Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100518\
Data File : VF060462.D
Acq On : 5 Oct 2018 18:13
Operator : VA/AP
Sample : VF1005SBSD01
Misc : 5.00/5mL/MSVOA F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

Manual Integrations APPROVED
apatel
10/8/2018 9:43:38 AM

Quant Time: Oct 06 04:54:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	203260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	341129	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	298204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	171501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	179766	56.52	ug/l	0.00
Spiked Amount 50.000			Recovery =	113.04%		
35) Dibromofluoromethane	4.27	113	167061	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.26%		
50) Toluene-d8	7.69	98	387018	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.08%		
62) 4-Bromofluorobenzene	11.50	95	179737	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.76%		

Target Compounds	R.T.	QIon	Response	Conc	Units		Qvalue
2) Dichlorodifluoromethane	0.99	85	122464	25.231	ug/l		98
3) Chloromethane	1.13	50	62154	22.519	ug/l		94
4) Vinyl Chloride	1.18	62	67137	23.383	ug/l		93
5) Bromomethane	1.35	94	55900	25.135	ug/l		95
6) Chloroethane	1.43	64	36400	25.404	ug/l	#	87
7) Trichlorofluoromethane	1.52	101	167344	25.121	ug/l		99
8) Diethyl Ether	1.70	74	18781	20.572	ug/l		85
9) 1,1,2-Trichlorotrifluoroet	1.90	101	75255	23.584	ug/l		97
10) Methyl Iodide	1.96	142	113479m	23.320	ug/l		
11) Tert butyl alcohol	2.67	59	22249	115.650	ug/l	#	58
12) 1,1-Dichloroethene	1.86	96	55723	22.601	ug/l		96
13) Acrolein	2.08	56	15449	99.854	ug/l		92
14) Allyl chloride	2.17	41	80835	20.461	ug/l		91
15) Acrylonitrile	3.06	53	37893	114.950	ug/l		91
16) Acetone	2.32	43	102716	147.026	ug/l		100
17) Carbon Disulfide	1.89	76	170504m	22.838	ug/l		
18) Methyl Acetate	2.44	43	27508	22.018	ug/l	#	82
19) Methyl tert-butyl Ether	2.53	73	136424	22.718	ug/l	#	86
20) Methylene Chloride	2.26	84	57103m	21.415	ug/l		
21) trans-1,2-Dichloroethene	2.40	96	55878	22.693	ug/l		93
22) Diisopropyl ether	2.91	45	163334	22.778	ug/l	#	98
23) Vinyl Acetate	3.32	43	304312	106.833	ug/l		99
24) 1,1-Dichloroethane	2.98	63	111868	23.069	ug/l		97
25) 2-Butanone	4.49	43	95018	115.376	ug/l	#	89
26) 2,2-Dichloropropane	3.74	77	67384	24.535	ug/l		91
27) cis-1,2-Dichloroethene	3.61	96	62094	22.554	ug/l		91
28) Bromochloromethane	3.86	49	39605	22.161	ug/l	#	81
29) Tetrahydrofuran	4.24	42	35401	111.573	ug/l		94
30) Chloroform	4.02	83	141366	23.626	ug/l		98
31) Cyclohexane	3.84	56	74092	21.278	ug/l		97
32) 1,1,1-Trichloroethane	4.25	97	117272	23.552	ug/l		94
36) 1,1-Dichloropropene	4.43	75	95075	22.605	ug/l		94
37) Ethyl Acetate	4.26	43	34099	21.172	ug/l		85
38) Carbon Tetrachloride	4.14	117	132855	25.951	ug/l		93

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Data File : VF060462.D
Acq On : 5 Oct 2018 18:13
Operator : VA/AP
Sample : VF1005SBSD01
Misc : 5.00/5mL/MSVOA F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

Manual Integrations APPROVED
apatel
10/8/2018 9:43:38 AM

Quant Time: Oct 06 04:54:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	5.60	83	86928	21.083 ug/l	91
40) Benzene	4.78	78	183974	22.034 ug/l	99
41) Methacrylonitrile	4.90	41	17689	20.714 ug/l	93
42) 1,2-Dichloroethane	5.09	62	94779	23.794 ug/l	96
43) Isopropyl Acetate	7.09	43	41818	21.485 ug/l #	97
44) Trichloroethene	5.65	130	58149	21.705 ug/l	96
45) 1,2-Dichloropropane	6.38	63	46443	20.887 ug/l	98
46) Dibromomethane	6.23	93	39568	22.133 ug/l	99
47) Bromodichloromethane	6.53	83	97708	22.068 ug/l	92
48) Methyl methacrylate	6.84	41	30292	21.681 ug/l	93
49) 1,4-Dioxane	6.85	88	4825	400.527 ug/l #	91
51) 4-Methyl-2-Pentanone	8.38	43	158183	114.170 ug/l	95
52) Toluene	7.76	92	113202	19.961 ug/l	87
53) t-1,3-Dichloropropene	8.40	75	73940	21.309 ug/l	98
54) cis-1,3-Dichloropropene	7.44	75	86444	21.316 ug/l	94
55) 1,1,2-Trichloroethane	8.62	97	36160	20.116 ug/l	95
56) Ethyl methacrylate	8.74	69	38998	19.092 ug/l	96
57) 1,3-Dichloropropane	8.98	76	63830	20.990 ug/l	94
58) 2-Chloroethyl Vinyl ether	7.75	63	23036	110.407 ug/l	100
59) 2-Hexanone	9.60	43	120251	118.328 ug/l	88
60) Dibromochloromethane	8.85	129	57110	21.101 ug/l	99
61) 1,2-Dibromoethane	9.12	107	43215	21.971 ug/l	98
64) Tetrachloroethene	8.28	164	50975	21.504 ug/l	97
65) Chlorobenzene	9.92	112	137239	22.404 ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.06	131	59261	22.156 ug/l	90
67) Ethyl Benzene	10.02	91	262468	22.535 ug/l	97
68) m/p-Xylenes	10.24	106	173895	43.431 ug/l	91
69) o-Xylene	10.81	106	96576	22.128 ug/l	96
70) Styrene	10.89	104	145756	23.479 ug/l	93
71) Bromoform	10.88	173	30870	21.678 ug/l #	95
73) Isopropylbenzene	11.21	105	299661	22.191 ug/l	97
74) N-amyl acetate	11.45	43	65793	21.229 ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.77	83	54519	22.145 ug/l	92
76) 1,2,3-Trichloropropane	11.87	75	40381	22.280 ug/l	94
77) Bromobenzene	11.58	156	64627	21.410 ug/l	89
78) n-propylbenzene	11.67	91	374653	22.886 ug/l	100
79) 2-Chlorotoluene	11.80	91	207522	21.671 ug/l	97
80) 1,3,5-Trimethylbenzene	11.90	105	264829	23.083 ug/l	100
81) trans-1,4-Dichloro-2-buten	11.94	75	15971m	19.879 ug/l	
82) 4-Chlorotoluene	11.97	91	213771	21.818 ug/l	100
83) tert-Butylbenzene	12.21	119	258526	22.846 ug/l	93
84) 1,2,4-Trimethylbenzene	12.28	105	258131	22.687 ug/l	95
85) sec-Butylbenzene	12.37	105	357688	22.900 ug/l	93
86) p-Isopropyltoluene	12.52	119	297087	23.281 ug/l	98
87) 1,3-Dichlorobenzene	12.54	146	125774	22.143 ug/l	96
88) 1,4-Dichlorobenzene	12.63	146	128449	22.933 ug/l	97
89) n-Butylbenzene	12.91	91	321592	23.816 ug/l	93
90) Hexachloroethane	12.99	117	71430	21.658 ug/l	72
91) 1,2-Dichlorobenzene	13.00	146	120032	22.055 ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.70	75	10838	22.708 ug/l	81

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Acq On : 5 Oct 2018 18:13
Operator : VA/AP
Sample : VF1005SBSD01
Misc : 5.00/5mL/MSVOA F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Oct 06 04:54:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	94600	23.256	ug/l	97
94) Hexachlorobutadiene	14.25	225	68122	23.994	ug/l	92
95) Naphthalene	14.51	128	159470	21.926	ug/l	98
96) 1,2,3-Trichlorobenzene	14.66	180	86669	22.729	ug/l	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100518\
Data File : VF060462.D
Acq On : 5 Oct 2018 18:13
Operator : VA/AP
Sample : VF1005SBSD01
Misc : 5.00/5mL/MSVOA F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

Manual Integrations APPROVED
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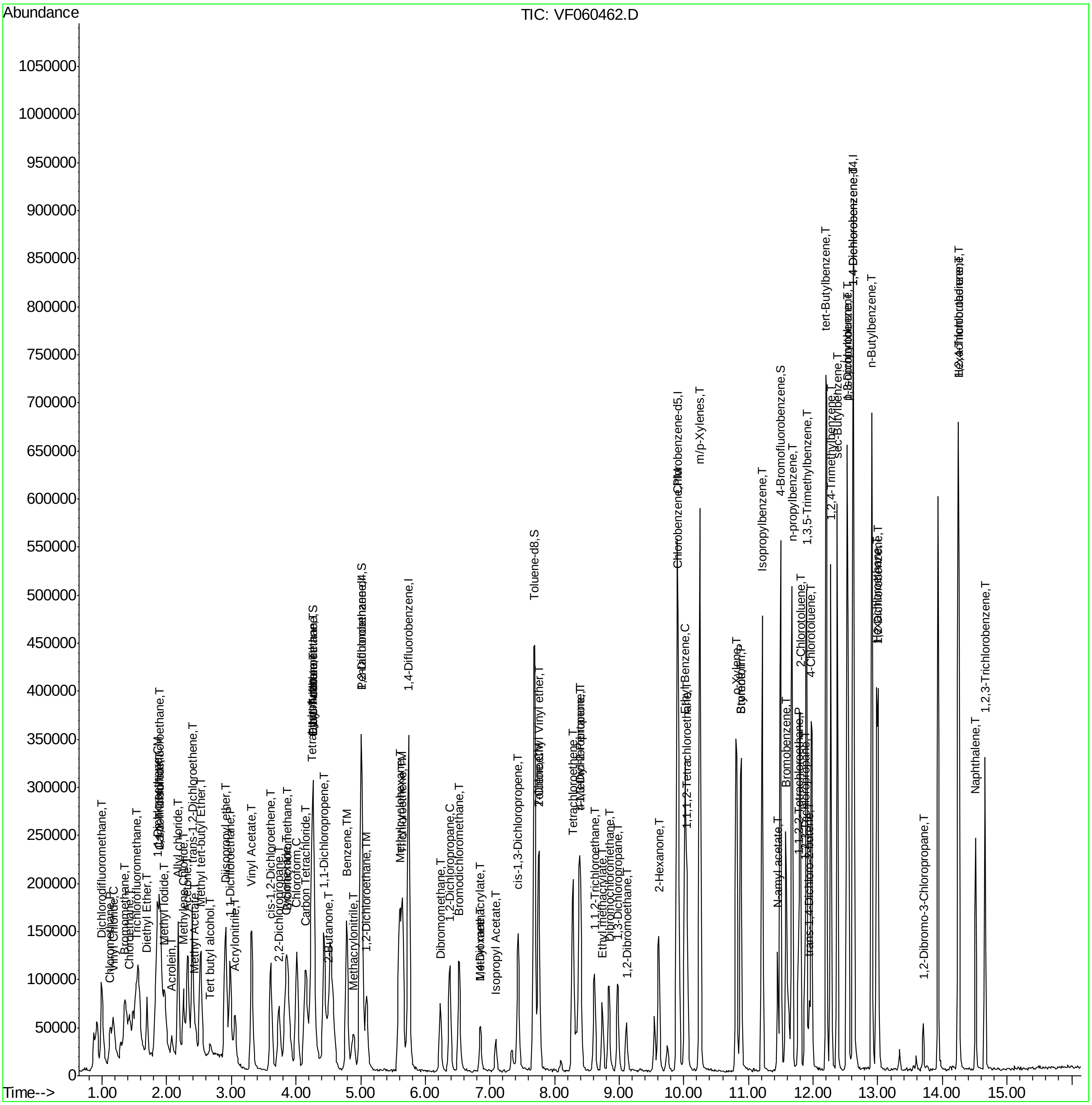
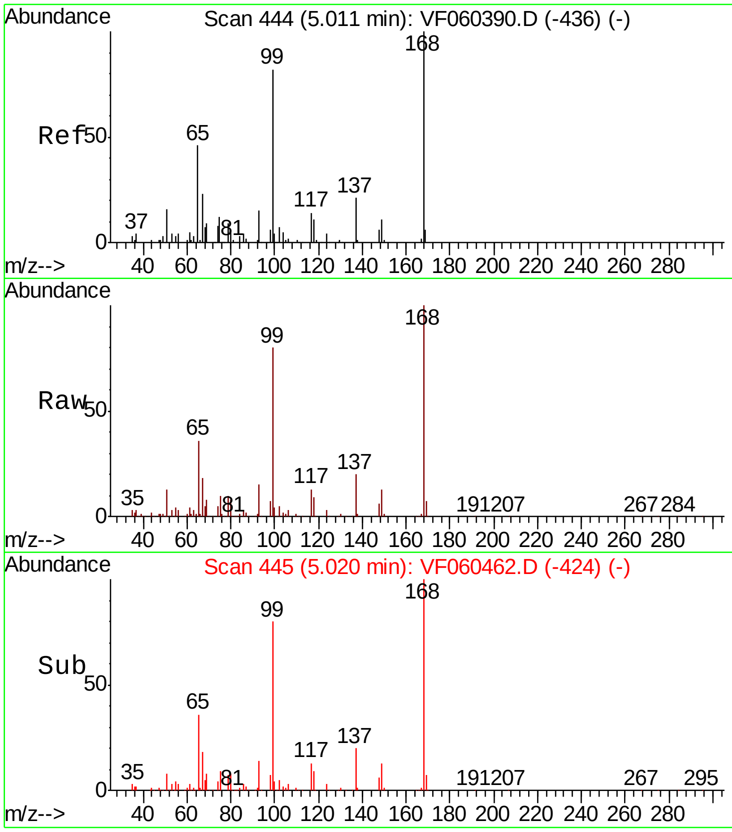
Quant Time: Oct 06 04:54:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.02 min   Scan# 445
Delta R.T.   0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion:168 Resp: 203260

Ion	Ratio	Lower	Upper
168	100		
99	80.2	65.3	97.9

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

Manual Integrations APPROVED
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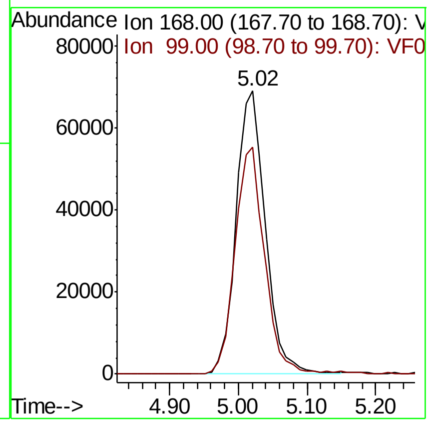
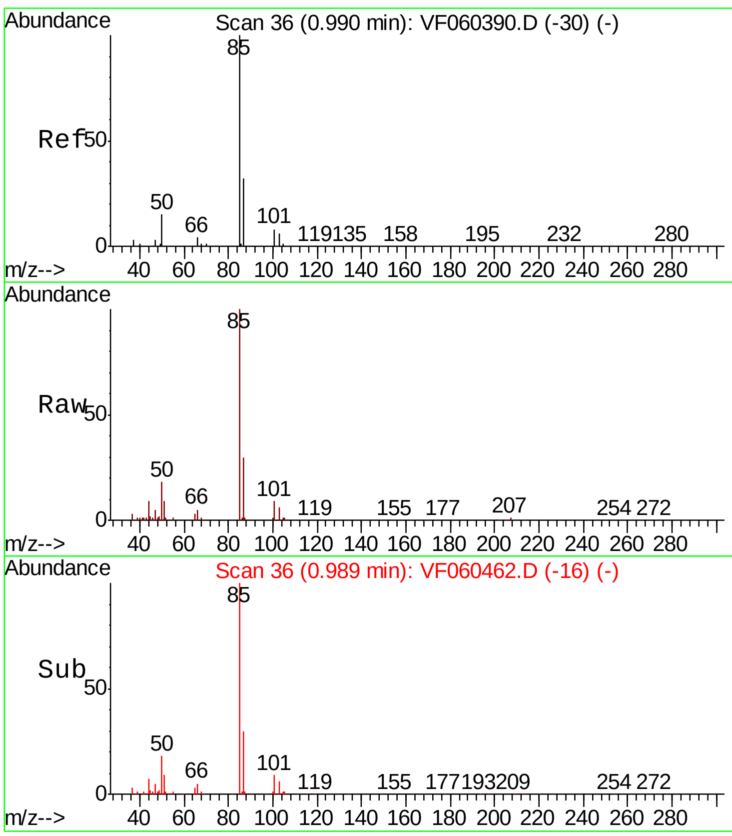
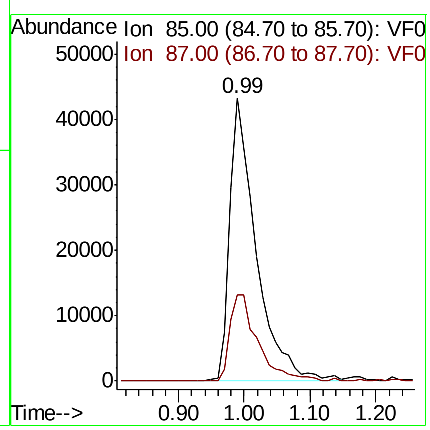


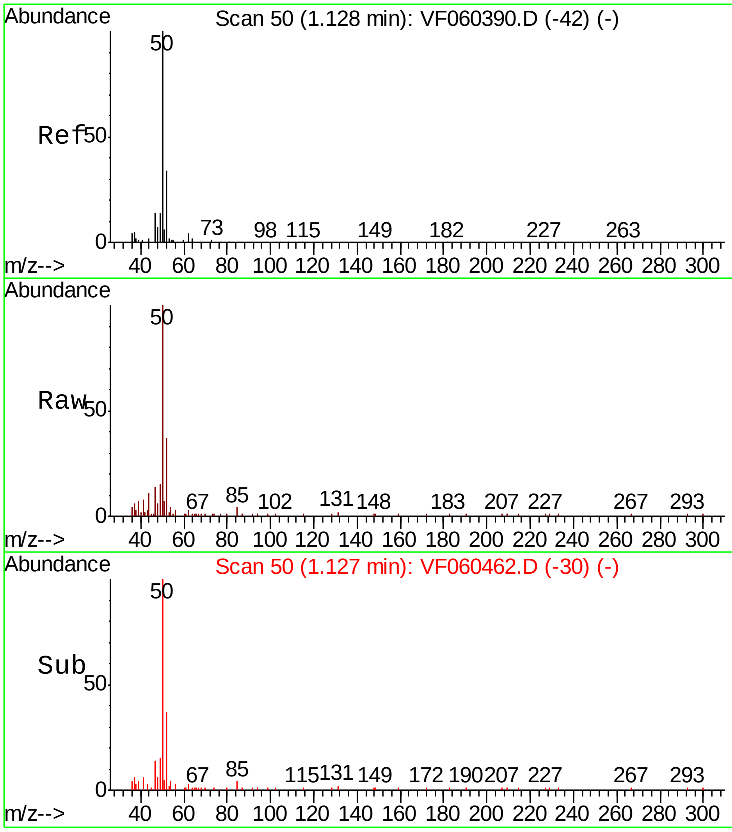


#2
Dichlorodifluoromethane
Concen: 25.231 ug/l
RT: 0.99 min   Scan# 36
Delta R.T.   -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion: 85 Resp: 122464

Ion	Ratio	Lower	Upper
85	100		
87	30.4	15.9	47.6





#3
Chloromethane
Concen: 22.519 ug/l
RT: 1.13 min Scan# 50
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 50 Resp: 62154

Ion	Ratio	Lower	Upper
50	100		
52	37.2	26.9	40.3

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

Manual Integrations APPROVED

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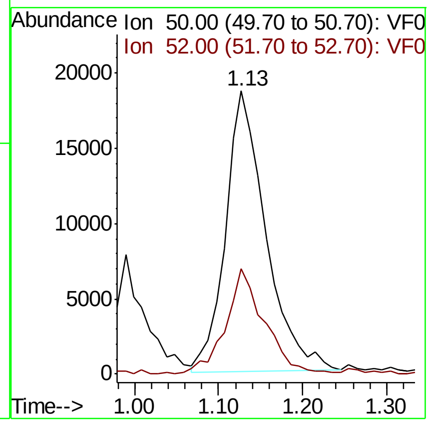
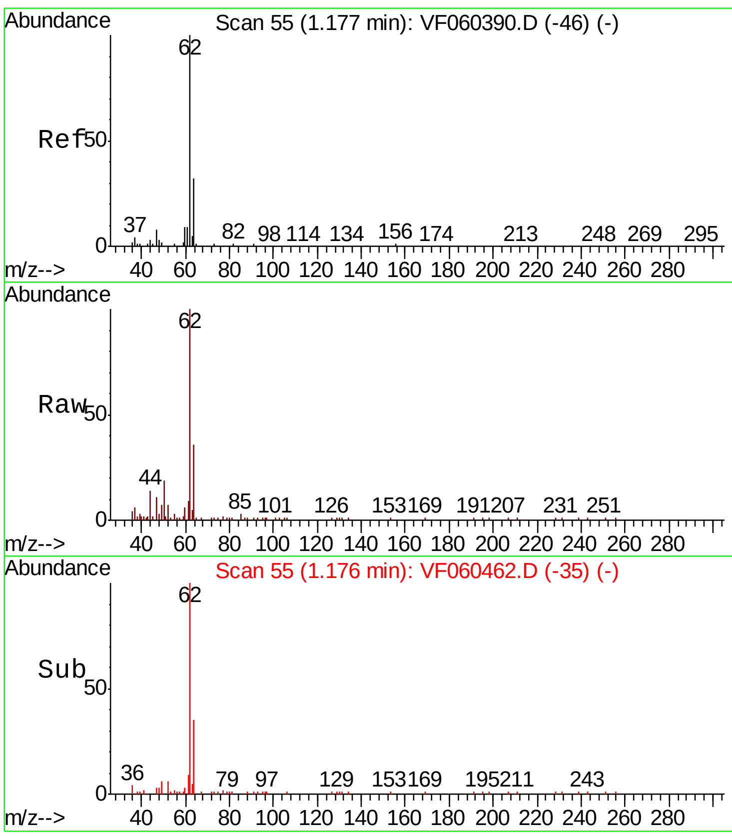
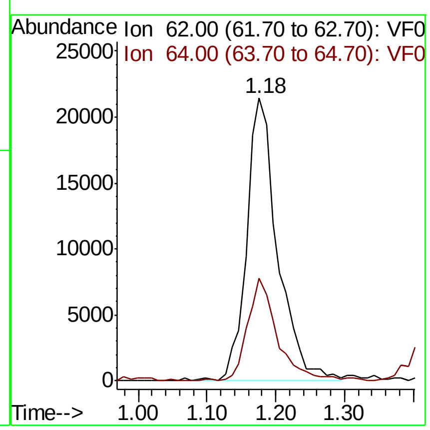


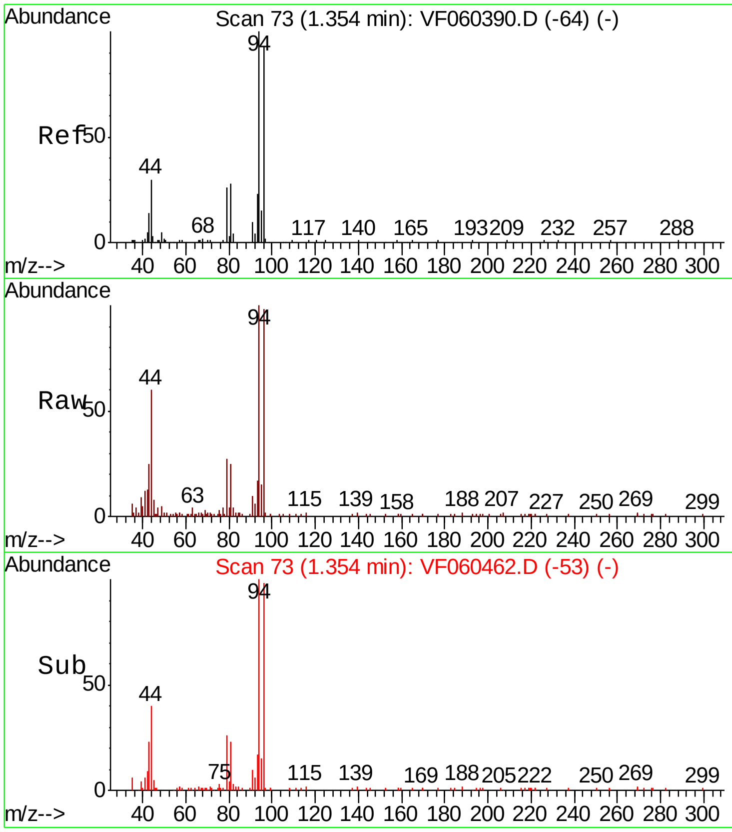


#4
Vinyl Chloride
Concen: 23.383 ug/l
RT: 1.18 min Scan# 55
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 62 Resp: 67137

Ion	Ratio	Lower	Upper
62	100		
64	36.3	25.8	38.6





#5
Bromomethane
Concen: 25.135 ug/l
RT: 1.35 min Scan# 73
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 94 Resp: 55900

Ion	Ratio	Lower	Upper
94	100		
96	97.9	74.3	111.5

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

Manual Integrations APPROVED

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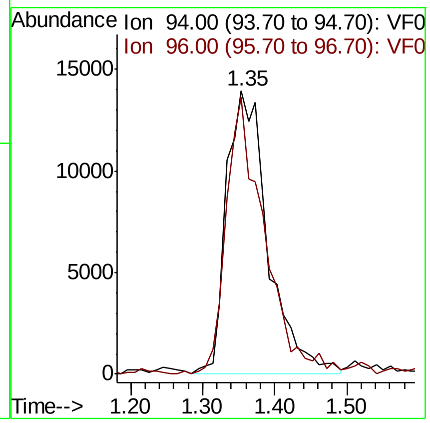
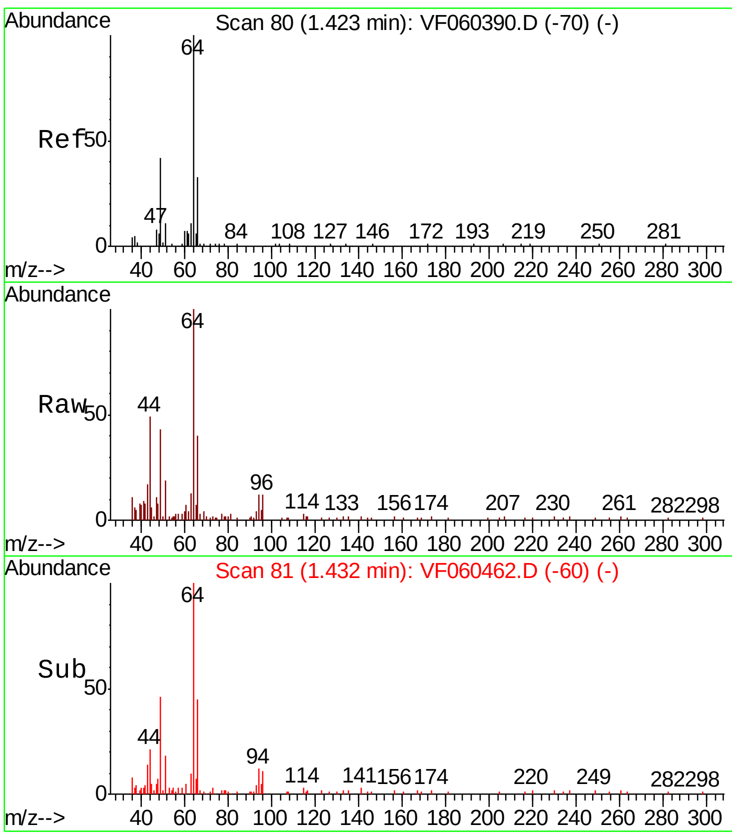
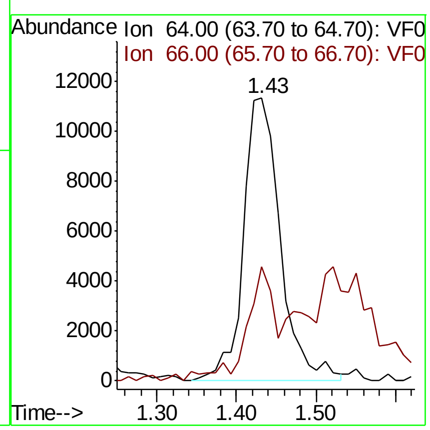


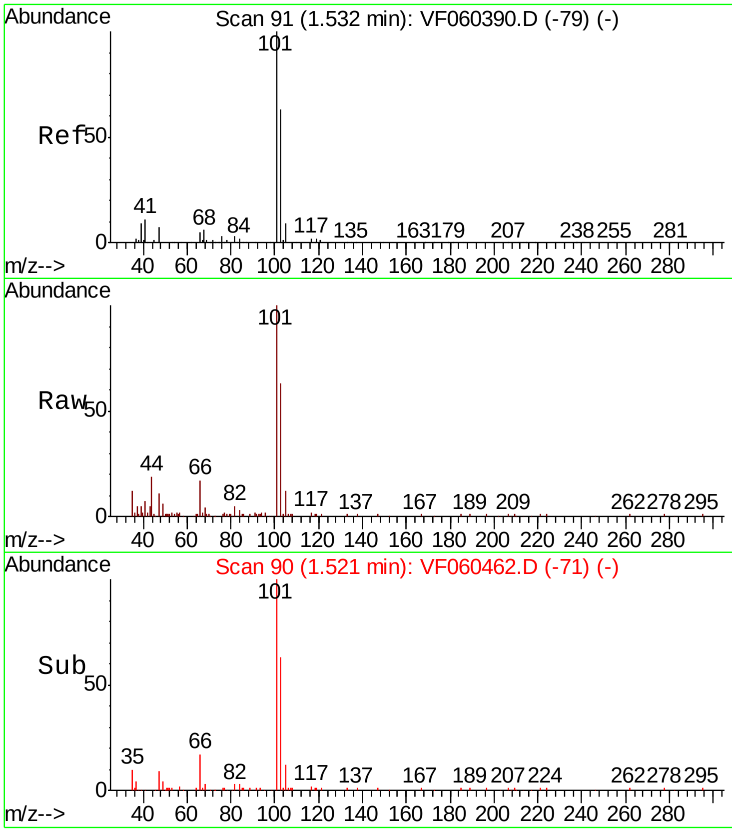


#6
Chloroethane
Concen: 25.404 ug/l
RT: 1.43 min Scan# 81
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 64 Resp: 36400

Ion	Ratio	Lower	Upper
64	100		
66	40.3	26.3	39.5#





#7
Trichlorofluoromethane
Concen: 25.121 ug/l
RT: 1.52 min Scan# 90
Delta R.T. -0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

Tgt Ion:101 Resp: 167344

Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.0	76.4

Manual Integrations APPROVED
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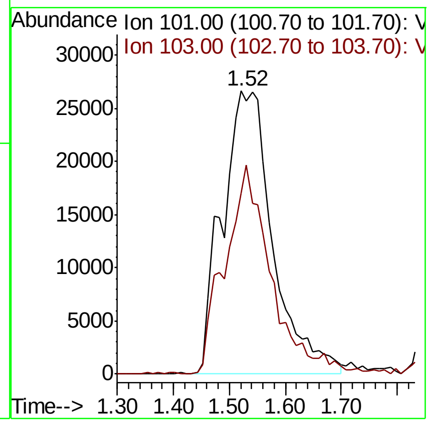
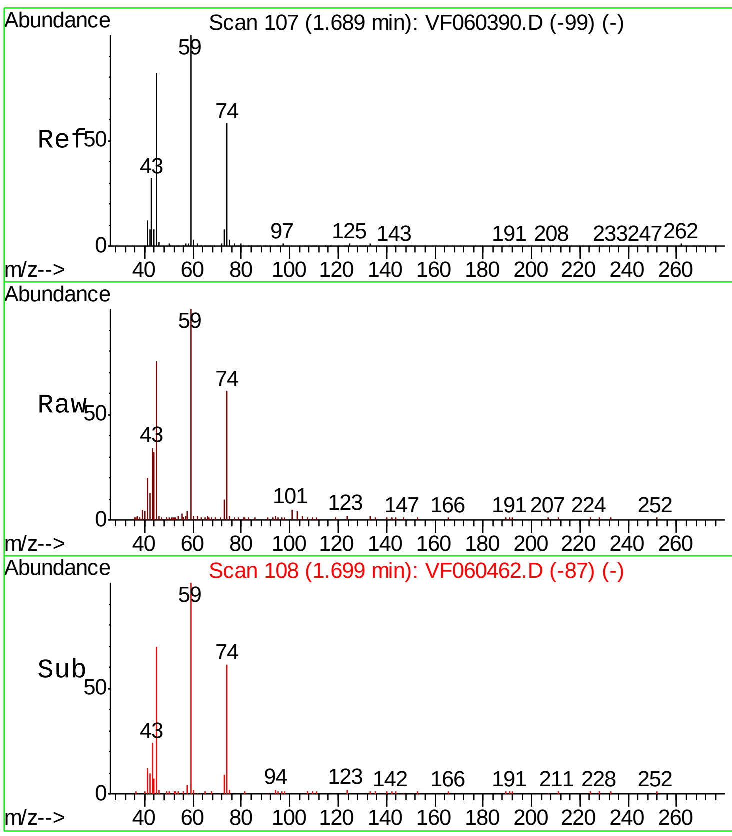
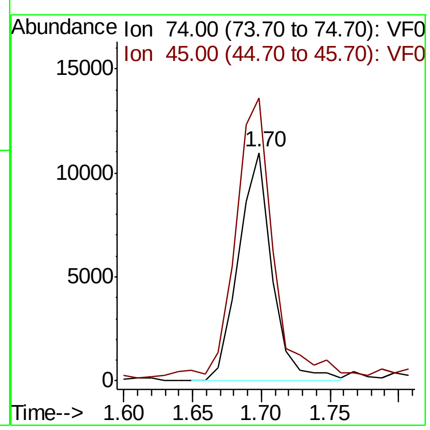


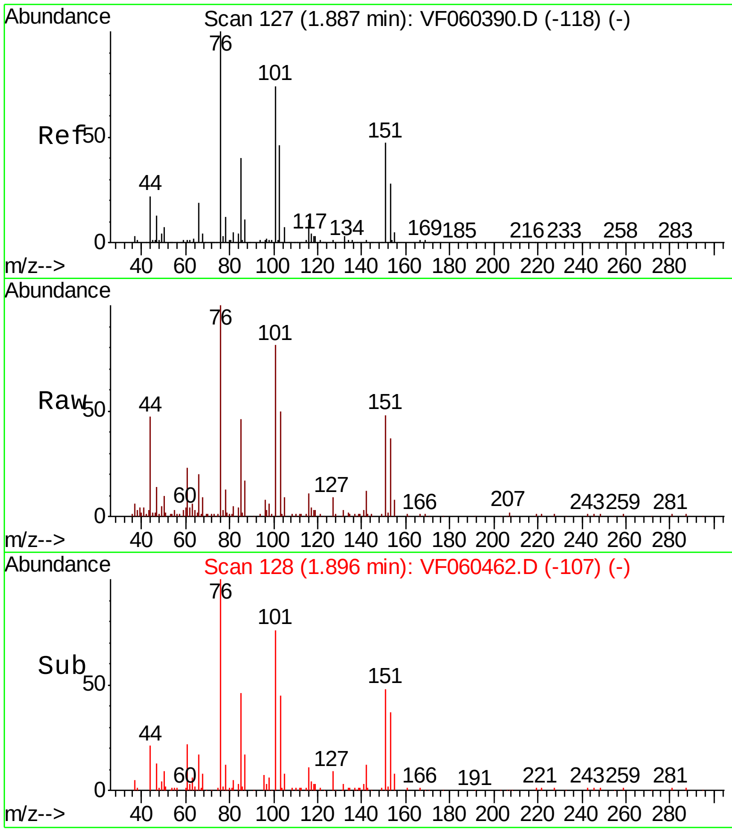


#8
Diethyl Ether
Concen: 20.572 ug/l
RT: 1.70 min Scan# 108
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 74 Resp: 18781

Ion	Ratio	Lower	Upper
74	100		
45	123.8	71.3	213.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.584 ug/l
RT: 1.90 min Scan# 128
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

Tgt Ion:101 Resp: 75255

Ion	Ratio	Lower	Upper
101	100		
85	56.4	42.5	63.7
151	61.4	49.8	74.8

Manual Integrations APPROVED
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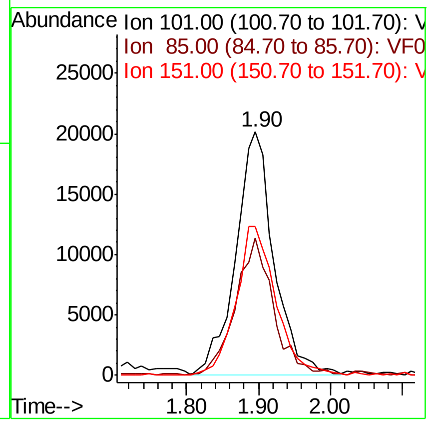
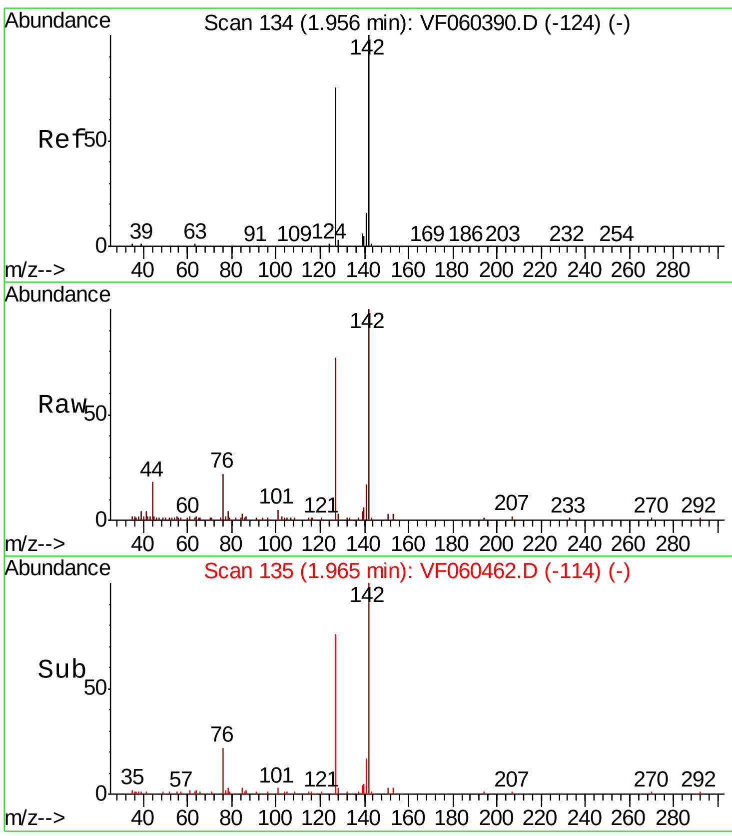
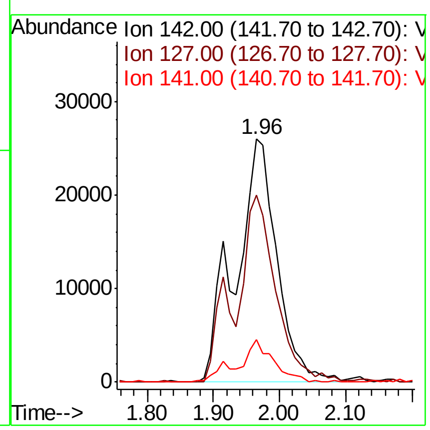


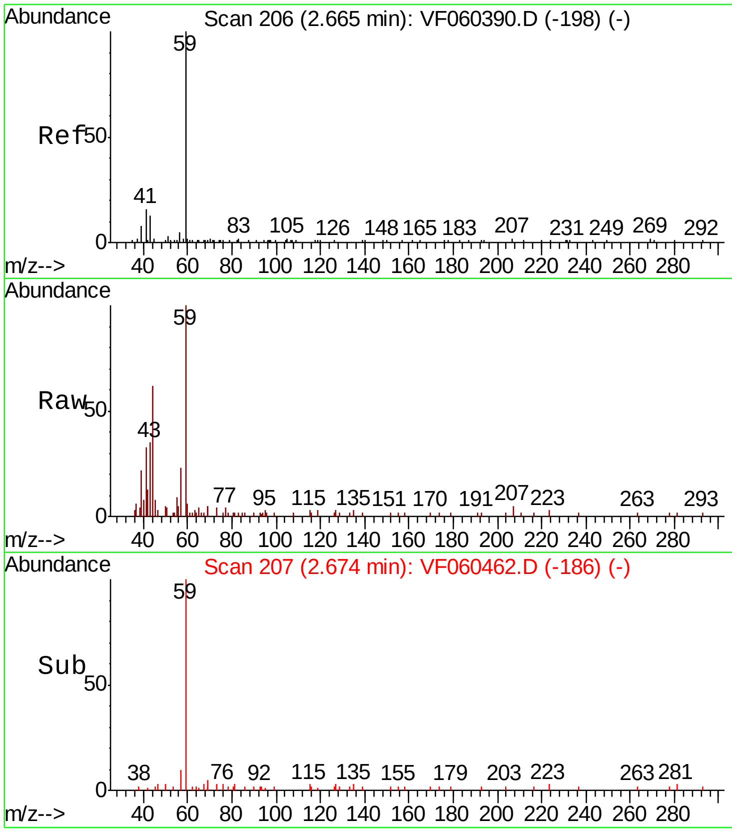


#10
Methyl Iodide
Concen: 23.320 ug/l m
RT: 1.96 min Scan# 135
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion:142 Resp: 113479

Ion	Ratio	Lower	Upper
142	100		
127	76.9	60.2	90.2
141	17.4	13.1	19.7





#11
Tert butyl alcohol
Concen: 115.650 ug/l
RT: 2.67 min Scan# 207
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 59 Resp: 22249

Ion	Ratio	Lower	Upper
59	100		
57	22.9	6.5	9.7#

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

Manual Integrations APPROVED
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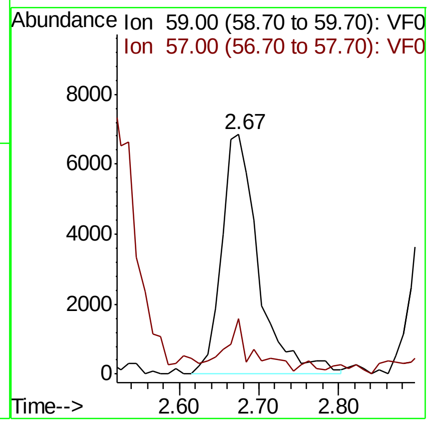
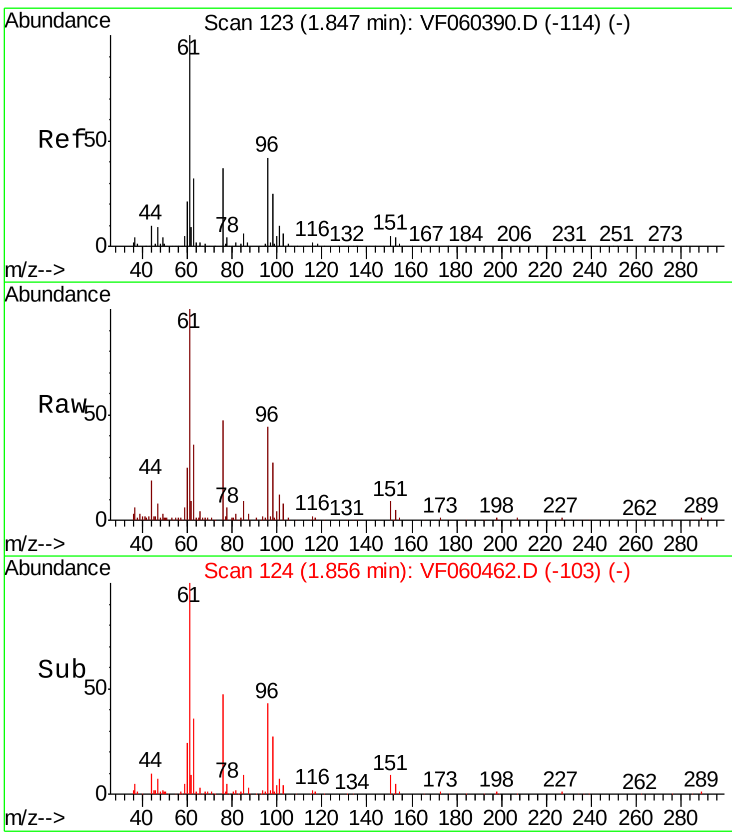
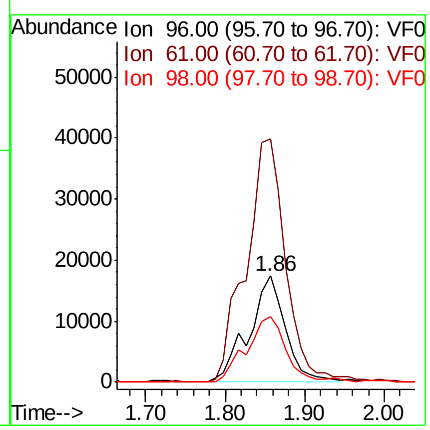


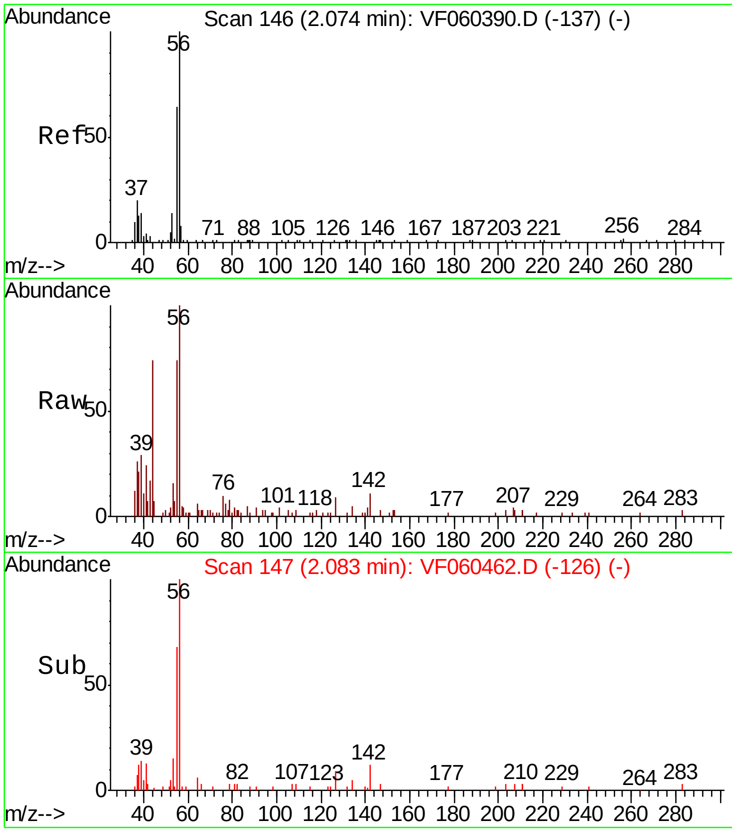


#12
1,1-Dichloroethene
Concen: 22.601 ug/l
RT: 1.86 min Scan# 124
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 96 Resp: 55723

Ion	Ratio	Lower	Upper
96	100		
61	229.0	189.4	284.0
98	61.3	47.8	71.6





#13
Acrolein
Concen: 99.854 ug/l
RT: 2.08 min Scan# 147
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 56 Resp: 15449

Ion	Ratio	Lower	Upper
56	100		
55	73.6	53.9	80.9

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

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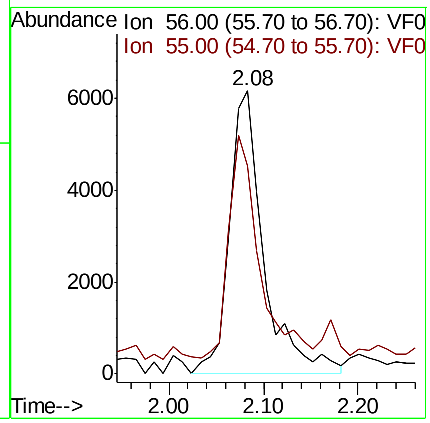
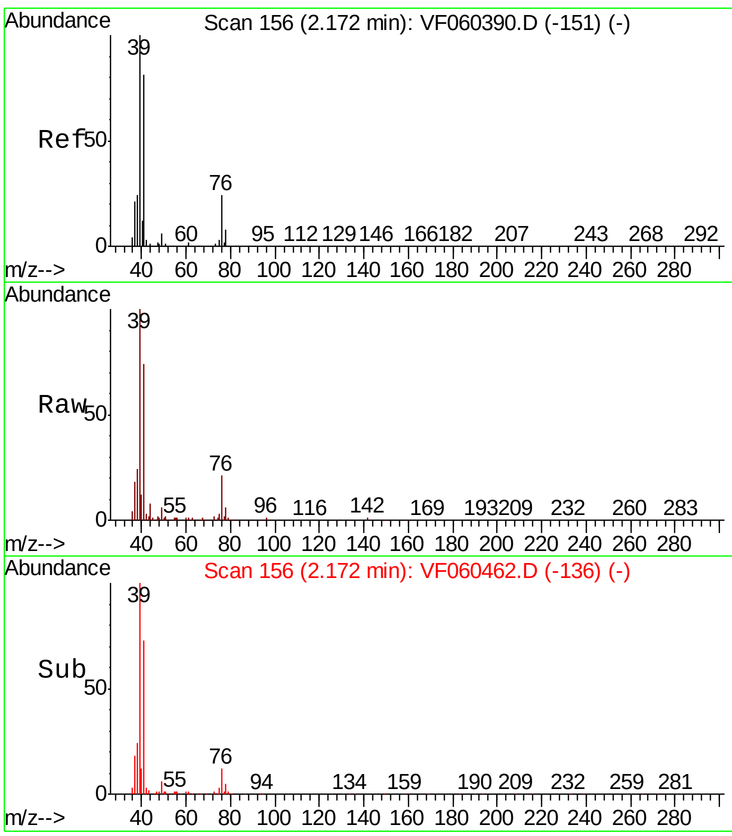
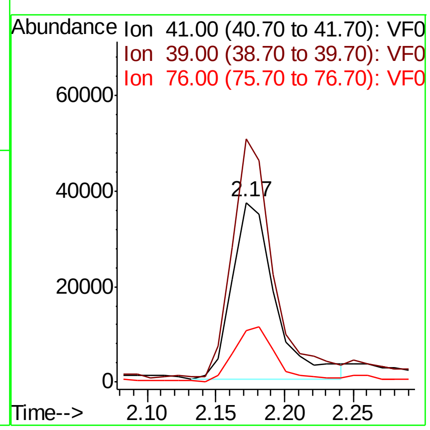


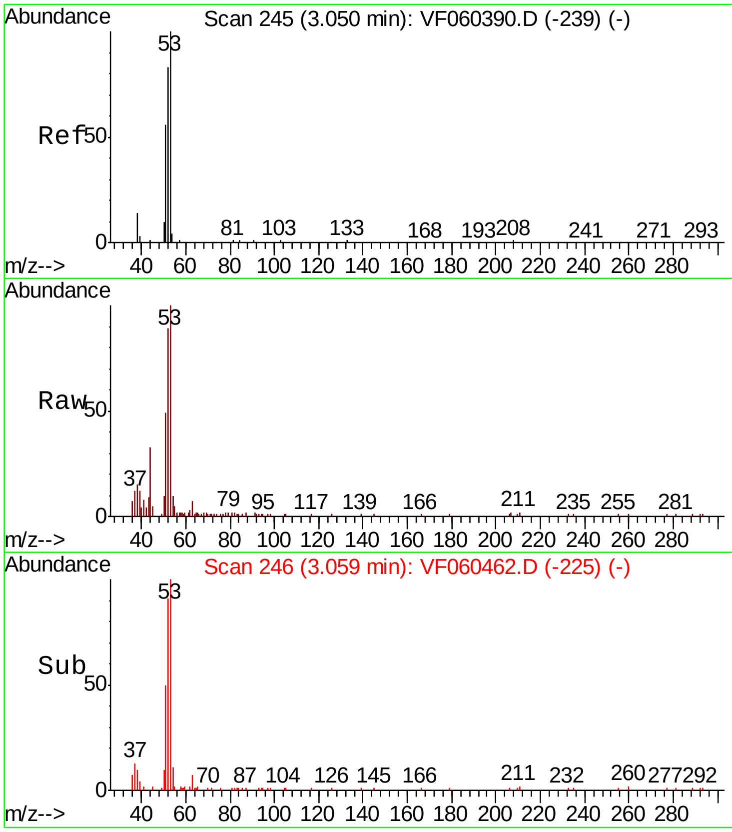


#14
Allyl chloride
Concen: 20.461 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 41 Resp: 80835

Ion	Ratio	Lower	Upper
41	100		
39	135.3	98.3	147.5
76	28.9	23.9	35.9





#15
Acrylonitrile
Concen: 114.950 ug/l
RT: 3.06 min   Scan# 246
Delta R.T.   0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion: 53 Resp: 37893

Ion	Ratio	Lower	Upper
53	100		
52	89.4	66.0	99.0
51	48.9	45.6	68.4

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

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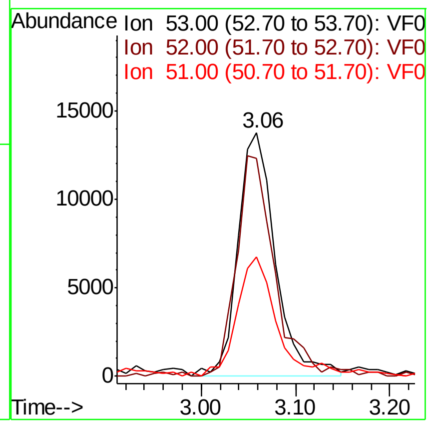
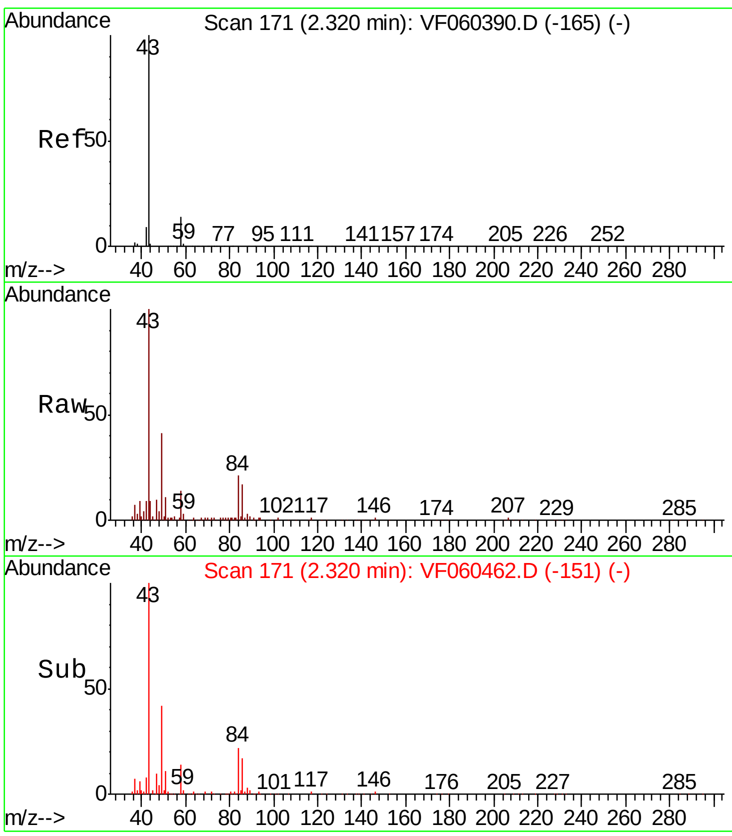
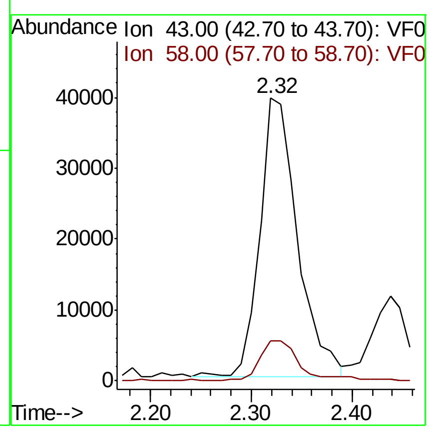


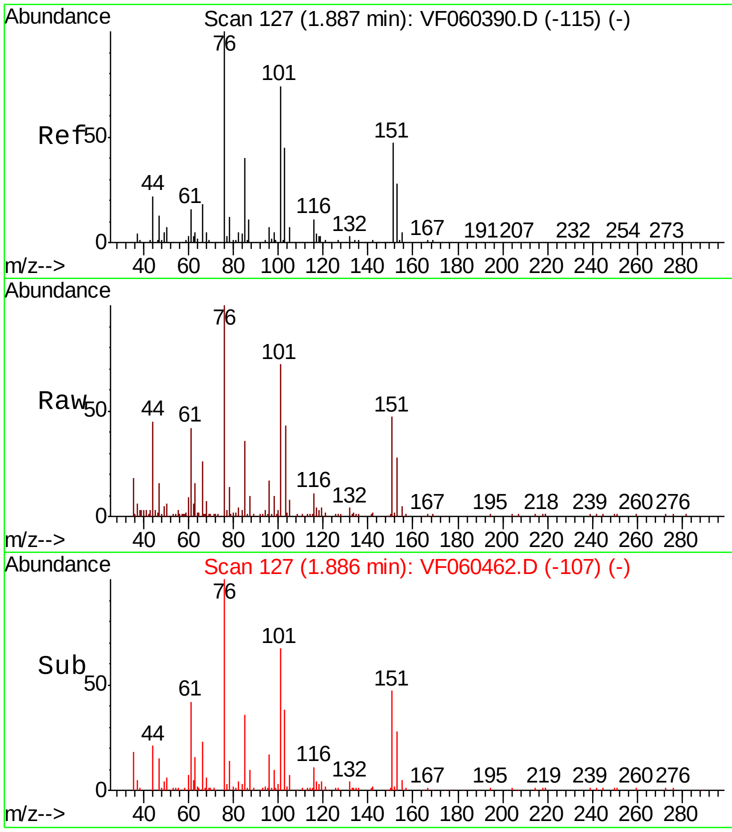


#16
Acetone
Concen: 147.026 ug/l
RT: 2.32 min   Scan# 171
Delta R.T.   -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion: 43 Resp: 102716

Ion	Ratio	Lower	Upper
43	100		
58	14.1	11.2	16.8





#17
Carbon Disulfide
Concen: 22.838 ug/l m
RT: 1.89 min Scan# 127
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

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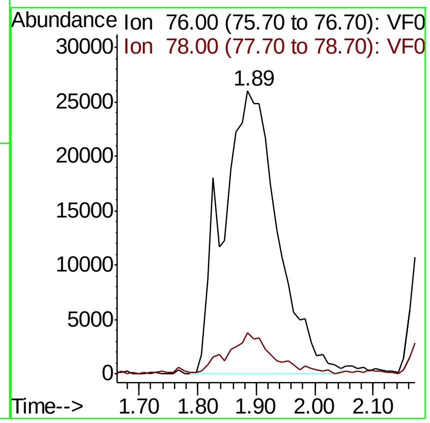
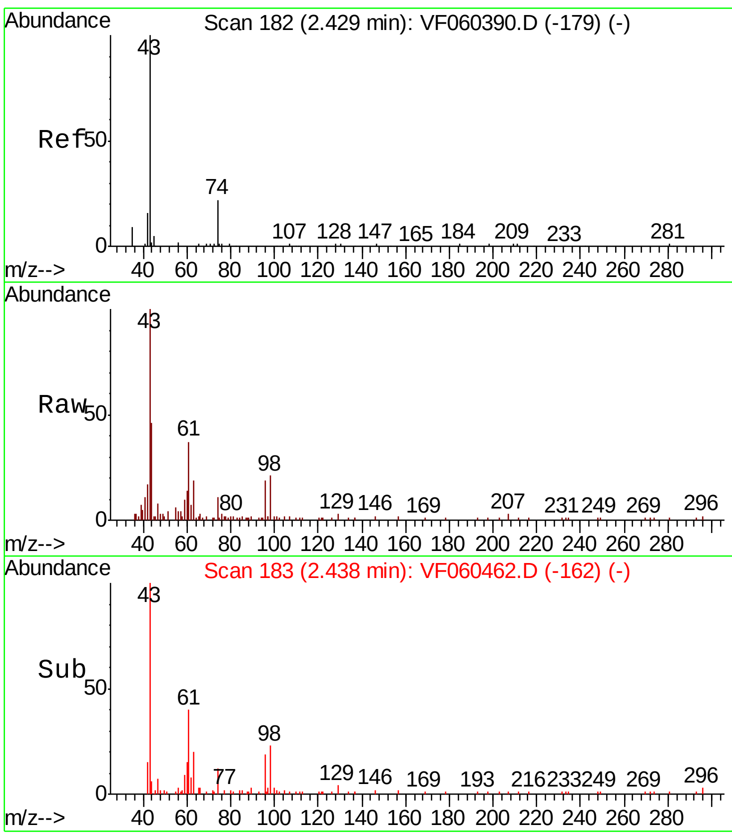
Tgt Ion: 76 Resp: 170504

Ion	Ratio	Lower	Upper
76	100		
78	14.4	10.1	15.1

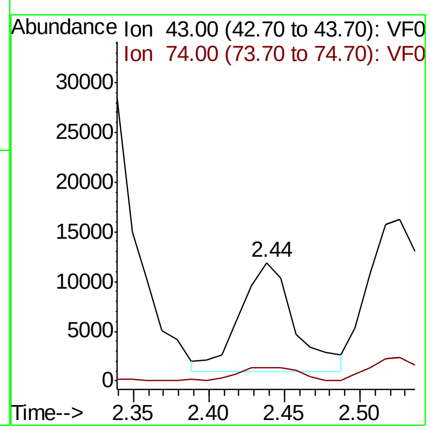


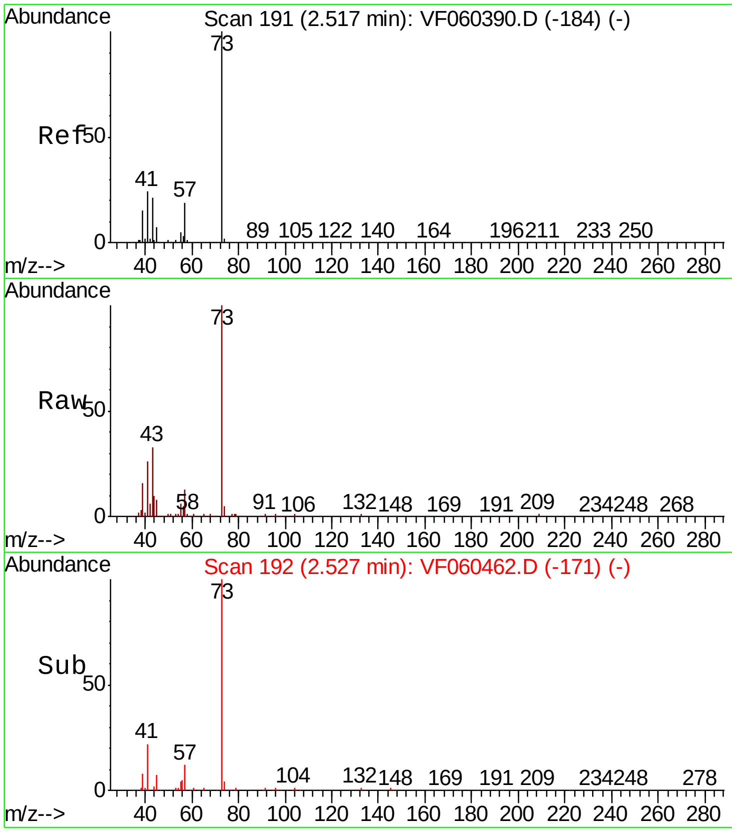


#18
Methyl Acetate
Concen: 22.018 ug/l
RT: 2.44 min Scan# 183
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 43 Resp: 27508

Ion	Ratio	Lower	Upper
43	100		
74	11.4	15.8	23.8#





#19
Methyl tert-butyl Ether
Concen: 22.718 ug/l
RT: 2.53 min Scan# 192
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 73 Resp: 136424

Ion	Ratio	Lower	Upper
73	100		
57	13.4	15.9	23.9#

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

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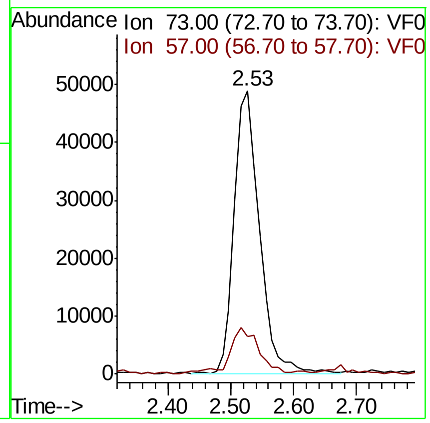
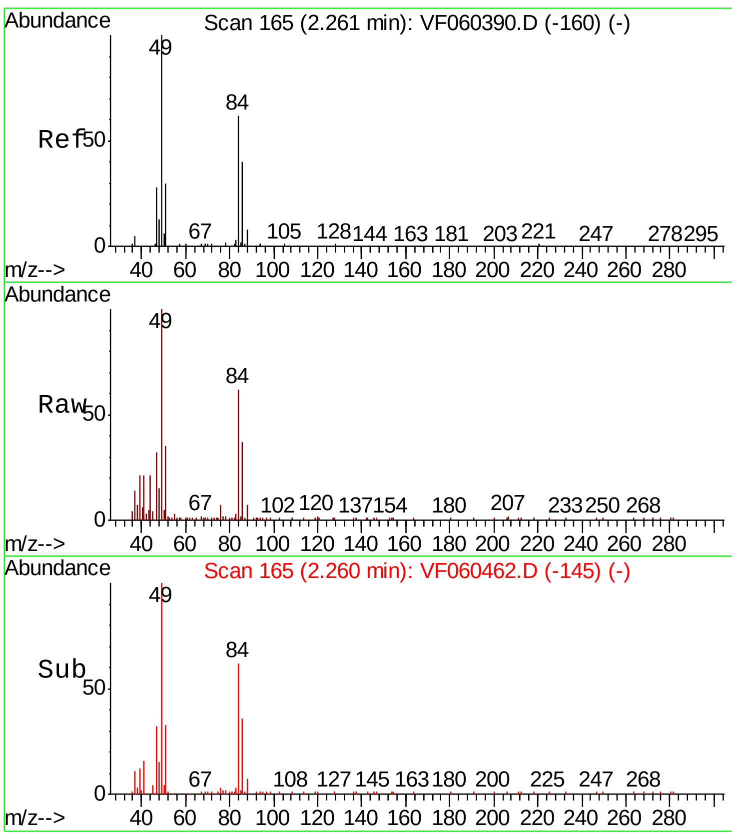
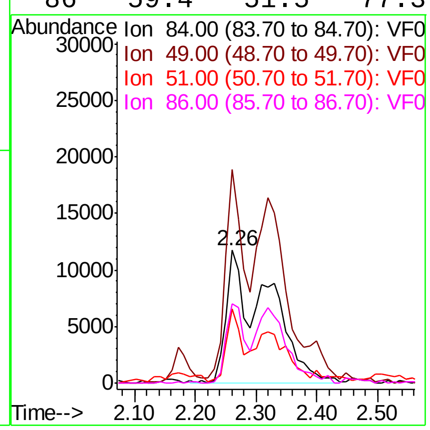


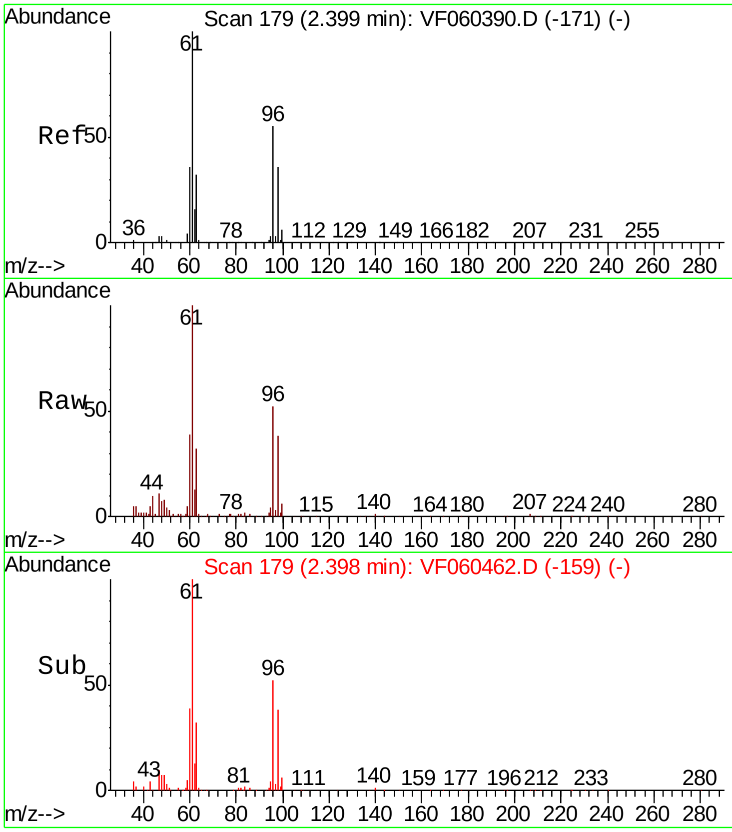


#20
Methylene Chloride
Concen: 21.415 ug/l m
RT: 2.26 min Scan# 165
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 84 Resp: 57103

Ion	Ratio	Lower	Upper
84	100		
49	160.6	130.2	195.2
51	56.3	41.0	61.6
86	59.4	51.5	77.3





#21
trans-1,2-Dichloroethene
Concen: 22.693 ug/l
RT: 2.40 min Scan# 179
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

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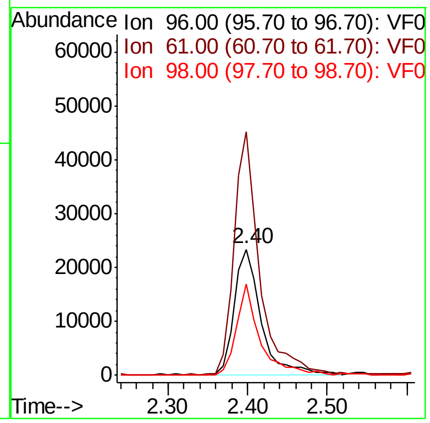
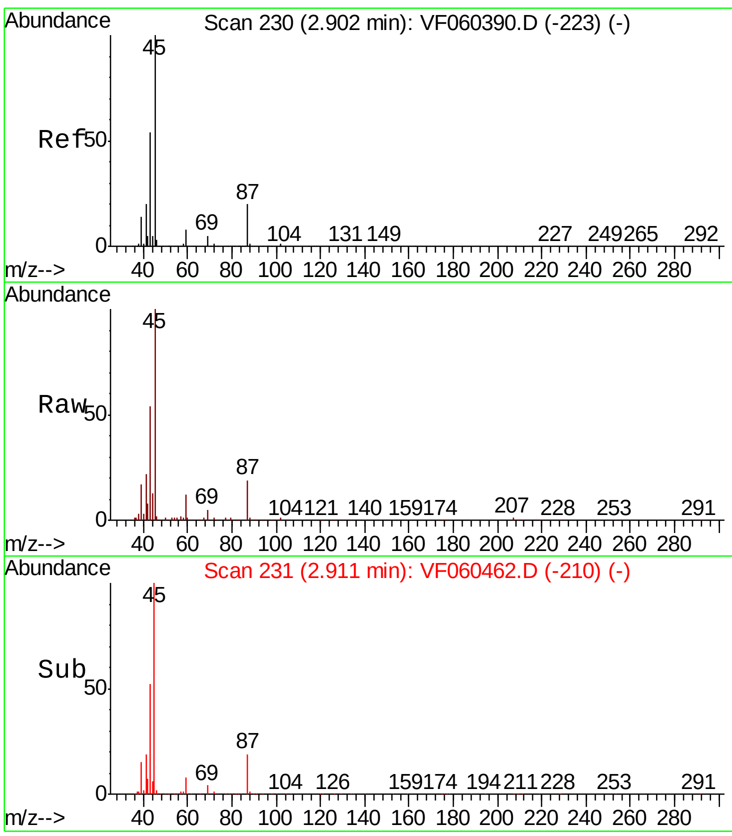
Tgt Ion: 96 Resp: 55878

Ion	Ratio	Lower	Upper
96	100		
61	192.7	146.2	219.2
98	72.3	52.6	78.8

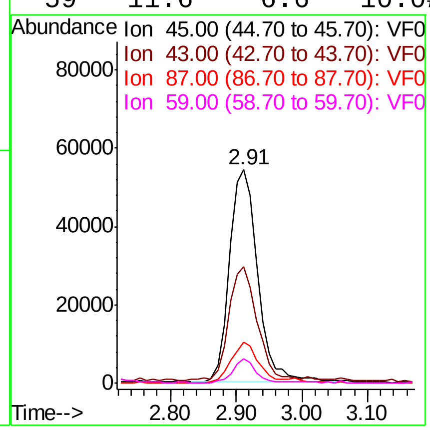


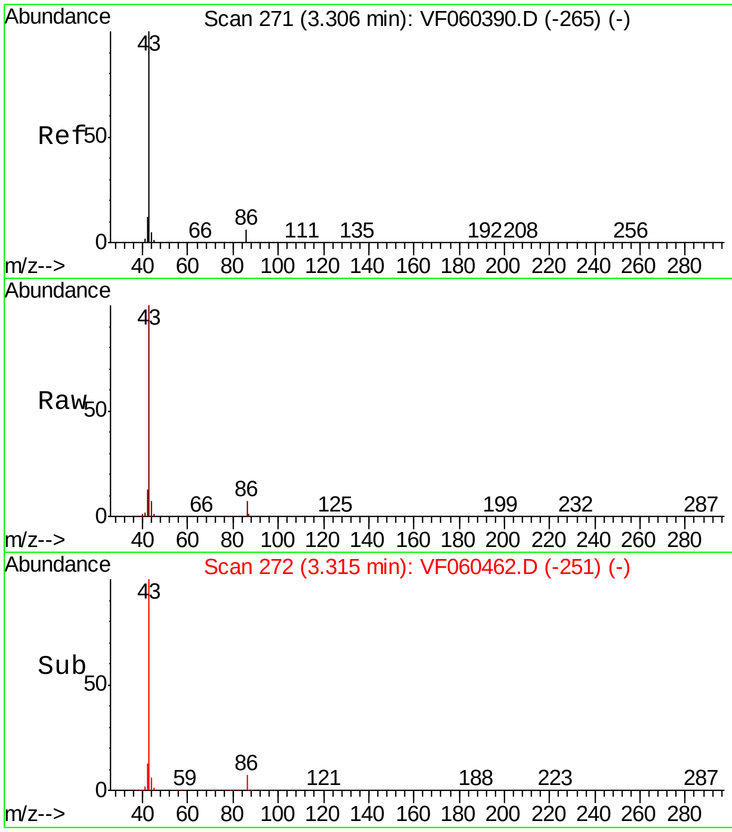


#22
Diisopropyl ether
Concen: 22.778 ug/l
RT: 2.91 min Scan# 231
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 45 Resp: 163334

Ion	Ratio	Lower	Upper
45	100		
43	54.3	43.8	65.8
87	19.0	16.3	24.5
59	11.6	6.6	10.0#





#23
Vinyl Acetate
Concen: 106.833 ug/l
RT: 3.32 min Scan# 272
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

Tgt Ion: 43 Resp: 304312

Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.1	7.7

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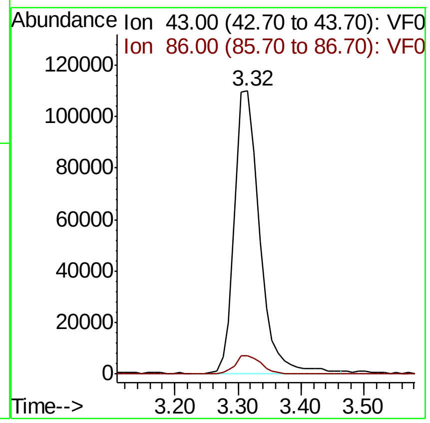
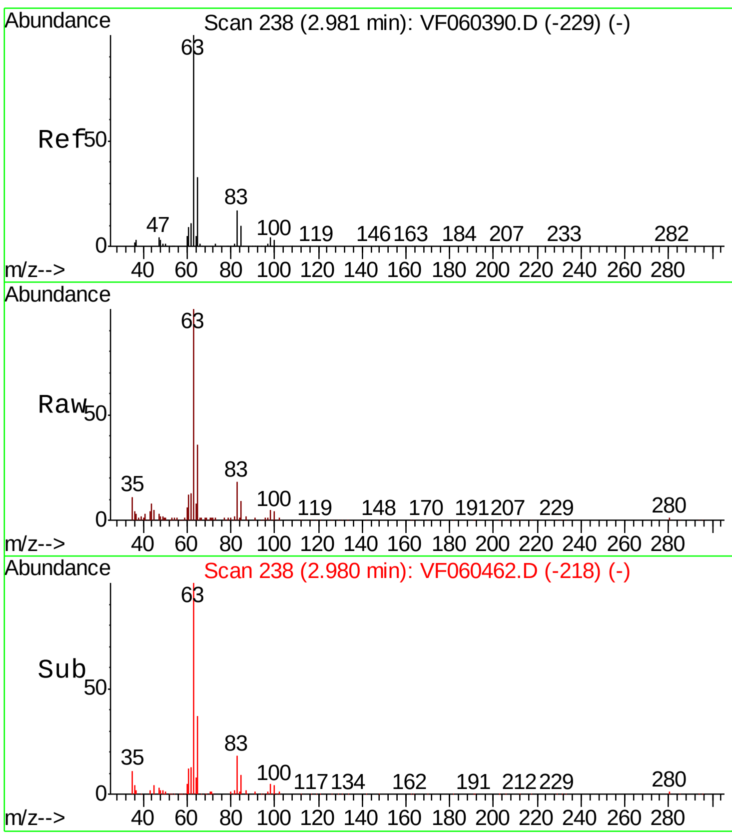
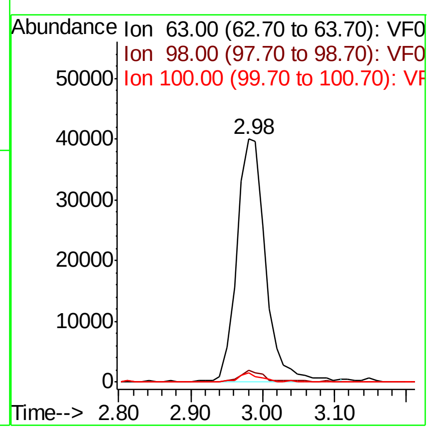


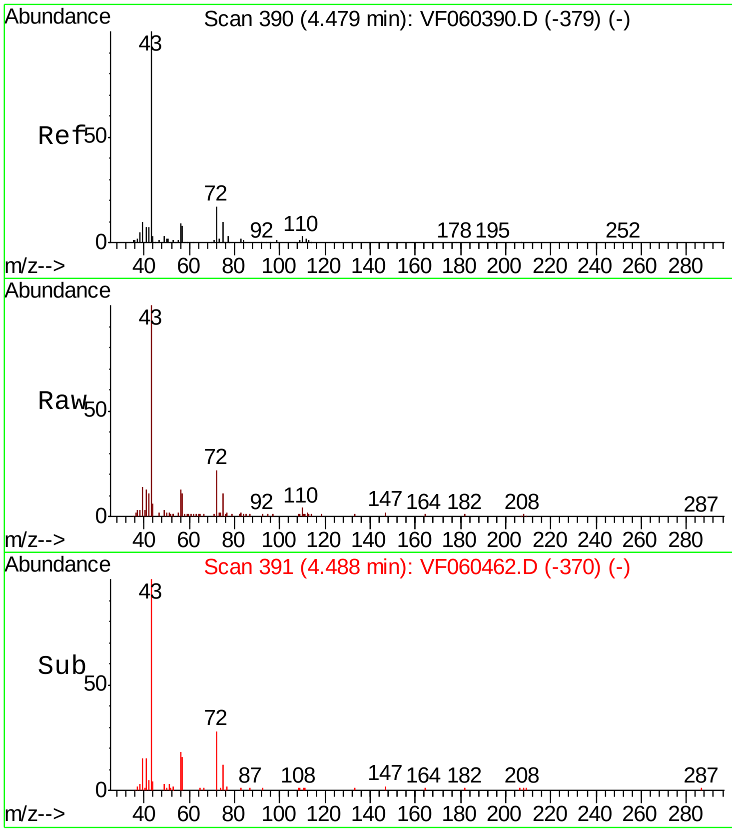


#24
1,1-Dichloroethane
Concen: 23.069 ug/l
RT: 2.98 min Scan# 238
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 63 Resp: 111868

Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.0	5.8
100	3.6	1.4	4.2





#25
2-Butanone
Concen: 115.376 ug/l
RT: 4.49 min   Scan# 391
Delta R.T.   0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

Tgt Ion: 43 Resp: 95018

Ion	Ratio	Lower	Upper
43	100		
72	22.3	14.1	21.1#

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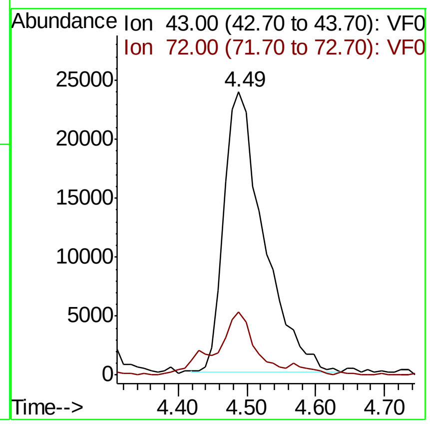
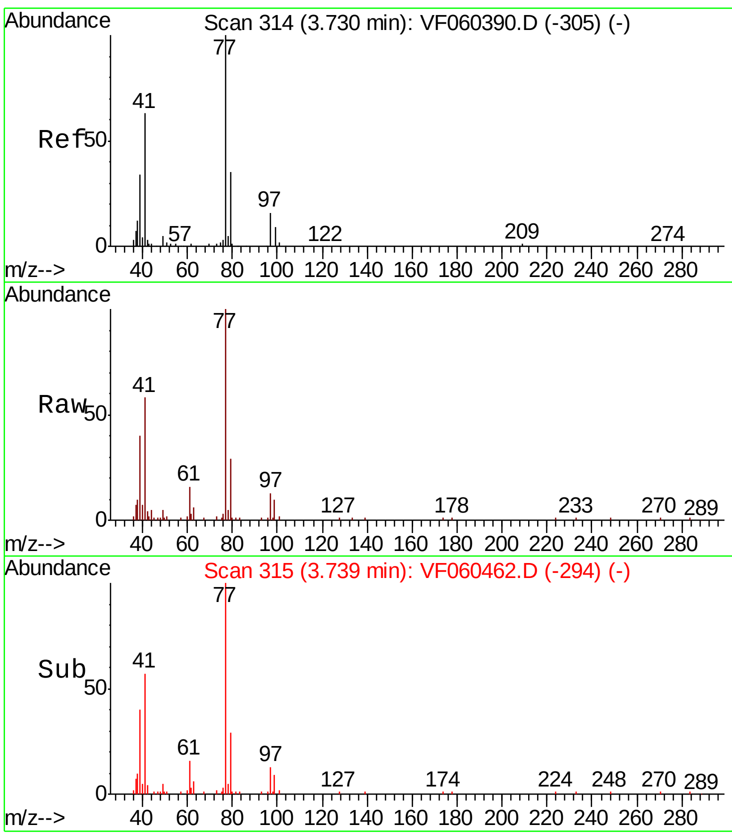
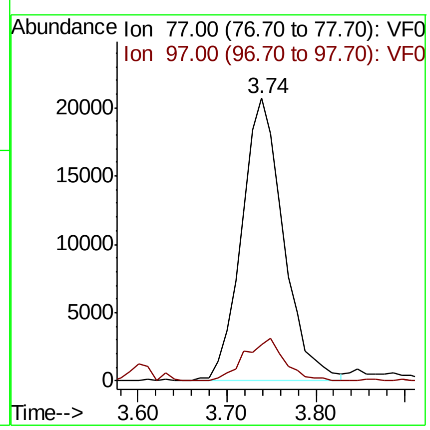


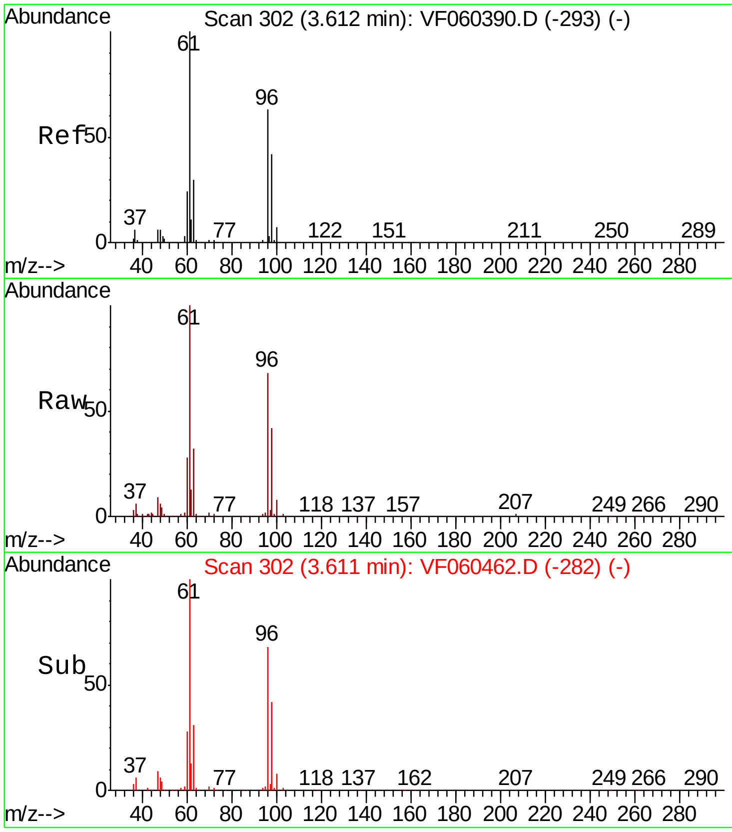


#26
2,2-Dichloropropane
Concen: 24.535 ug/l
RT: 3.74 min   Scan# 315
Delta R.T.   0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion: 77 Resp: 67384

Ion	Ratio	Lower	Upper
77	100		
97	12.7	8.3	25.1





#27
cis-1,2-Dichloroethene
Concen: 22.554 ug/l
RT: 3.61 min Scan# 302
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

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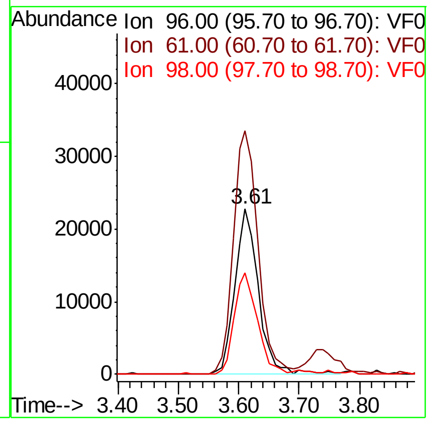
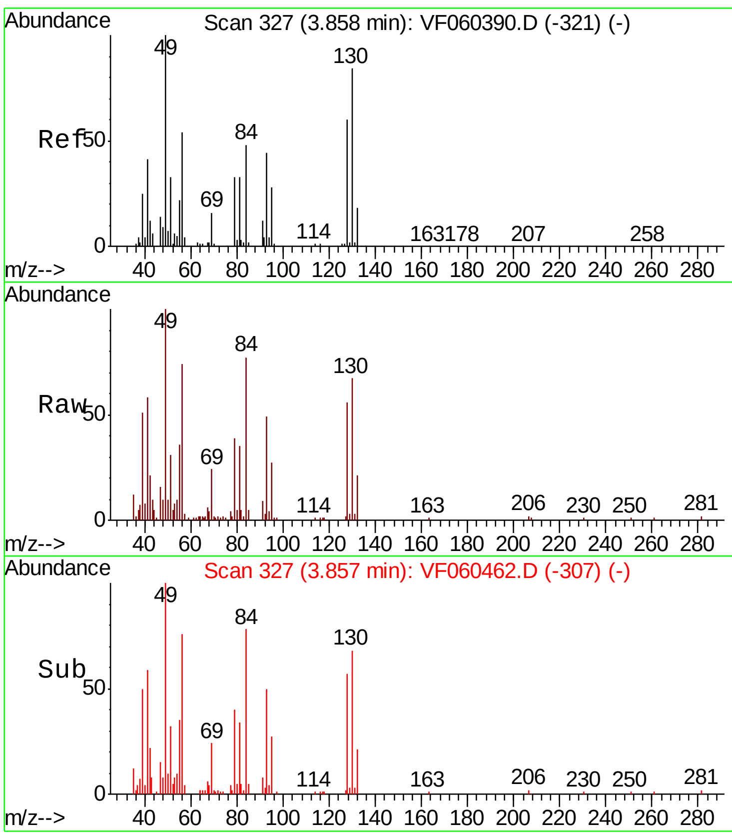
Tgt Ion: 96 Resp: 62094

Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	318.2
98	61.1	0.0	134.0

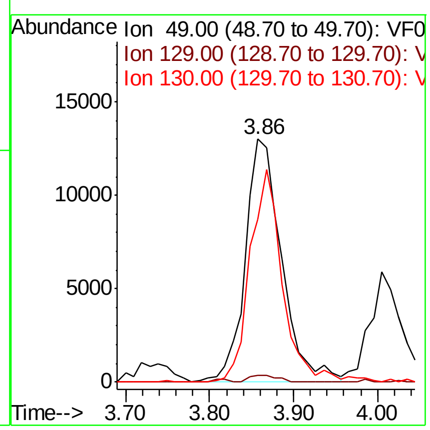


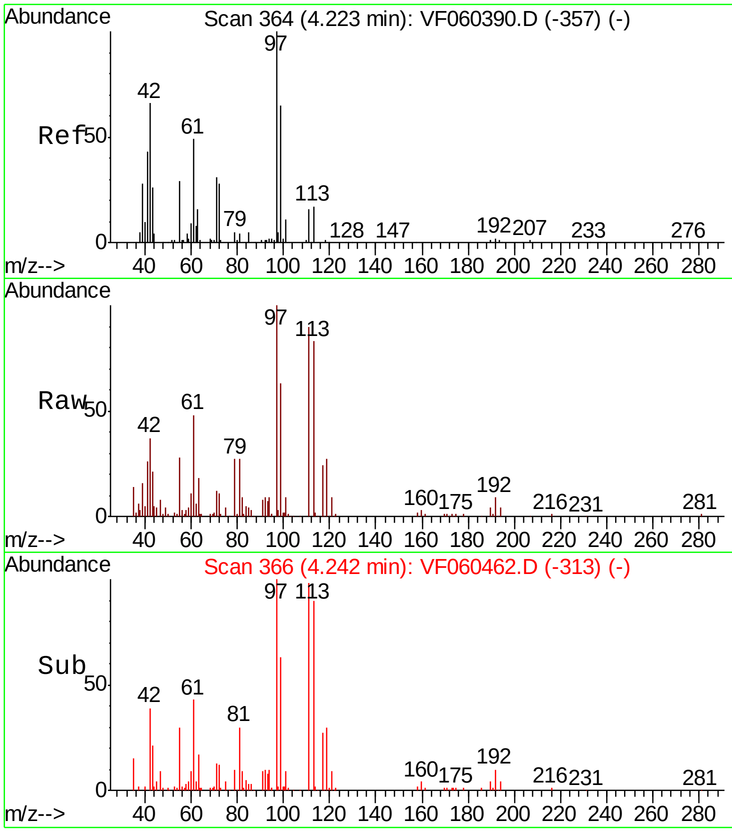


#28
Bromochloromethane
Concen: 22.161 ug/l
RT: 3.86 min Scan# 327
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 49 Resp: 39605

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	66.9	67.3	100.9#





#29
Tetrahydrofuran
Concen: 111.573 ug/l
RT: 4.24 min Scan# 366
Delta R.T. 0.02 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 42 Resp: 35401

Ion	Ratio	Lower	Upper
42	100		
72	39.2	33.6	50.4
71	36.1	32.7	49.1

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

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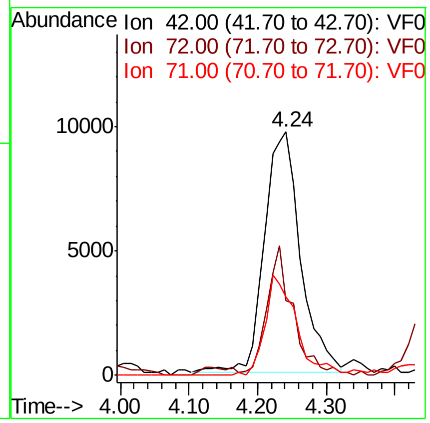
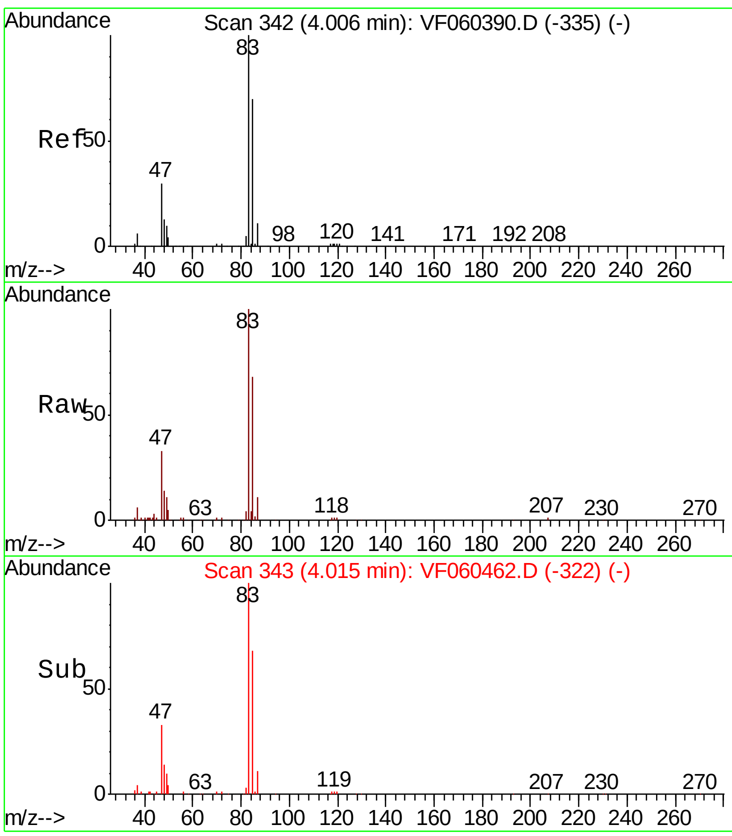
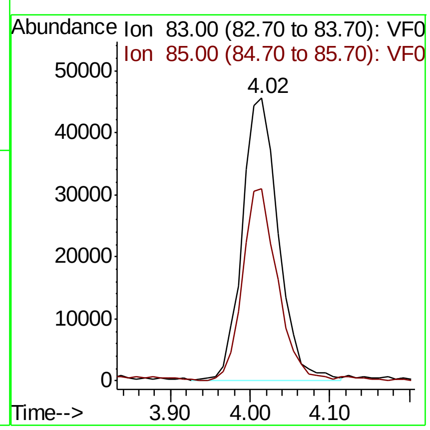


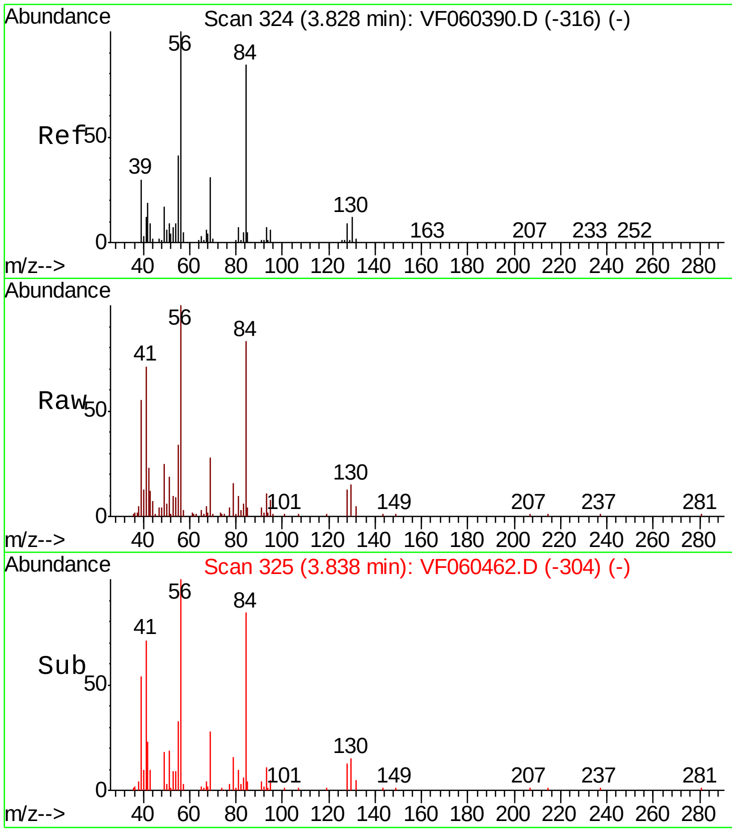


#30
Chloroform
Concen: 23.626 ug/l
RT: 4.02 min Scan# 343
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 83 Resp: 141366

Ion	Ratio	Lower	Upper
83	100		
85	68.2	55.9	83.9






```
#31
Cyclohexane
Concen:   21.278 ug/l
RT: 3.84 min  Scan# 325
Delta R.T.   0.01 min
Lab File:   VF060462.D
Acq:  5 Oct 2018  18:13

Tgt Ion: 56 Resp:   74092
Ion  Ratio  Lower  Upper
 56  100
 69   28.1   25.5   38.3
 84   83.1   67.4  101.0
```

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

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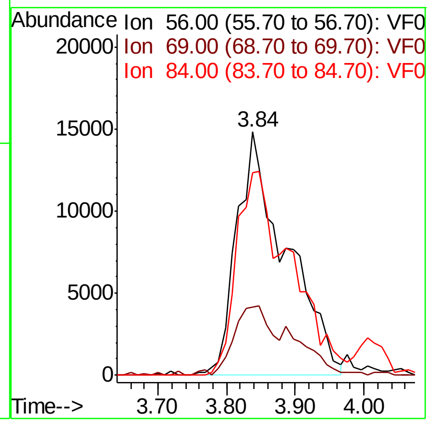
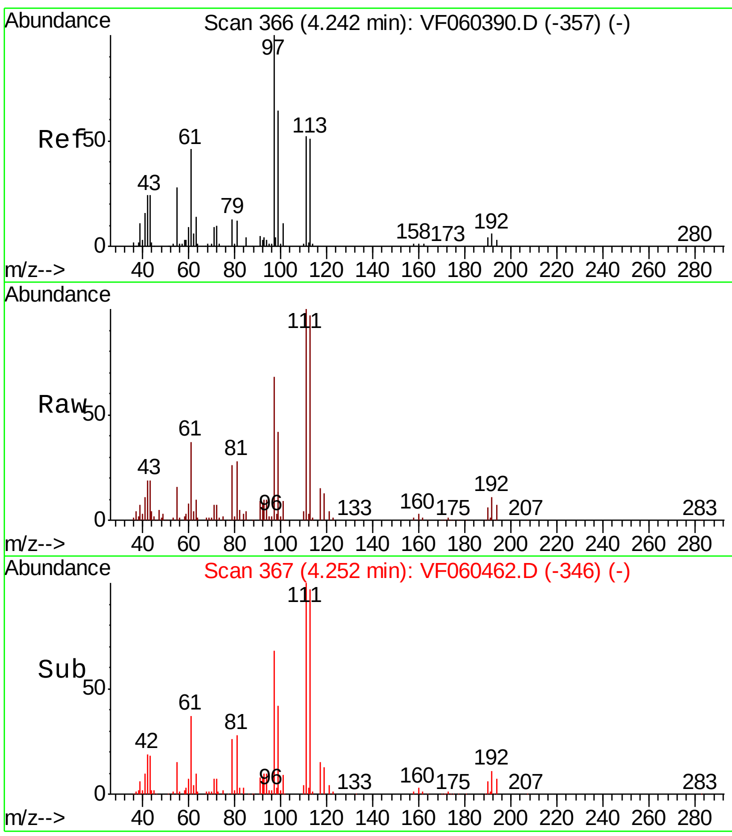
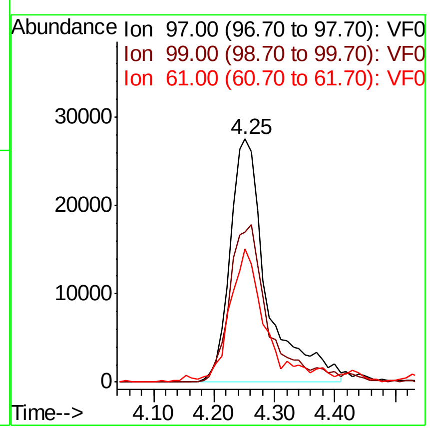
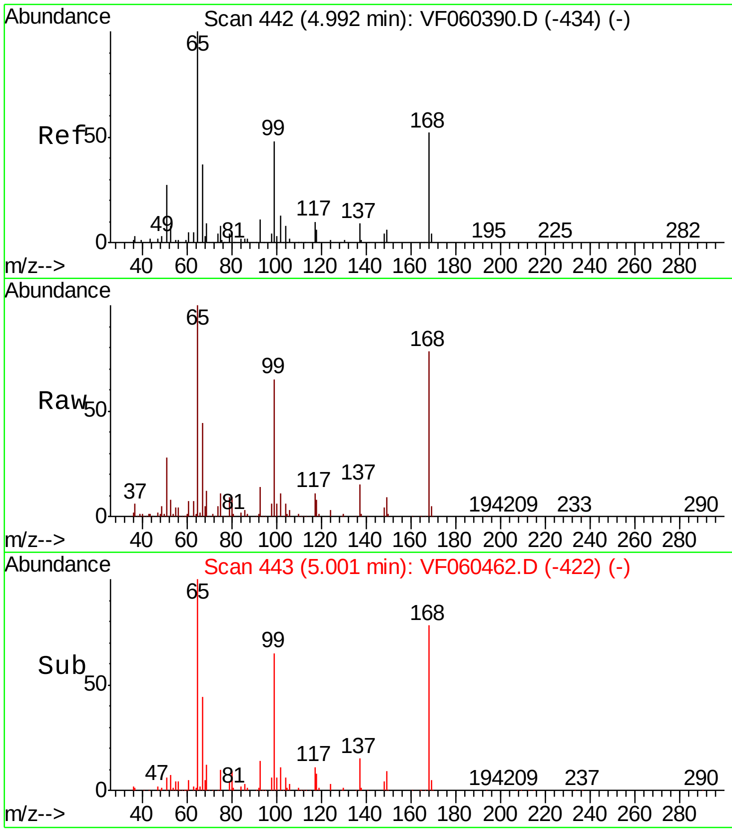





```
#32
1,1,1-Trichloroethane
Concen:   23.552 ug/l
RT: 4.25 min  Scan# 367
Delta R.T.   0.01 min
Lab File:   VF060462.D
Acq:  5 Oct 2018  18:13

Tgt Ion: 97 Resp:  117272
Ion  Ratio  Lower  Upper
 97  100
 99   61.8   51.0   76.4
 61   54.7   37.5   56.3
```





#33
1,2-Dichloroethane-d4
Concen: 56.520 ug/l
RT: 5.00 min   Scan# 443
Delta R.T.   0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion: 65 Resp: 179766

Ion	Ratio	Lower	Upper
65	100		
67	44.5	0.0	89.4

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

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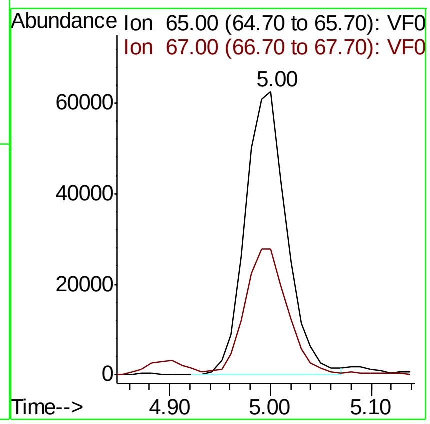
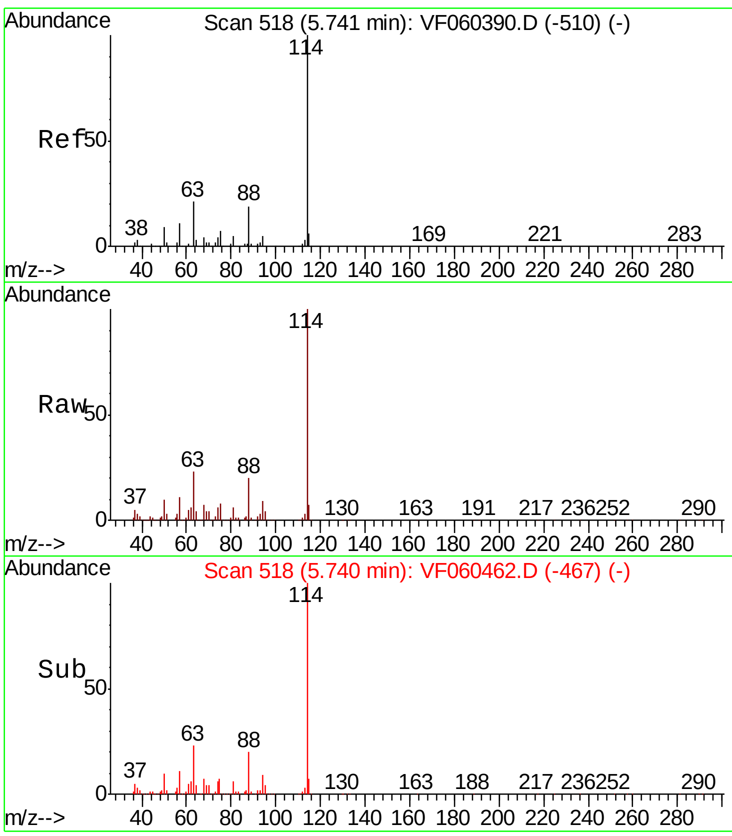
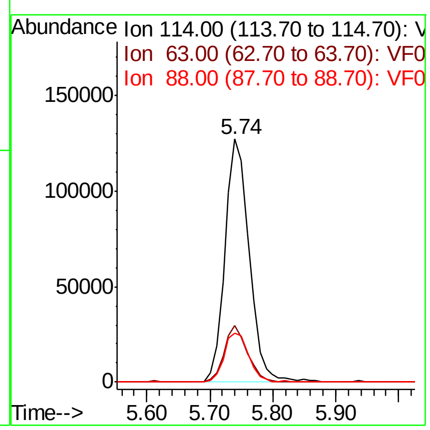




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.74 min   Scan# 518
Delta R.T.   -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion:114 Resp: 341129

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	42.2
88	20.3	0.0	38.8



Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

Manual Integrations APPROVED
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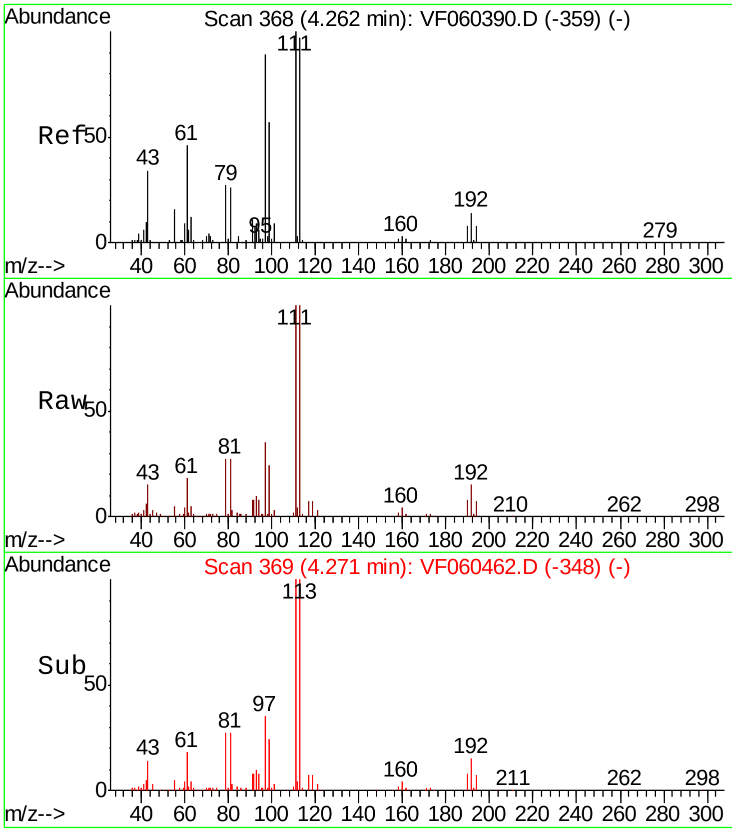
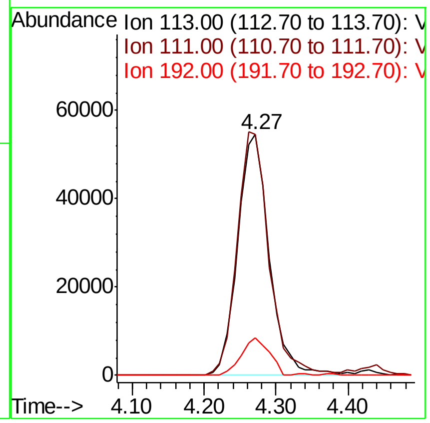
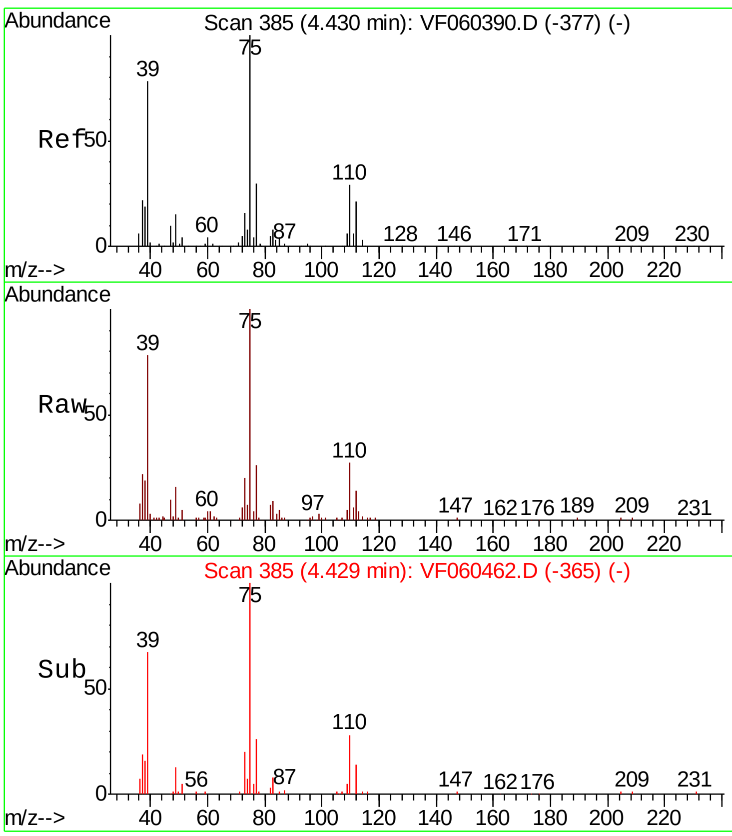


#35
Dibromofluoromethane
Concen: 52.130 ug/l
RT: 4.27 min   Scan# 369
Delta R.T.   0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion:113 Resp: 167061

Ion	Ratio	Lower	Upper
113	100		
111	100.3	82.3	123.5
192	15.4	11.8	17.6

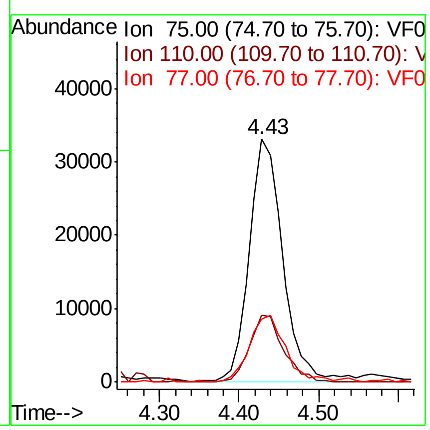


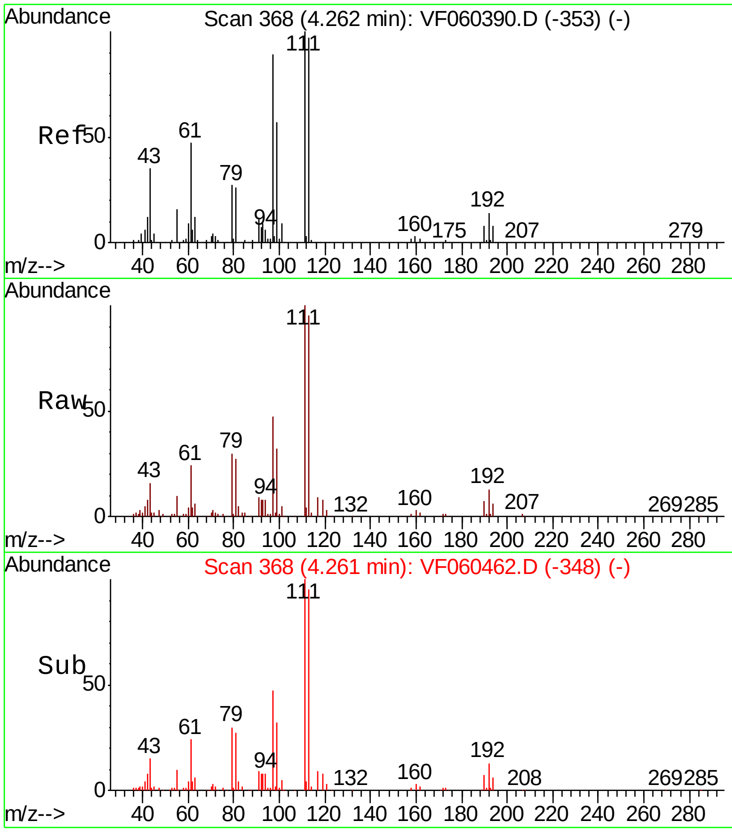


#36
1,1-Dichloropropene
Concen: 22.605 ug/l
RT: 4.43 min   Scan# 385
Delta R.T.   -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion: 75 Resp: 95075

Ion	Ratio	Lower	Upper
75	100		
110	27.5	14.5	43.6
77	25.8	24.3	36.5





#37
Ethyl Acetate
Concen: 21.172 ug/l
RT: 4.26 min Scan# 368
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

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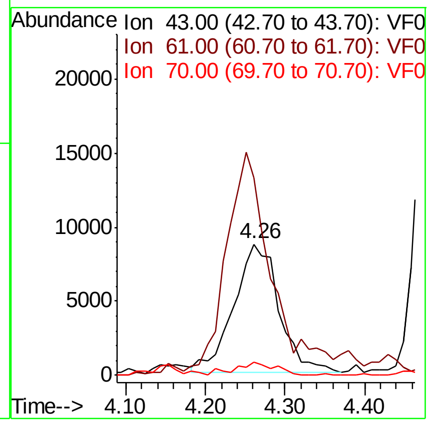
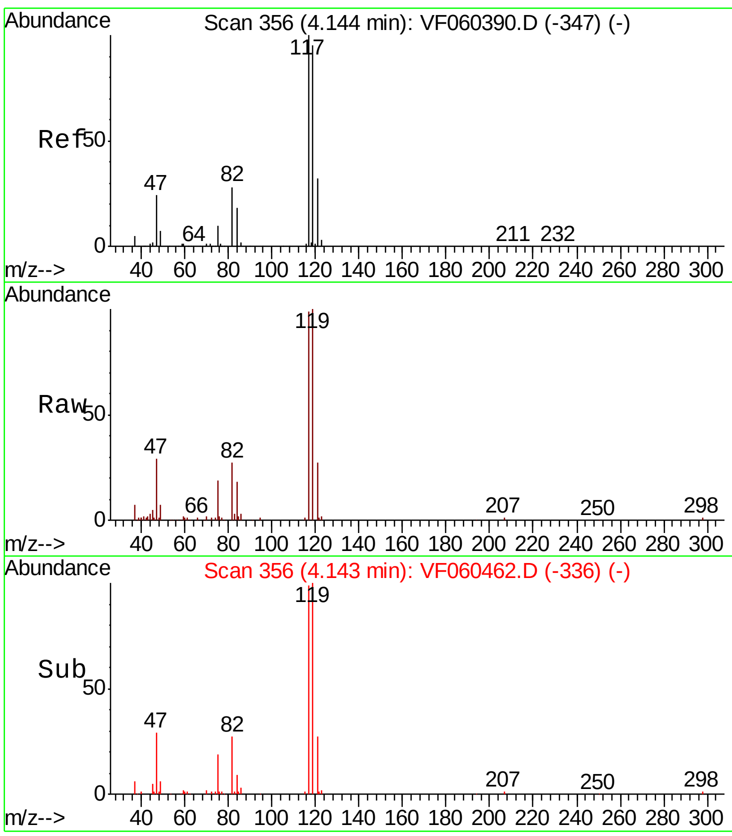
Tgt Ion: 43 Resp: 34099

Ion	Ratio	Lower	Upper
43	100		
61	150.6	105.1	157.7
70	10.3	8.0	12.0

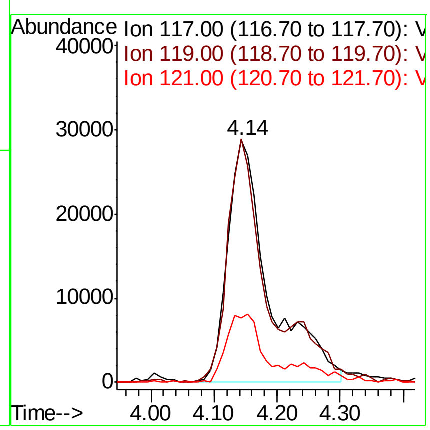


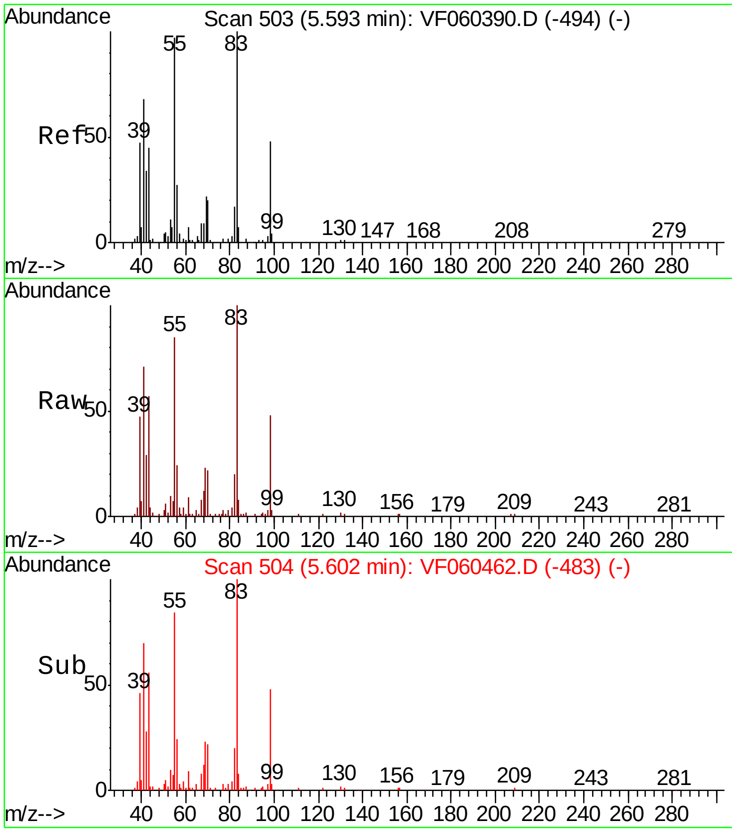


#38
Carbon Tetrachloride
Concen: 25.951 ug/l
RT: 4.14 min Scan# 356
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion:117 Resp: 132855

Ion	Ratio	Lower	Upper
117	100		
119	100.6	75.5	113.3
121	26.7	25.4	38.0





#39
Methylcyclohexane
Concen: 21.083 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

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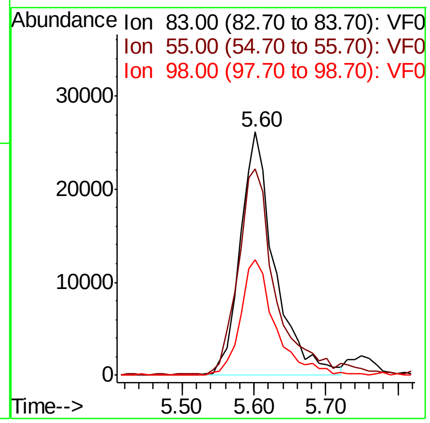
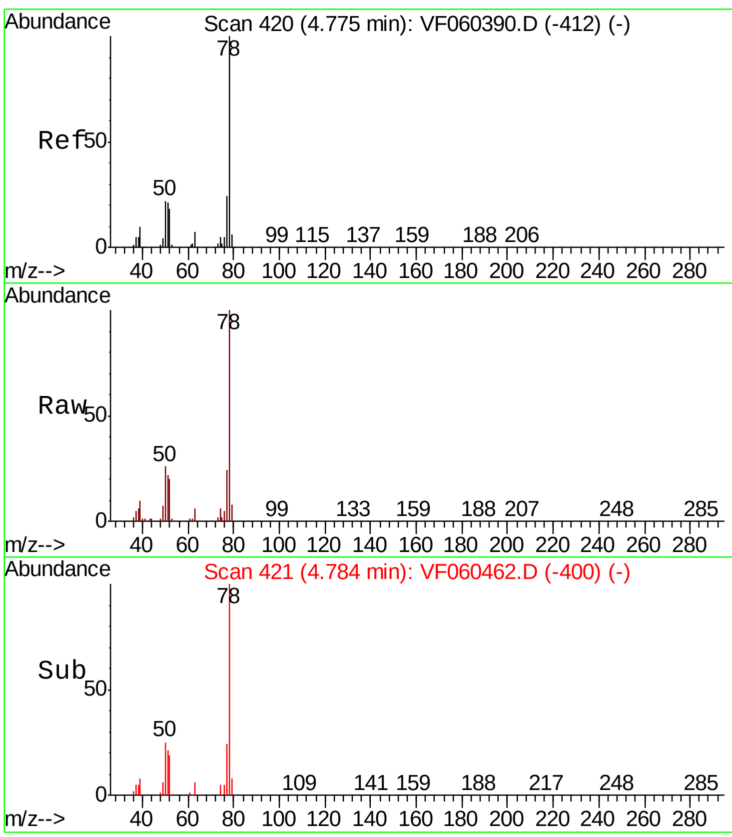
Tgt Ion: 83 Resp: 86928

Ion	Ratio	Lower	Upper
83	100		
55	84.9	77.5	116.3
98	47.5	38.7	58.1

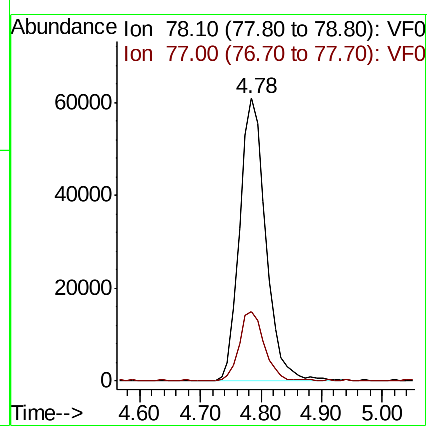


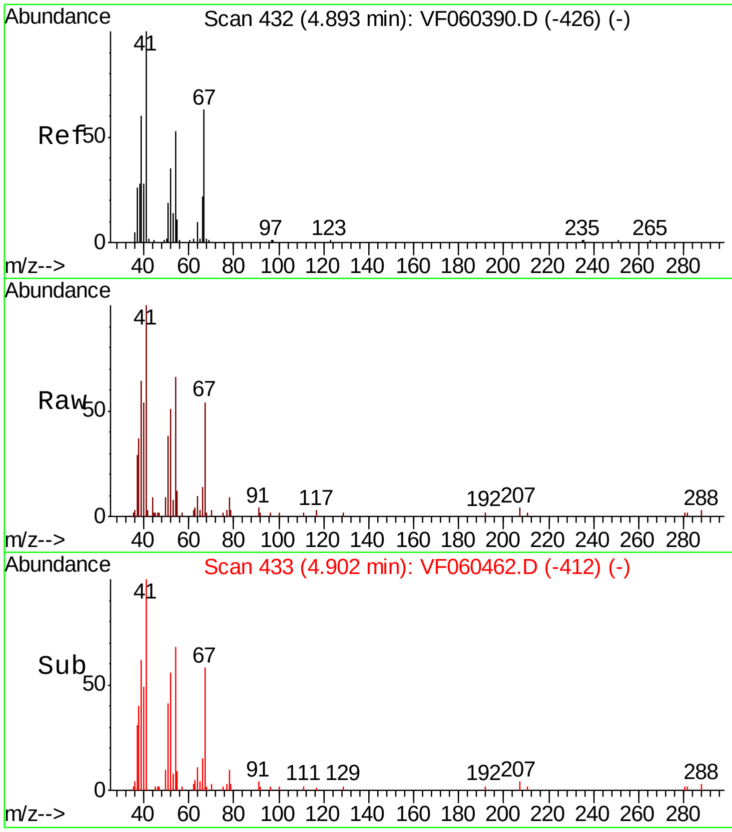


#40
Benzene
Concen: 22.034 ug/l
RT: 4.78 min Scan# 421
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 78 Resp: 183974

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8

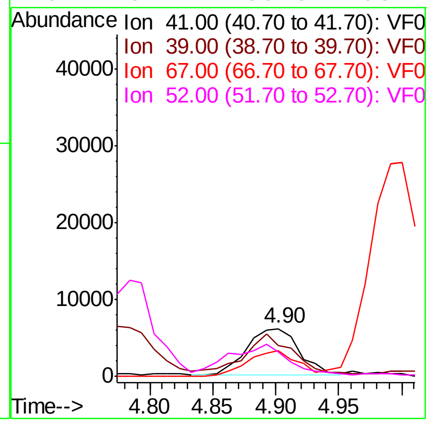




#41
Methacrylonitrile
Concen: 20.714 ug/l
RT: 4.90 min Scan# 433
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 41 Resp: 17689

Ion	Ratio	Lower	Upper
41	100		
39	63.9	55.0	82.4
67	53.6	49.6	74.4
52	51.4	38.8	58.2



Instrument :
MSVOA_F
ClientSampleId :
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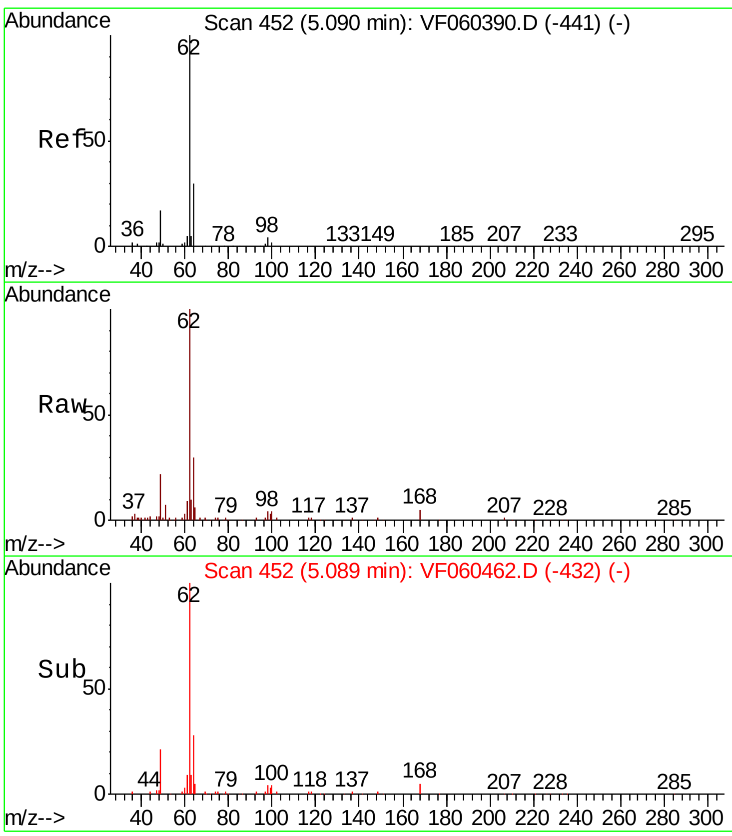
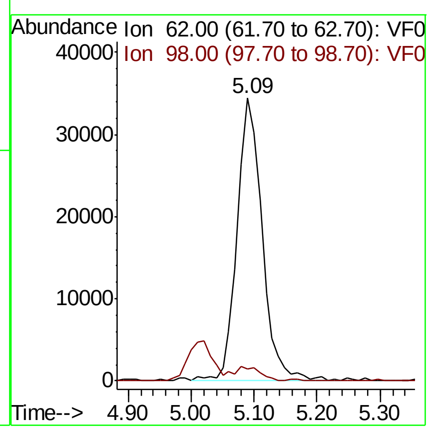
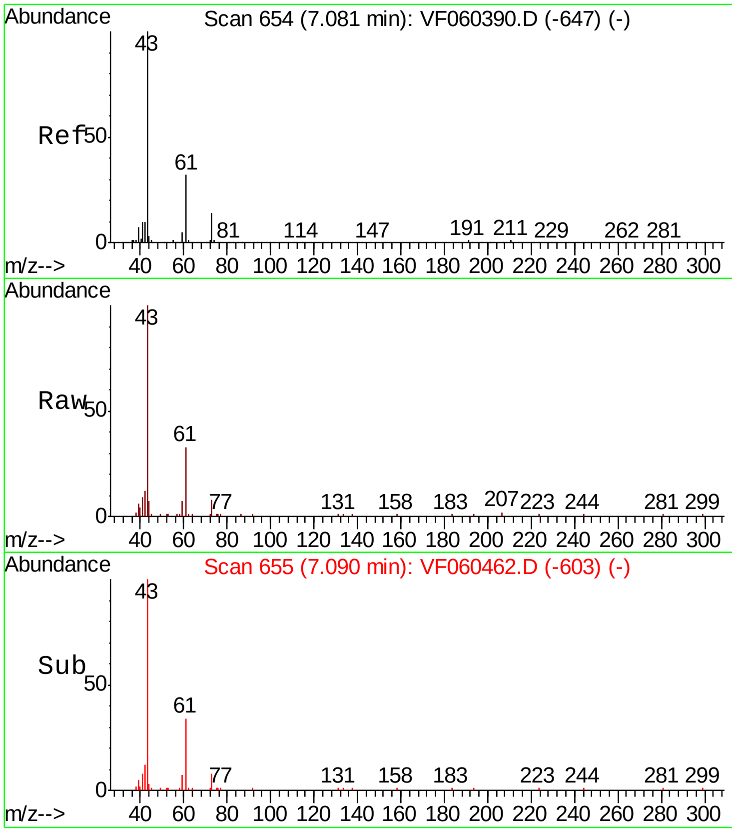


#42
1,2-Dichloroethane
Concen: 23.794 ug/l
RT: 5.09 min Scan# 452
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 62 Resp: 94779

Ion	Ratio	Lower	Upper
62	100		
98	4.2	0.0	11.2





#43
Isopropyl Acetate
Concen: 21.485 ug/l
RT: 7.09 min Scan# 655
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

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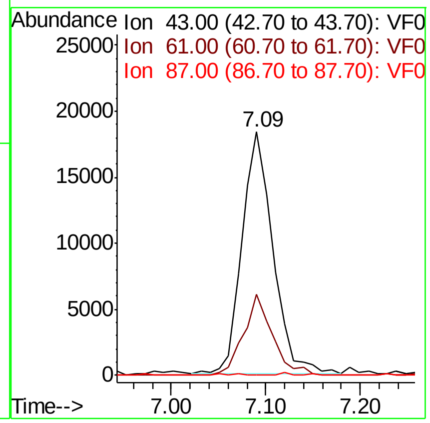
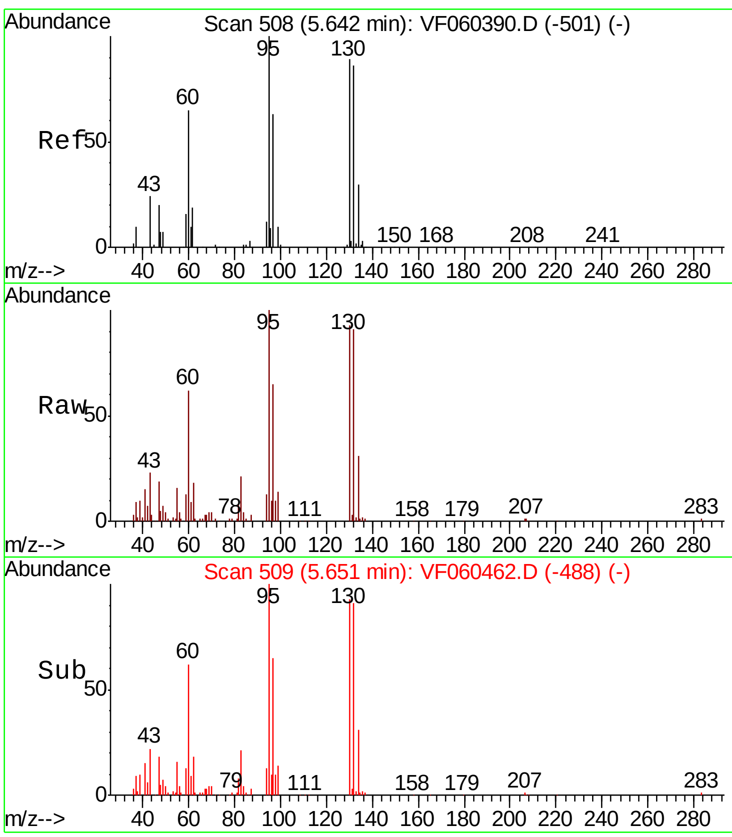
Tgt Ion: 43 Resp: 41818

Ion	Ratio	Lower	Upper
43	100		
61	33.4	25.4	38.2
87	0.0	0.3	0.5#

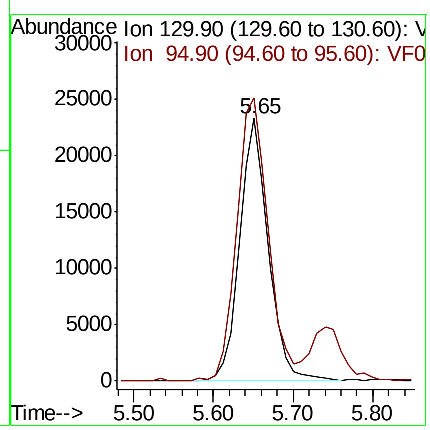


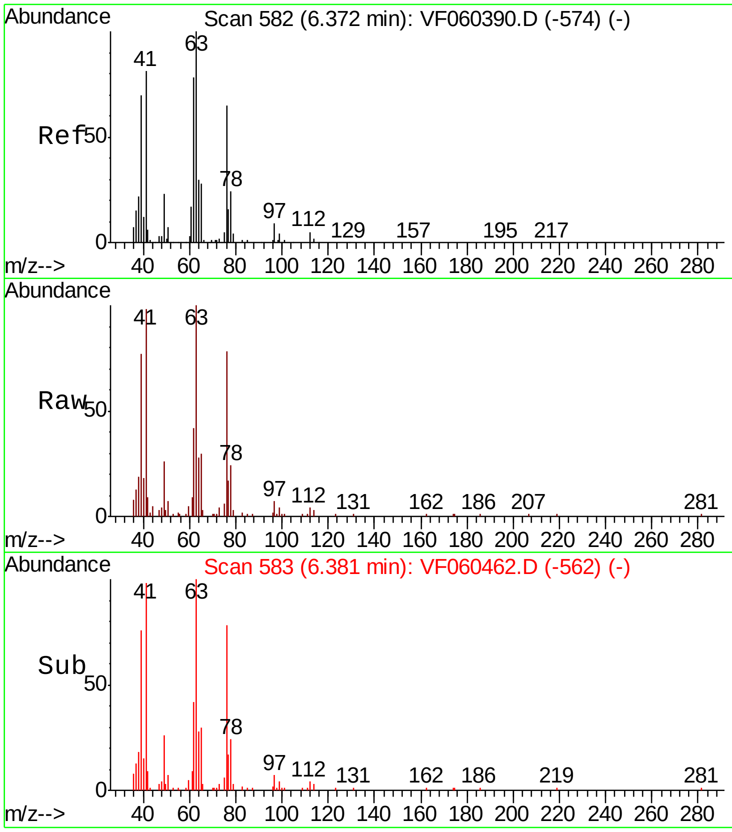


#44
Trichloroethene
Concen: 21.705 ug/l
RT: 5.65 min Scan# 509
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion:130 Resp: 58149

Ion	Ratio	Lower	Upper
130	100		
95	107.8	0.0	224.4





#45
1,2-Dichloropropane
Concen: 20.887 ug/l
RT: 6.38 min Scan# 583
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 63 Resp: 46443

Ion	Ratio	Lower	Upper
63	100		
65	29.6	22.7	34.1

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

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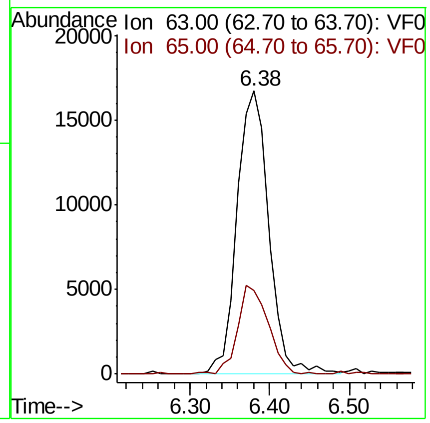
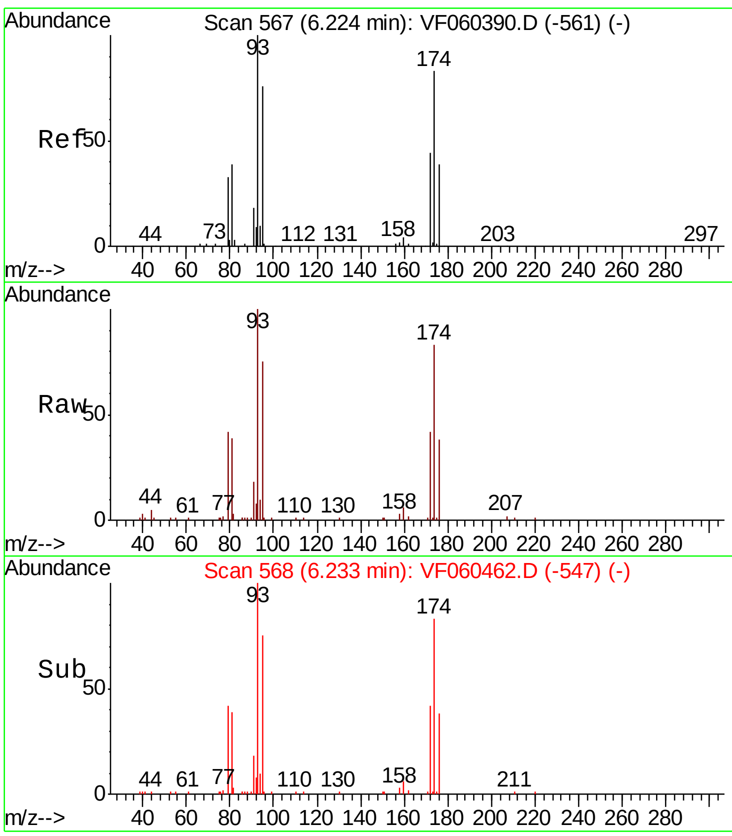
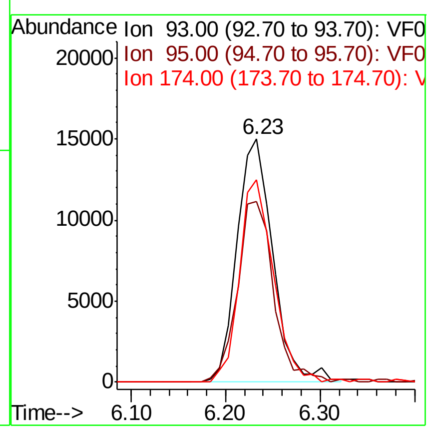


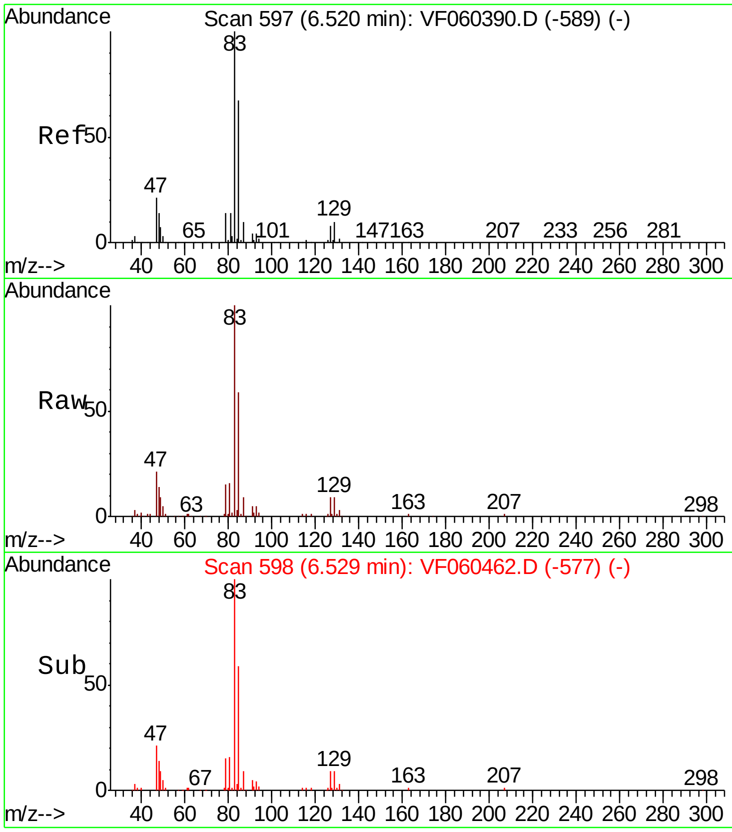


#46
Dibromomethane
Concen: 22.133 ug/l
RT: 6.23 min Scan# 568
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 93 Resp: 39568

Ion	Ratio	Lower	Upper
93	100		
95	74.5	61.1	91.7
174	83.2	66.7	100.1





#47
Bromodichloromethane
Concen: 22.068 ug/l
RT: 6.53 min Scan# 598
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

Tgt Ion: 83 Resp: 97708

Ion	Ratio	Lower	Upper
83	100		
85	59.2	53.2	79.8
127	9.3	6.6	9.8

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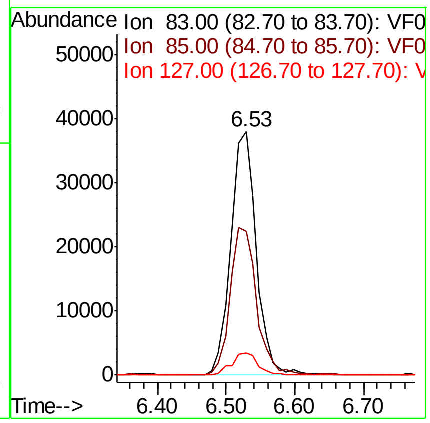
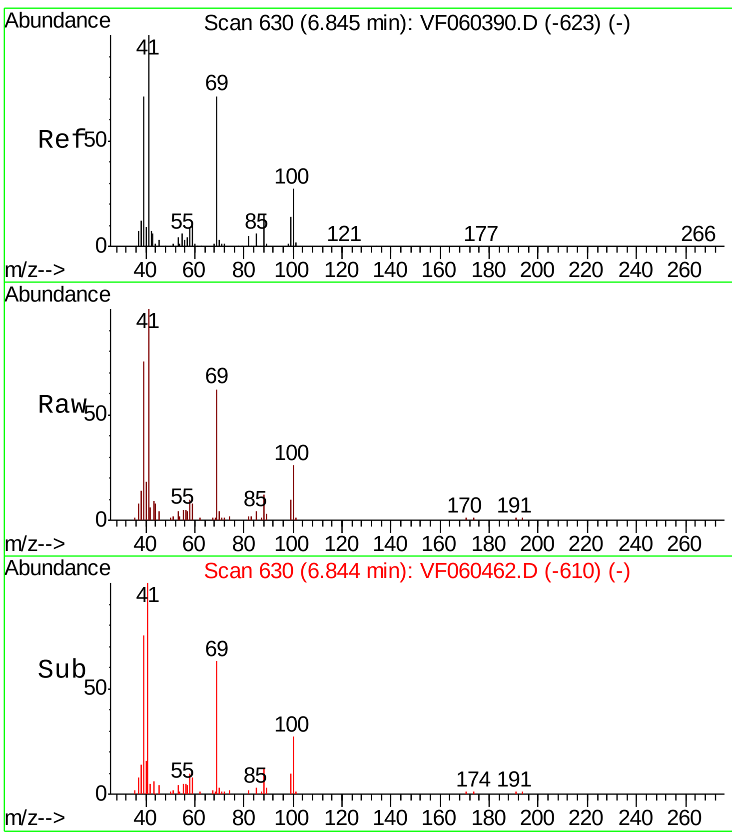
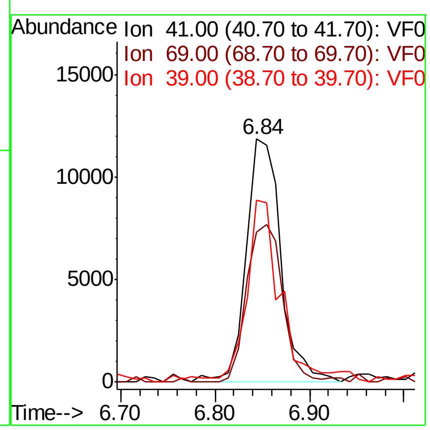


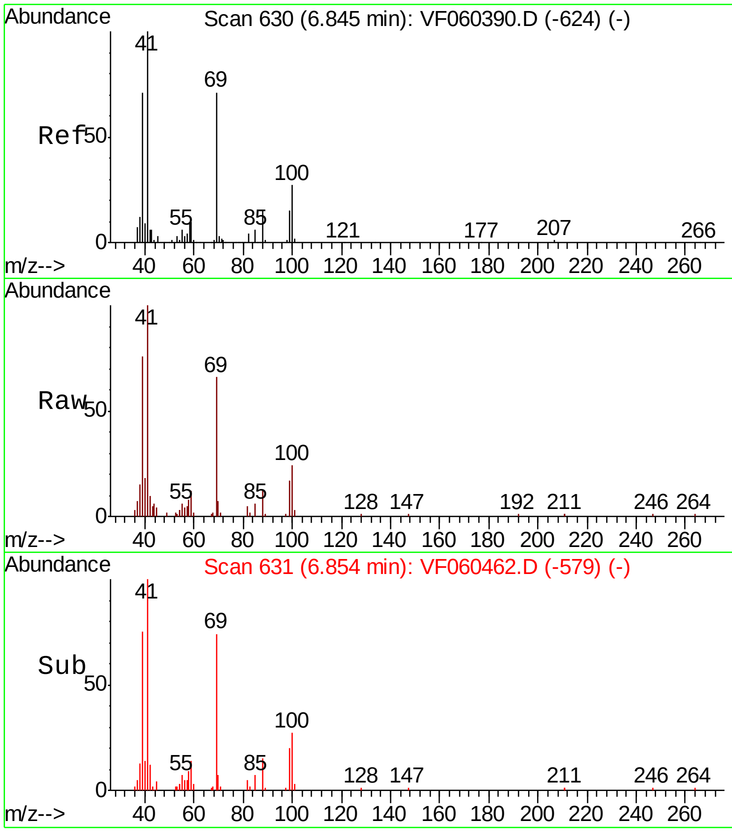


#48
Methyl methacrylate
Concen: 21.681 ug/l
RT: 6.84 min Scan# 630
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 41 Resp: 30292

Ion	Ratio	Lower	Upper
41	100		
69	61.8	56.3	84.5
39	74.6	56.9	85.3





#49
1,4-Dioxane
Concen: 400.527 ug/l
RT: 6.85 min Scan# 631
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

Tgt Ion: 88 Resp: 4825

Ion	Ratio	Lower	Upper
88	100		
43	36.6	38.3	57.5#
58	61.8	47.4	71.2

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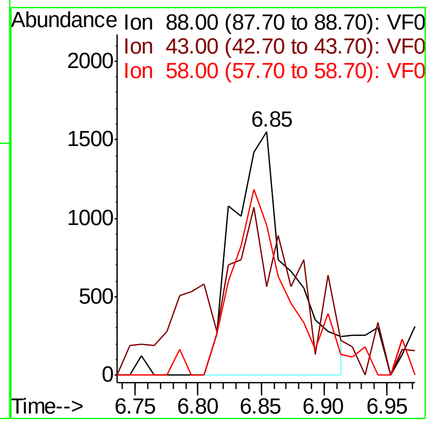
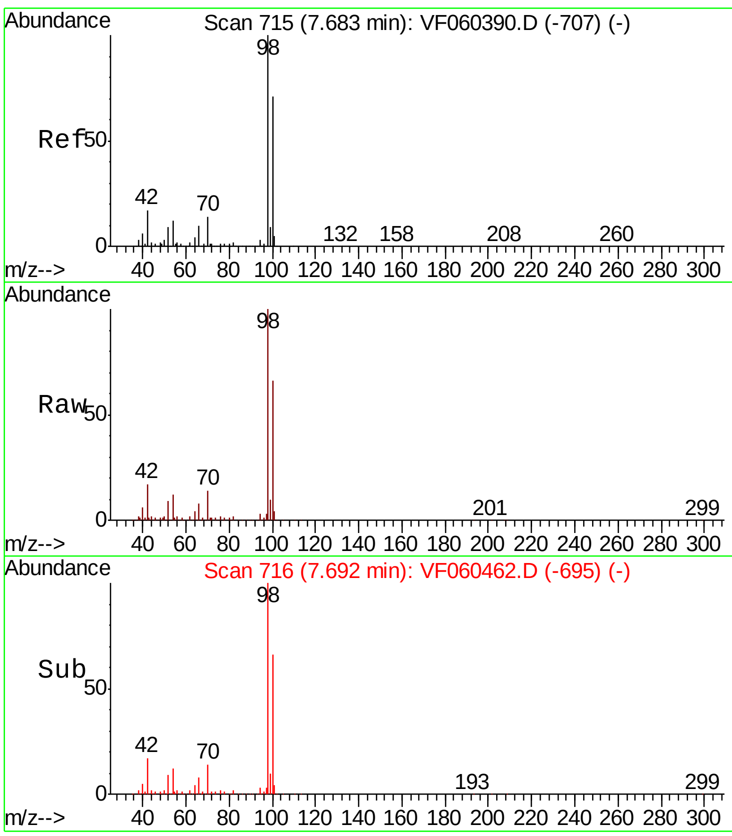
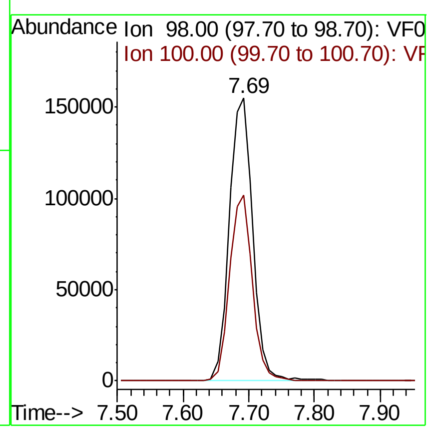


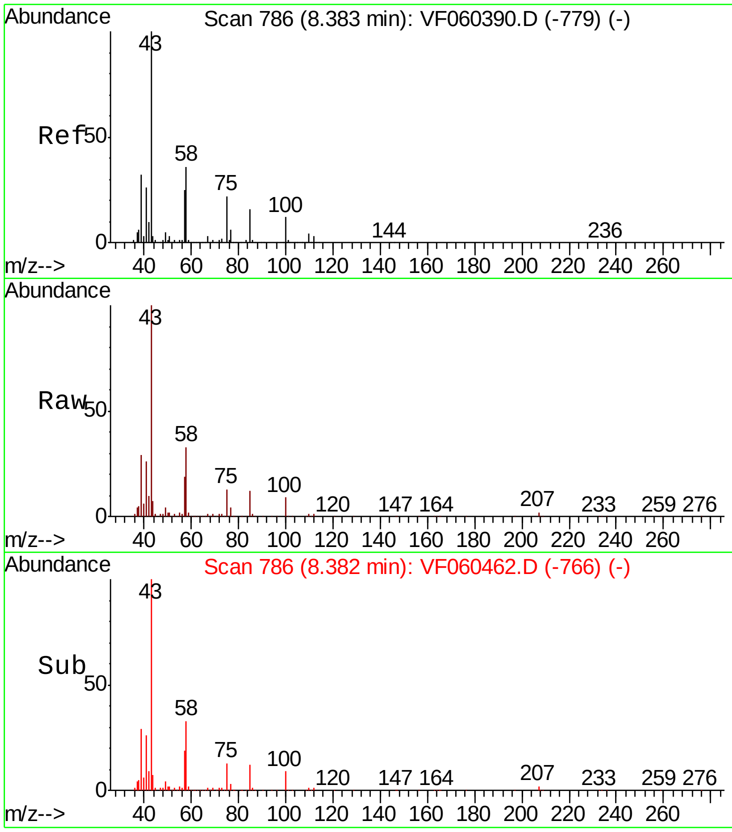


#50
Toluene-d8
Concen: 49.036 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 98 Resp: 387018

Ion	Ratio	Lower	Upper
98	100		
100	65.9	56.5	84.7





#51
4-Methyl-2-Pentanone
Concen: 114.170 ug/l
RT: 8.38 min Scan# 786
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

Tgt Ion: 43 Resp: 158183

Ion	Ratio	Lower	Upper
43	100		
58	32.9	28.5	42.7

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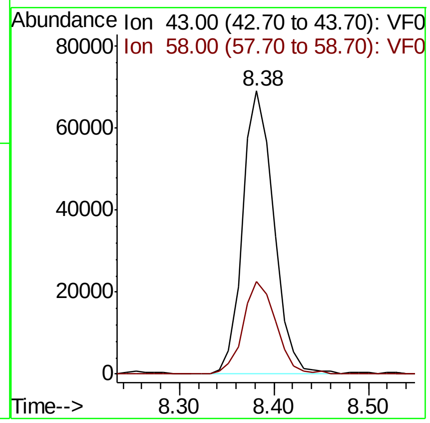
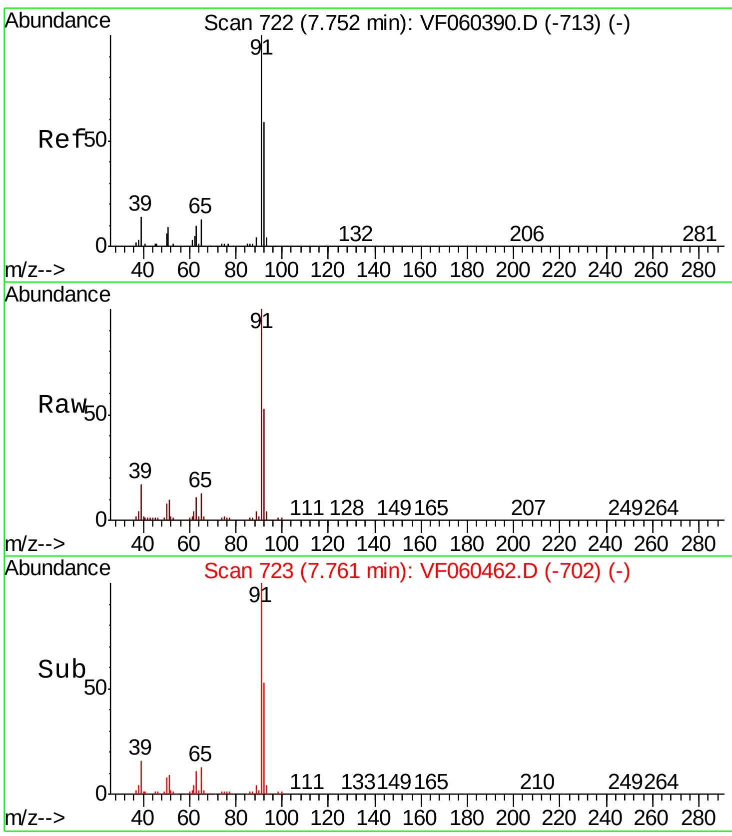
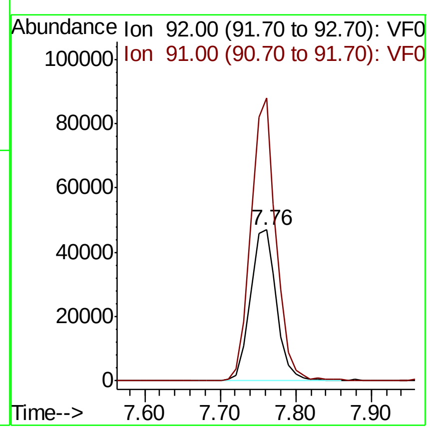


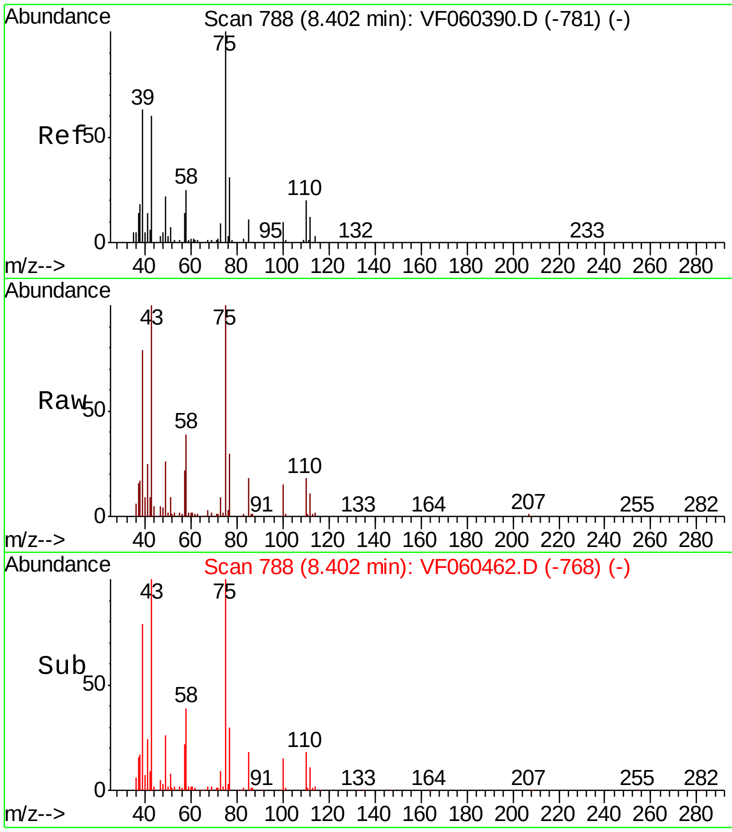


#52
Toluene
Concen: 19.961 ug/l
RT: 7.76 min Scan# 723
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 92 Resp: 113202

Ion	Ratio	Lower	Upper
92	100		
91	187.4	135.4	203.0





#53
t-1,3-Dichloropropene
Concen: 21.309 ug/l
RT: 8.40 min Scan# 788
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

Tgt Ion: 75 Resp: 73940

Ion	Ratio	Lower	Upper
75	100		
77	29.5	24.6	36.8

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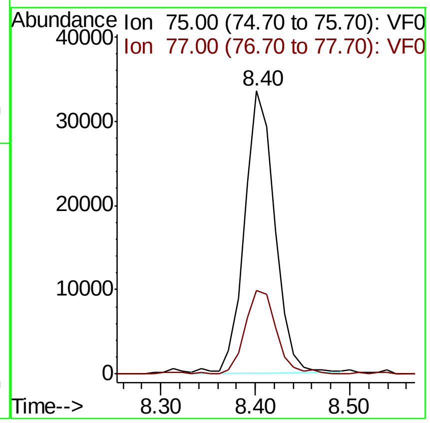
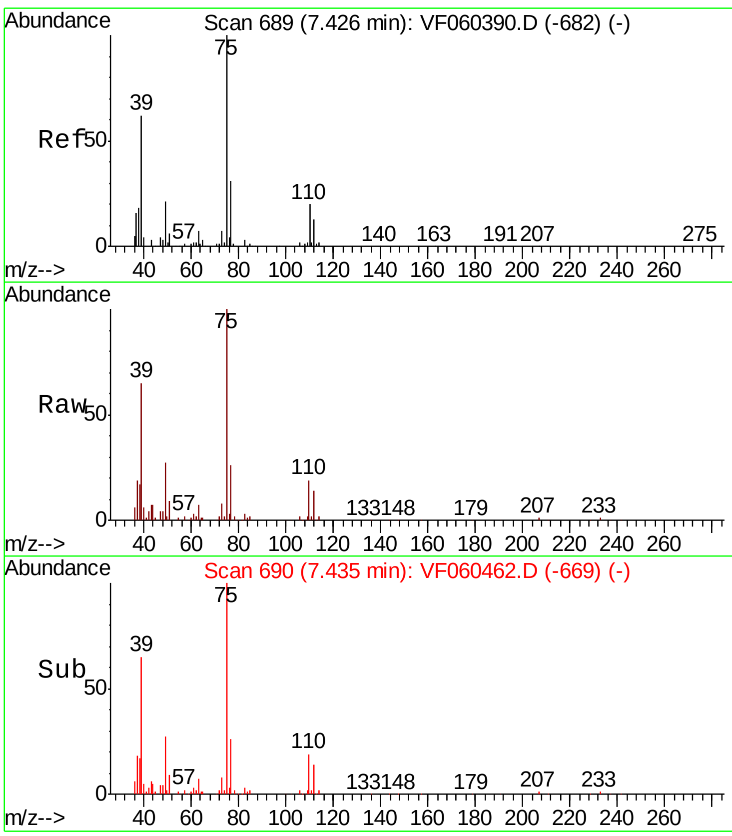
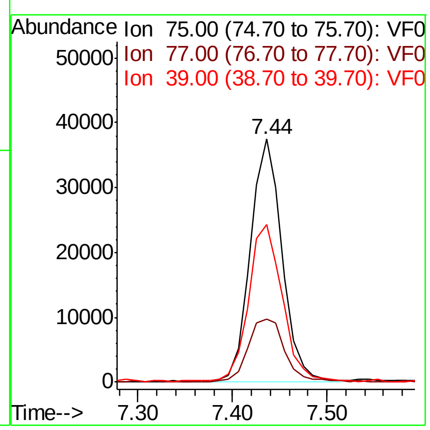


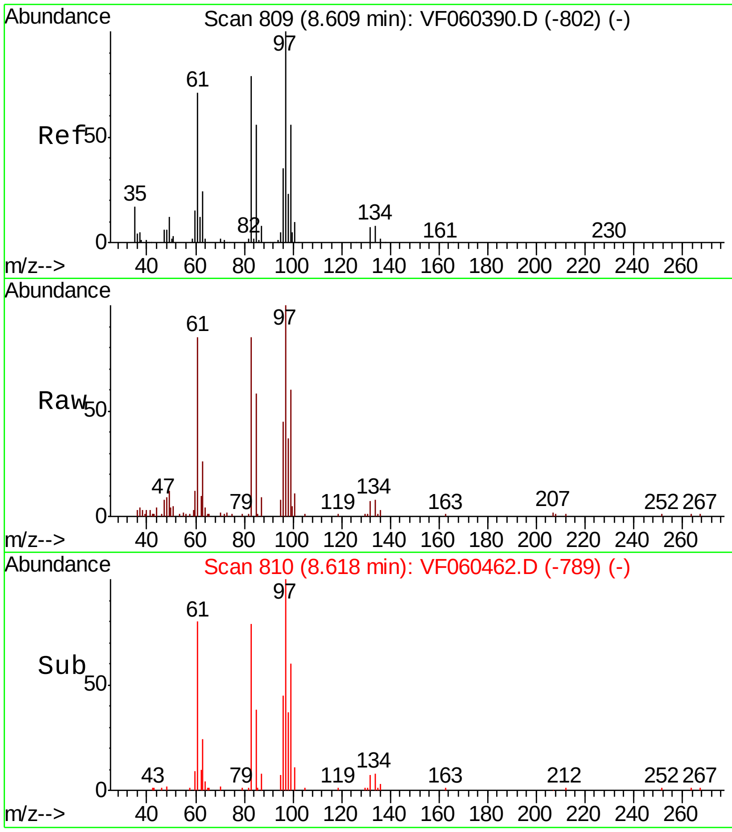


#54
cis-1,3-Dichloropropene
Concen: 21.316 ug/l
RT: 7.44 min Scan# 690
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 75 Resp: 86444

Ion	Ratio	Lower	Upper
75	100		
77	26.0	25.2	37.8
39	64.6	49.7	74.5

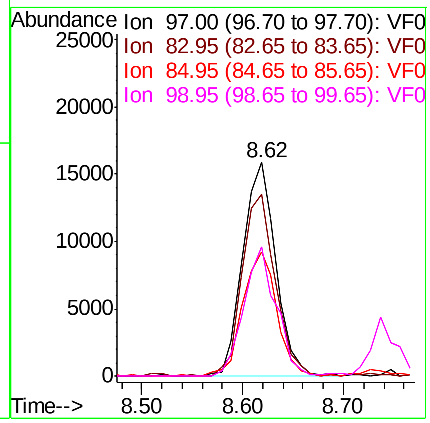




#55
1,1,2-Trichloroethane
Concen: 20.116 ug/l
RT: 8.62 min Scan# 810
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 97 Resp: 36160

Ion	Ratio	Lower	Upper
97	100		
83	85.0	63.4	95.0
85	58.3	44.5	66.7
99	60.4	45.1	67.7



Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

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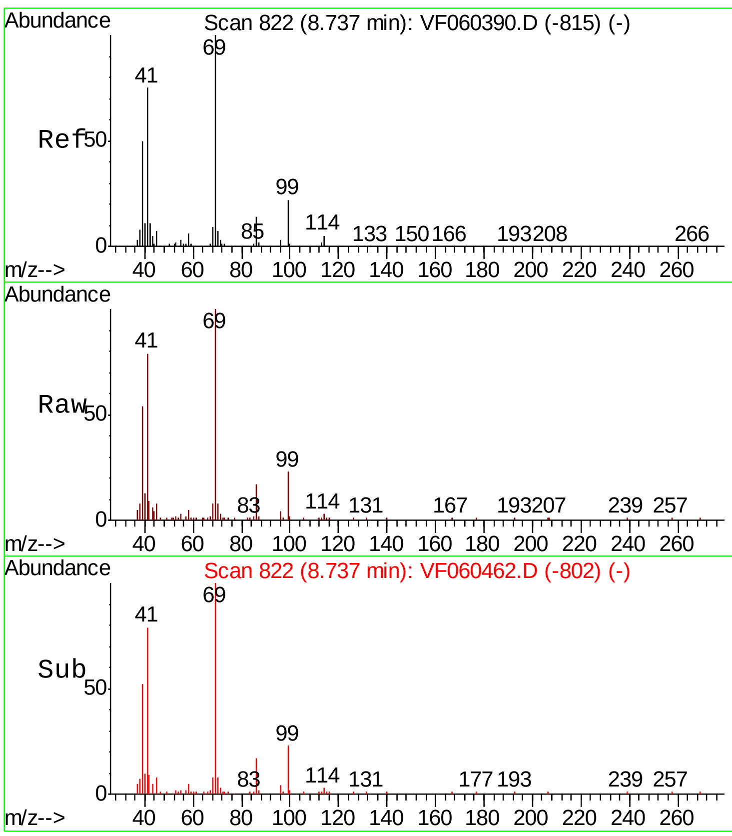
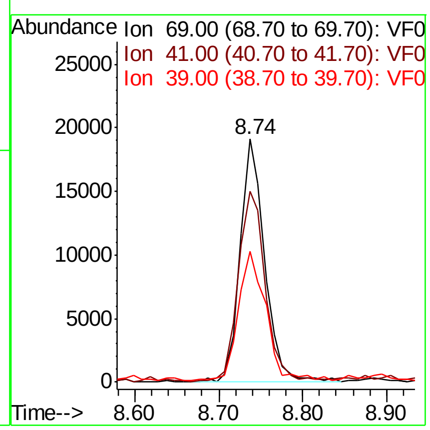
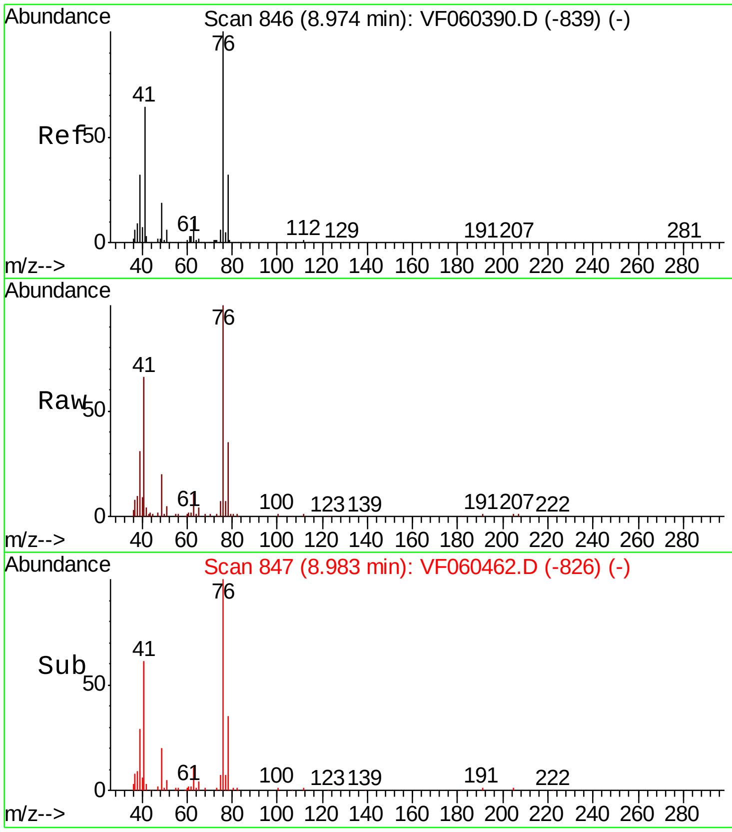


#56
Ethyl methacrylate
Concen: 19.092 ug/l
RT: 8.74 min Scan# 822
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 69 Resp: 38998

Ion	Ratio	Lower	Upper
69	100		
41	78.6	60.2	90.4
39	53.9	40.2	60.2





#57
1,3-Dichloropropane
Concen: 20.990 ug/l
RT: 8.98 min Scan# 847
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 76 Resp: 63830

Ion	Ratio	Lower	Upper
76	100		
78	35.2	25.3	37.9

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

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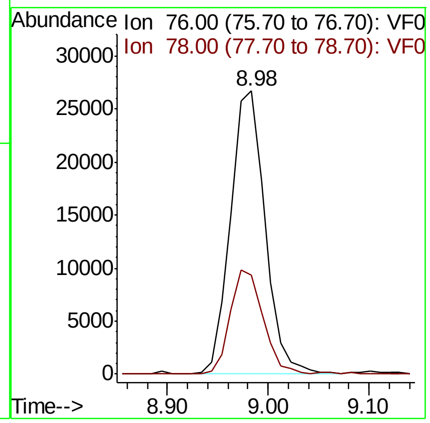
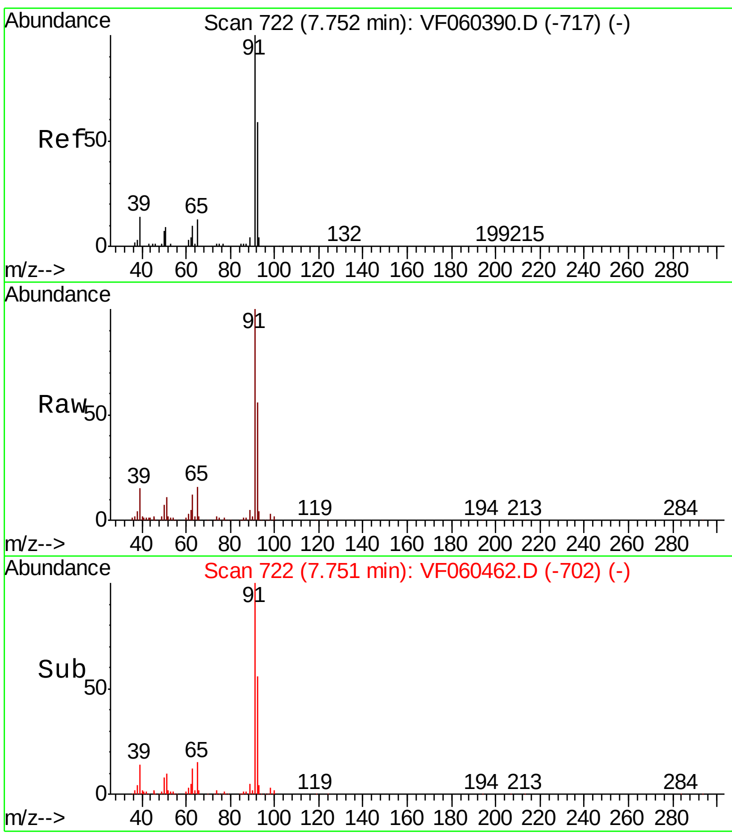
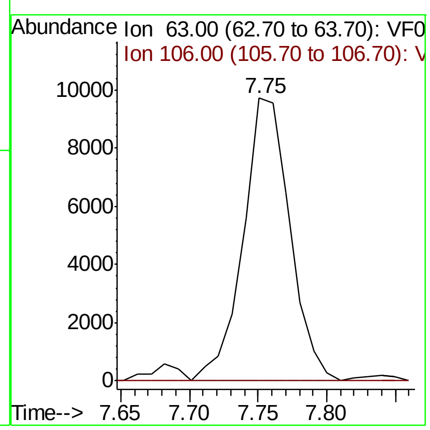


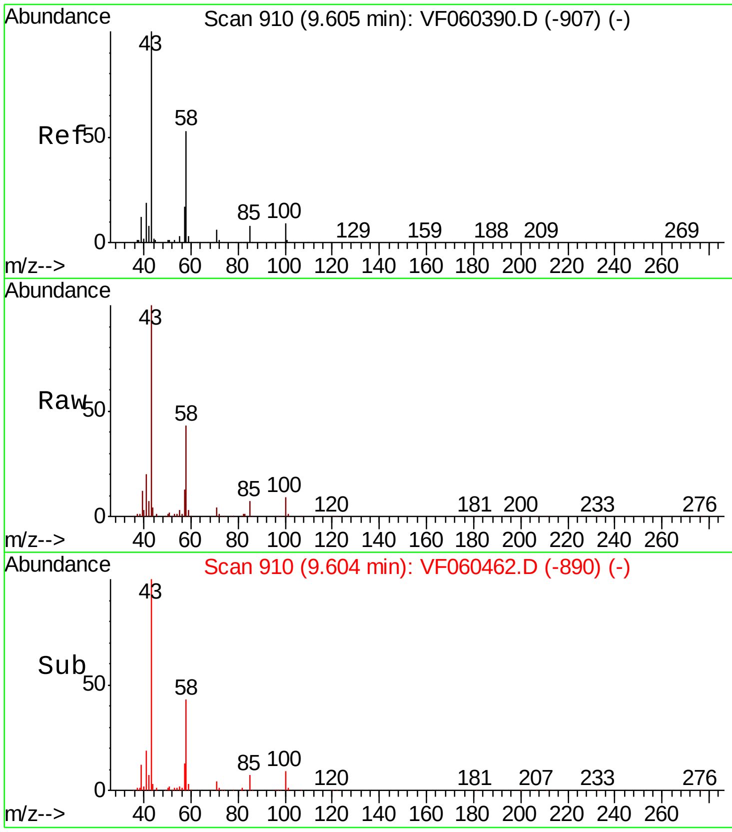


#58
2-Chloroethyl Vinyl ether
Concen: 110.407 ug/l
RT: 7.75 min Scan# 722
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 63 Resp: 23036

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0





#59
2-Hexanone
Concen: 118.328 ug/l
RT: 9.60 min Scan# 910
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 43 Resp: 120251

Ion	Ratio	Lower	Upper
43	100		
58	42.9	25.6	76.6

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

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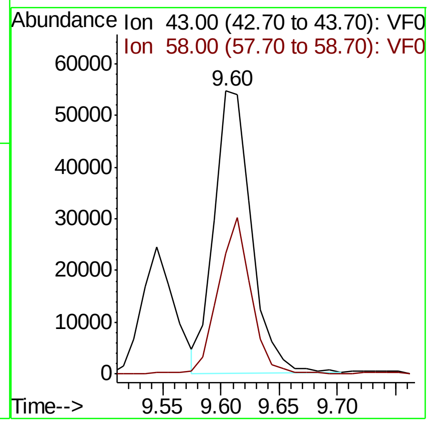
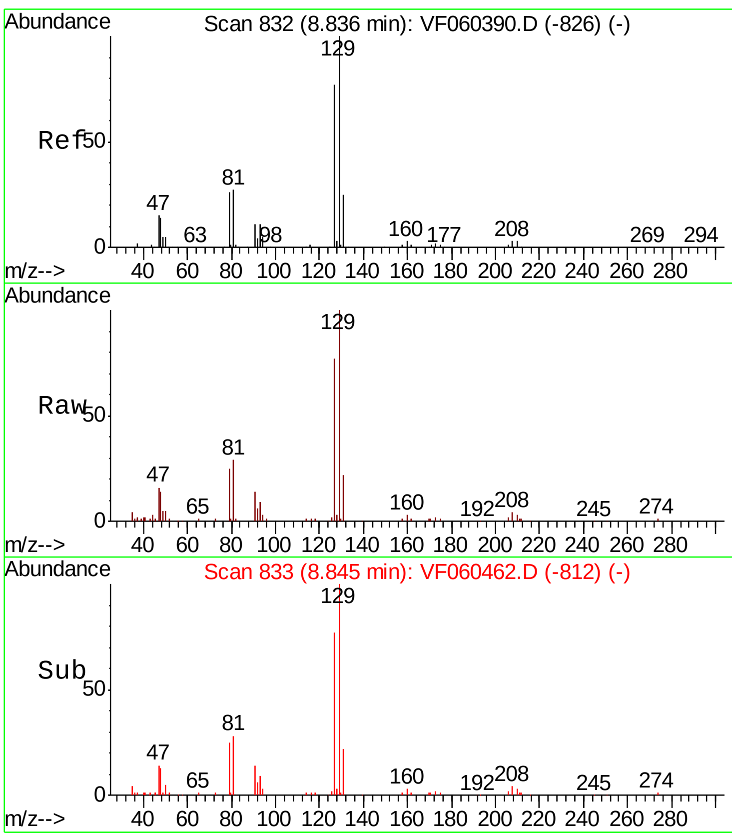
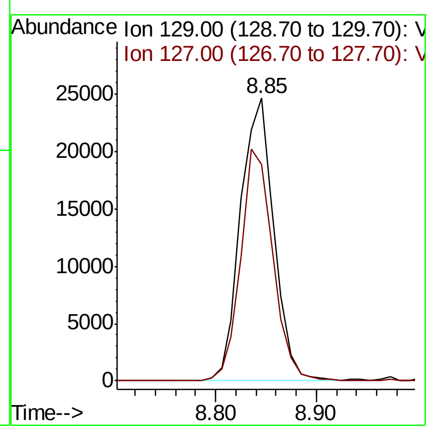


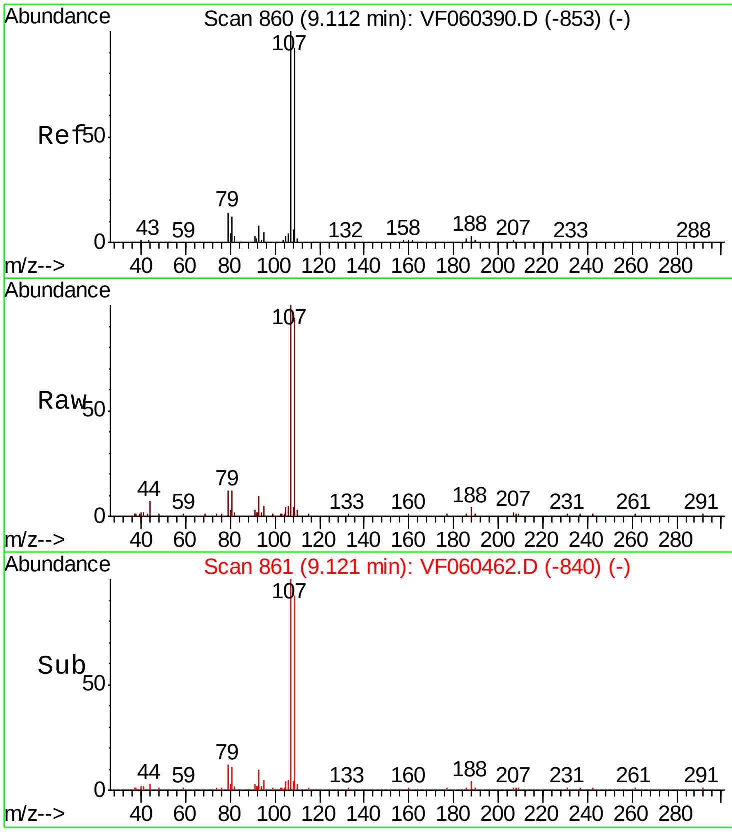


#60
Dibromochloromethane
Concen: 21.101 ug/l
RT: 8.85 min Scan# 833
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion:129 Resp: 57110

Ion	Ratio	Lower	Upper
129	100		
127	75.7	38.3	114.8





#61
1,2-Dibromoethane
Concen: 21.971 ug/l
RT: 9.12 min   Scan# 861
Delta R.T.   0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

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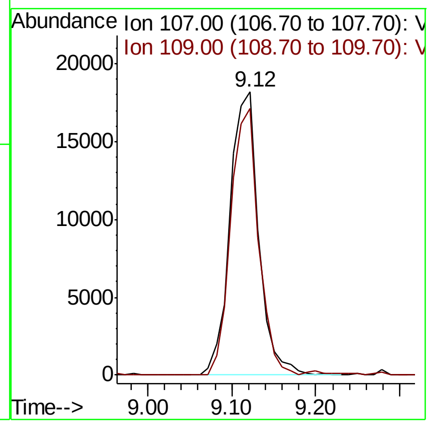
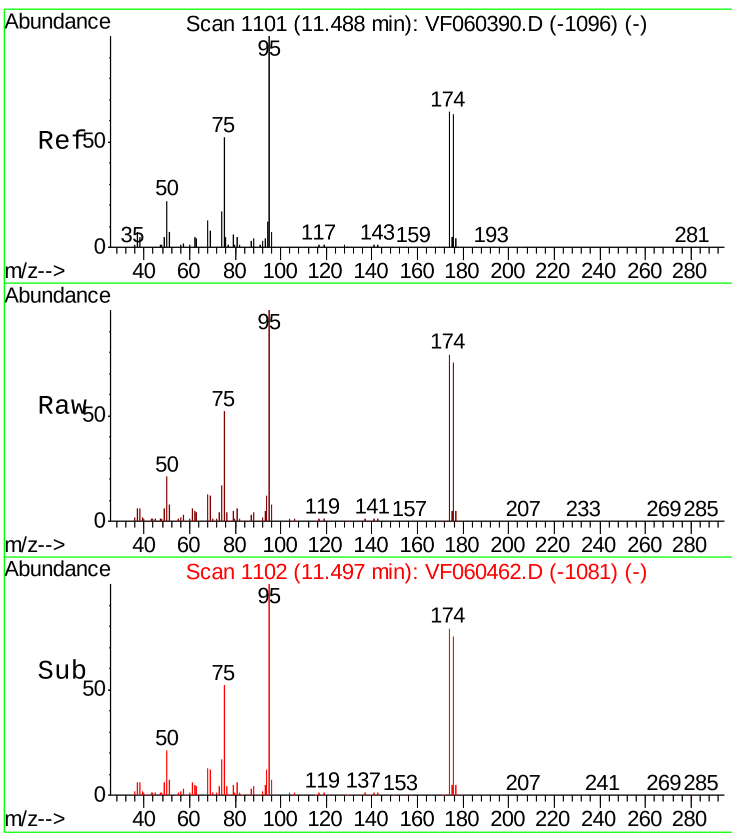
Tgt Ion:107 Resp: 43215

Ion	Ratio	Lower	Upper
107	100		
109	94.0	73.7	110.5

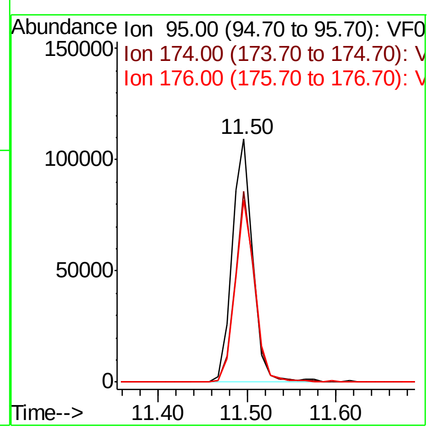


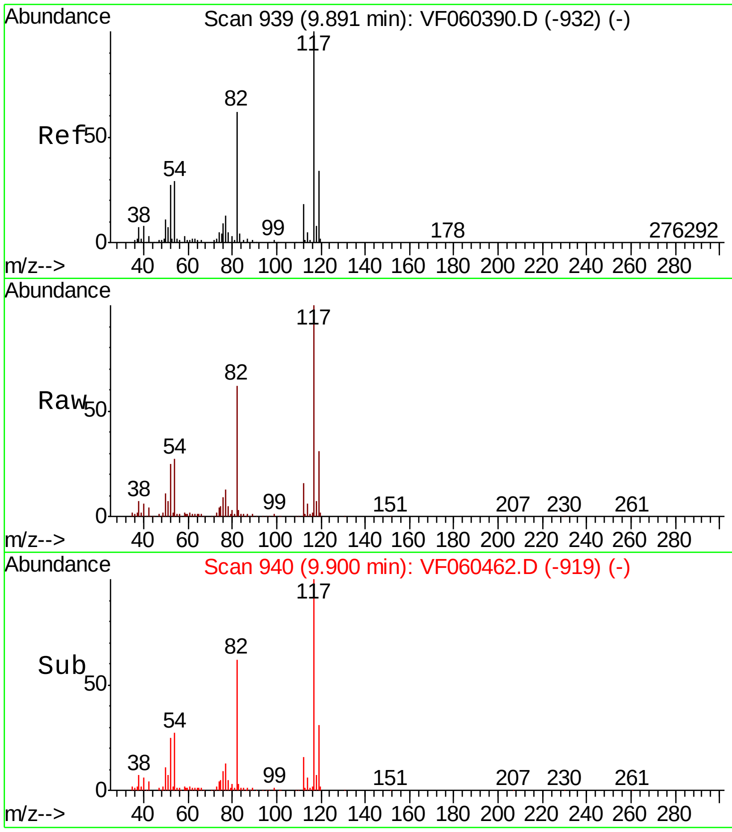


#62
4-Bromofluorobenzene
Concen: 49.876 ug/l
RT: 11.50 min   Scan# 1102
Delta R.T.   0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 95 Resp: 179737

Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	129.0
176	74.6	0.0	125.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion:117 Resp: 298204

Ion	Ratio	Lower	Upper
117	100		
82	62.2	49.5	74.3
119	31.1	27.0	40.6

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

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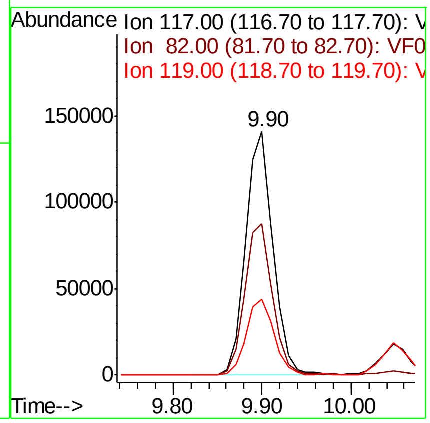
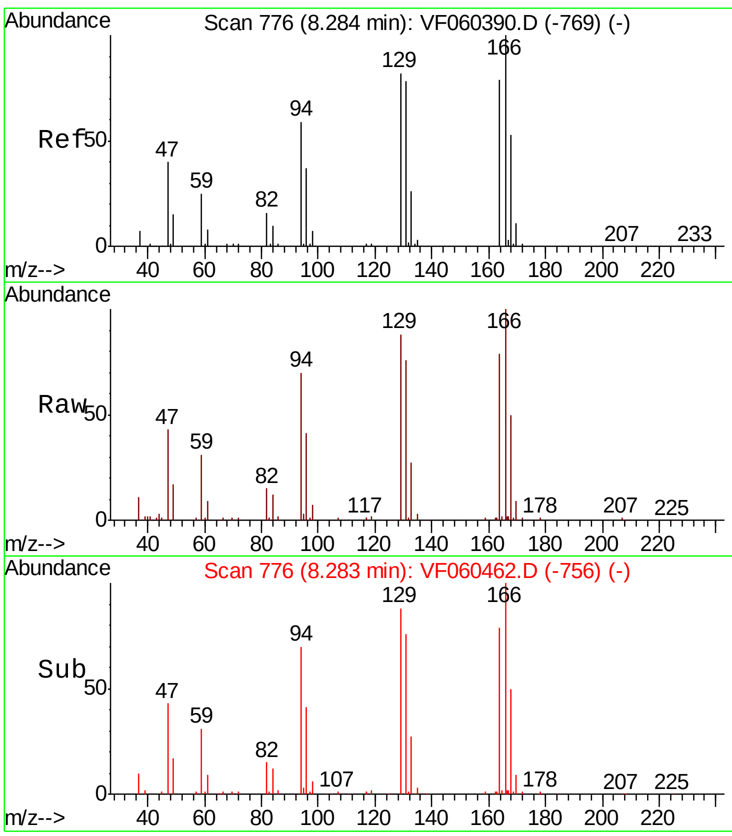
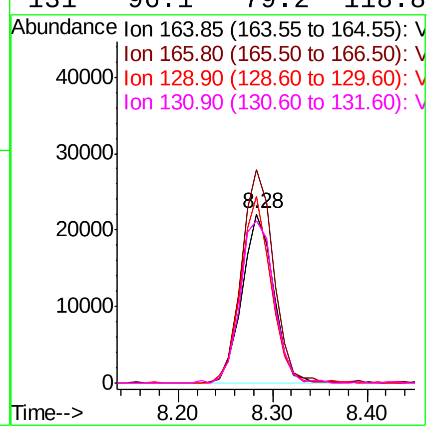


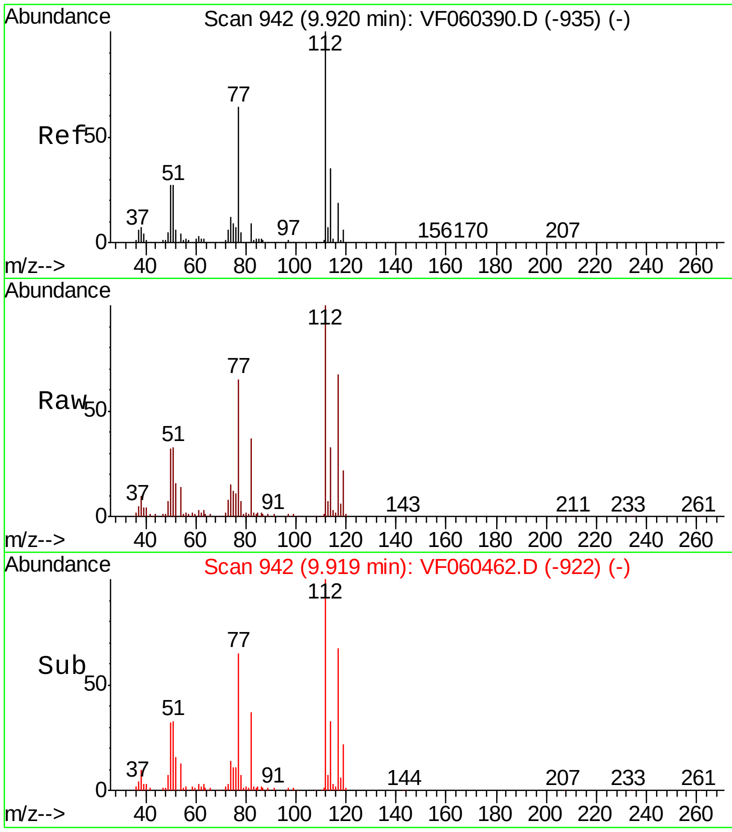


#64
Tetrachloroethene
Concen: 21.504 ug/l
RT: 8.28 min Scan# 776
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion:164 Resp: 50975

Ion	Ratio	Lower	Upper
164	100		
166	126.1	101.0	151.6
129	110.4	82.5	123.7
131	96.1	79.2	118.8





#65
Chlorobenzene
Concen: 22.404 ug/l
RT: 9.92 min Scan# 942
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion:112 Resp: 137239

Ion	Ratio	Lower	Upper
112	100		
114	33.0	27.7	41.5

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

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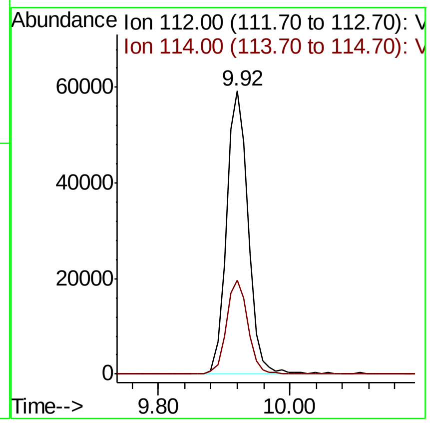
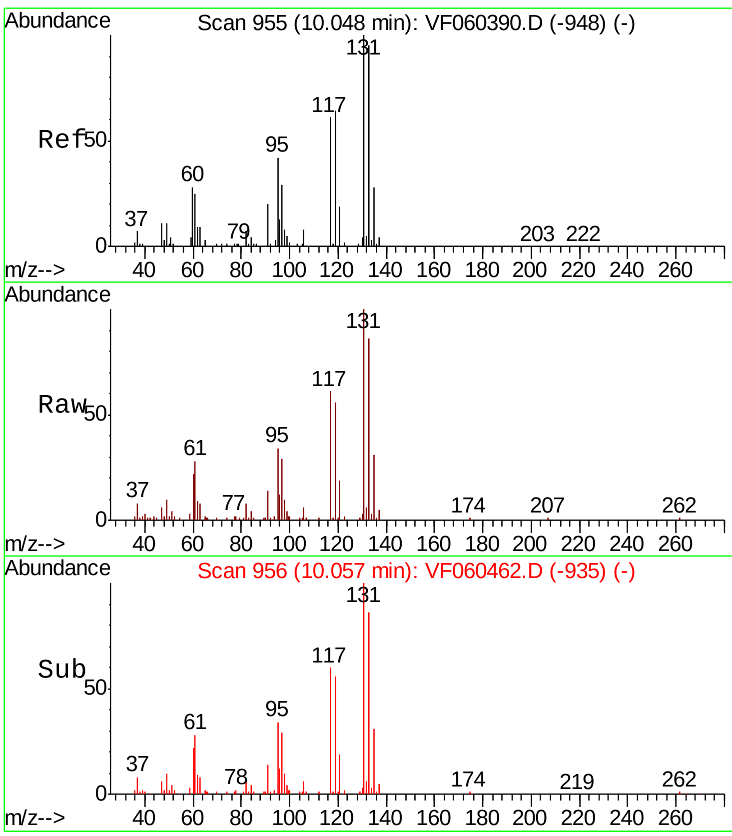
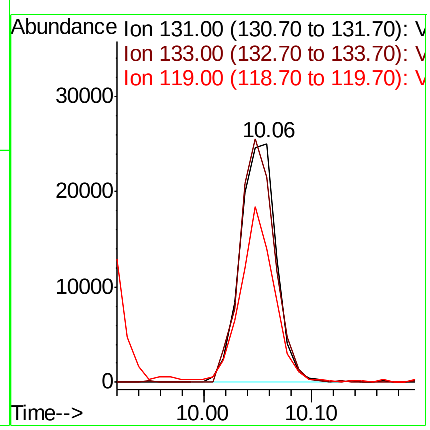


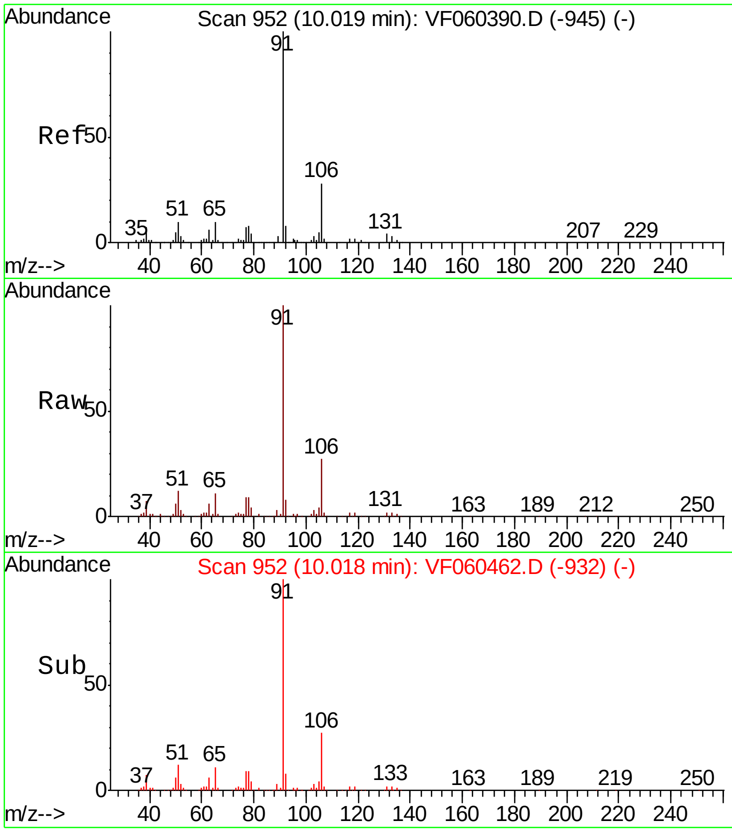


#66
1,1,1,2-Tetrachloroethane
Concen: 22.156 ug/l
RT: 10.06 min Scan# 956
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion:131 Resp: 59261

Ion	Ratio	Lower	Upper
131	100		
133	86.2	47.3	141.8
119	55.9	32.3	96.9






```
#67
Ethyl Benzene
Concen:    22.535 ug/l
RT: 10.02 min   Scan# 952
Delta R.T.    -0.00 min
Lab File:   VF060462.D
Acq:  5 Oct 2018   18:13

Tgt Ion: 91 Resp:   262468
Ion  Ratio  Lower  Upper
 91  100
106   26.8   22.5   33.7
```

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

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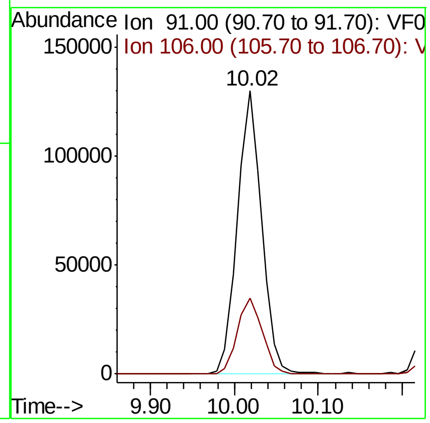
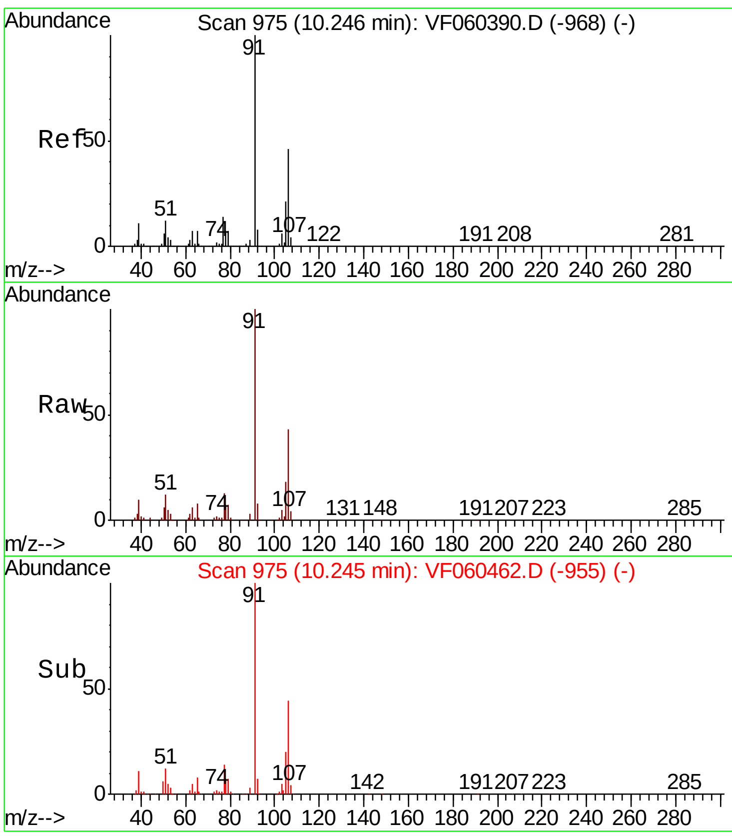
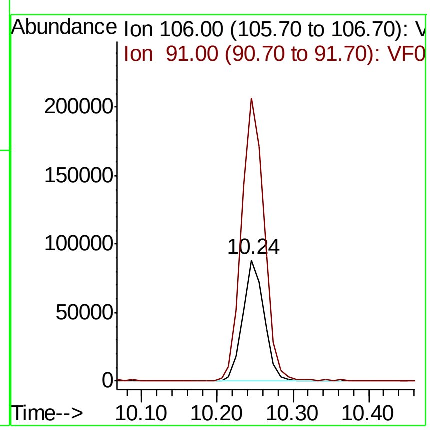
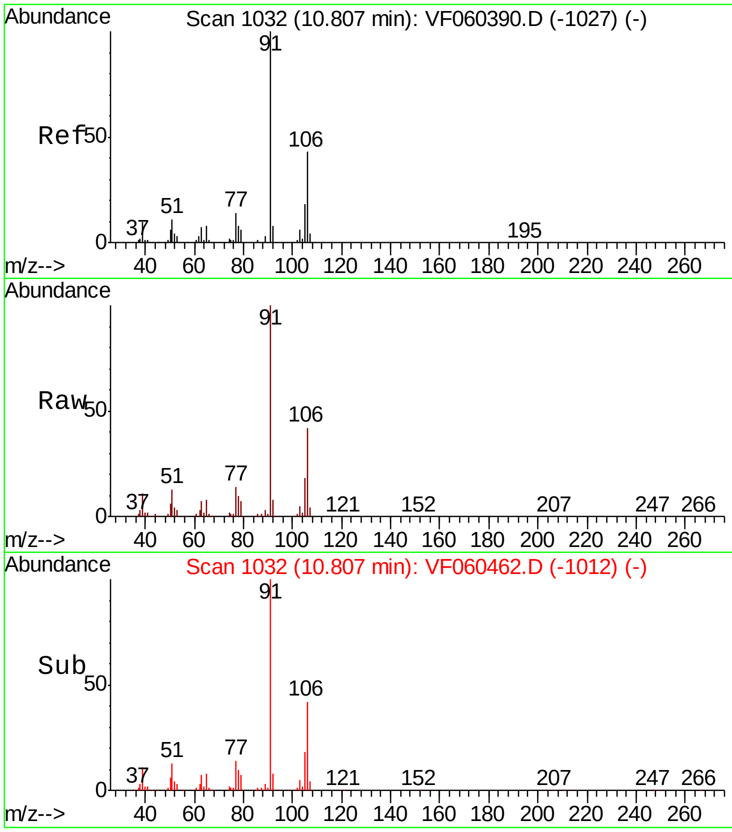





```
#68
m/p-Xylenes
Concen:    43.431 ug/l
RT: 10.24 min   Scan# 975
Delta R.T.    -0.00 min
Lab File:   VF060462.D
Acq:  5 Oct 2018   18:13

Tgt Ion:106 Resp:   173895
Ion  Ratio  Lower  Upper
106  100
 91  233.2  175.0  262.6
```






```
#69
o-Xylene
Concen:   22.128 ug/l
RT: 10.81 min  Scan# 1032
Delta R.T.   -0.00 min
Lab File:   VF060462.D
Acq:  5 Oct 2018   18:13

Tgt Ion:106 Resp:   96576
Ion  Ratio  Lower  Upper
106  100
 91  237.4  115.1  345.2
```

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

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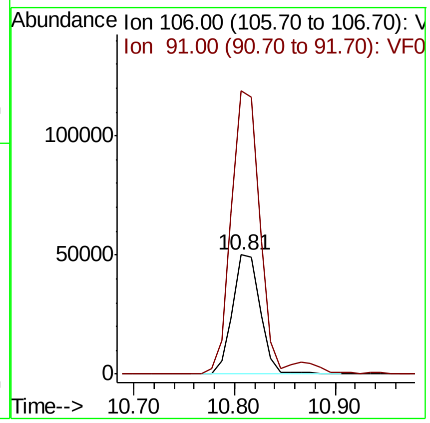
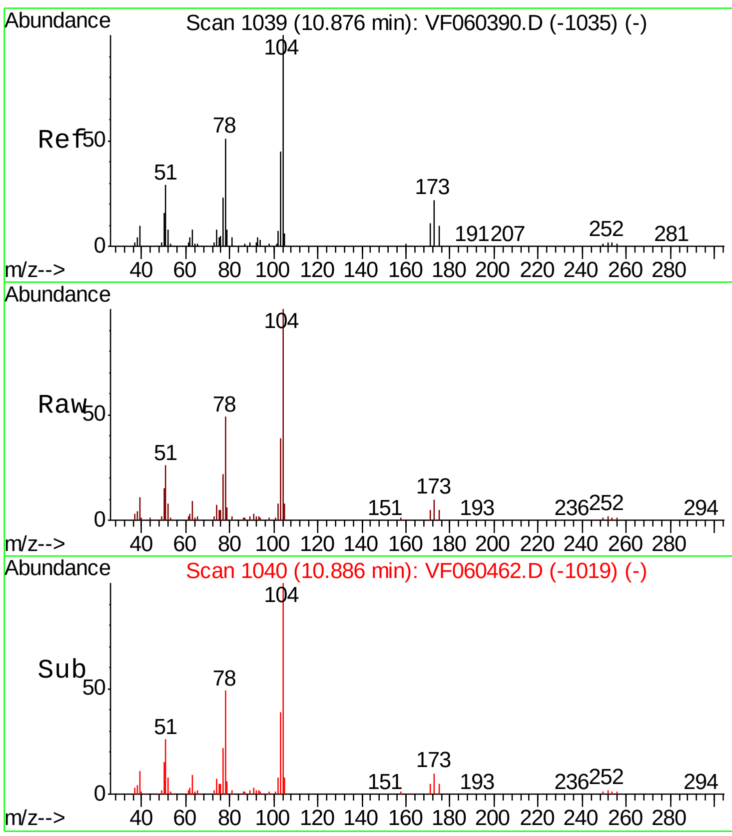
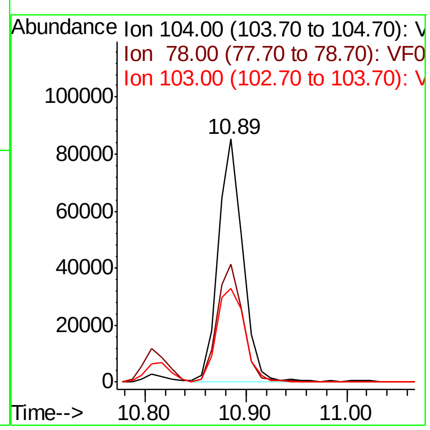
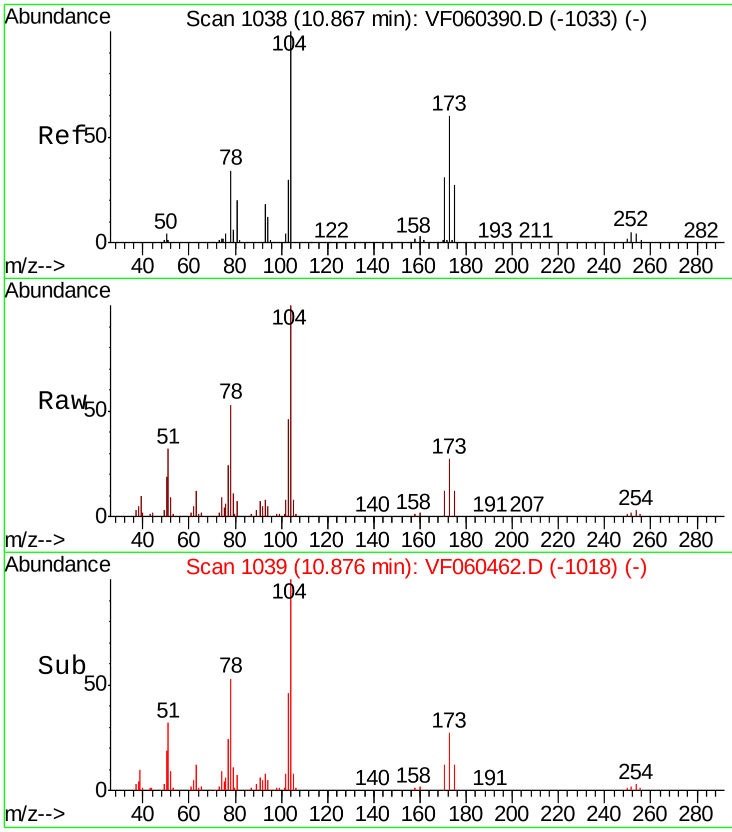





```
#70
Styrene
Concen:   23.479 ug/l
RT: 10.89 min  Scan# 1040
Delta R.T.   0.01 min
Lab File:   VF060462.D
Acq:  5 Oct 2018   18:13

Tgt Ion:104 Resp:  145756
Ion  Ratio  Lower  Upper
104  100
 78   48.7   41.0   61.4
103   38.6   36.4   54.6
```





#71
Bromoform
Concen: 21.678 ug/l
RT: 10.88 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

Tgt Ion:173 Resp: 30870

Ion	Ratio	Lower	Upper
173	100		
175	47.3	22.1	66.1
254	9.5	0.0	0.0#

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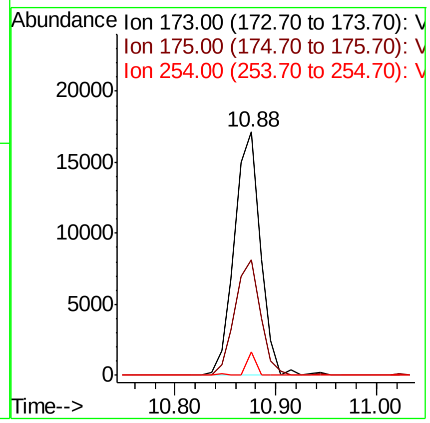
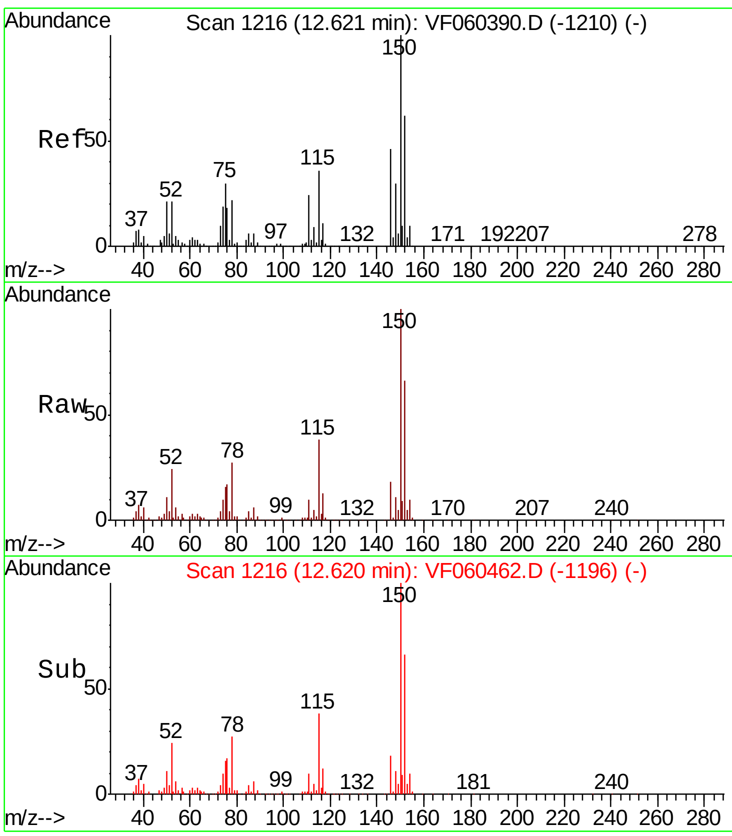
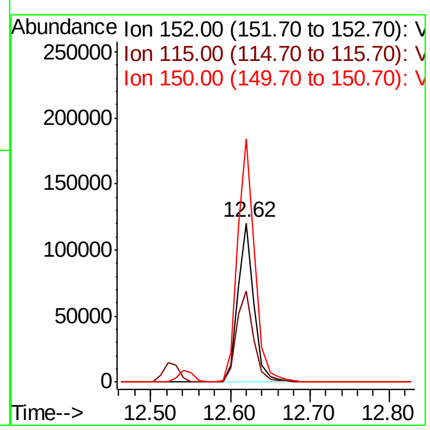


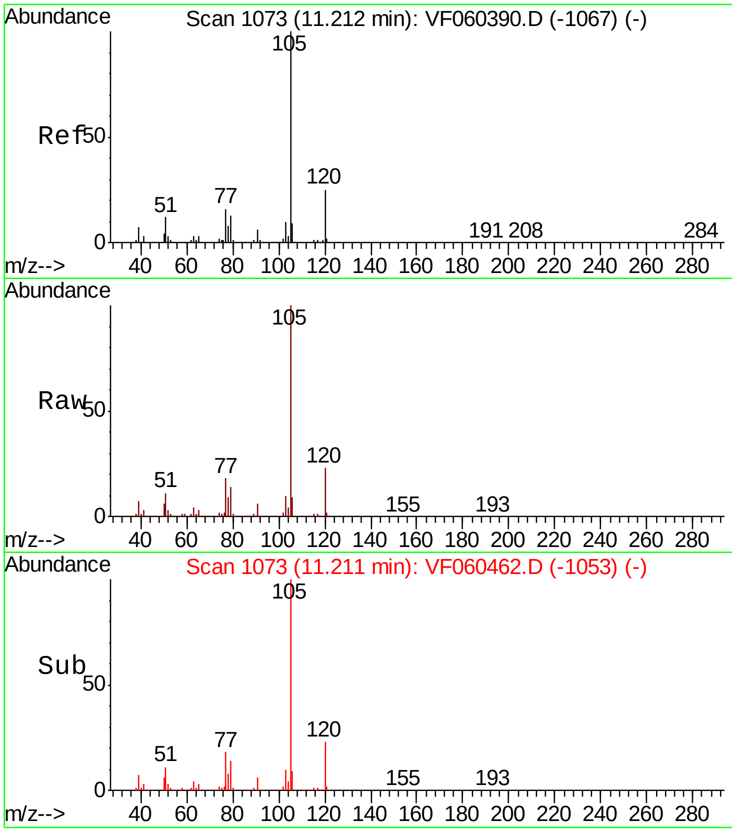


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion:152 Resp: 171501

Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.6	85.8
150	152.7	0.0	324.6





#73
Isopropylbenzene
Concen: 22.191 ug/l
RT: 11.21 min   Scan# 1073
Delta R.T.   -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

Tgt Ion:105 Resp: 299661

Ion	Ratio	Lower	Upper
105	100		
120	23.0	12.3	36.9

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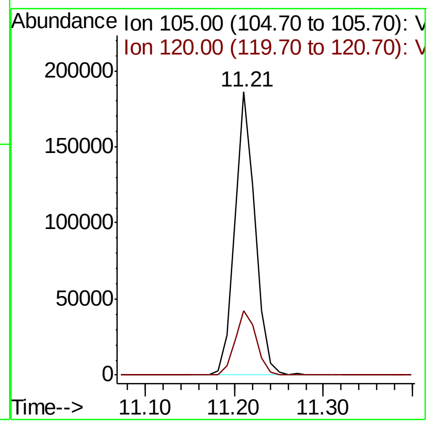
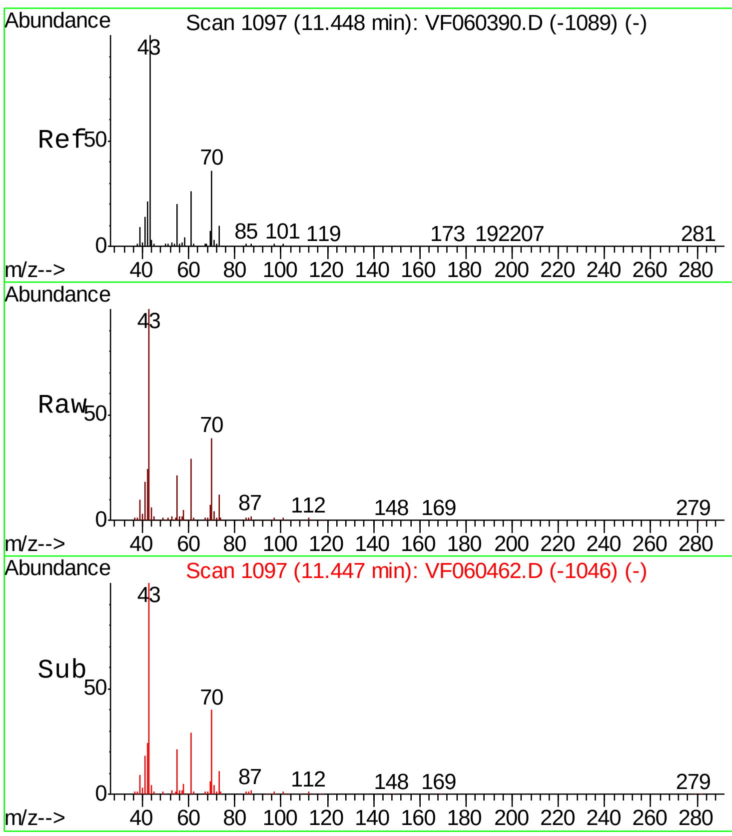
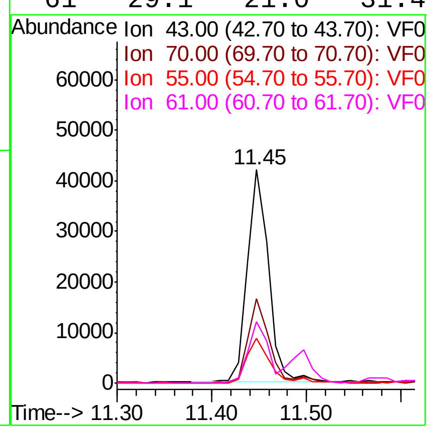


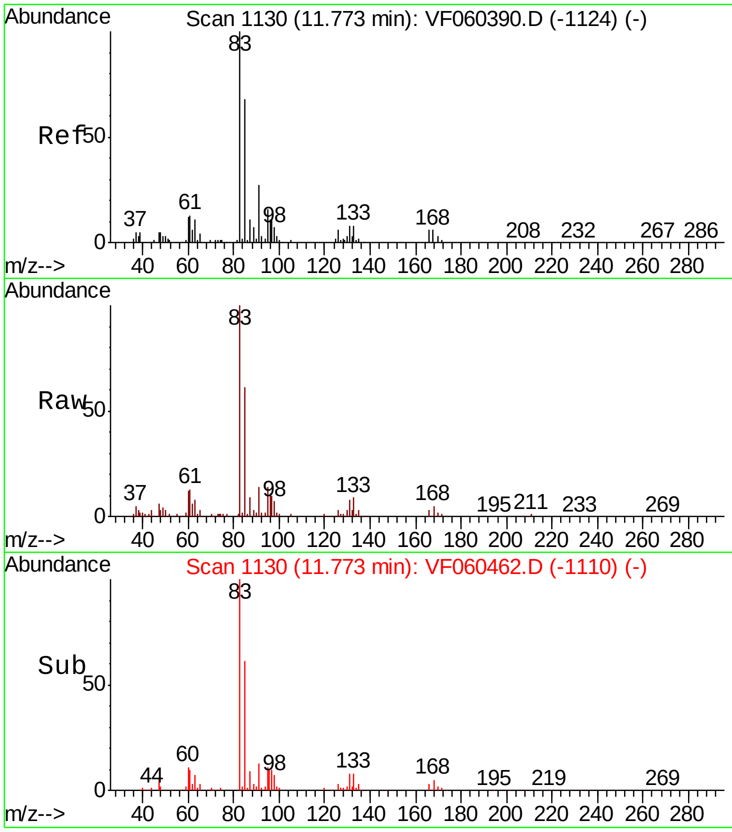


#74
N-amyl acetate
Concen: 21.229 ug/l
RT: 11.45 min   Scan# 1097
Delta R.T.   -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion: 43 Resp: 65793

Ion	Ratio	Lower	Upper
43	100		
70	39.5	29.1	43.7
55	21.1	16.3	24.5
61	29.1	21.0	31.4





#75
1,1,2,2-Tetrachloroethane
Concen: 22.145 ug/l
RT: 11.77 min Scan# 1130
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

Tgt Ion: 83 Resp: 54519

Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.0	12.0
85	61.1	34.0	102.0

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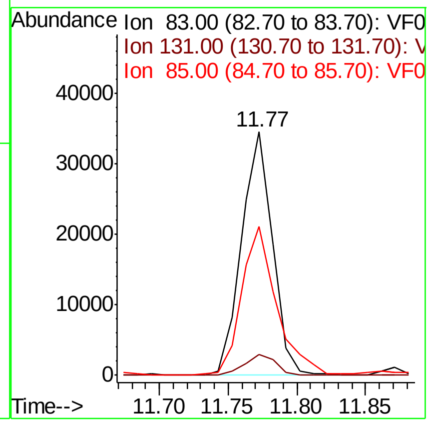
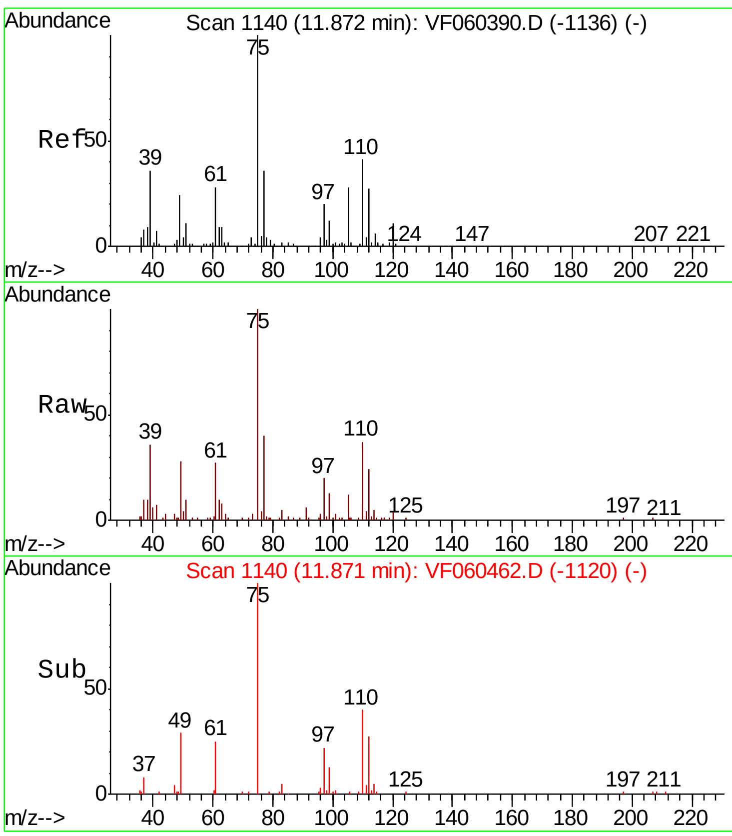
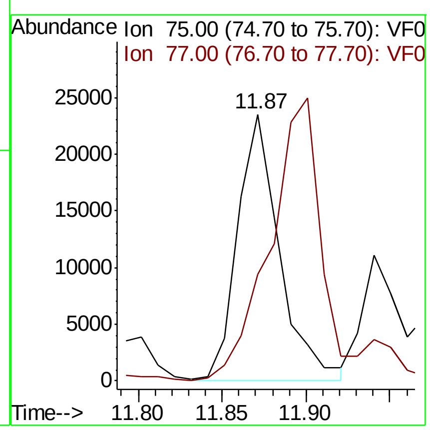


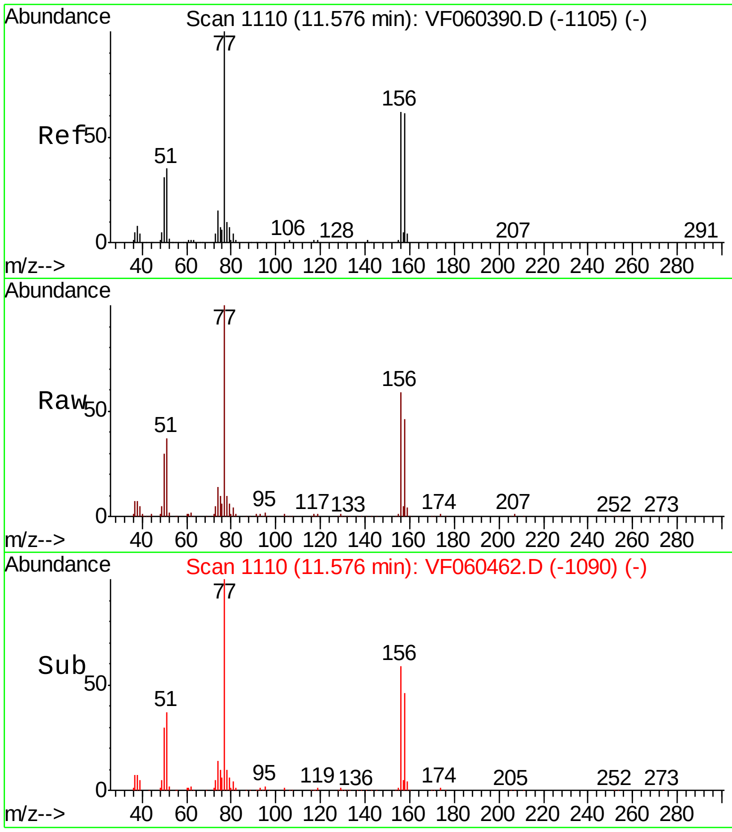


#76
1,2,3-Trichloropropane
Concen: 22.280 ug/l
RT: 11.87 min Scan# 1140
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 75 Resp: 40381

Ion	Ratio	Lower	Upper
75	100		
77	39.9	18.1	54.4





#77
Bromobenzene
Concen: 21.410 ug/l
RT: 11.58 min   Scan# 1110
Delta R.T.   -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion:156 Resp: 64627

Ion	Ratio	Lower	Upper
156	100		
77	169.9	81.3	243.9
158	78.7	49.6	149.0

Instrument :
MSVOA_F
ClientSampleId :
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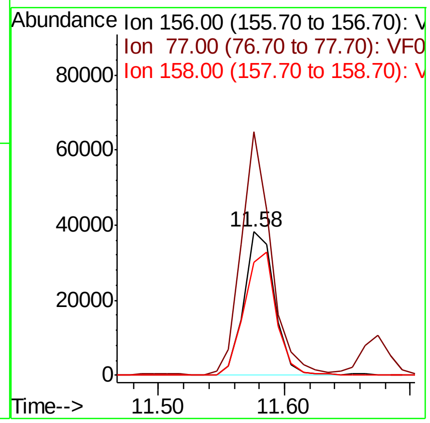
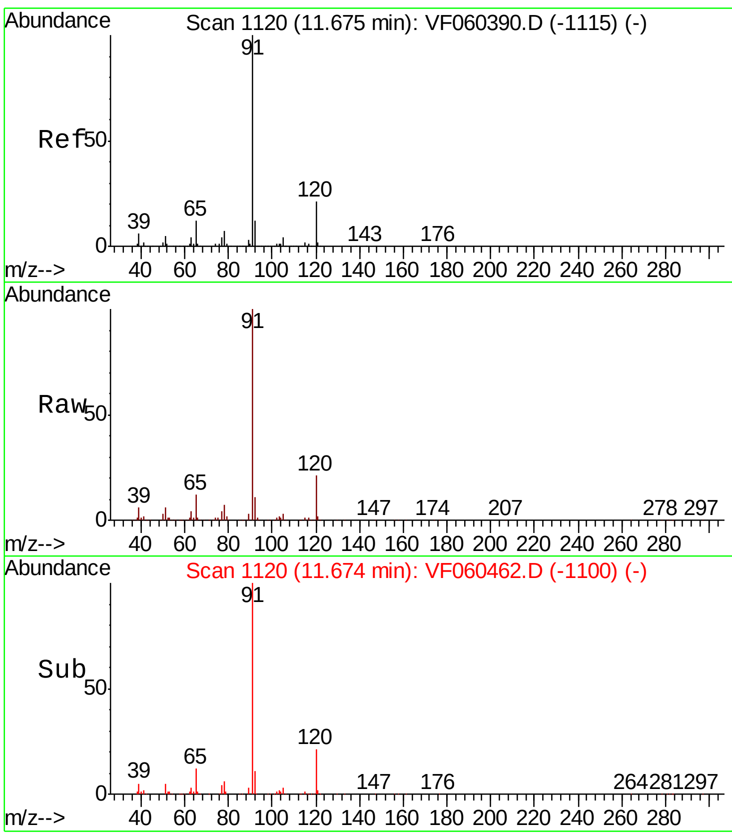
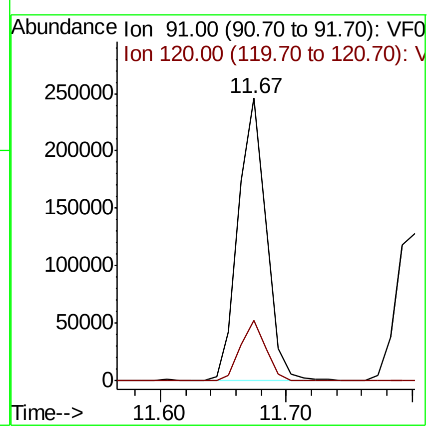


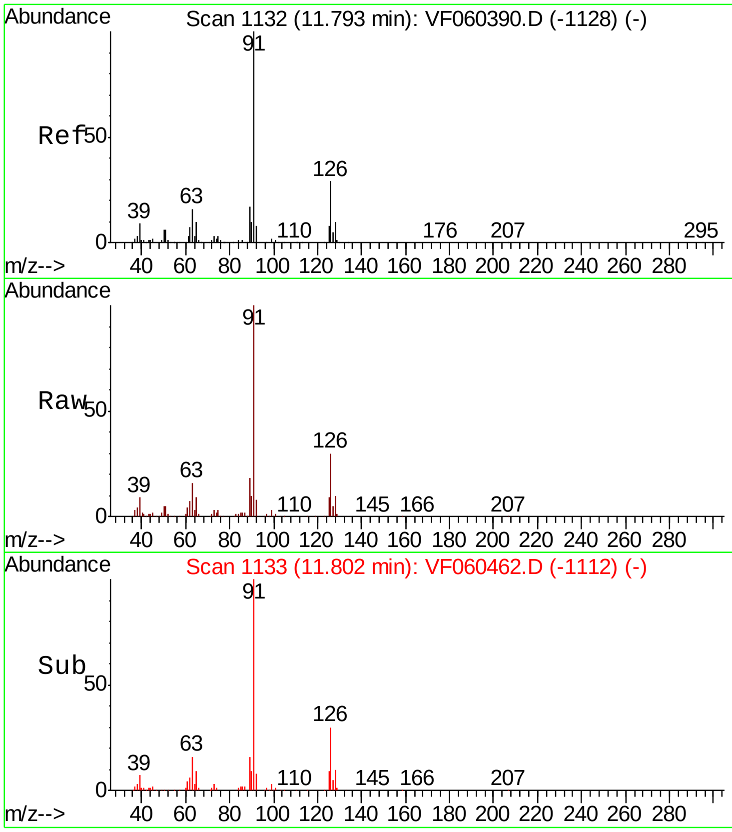


#78
n-propylbenzene
Concen: 22.886 ug/l
RT: 11.67 min   Scan# 1120
Delta R.T.   -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion: 91 Resp: 374653

Ion	Ratio	Lower	Upper
91	100		
120	21.3	10.5	31.6





#79
2-Chlorotoluene
Concen: 21.671 ug/l
RT: 11.80 min Scan# 1133
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

Tgt Ion: 91 Resp: 207522

Ion	Ratio	Lower	Upper
91	100		
126	30.3	14.4	43.4

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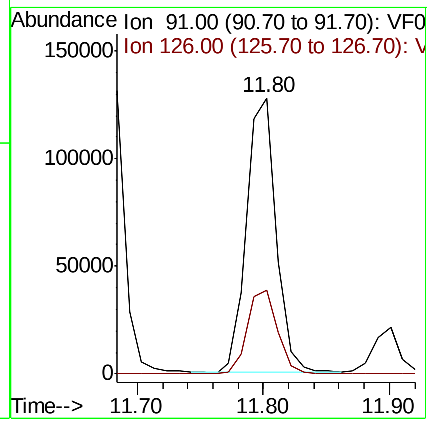
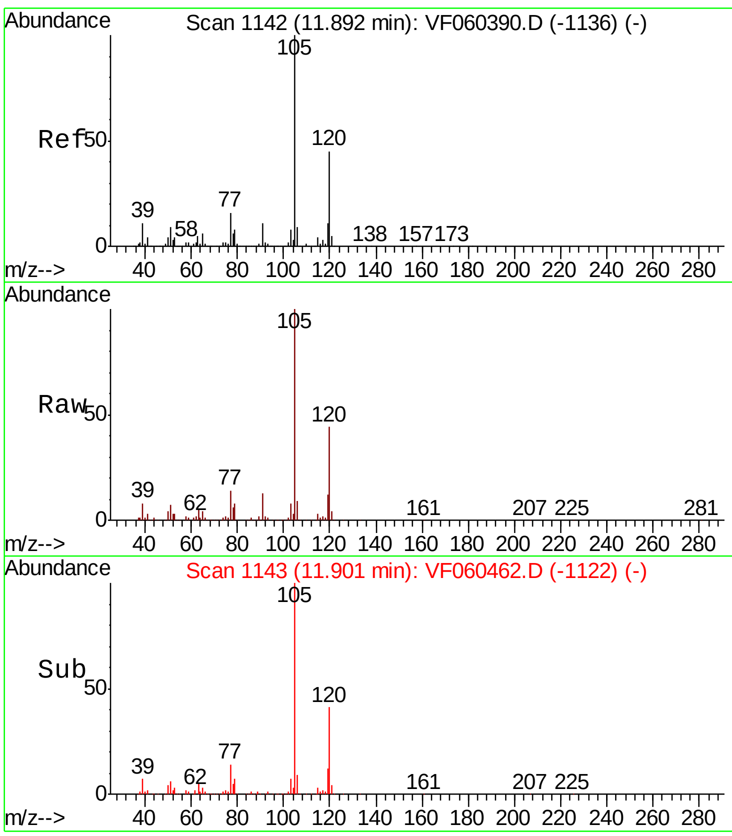
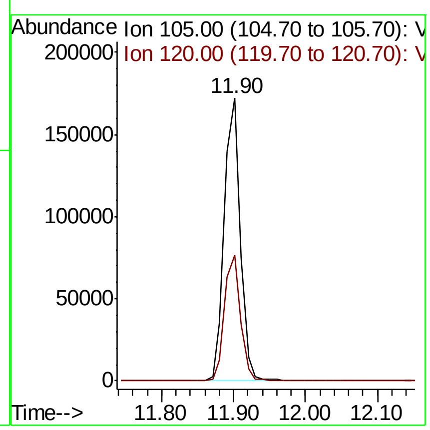


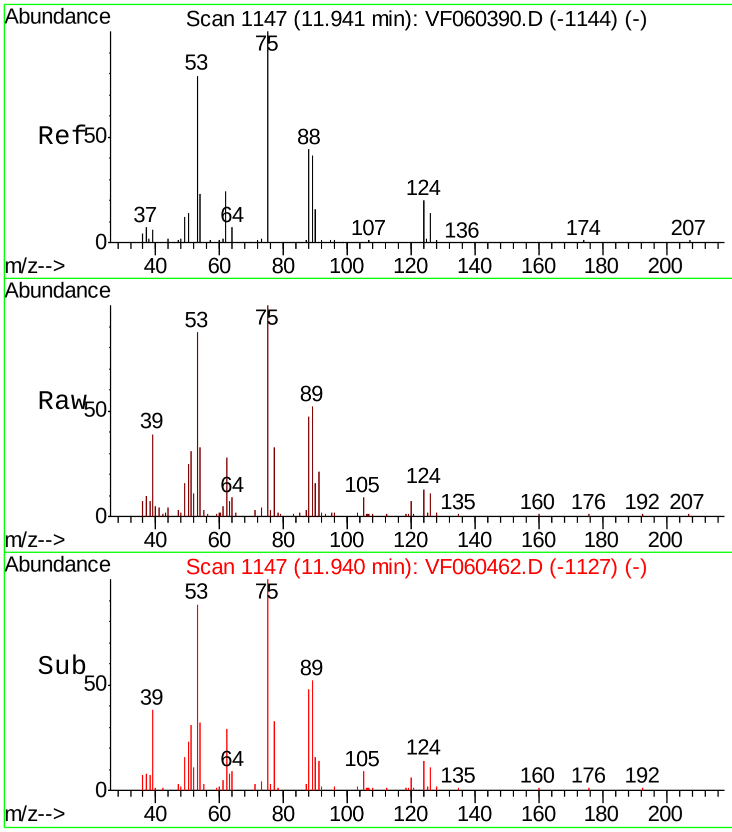


#80
1,3,5-Trimethylbenzene
Concen: 23.083 ug/l
RT: 11.90 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion:105 Resp: 264829

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.3	66.9





#81
trans-1,4-Dichloro-2-butene
Concen: 19.879 ug/l m
RT: 11.94 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 75 Resp: 15971

Ion	Ratio	Lower	Upper
75	100		
53	87.3	67.8	101.8
89	51.9	36.7	55.1

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

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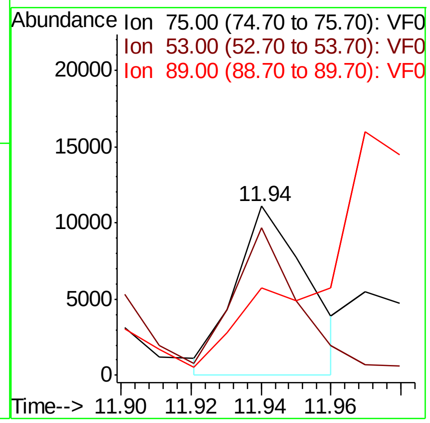
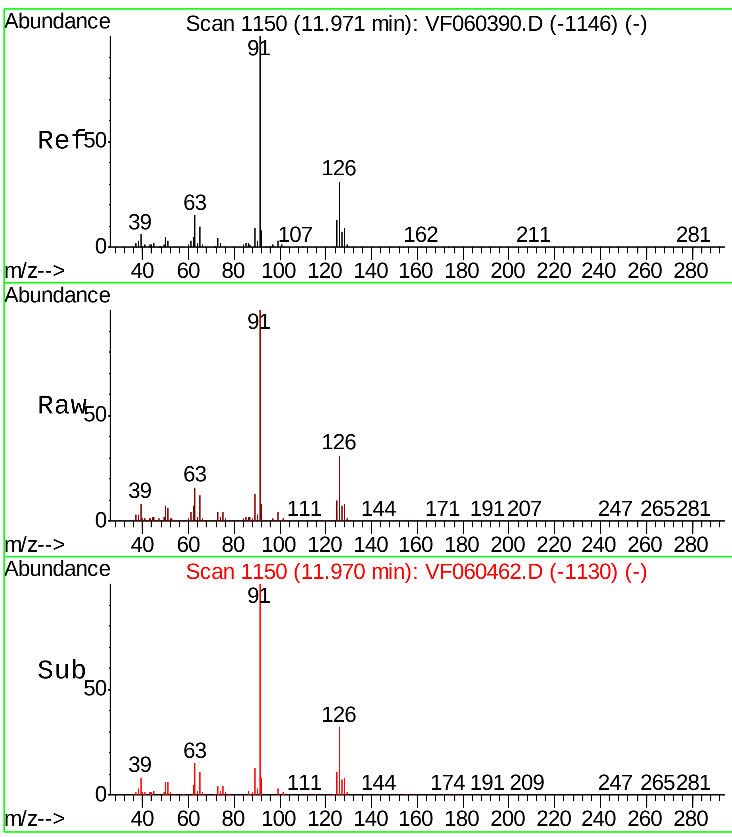
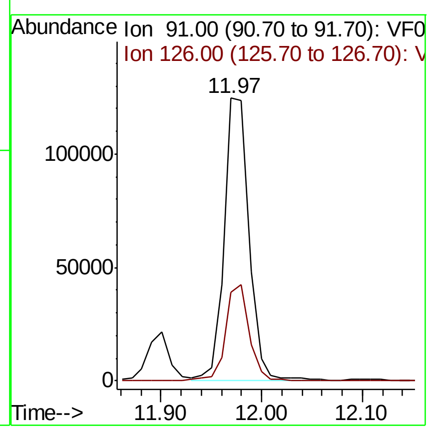


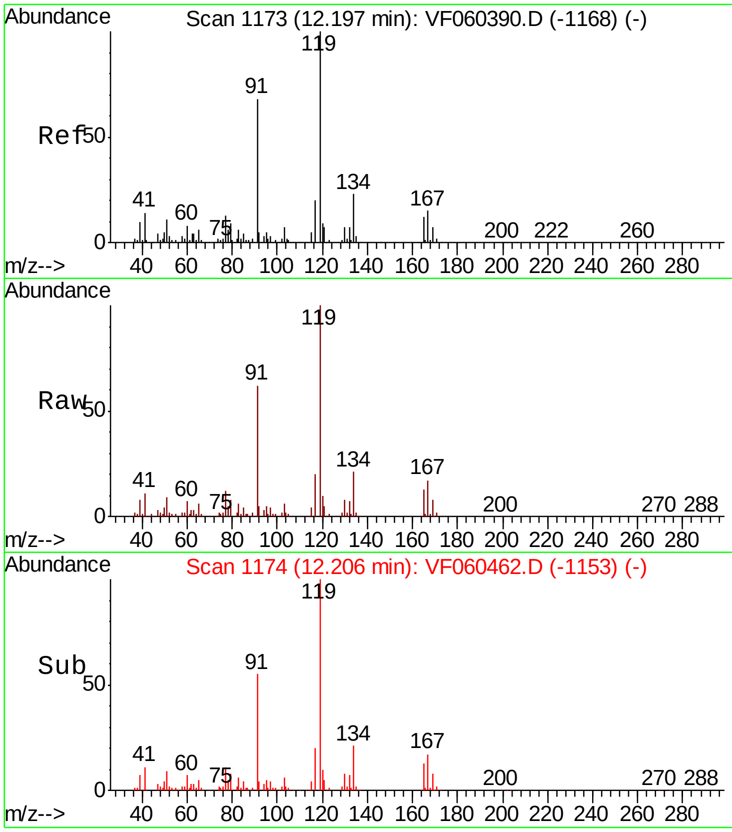


#82
4-Chlorotoluene
Concen: 21.818 ug/l
RT: 11.97 min Scan# 1150
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 91 Resp: 213771

Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.7	47.0





#83
tert-Butylbenzene
Concen: 22.846 ug/l
RT: 12.21 min   Scan# 1174
Delta R.T.   0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

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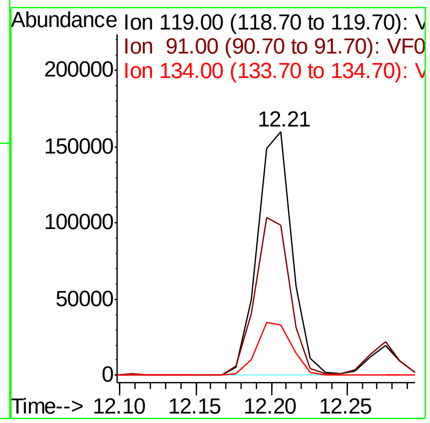
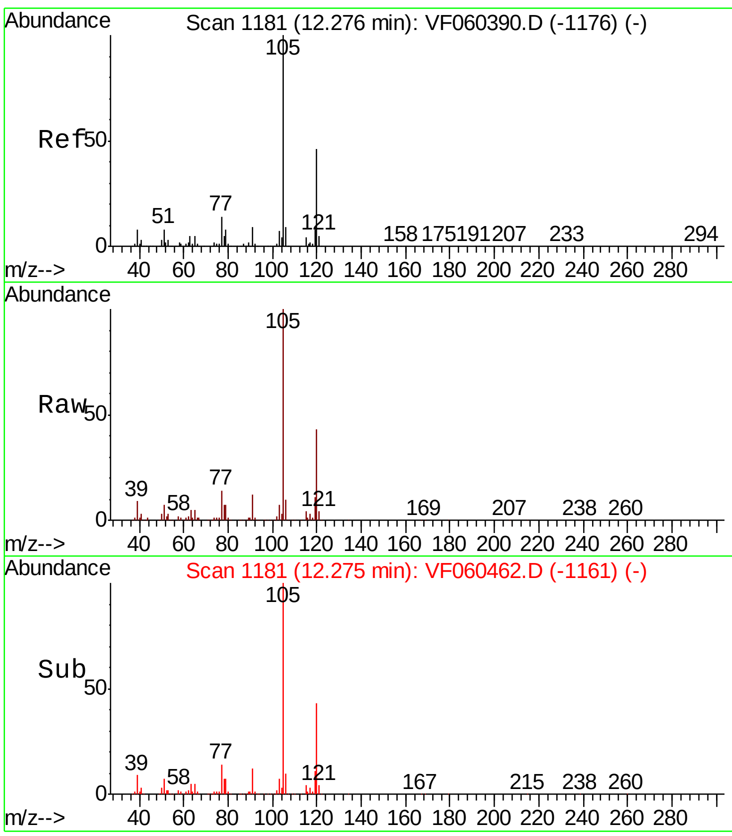
Tgt Ion:119 Resp: 258526

Ion	Ratio	Lower	Upper
119	100		
91	61.6	34.0	102.0
134	20.8	11.7	35.0

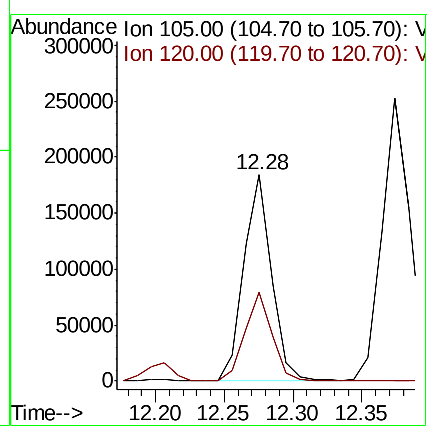


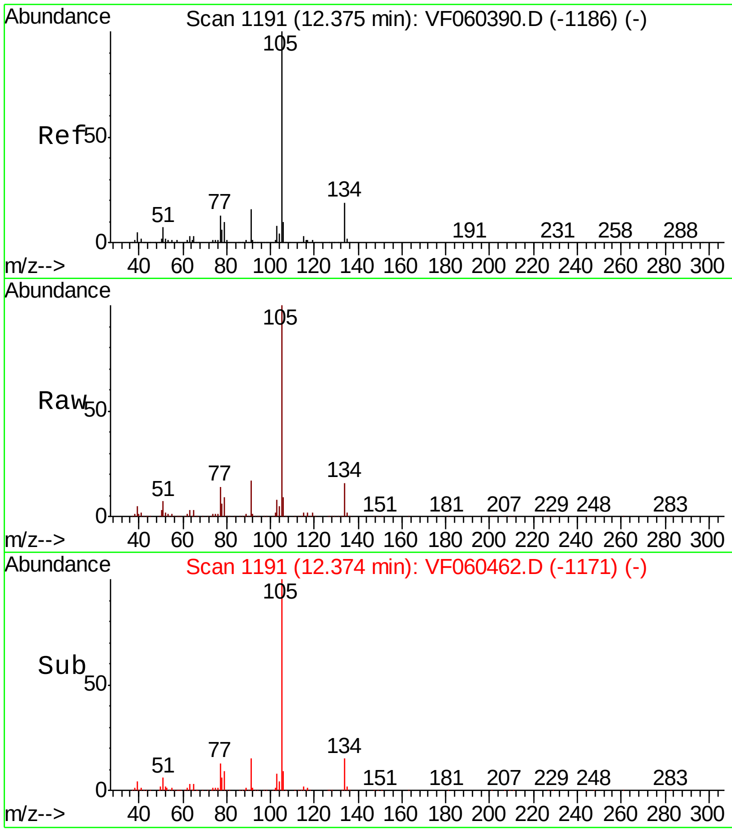


#84
1,2,4-Trimethylbenzene
Concen: 22.687 ug/l
RT: 12.28 min   Scan# 1181
Delta R.T.   -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion:105 Resp: 258131

Ion	Ratio	Lower	Upper
105	100		
120	42.9	23.1	69.2





#85
sec-Butylbenzene
Concen: 22.900 ug/l
RT: 12.37 min   Scan# 1191
Delta R.T.   -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

Tgt Ion:105 Resp: 357688

Ion	Ratio	Lower	Upper
105	100		
134	15.9	9.4	28.3

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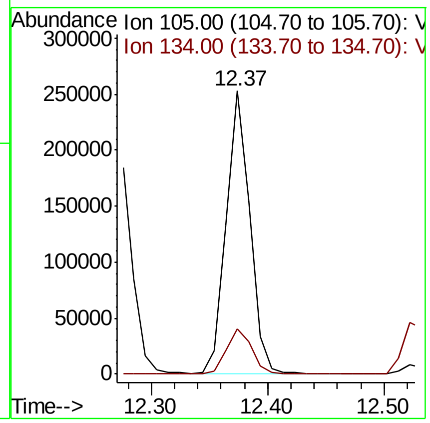
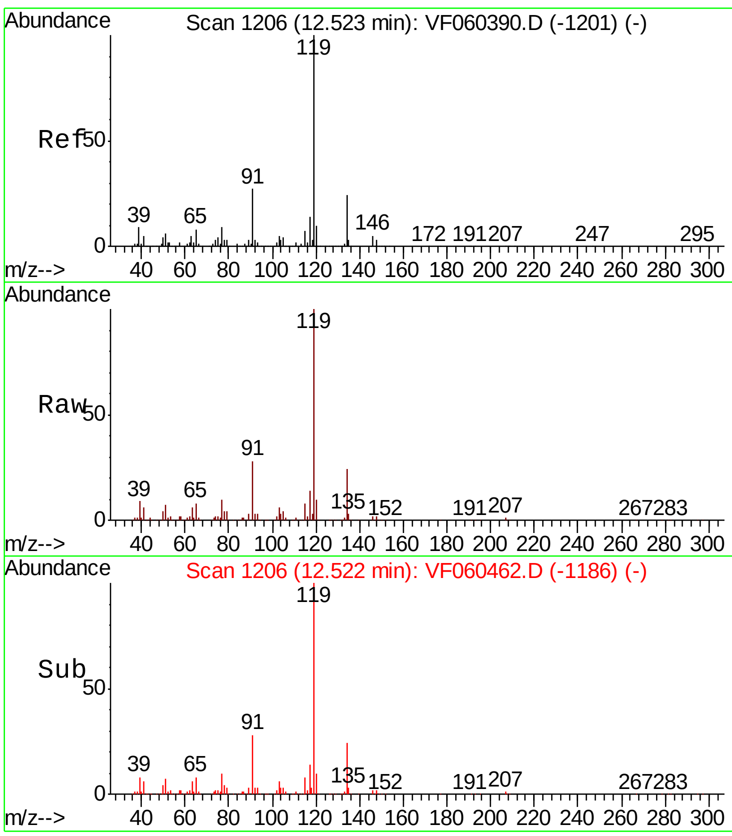
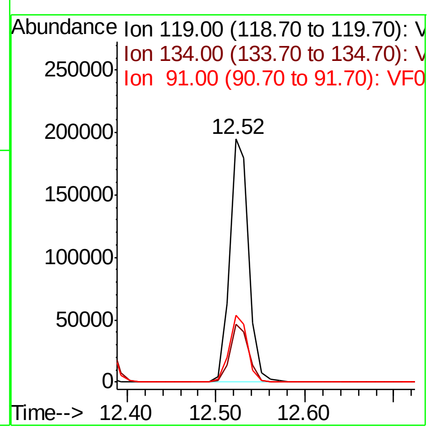


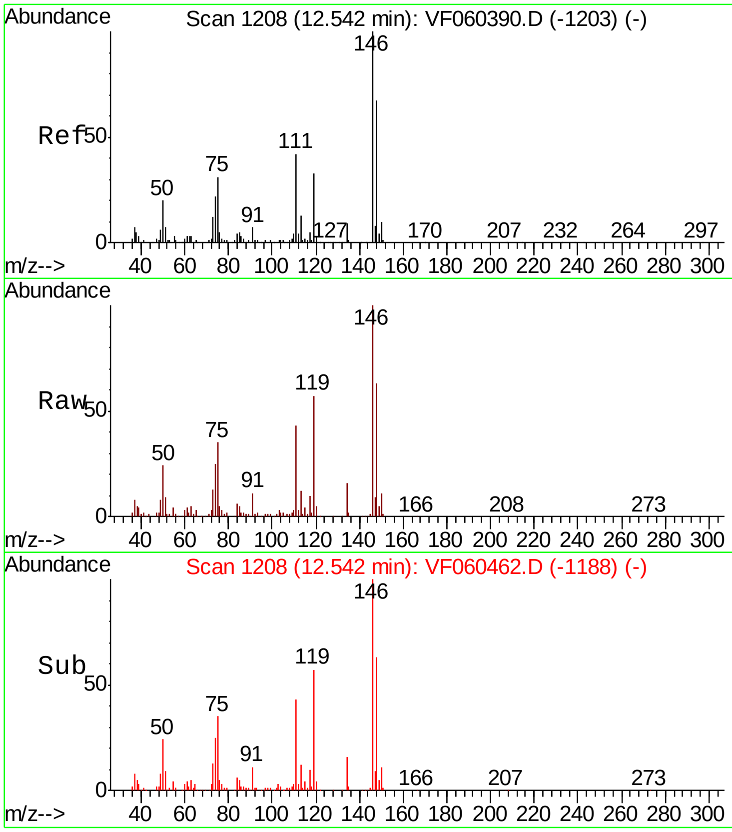


#86
p-Isopropyltoluene
Concen: 23.281 ug/l
RT: 12.52 min   Scan# 1206
Delta R.T.   -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion:119 Resp: 297087

Ion	Ratio	Lower	Upper
119	100		
134	23.8	12.3	36.8
91	27.8	13.5	40.4





#87
1,3-Dichlorobenzene
Concen: 22.143 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

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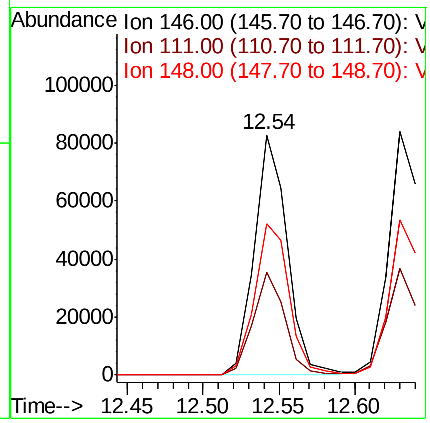
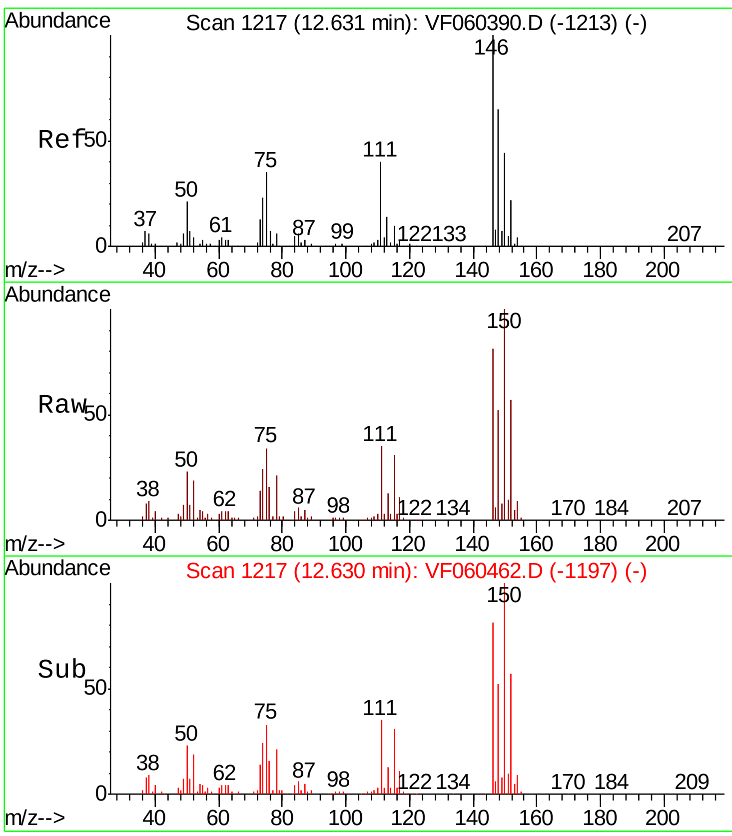
Tgt Ion:146 Resp: 125774

Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.9	62.7
148	63.3	33.6	100.8

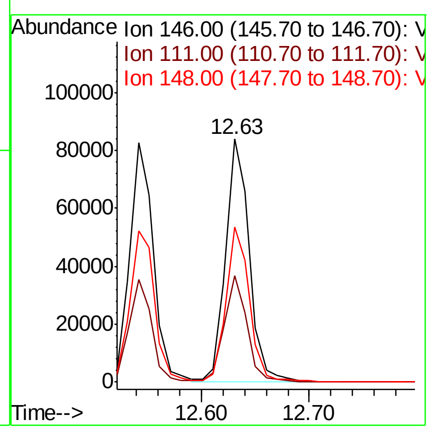


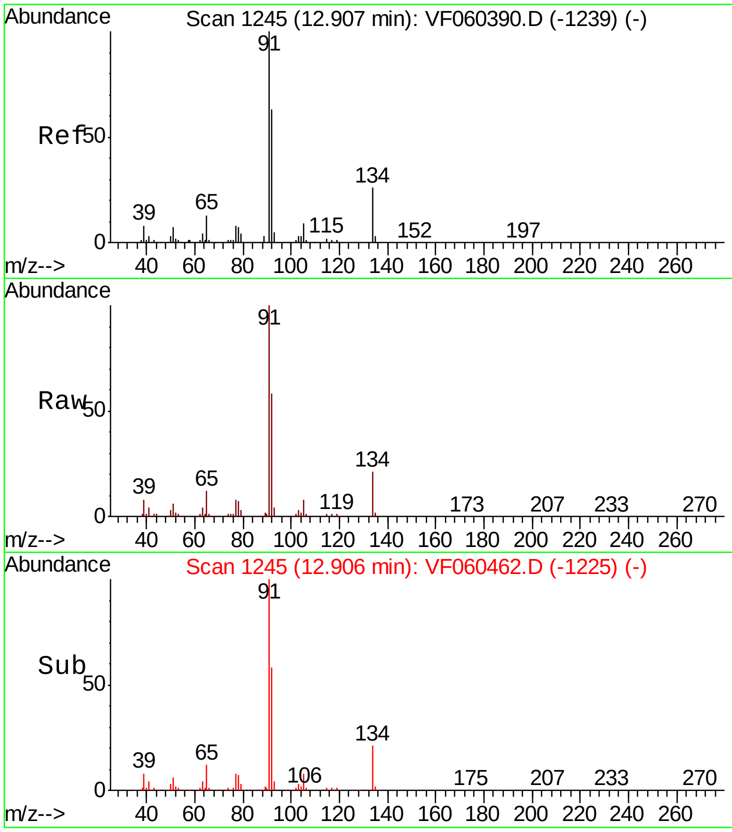


#88
1,4-Dichlorobenzene
Concen: 22.933 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion:146 Resp: 128449

Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.2	60.6
148	63.7	32.6	97.8





#89
n-Butylbenzene
Concen: 23.816 ug/l
RT: 12.91 min Scan# 1245
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion: 91 Resp: 321592

Ion	Ratio	Lower	Upper
91	100		
92	57.9	31.3	93.9
134	21.0	13.0	38.9

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

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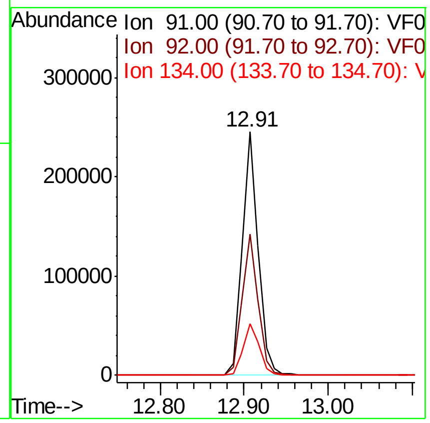
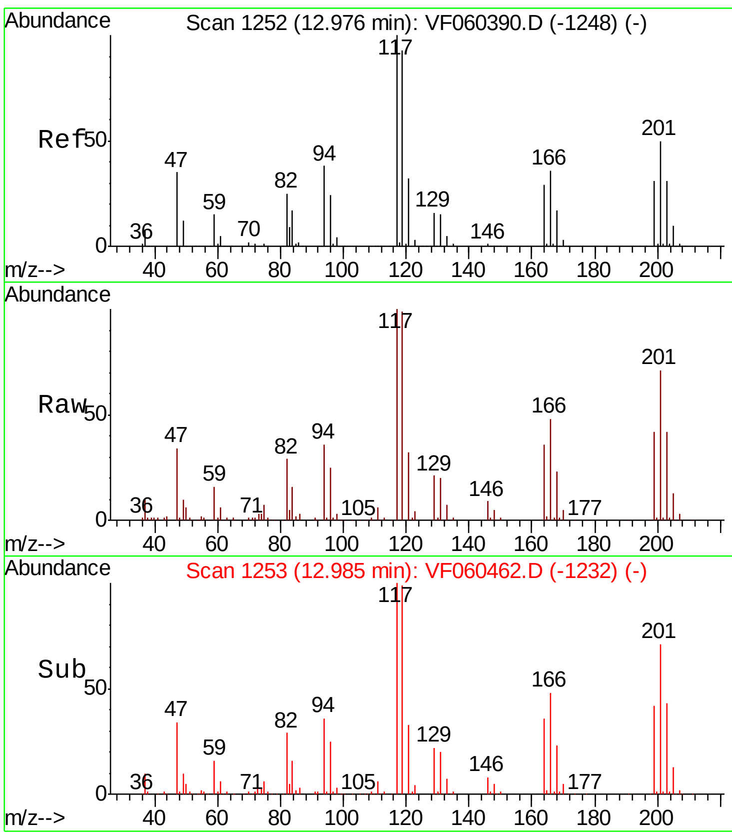
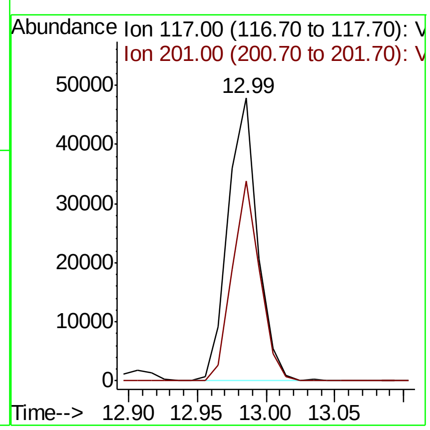


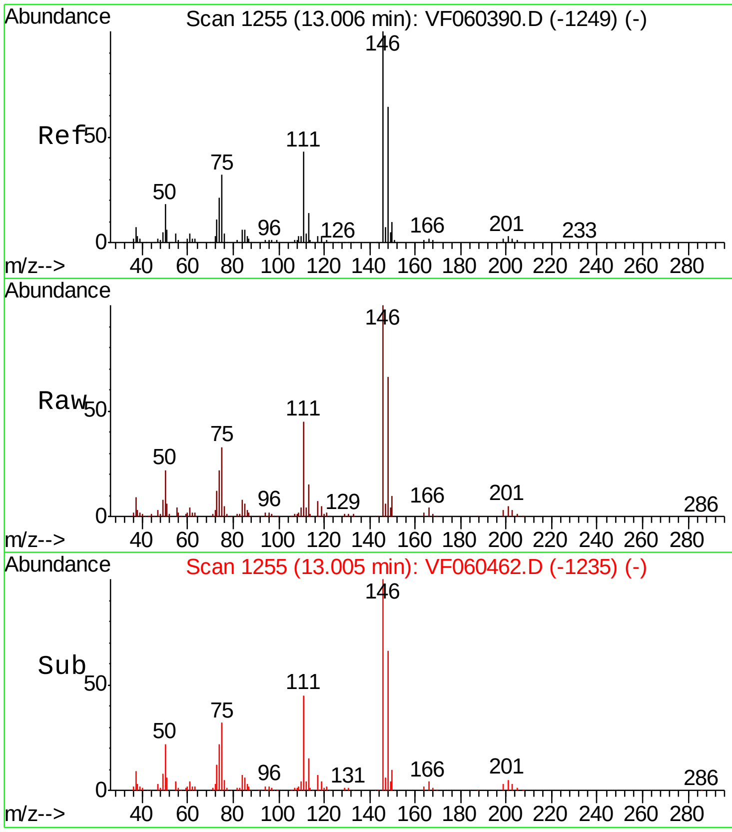


#90
Hexachloroethane
Concen: 21.658 ug/l
RT: 12.99 min Scan# 1253
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion:117 Resp: 71430

Ion	Ratio	Lower	Upper
117	100		
201	70.5	25.5	76.5

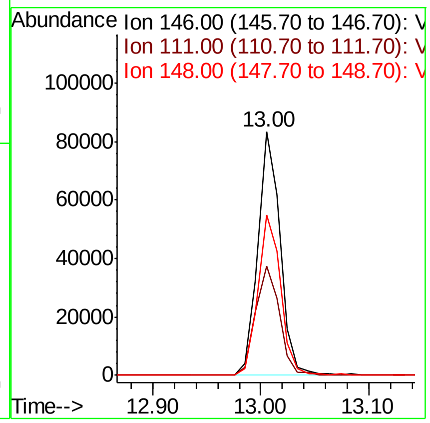




#91
1,2-Dichlorobenzene
Concen: 22.055 ug/l
RT: 13.00 min   Scan# 1255
Delta R.T.   -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion:146 Resp: 120032

Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.3	64.0
148	66.1	32.2	96.6



Instrument :
MSVOA_F
ClientSampleId :
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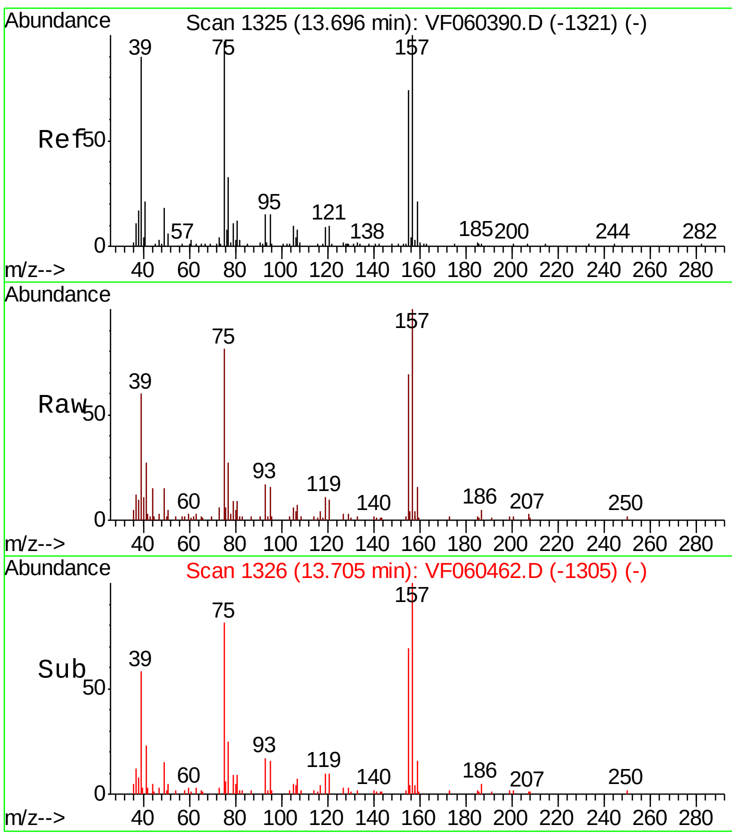
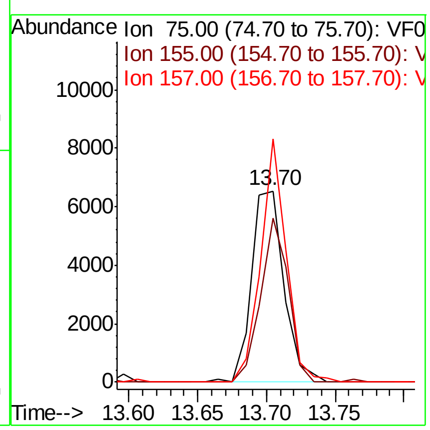
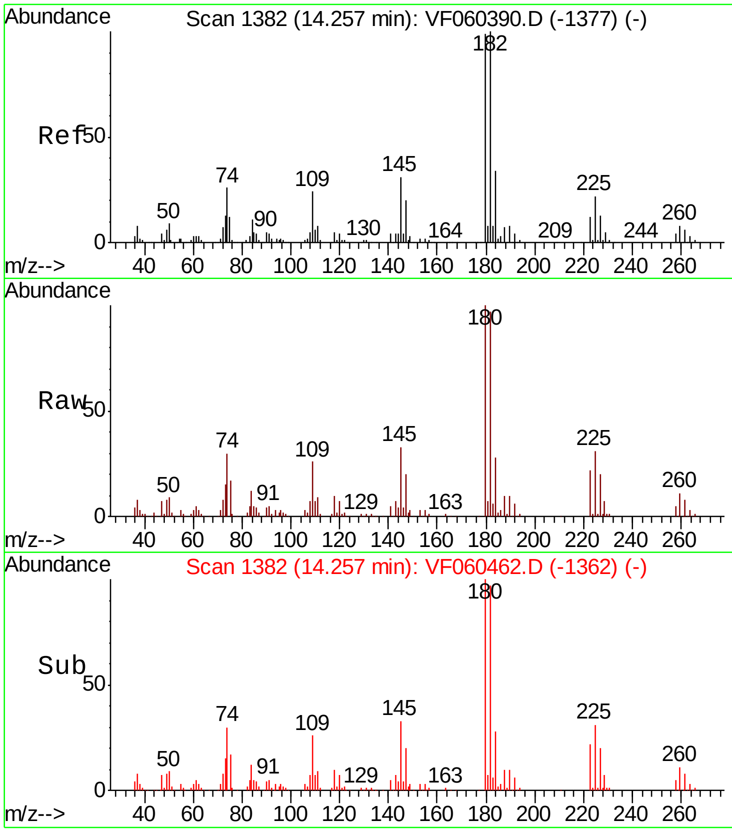


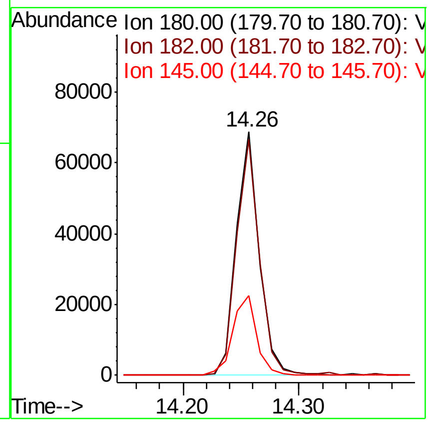
#92
1,2-Dibromo-3-Chloropropane
Concen: 22.708 ug/l
RT: 13.70 min   Scan# 1326
Delta R.T.   0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion: 75 Resp: 10838

Ion	Ratio	Lower	Upper
75	100		
155	85.8	37.9	113.6
157	127.3	51.3	154.0







#93
1,2,4-Trichlorobenzene
Concen: 23.256 ug/l
RT: 14.26 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion:180 Resp: 94600

Ion	Ratio	Lower	Upper
180	100		
182	97.0	50.3	150.9
145	32.8	15.5	46.5

Instrument : MSVOA_F
ClientSampleId : VF1005SBSD01

Manual Integrations APPROVED
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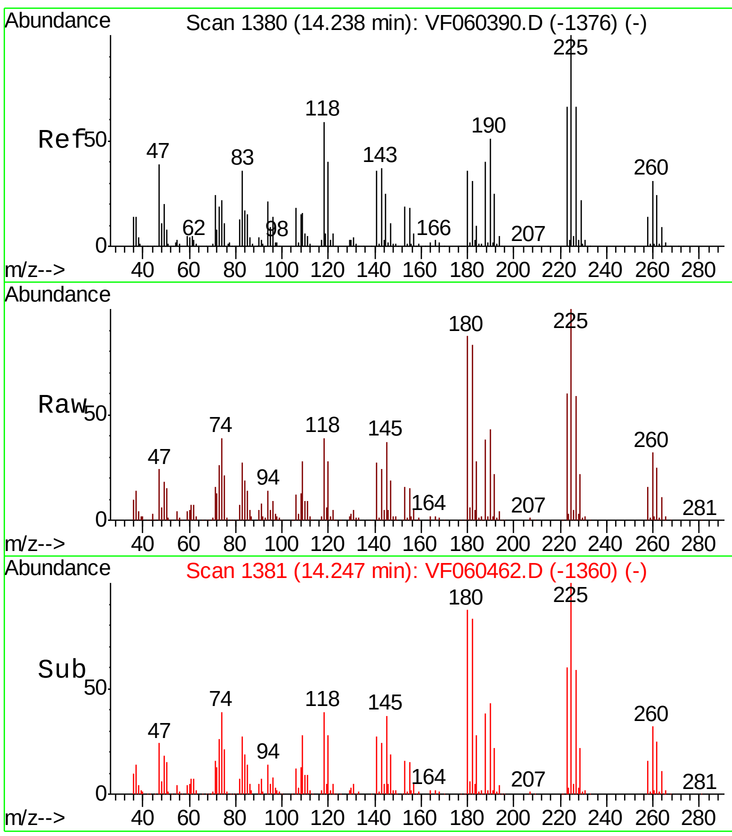
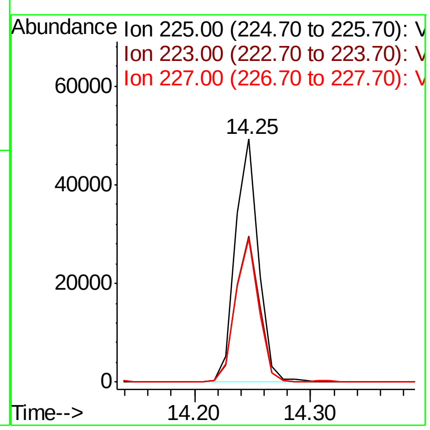
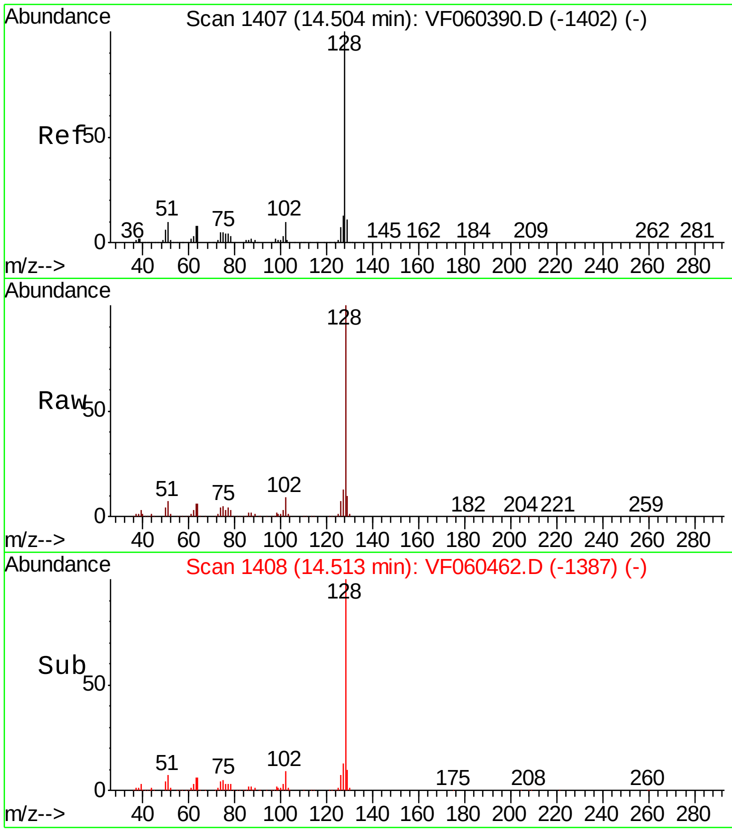




#94
Hexachlorobutadiene
Concen: 23.994 ug/l
RT: 14.25 min Scan# 1381
Delta R.T. 0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018 18:13

Tgt Ion:225 Resp: 68122

Ion	Ratio	Lower	Upper
225	100		
223	60.0	32.8	98.4
227	59.2	33.0	99.0



#95
Naphthalene
Concen: 21.926 ug/l
RT: 14.51 min   Scan# 1408
Delta R.T.   0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion:128 Resp: 159470

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	9.9	8.7	13.1

Instrument :
MSVOA_F
ClientSampleId :
VF1005SBSD01

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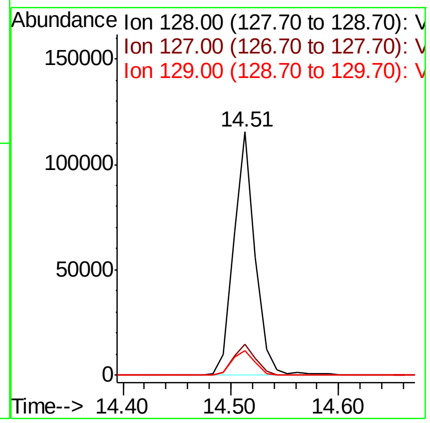

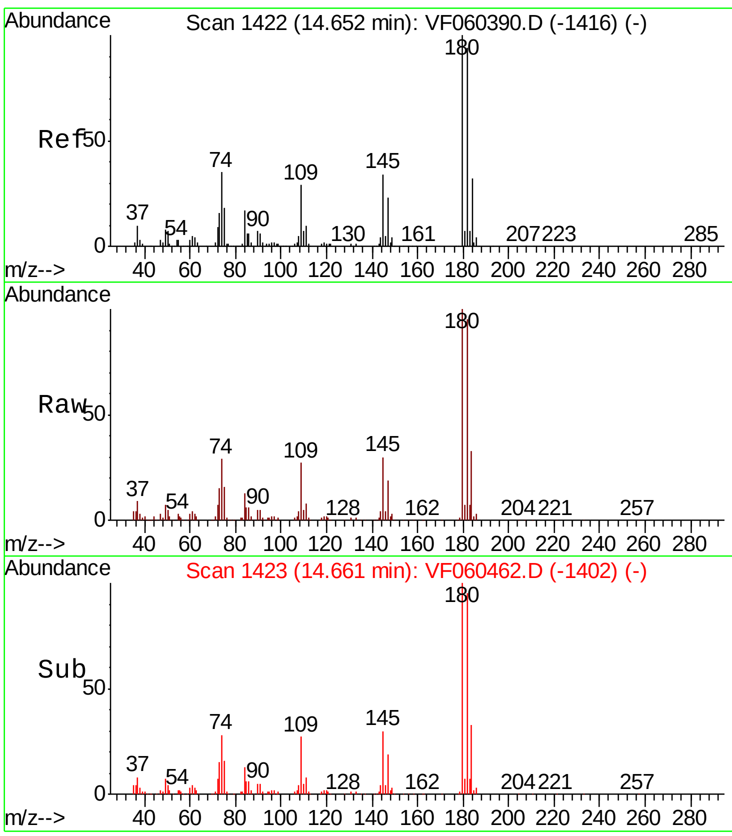

#96
1,2,3-Trichlorobenzene
Concen: 22.729 ug/l
RT: 14.66 min   Scan# 1423
Delta R.T.   0.01 min
Lab File: VF060462.D
Acq: 5 Oct 2018   18:13

Tgt Ion:180 Resp: 86669

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.8	140.3
145	30.5	16.9	50.6