Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062501.D
Acq On : 12 May 2019 14:21
Operator : FY/SY
Sample : K2734-03
Misc : 3.28g/5mL/MSVOA_F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0002-01

Quant Time: May 13 04:44:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.06	168	10686	50.00	ug/l		0.01
34) 1,4-Difluorobenzene	5.79	114	19589	50.00	ug/l		0.02
63) Chlorobenzene-d5	9.92	117	12713	50.00	ug/l		0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	4540	50.00	ug/l		0.01
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.05	65	21341	211.32	ug/l		0.03
Spiked Amount 50.000			Recovery = 422.64%				
35) Dibromofluoromethane	4.33	113	17778	113.92	ug/l		0.02
Spiked Amount 50.000			Recovery = 227.84%				
50) Toluene-d8	7.74	98	10912	28.89	ug/l		0.03
Spiked Amount 50.000			Recovery = 57.78%				
62) 4-Bromofluorobenzene	11.51	95	4437	26.03	ug/l		0.02
Spiked Amount 50.000			Recovery = 52.06%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.99	85	147	1.189	ug/l	#	41
3) Chloromethane	1.15	50	478	5.860	ug/l	#	42
4) Vinyl Chloride	1.19	62	169	2.077	ug/l	#	42
5) Bromomethane	1.44	94	296	2.434	ug/l	#	3
6) Chloroethane	1.48	64	73	1.785	ug/l	#	49
7) Trichlorofluoromethane	1.69	101	272	1.611	ug/l	#	20
8) Diethyl Ether	1.79	74	176	6.891	ug/l		62
11) Tert butyl alcohol	2.68	59	982	172.054	ug/l	#	70
12) 1,1-Dichloroethene	1.90	96	1201	14.659	ug/l	#	1
13) Acrolein	2.07	56	495	130.191	ug/l		94
14) Allyl chloride	2.22	41	449	6.204	ug/l	#	14
15) Acrylonitrile	3.09	53	419	38.755	ug/l	#	1
16) Acetone	2.35	43	12445	609.184	ug/l		96
18) Methyl Acetate	2.49	43	1107	28.358	ug/l	#	58
19) Methyl tert-butyl Ether	2.59	73	1170	6.918	ug/l	#	77
20) Methylene Chloride	2.36	84	377	5.101	ug/l	#	42
21) trans-1,2-Dichloroethene	2.40	96	702	8.993	ug/l	#	28
22) Diisopropyl ether	2.93	45	1353	5.982	ug/l	#	47
23) Vinyl Acetate	3.36	43	405	4.017	ug/l	#	79
24) 1,1-Dichloroethane	3.02	63	483	3.533	ug/l	#	43
25) 2-Butanone	4.52	43	1073	41.807	ug/l	#	60
26) 2,2-Dichloropropane	3.71	77	672	8.802	ug/l		82
27) cis-1,2-Dichloroethene	3.67	96	127	1.302	ug/l		92
28) Bromochloromethane	3.95	49	63	1.016	ug/l	#	1
29) Tetrahydrofuran	4.29	42	500	42.388	ug/l		96
37) Ethyl Acetate	4.33	43	649	5.181	ug/l	#	97
38) Carbon Tetrachloride	4.16	117	72	Below Cal		#	14
40) Benzene	4.85	78	451	1.217	ug/l	#	48
41) Methacrylonitrile	4.99	41	564	13.978	ug/l	#	17
43) Isopropyl Acetate	7.14	43	713	9.315	ug/l	#	62
46) Dibromomethane	6.25	93	163	2.342	ug/l	#	1
48) Methyl methacrylate	6.88	41	325	6.008	ug/l	#	40
49) 1,4-Dioxane	6.78	88	130	223.537	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.43	43	1677	28.915	ug/l	#	63

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062501.D
Acq On : 12 May 2019 14:21
Operator : FY/SY
Sample : K2734-03
Misc : 3.28g/5mL/MSVOA_F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0002-01

Quant Time: May 13 04:44:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Toluene	7.79	92	409	1.789	ug/l		84
53) t-1,3-Dichloropropene	8.45	75	201	1.527	ug/l	#	43
56) Ethyl methacrylate	8.77	69	298	3.890	ug/l	#	1
57) 1,3-Dichloropropane	9.09	76	156	1.423	ug/l	#	26
58) 2-Chloroethyl Vinyl ether	7.49	63	61	2.649	ug/l	#	42
59) 2-Hexanone	9.65	43	1566	39.041	ug/l		80
64) Tetrachloroethene	8.29	164	128	1.240	ug/l	#	1
65) Chlorobenzene	9.93	112	496	2.358	ug/l	#	43
67) Ethyl Benzene	10.05	91	1393	3.782	ug/l	#	81
68) m/p-Xylenes	10.28	106	743	5.467	ug/l	#	29
69) o-Xylene	10.83	106	338	2.302	ug/l		100
70) Styrene	10.89	104	927	4.212	ug/l	#	68
73) Isopropylbenzene	11.22	105	1307	4.856	ug/l		85
74) N-amyl acetate	11.45	43	860	14.883	ug/l	#	54
75) 1,1,2,2-Tetrachloroethane	11.72	83	70	1.661	ug/l	#	1
76) 1,2,3-Trichloropropane	11.89	75	271	8.429	ug/l	#	100
77) Bromobenzene	11.59	156	97	1.373	ug/l	#	1
78) n-propylbenzene	11.68	91	1632	5.695	ug/l		100
79) 2-Chlorotoluene	11.81	91	581	3.261	ug/l		73
80) 1,3,5-Trimethylbenzene	11.90	105	827	3.506	ug/l		76
81) trans-1,4-Dichloro-2-buten	11.99	75	353	29.209	ug/l	#	5
82) 4-Chlorotoluene	11.81	91	581	3.301	ug/l		73
83) tert-Butylbenzene	12.20	119	683	2.755	ug/l	#	45
84) 1,2,4-Trimethylbenzene	12.28	105	1085	4.700	ug/l		94
85) sec-Butylbenzene	12.38	105	1112	3.685	ug/l	#	72
86) p-Isopropyltoluene	12.54	119	1164	4.152	ug/l	#	67
87) 1,3-Dichlorobenzene	12.55	146	644	4.992	ug/l		88
88) 1,4-Dichlorobenzene	12.55	146	644	5.172	ug/l		89
89) n-Butylbenzene	12.91	91	1105	4.430	ug/l		83
91) 1,2-Dichlorobenzene	13.02	146	330	2.643	ug/l		69
92) 1,2-Dibromo-3-Chloropropan	13.67	75	90	9.533	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.25	180	843	7.527	ug/l	#	48
94) Hexachlorobutadiene	14.24	225	257	3.079	ug/l		77
95) Naphthalene	14.50	128	1948	11.569	ug/l	#	95
96) 1,2,3-Trichlorobenzene	14.65	180	253	2.332	ug/l	#	25

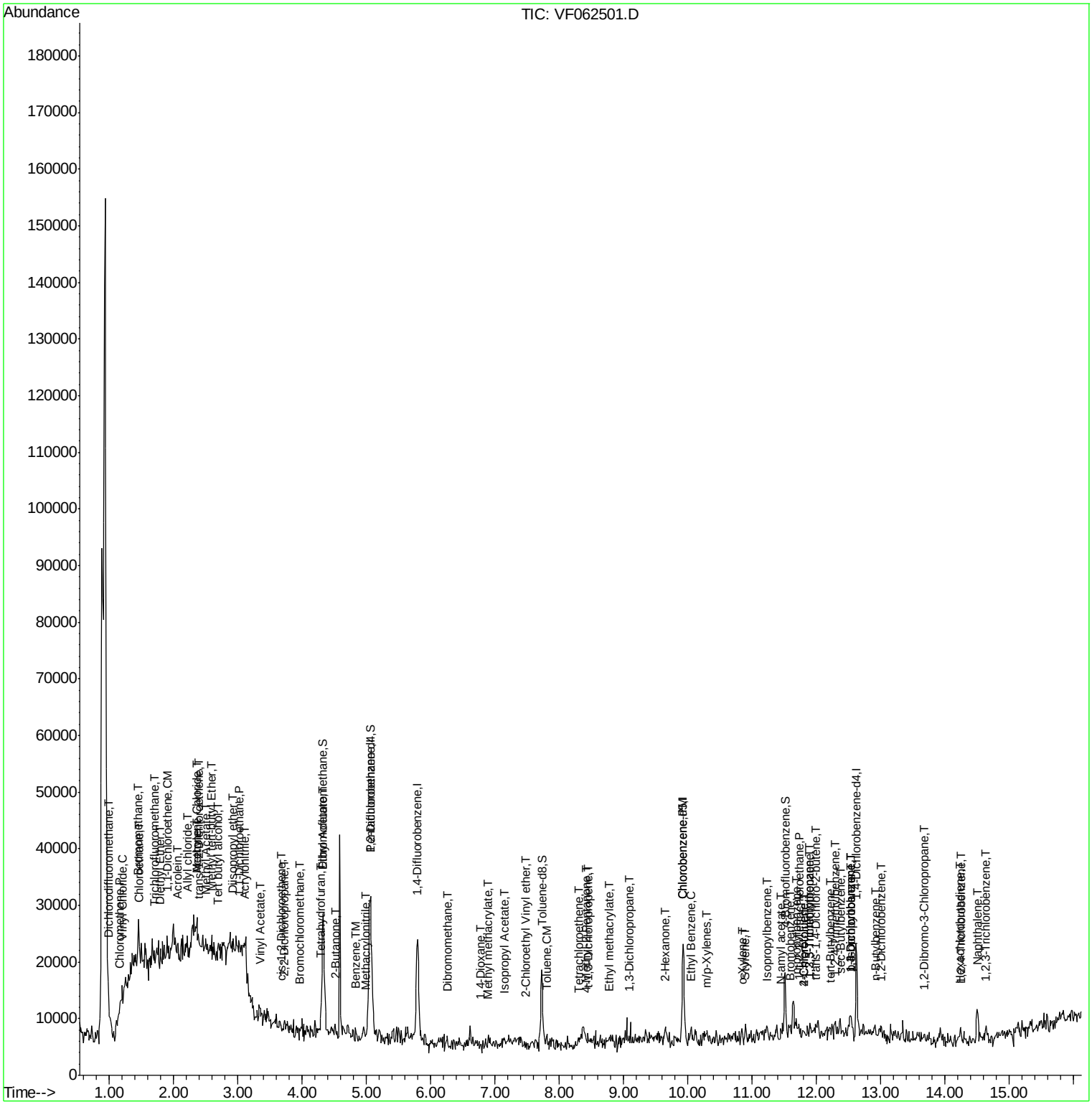
(#) = qualifier out of range (m) = manual integration (+) = signals summed

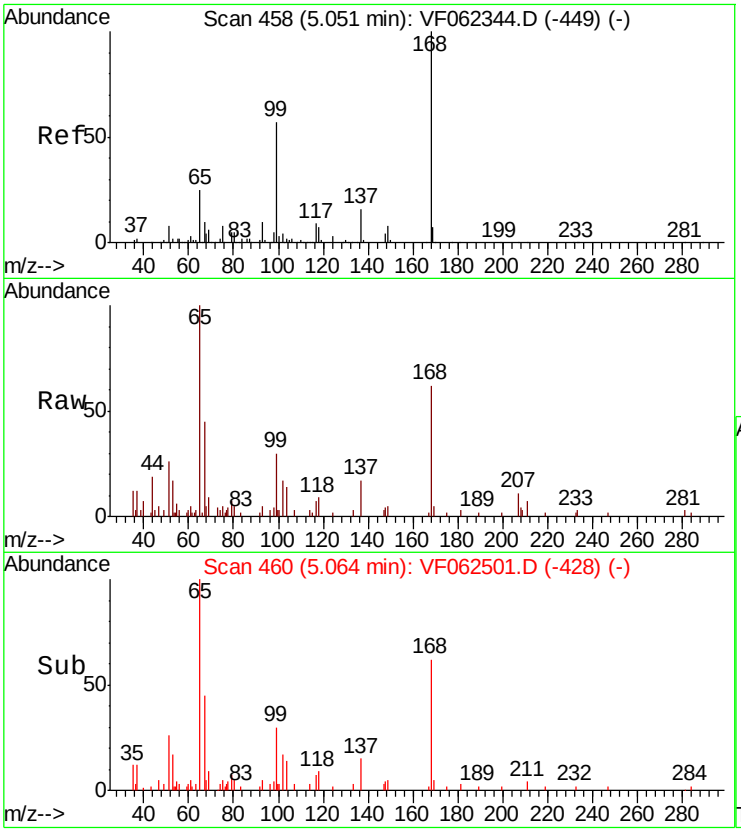
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062501.D
Acq On : 12 May 2019 14:21
Operator : FY/SY
Sample : K2734-03
Misc : 3.28g/5mL/MSVOA_F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Quant Time: May 13 04:44:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration



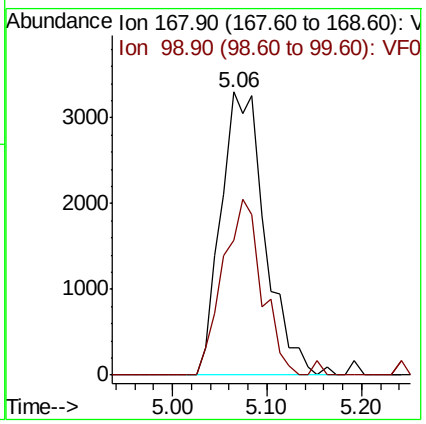


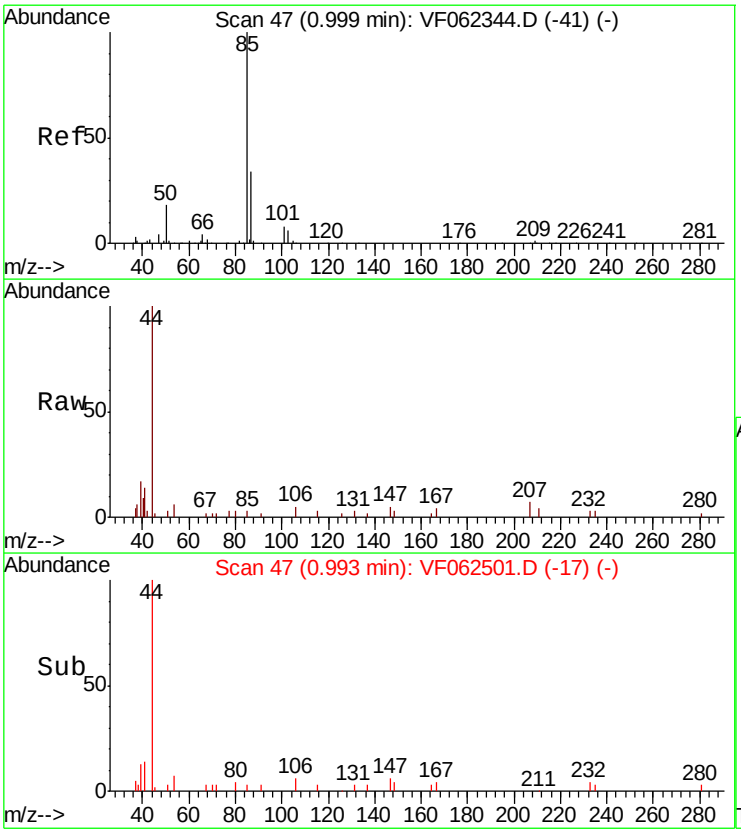
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 460
Delta R.T. 0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:168 Resp: 10686

Ion	Ratio	Lower	Upper
168	100		
99	47.8	45.9	68.9

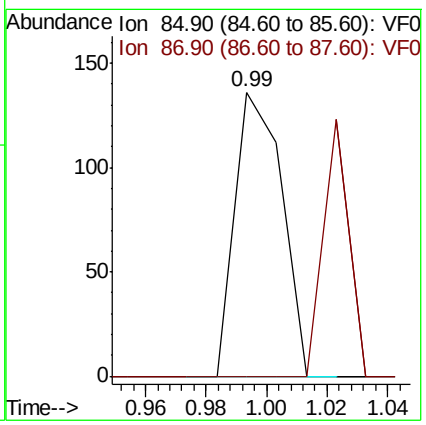


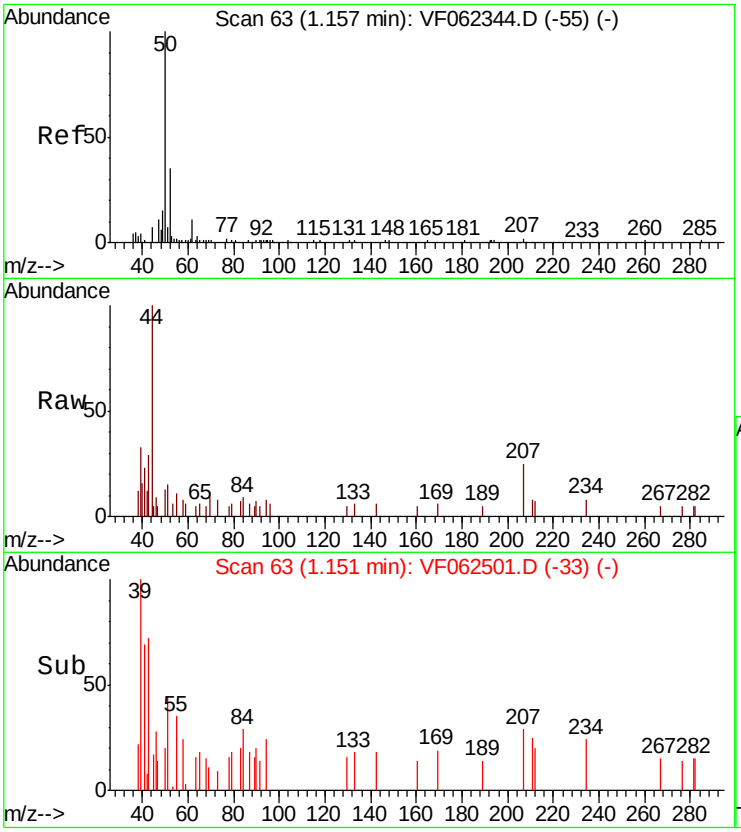


#2
Dichlorodifluoromethane
Concen: 1.189 ug/l
RT: 0.99 min Scan# 47
Delta R.T. -0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 85 Resp: 147

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.8	50.4#



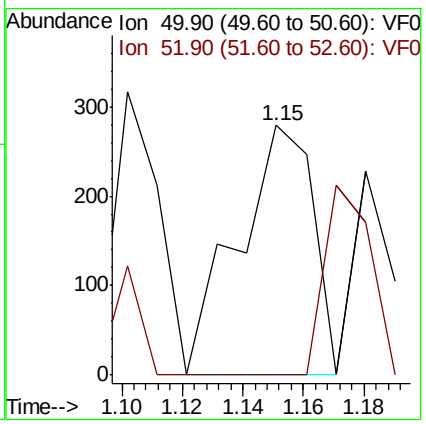


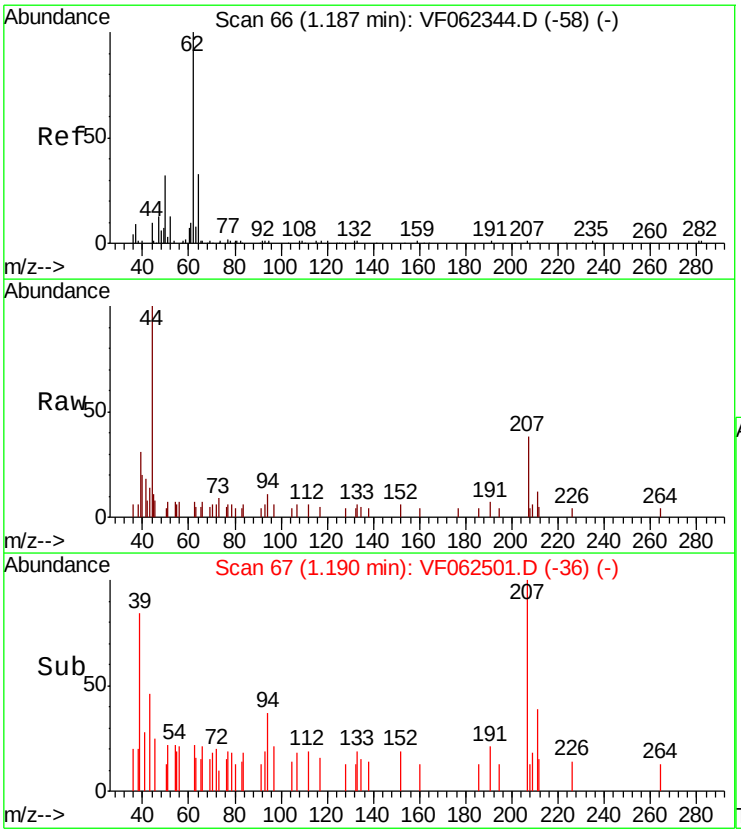
#3
Chloromethane
Concen: 5.860 ug/l
RT: 1.15 min Scan# 63
Delta R.T. -0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 50 Resp: 478

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.1	39.1#

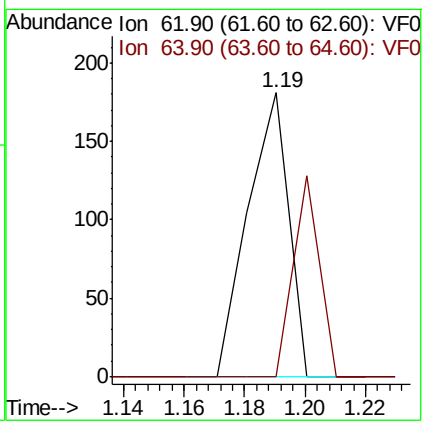


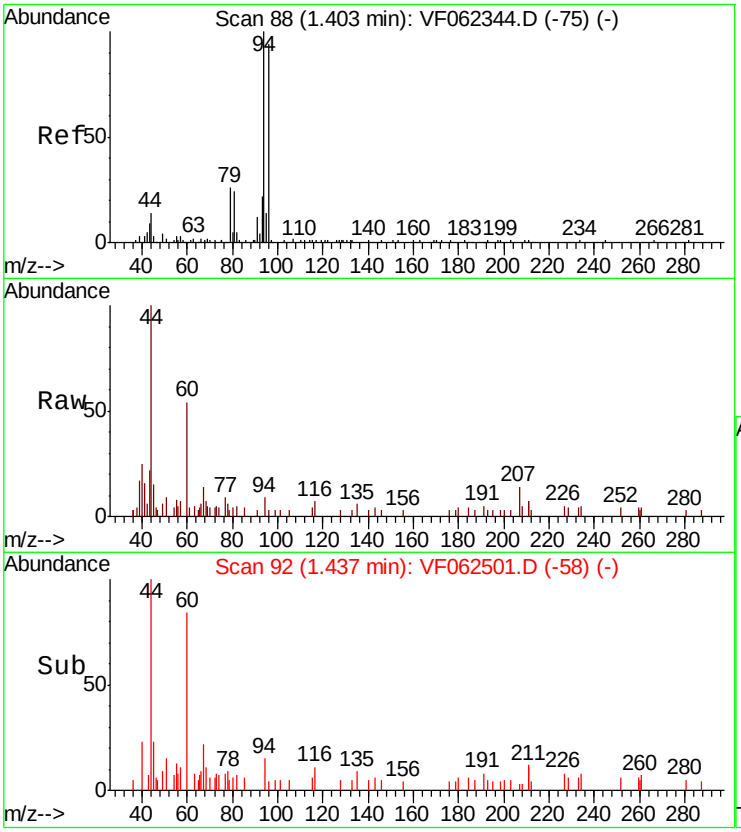


#4
Vinyl Chloride
Concen: 2.077 ug/l
RT: 1.19 min Scan# 67
Delta R.T. 0.00 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 62 Resp: 169

Ion	Ratio	Lower	Upper
62	100		
64	0.0	26.1	39.1#



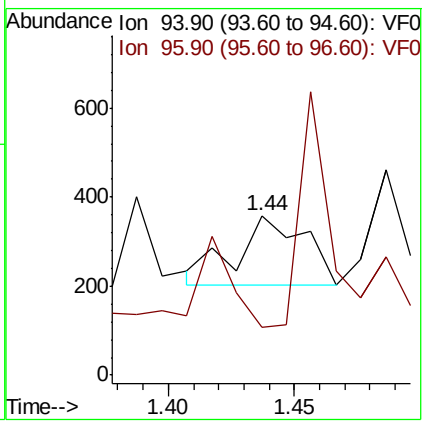


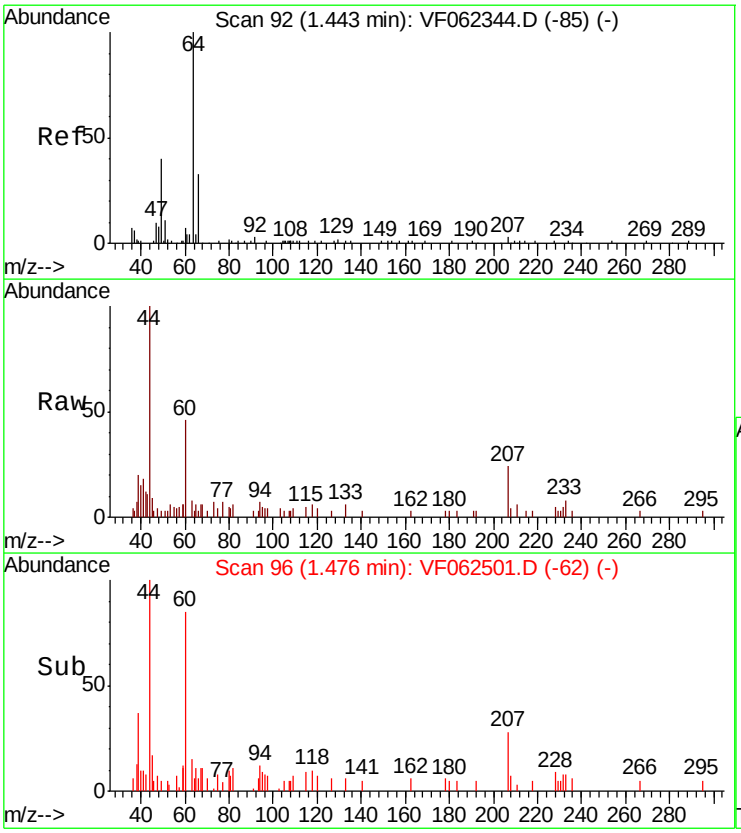
#5
Bromomethane
Concen: 2.434 ug/l
RT: 1.44 min Scan# 92
Delta R.T. 0.03 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 94 Resp: 296

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#

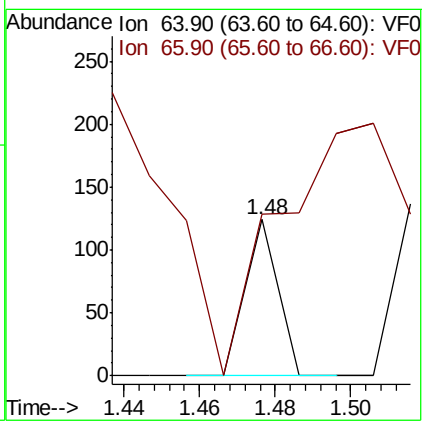


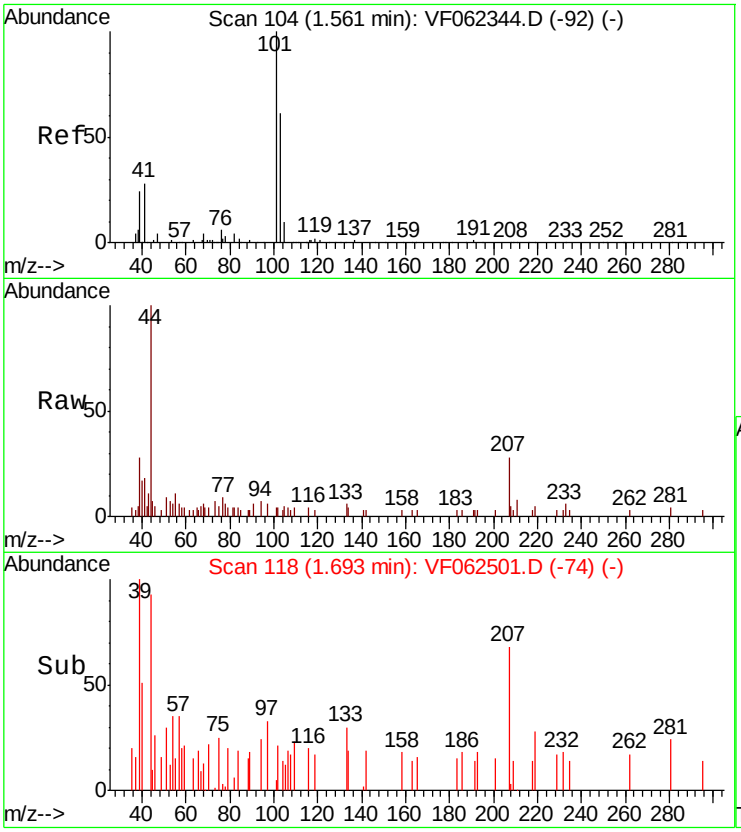


#6
Chloroethane
Concen: 1.785 ug/l
RT: 1.48 min Scan# 96
Delta R.T. 0.03 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 64 Resp: 73

Ion	Ratio	Lower	Upper
64	100		
66	4.0	26.6	39.8#



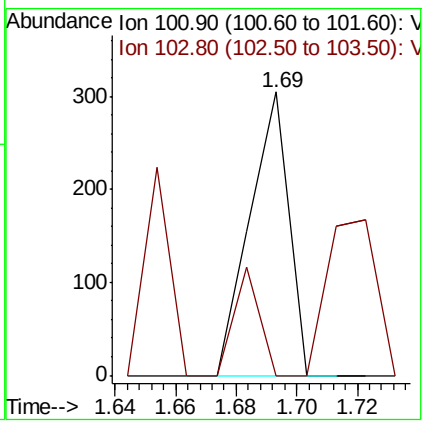


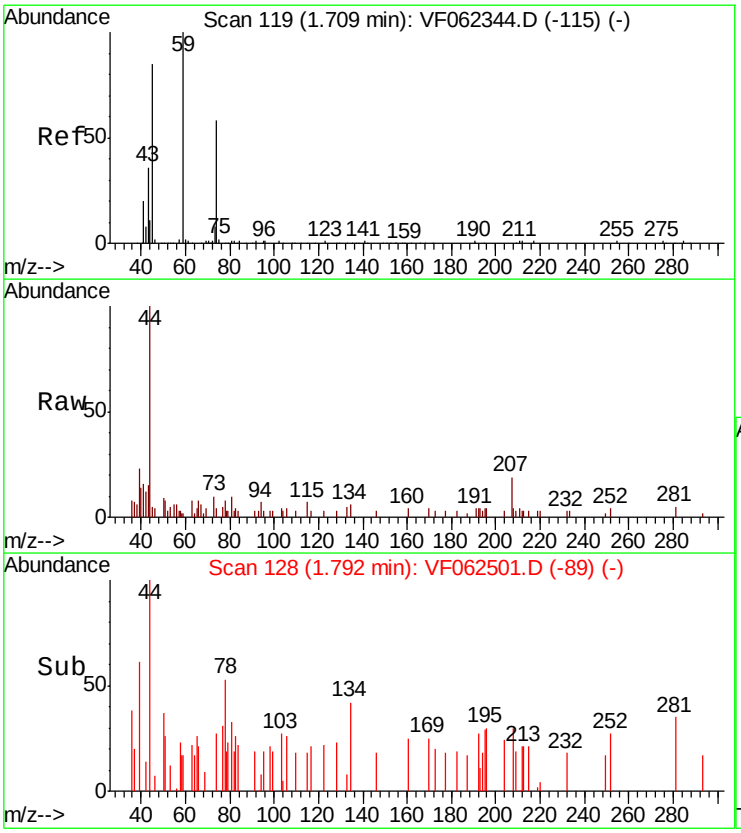
#7
Trichlorofluoromethane
Concen: 1.611 ug/l
RT: 1.69 min Scan# 118
Delta R.T. 0.13 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:101 Resp: 272

Ion	Ratio	Lower	Upper
101	100		
103	0.0	48.5	72.7#

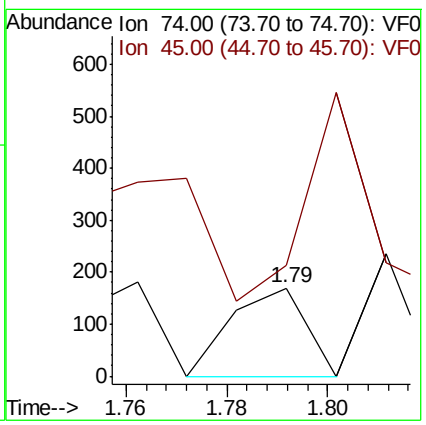


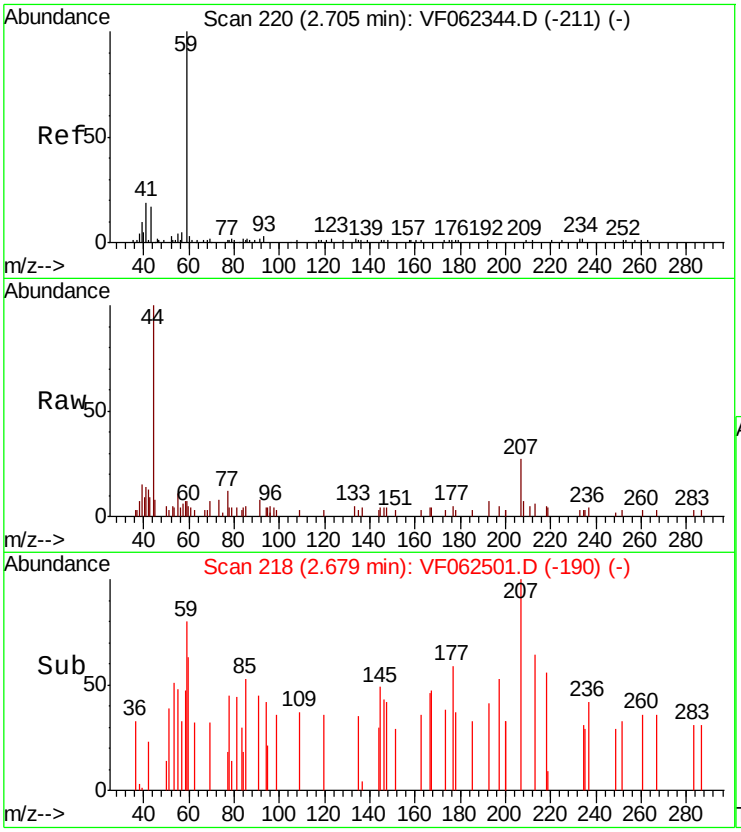


#8
Diethyl Ether
Concen: 6.891 ug/l
RT: 1.79 min Scan# 128
Delta R.T. 0.08 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 74 Resp: 176

Ion	Ratio	Lower	Upper
74	100		
45	196.0	73.9	221.6



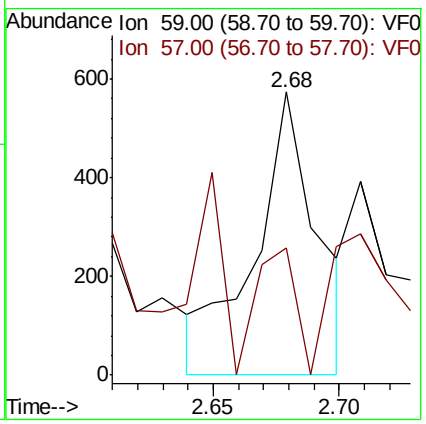


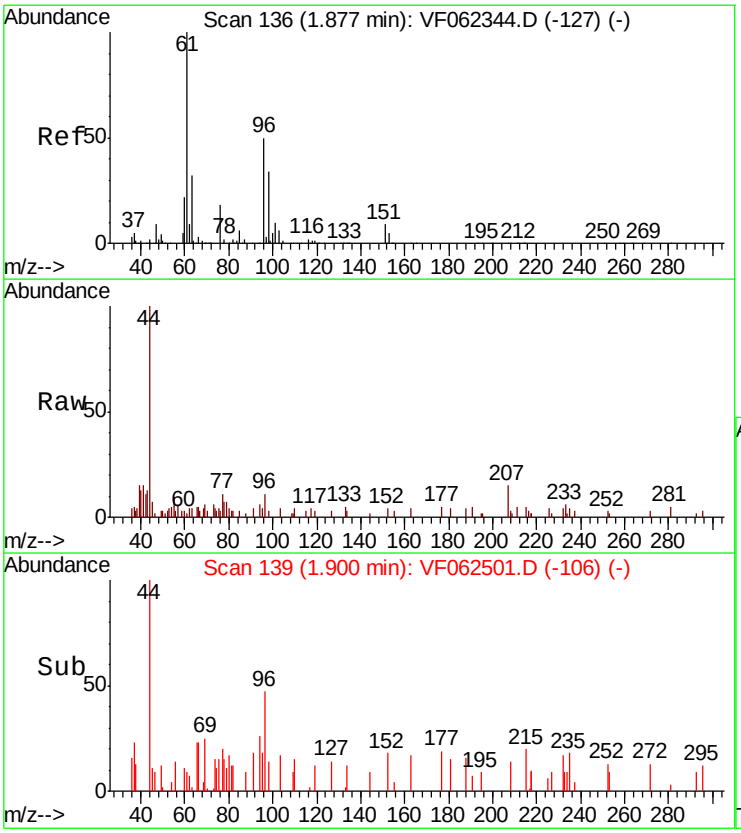
#11
Tert butyl alcohol
Concen: 172.054 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.03 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 59 Resp: 982

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#

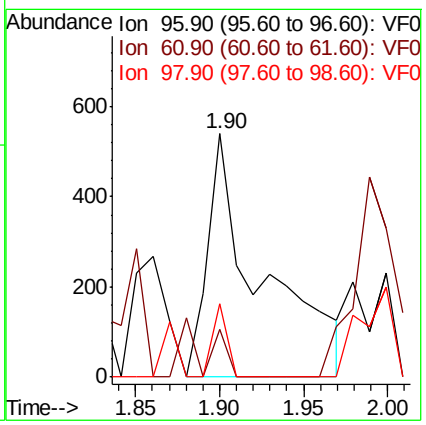


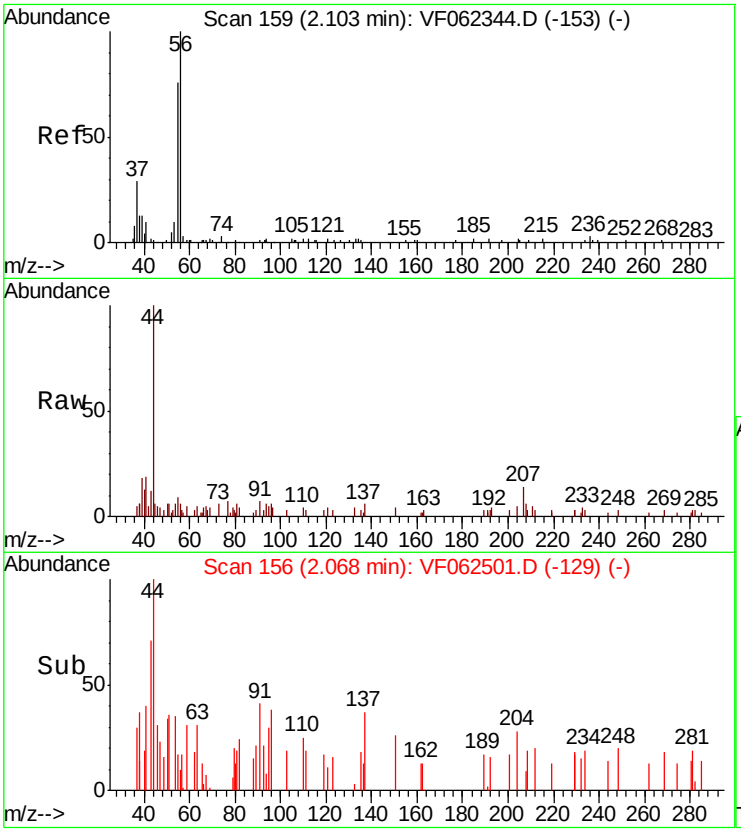


#12
1,1-Dichloroethene
Concen: 14.659 ug/l
RT: 1.90 min Scan# 139
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 96 Resp: 1201

Ion	Ratio	Lower	Upper
96	100		
61	0.0	163.2	244.8#
98	30.0	55.2	82.8#



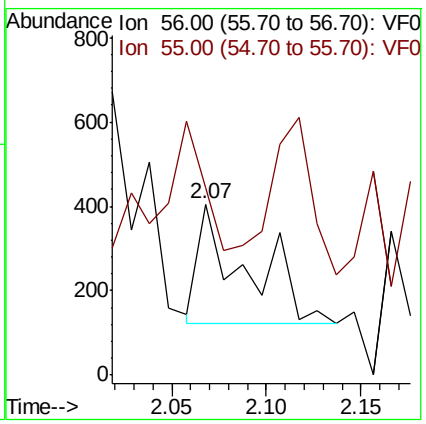


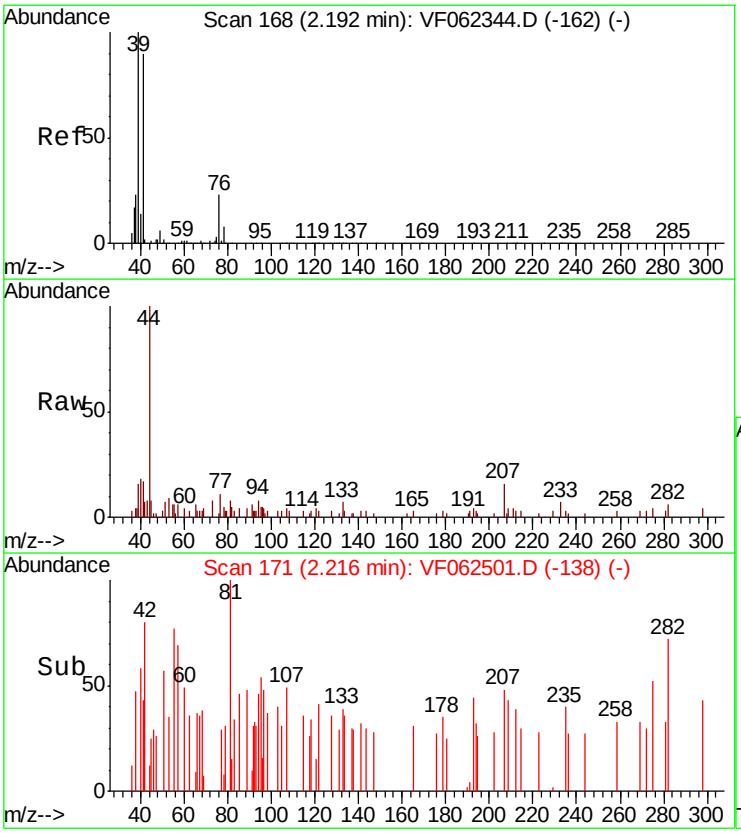
#13
Acrolein
Concen: 130.191 ug/l
RT: 2.07 min Scan# 156
Delta R.T. -0.04 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 56 Resp: 495

Ion	Ratio	Lower	Upper
56	100		
55	68.3	58.4	87.6

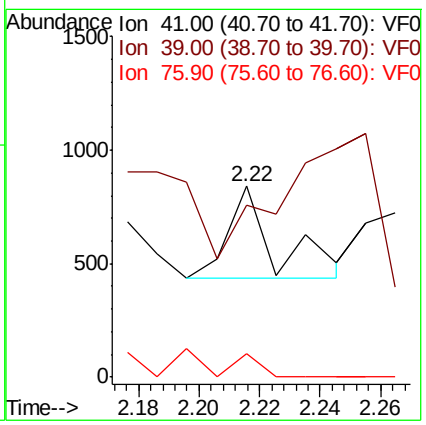


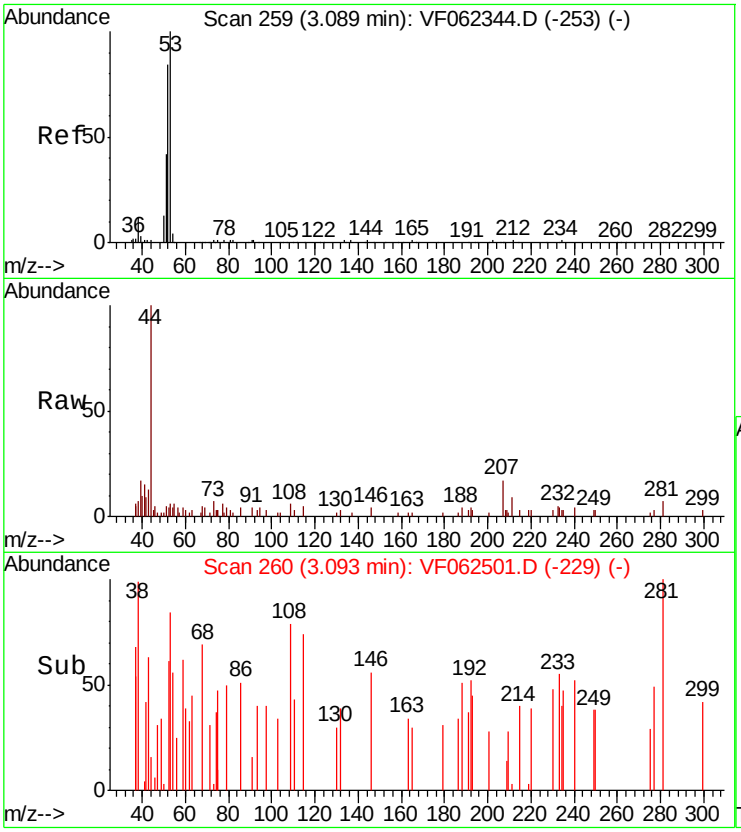


#14
Allyl chloride
Concen: 6.204 ug/l
RT: 2.22 min Scan# 171
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 41 Resp: 449

Ion	Ratio	Lower	Upper
41	100		
39	0.0	90.8	136.2#
76	29.8	22.2	33.4



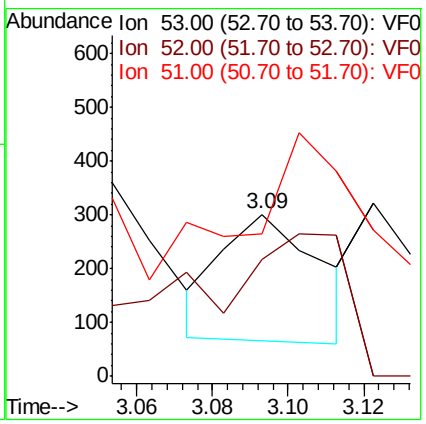


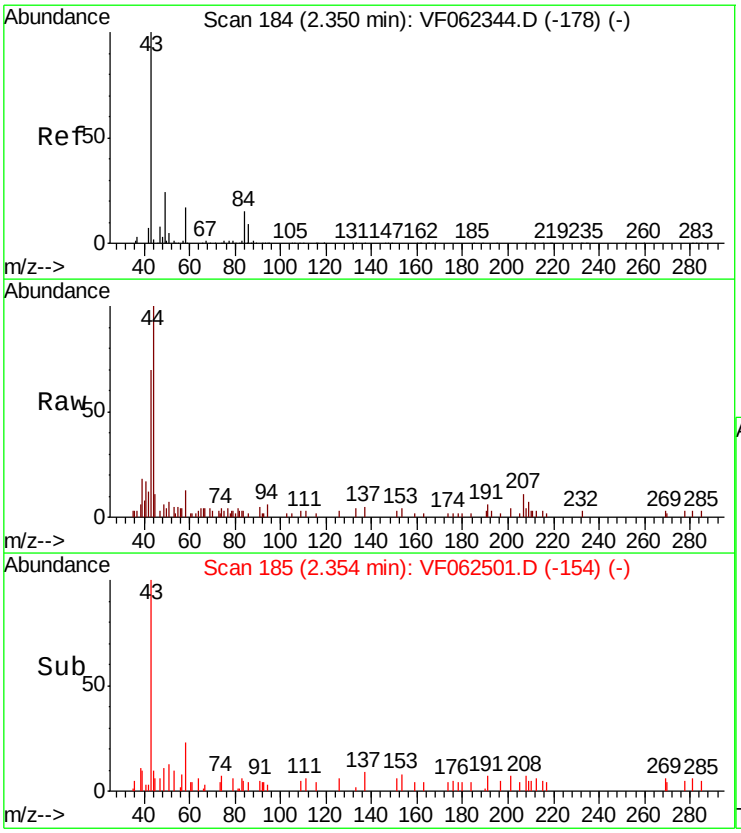
#15
Acrylonitrile
Concen: 38.755 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.00 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 53 Resp: 419

Ion	Ratio	Lower	Upper
53	100		
52	187.4	77.2	115.8#
51	445.8	40.6	61.0#

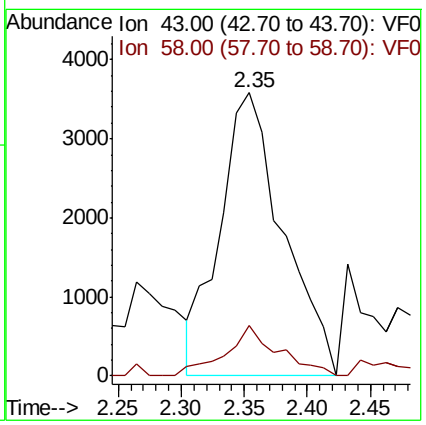


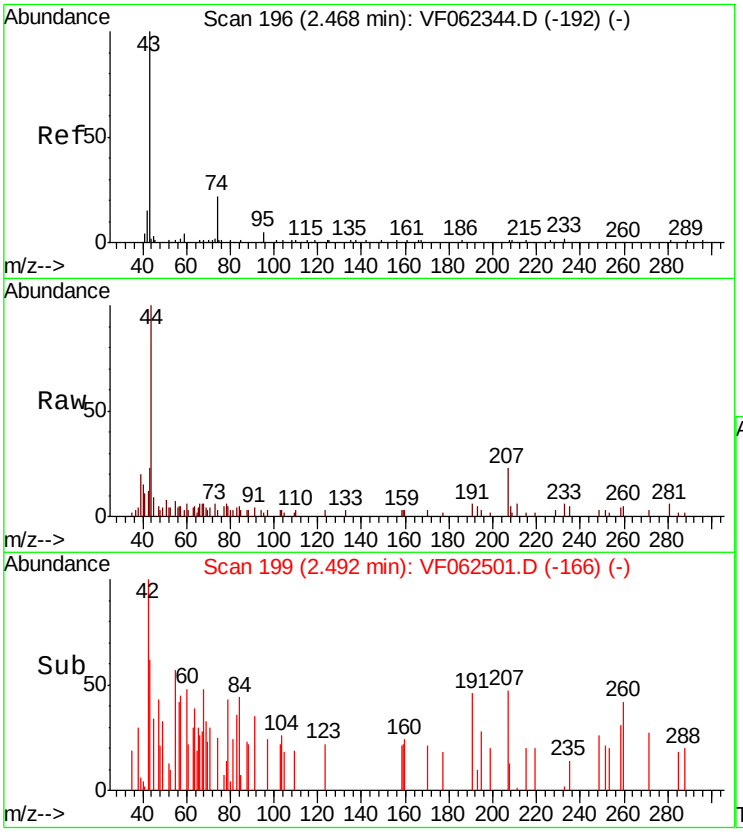


#16
Acetone
Concen: 609.184 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.00 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 43 Resp: 12445

Ion	Ratio	Lower	Upper
43	100		
58	17.9	13.1	19.7



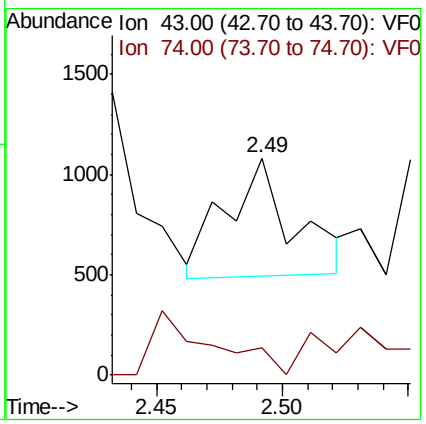


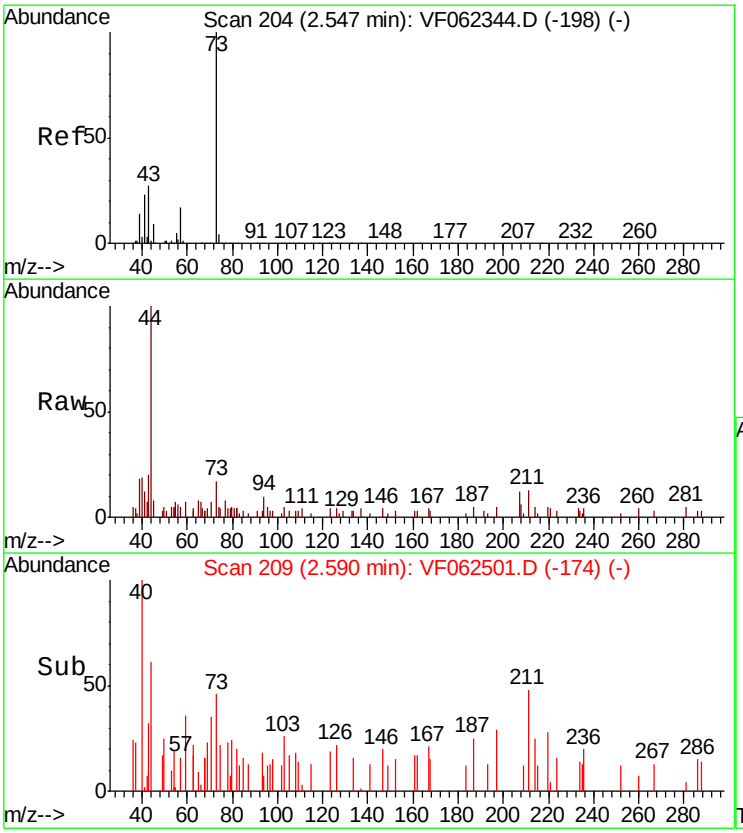
#18
Methyl Acetate
Concen: 28.358 ug/l
RT: 2.49 min Scan# 199
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0002-01

Tgt Ion: 43 Resp: 1107

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.0	22.4#

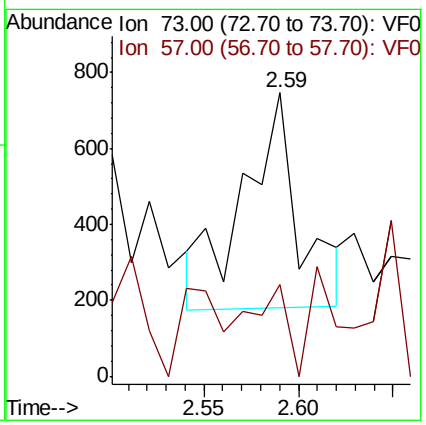


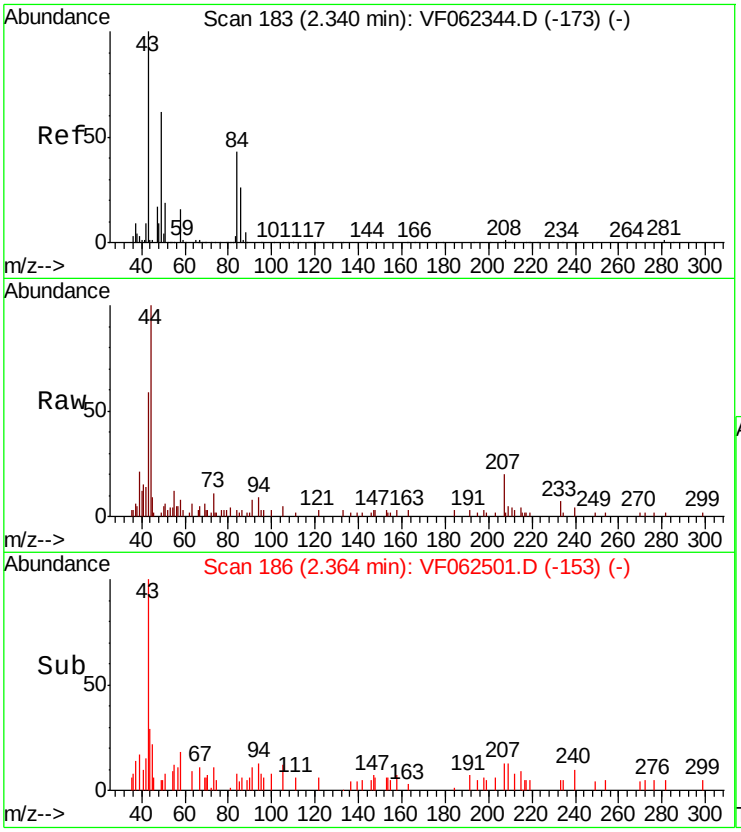


#19
Methyl tert-butyl Ether
Concen: 6.918 ug/l
RT: 2.59 min Scan# 209
Delta R.T. 0.04 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 73 Resp: 1170

Ion	Ratio	Lower	Upper
73	100		
57	27.0	13.7	20.5#



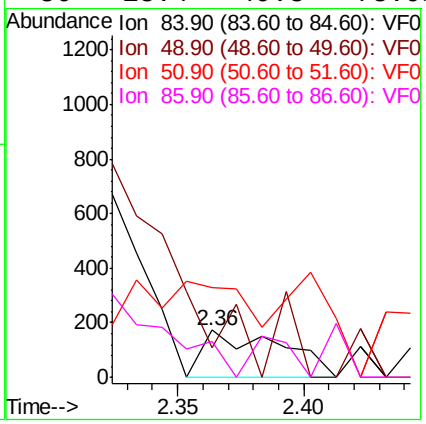


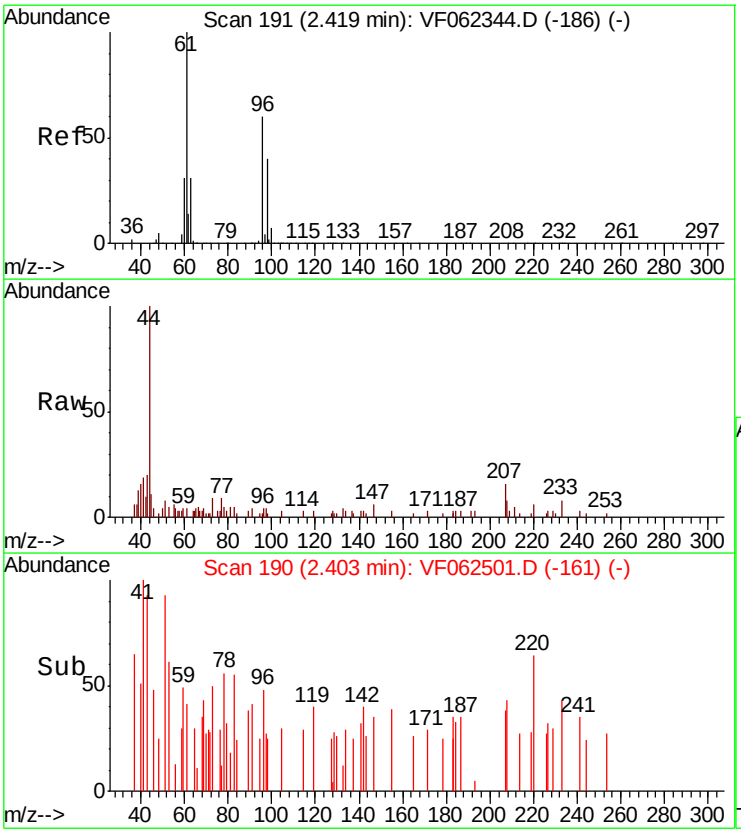
#20
Methylene Chloride
Concen: 5.101 ug/l
RT: 2.36 min Scan# 186
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0002-01

Tgt Ion: 84 Resp: 377

Ion	Ratio	Lower	Upper
84	100		
49	61.5	117.5	176.3#
51	64.9	37.0	55.4#
86	18.4	49.3	73.9#

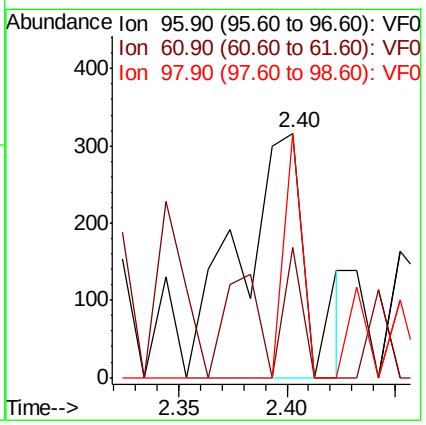


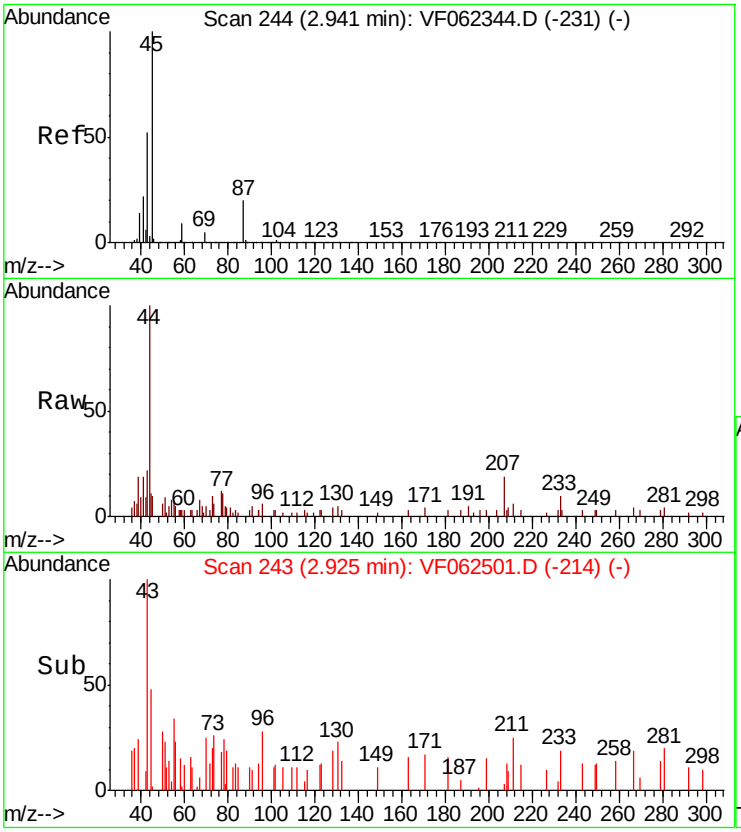


#21
trans-1,2-Dichloroethene
Concen: 8.993 ug/l
RT: 2.40 min Scan# 190
Delta R.T. -0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 96 Resp: 702

Ion	Ratio	Lower	Upper
96	100		
61	53.2	133.2	199.8#
98	100.0	53.1	79.7#



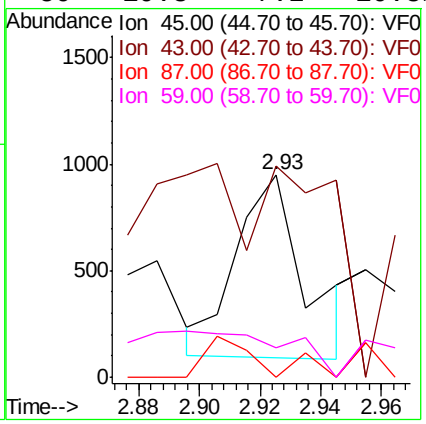


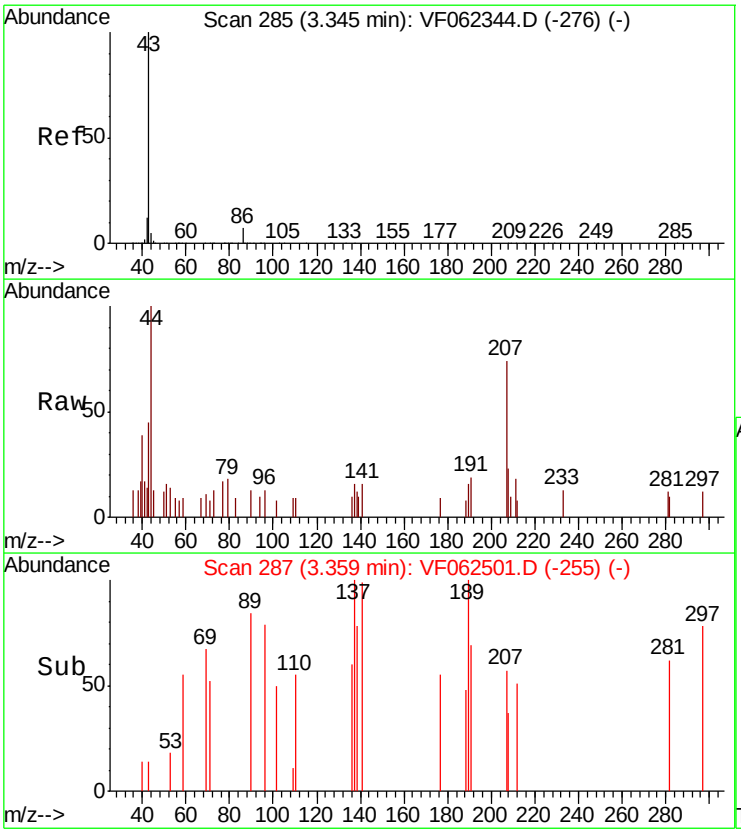
#22
Diisopropyl ether
Concen: 5.982 ug/l
RT: 2.93 min Scan# 243
Delta R.T. -0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0002-01

Tgt Ion: 45 Resp: 1353

Ion	Ratio	Lower	Upper
45	100		
43	9.4	41.4	62.0#
87	0.0	15.8	23.6#
59	19.3	7.2	10.8#

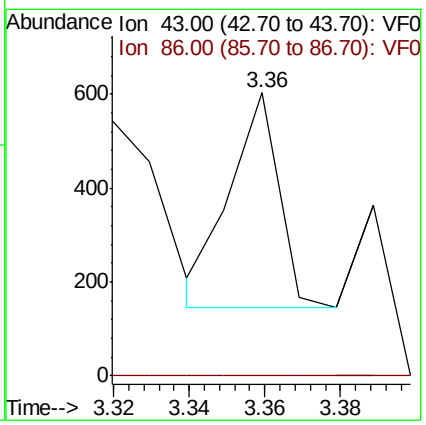


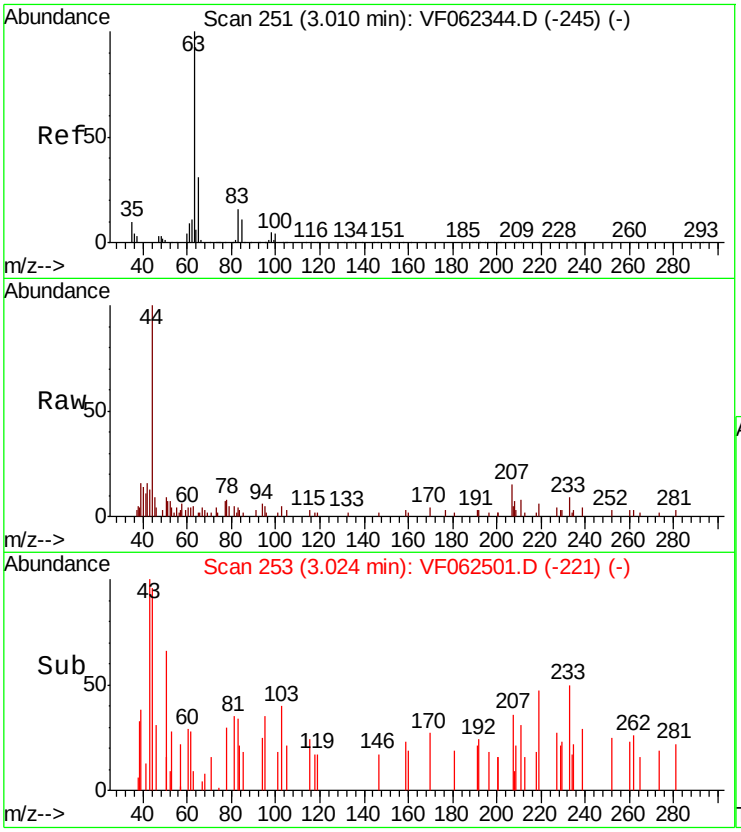


#23
Vinyl Acetate
Concen: 4.017 ug/l
RT: 3.36 min Scan# 287
Delta R.T. 0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 43 Resp: 405

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.7	8.5#



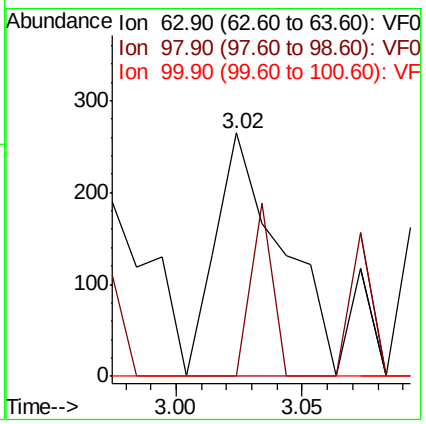


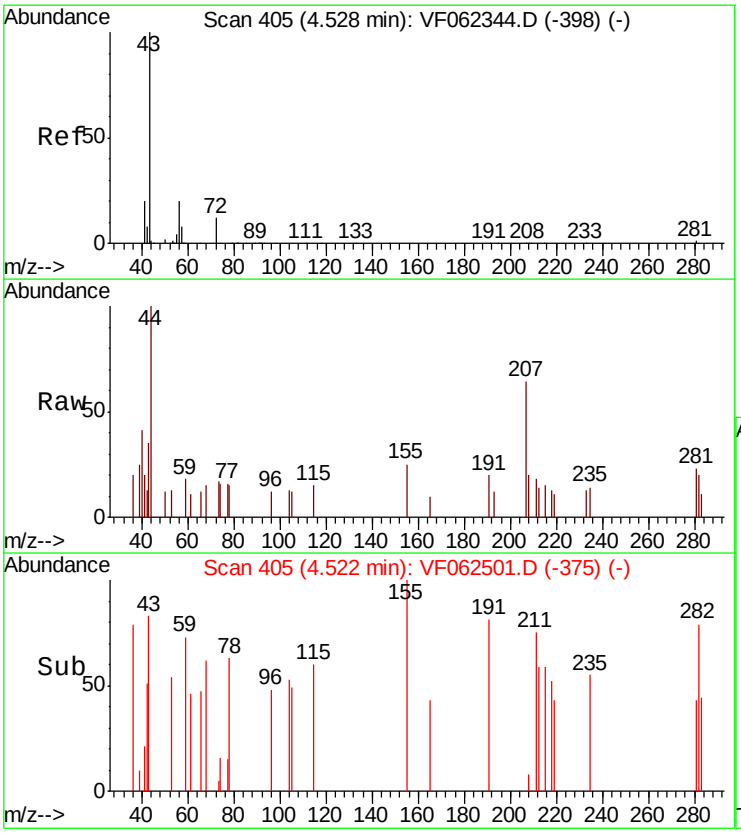
#24
1,1-Dichloroethane
Concen: 3.533 ug/l
RT: 3.02 min Scan# 253
Delta R.T. 0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 63 Resp: 483

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.6	8.0#
100	42.3	1.8	5.4#

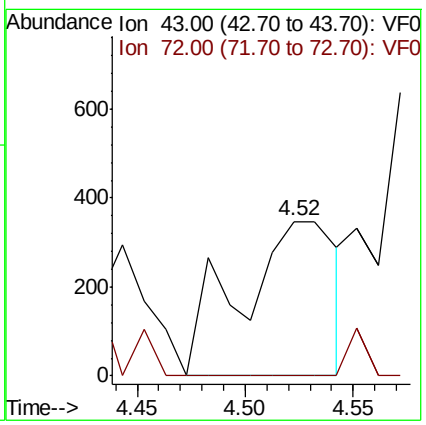


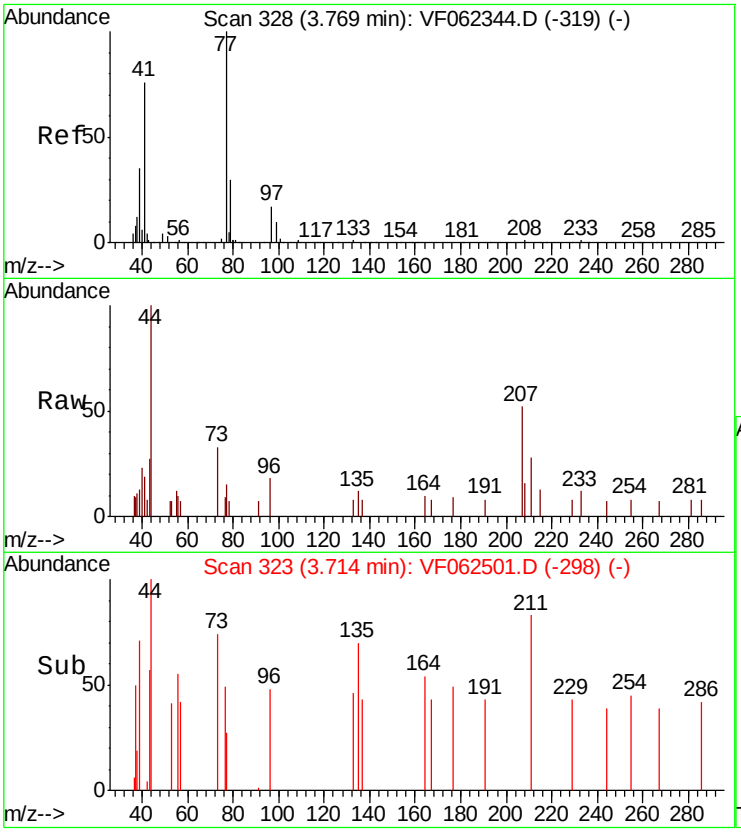


#25
2-Butanone
Concen: 41.807 ug/l
RT: 4.52 min Scan# 405
Delta R.T. -0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 43 Resp: 1073

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



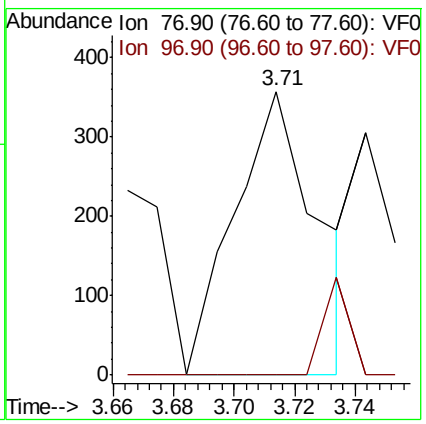


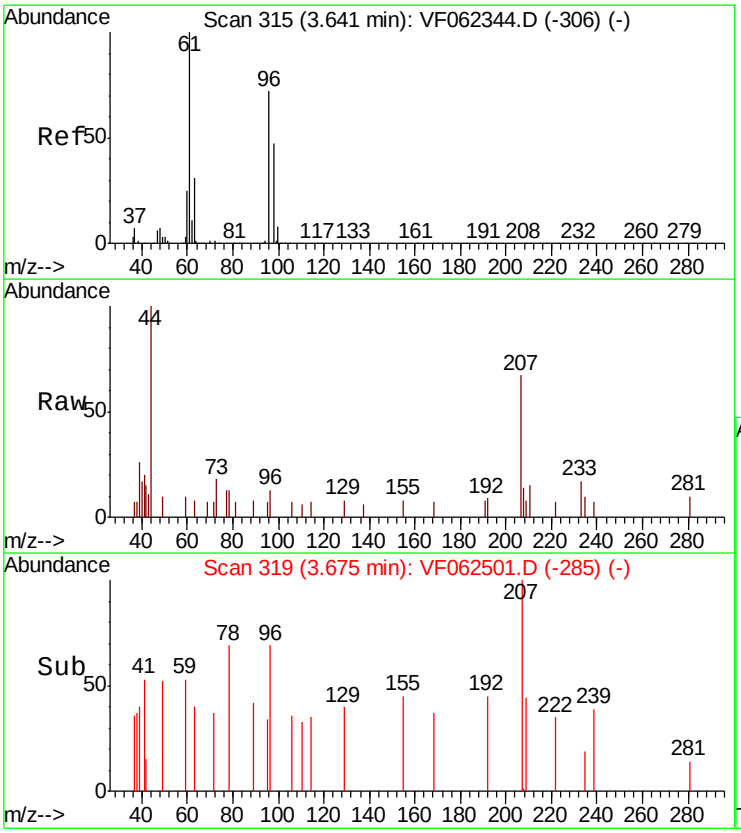
#26
2,2-Dichloropropane
Concen: 8.802 ug/l
RT: 3.71 min Scan# 323
Delta R.T. -0.06 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 77 Resp: 672

Ion	Ratio	Lower	Upper
77	100		
97	10.9	9.5	28.5

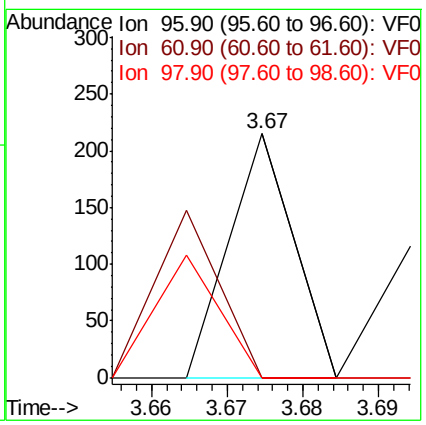


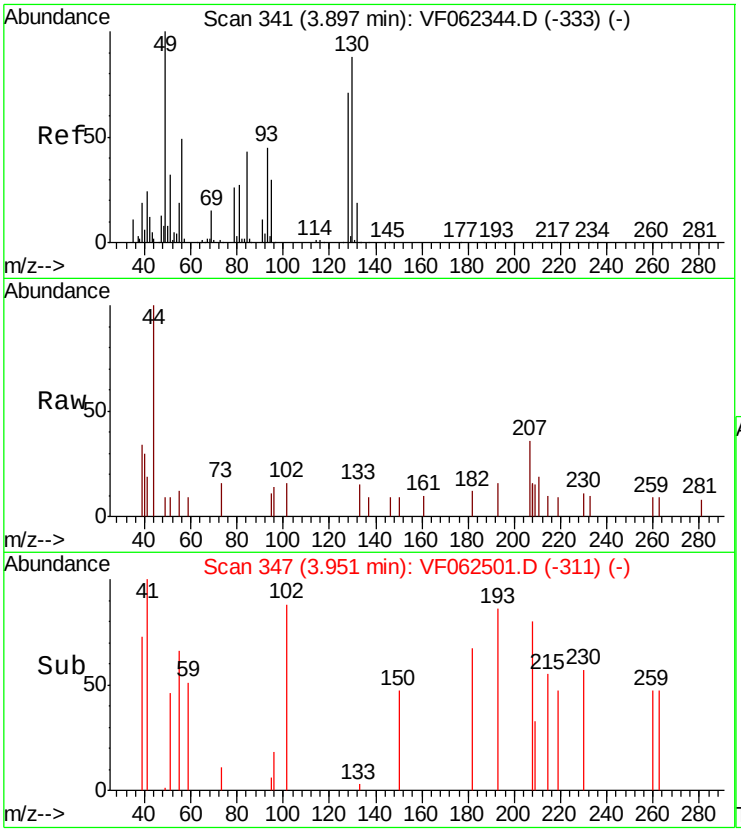


#27
cis-1,2-Dichloroethene
Concen: 1.302 ug/l
RT: 3.67 min Scan# 319
Delta R.T. 0.03 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 96 Resp: 127

Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	263.0
98	50.4	0.0	130.8



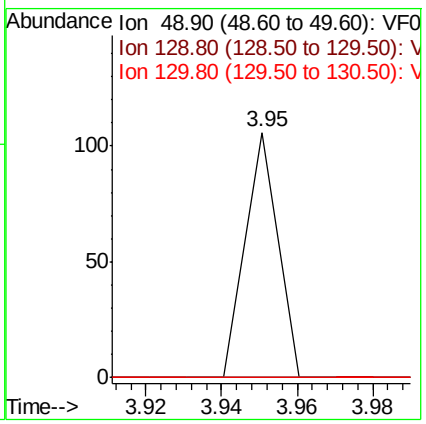


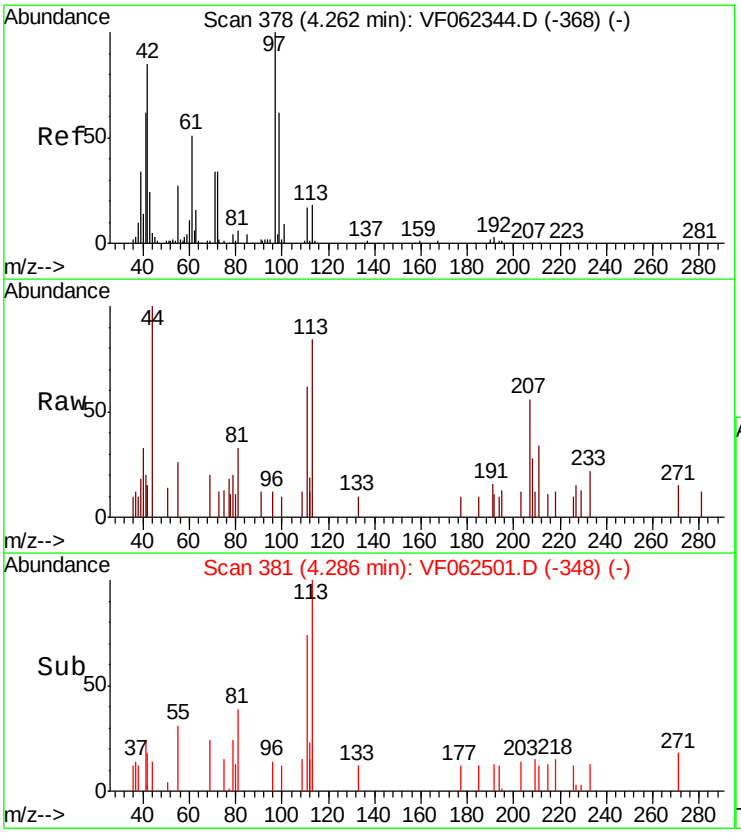
#28
Bromochloromethane
Concen: 1.016 ug/l
RT: 3.95 min Scan# 347
Delta R.T. 0.05 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 49 Resp: 63

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	0.0	79.4	119.0#

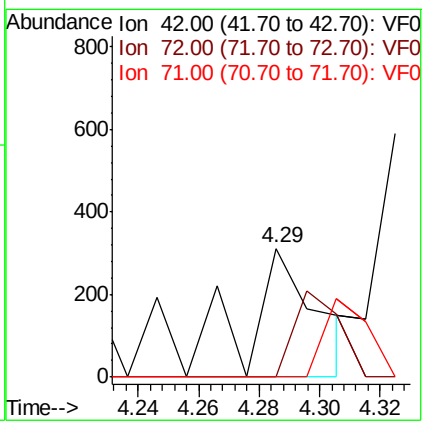


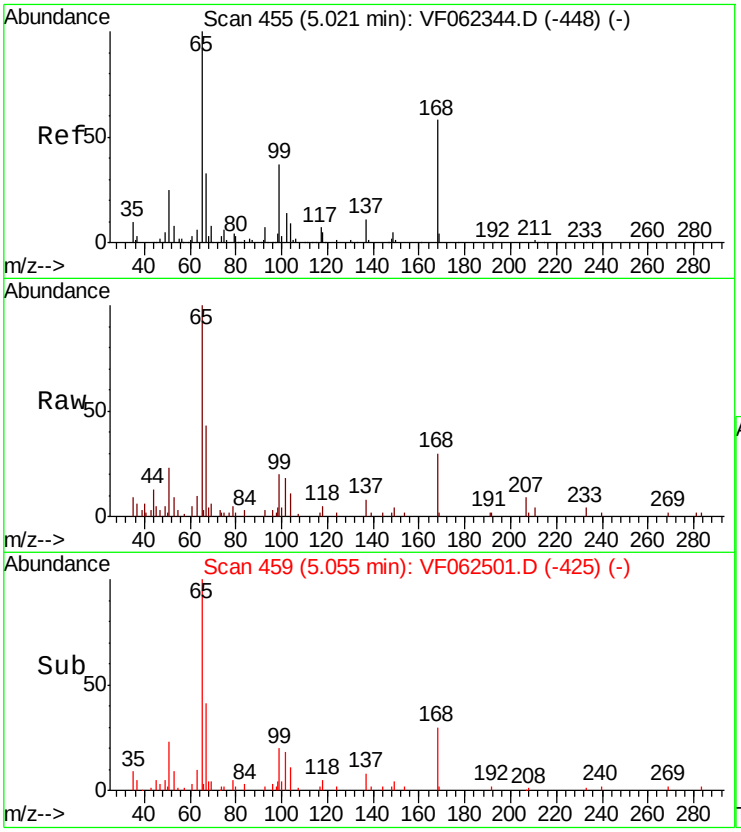


#29
Tetrahydrofuran
Concen: 42.388 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 42 Resp: 500

Ion	Ratio	Lower	Upper
42	100		
72	43.0	31.4	47.0
71	38.4	31.7	47.5



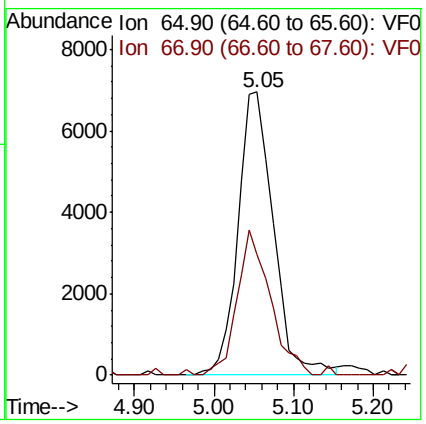


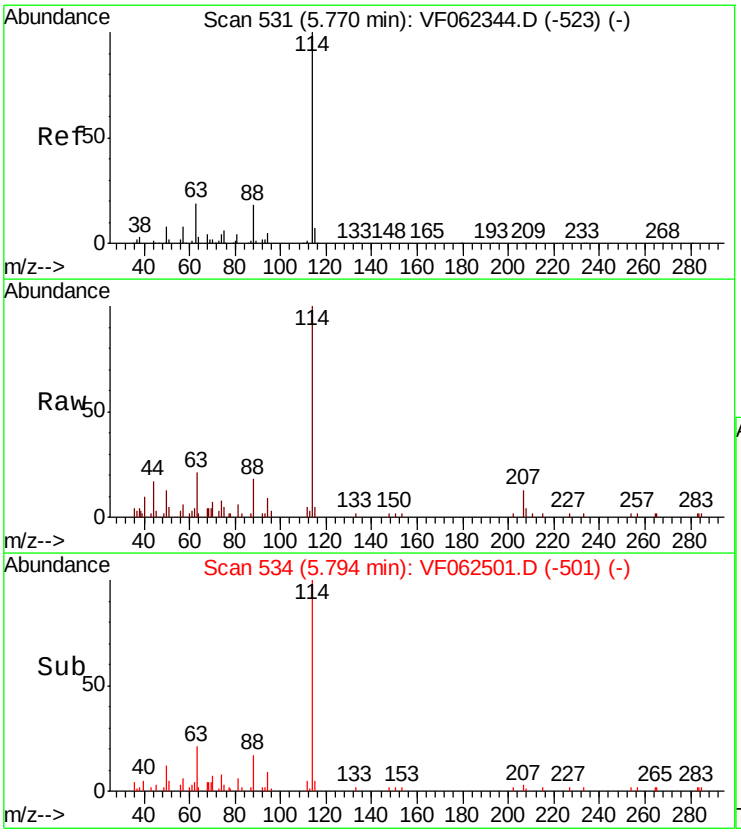
#33
1,2-Dichloroethane-d4
Concen: 211.324 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.03 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 65 Resp: 21341

Ion	Ratio	Lower	Upper
65	100		
67	48.0	0.0	85.8

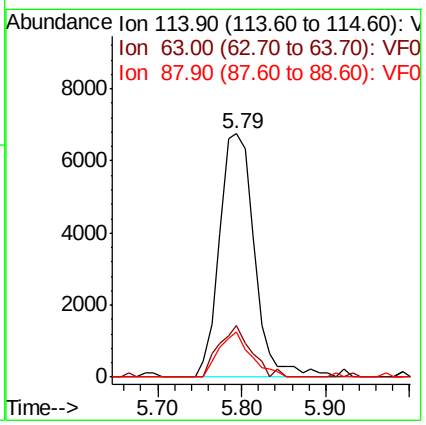


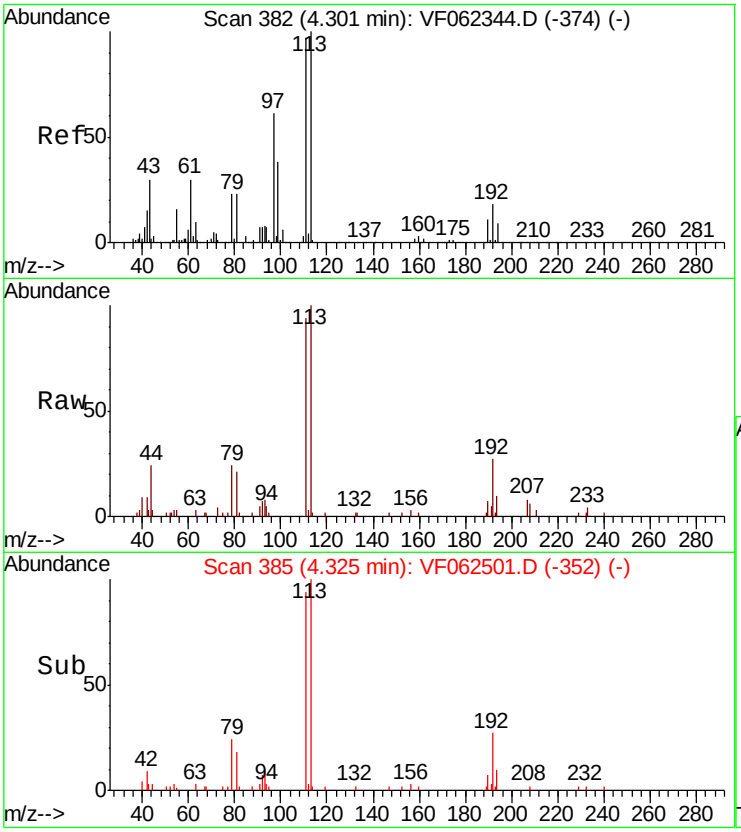


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion:114 Resp: 19589

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	37.4
88	18.5	0.0	36.4



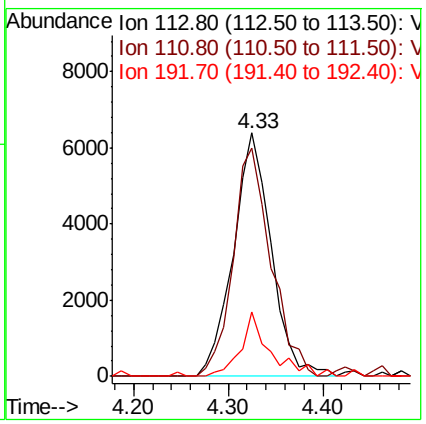


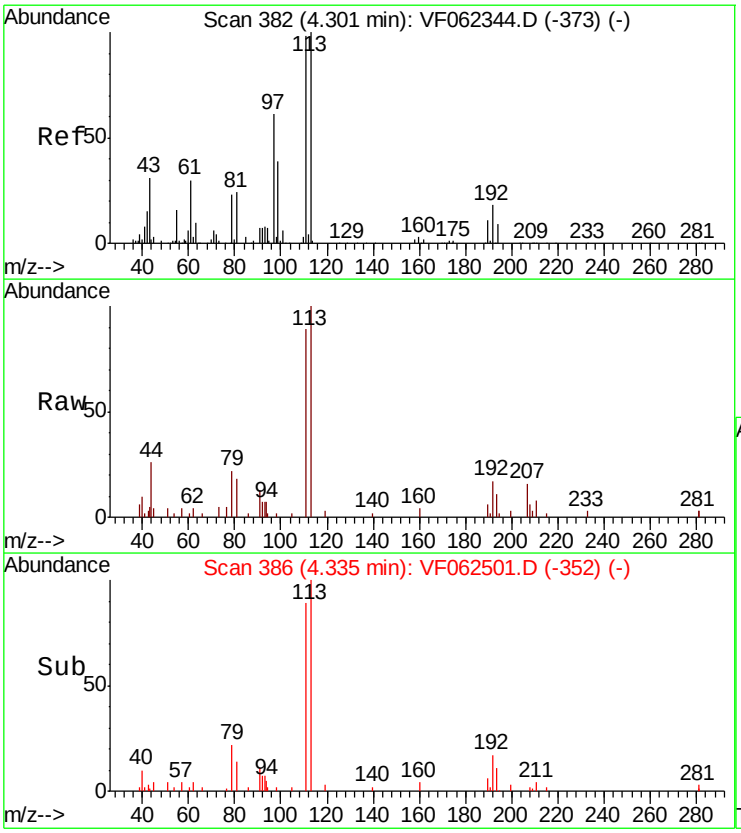
#35
Dibromofluoromethane
Concen: 113.916 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:113 Resp: 17778

Ion	Ratio	Lower	Upper
113	100		
111	93.6	79.4	119.0
192	20.4	16.0	24.0

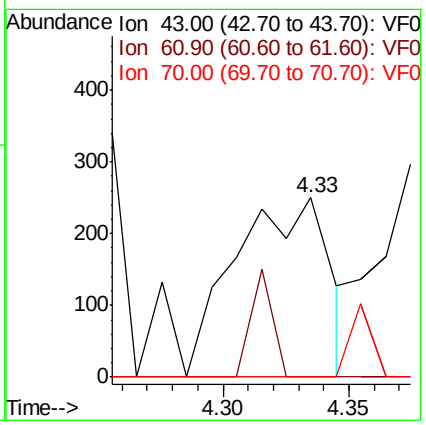


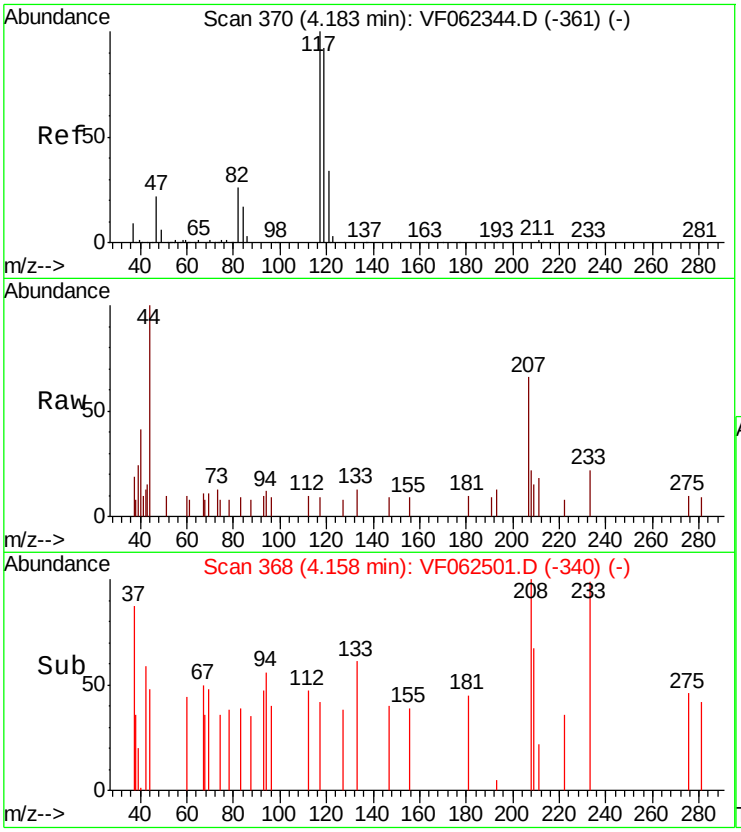


#37
Ethyl Acetate
Concen: 5.181 ug/l
RT: 4.33 min Scan# 386
Delta R.T. 0.03 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 43 Resp: 649

Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	9.2	8.2	12.2



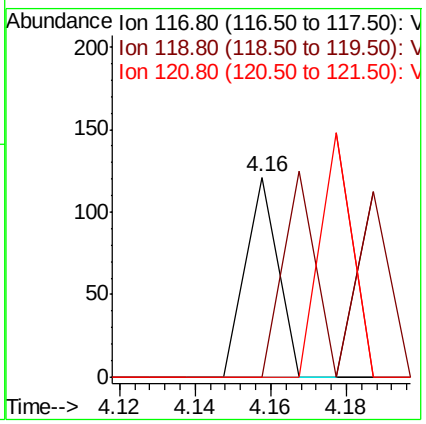


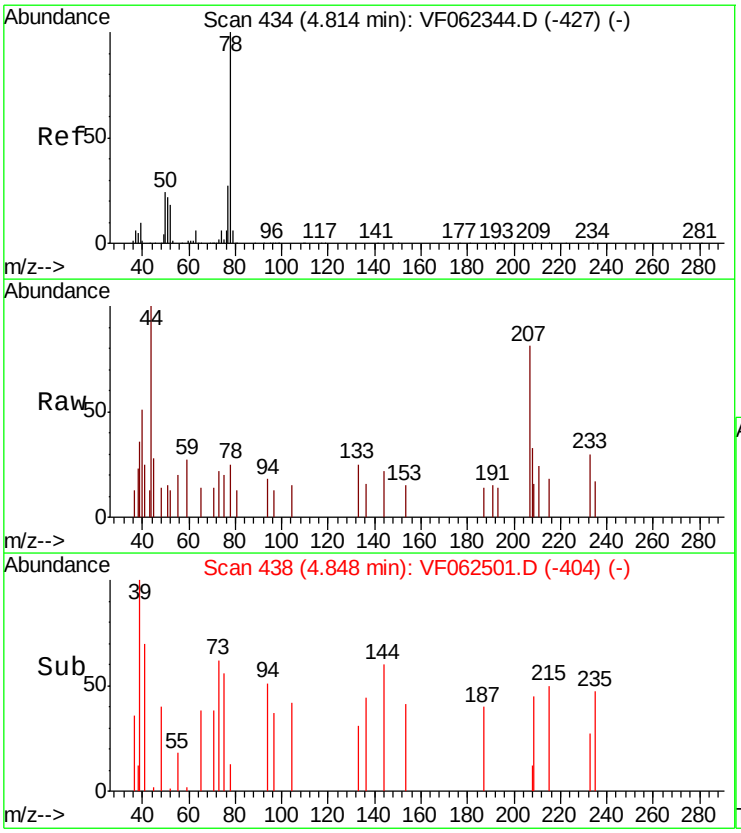
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.16 min Scan# 368
Delta R.T. -0.03 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0002-01

Tgt Ion:117 Resp: 72

Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.4	110.2#
121	0.0	27.4	41.0#

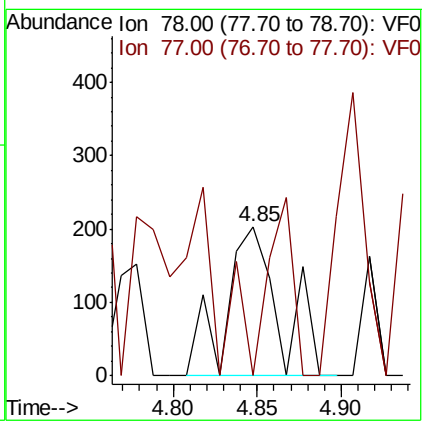


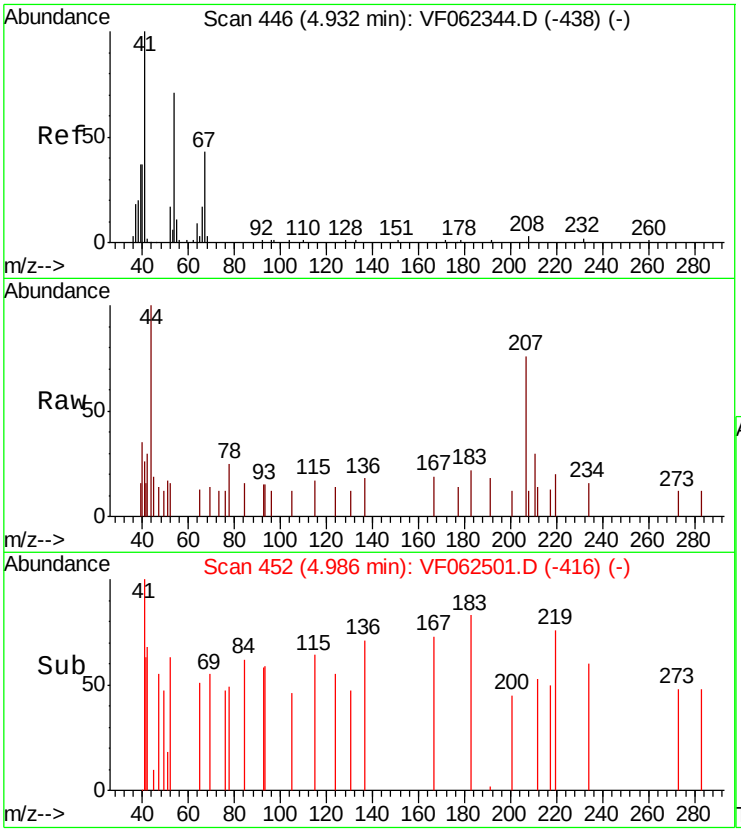


#40
Benzene
Concen: 1.217 ug/l
RT: 4.85 min Scan# 438
Delta R.T. 0.03 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 78 Resp: 451

Ion	Ratio	Lower	Upper
78	100		
77	0.0	21.6	32.4#



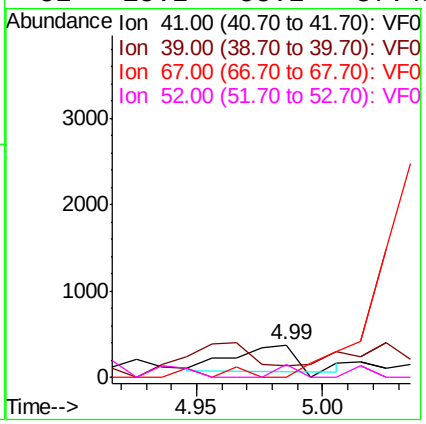


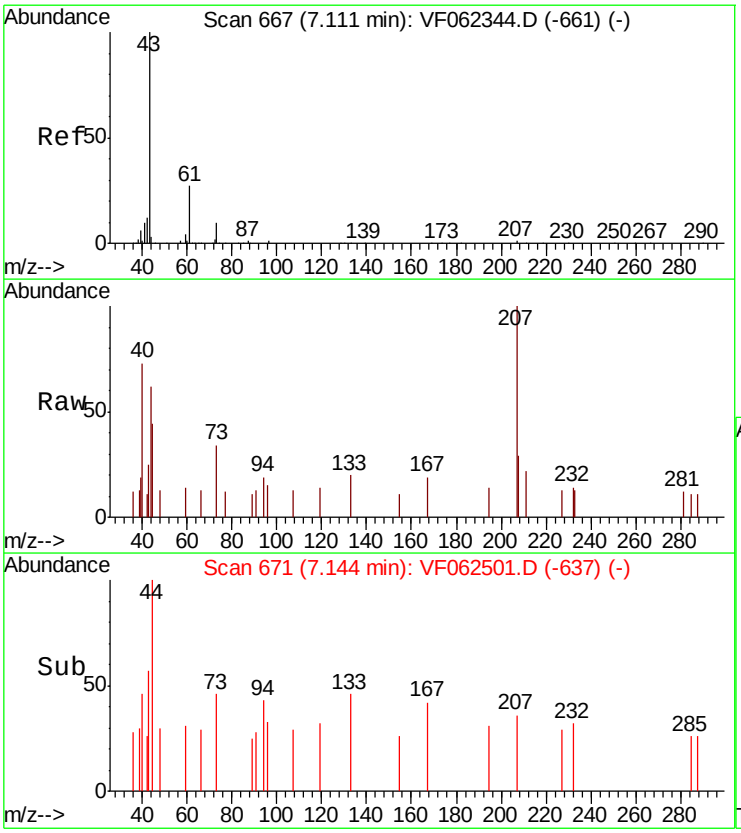
#41
Methacrylonitrile
Concen: 13.978 ug/l
RT: 4.99 min Scan# 452
Delta R.T. 0.05 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 41 Resp: 564

Ion	Ratio	Lower	Upper
41	100		
39	153.2	54.3	81.5#
67	0.0	37.8	56.8#
52	15.2	58.2	87.4#

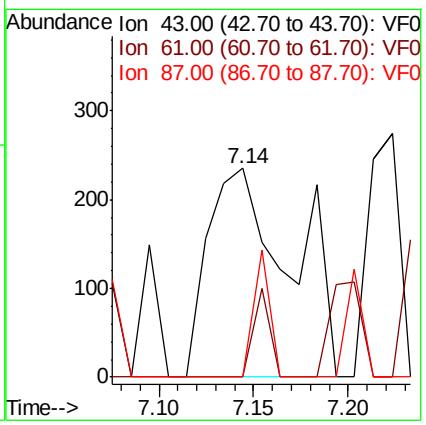


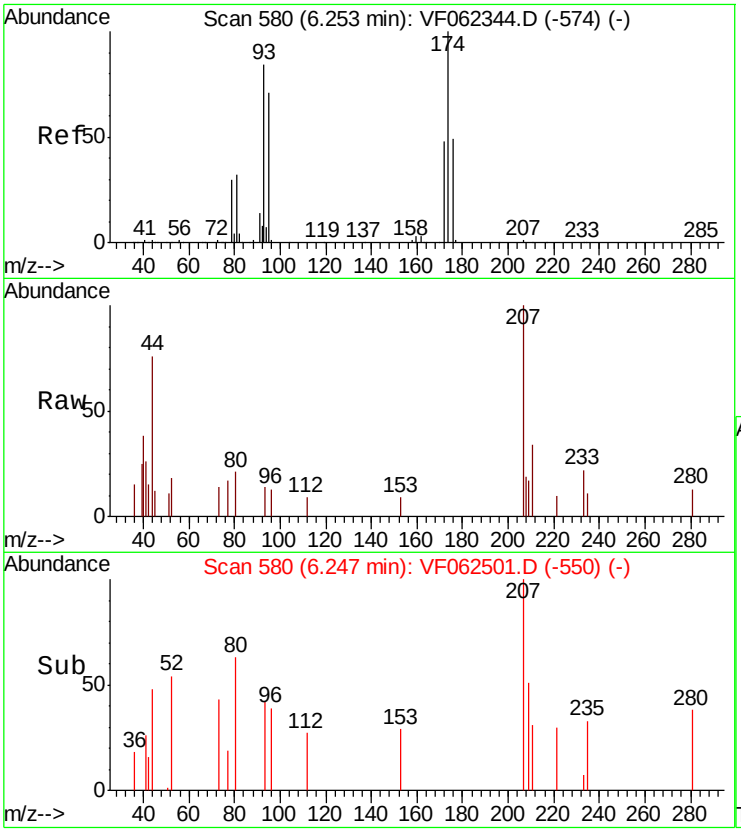


#43
Isopropyl Acetate
Concen: 9.315 ug/l
RT: 7.14 min Scan# 671
Delta R.T. 0.03 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 43 Resp: 713

Ion	Ratio	Lower	Upper
43	100		
61	8.3	22.8	34.2#
87	11.9	0.6	1.0#



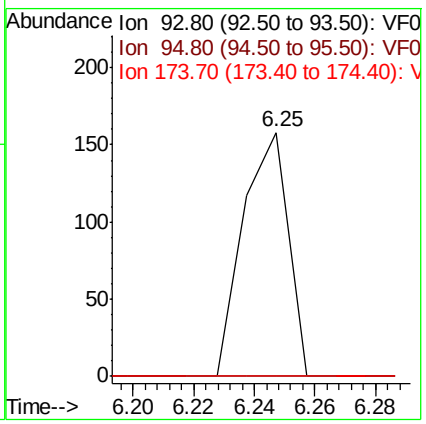


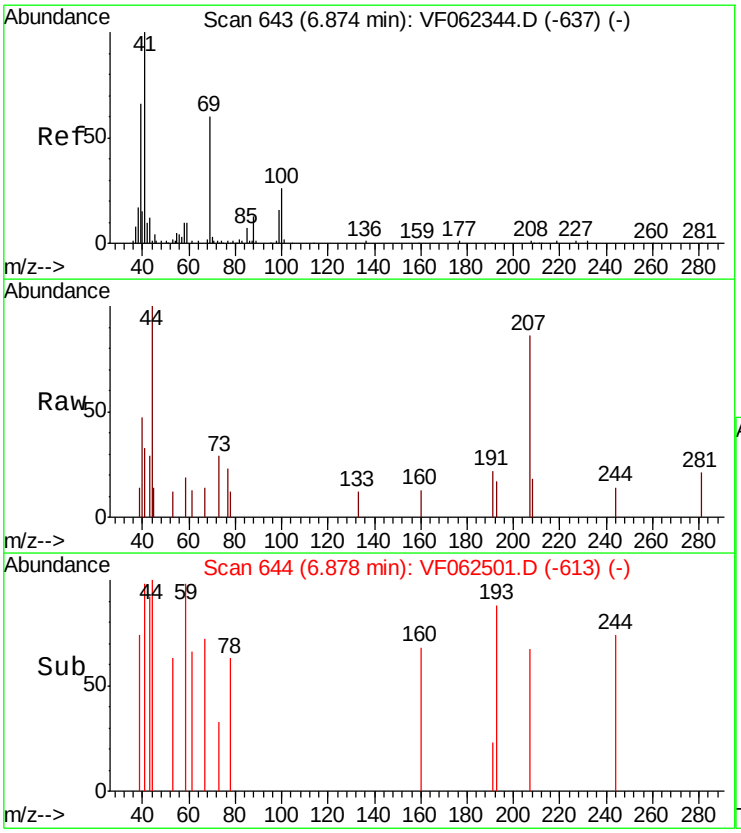
#46
Dibromomethane
Concen: 2.342 ug/l
RT: 6.25 min Scan# 580
Delta R.T. -0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0002-01

Tgt Ion: 93 Resp: 163

Ion	Ratio	Lower	Upper
93	100		
95	0.0	68.4	102.6#
174	0.0	99.6	149.4#

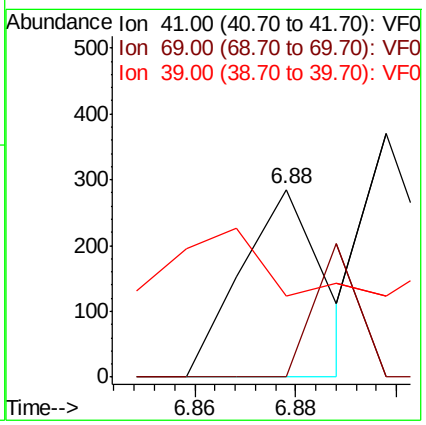


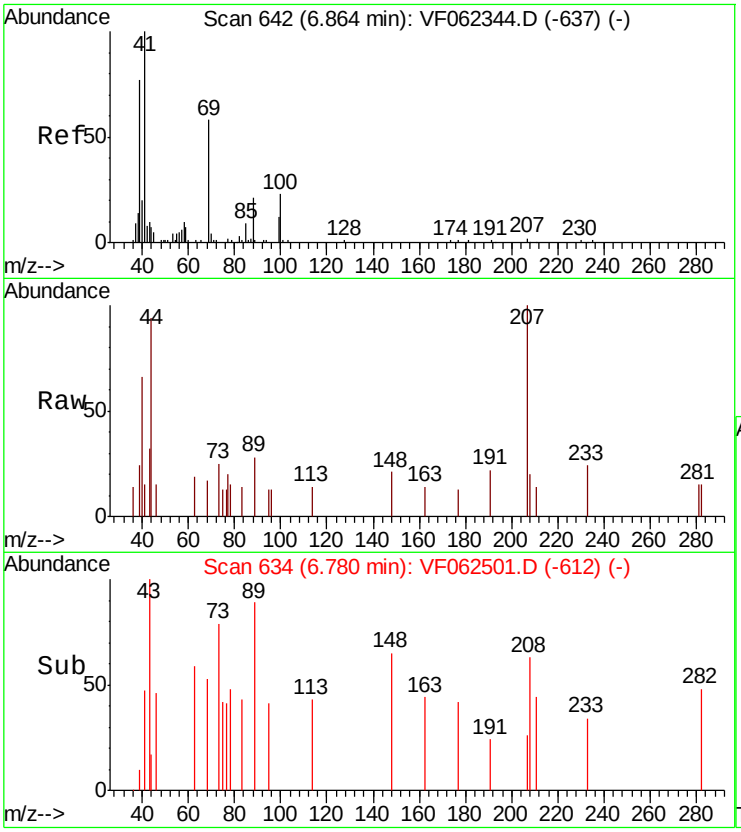


#48
Methyl methacrylate
Concen: 6.008 ug/l
RT: 6.88 min Scan# 644
Delta R.T. 0.00 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 41 Resp: 325

Ion	Ratio	Lower	Upper
41	100		
69	36.9	48.6	72.8#
39	0.0	56.1	84.1#



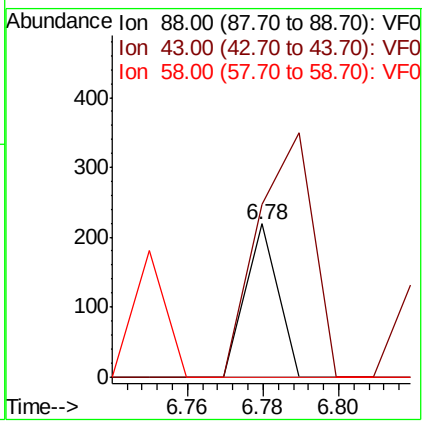


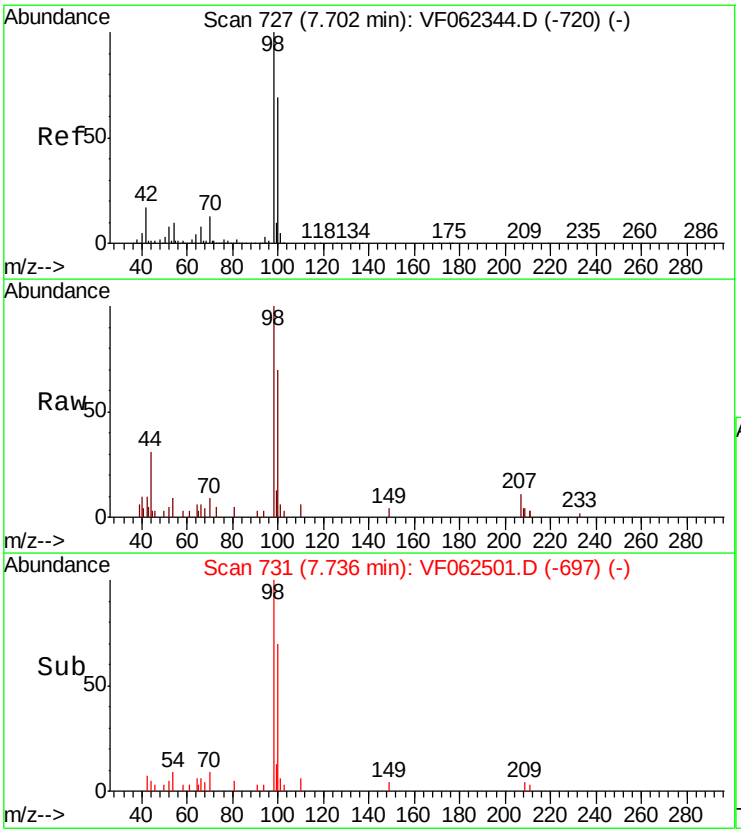
#49
1,4-Dioxane
Concen: 223.537 ug/l
RT: 6.78 min Scan# 634
Delta R.T. -0.08 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 88 Resp: 130

Ion	Ratio	Lower	Upper
88	100		
43	270.8	55.6	83.4#
58	0.0	52.8	79.2#

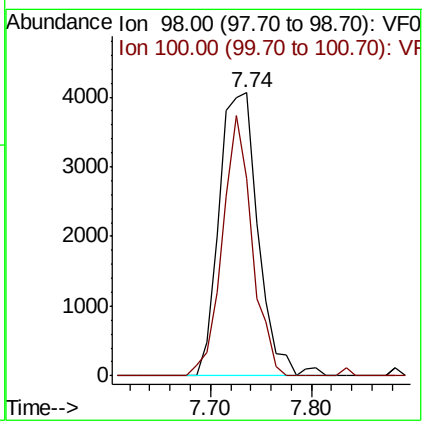


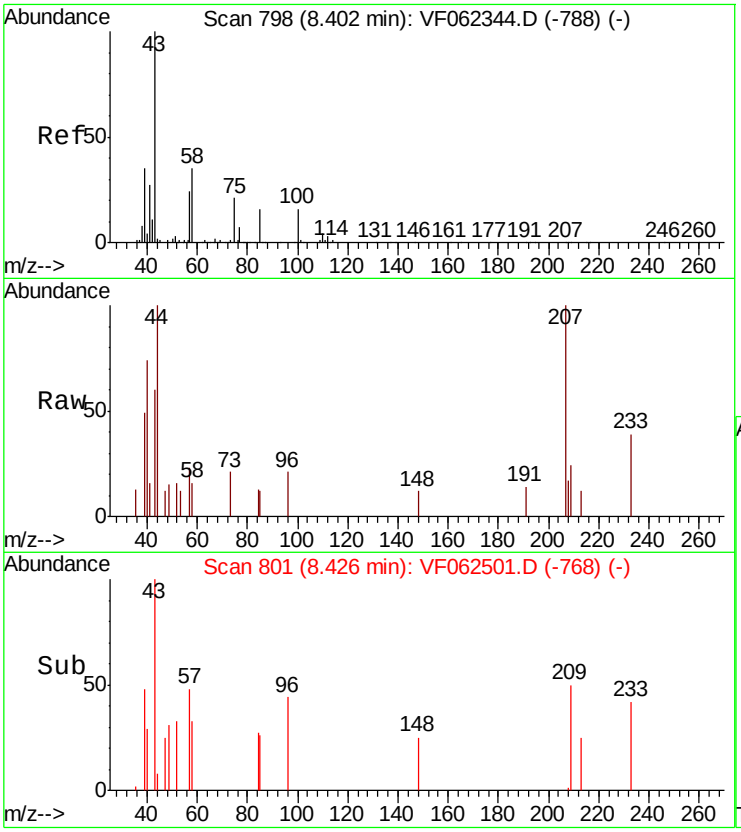


#50
Toluene-d8
Concen: 28.885 ug/l
RT: 7.74 min Scan# 731
Delta R.T. 0.03 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 98 Resp: 10912

Ion	Ratio	Lower	Upper
98	100		
100	69.8	53.3	79.9



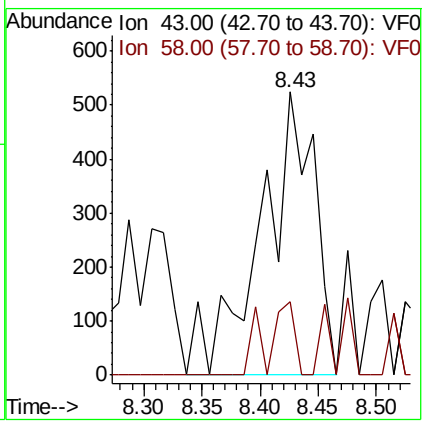


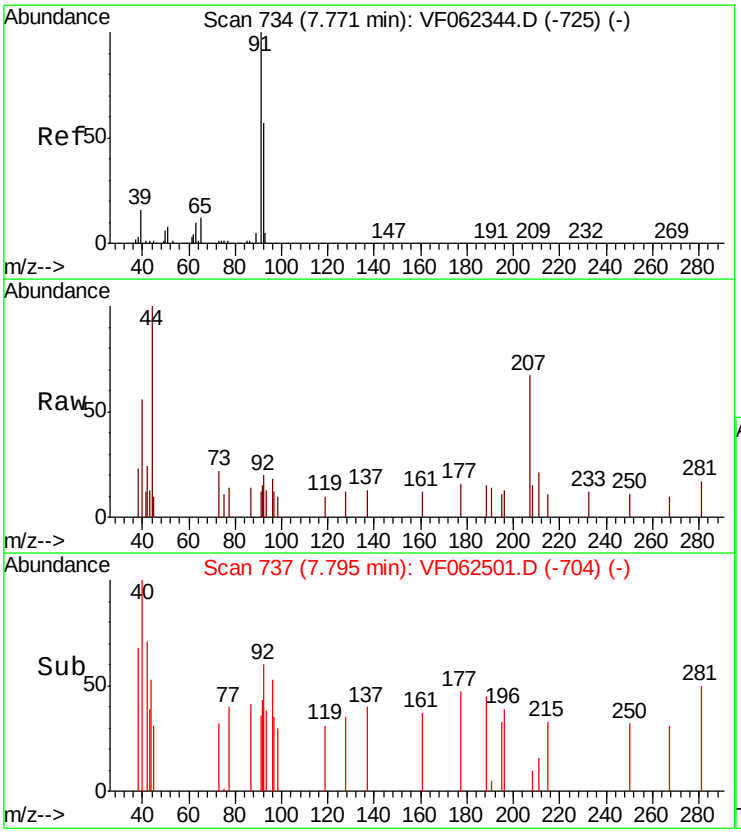
#51
4-Methyl-2-Pentanone
Concen: 28.915 ug/l
RT: 8.43 min Scan# 801
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 43 Resp: 1677

Ion	Ratio	Lower	Upper
43	100		
58	13.5	27.8	41.6#

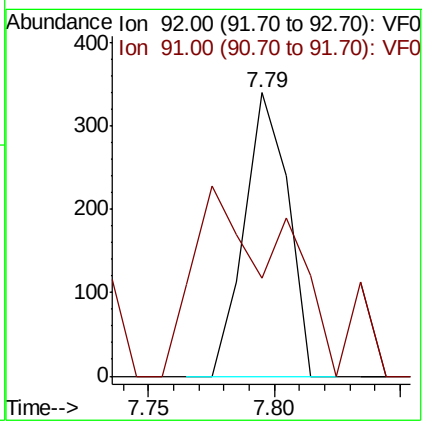


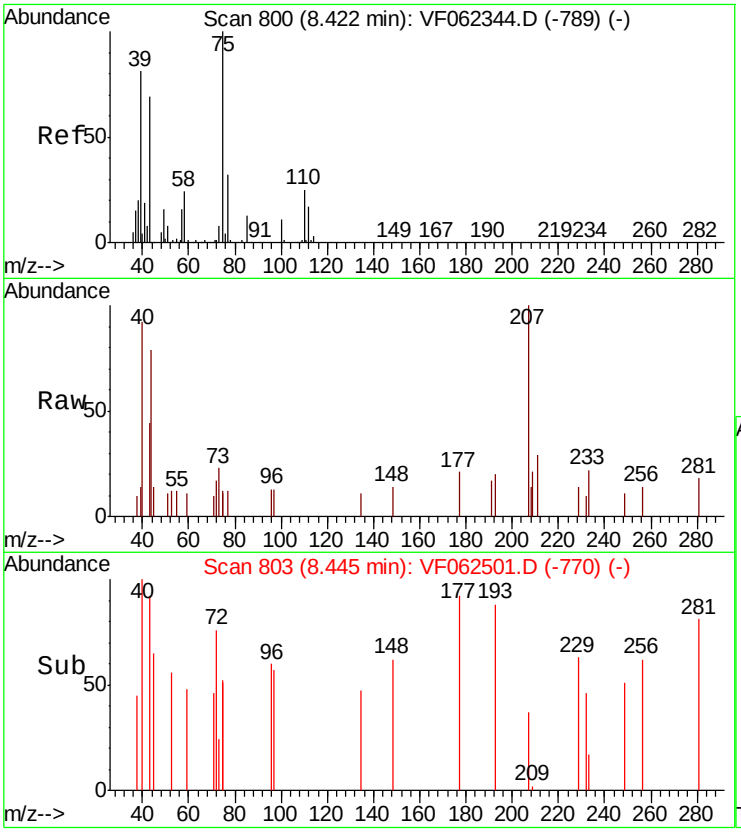


#52
Toluene
Concen: 1.789 ug/l
RT: 7.79 min Scan# 737
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 92 Resp: 409

Ion	Ratio	Lower	Upper
92	100		
91	151.6	138.7	208.1



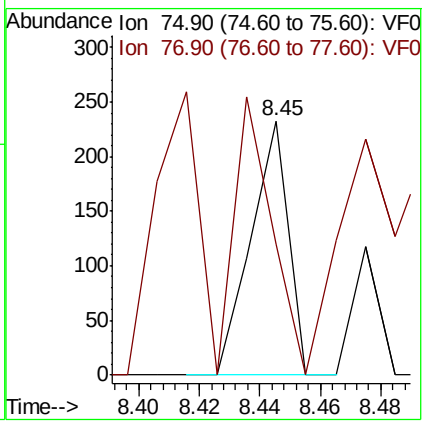


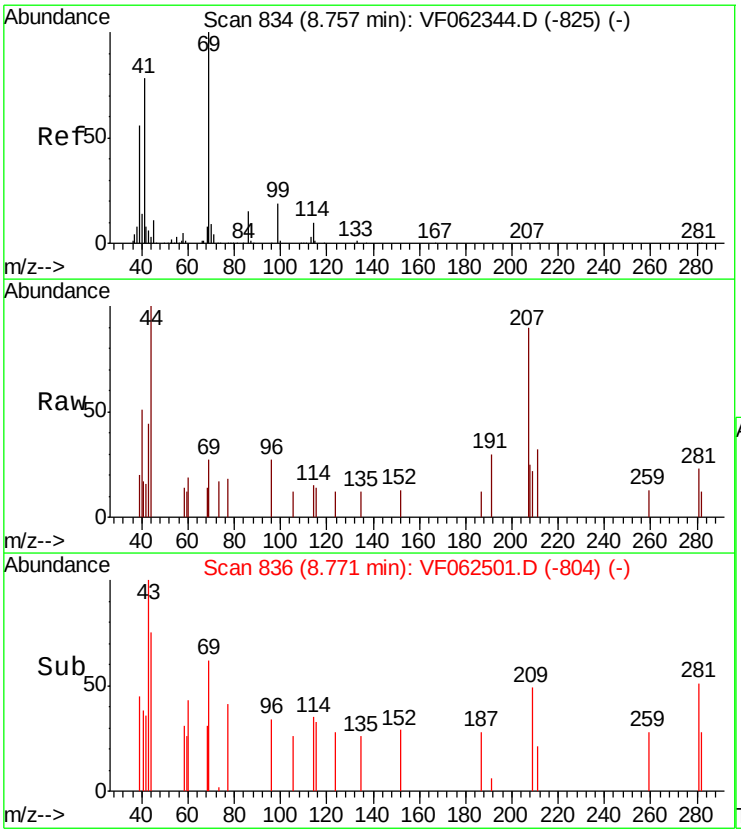
#53
t-1,3-Dichloropropene
Concen: 1.527 ug/l
RT: 8.45 min Scan# 803
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0002-01

Tgt Ion: 75 Resp: 201

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#

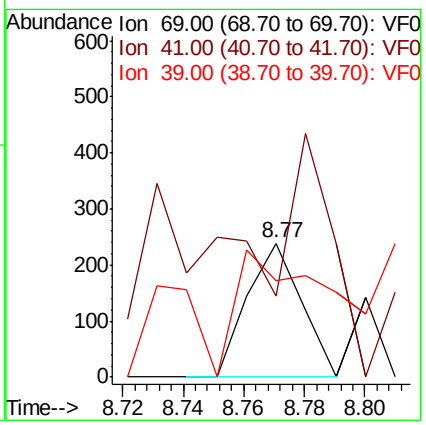


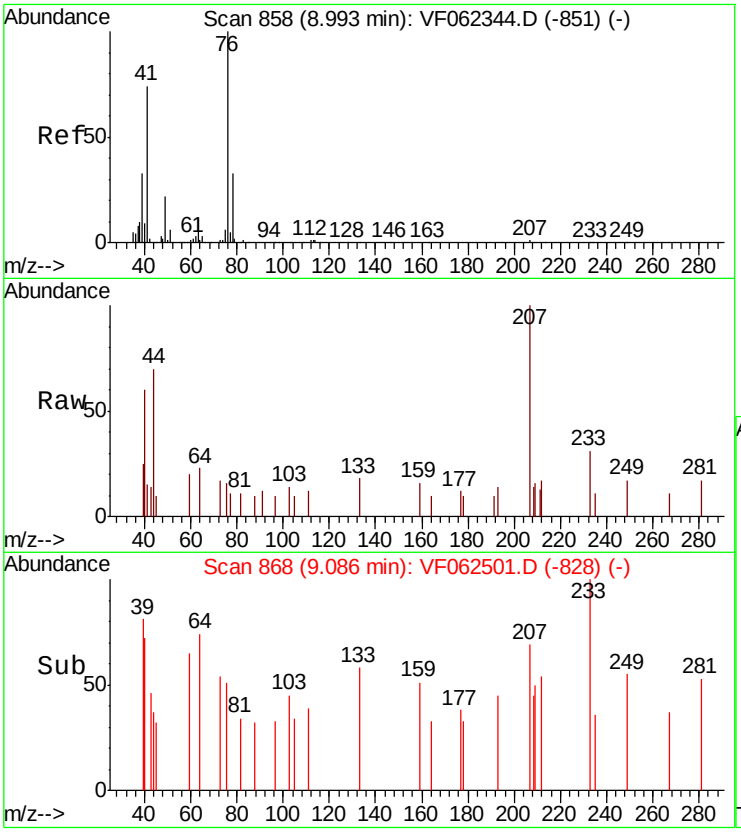


#56
Ethyl methacrylate
Concen: 3.890 ug/l
RT: 8.77 min Scan# 836
Delta R.T. 0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 69 Resp: 298

Ion	Ratio	Lower	Upper
69	100		
41	163.8	66.3	99.5#
39	167.4	50.1	75.1#



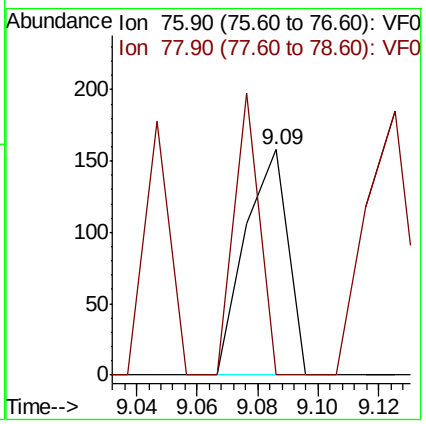


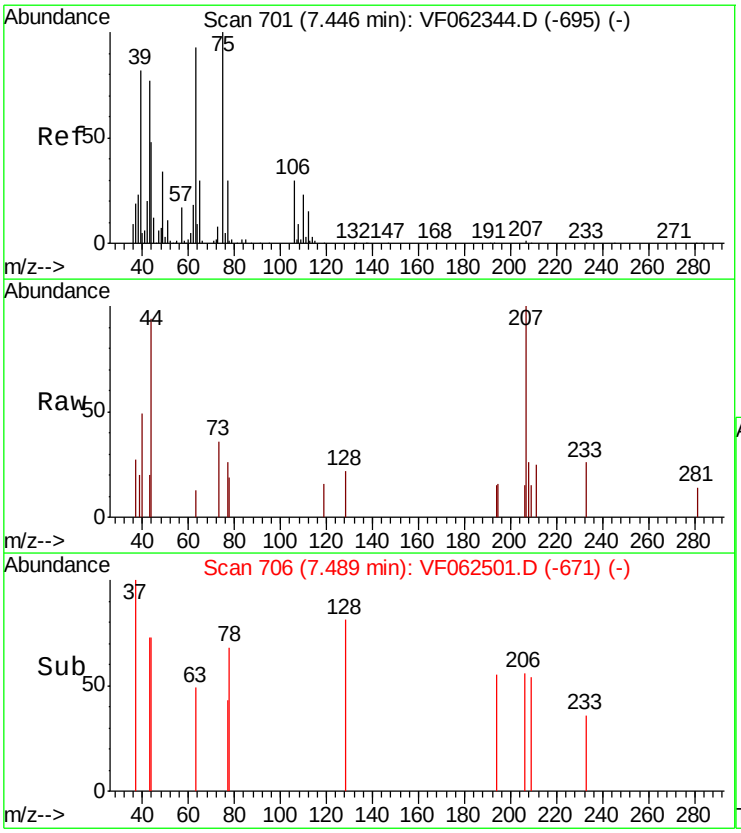
#57
1,3-Dichloropropane
Concen: 1.423 ug/l
RT: 9.09 min Scan# 868
Delta R.T. 0.09 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 76 Resp: 156

Ion	Ratio	Lower	Upper
76	100		
78	75.0	26.4	39.6#

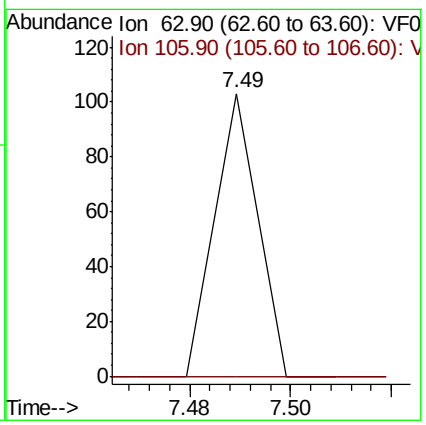


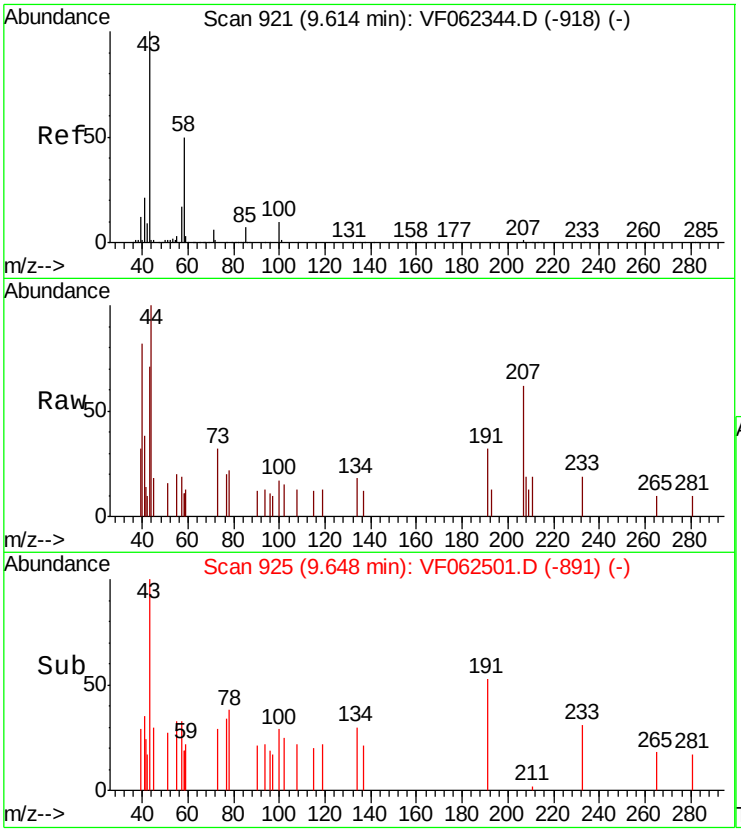


#58
2-Chloroethyl Vinyl ether
Concen: 2.649 ug/l
RT: 7.49 min Scan# 706
Delta R.T. 0.04 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 63 Resp: 61

Ion	Ratio	Lower	Upper
63	100		
106	0.0	25.8	38.8#



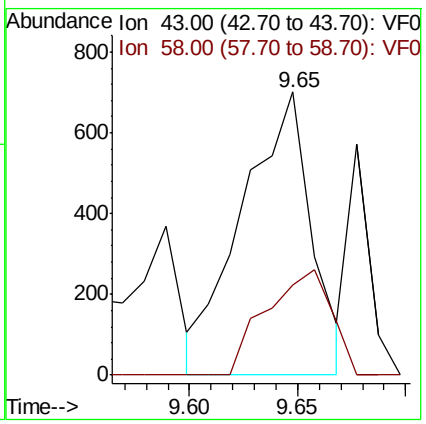


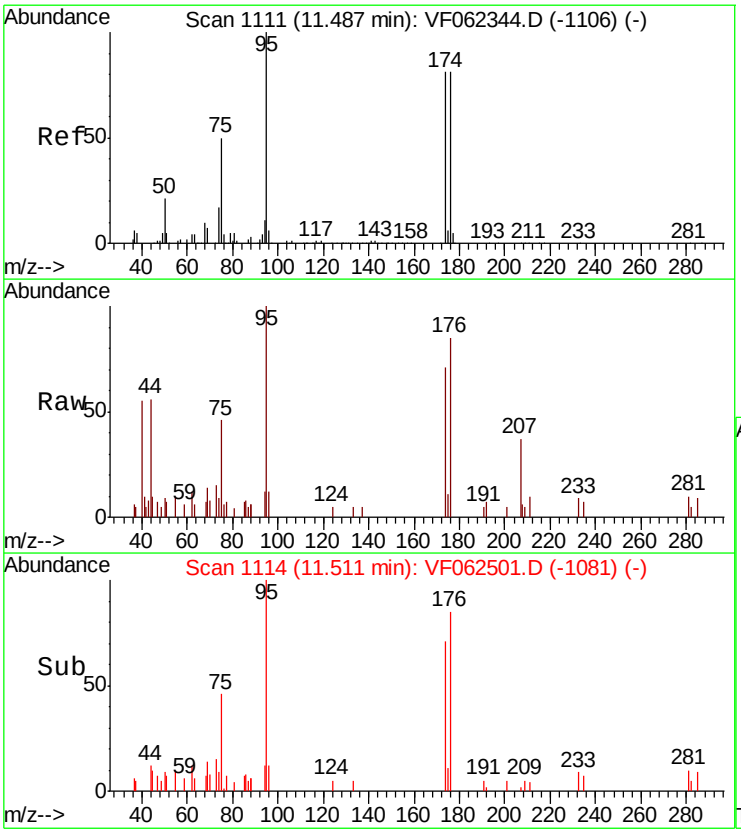
#59
2-Hexanone
Concen: 39.041 ug/l
RT: 9.65 min Scan# 925
Delta R.T. 0.03 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 43 Resp: 1566

Ion	Ratio	Lower	Upper
43	100		
58	35.1	24.3	73.0

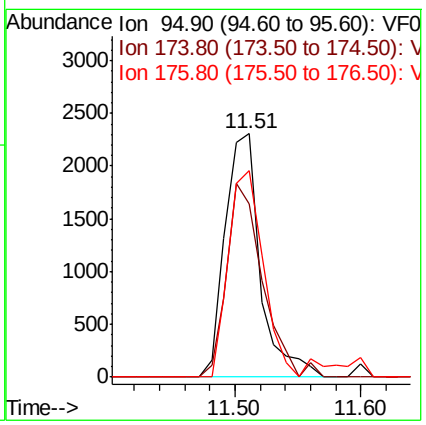


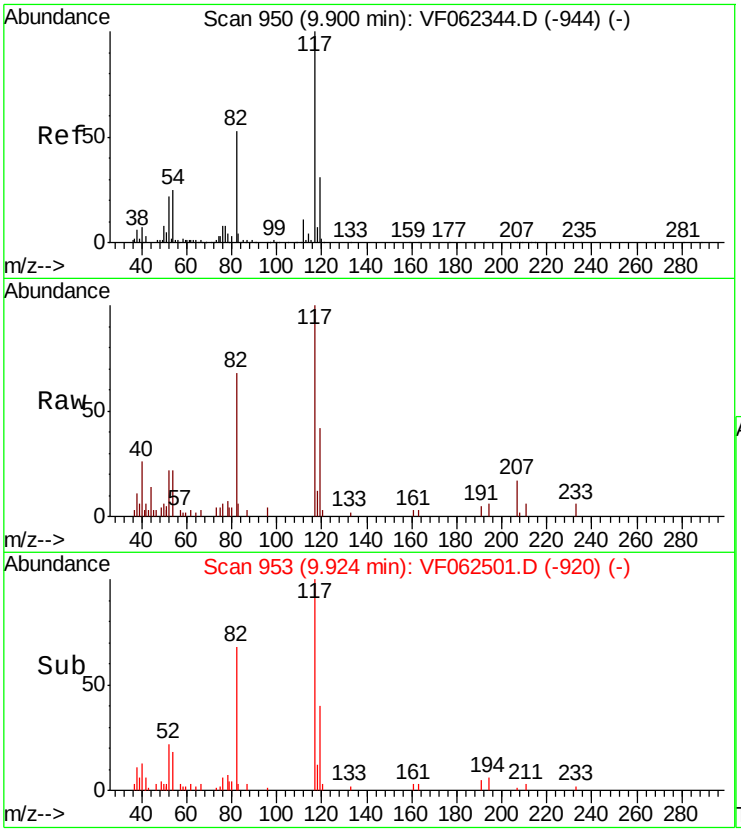


#62
4-Bromofluorobenzene
Concen: 26.033 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 95 Resp: 4437

Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	191.8
176	83.6	0.0	193.2



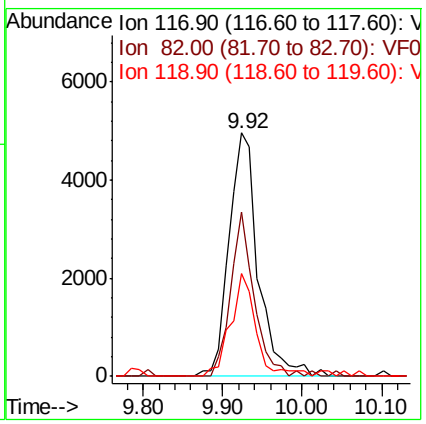


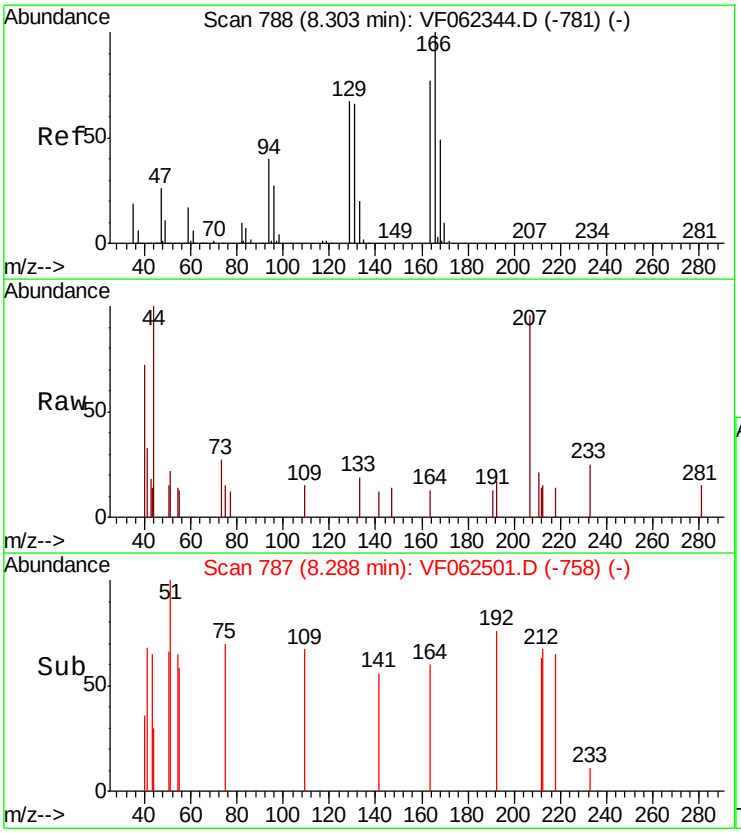
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0002-01

Tgt Ion:117 Resp: 12713

Ion	Ratio	Lower	Upper
117	100		
82	67.6	42.2	63.2#
119	42.2	25.0	37.4#

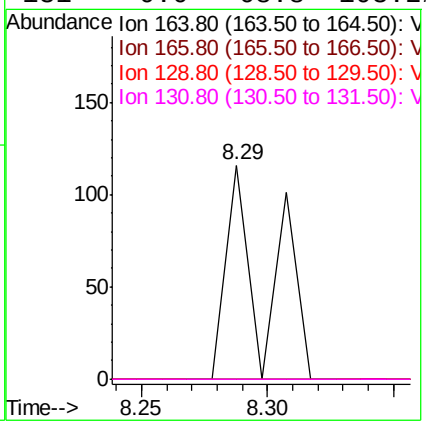


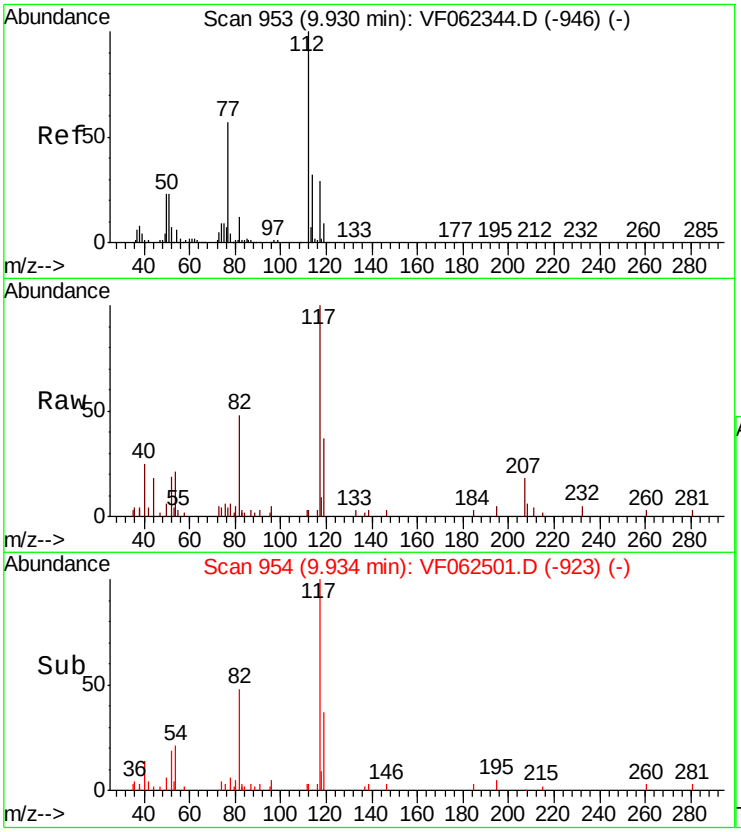


#64
Tetrachloroethene
Concen: 1.240 ug/l
RT: 8.29 min Scan# 787
Delta R.T. -0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion:164 Resp: 128

Ion	Ratio	Lower	Upper
164	100		
166	0.0	104.2	156.4#
129	0.0	69.6	104.4#
131	0.0	68.8	103.2#



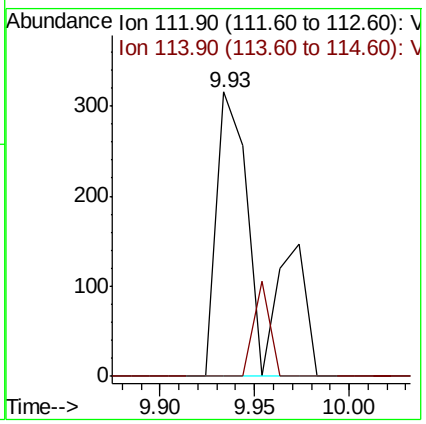


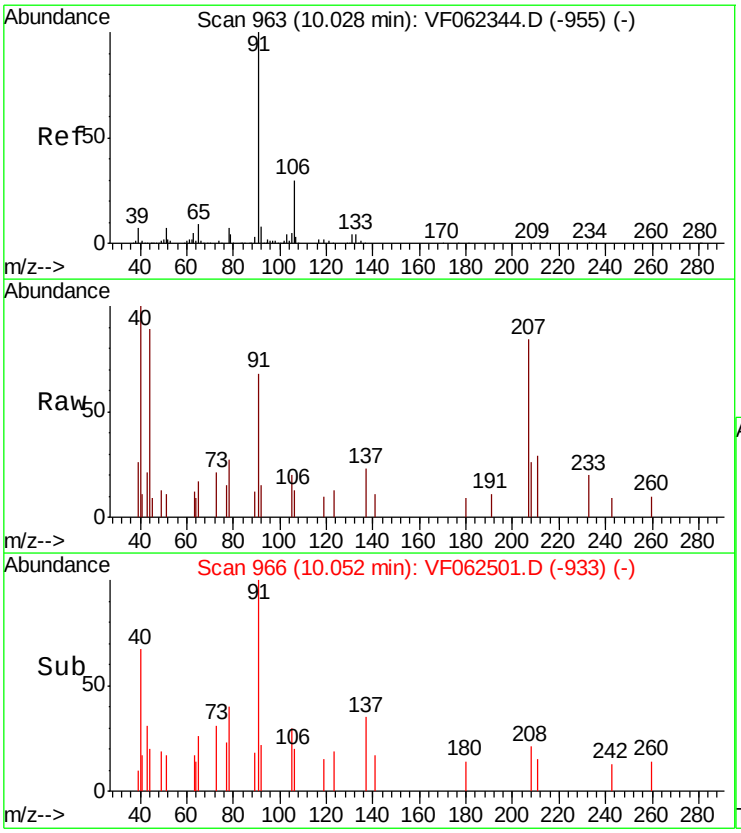
#65
Chlorobenzene
Concen: 2.358 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.00 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:112 Resp: 496

Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.4	38.0#

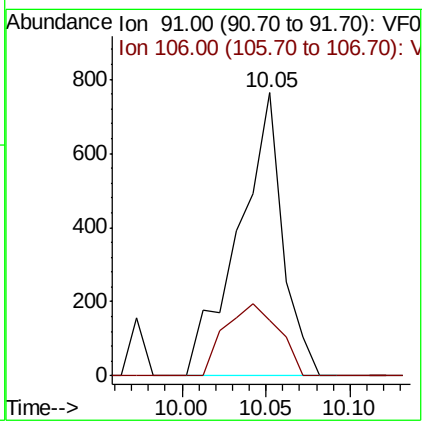


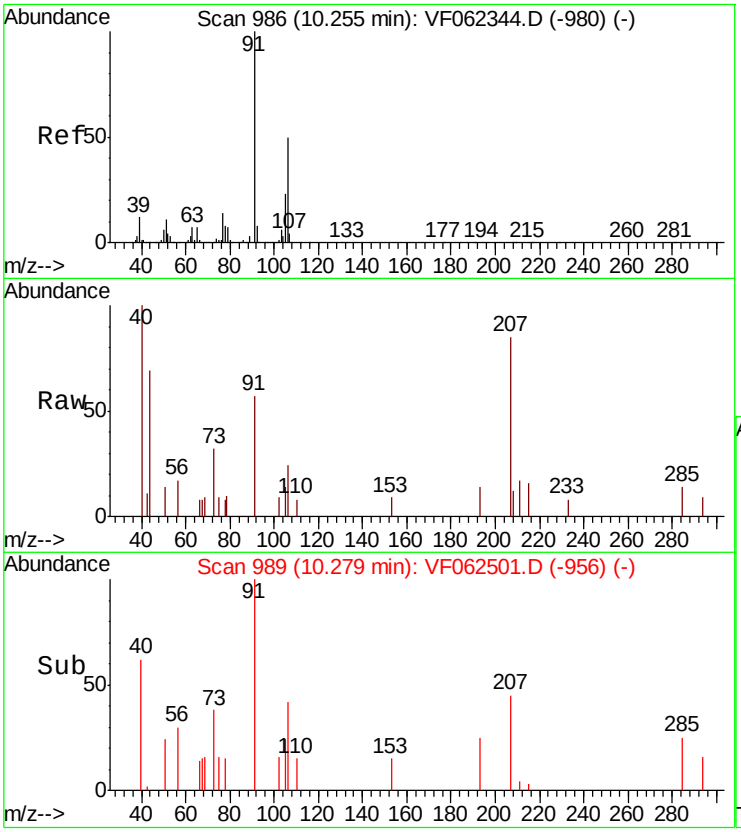


#67
Ethyl Benzene
Concen: 3.782 ug/l
RT: 10.05 min Scan# 966
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 91 Resp: 1393

Ion	Ratio	Lower	Upper
91	100		
106	19.5	24.1	36.1#



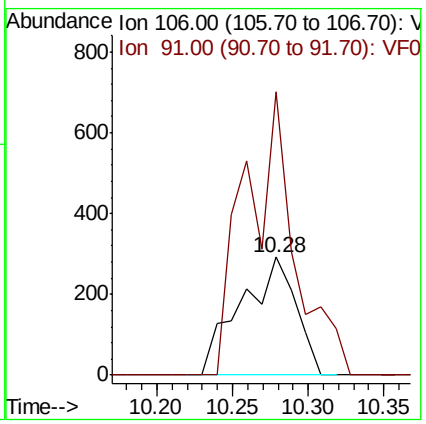


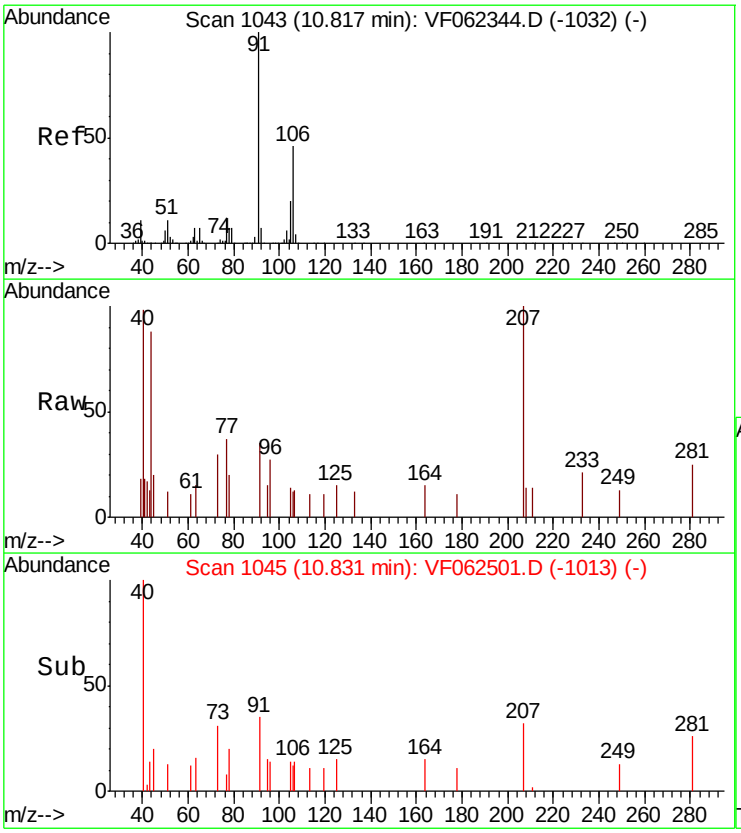
#68
m/p-Xylenes
Concen: 5.467 ug/l
RT: 10.28 min Scan# 989
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:106 Resp: 743

Ion	Ratio	Lower	Upper
106	100		
91	98.5	167.4	251.2#

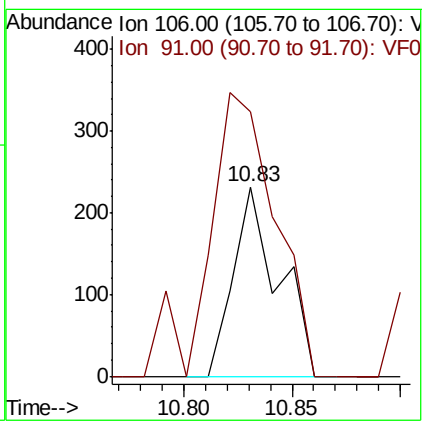


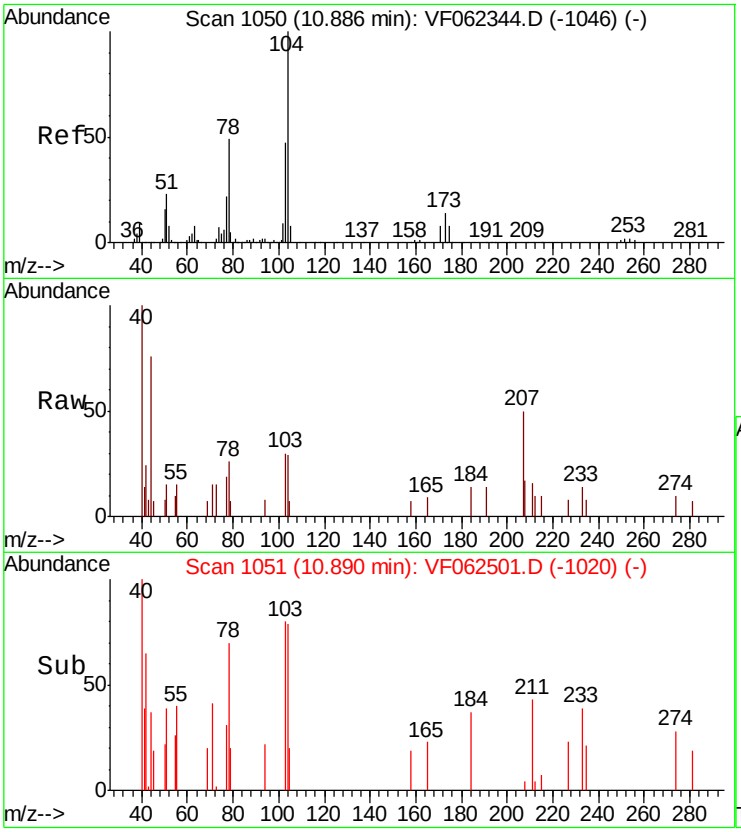


#69
o-Xylene
Concen: 2.302 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. 0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion:106 Resp: 338

Ion	Ratio	Lower	Upper
106	100		
91	221.9	111.3	333.8



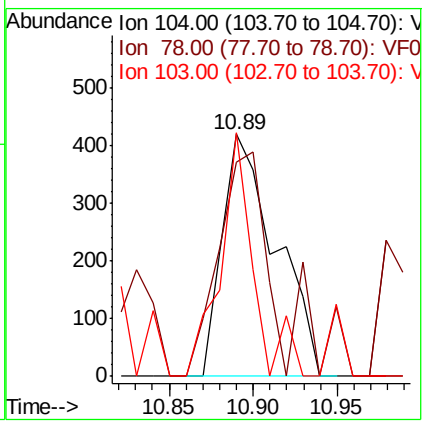


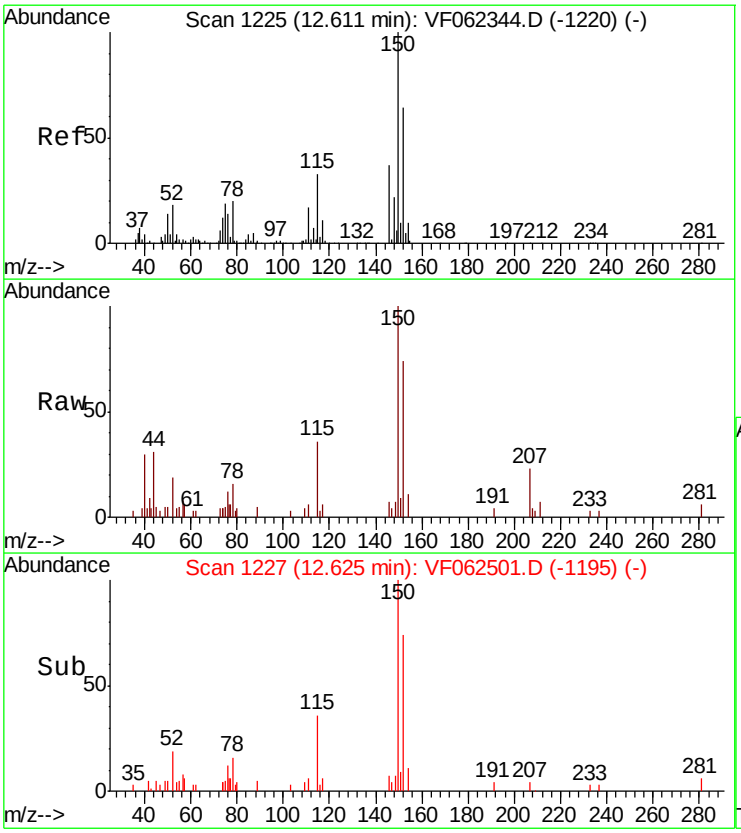
#70
Stvrene
Concen: 4.212 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:104 Resp: 927

Ion	Ratio	Lower	Upper
104	100		
78	79.6	39.5	59.3#
103	61.8	38.4	57.6#

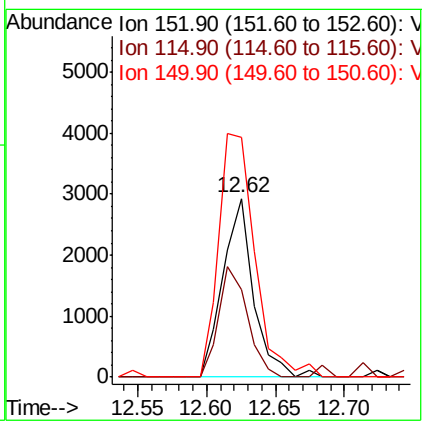


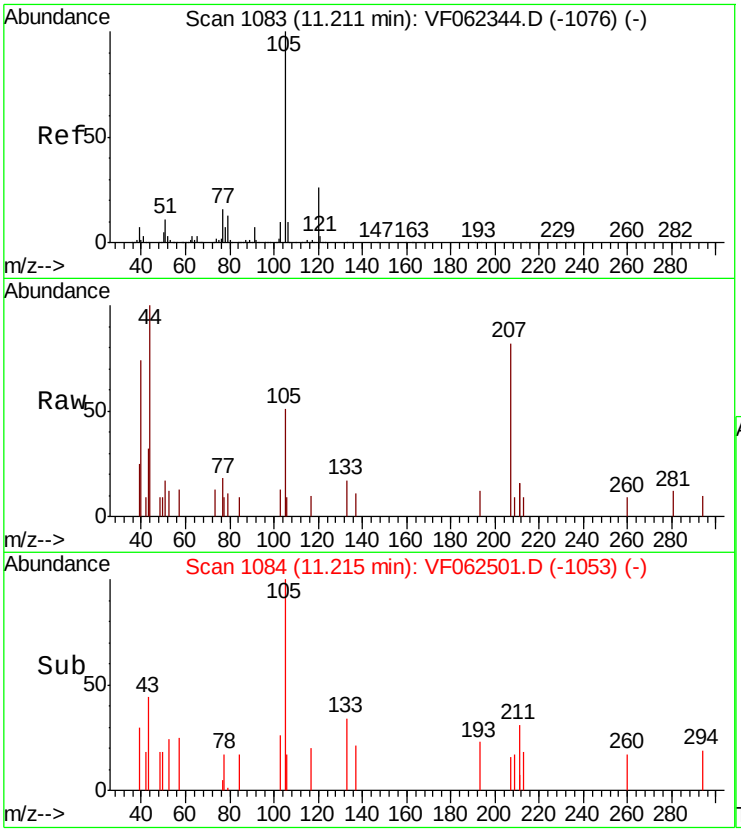


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion:152 Resp: 4540

Ion	Ratio	Lower	Upper
152	100		
115	57.8	26.4	79.2
150	160.8	0.0	335.0



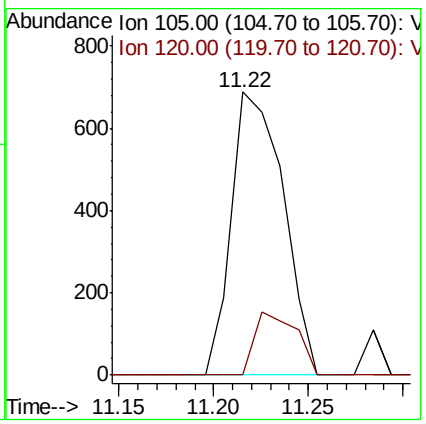


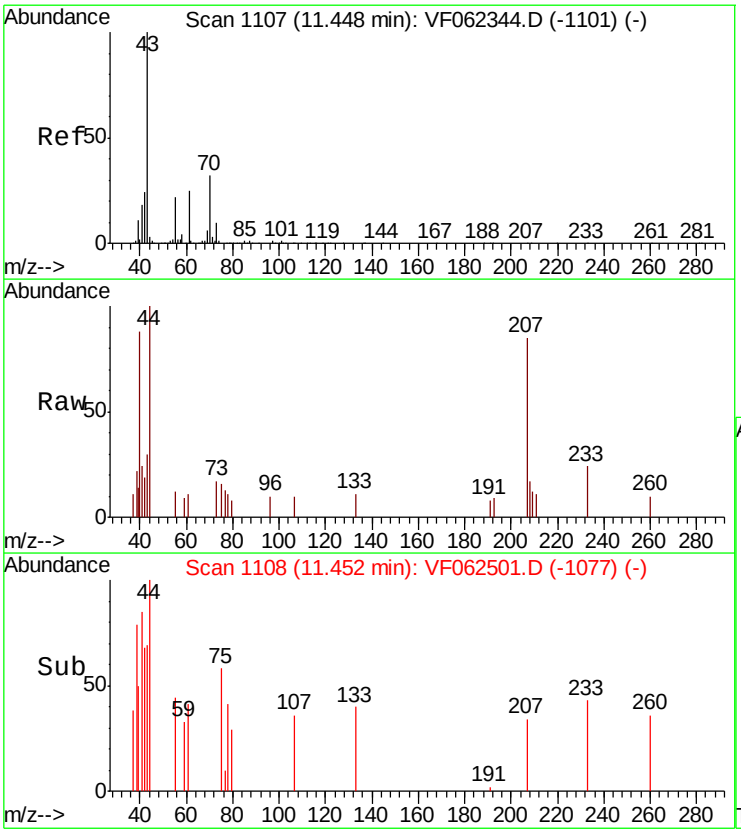
#73
Isopropylbenzene
Concen: 4.856 ug/l
RT: 11.22 min Scan# 1084
Delta R.T. 0.00 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:105 Resp: 1307

Ion	Ratio	Lower	Upper
105	100		
120	17.9	12.7	38.0

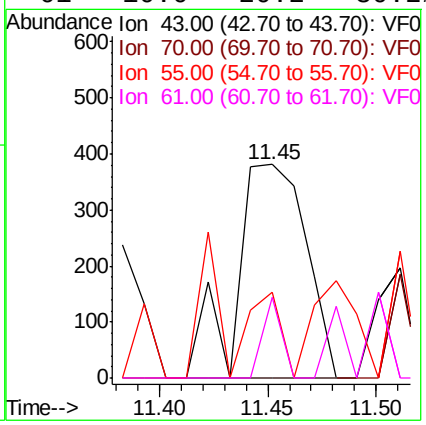


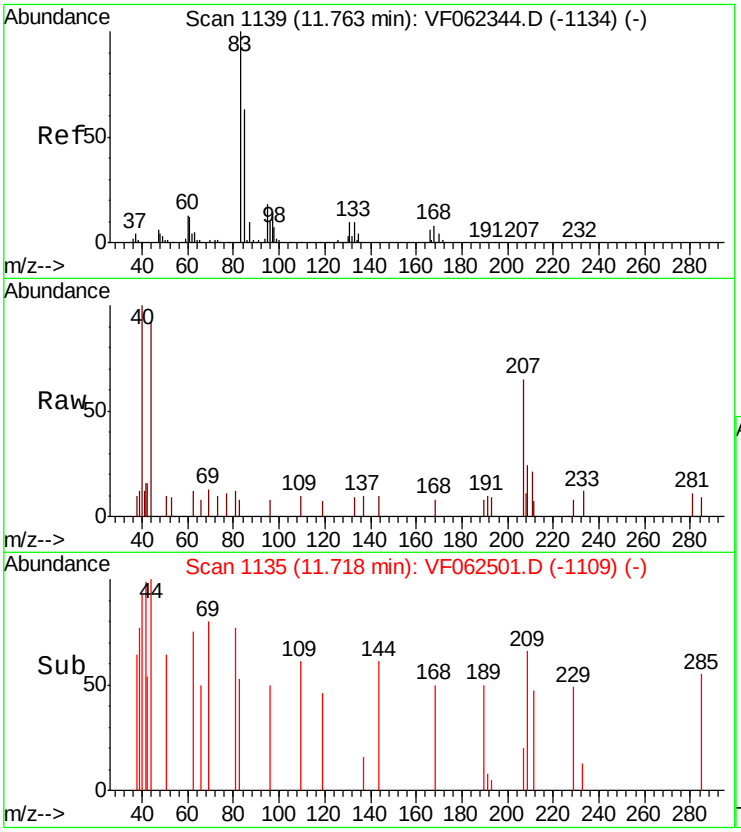


#74
N-amyl acetate
Concen: 14.883 ug/l
RT: 11.45 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 43 Resp: 860

Ion	Ratio	Lower	Upper
43	100		
70	0.0	26.5	39.7#
55	0.0	17.8	26.6#
61	10.0	20.2	30.2#



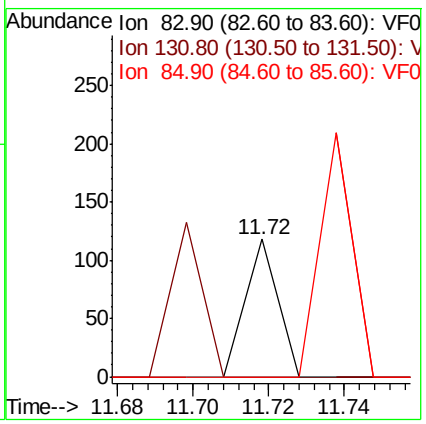


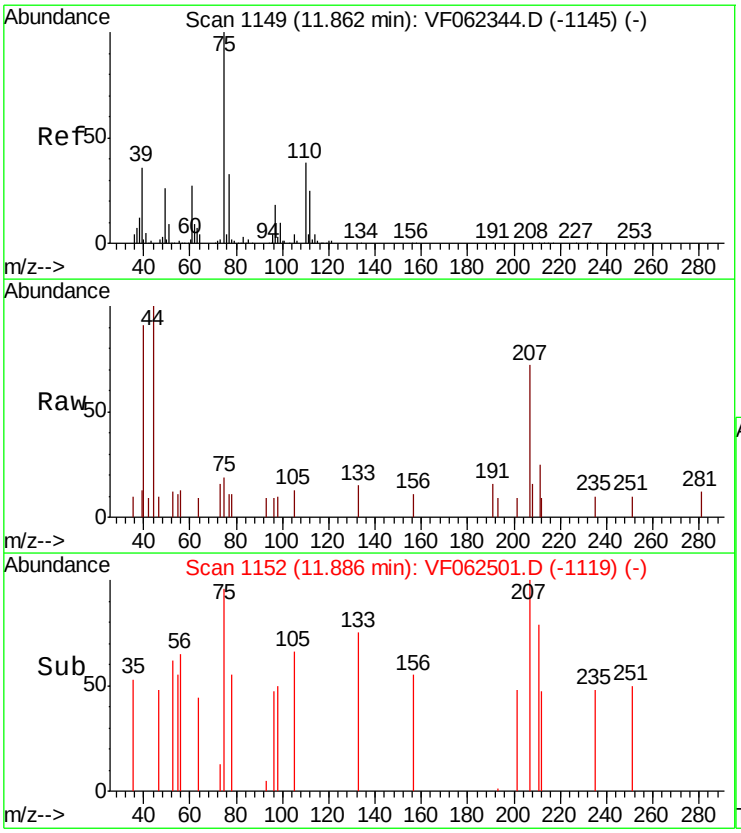
#75
1,1,2,2-Tetrachloroethane
Concen: 1.661 ug/l
RT: 11.72 min Scan# 1135
Delta R.T. -0.05 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 83 Resp: 70

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.8	17.4#
85	177.1	35.3	105.7#

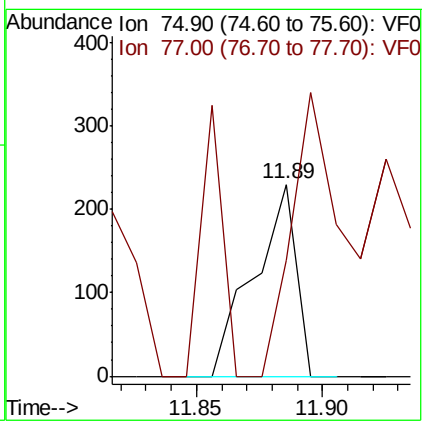


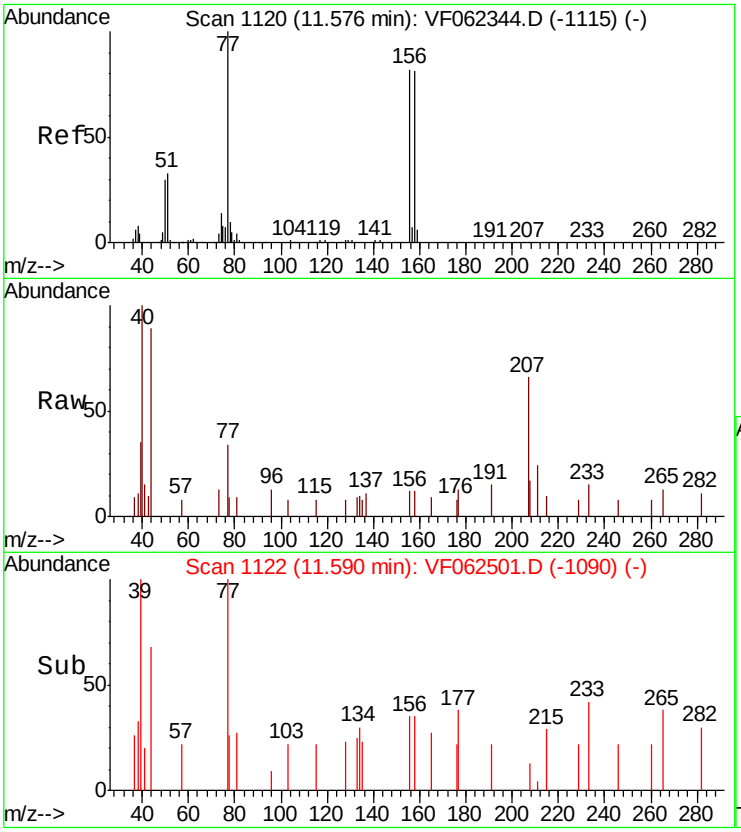


#76
1,2,3-Trichloropropane
Concen: 8.429 ug/l
RT: 11.89 min Scan# 1152
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 75 Resp: 271

Ion	Ratio	Lower	Upper
75	100		
77	174.9	0.0	0.0#



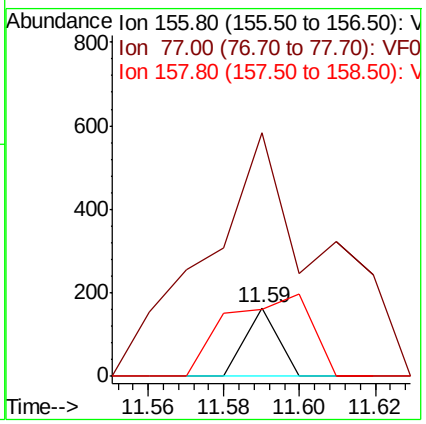


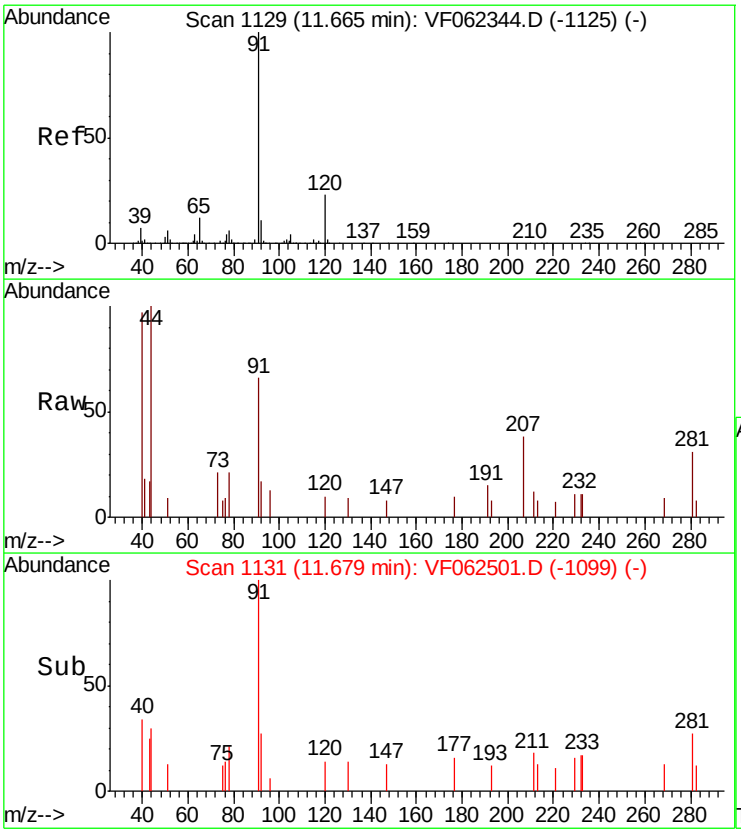
#77
Bromobenzene
Concen: 1.373 ug/l
RT: 11.59 min Scan# 1122
Delta R.T. 0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:156 Resp: 97

Ion	Ratio	Lower	Upper
156	100		
77	1286.6	64.8	194.3#
158	312.4	49.1	147.3#

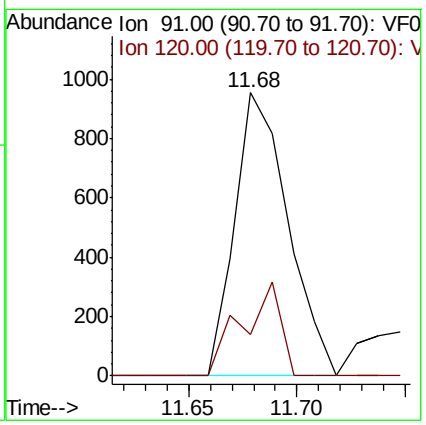


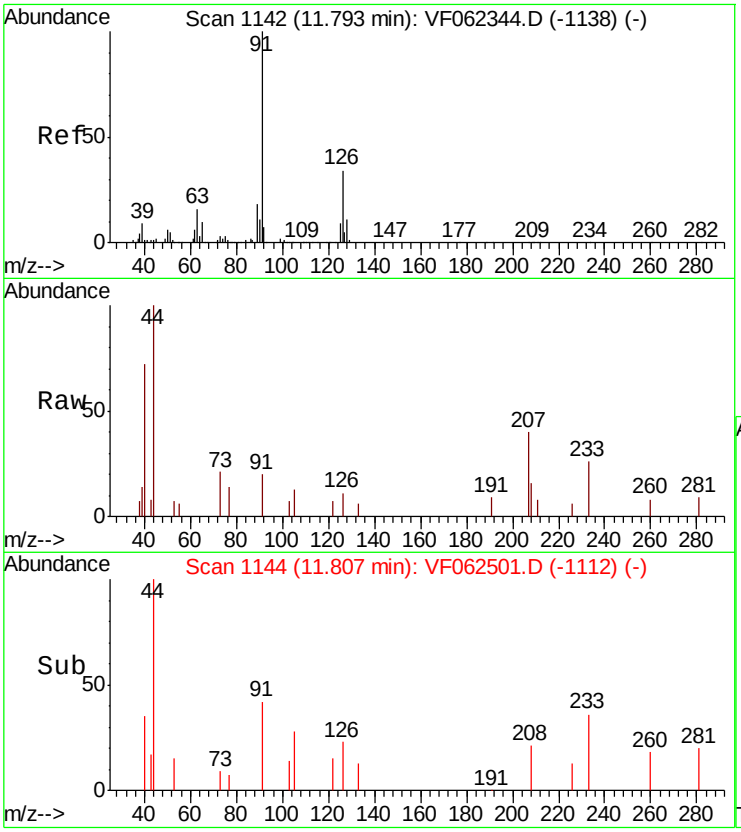


#78
n-propylbenzene
Concen: 5.695 ug/l
RT: 11.68 min Scan# 1131
Delta R.T. 0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 91 Resp: 1632

Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.5



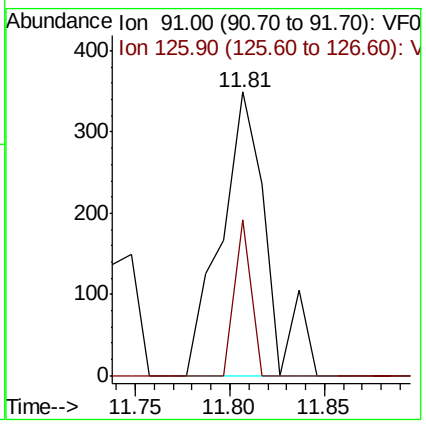


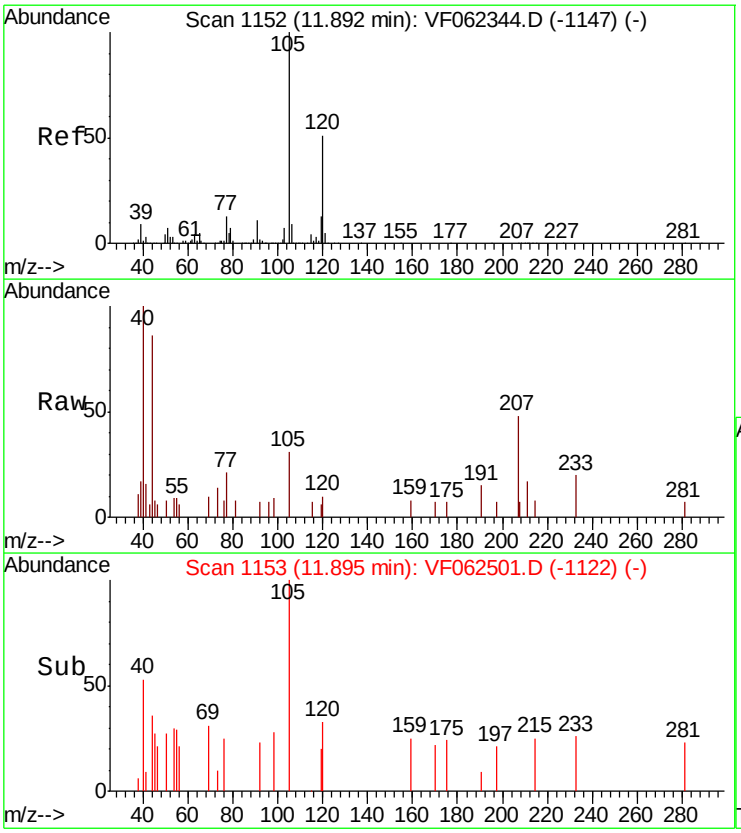
#79
2-Chlorotoluene
Concen: 3.261 ug/l
RT: 11.81 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 91 Resp: 581

Ion	Ratio	Lower	Upper
91	100		
126	19.6	17.8	53.4

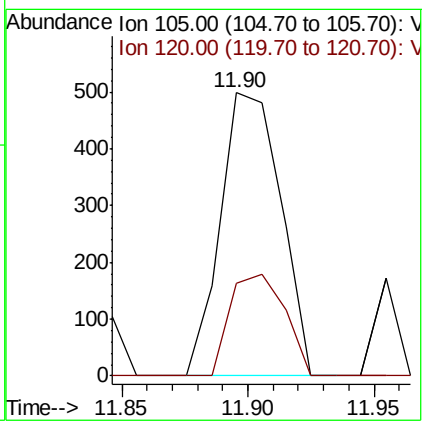


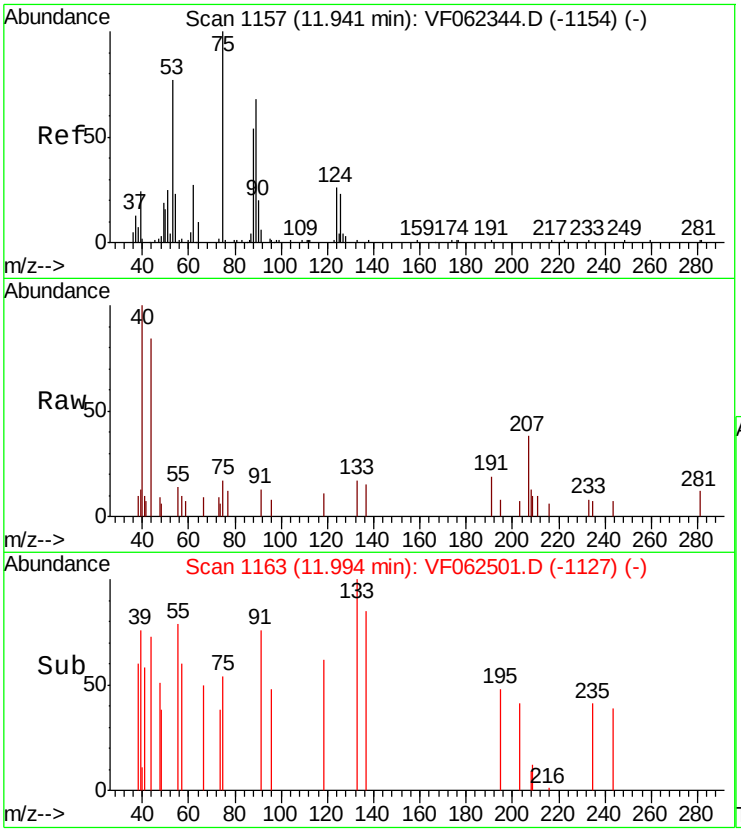


#80
1,3,5-Trimethylbenzene
Concen: 3.506 ug/l
RT: 11.90 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion:105 Resp: 827

Ion	Ratio	Lower	Upper
105	100		
120	32.8	24.6	74.0



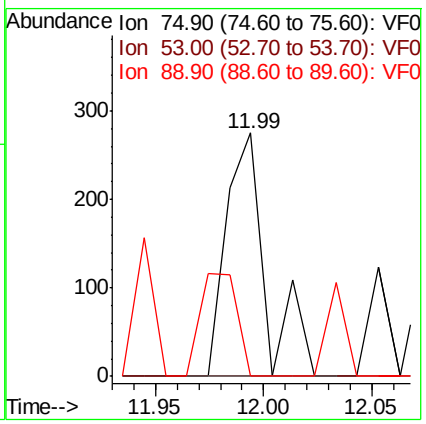


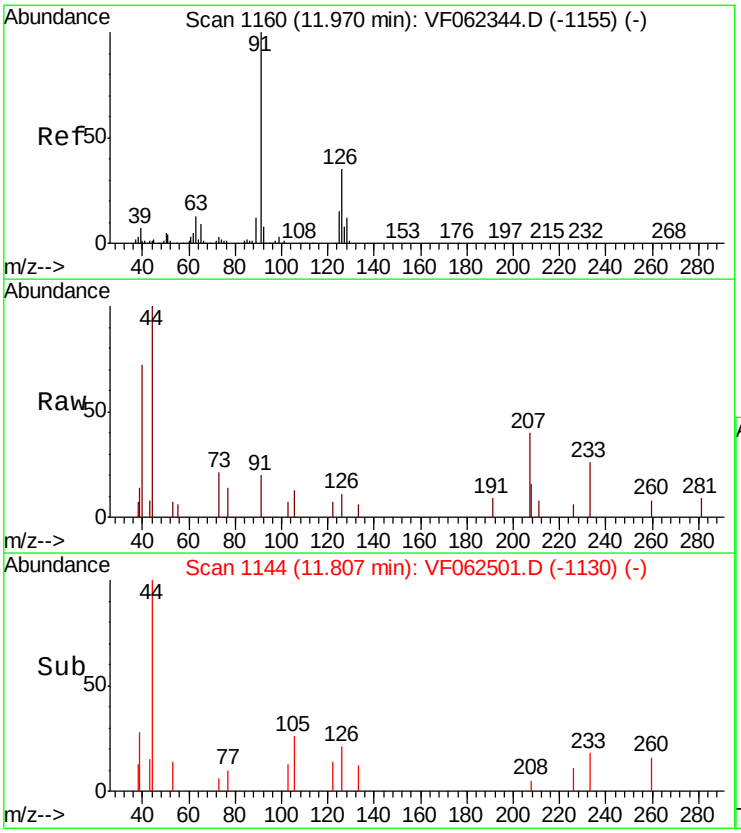
#81
trans-1,4-Dichloro-2-butene
Concen: 29.209 ug/l
RT: 11.99 min Scan# 1163
Delta R.T. 0.05 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0002-01

Tgt Ion: 75 Resp: 353

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.9	107.9#
89	38.8	0.0	0.0#

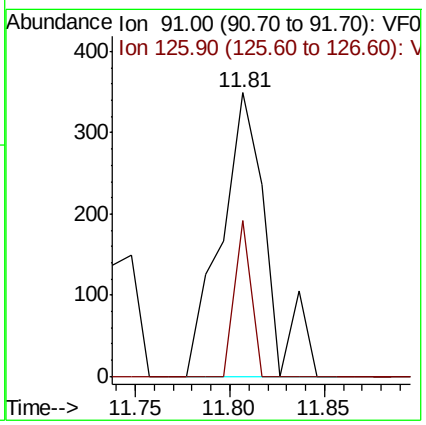


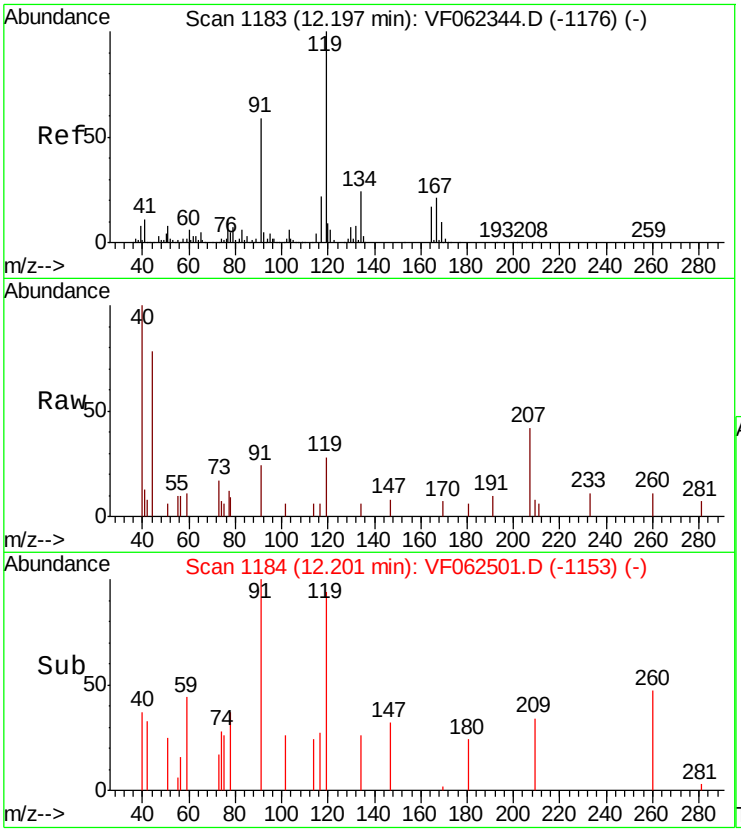


#82
4-Chlorotoluene
Concen: 3.301 ug/l
RT: 11.81 min Scan# 1144
Delta R.T. -0.16 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 91 Resp: 581

Ion	Ratio	Lower	Upper
91	100		
126	19.6	17.7	53.1



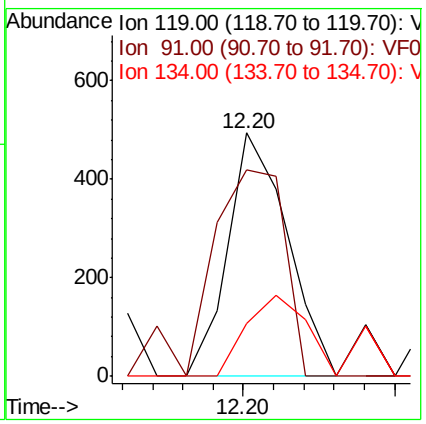


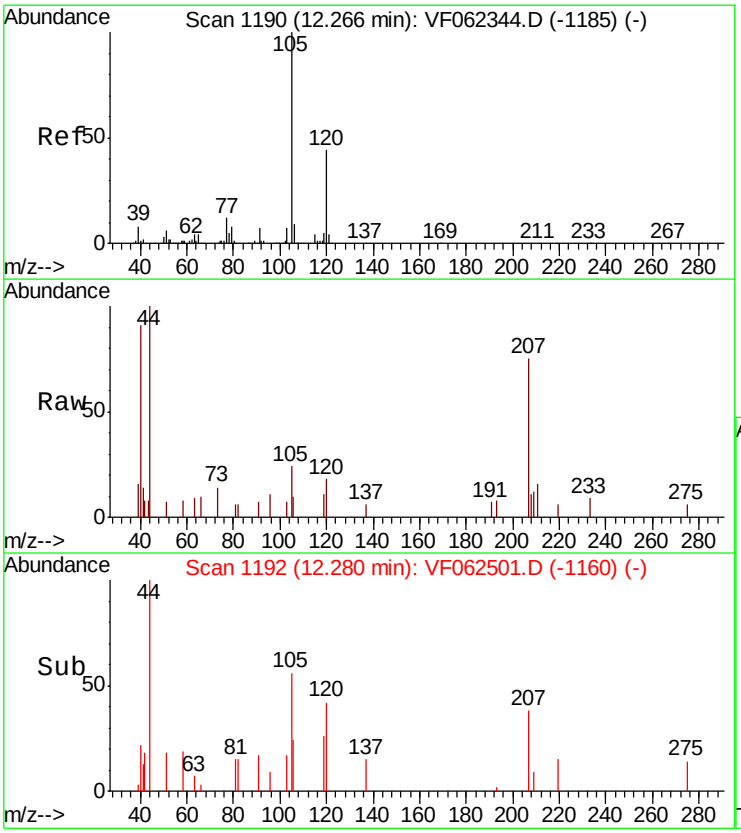
#83
tert-Butylbenzene
Concen: 2.755 ug/l
RT: 12.20 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0002-01

Tgt Ion:119 Resp: 683

Ion	Ratio	Lower	Upper
119	100		
91	107.5	30.4	91.3#
134	42.5	11.9	35.7#

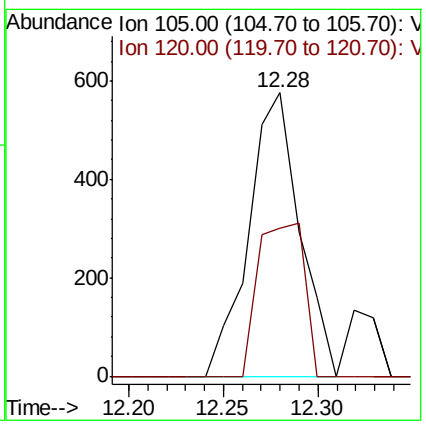


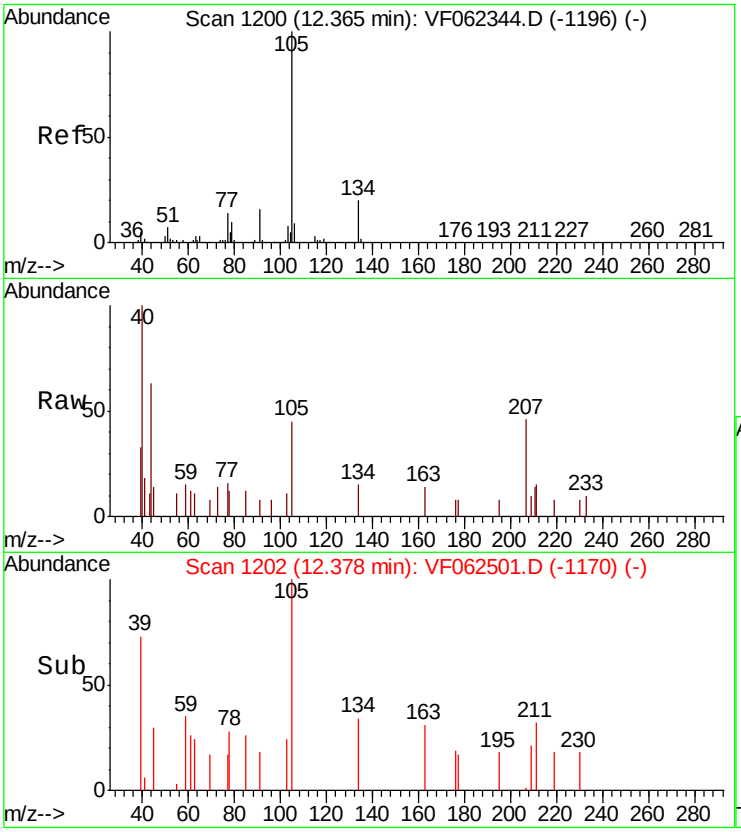


#84
1,2,4-Trimethylbenzene
Concen: 4.700 ug/l
RT: 12.28 min Scan# 1192
Delta R.T. 0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion:105 Resp: 1085

Ion	Ratio	Lower	Upper
105	100		
120	49.1	22.6	67.7



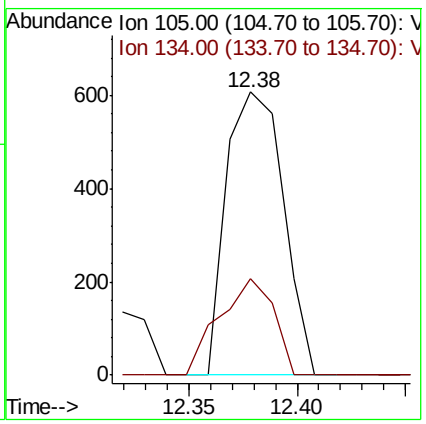


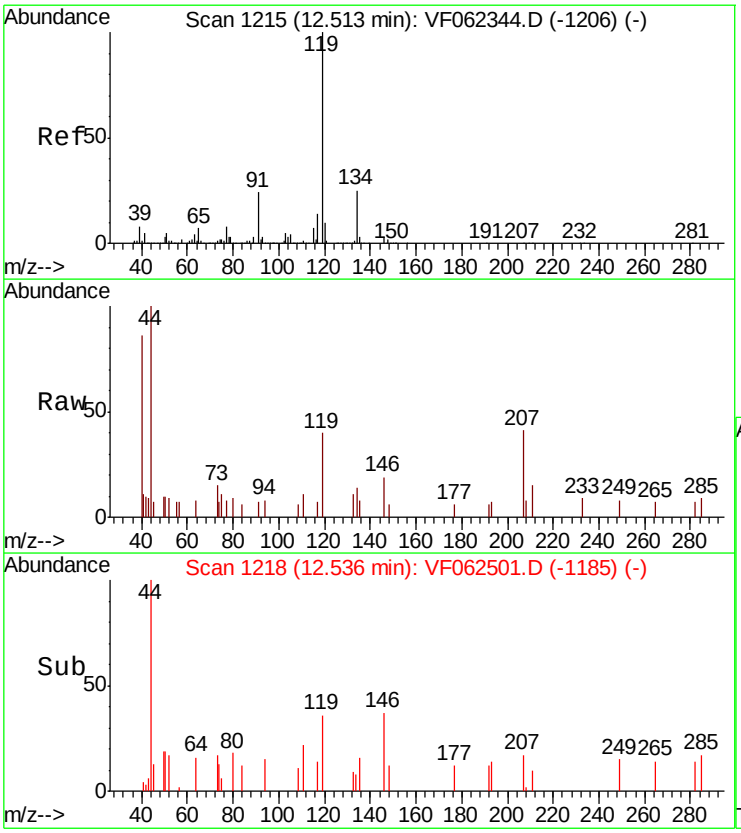
#85
sec-Butylbenzene
Concen: 3.685 ug/l
RT: 12.38 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:105 Resp: 1112

Ion	Ratio	Lower	Upper
105	100		
134	32.6	9.8	29.5#

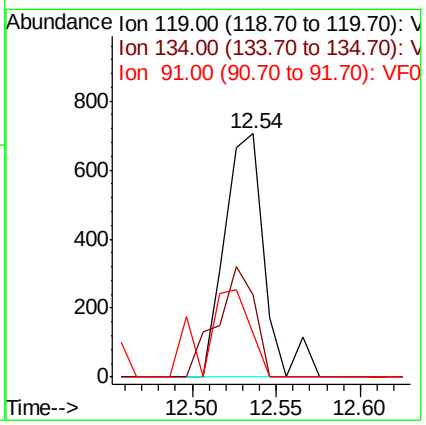


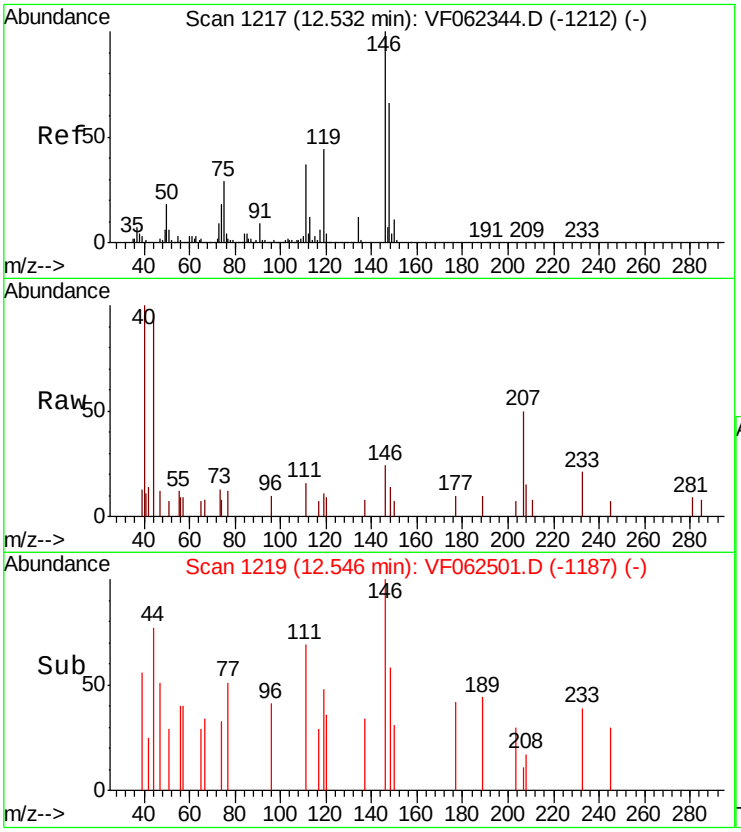


#86
p-Isopropyltoluene
Concen: 4.152 ug/l
RT: 12.54 min Scan# 1218
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion:119 Resp: 1164

Ion	Ratio	Lower	Upper
119	100		
134	42.6	12.9	38.7#
91	40.6	12.3	36.8#



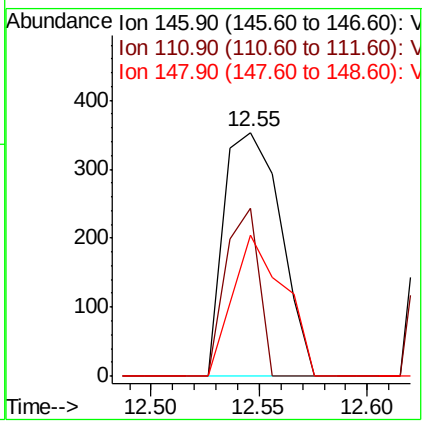


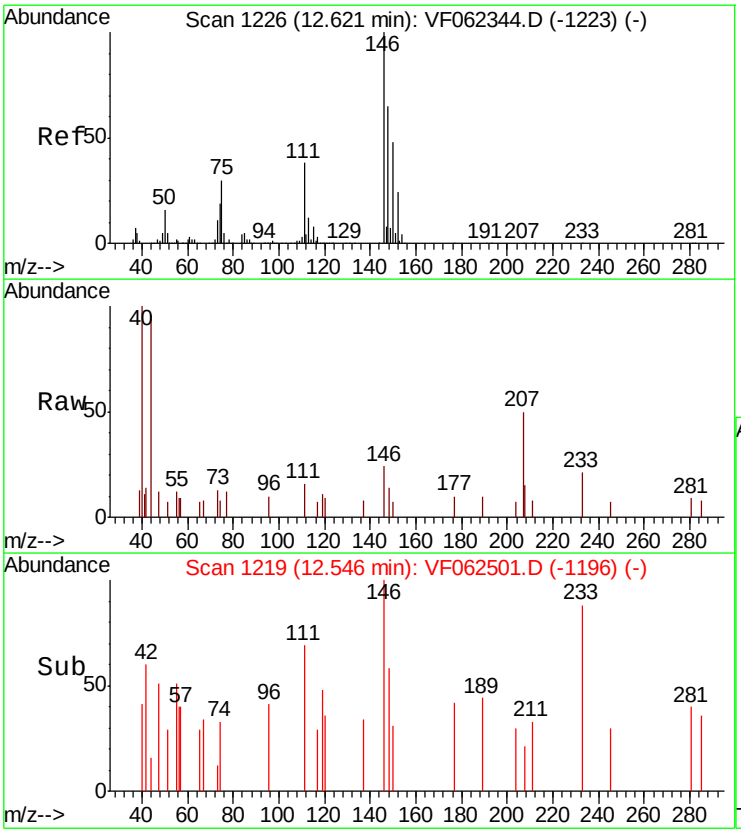
#87
1,3-Dichlorobenzene
Concen: 4.992 ug/l
RT: 12.55 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:146 Resp: 644

Ion	Ratio	Lower	Upper
146	100		
111	40.7	18.3	54.8
148	52.6	32.3	96.9

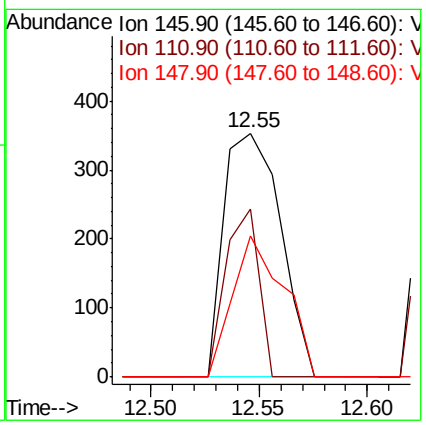


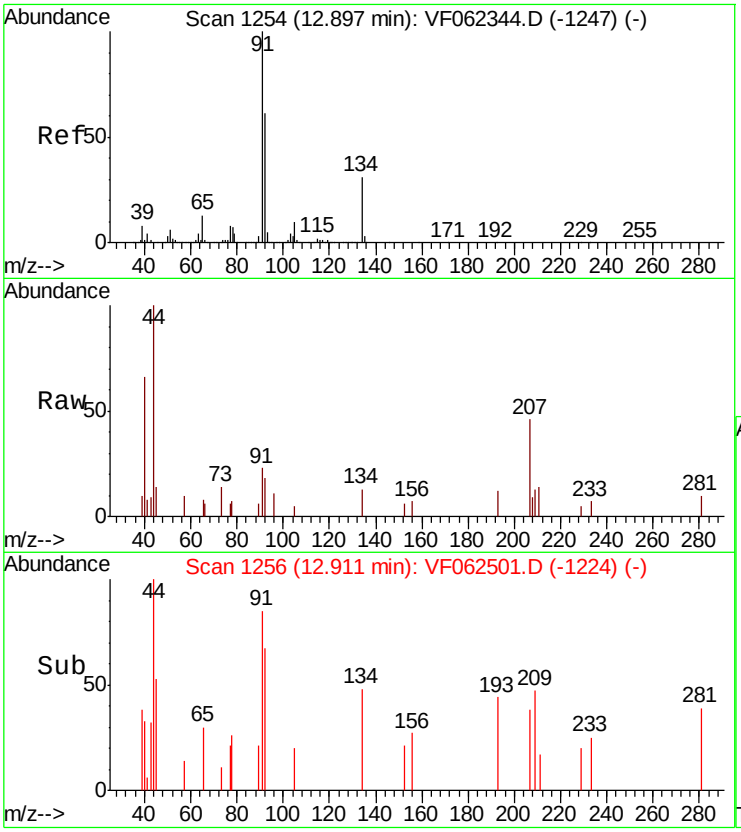


#88
1,4-Dichlorobenzene
Concen: 5.172 ug/l
RT: 12.55 min Scan# 1219
Delta R.T. -0.07 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion:146 Resp: 644

Ion	Ratio	Lower	Upper
146	100		
111	40.7	18.8	56.3
148	52.6	32.2	96.6



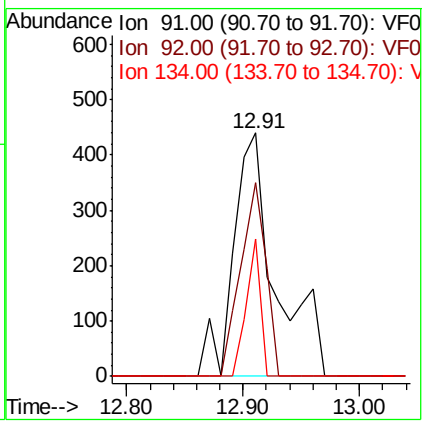


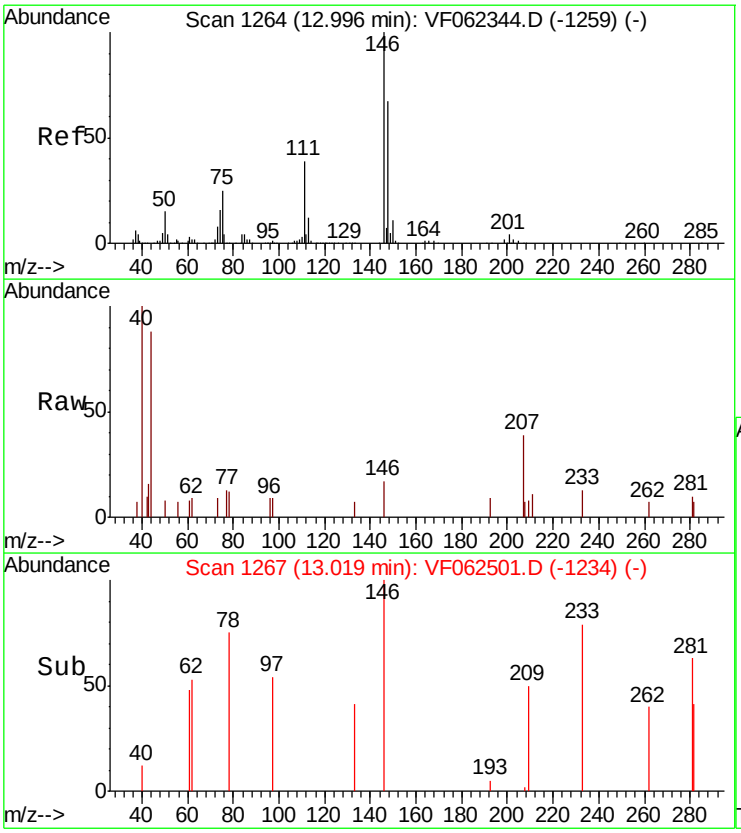
#89
n-Butylbenzene
Concen: 4.430 ug/l
RT: 12.91 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 91 Resp: 1105

Ion	Ratio	Lower	Upper
91	100		
92	47.8	30.0	90.0
134	18.8	14.1	42.4

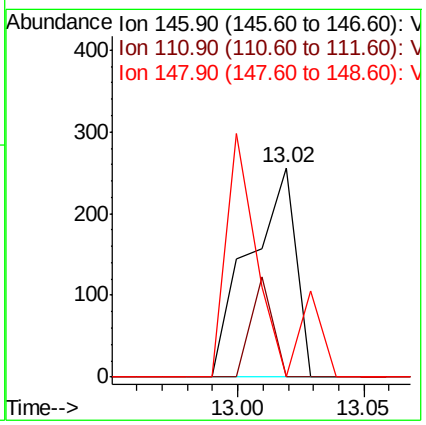


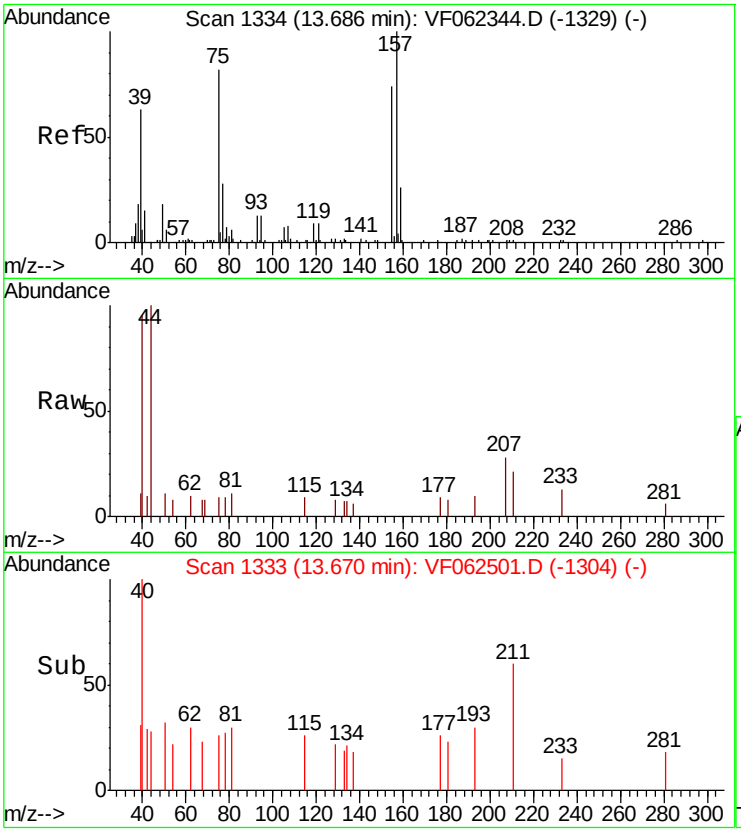


#91
1,2-Dichlorobenzene
Concen: 2.643 ug/l
RT: 13.02 min Scan# 1267
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion:146 Resp: 330

Ion	Ratio	Lower	Upper
146	100		
111	21.8	20.0	60.0
148	91.8	33.1	99.5



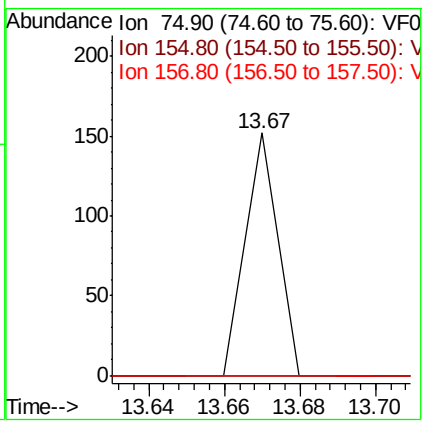


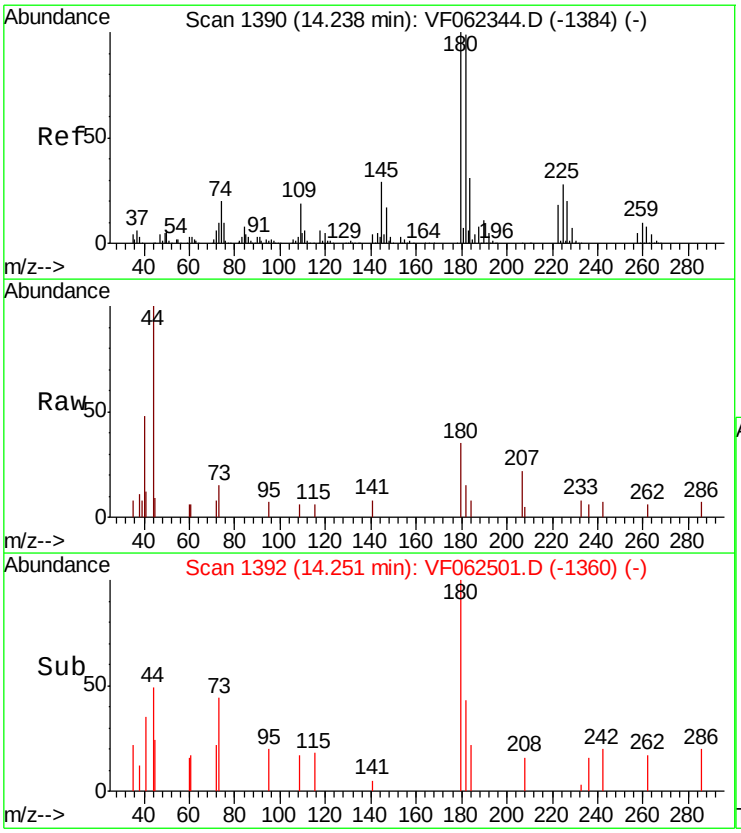
#92
1,2-Dibromo-3-Chloropropane
Concen: 9.533 ug/l
RT: 13.67 min Scan# 1333
Delta R.T. -0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 75 Resp: 90

Ion	Ratio	Lower	Upper
75	100		
155	0.0	51.8	155.4#
157	0.0	67.3	201.8#

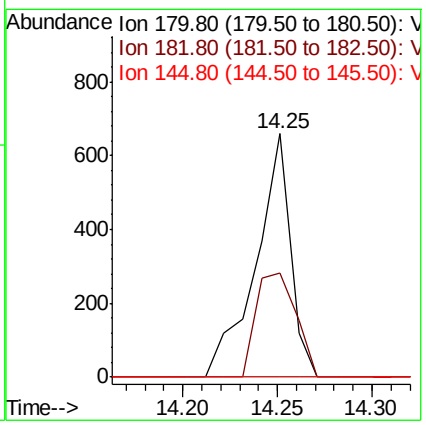


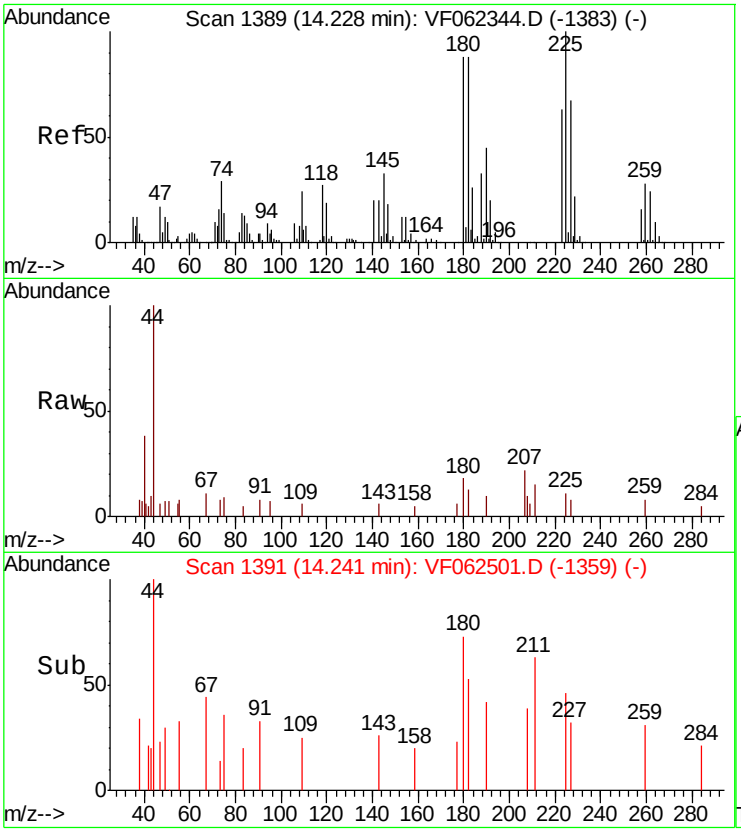


#93
1,2,4-Trichlorobenzene
Concen: 7.527 ug/l
RT: 14.25 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion:180 Resp: 843

Ion	Ratio	Lower	Upper
180	100		
182	49.3	49.0	147.0
145	0.0	16.7	50.1#



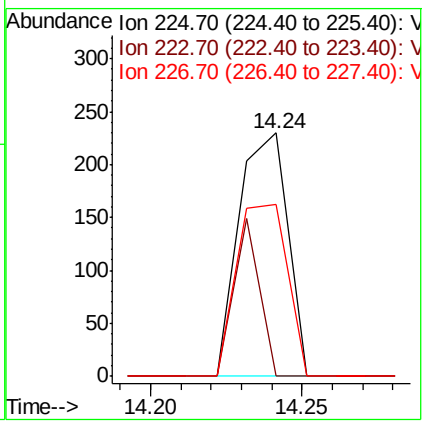


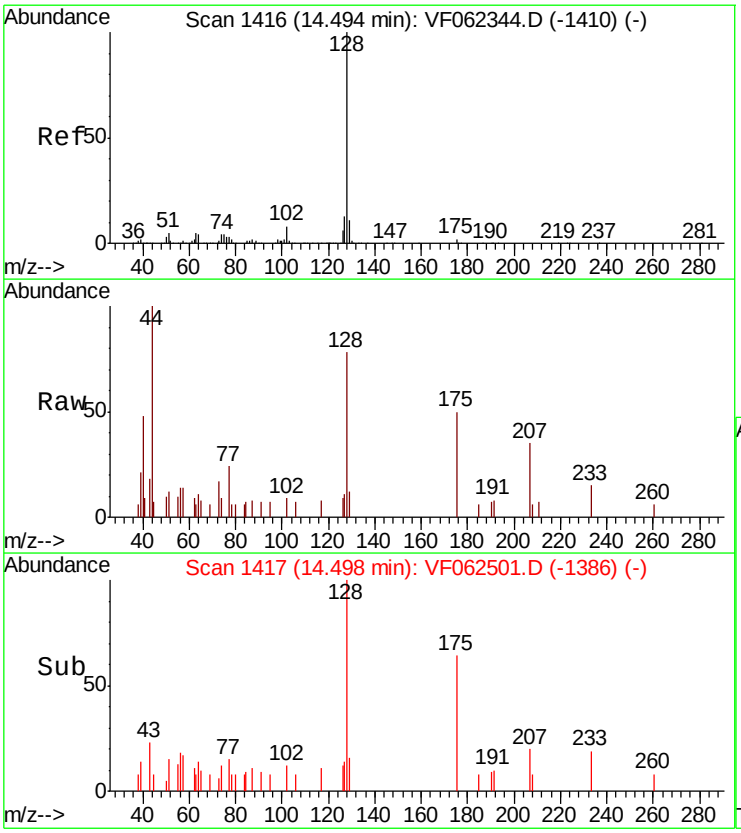
#94
Hexachlorobutadiene
Concen: 3.079 ug/l
RT: 14.24 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:225 Resp: 257

Ion	Ratio	Lower	Upper
225	100		
223	34.2	31.9	95.5
227	73.9	33.1	99.5

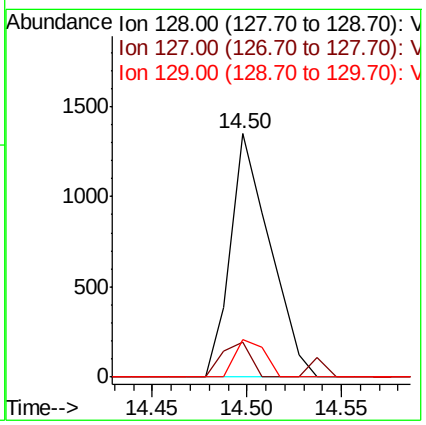


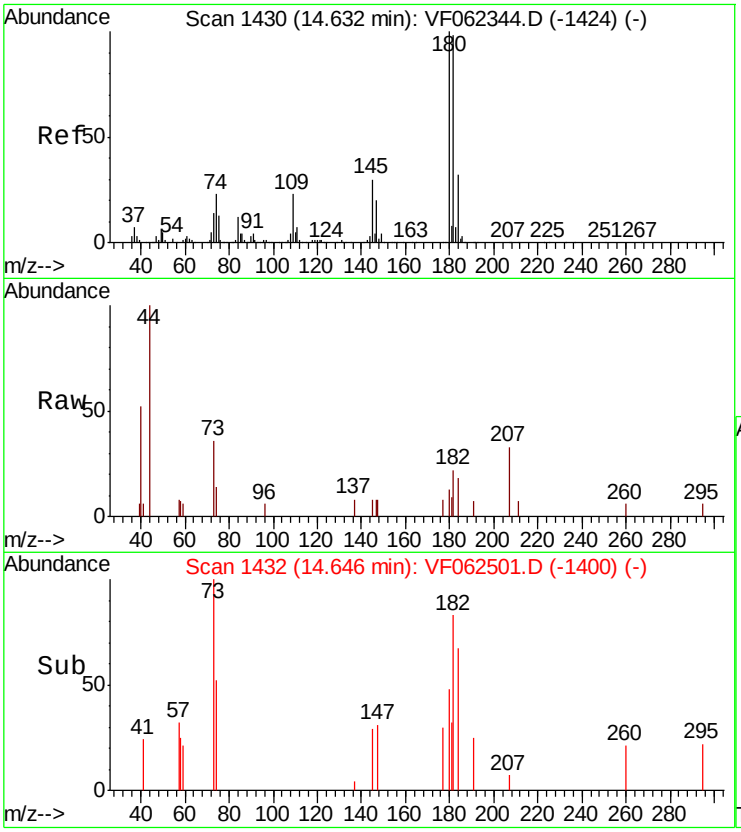


#95
Naphthalene
Concen: 11.569 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion:128 Resp: 1948

Ion	Ratio	Lower	Upper
128	100		
127	10.2	10.5	15.7#
129	11.3	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 2.332 ug/l
RT: 14.65 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:180 Resp: 253

Ion	Ratio	Lower	Upper
180	100		
182	160.5	49.4	148.0#
145	92.9	14.8	44.3#