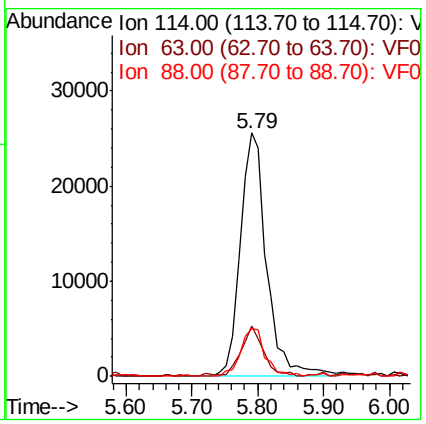


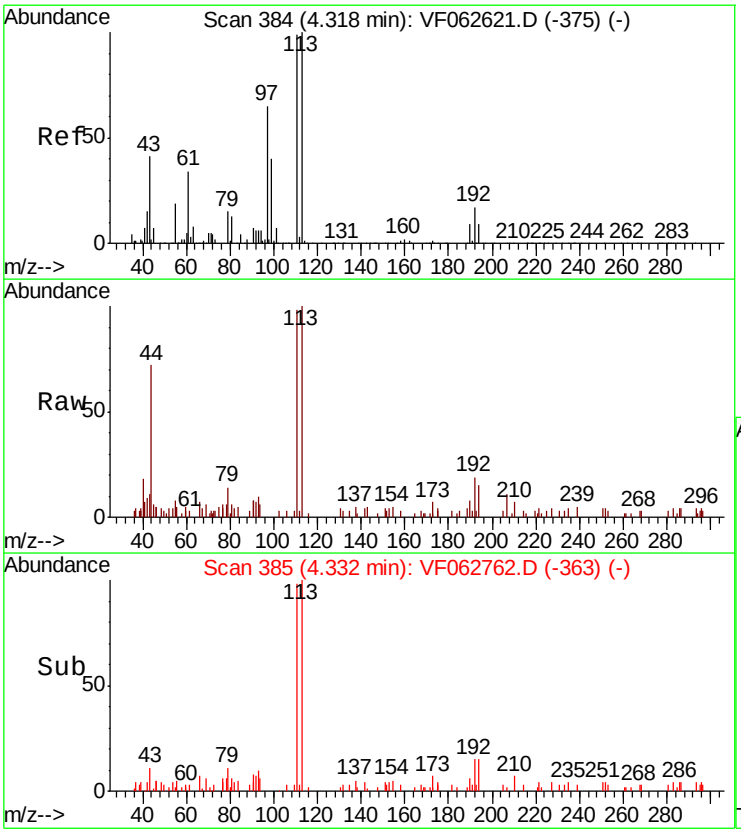
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.00 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion:114 Resp: 71942

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	35.4
88	19.9	0.0	32.4

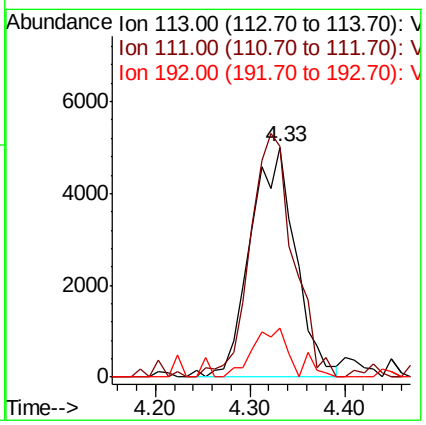


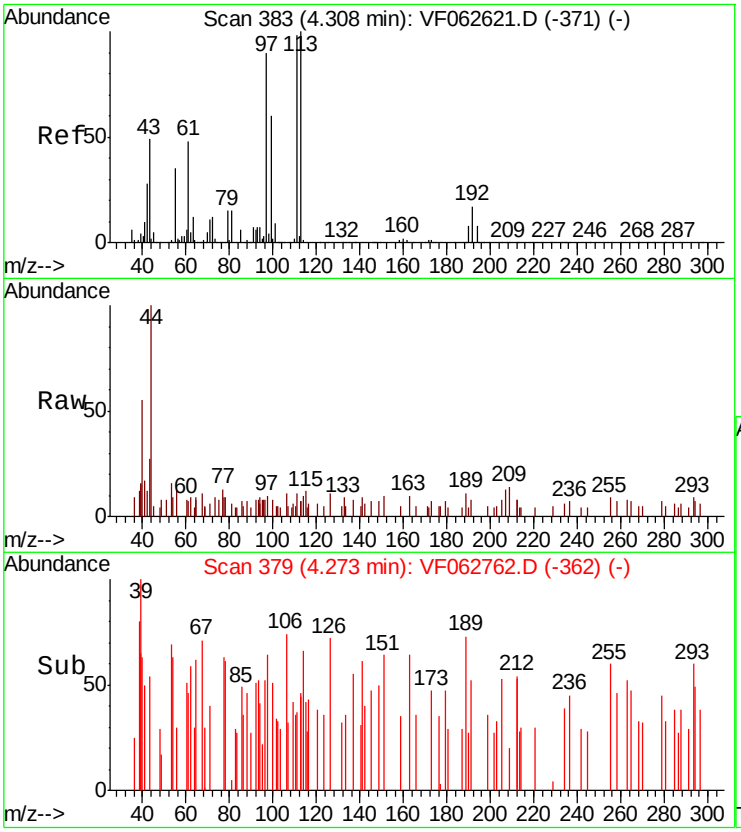


#35
Dibromofluoromethane
Concen: 30.183 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion:113 Resp: 16616

Ion	Ratio	Lower	Upper
113	100		
111	100.6	79.4	119.2
192	21.3	13.4	20.2#



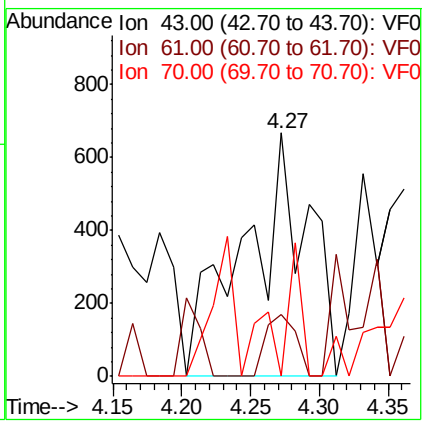


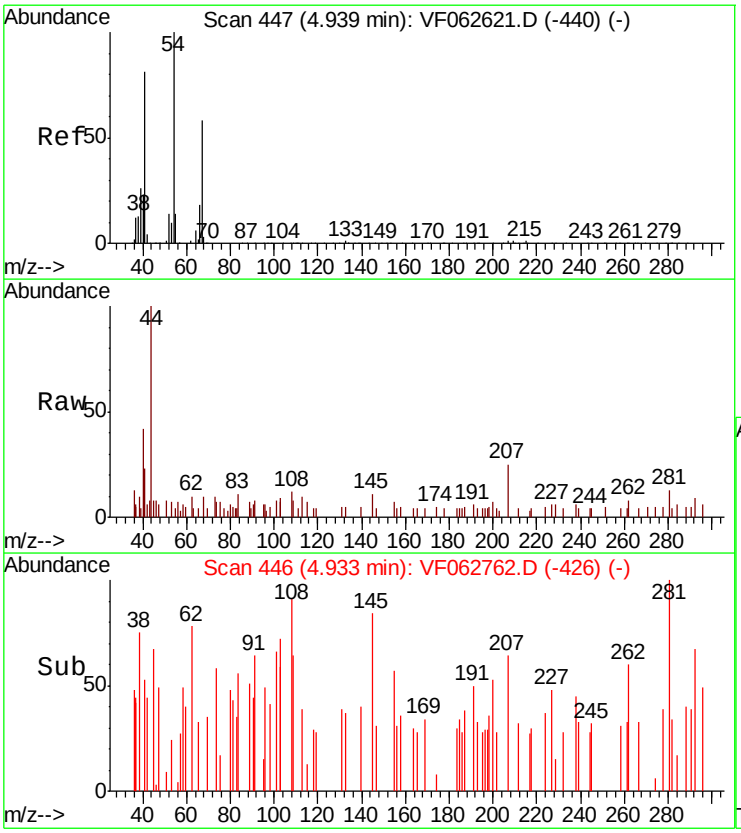
#37
Ethyl Acetate
Concen: 7.196 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.04 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 43 Resp: 2166

Ion	Ratio	Lower	Upper
43	100		
61	25.3	76.9	115.3#
70	0.0	8.8	13.2#

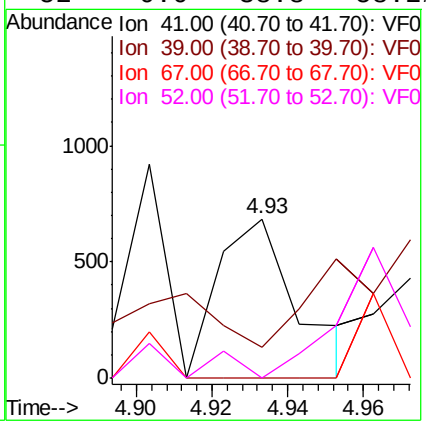


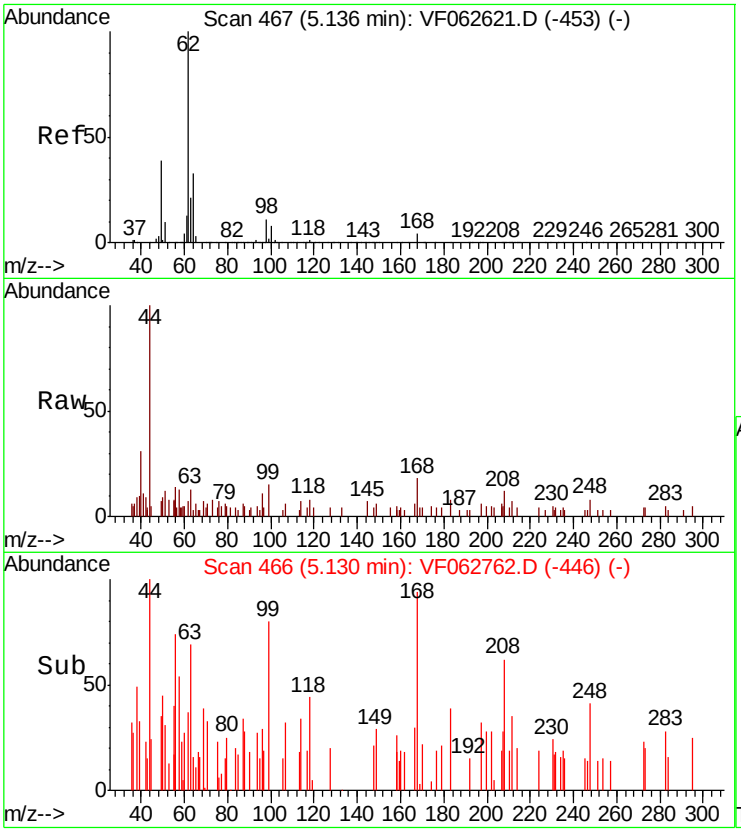


#41
Methacrylonitrile
Concen: 6.318 ug/l
RT: 4.93 min Scan# 446
Delta R.T. -0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 41 Resp: 997

Ion	Ratio	Lower	Upper
41	100		
39	19.3	42.2	63.2#
67	0.0	56.4	84.6#
52	0.0	38.8	58.2#



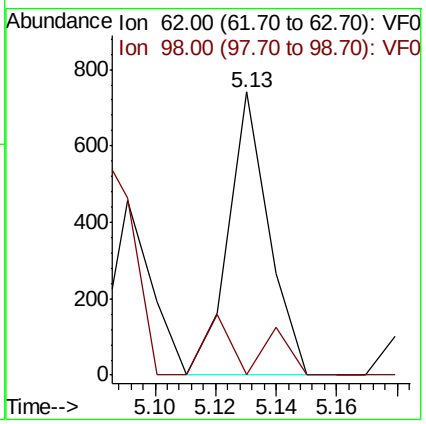


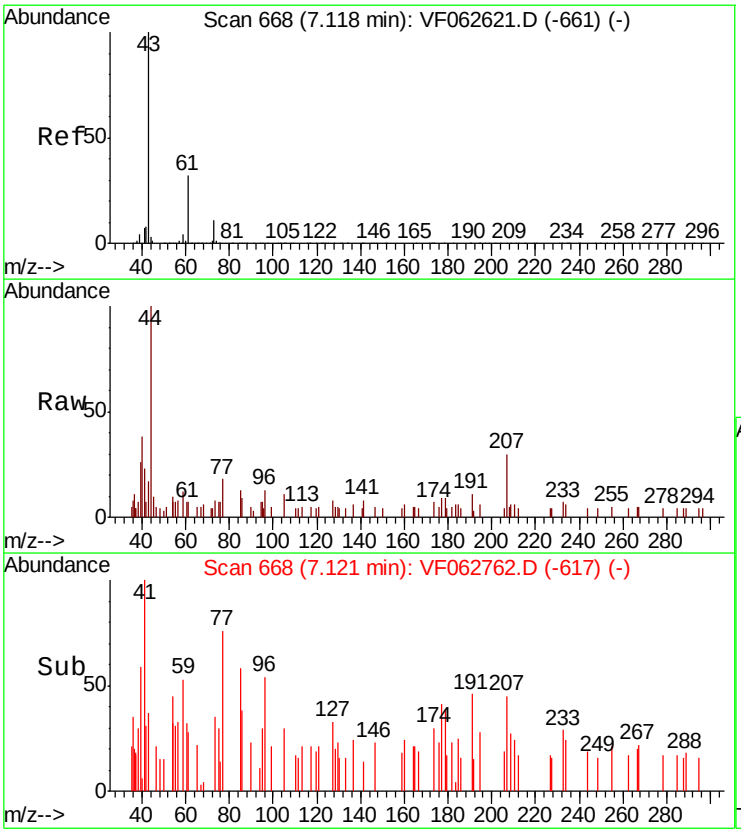
#42
1,2-Dichloroethane
Concen: 1.725 ug/l
RT: 5.13 min Scan# 466
Delta R.T. -0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 62 Resp: 691

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	21.6

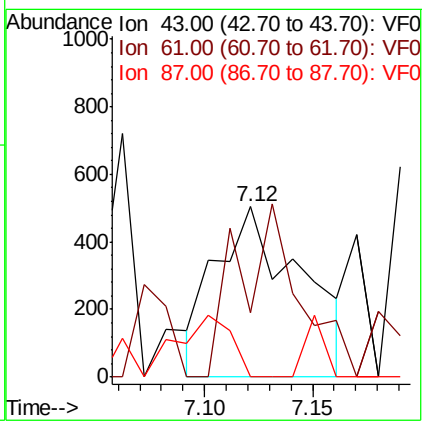


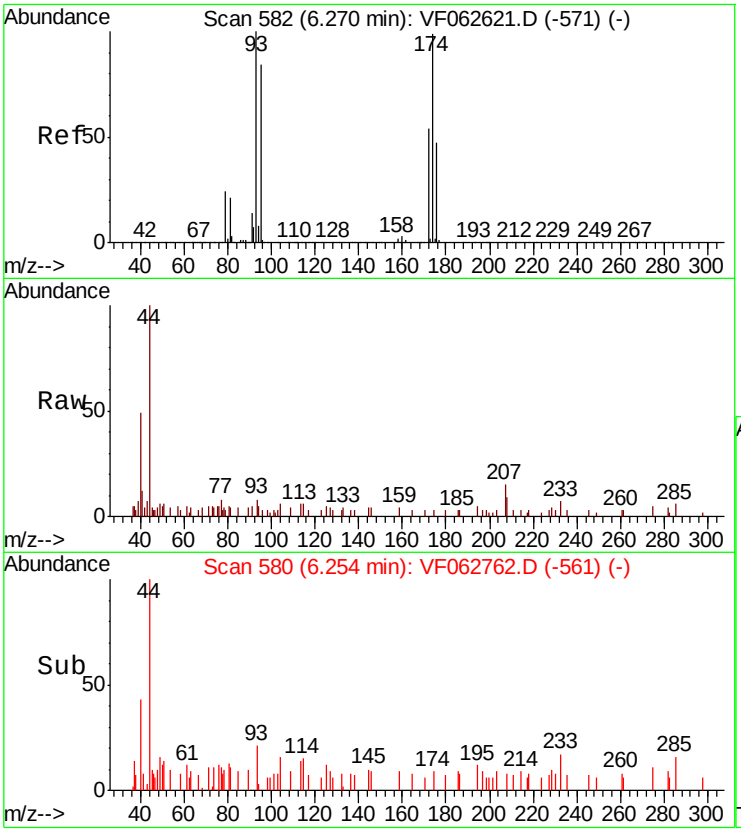


#43
Isopropyl Acetate
Concen: 3.562 ug/l
RT: 7.12 min Scan# 668
Delta R.T. 0.00 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 43 Resp: 1389

Ion	Ratio	Lower	Upper
43	100		
61	38.1	25.8	38.8
87	0.0	0.4	0.6#



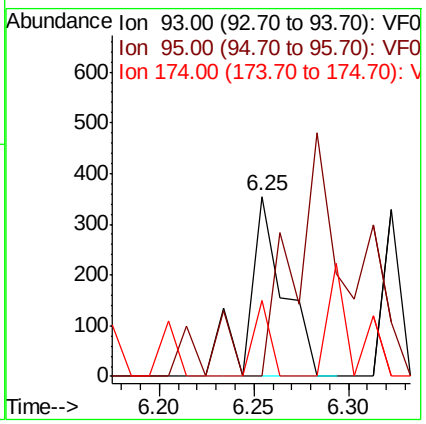


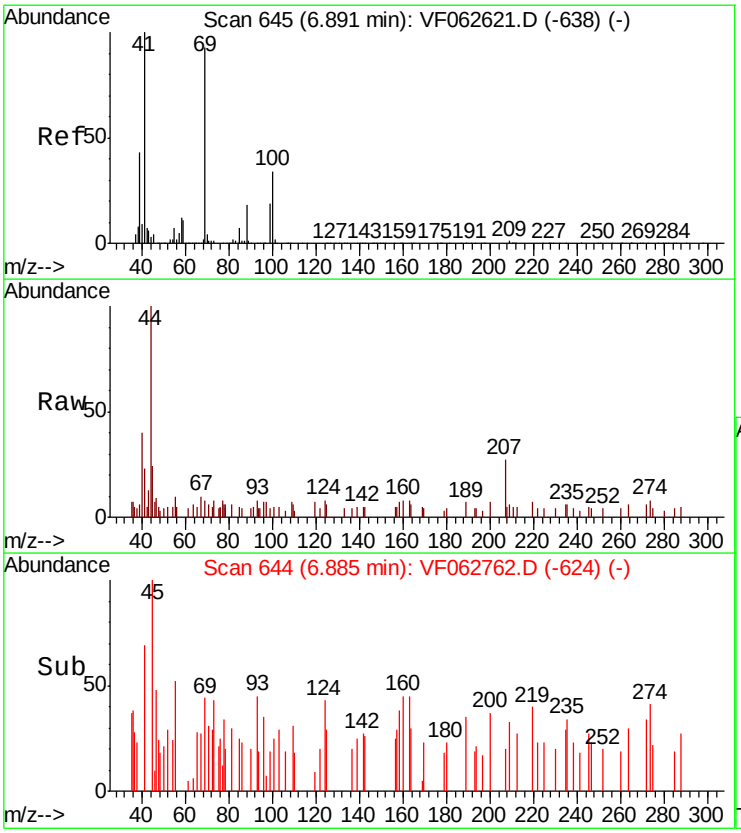
#46
Dibromomethane
Concen: 1.608 ug/l
RT: 6.25 min Scan# 580
Delta R.T. -0.02 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 93 Resp: 471

Ion	Ratio	Lower	Upper
93	100		
95	0.0	67.4	101.2#
174	42.5	79.4	119.2#

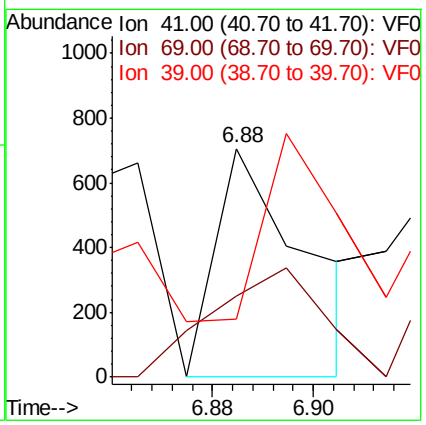


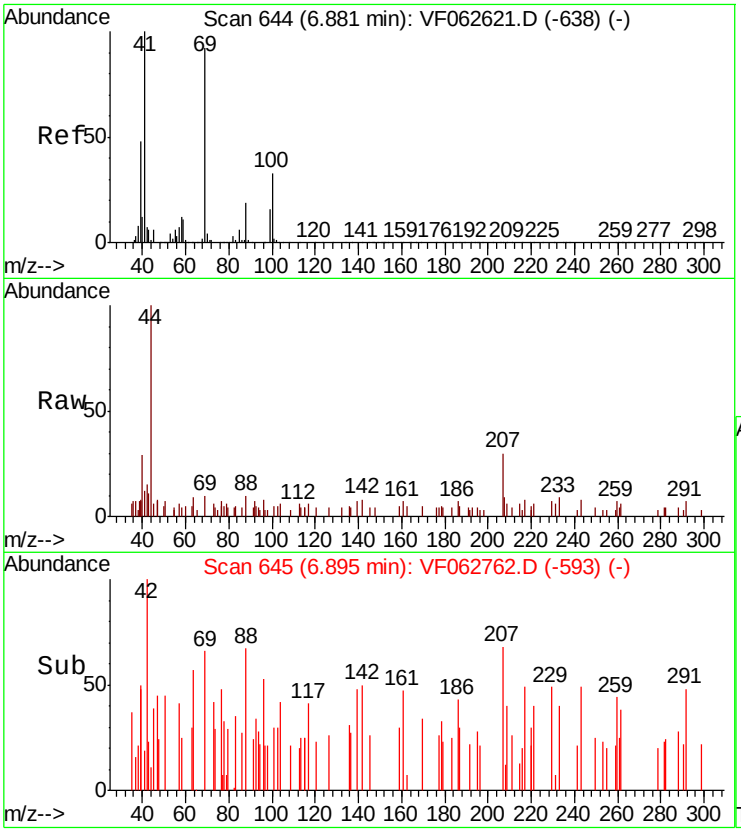


#48
Methyl methacrylate
Concen: 4.254 ug/l
RT: 6.88 min Scan# 644
Delta R.T. -0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 41 Resp: 867

Ion	Ratio	Lower	Upper
41	100		
69	35.7	74.2	111.2#
39	25.5	34.2	51.4#



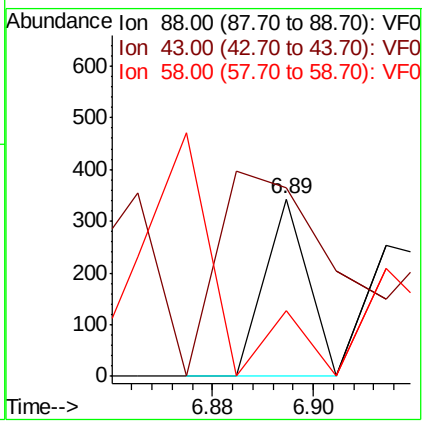


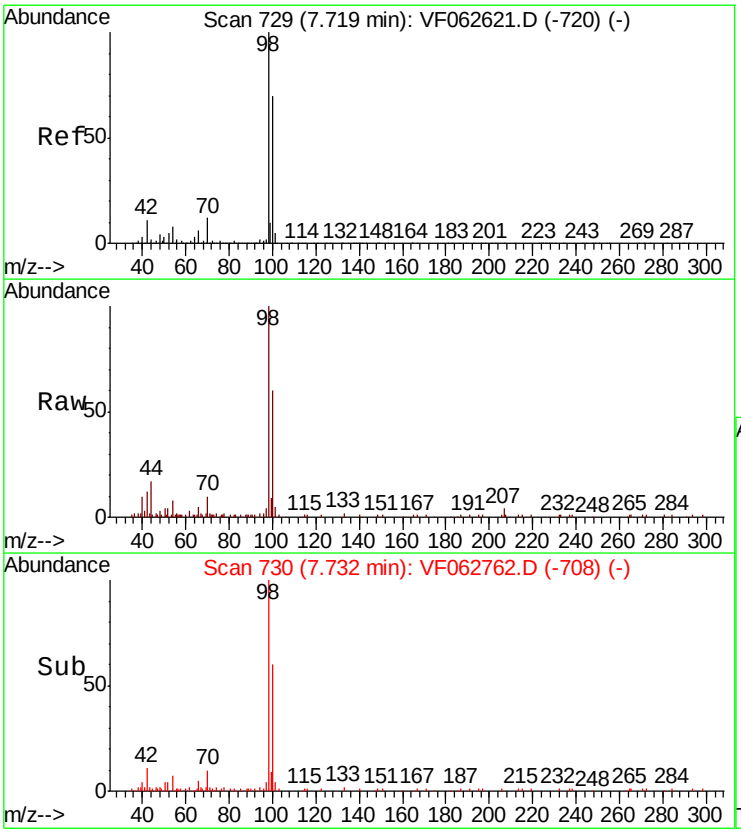
#49
1,4-Dioxane
Concen: 77.763 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 88 Resp: 203

Ion	Ratio	Lower	Upper
88	100		
43	106.4	30.0	45.0#
58	37.0	51.1	76.7#

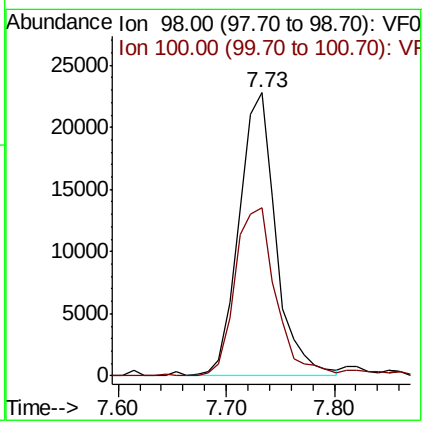


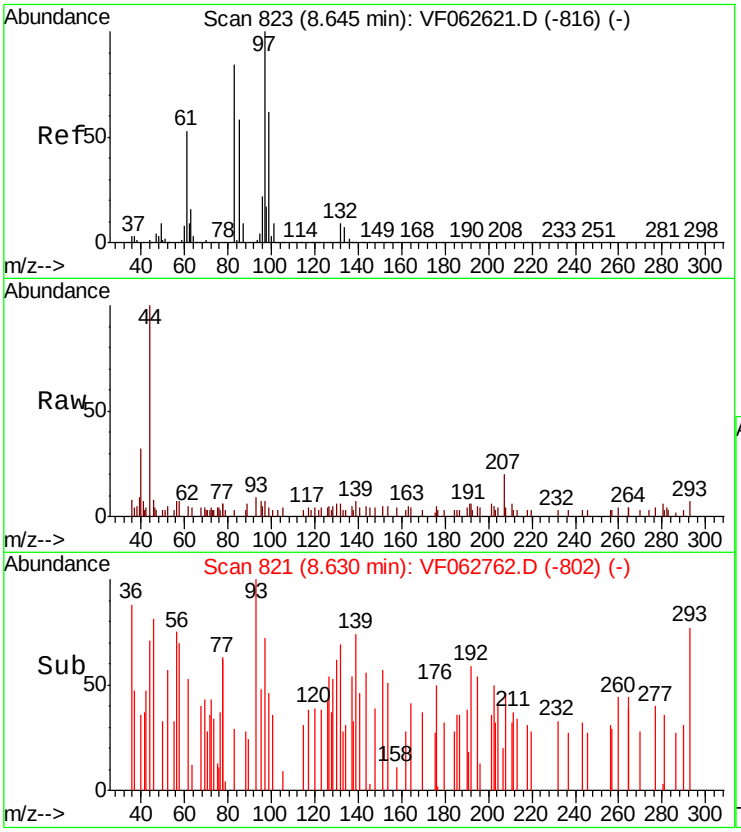


#50
Toluene-d8
Concen: 41.058 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 98 Resp: 53966

Ion	Ratio	Lower	Upper
98	100		
100	59.6	56.2	84.2



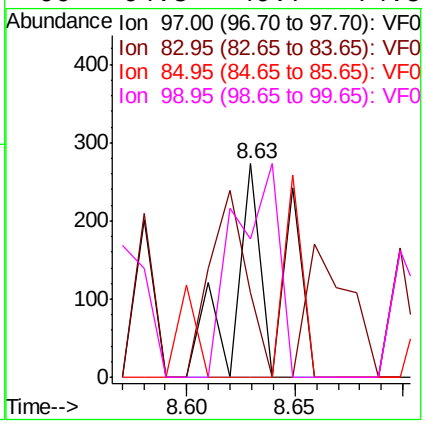


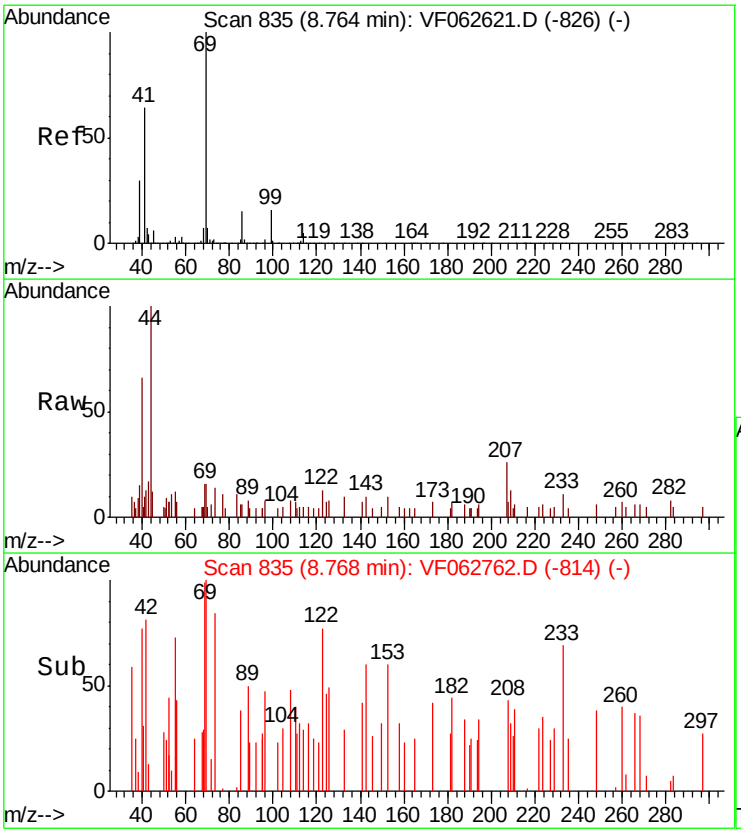
#55
1,1,2-Trichloroethane
Concen: 1.206 ug/l
RT: 8.63 min Scan# 821
Delta R.T. -0.02 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 97 Resp: 376

Ion	Ratio	Lower	Upper
97	100		
83	39.9	67.3	100.9#
85	0.0	46.6	69.8#
99	64.8	49.7	74.5

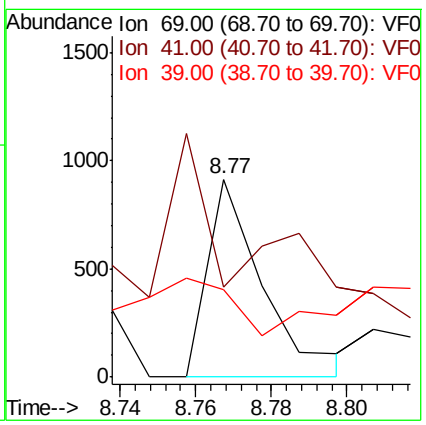


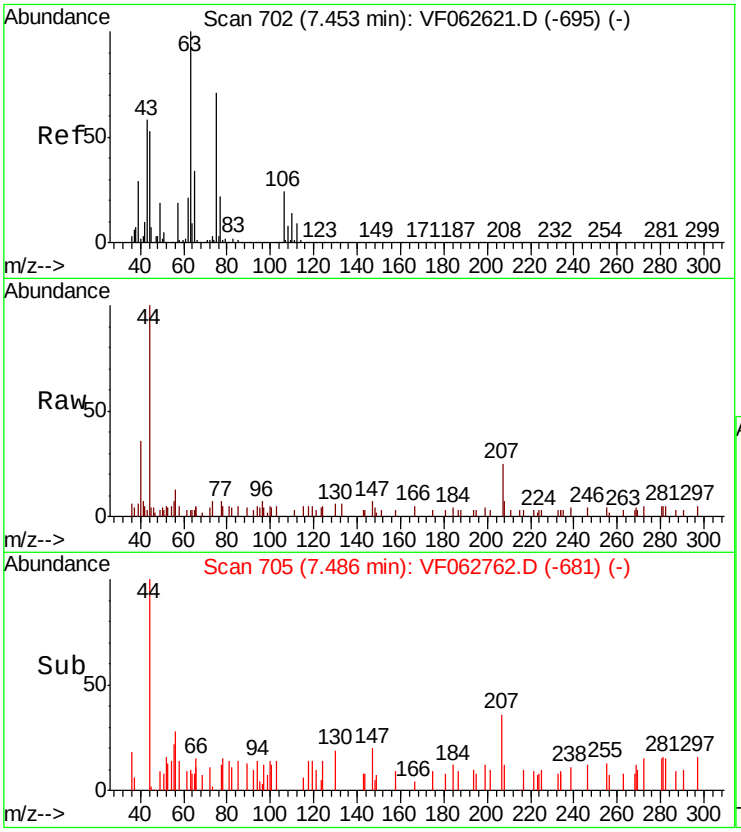


#56
Ethyl methacrylate
Concen: 2.484 ug/l
RT: 8.77 min Scan# 835
Delta R.T. 0.00 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 69 Resp: 923

Ion	Ratio	Lower	Upper
69	100		
41	45.7	51.4	77.2#
39	44.5	23.6	35.4#



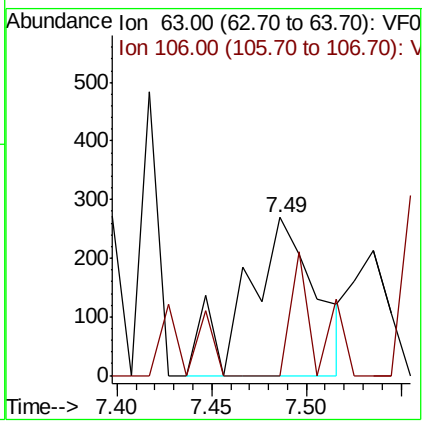


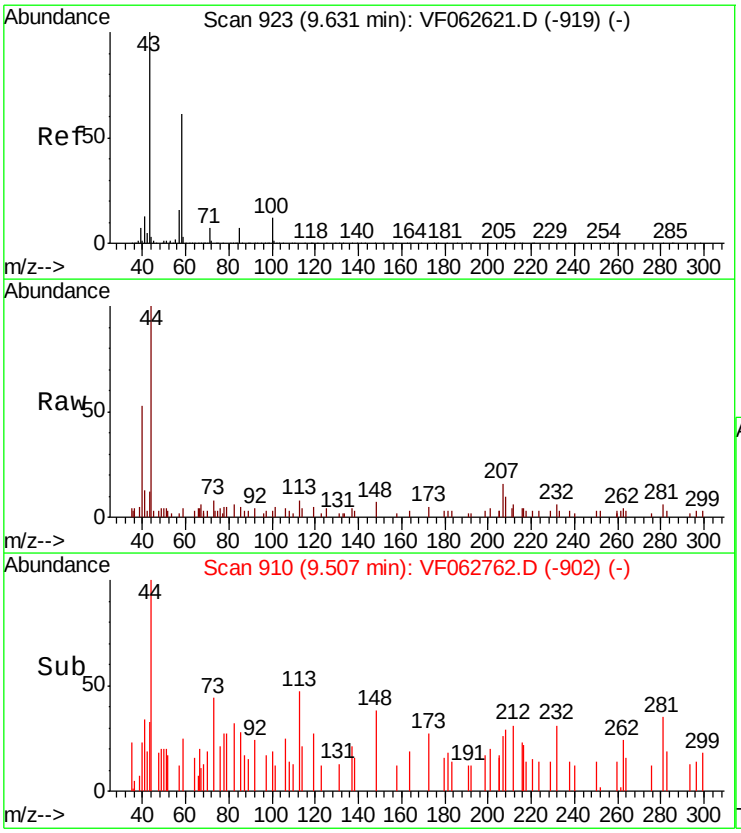
#58
2-Chloroethyl Vinyl ether
Concen: 5.747 ug/l
RT: 7.49 min Scan# 705
Delta R.T. 0.03 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 63 Resp: 695

Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.1	28.7#

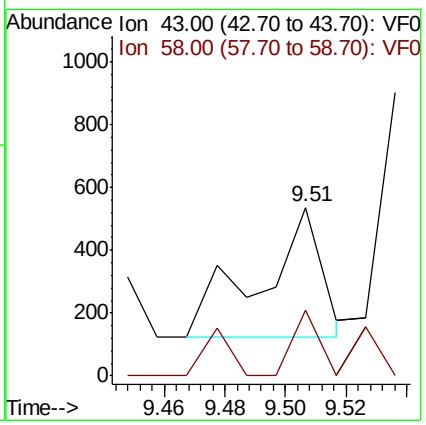


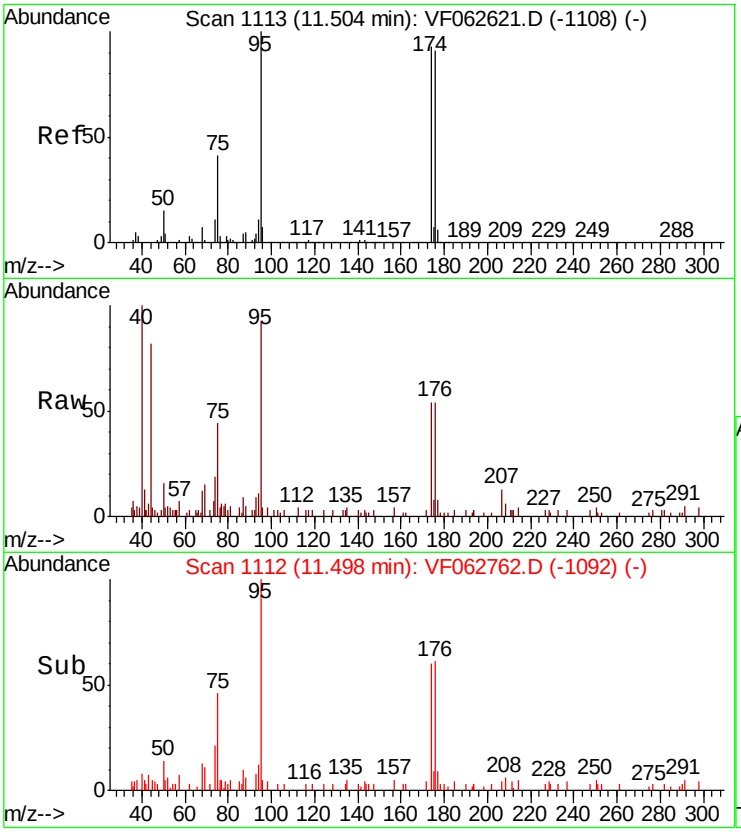


#59
2-Hexanone
Concen: Below Cal
RT: 9.51 min Scan# 910
Delta R.T. -0.12 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 43 Resp: 584

Ion	Ratio	Lower	Upper
43	100		
58	38.9	28.1	84.4



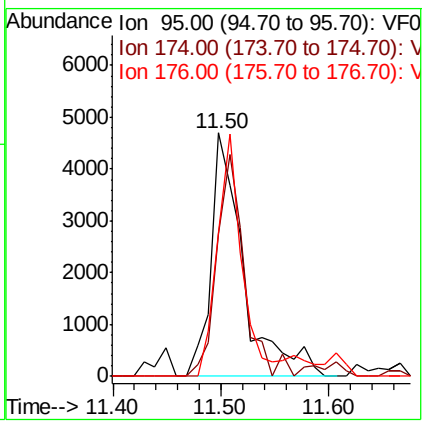


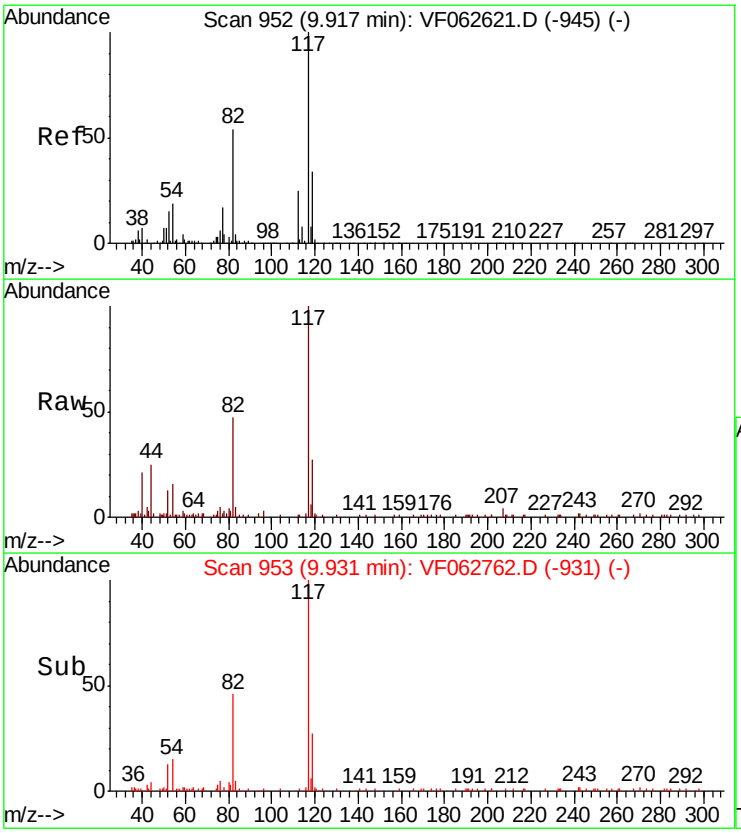
#62
4-Bromofluorobenzene
Concen: 19.693 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 95 Resp: 9817

Ion	Ratio	Lower	Upper
95	100		
174	58.7	0.0	185.6
176	58.9	0.0	182.4

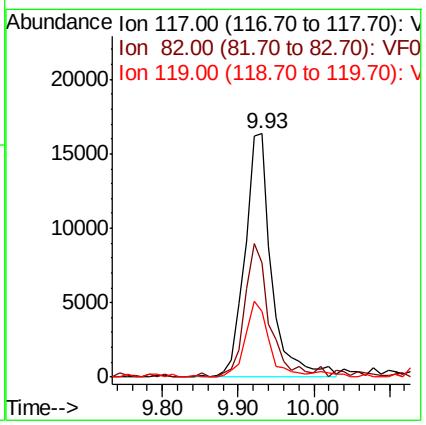


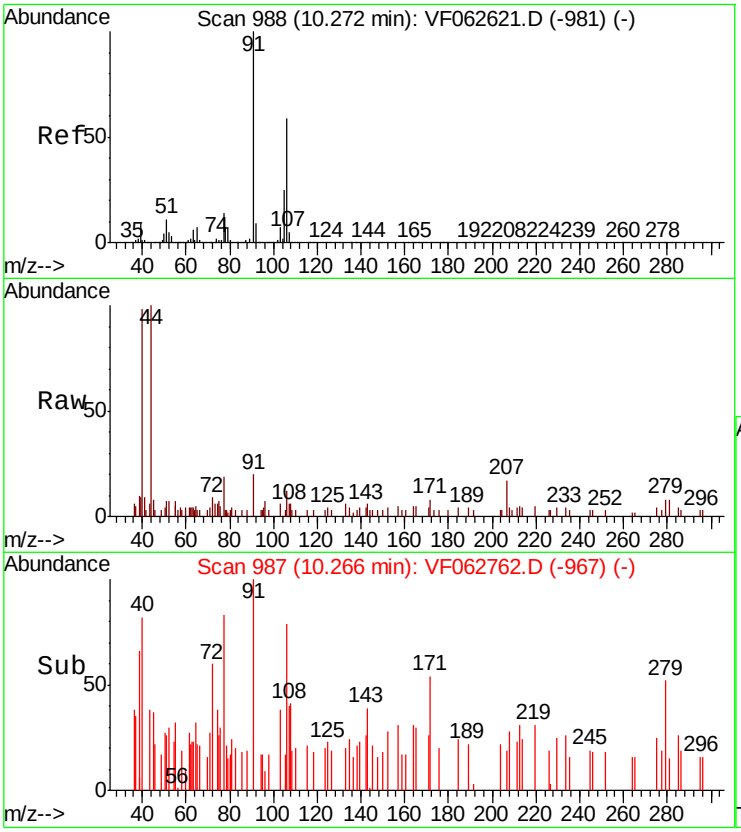


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion:117 Resp: 40193

Ion	Ratio	Lower	Upper
117	100		
82	46.9	43.3	64.9
119	26.9	27.4	41.0#



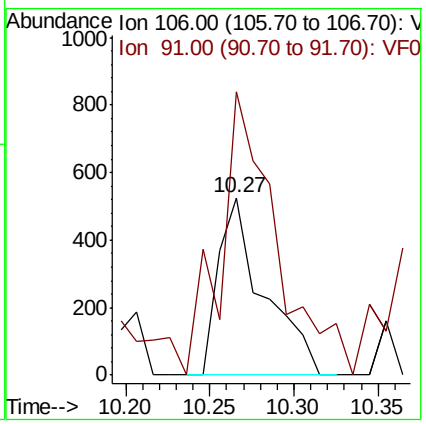


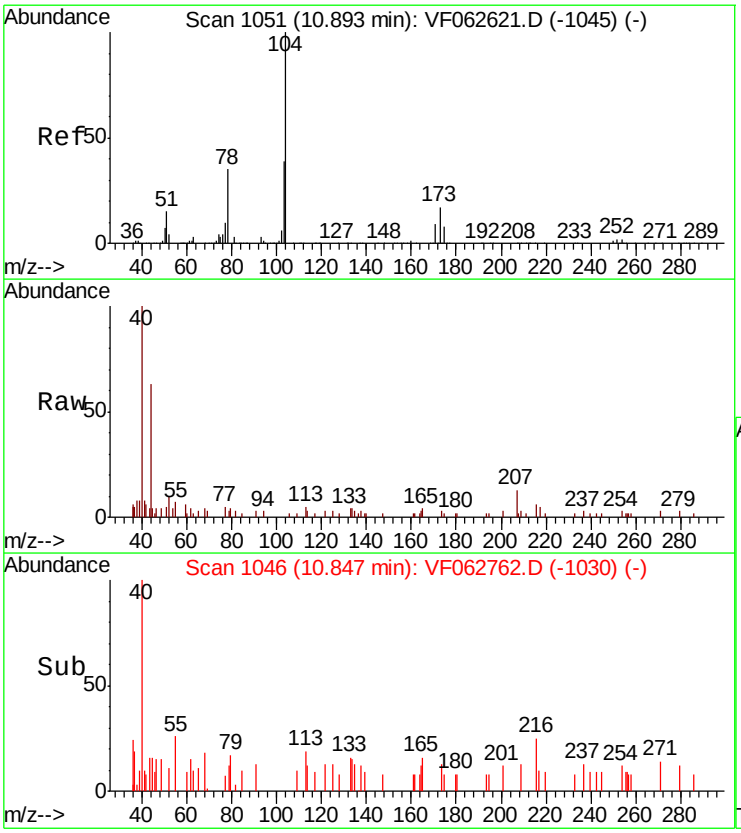
#68
m/p-Xylenes
Concen: 1.899 ug/l
RT: 10.27 min Scan# 987
Delta R.T. -0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion:106 Resp: 979

Ion	Ratio	Lower	Upper
106	100		
91	159.6	136.9	205.3

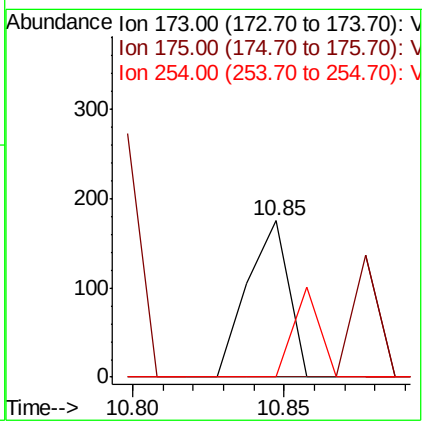


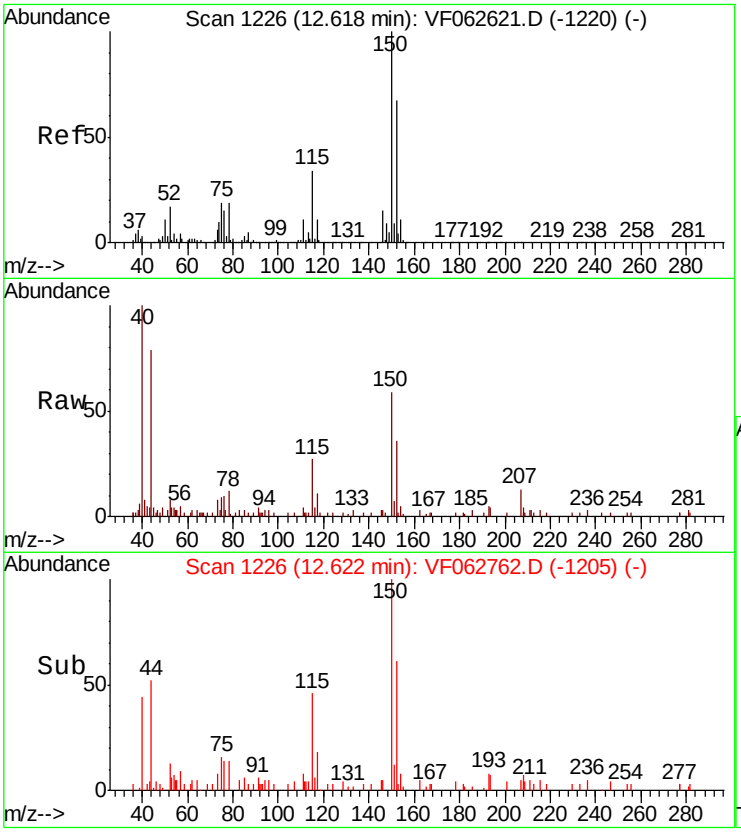


#71
Bromoform
Concen: 1.046 ug/l
RT: 10.85 min Scan# 1046
Delta R.T. -0.05 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion:173 Resp: 166

Ion	Ratio	Lower	Upper
173	100		
175	0.0	25.3	75.9#
254	0.0	0.2	0.2#



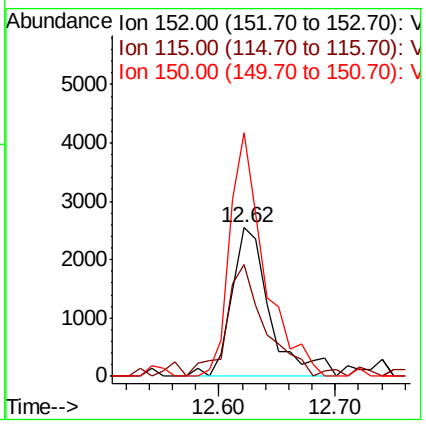


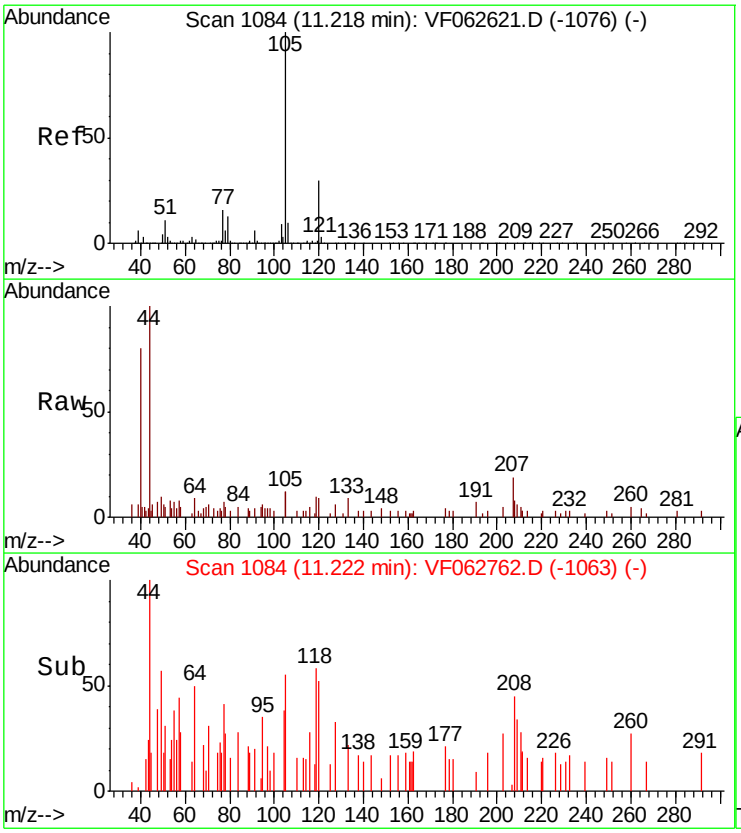
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion:152 Resp: 5773

Ion	Ratio	Lower	Upper
152	100		
115	75.5	25.2	75.6
150	164.0	0.0	306.2

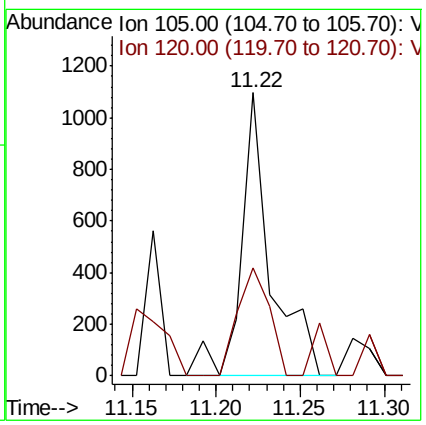


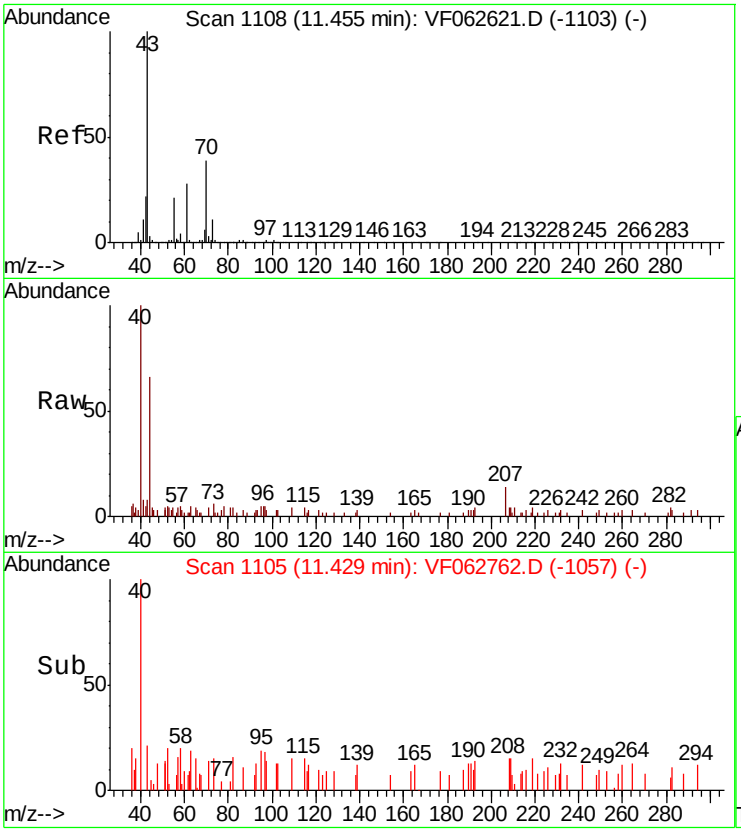


#73
Isopropylbenzene
Concen: 3.227 ug/l
RT: 11.22 min Scan# 1084
Delta R.T. 0.00 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion:105 Resp: 1335

Ion	Ratio	Lower	Upper
105	100		
120	38.1	14.8	44.4



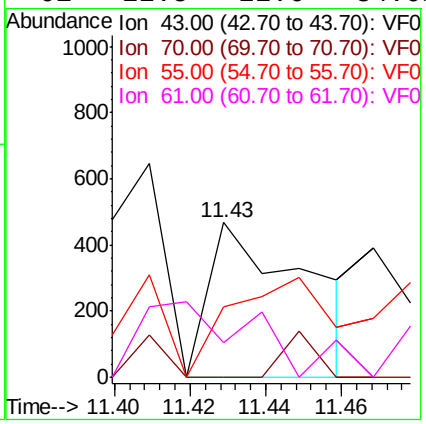


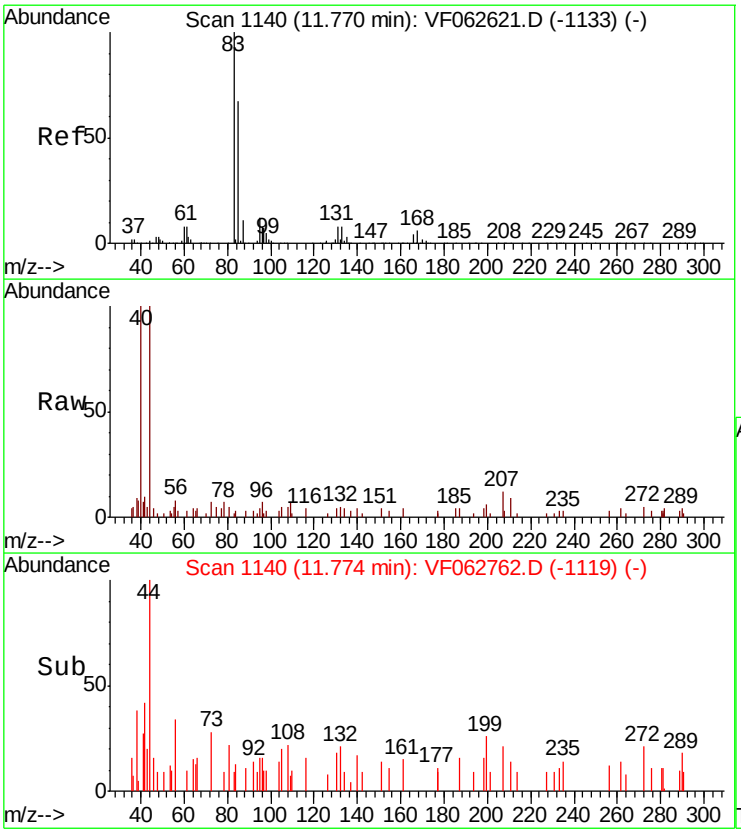
#74
N-amyl acetate
Concen: 2.810 ug/l
RT: 11.43 min Scan# 1105
Delta R.T. -0.03 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 43 Resp: 832

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.9	46.3#
55	45.8	17.0	25.4#
61	22.5	22.6	34.0#

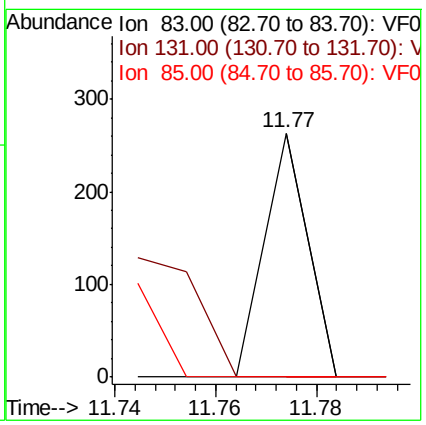


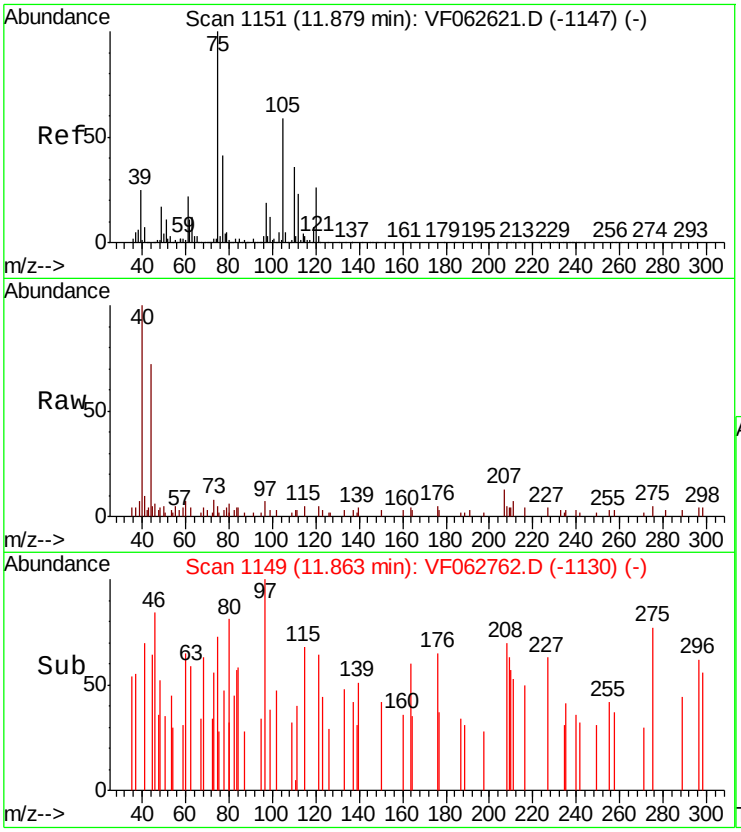


#75
1,1,2,2-Tetrachloroethane
Concen: 1.845 ug/l
RT: 11.77 min Scan# 1140
Delta R.T. 0.00 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 83 Resp: 156

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.0	12.0#
85	0.0	33.5	100.5#



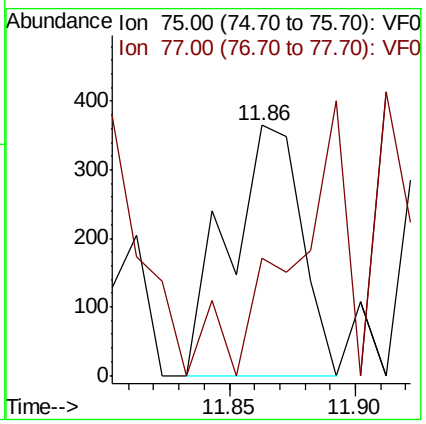


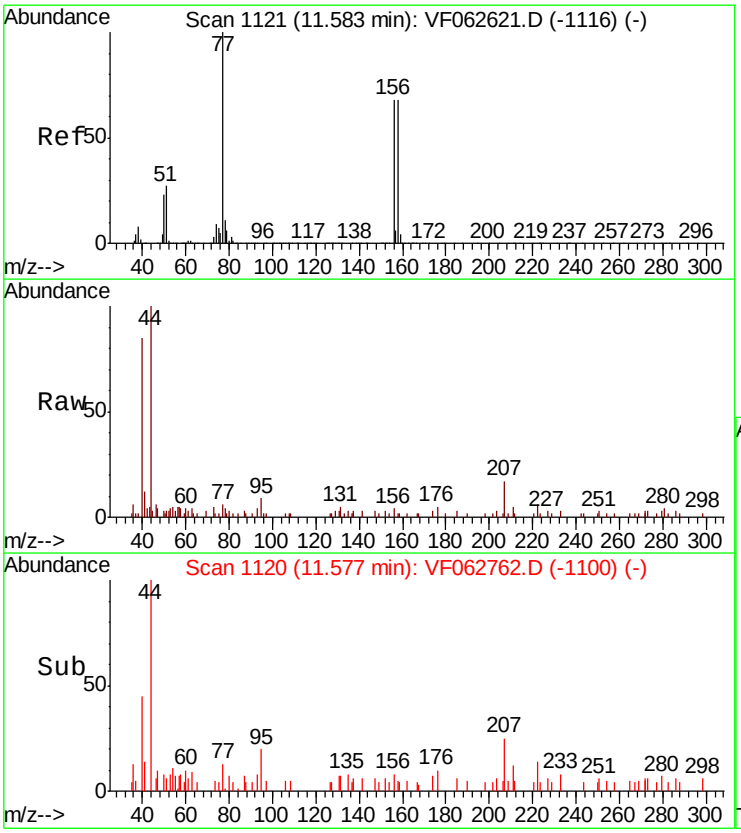
#76
1,2,3-Trichloropropane
Concen: 13.193 ug/l
RT: 11.86 min Scan# 1149
Delta R.T. -0.02 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 75 Resp: 733

Ion	Ratio	Lower	Upper
75	100		
77	46.8	20.6	61.8

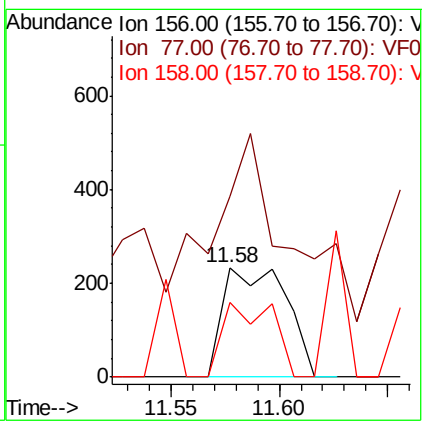


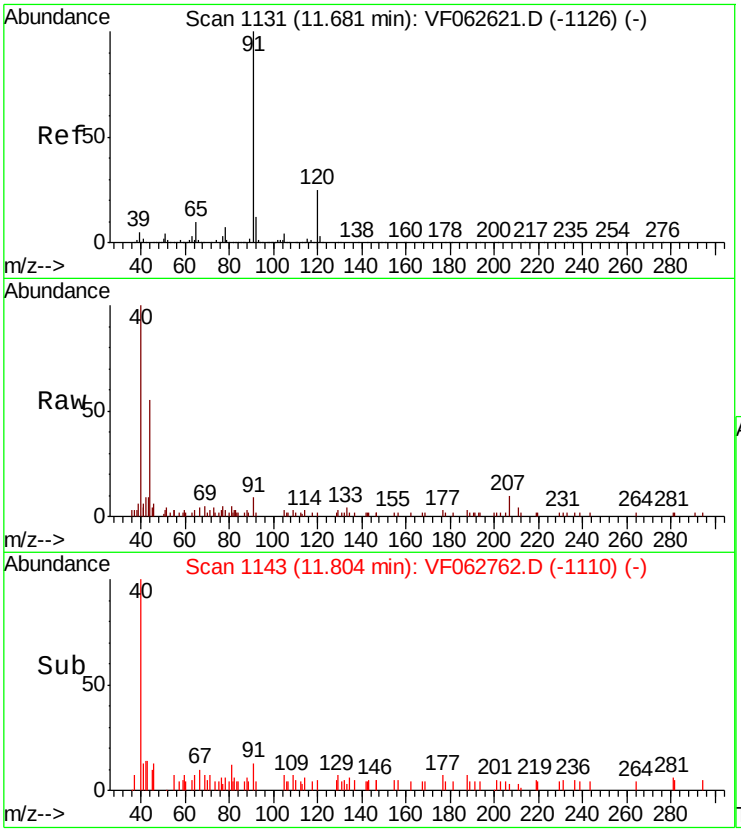


#77
Bromobenzene
Concen: 4.580 ug/l
RT: 11.58 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion:156 Resp: 471

Ion	Ratio	Lower	Upper
156	100		
77	165.7	73.6	220.8
158	115.5	49.6	148.8



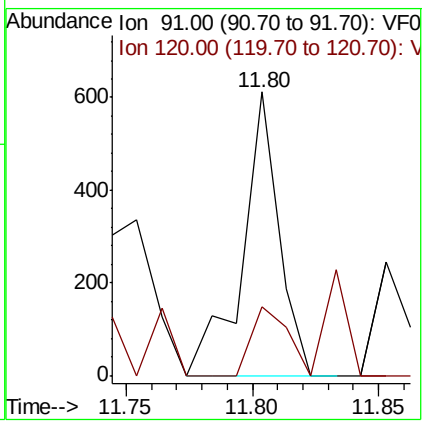


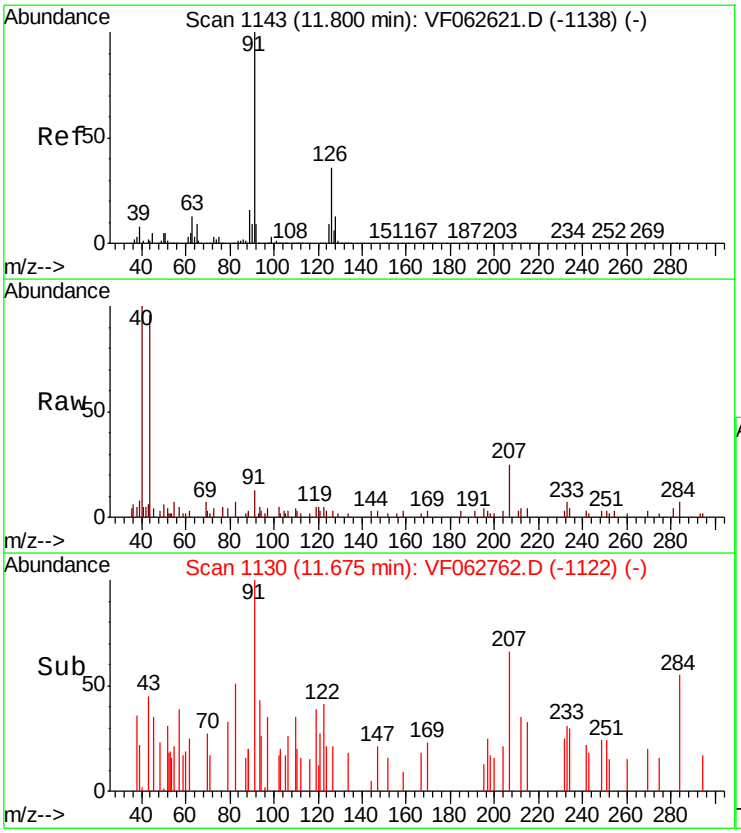
#78
n-propylbenzene
Concen: 1.256 ug/l
RT: 11.80 min Scan# 1143
Delta R.T. 0.12 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion: 91 Resp: 615

Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.7	38.1

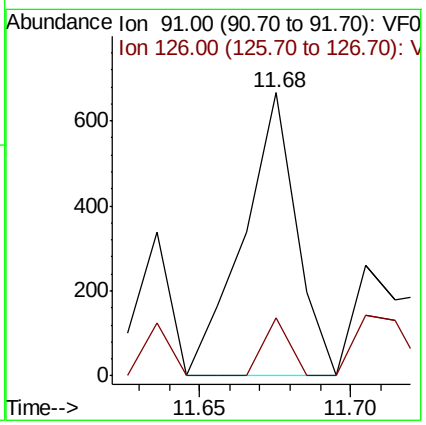


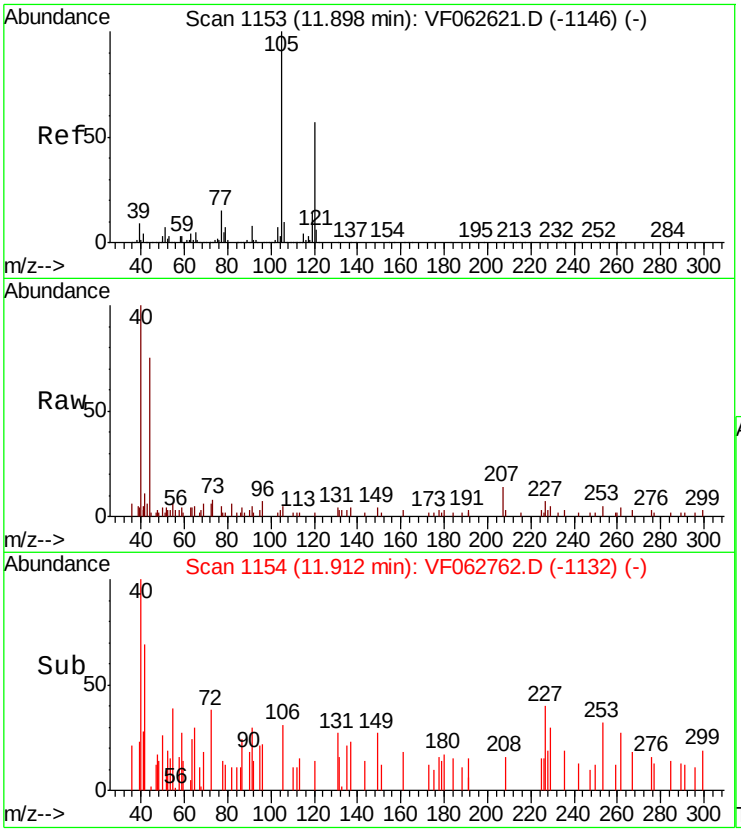


#79
2-Chlorotoluene
Concen: 2.928 ug/l
RT: 11.68 min Scan# 1130
Delta R.T. -0.12 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 91 Resp: 808

Ion	Ratio	Lower	Upper
91	100		
126	20.6	18.1	54.4



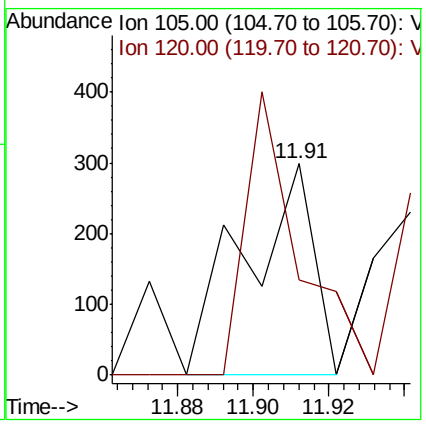


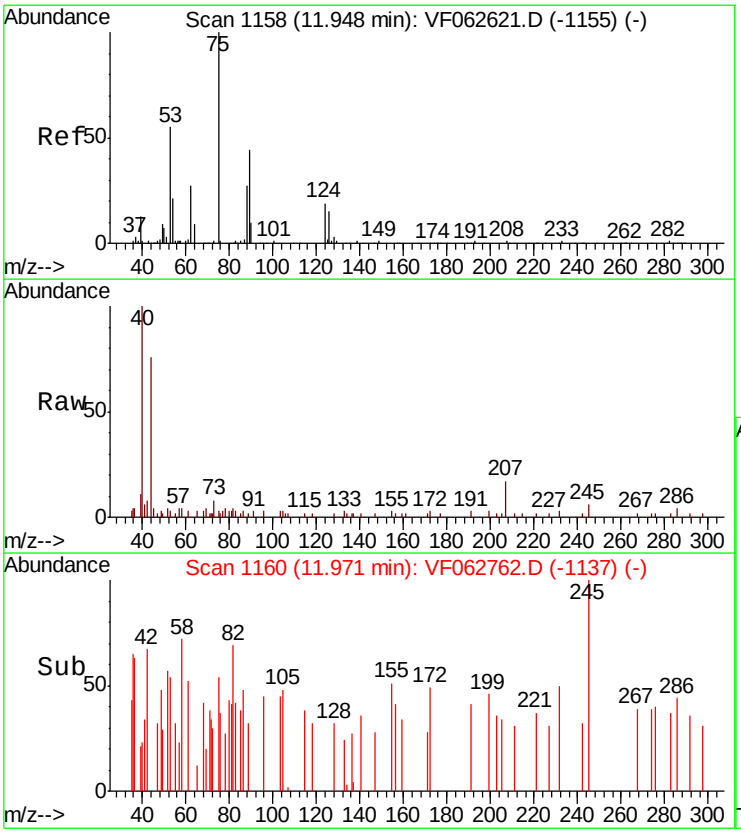
#80
1,3,5-Trimethylbenzene
Concen: 1.136 ug/l
RT: 11.91 min Scan# 1154
Delta R.T. 0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion:105 Resp: 377

Ion	Ratio	Lower	Upper
105	100		
120	44.8	28.7	86.3

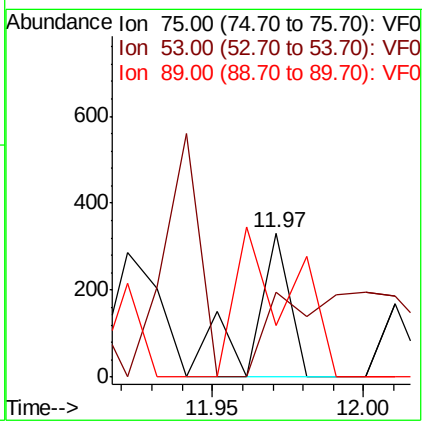


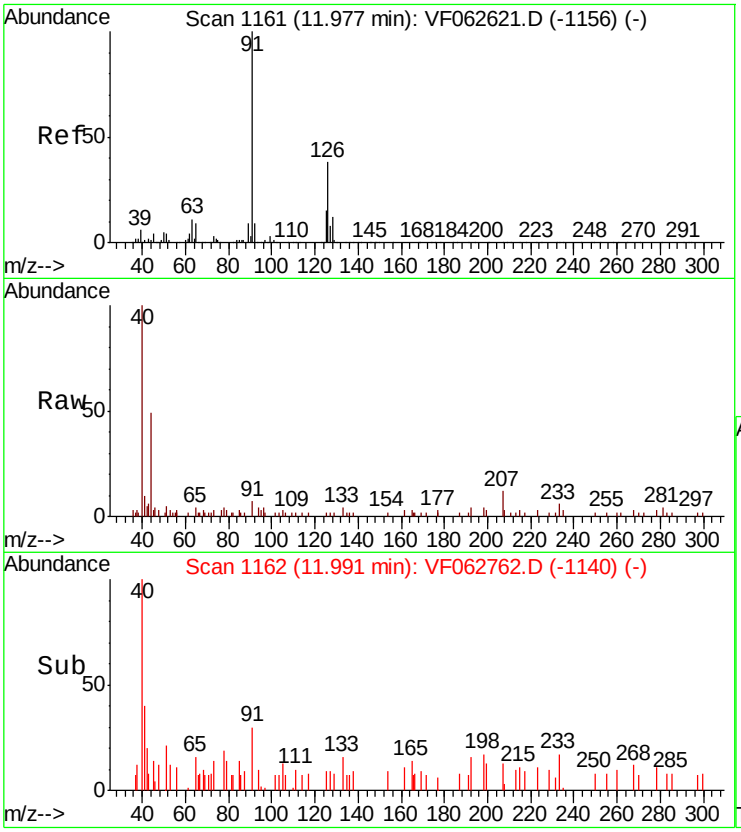


#81
trans-1,4-Dichloro-2-butene
Concen: 11.500 ug/l
RT: 11.97 min Scan# 1160
Delta R.T. 0.02 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 75 Resp: 284

Ion	Ratio	Lower	Upper
75	100		
53	58.9	46.9	70.3
89	35.6	36.4	54.6#



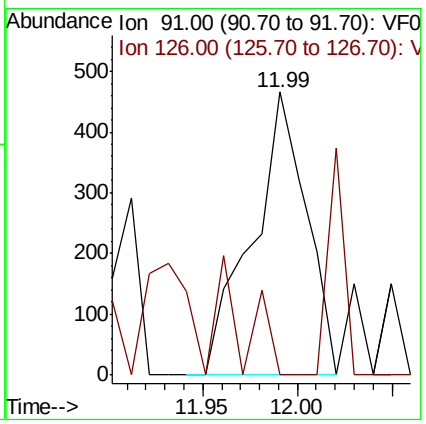


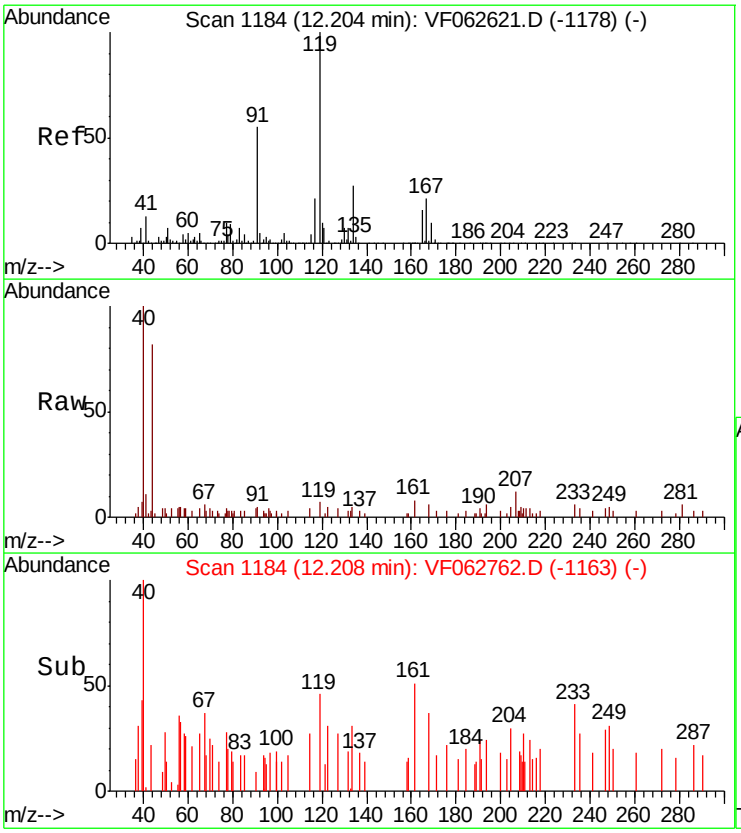
#82
4-Chlorotoluene
Concen: 3.392 ug/l
RT: 11.99 min Scan# 1162
Delta R.T. 0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument : MSVOA_F
ClientSampleId : CULVER-CBTC-WC1A-052419

Tgt Ion: 91 Resp: 923

Ion	Ratio	Lower	Upper
91	100		
126	0.0	19.1	57.1#

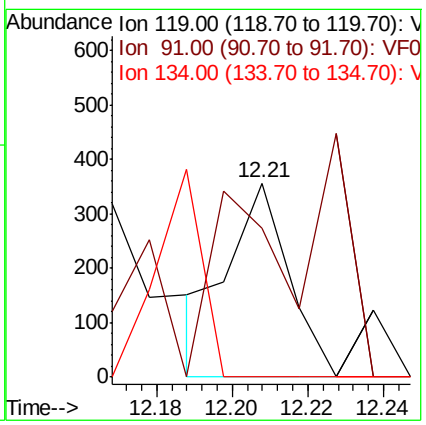


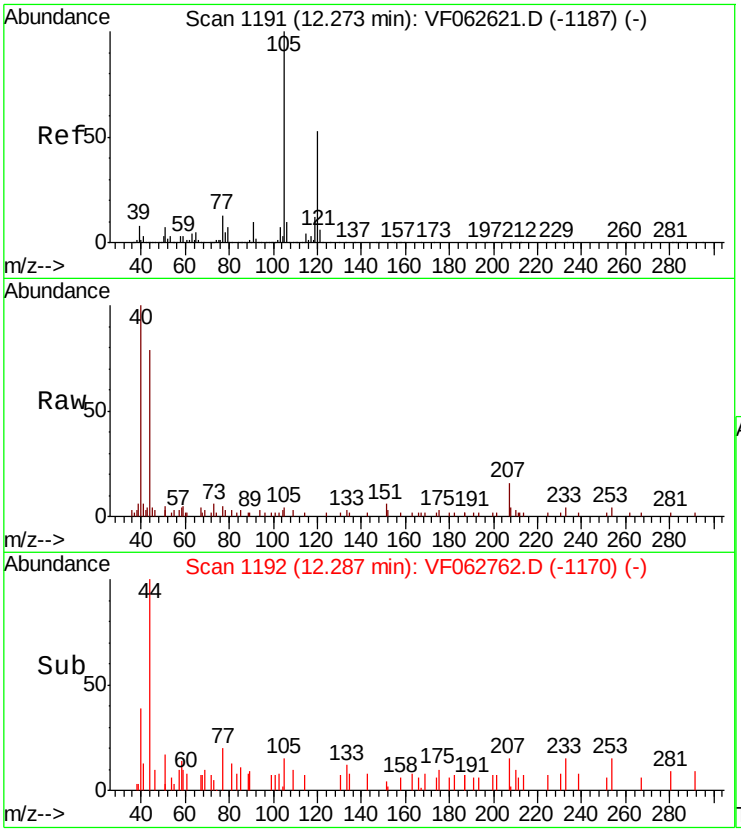


#83
tert-Butylbenzene
Concen: 1.159 ug/l
RT: 12.21 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion:119 Resp: 390

Ion	Ratio	Lower	Upper
119	100		
91	77.0	27.3	81.9
134	0.0	13.6	40.7#



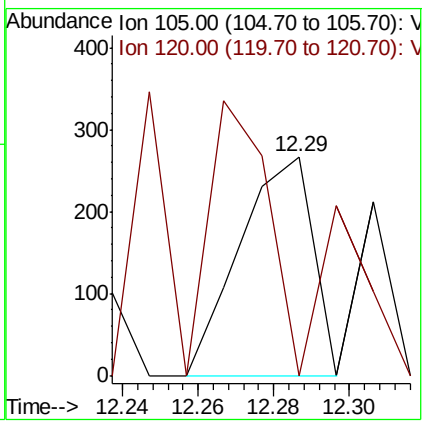


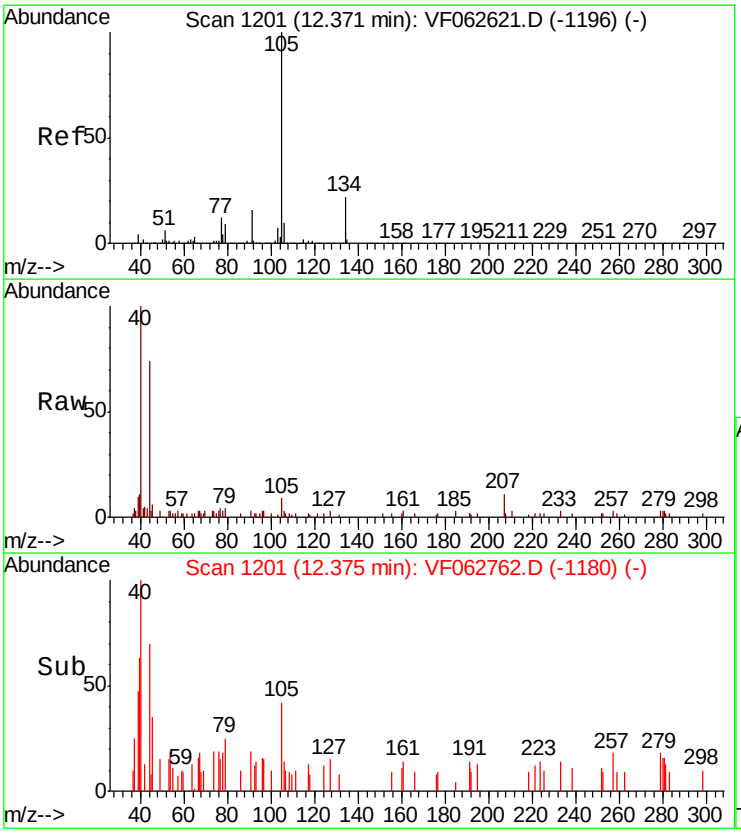
#84
1,2,4-Trimethylbenzene
Concen: 1.115 ug/l
RT: 12.29 min Scan# 1192
Delta R.T. 0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion:105 Resp: 358

Ion	Ratio	Lower	Upper
105	100		
120	0.0	26.7	80.1#

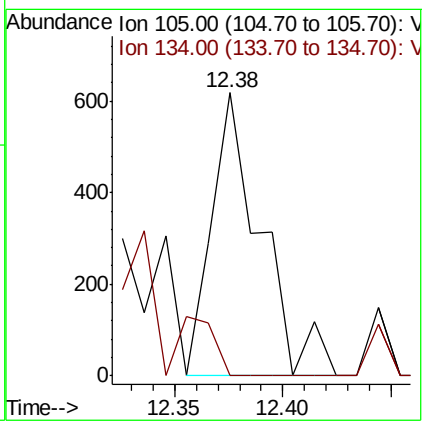


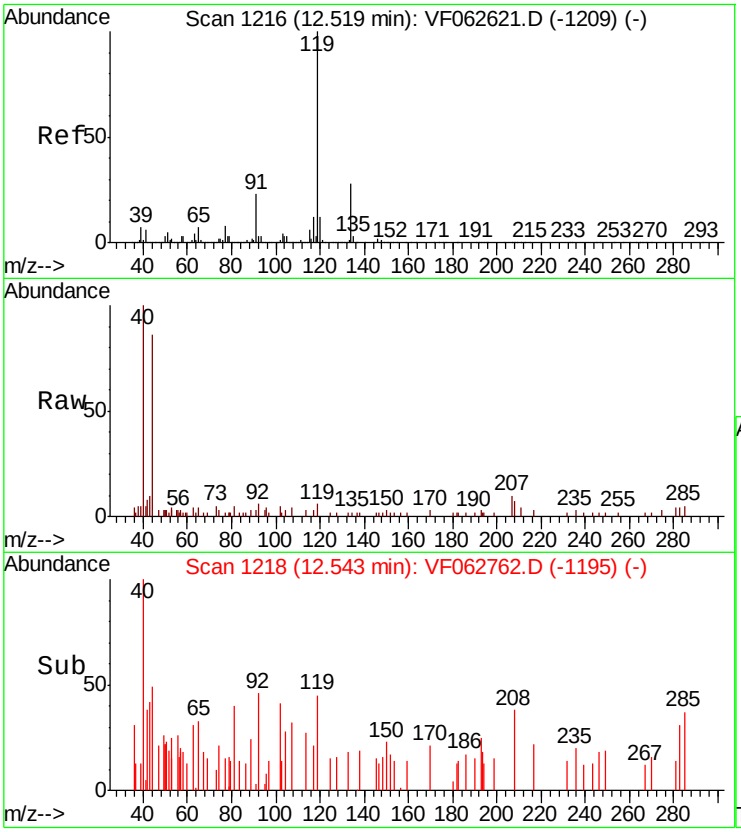


#85
sec-Butylbenzene
Concen: 2.161 ug/l
RT: 12.38 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion:105 Resp: 976

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.8	32.4#



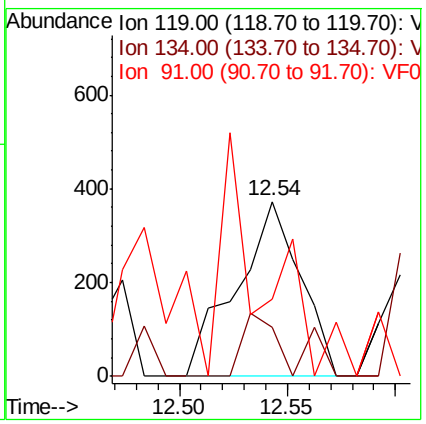


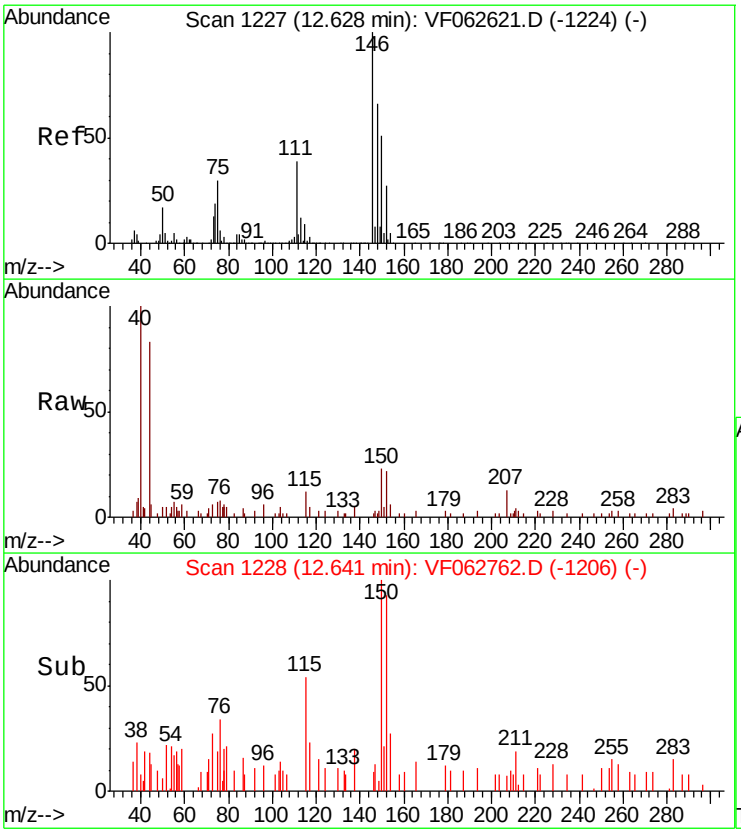
#86
p-Isopropyltoluene
Concen: 2.025 ug/l
RT: 12.54 min Scan# 1218
Delta R.T. 0.02 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion:119 Resp: 771

Ion	Ratio	Lower	Upper
119	100		
134	27.7	14.1	42.3
91	44.4	11.4	34.2#

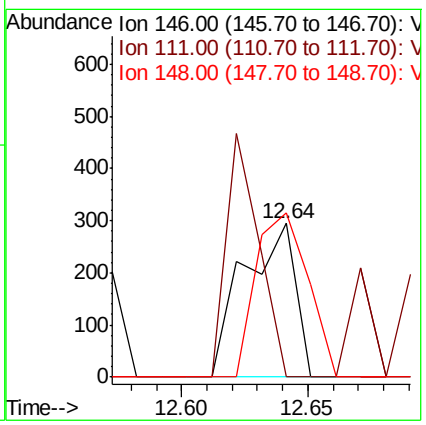


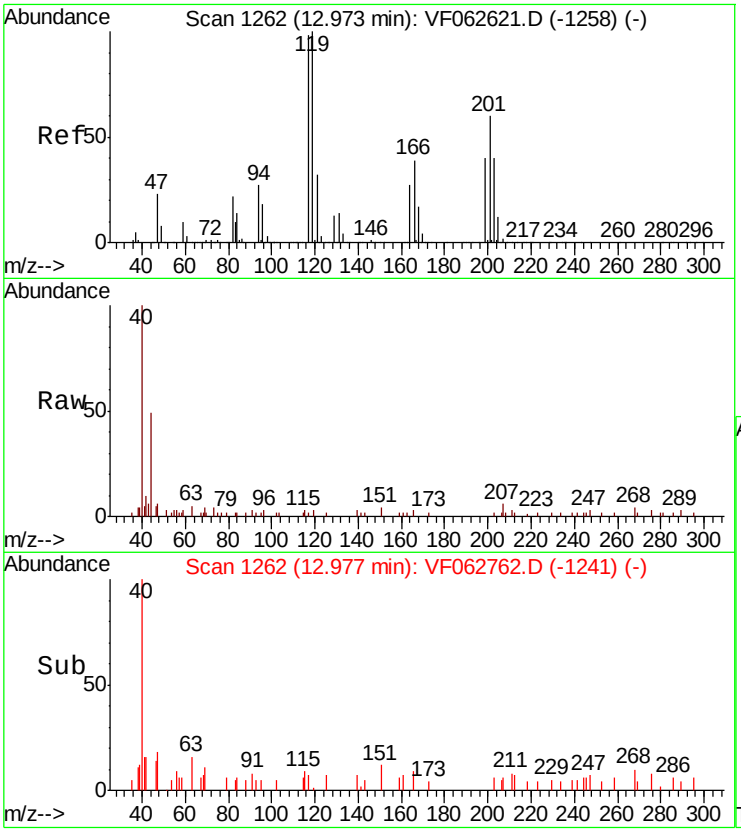


#88
1,4-Dichlorobenzene
Concen: 2.428 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion:146 Resp: 424

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.4	58.2#
148	106.8	33.2	99.6#



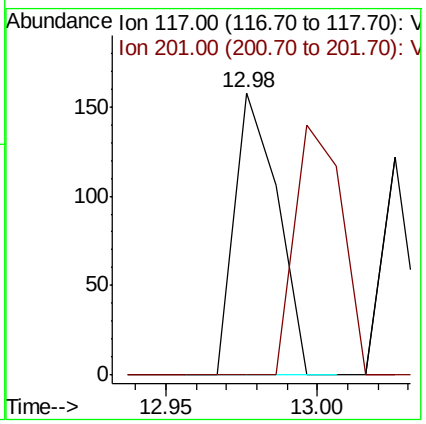


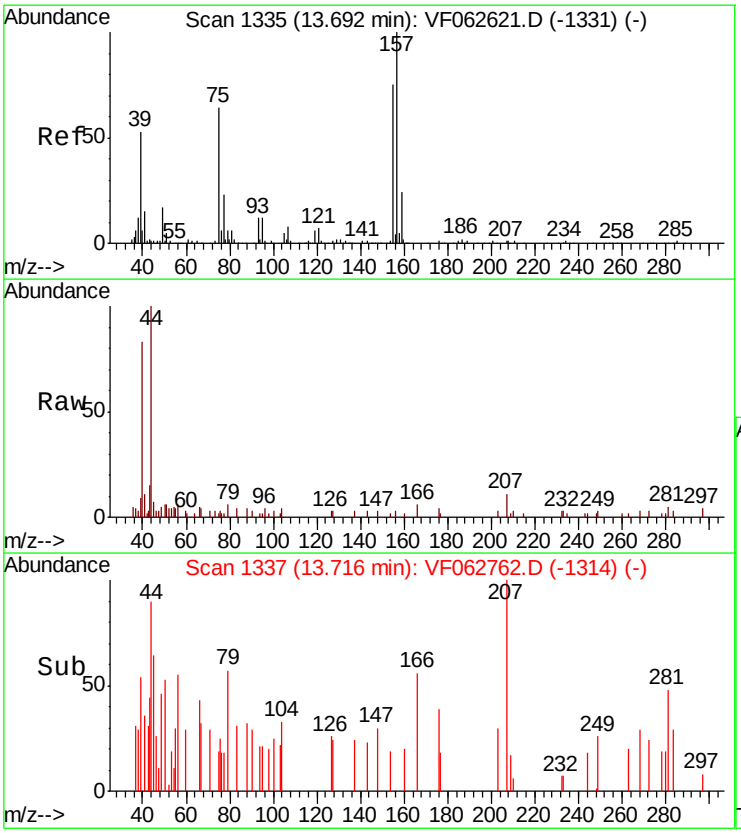
#90
Hexachloroethane
Concen: 1.708 ug/l
RT: 12.98 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion:117 Resp: 156

Ion	Ratio	Lower	Upper
117	100		
201	0.0	30.7	92.1#

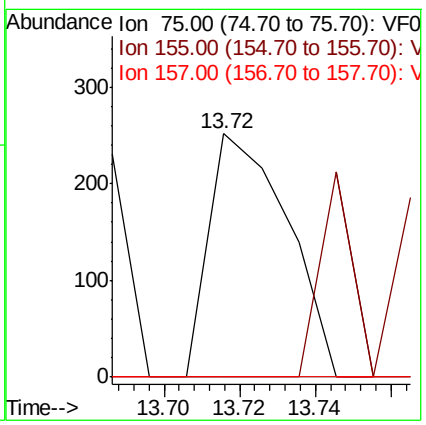


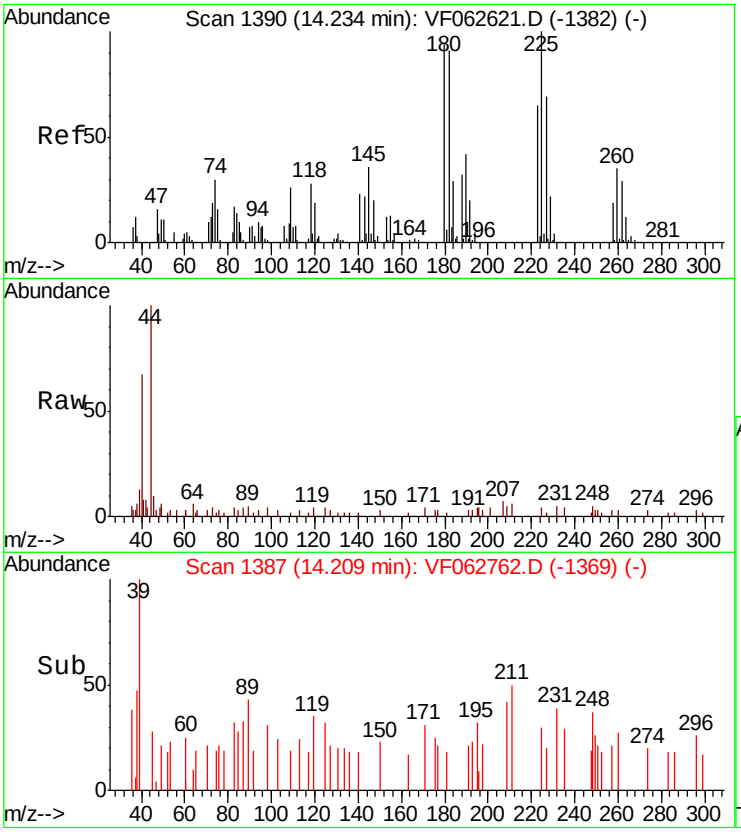


#92
1,2-Dibromo-3-Chloropropane
Concen: 35.589 ug/l
RT: 13.72 min Scan# 1337
Delta R.T. 0.02 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion: 75 Resp: 359

Ion	Ratio	Lower	Upper
75	100		
155	0.0	58.1	174.3#
157	0.0	77.8	233.4#



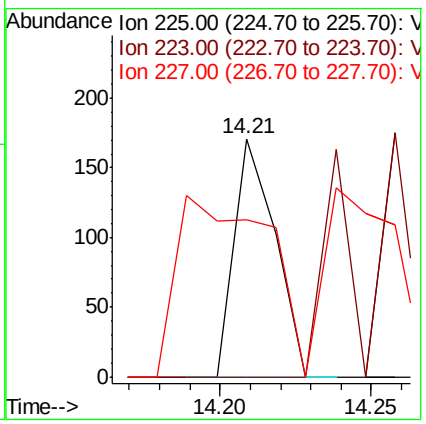


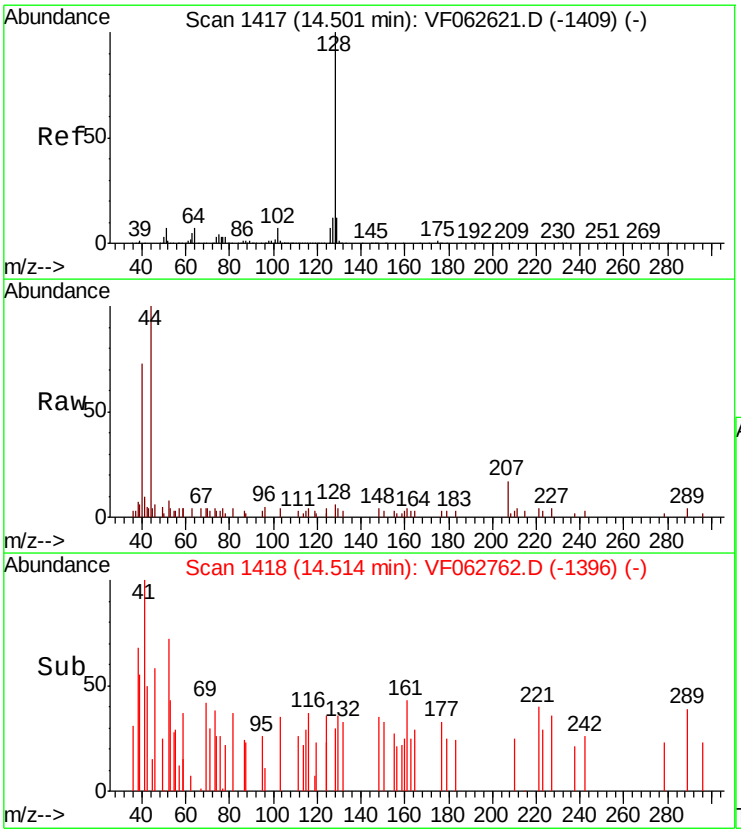
#94
Hexachlorobutadiene
Concen: 1.955 ug/l
RT: 14.21 min Scan# 1387
Delta R.T. -0.03 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC1A-052419

Tgt Ion:225 Resp: 162

Ion	Ratio	Lower	Upper
225	100		
223	0.0	32.5	97.4#
227	66.1	34.5	103.5





#95
Naphthalene
Concen: 1.433 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. 0.01 min
Lab File: VF062762.D
Acq: 28 May 2019 16:03

Tgt Ion:128 Resp: 309

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.7	14.5#
129	66.3	9.3	13.9#