Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011119\
Data File : VF061364.D
Acq On : 11 Jan 2019 13:19
Operator : VA/AP
Sample : VF0111SBSD01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 12 03:47:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

Instrument : MSVOA_F
ClientSampleId : VF0111SBSD01

Manual Integrations APPROVED
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1/14/2019 1:16:43 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	181828	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.57	114	304554	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	280563	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	137182	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	113330	56.00	ug/l	-0.03
Spiked Amount 50.000			Recovery = 112.00%			
35) Dibromofluoromethane	4.09	113	128914	55.32	ug/l	-0.02
Spiked Amount 50.000			Recovery = 110.64%			
50) Toluene-d8	7.54	98	342797	49.71	ug/l	-0.03
Spiked Amount 50.000			Recovery = 99.42%			
62) 4-Bromofluorobenzene	11.39	95	156429	51.95	ug/l	-0.02
Spiked Amount 50.000			Recovery = 103.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.95	85	63280	18.867	ug/l	93
3) Chloromethane	1.08	50	50670	16.953	ug/l	98
4) Vinyl Chloride	1.14	62	45170	16.921	ug/l	94
5) Bromomethane	1.29	94	28029	14.515	ug/l #	78
6) Chloroethane	1.38	64	20659	15.848	ug/l	95
7) Trichlorofluoromethane	1.47	101	83970	18.556	ug/l	96
8) Diethyl Ether	1.62	74	9777	14.713	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	1.82	101	42368	17.731	ug/l	95
10) Methyl Iodide	1.89	142	64665m	17.274	ug/l	
11) Tert butyl alcohol	2.56	59	8886	109.661	ug/l #	85
12) 1,1-Dichloroethene	1.78	96	32578	17.050	ug/l	98
13) Acrolein	1.98	56	8171	78.163	ug/l	97
14) Allyl chloride	2.08	41	53486	15.314	ug/l	92
15) Acrylonitrile	2.92	53	23380	81.391	ug/l	92
16) Acetone	2.22	43	47393	100.665	ug/l #	89
17) Carbon Disulfide	1.80	76	98011	15.530	ug/l #	89
18) Methyl Acetate	2.33	43	17338	18.718	ug/l #	82
19) Methyl tert-butyl Ether	2.42	73	60459	16.605	ug/l	99
20) Methylene Chloride	2.16	84	36004m	18.077	ug/l	
21) trans-1,2-Dichloroethene	2.30	96	36086	17.823	ug/l	96
22) Diisopropyl ether	2.78	45	104744	15.502	ug/l	92
23) Vinyl Acetate	3.17	43	202464	102.461	ug/l	97
24) 1,1-Dichloroethane	2.85	63	69252	17.718	ug/l	99
25) 2-Butanone	4.31	43	75440	99.559	ug/l	91
26) 2,2-Dichloropropane	3.58	77	41992	16.078	ug/l	100
27) cis-1,2-Dichloroethene	3.45	96	50718	17.941	ug/l	99
28) Bromochloromethane	3.70	49	35264	20.463	ug/l	93
29) Tetrahydrofuran	4.06	42	30723	96.973	ug/l	100
30) Chloroform	3.83	83	90628	18.266	ug/l	100
31) Cyclohexane	3.67	56	70715	17.246	ug/l	96
32) 1,1,1-Trichloroethane	4.07	97	70630	17.624	ug/l	98
36) 1,1-Dichloropropene	4.25	75	69241	19.469	ug/l	93
37) Ethyl Acetate	4.08	43	29272	22.602	ug/l #	72
38) Carbon Tetrachloride	3.97	117	57081	16.946	ug/l	98

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Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

Manual Integrations APPROVED
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Quant Time: Jan 12 03:47:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	5.44	83	79670	17.903	ug/l		96
40) Benzene	4.61	78	156233	18.816	ug/l		100
41) Methacrylonitrile	4.72	41	16219	22.425	ug/l	#	85
42) 1,2-Dichloroethane	4.91	62	54855	21.220	ug/l		96
43) Isopropyl Acetate	6.95	43	35554	20.793	ug/l	#	99
44) Trichloroethene	5.49	130	49233	20.261	ug/l		97
45) 1,2-Dichloropropane	6.21	63	39489	18.702	ug/l		94
46) Dibromomethane	6.07	93	26068	20.108	ug/l	#	86
47) Bromodichloromethane	6.36	83	67236	20.853	ug/l		96
48) Methyl methacrylate	6.70	41	21198	19.100	ug/l	#	80
49) 1,4-Dioxane	6.68	88	3277	467.935	ug/l		89
51) 4-Methyl-2-Pentanone	8.24	43	136399	105.686	ug/l		94
52) Toluene	7.61	92	102290	19.167	ug/l		97
53) t-1,3-Dichloropropene	8.26	75	52241	20.632	ug/l		93
54) cis-1,3-Dichloropropene	7.28	75	67578	20.129	ug/l		94
55) 1,1,2-Trichloroethane	8.47	97	27066	18.124	ug/l		96
56) Ethyl methacrylate	8.60	69	33061	19.808	ug/l		95
57) 1,3-Dichloropropane	8.83	76	55873	21.140	ug/l		94
58) 2-Chloroethyl Vinyl ether	7.27	63	7288	102.463	ug/l	#	75
59) 2-Hexanone	9.47	43	96662	105.719	ug/l		96
60) Dibromochloromethane	8.69	129	41506	20.872	ug/l		95
61) 1,2-Dibromoethane	8.97	107	30922	20.312	ug/l		94
64) Tetrachloroethene	8.13	164	42389	20.751	ug/l		93
65) Chlorobenzene	9.78	112	112442	19.847	ug/l		95
66) 1,1,1,2-Tetrachloroethane	9.91	131	47003	20.332	ug/l		96
67) Ethyl Benzene	9.89	91	213394	19.535	ug/l		98
68) m/p-Xylenes	10.11	106	150616	39.528	ug/l		100
69) o-Xylene	10.69	106	82277	19.330	ug/l		91
70) Styrene	10.77	104	108323	19.103	ug/l		97
71) Bromoform	10.75	173	19040	20.153	ug/l	#	99
73) Isopropylbenzene	11.11	105	250260	20.732	ug/l		96
74) N-amyl acetate	11.35	43	63170	23.021	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.68	83	42784	22.353	ug/l		96
76) 1,2,3-Trichloropropane	11.78	75	31320	22.311	ug/l		98
77) Bromobenzene	11.48	156	49753	20.717	ug/l		98
78) n-propylbenzene	11.58	91	297590	20.677	ug/l		98
79) 2-Chlorotoluene	11.71	91	160633	20.032	ug/l		99
80) 1,3,5-Trimethylbenzene	11.81	105	203653	21.202	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.86	75	12732m	20.755	ug/l		
82) 4-Chlorotoluene	11.89	91	164645	20.206	ug/l		97
83) tert-Butylbenzene	12.11	119	213240	22.283	ug/l		98
84) 1,2,4-Trimethylbenzene	12.19	105	207099	21.717	ug/l		96
85) sec-Butylbenzene	12.29	105	271441	19.921	ug/l		97
86) p-Isopropyltoluene	12.45	119	231273	20.867	ug/l		98
87) 1,3-Dichlorobenzene	12.46	146	97175	20.720	ug/l		98
88) 1,4-Dichlorobenzene	12.55	146	90890	20.159	ug/l		96
89) n-Butylbenzene	12.83	91	243375	21.372	ug/l		93
90) Hexachloroethane	12.90	117	53449	21.083	ug/l		95
91) 1,2-Dichlorobenzene	12.93	146	93849	20.965	ug/l		95
92) 1,2-Dibromo-3-Chloropropan	13.63	75	7535	23.300	ug/l		80

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Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

Manual Integrations APPROVED
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Quant Time: Jan 12 03:47:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.19	180	65164	21.154 ug/l	97
94) Hexachlorobutadiene	14.18	225	40473	20.409 ug/l	97
95) Naphthalene	14.44	128	122285	21.065 ug/l	99
96) 1,2,3-Trichlorobenzene	14.59	180	59093	20.365 ug/l	97

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

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Acq On : 11 Jan 2019 13:19
Operator : VA/AP
Sample : VF0111SBSD01
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Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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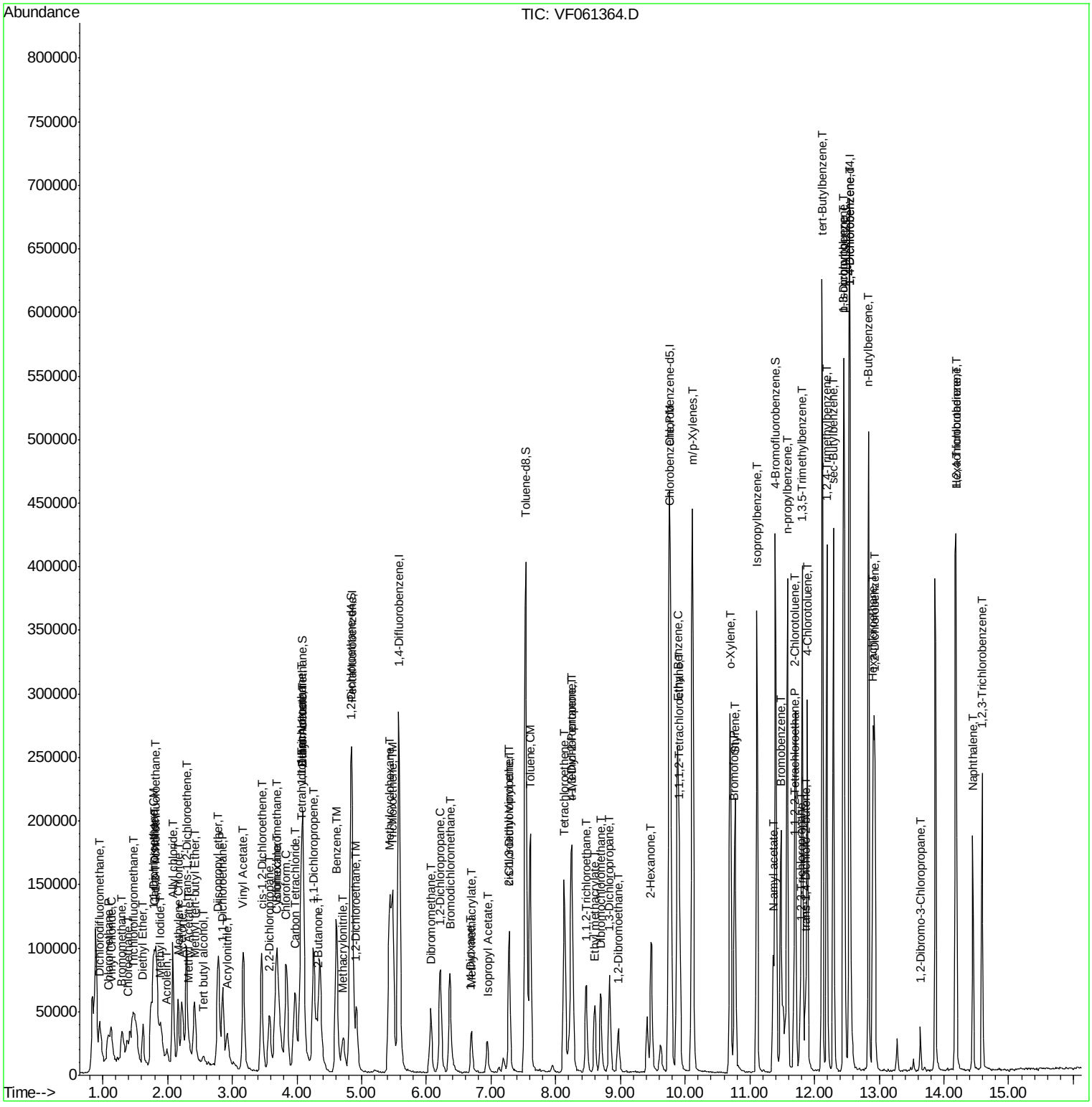
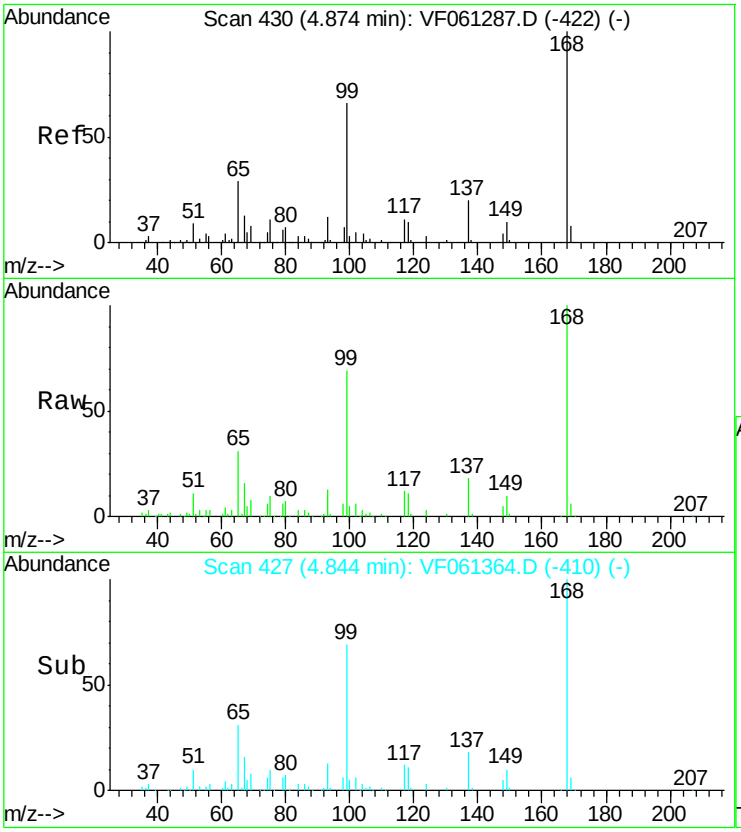
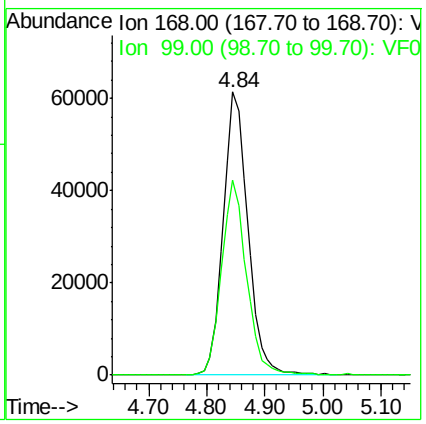




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:168 Resp: 181828

Ion	Ratio	Lower	Upper
168	100		
99	69.0	52.7	79.1



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

Manual Integrations APPROVED
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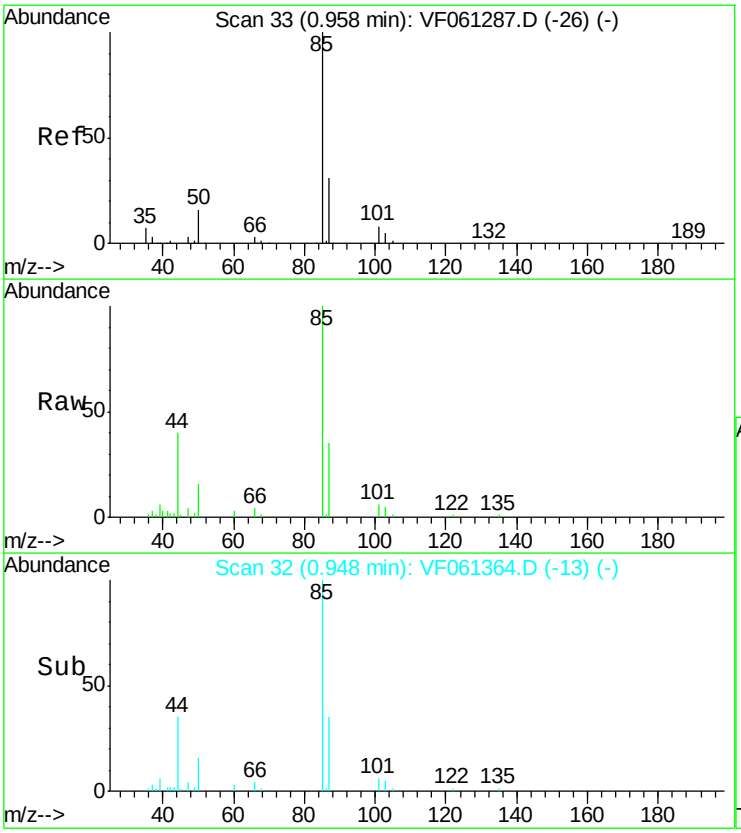
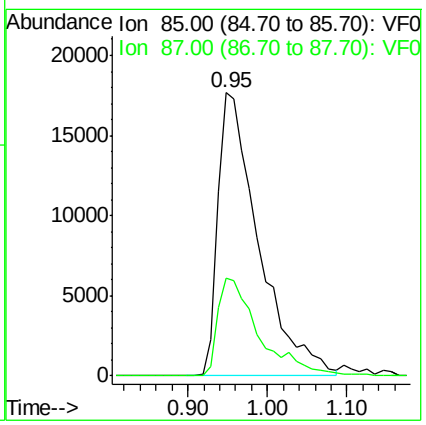
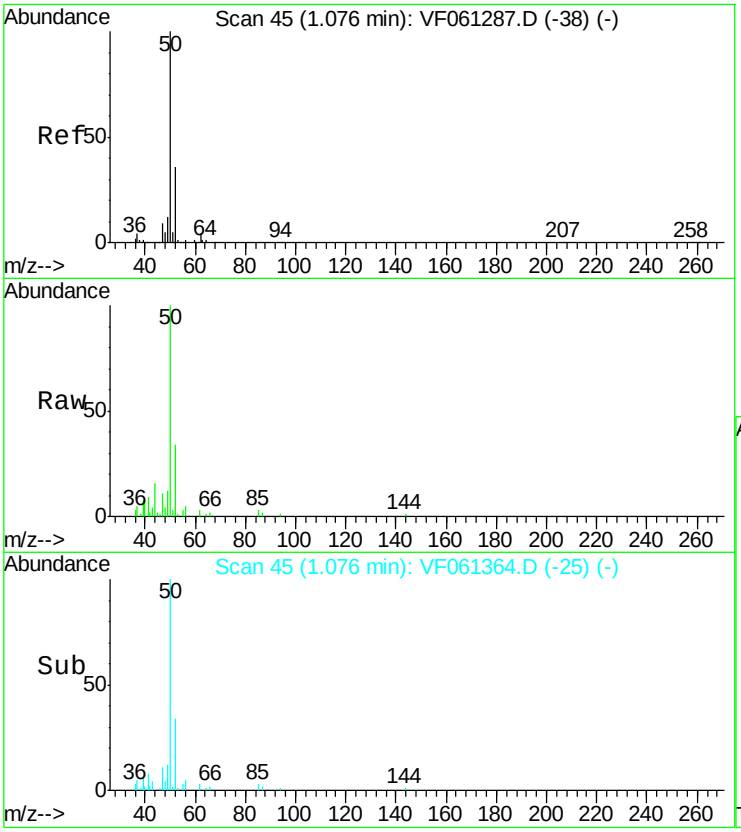


#2
Dichlorodifluoromethane
Concen: 18.867 ug/l
RT: 0.95 min Scan# 32
Delta R.T. -0.01 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 85 Resp: 63280

Ion	Ratio	Lower	Upper
85	100		
87	34.7	15.4	46.2

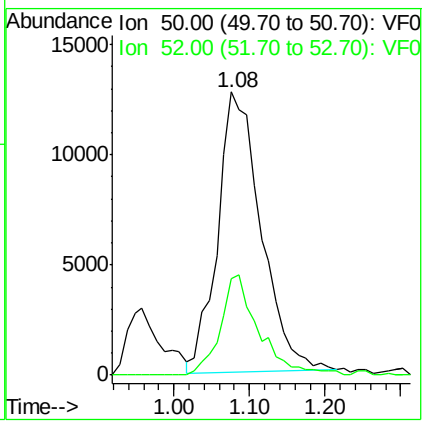




#3
Chloromethane
Concen: 16.953 ug/l
RT: 1.08 min Scan# 45
Delta R.T. -0.00 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 50 Resp: 50670

Ion	Ratio	Lower	Upper
50	100		
52	34.0	28.2	42.2



Instrument :
MSVOA_F
ClientSampleId :
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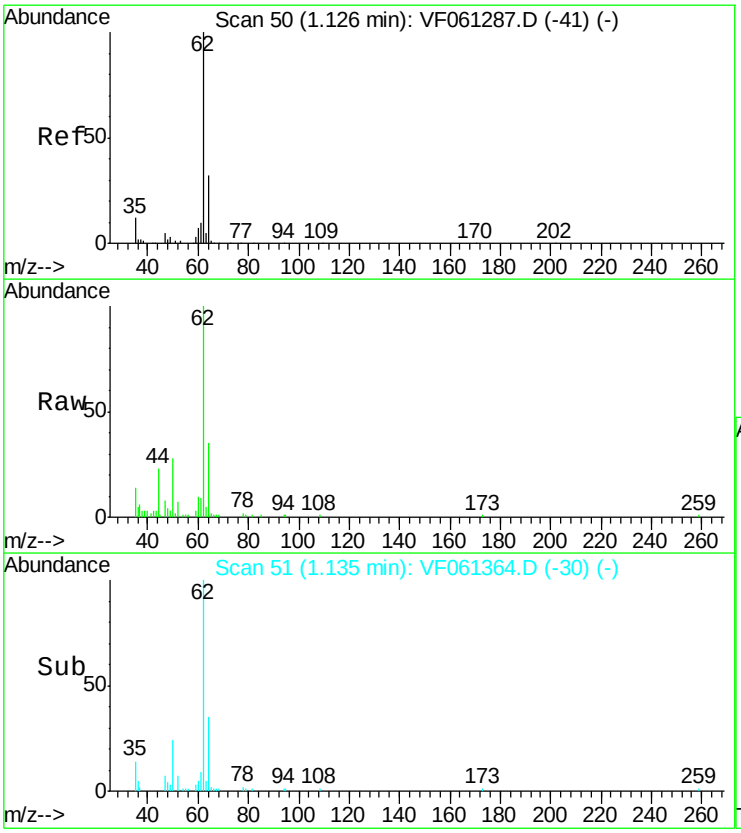
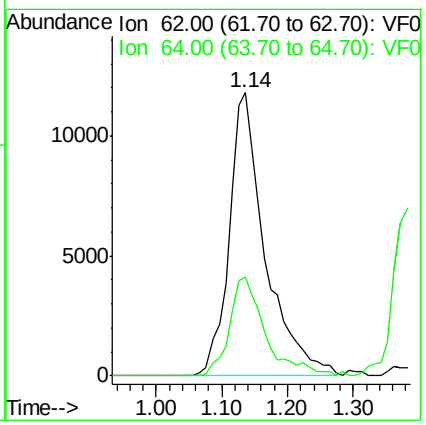
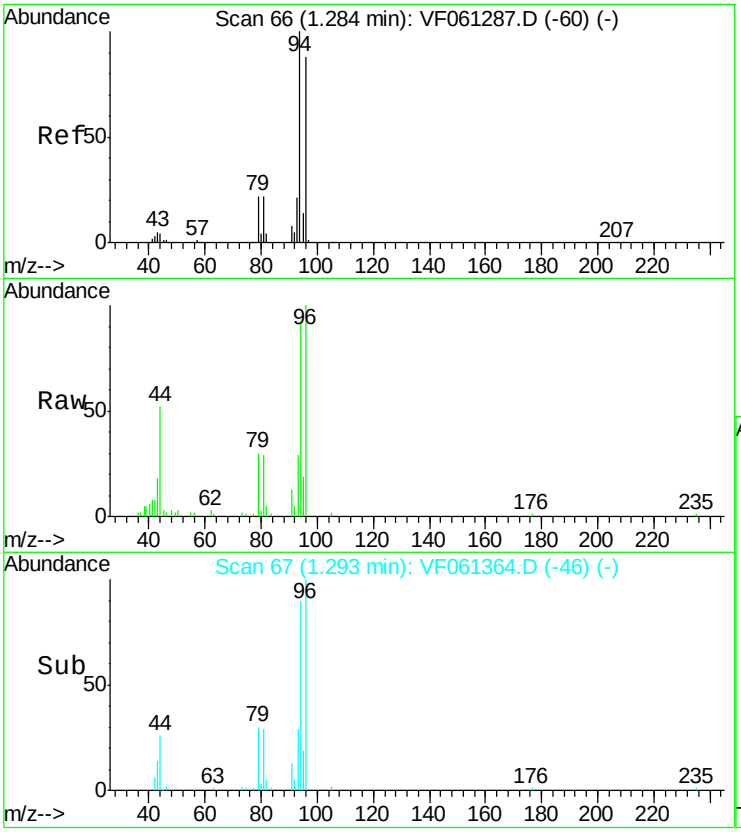


#4
Vinyl Chloride
Concen: 16.921 ug/l
RT: 1.14 min Scan# 51
Delta R.T. 0.01 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 62 Resp: 45170

Ion	Ratio	Lower	Upper
62	100		
64	34.9	25.4	38.0

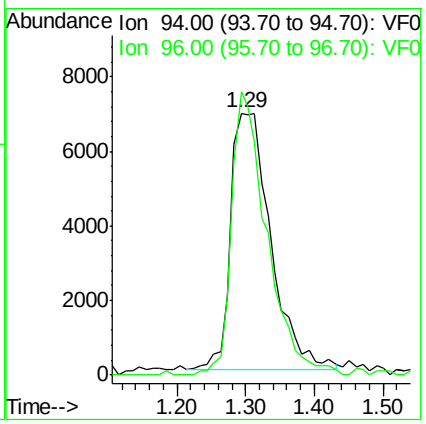




#5
Bromomethane
Concen: 14.515 ug/l
RT: 1.29 min Scan# 67
Delta R.T. 0.01 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 94 Resp: 28029

Ion	Ratio	Lower	Upper
94	100		
96	108.1	70.2	105.4#



Instrument :
MSVOA_F
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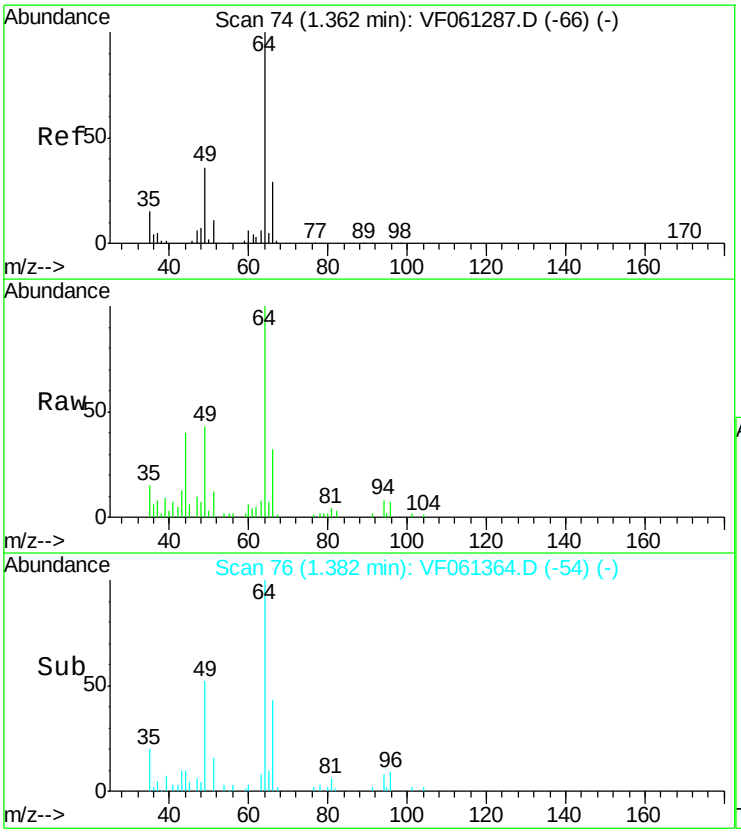
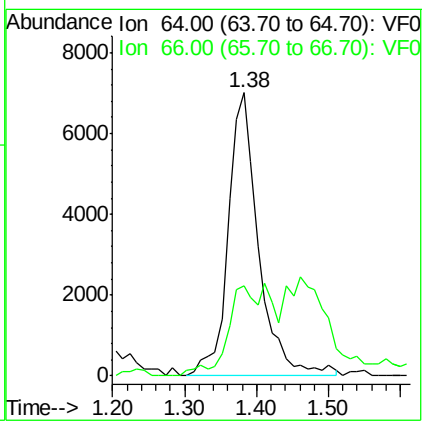
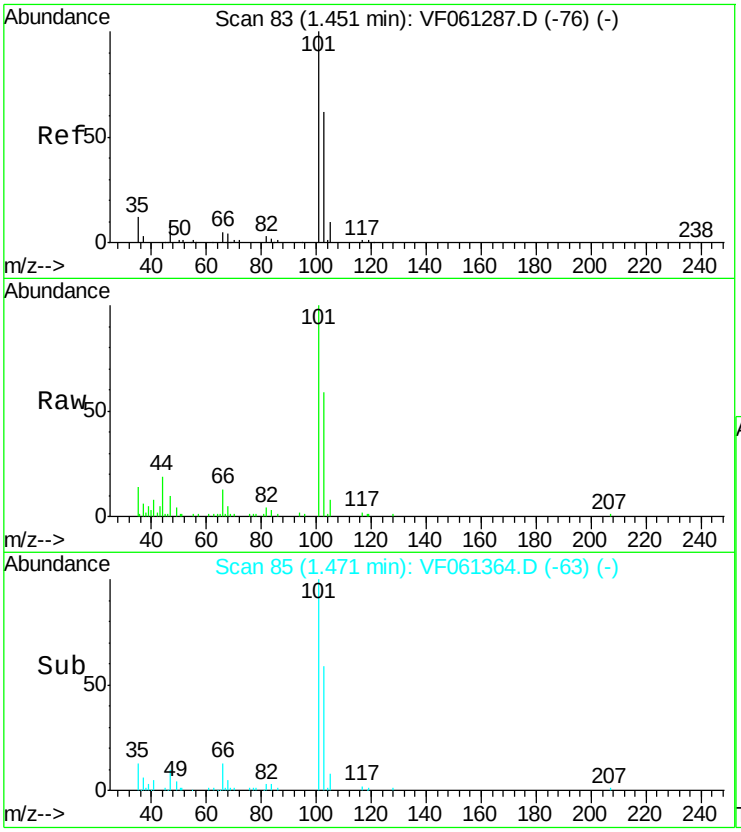


#6
Chloroethane
Concen: 15.848 ug/l
RT: 1.38 min Scan# 76
Delta R.T. 0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 64 Resp: 20659

Ion	Ratio	Lower	Upper
64	100		
66	31.8	23.4	35.0

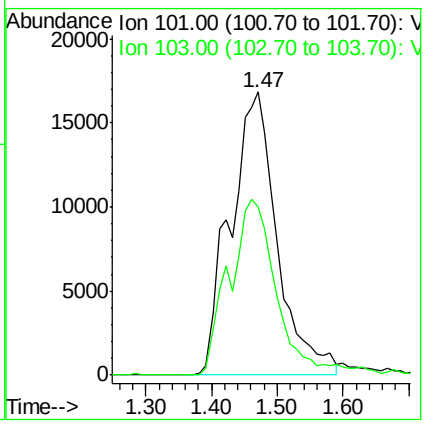




#7
Trichlorofluoromethane
Concen: 18.556 ug/l
RT: 1.47 min Scan# 85
Delta R.T. 0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:101 Resp: 83970

Ion	Ratio	Lower	Upper
101	100		
103	59.5	49.9	74.9



Instrument :
MSVOA_F
ClientSampleId :
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Manual Integrations APPROVED
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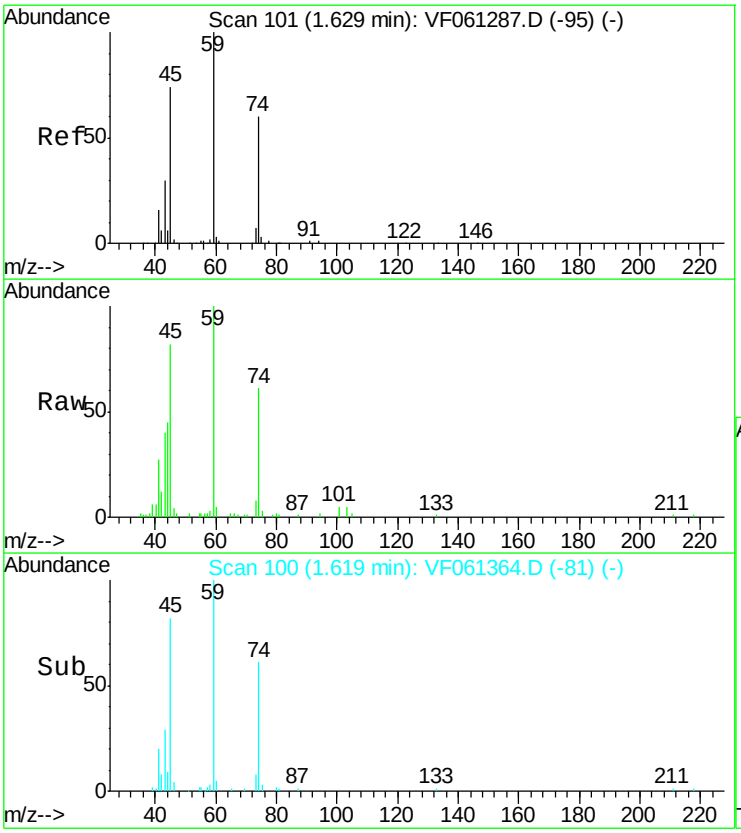
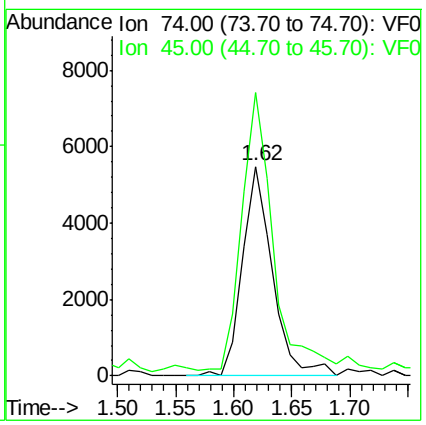
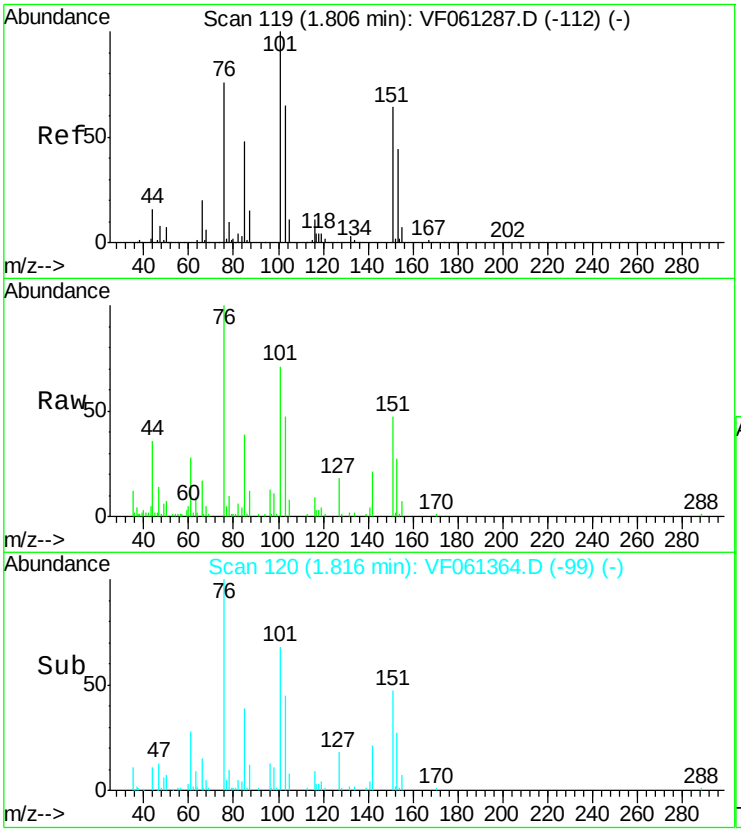


#8
Diethyl Ether
Concen: 14.713 ug/l
RT: 1.62 min Scan# 100
Delta R.T. -0.01 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 74 Resp: 9777

Ion	Ratio	Lower	Upper
74	100		
45	135.2	62.1	186.3

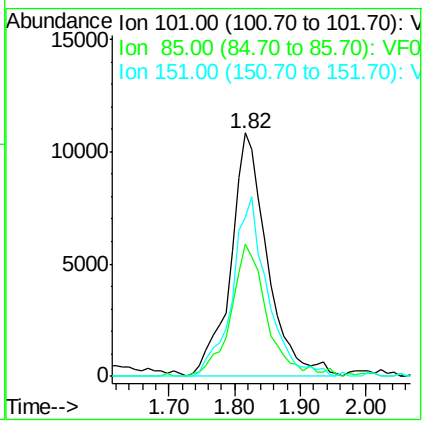




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.731 ug/l
RT: 1.82 min Scan# 120
Delta R.T. 0.01 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:101 Resp: 42368

Ion	Ratio	Lower	Upper
101	100		
85	54.3	38.4	57.6
151	65.6	51.4	77.2



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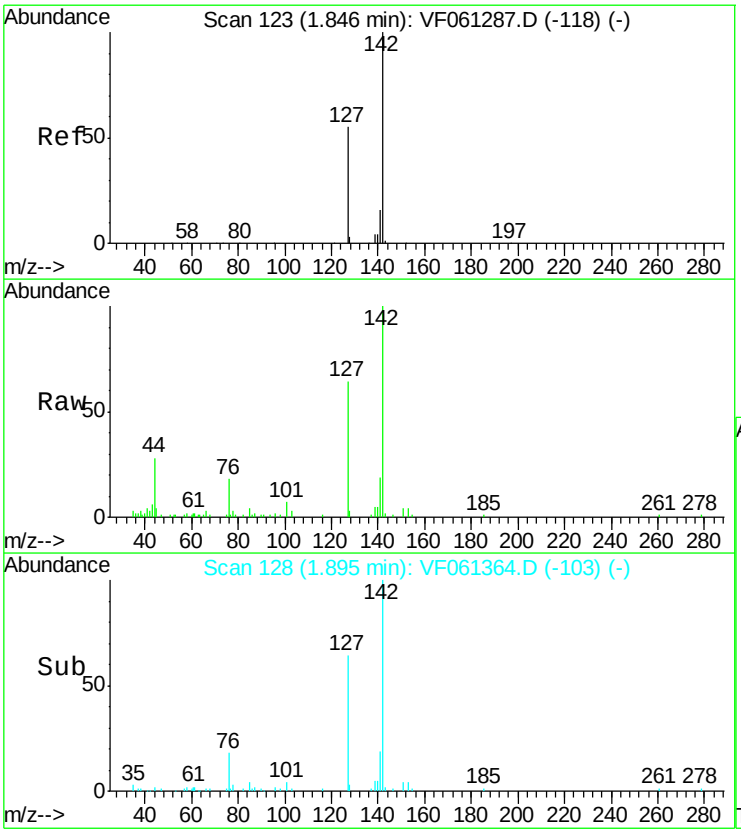
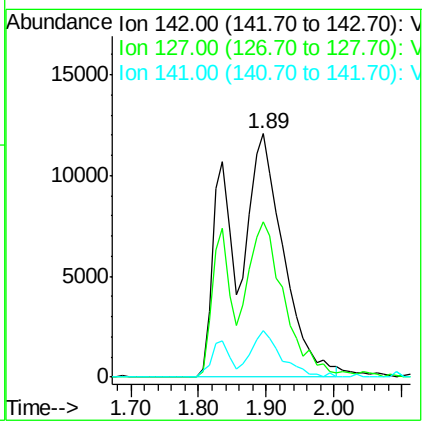
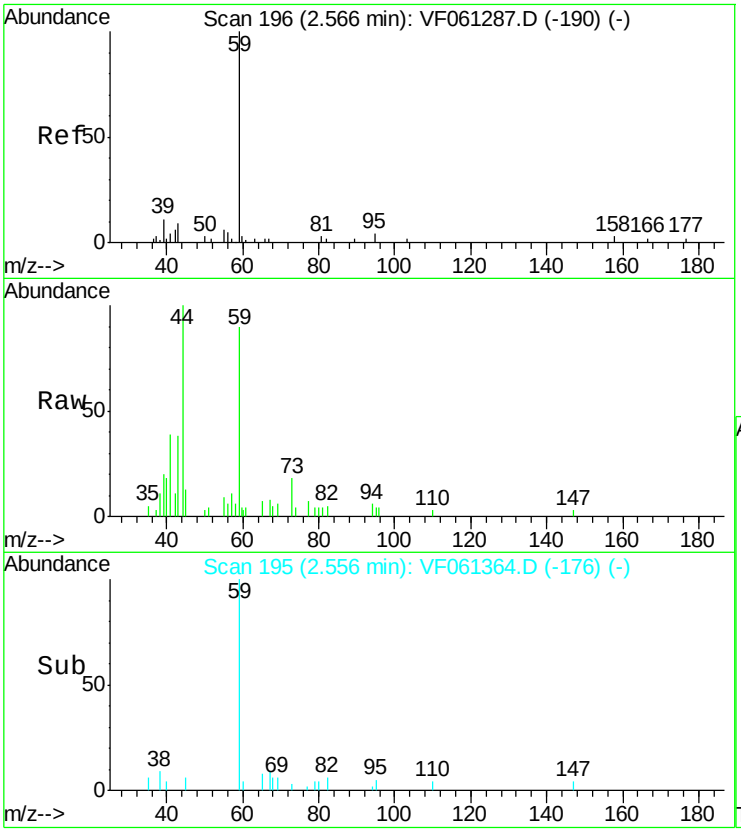


#10
Methyl Iodide
Concen: 17.274 ug/l m
RT: 1.89 min Scan# 128
Delta R.T. 0.05 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:142 Resp: 64665

Ion	Ratio	Lower	Upper
142	100		
127	63.6	44.3	66.5
141	19.3	13.2	19.8

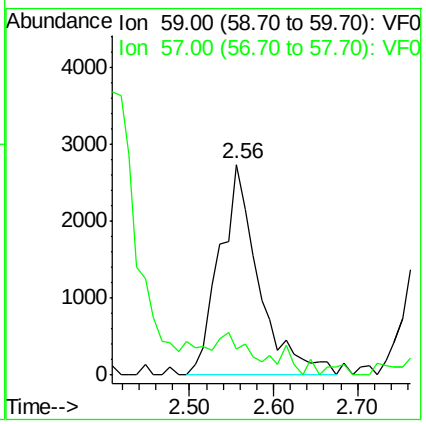




#11
Tert butyl alcohol
Concen: 109.661 ug/l
RT: 2.56 min Scan# 195
Delta R.T. -0.01 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 59 Resp: 8886

Ion	Ratio	Lower	Upper
59	100		
57	12.2	15.1	22.7#



Instrument :
MSVOA_F
ClientSampleId :
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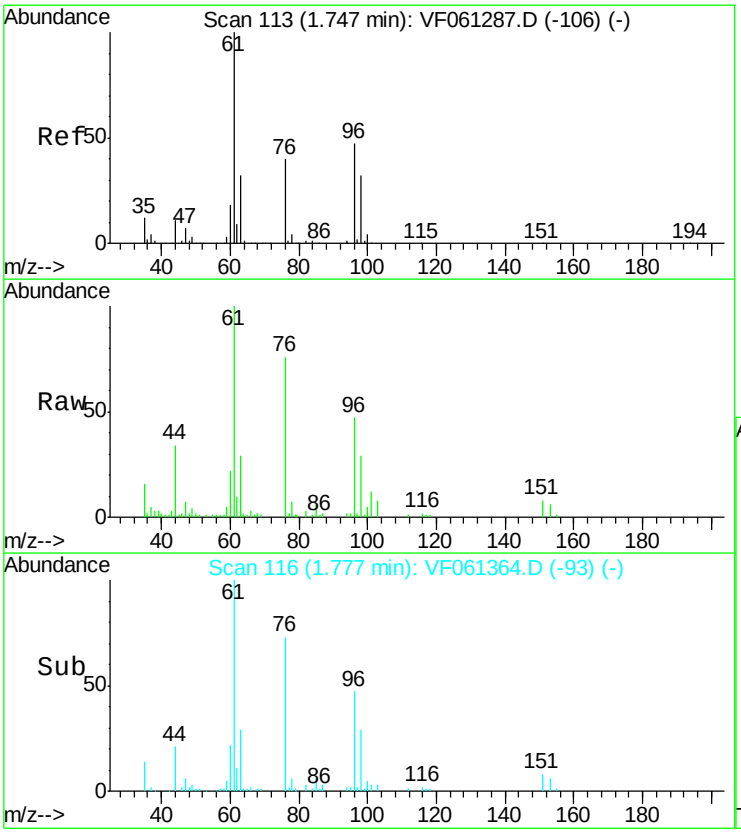
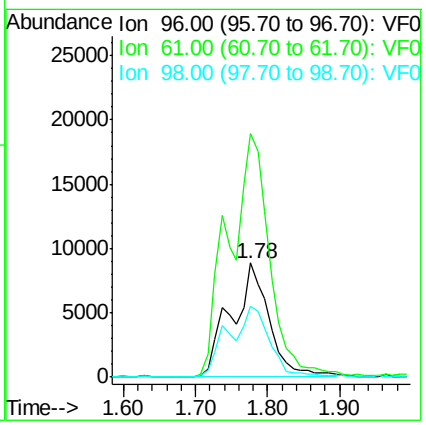
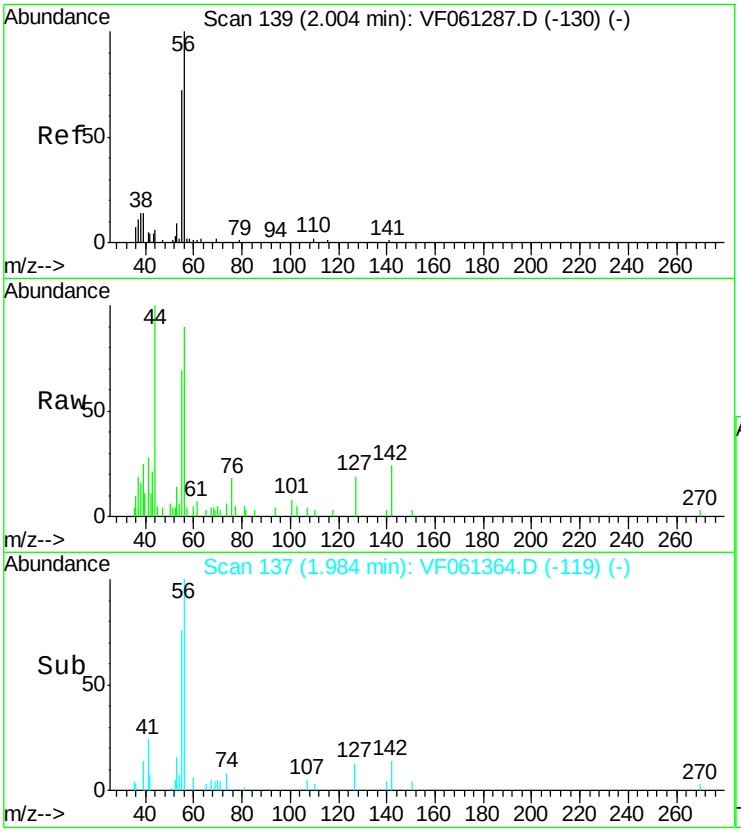


#12
1,1-Dichloroethene
Concen: 17.050 ug/l
RT: 1.78 min Scan# 116
Delta R.T. 0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 96 Resp: 32578

Ion	Ratio	Lower	Upper
96	100		
61	213.9	171.8	257.8
98	61.8	54.2	81.4

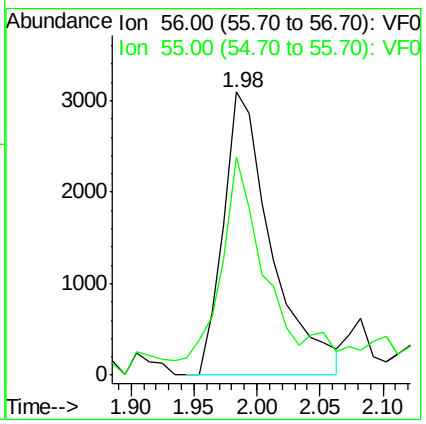




#13
Acrolein
Concen: 78.163 ug/l
RT: 1.98 min Scan# 137
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 56 Resp: 8171

Ion	Ratio	Lower	Upper
56	100		
55	76.9	59.4	89.0



Instrument :
MSVOA_F
ClientSampleId :
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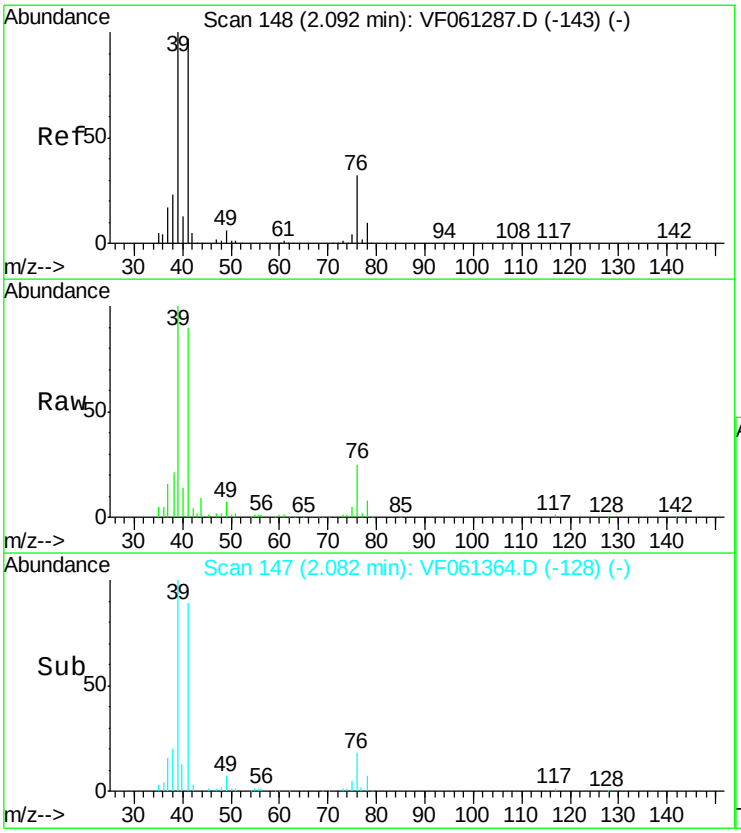
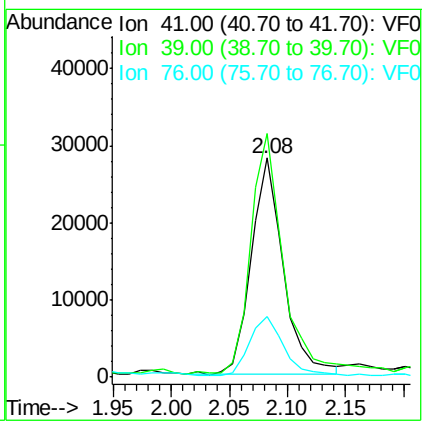
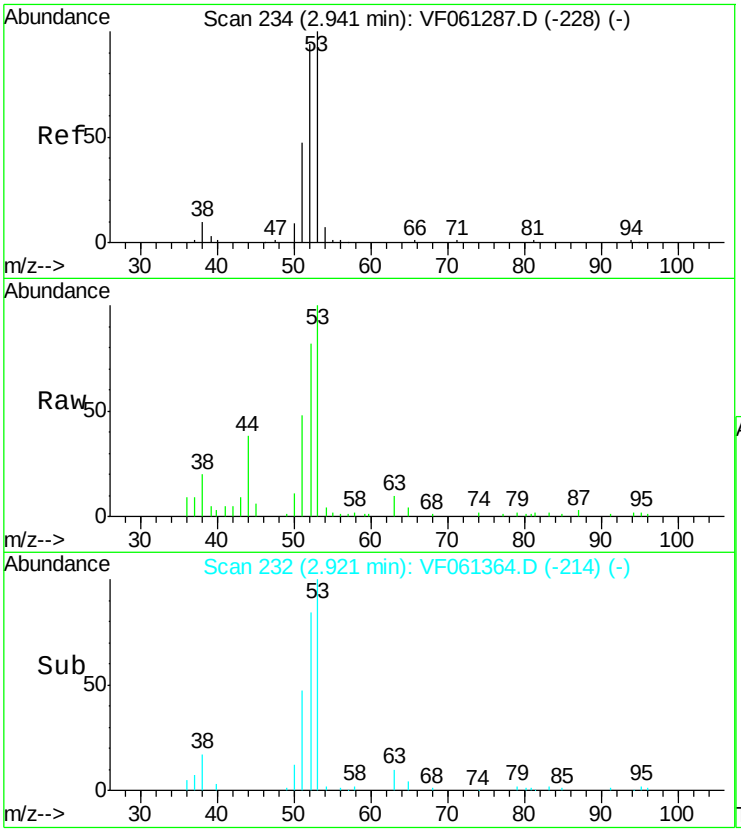


#14
Allyl chloride
Concen: 15.314 ug/l
RT: 2.08 min Scan# 147
Delta R.T. -0.01 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 41 Resp: 53486

Ion	Ratio	Lower	Upper
41	100		
39	111.3	82.6	123.8
76	27.9	26.9	40.3

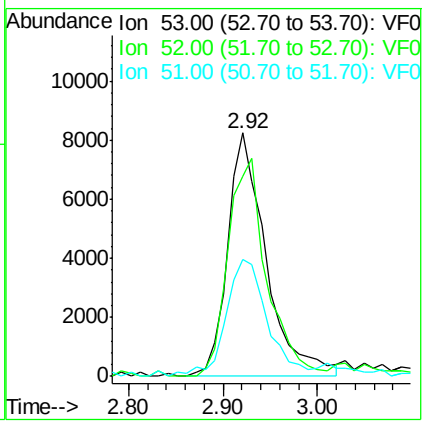




#15
Acrylonitrile
Concen: 81.391 ug/l
RT: 2.92 min Scan# 232
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 53 Resp: 23380

Ion	Ratio	Lower	Upper
53	100		
52	82.0	74.6	111.8
51	47.8	37.8	56.6



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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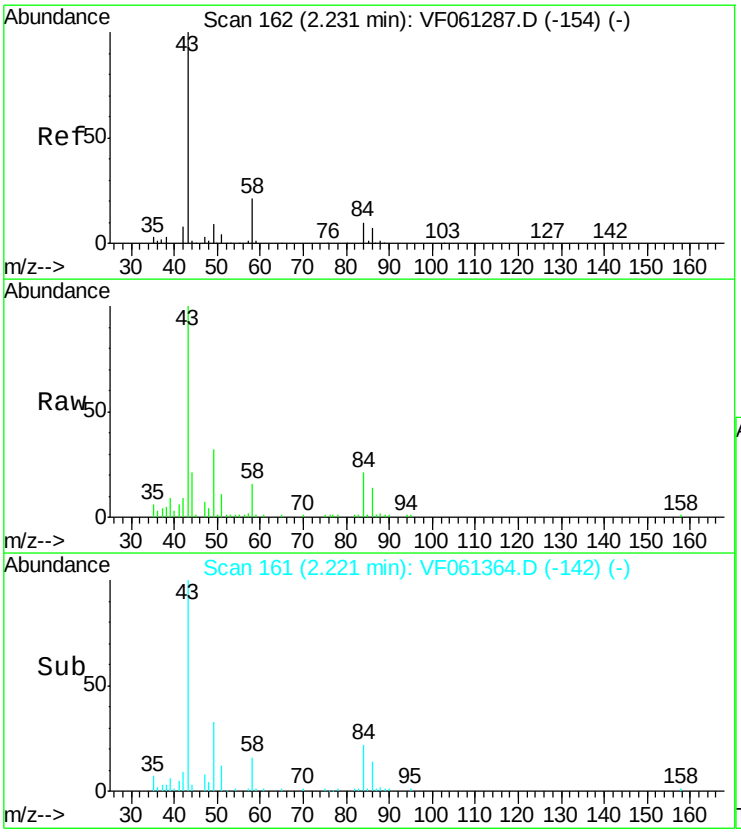
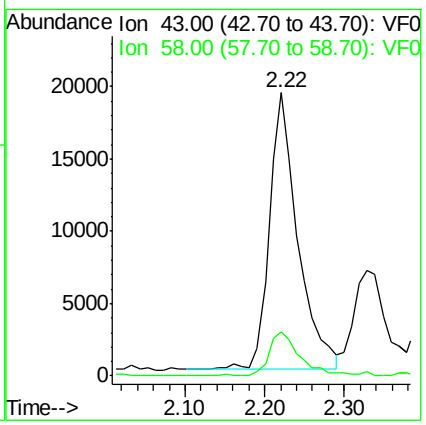
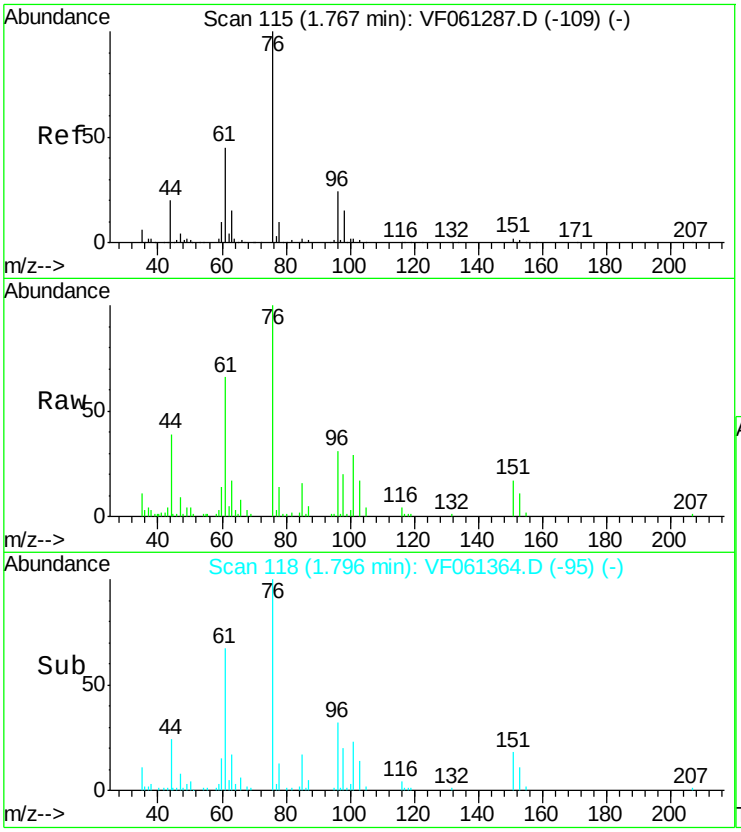


#16
Acetone
Concen: 100.665 ug/l
RT: 2.22 min Scan# 161
Delta R.T. -0.01 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 43 Resp: 47393

Ion	Ratio	Lower	Upper
43	100		
58	15.5	16.6	25.0#





#17
Carbon Disulfide
Concen: 15.530 ug/l
RT: 1.80 min Scan# 118
Delta R.T. 0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 76 Resp: 98011

Ion	Ratio	Lower	Upper
76	100		
78	13.7	7.8	11.6#

Instrument :
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ClientSampleId :
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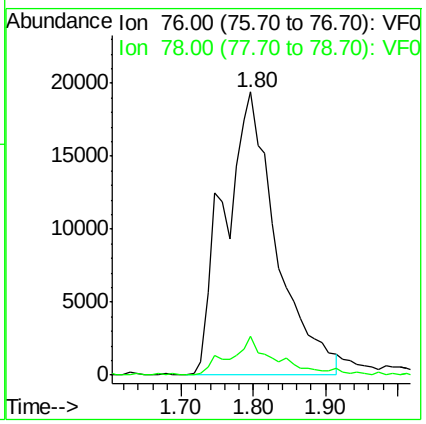
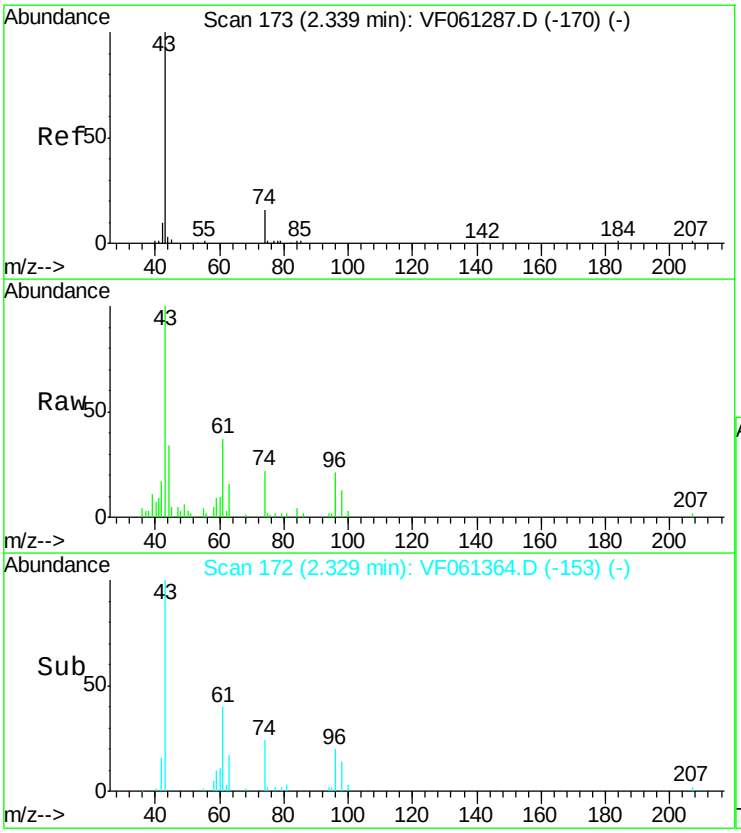
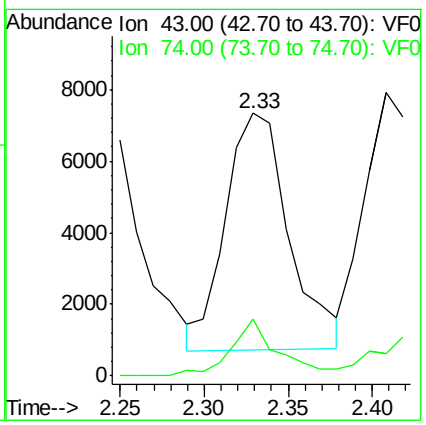


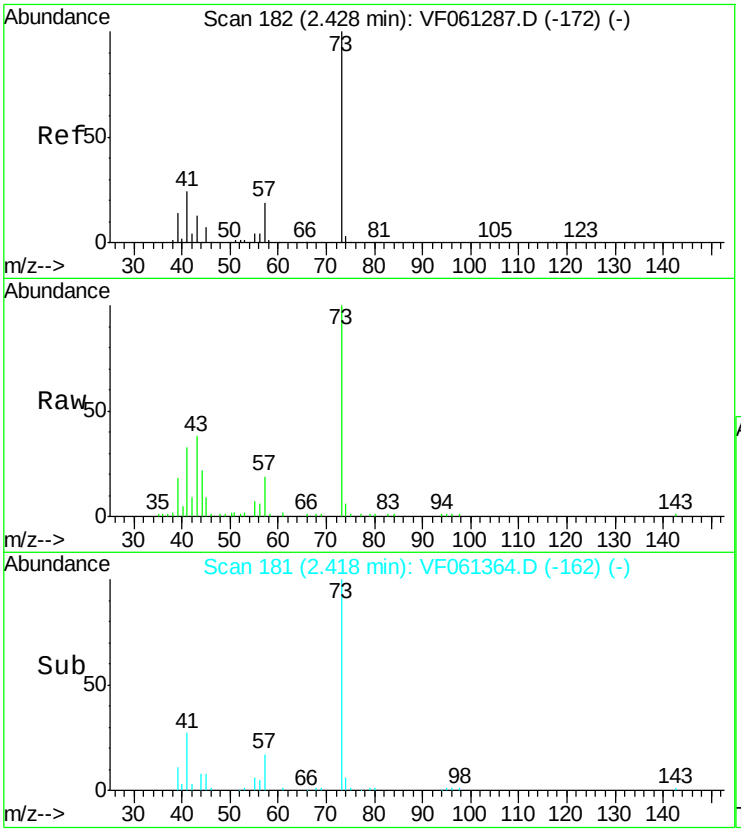


#18
Methyl Acetate
Concen: 18.718 ug/l
RT: 2.33 min Scan# 172
Delta R.T. -0.01 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 43 Resp: 17338

Ion	Ratio	Lower	Upper
43	100		
74	21.8	11.6	17.4#

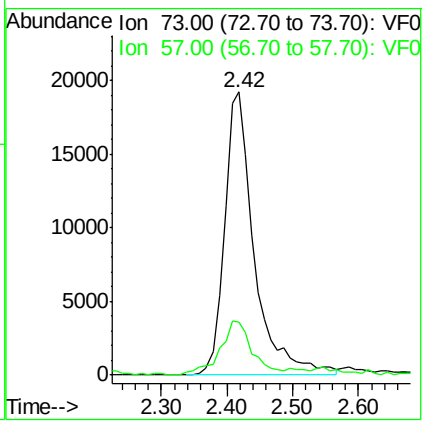




#19
Methyl tert-butyl Ether
Concen: 16.605 ug/l
RT: 2.42 min Scan# 181
Delta R.T. -0.01 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 73 Resp: 60459

Ion	Ratio	Lower	Upper
73	100		
57	18.9	15.5	23.3



Instrument :
MSVOA_F
ClientSampleId :
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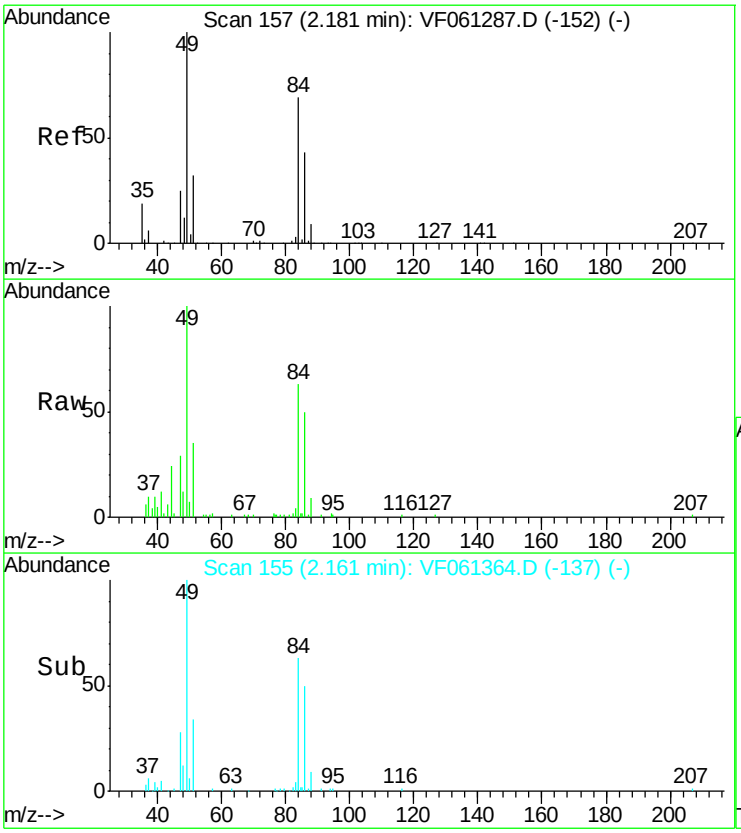
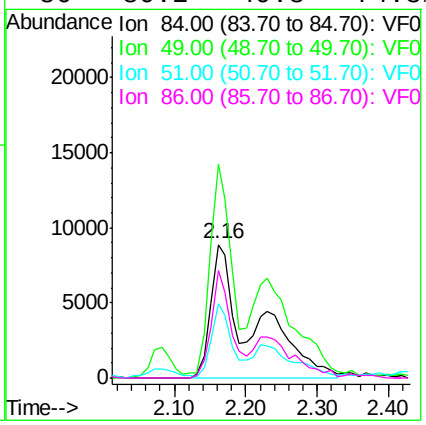
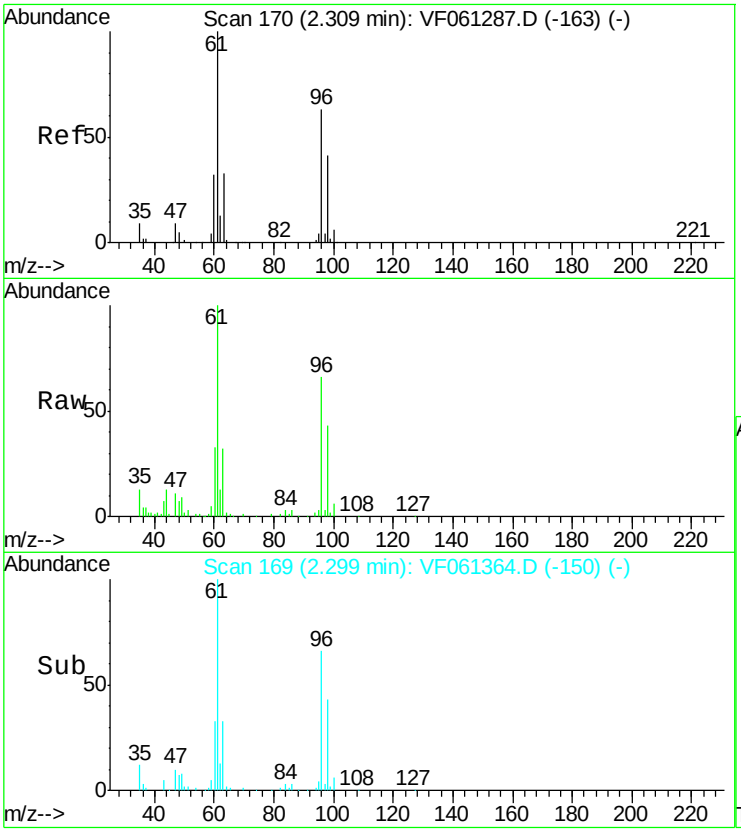


#20
Methylene Chloride
Concen: 18.077 ug/l m
RT: 2.16 min Scan# 155
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 84 Resp: 36004

Ion	Ratio	Lower	Upper
84	100		
49	159.7	116.6	175.0
51	55.9	37.7	56.5
86	80.2	49.8	74.8#

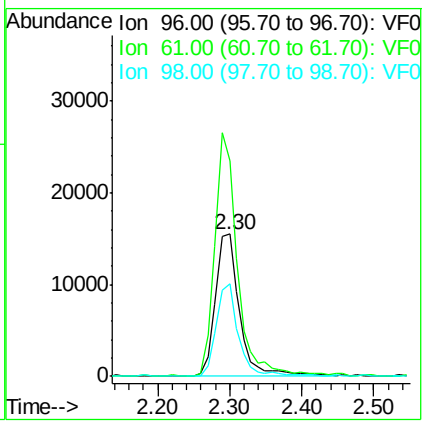




#21
trans-1,2-Dichloroethene
Concen: 17.823 ug/l
RT: 2.30 min Scan# 169
Delta R.T. -0.01 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 96 Resp: 36086

Ion	Ratio	Lower	Upper
96	100		
61	152.2	127.0	190.4
98	65.0	51.7	77.5



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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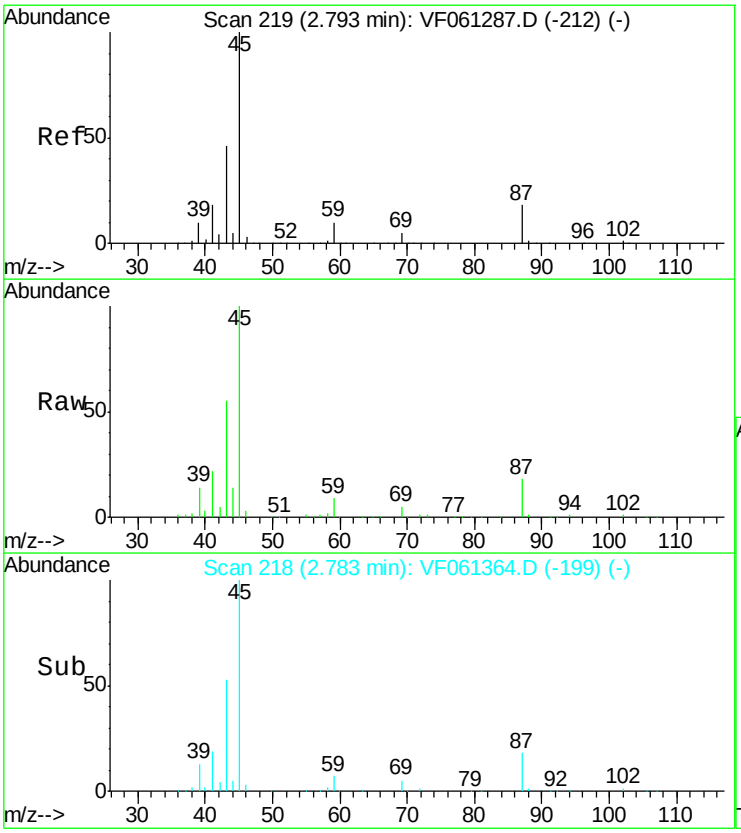
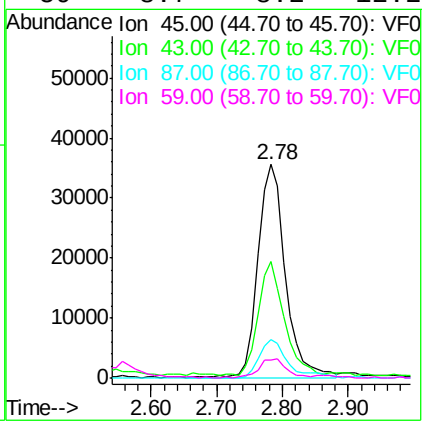
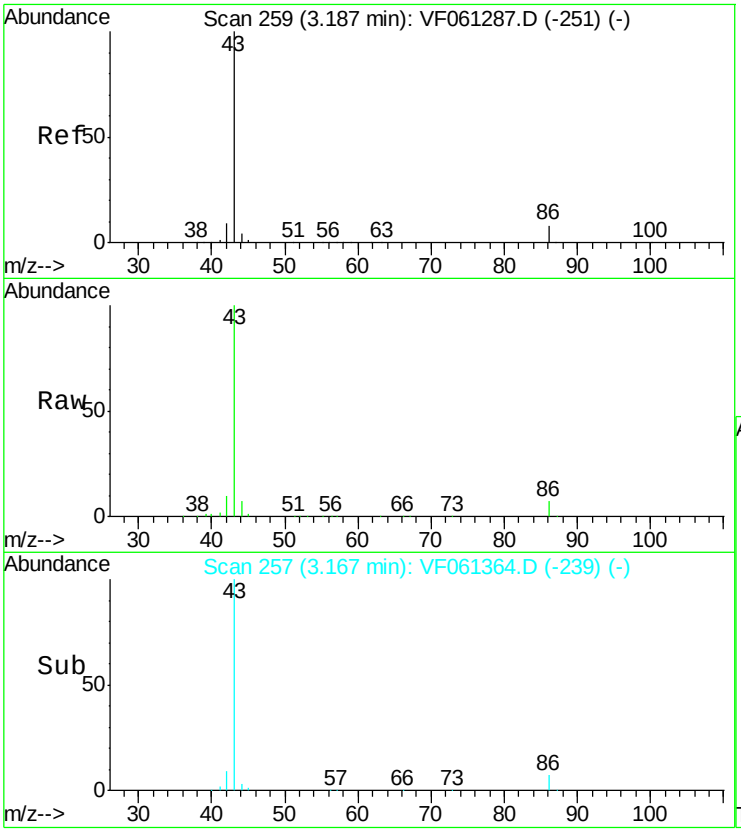


#22
Diisopropyl ether
Concen: 15.502 ug/l
RT: 2.78 min Scan# 218
Delta R.T. -0.01 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 45 Resp: 104744

Ion	Ratio	Lower	Upper
45	100		
43	54.7	37.4	56.2
87	18.1	14.2	21.2
59	8.7	8.2	12.2

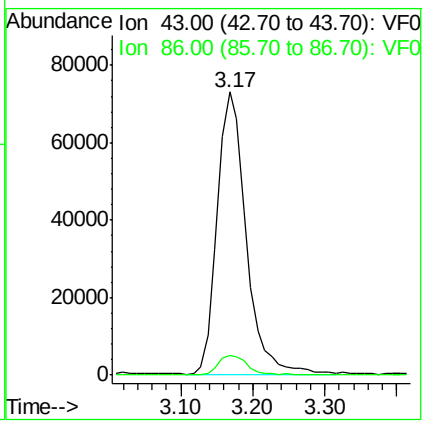




#23
Vinyl Acetate
Concen: 102.461 ug/l
RT: 3.17 min Scan# 257
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 43 Resp: 202464

Ion	Ratio	Lower	Upper
43	100		
86	7.1	6.5	9.7



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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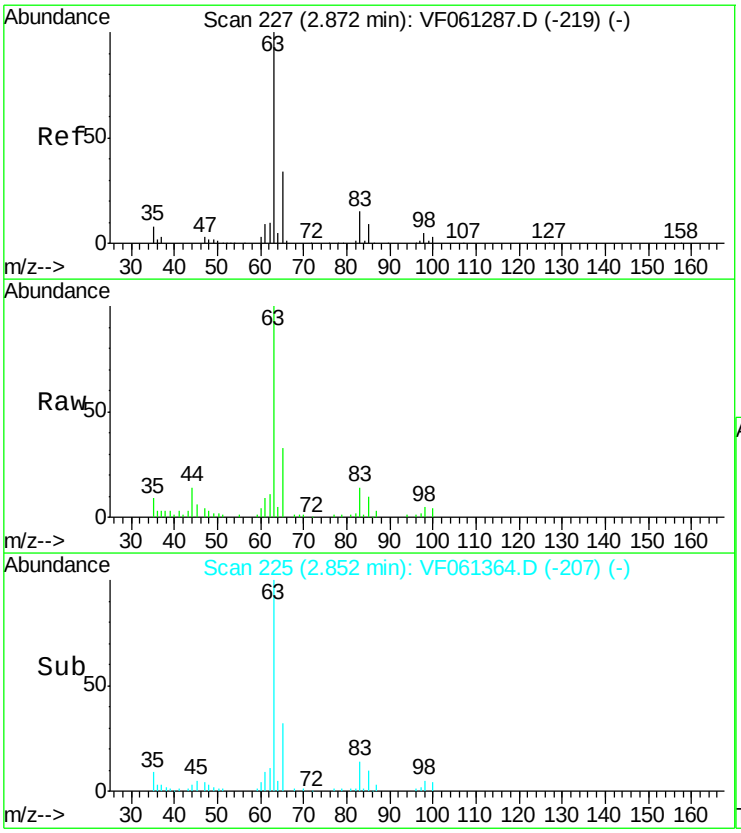
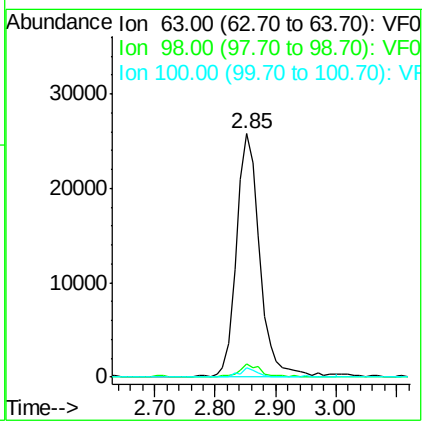
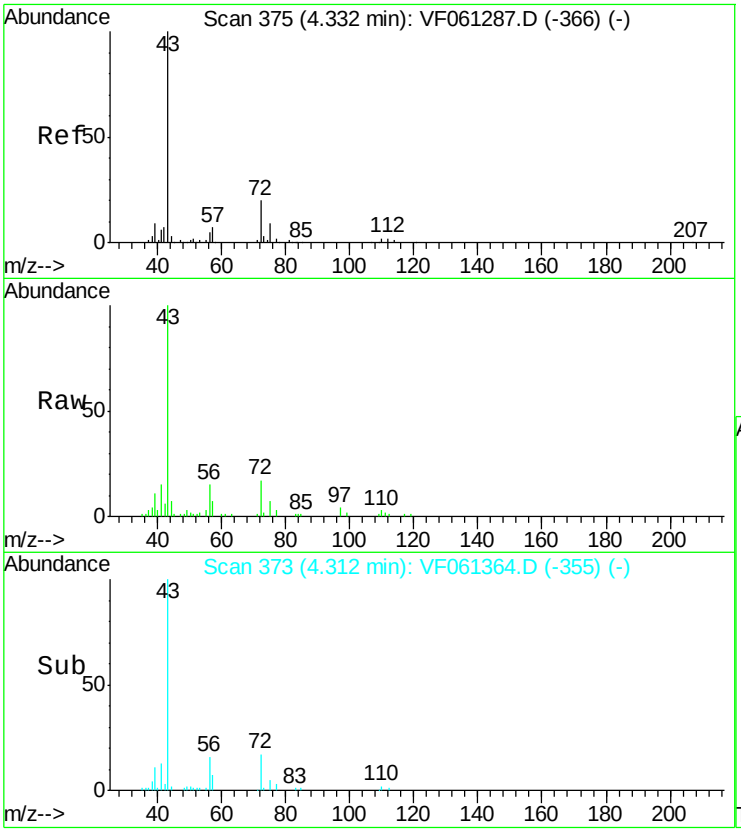


#24
1,1-Dichloroethane
Concen: 17.718 ug/l
RT: 2.85 min Scan# 225
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 63 Resp: 69252

Ion	Ratio	Lower	Upper
63	100		
98	5.3	2.5	7.6
100	3.8	1.7	5.0

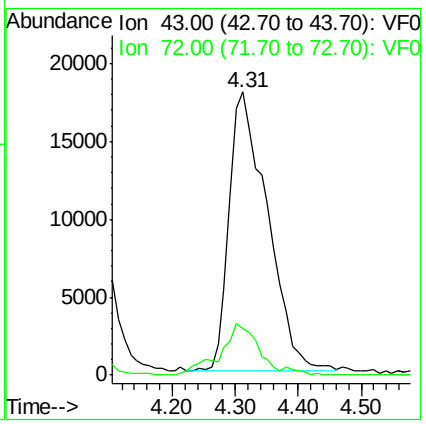




#25
2-Butanone
Concen: 99.559 ug/l
RT: 4.31 min Scan# 373
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 43 Resp: 75440

Ion	Ratio	Lower	Upper
43	100		
72	16.6	16.5	24.7



Instrument :
MSVOA_F
ClientSampleId :
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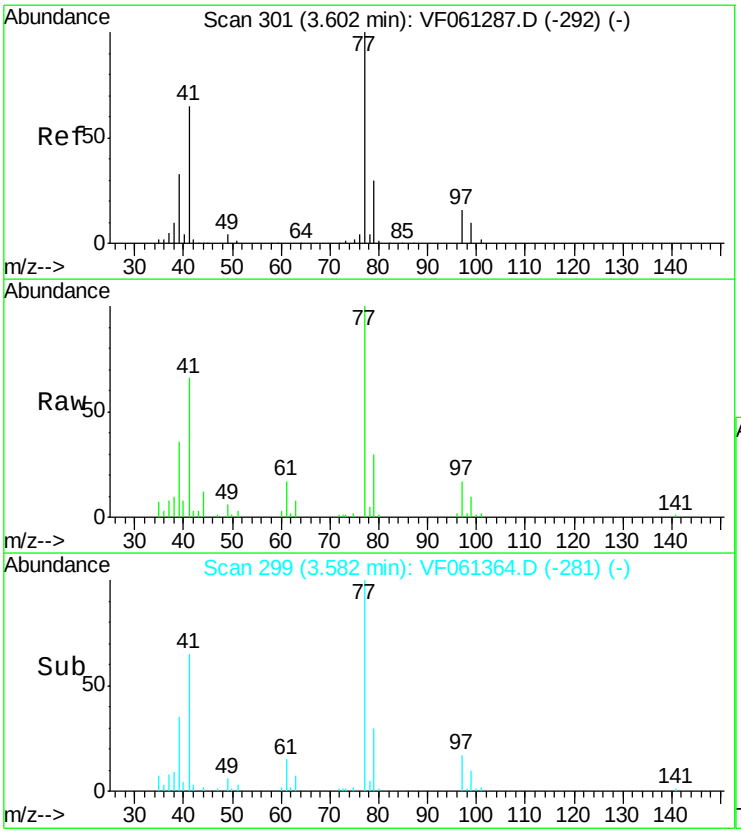
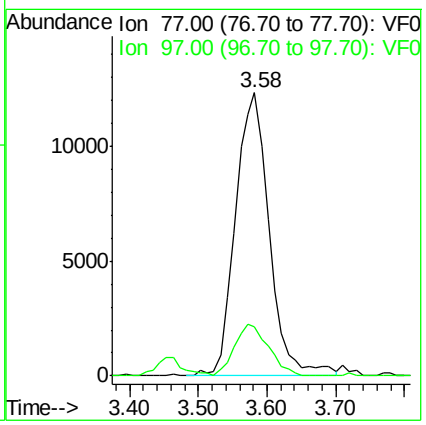
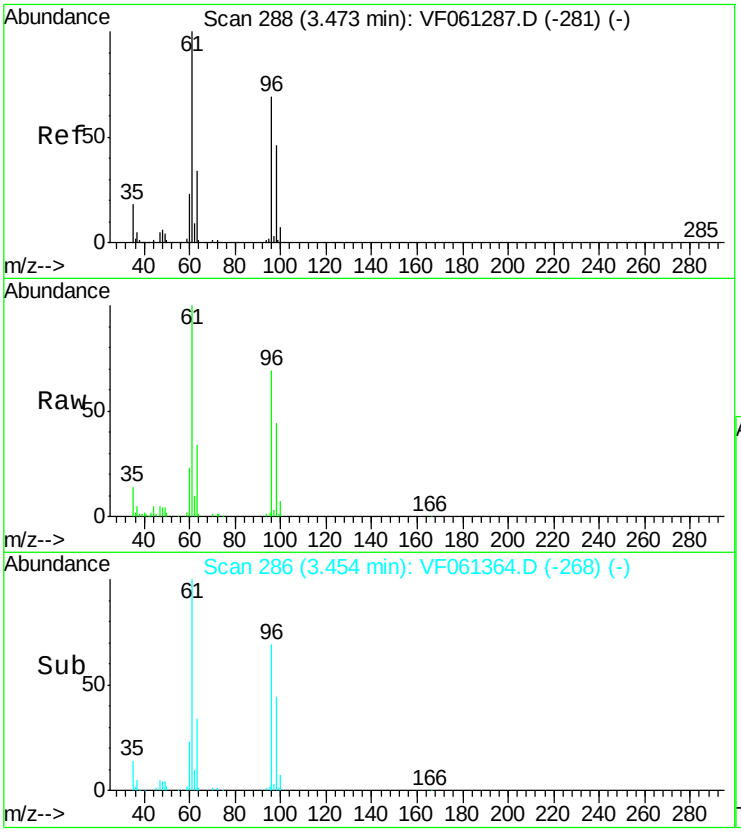


#26
2,2-Dichloropropane
Concen: 16.078 ug/l
RT: 3.58 min Scan# 299
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 77 Resp: 41992

Ion	Ratio	Lower	Upper
77	100		
97	17.4	8.6	25.9

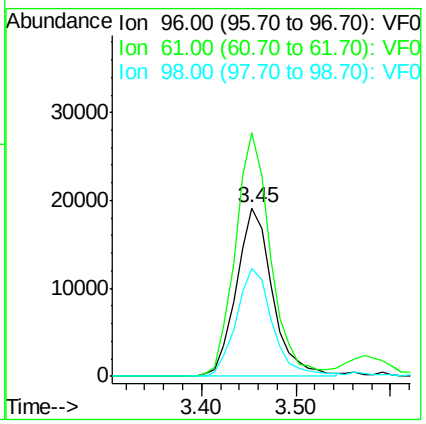




#27
cis-1,2-Dichloroethene
Concen: 17.941 ug/l
RT: 3.45 min Scan# 286
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 96 Resp: 50718

Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	288.2
98	64.0	0.0	132.2



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

Manual Integrations APPROVED
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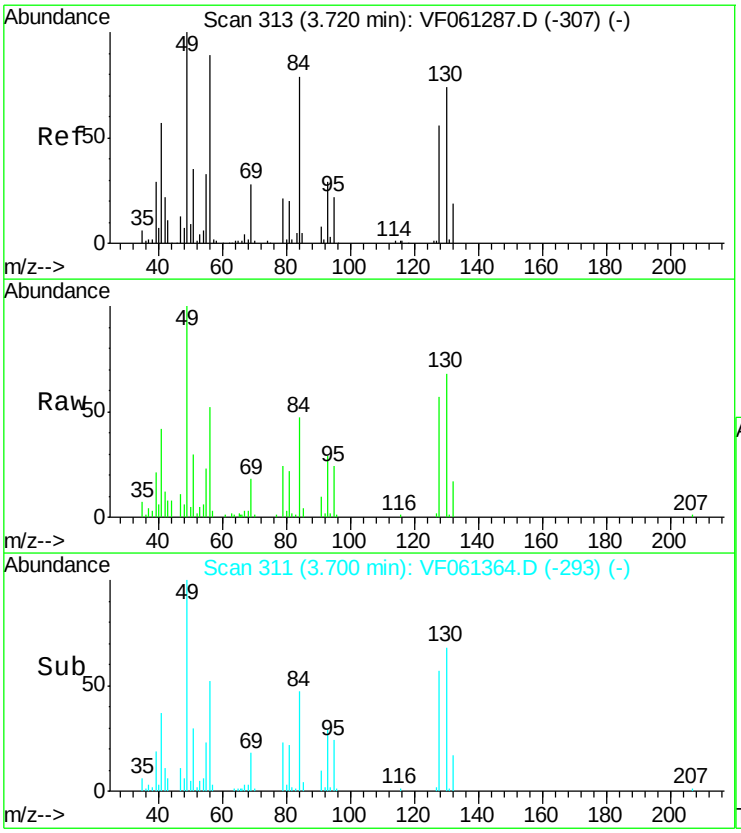
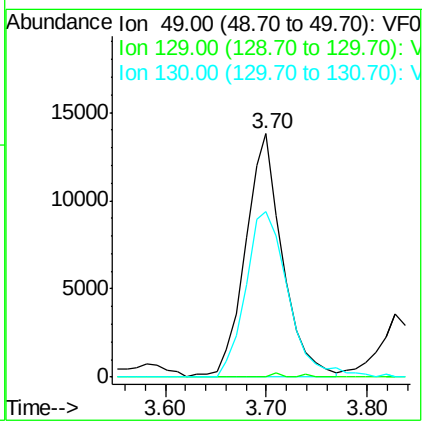
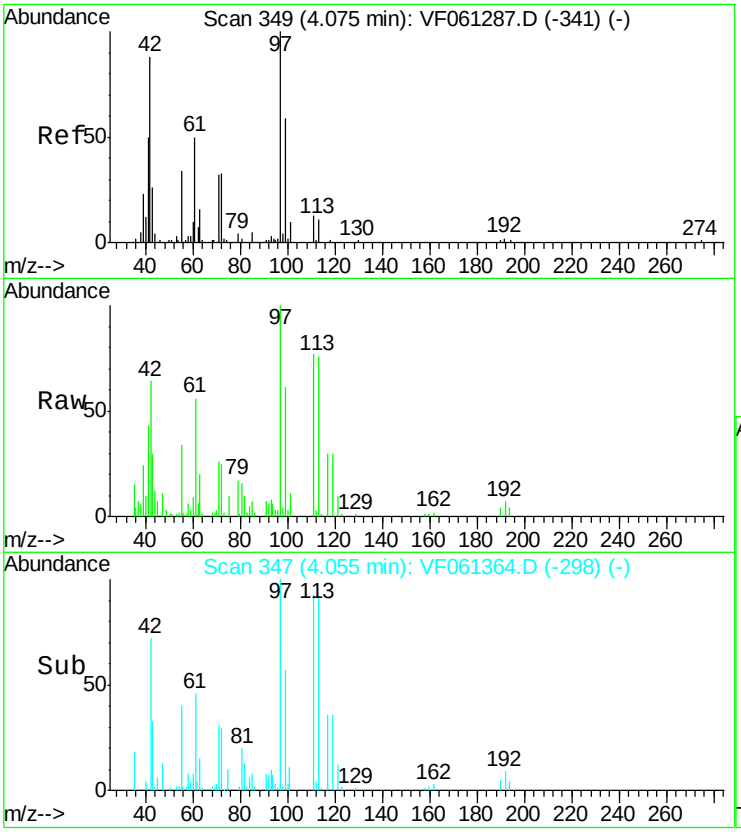


#28
Bromochloromethane
Concen: 20.463 ug/l
RT: 3.70 min Scan# 311
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 49 Resp: 35264

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	67.8	58.6	88.0

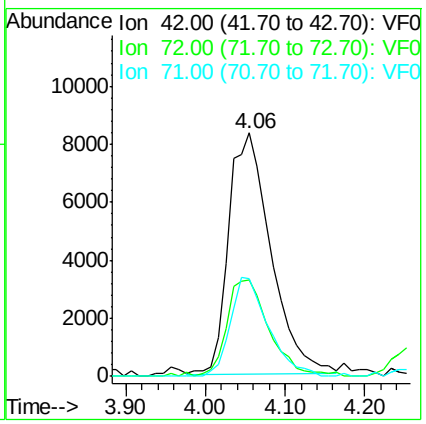




#29
Tetrahydrofuran
Concen: 96.973 ug/l
RT: 4.06 min Scan# 347
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 42 Resp: 30723

Ion	Ratio	Lower	Upper
42	100		
72	40.4	32.3	48.5
71	36.7	29.5	44.3



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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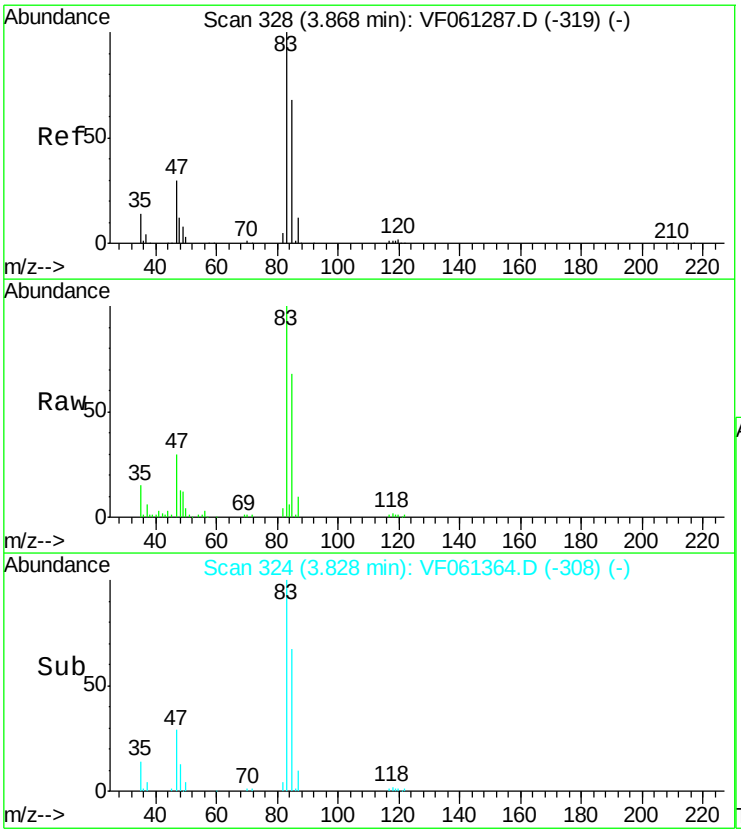
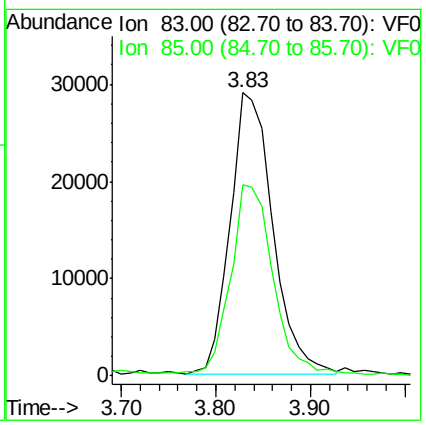
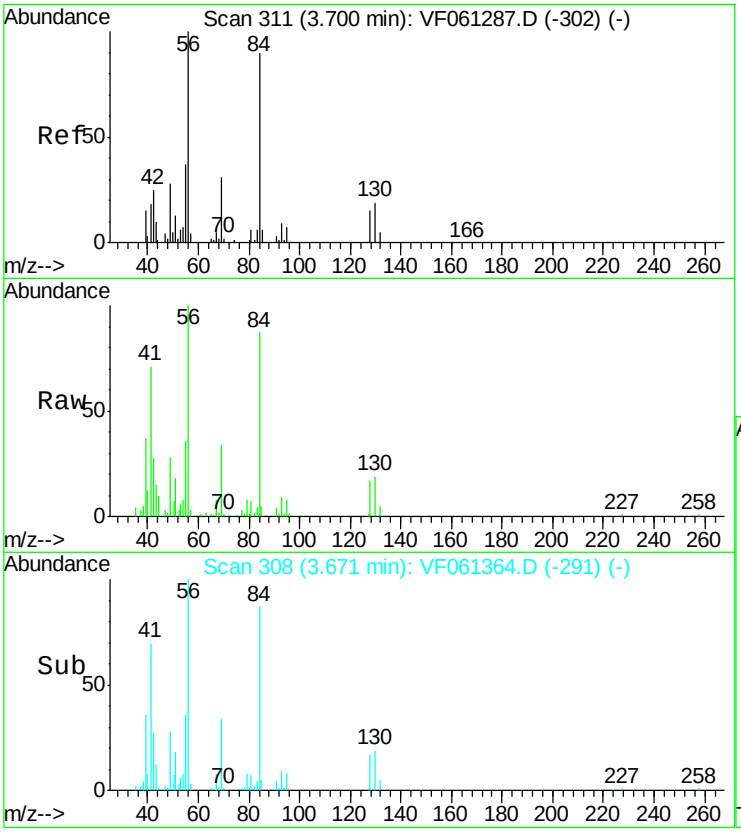


#30
Chloroform
Concen: 18.266 ug/l
RT: 3.83 min Scan# 324
Delta R.T. -0.04 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 83 Resp: 90628

Ion	Ratio	Lower	Upper
83	100		
85	67.7	54.4	81.6

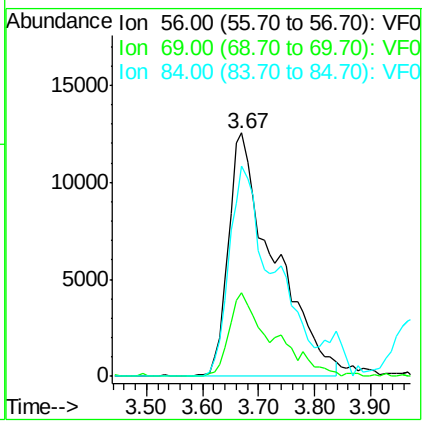




#31
Cyclohexane
Concen: 17.246 ug/l
RT: 3.67 min Scan# 308
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 56 Resp: 70715

Ion	Ratio	Lower	Upper
56	100		
69	34.1	24.7	37.1
84	86.6	72.2	108.4



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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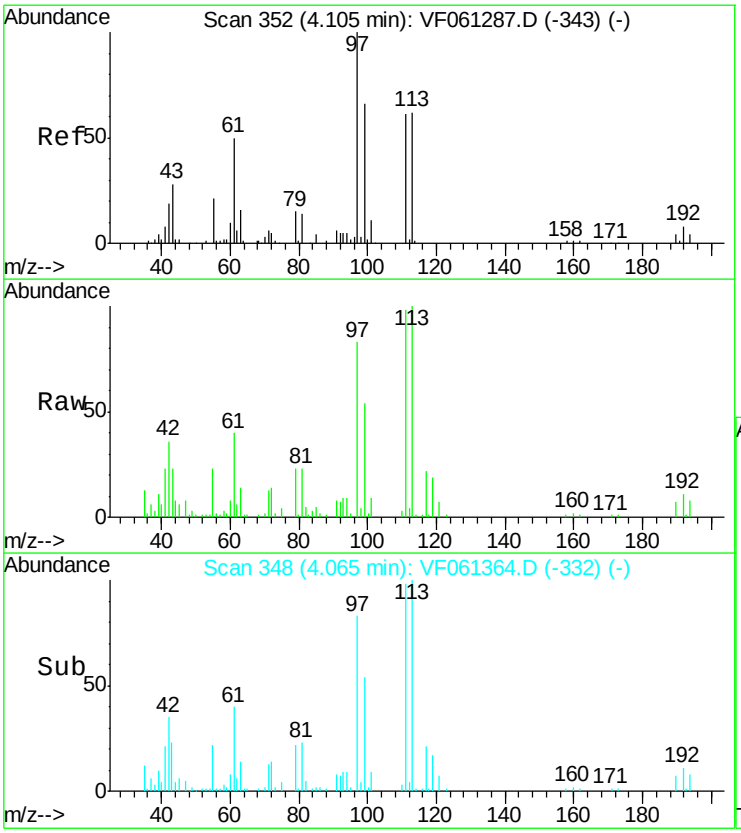
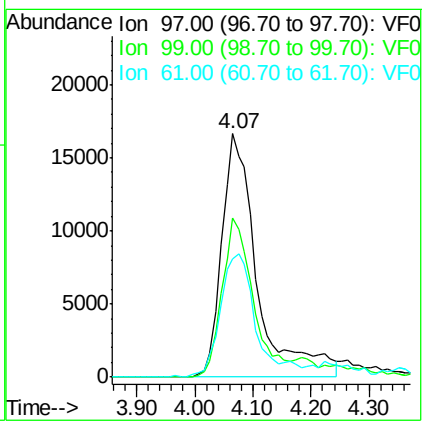
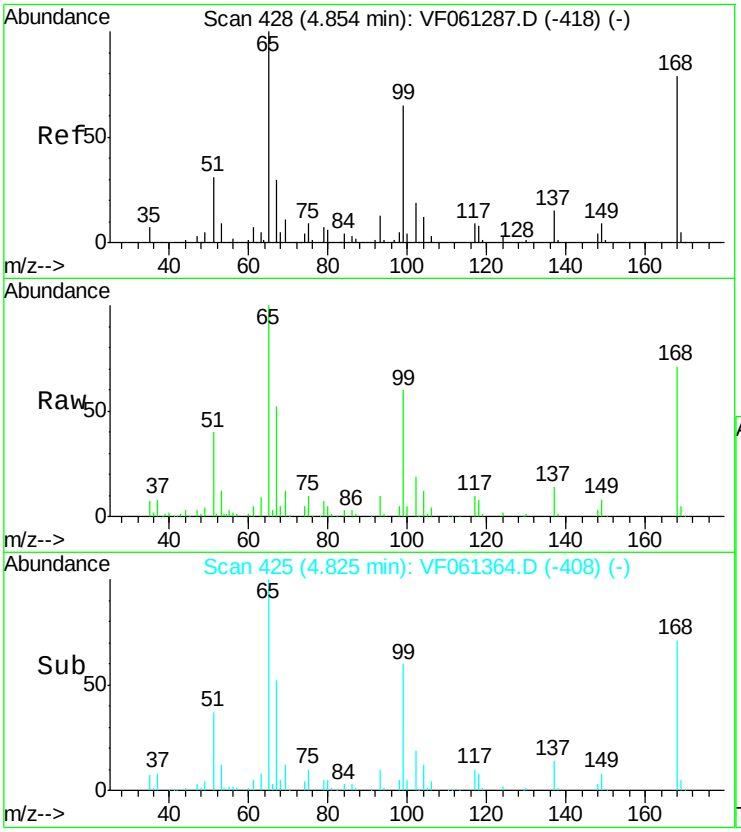


#32
1,1,1-Trichloroethane
Concen: 17.624 ug/l
RT: 4.07 min Scan# 348
Delta R.T. -0.04 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 97 Resp: 70630

Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.7	79.1
61	48.4	40.8	61.2

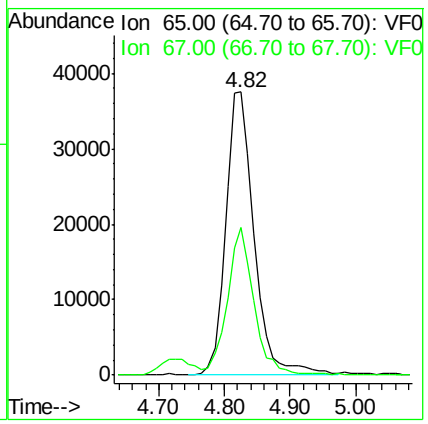




#33
1,2-Dichloroethane-d4
Concen: 55.997 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 65 Resp: 113330

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	98.2



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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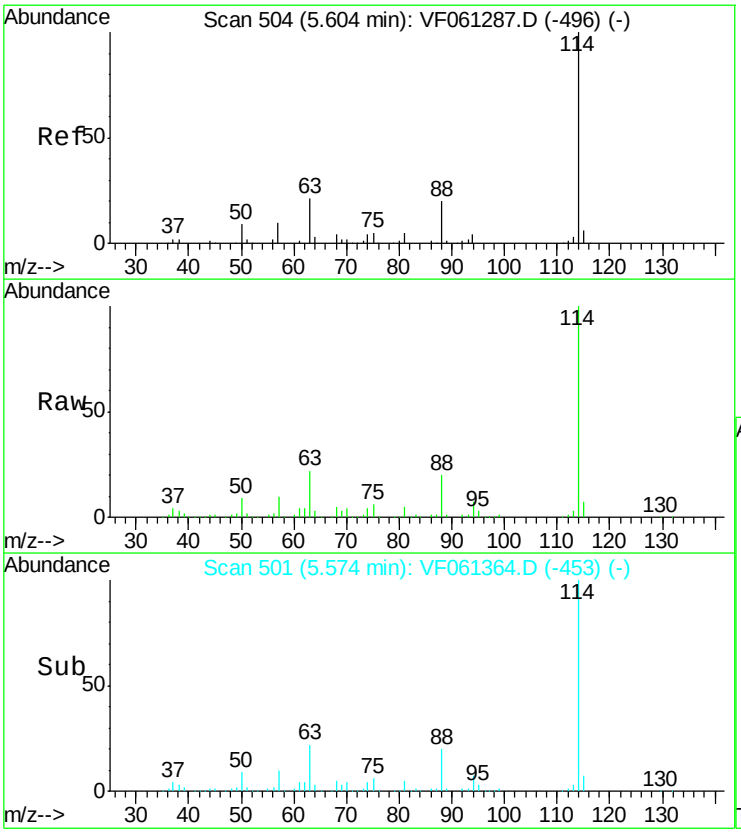
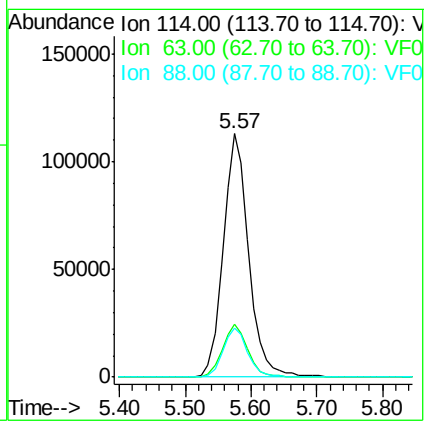
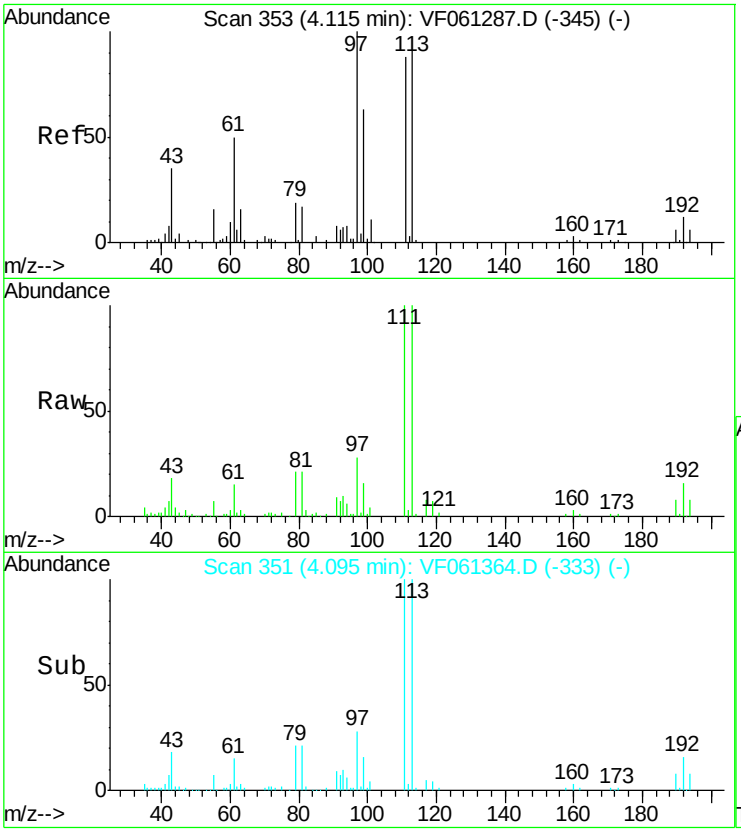


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:114 Resp: 304554

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	42.8
88	20.3	0.0	40.0

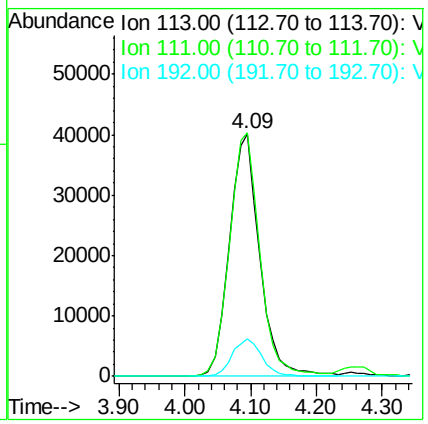




#35
Dibromofluoromethane
Concen: 55.320 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:113 Resp: 128914

Ion	Ratio	Lower	Upper
113	100		
111	100.3	78.0	117.0
192	16.1	10.6	16.0#



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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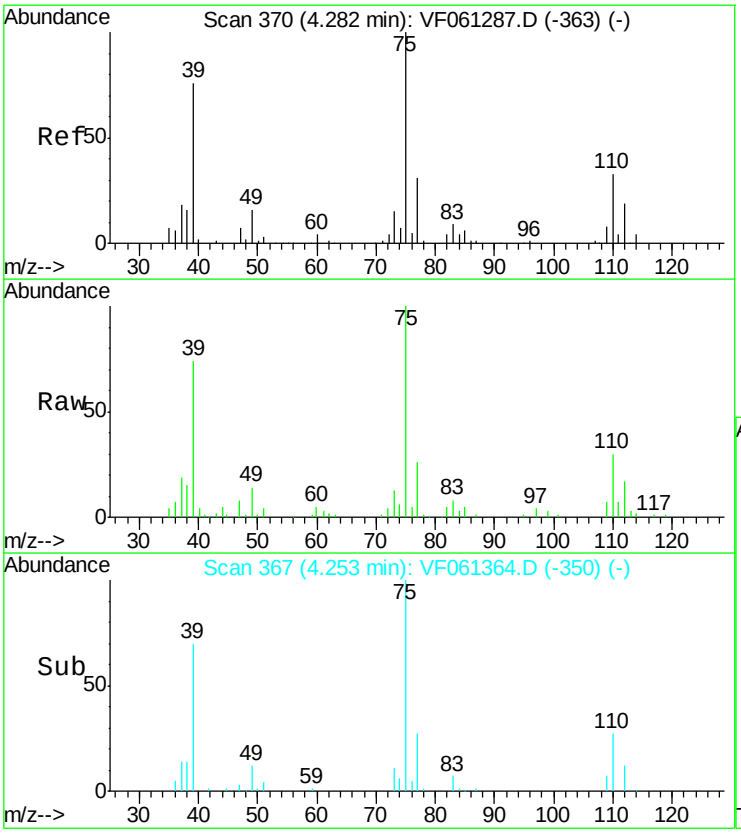
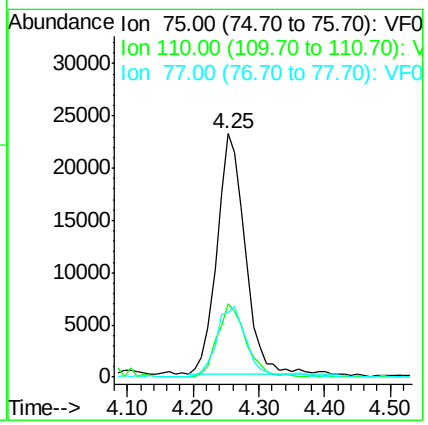
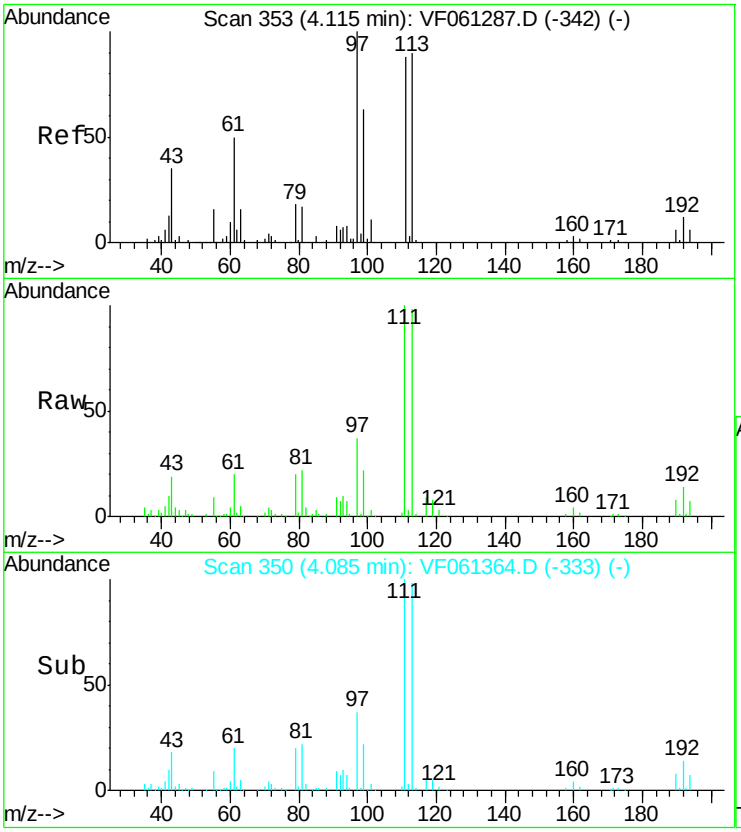


#36
1,1-Dichloropropene
Concen: 19.469 ug/l
RT: 4.25 min Scan# 367
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 75 Resp: 69241

Ion	Ratio	Lower	Upper
75	100		
110	30.1	16.6	49.8
77	26.2	25.1	37.7

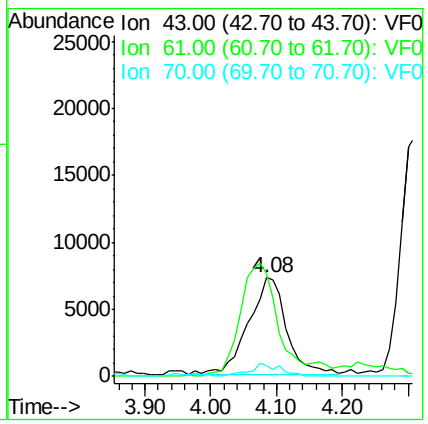




#37
Ethyl Acetate
Concen: 22.602 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 43 Resp: 29272

Ion	Ratio	Lower	Upper
43	100		
61	104.6	113.3	169.9#
70	10.2	9.4	14.0



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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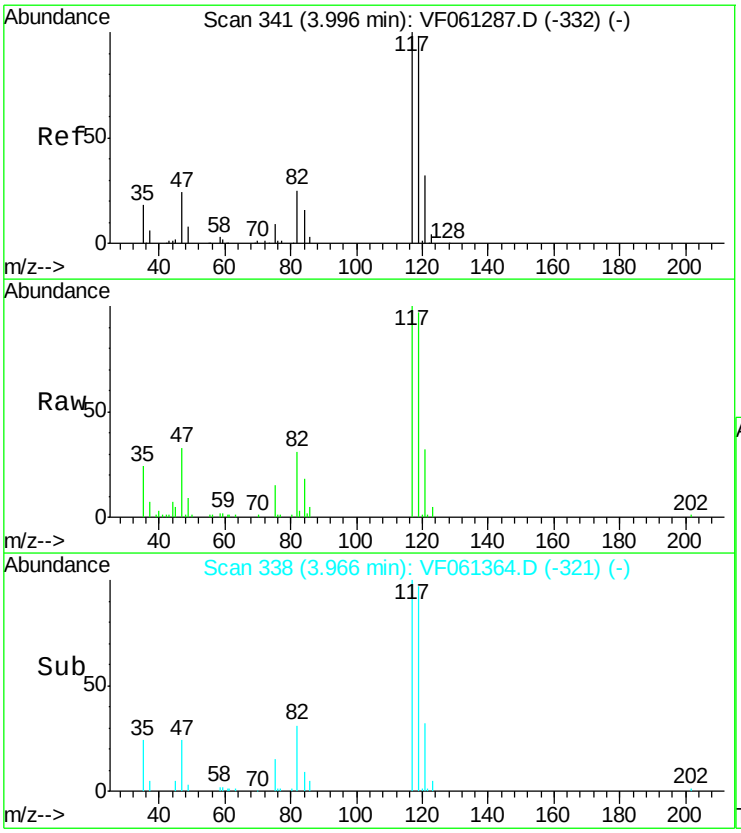
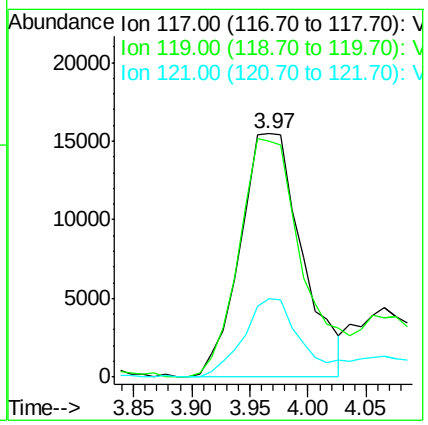
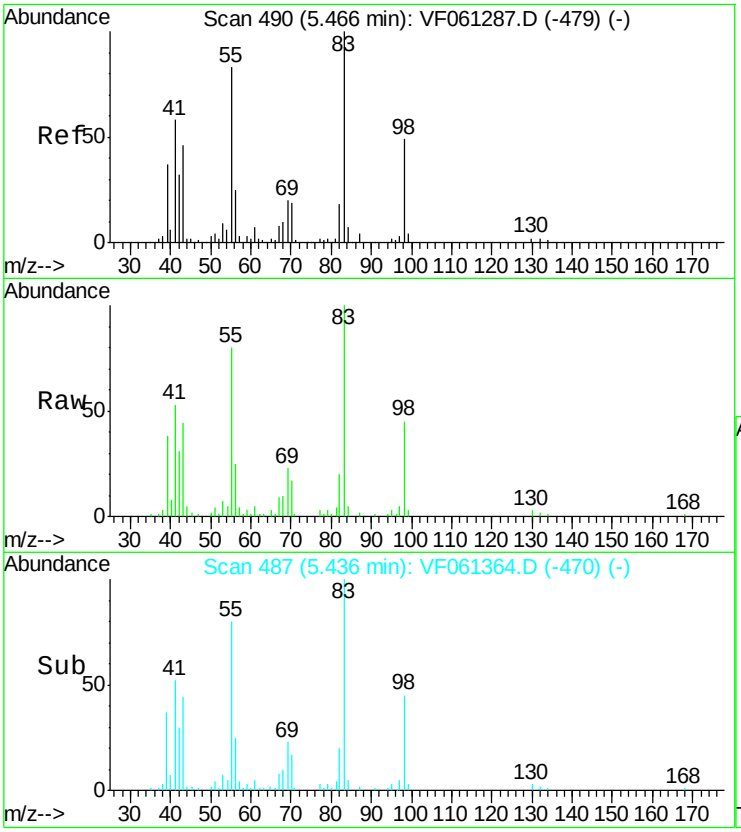


#38
Carbon Tetrachloride
Concen: 16.946 ug/l
RT: 3.97 min Scan# 338
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:117 Resp: 57081

Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.5	117.7
121	33.2	25.3	37.9

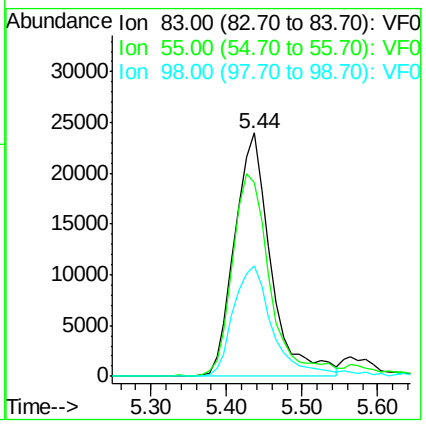




#39
Methylcyclohexane
Concen: 17.903 ug/l
RT: 5.44 min Scan# 487
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 83 Resp: 79670

Ion	Ratio	Lower	Upper
83	100		
55	79.6	66.4	99.6
98	45.4	39.1	58.7



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

Manual Integrations APPROVED
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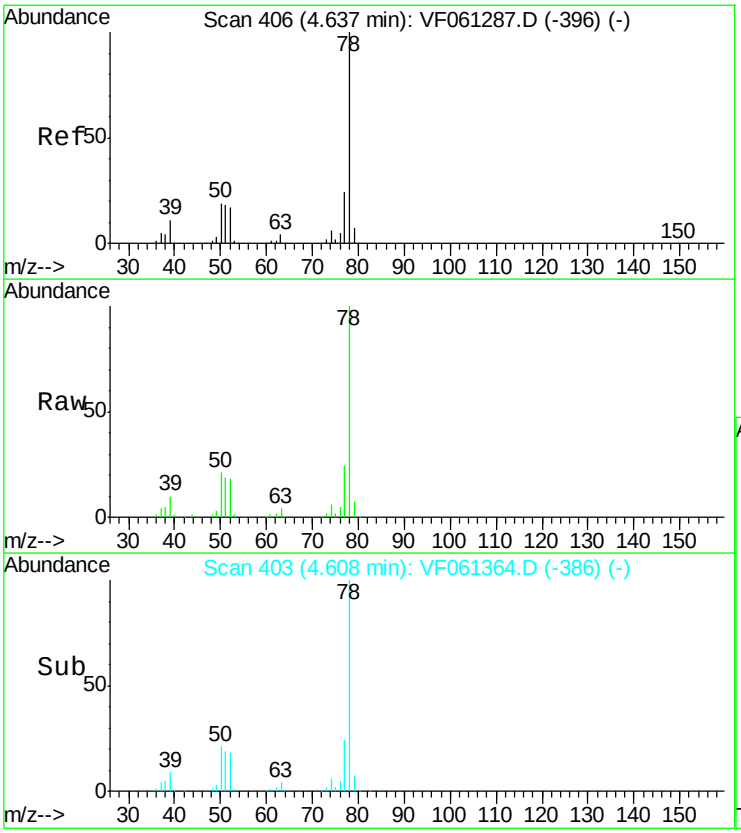
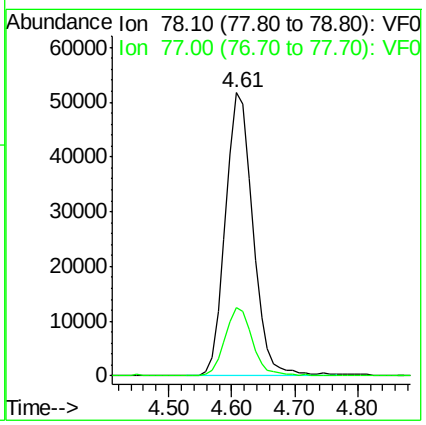
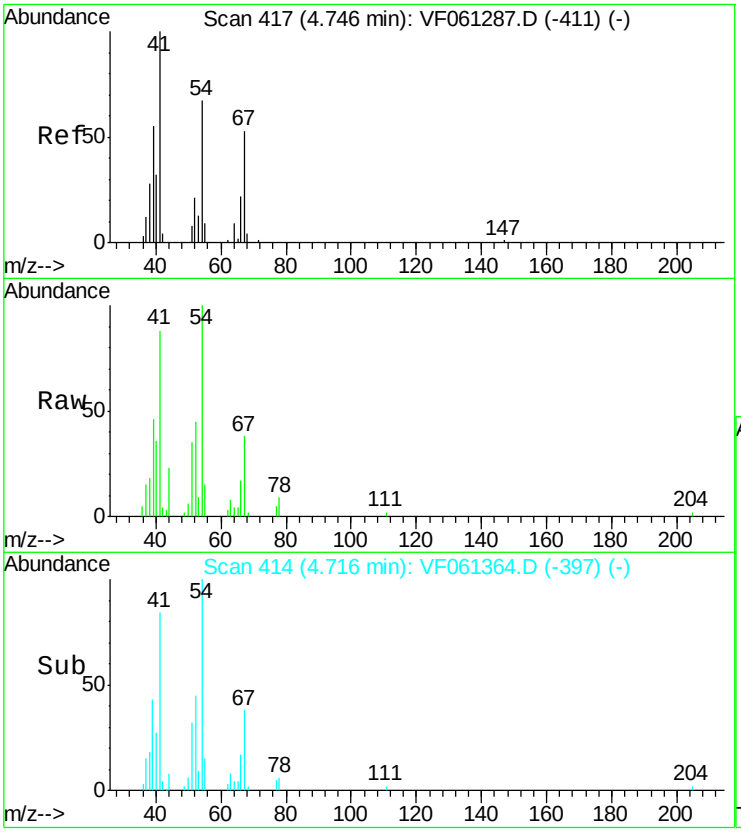


#40
Benzene
Concen: 18.816 ug/l
RT: 4.61 min Scan# 403
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 78 Resp: 156233

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7

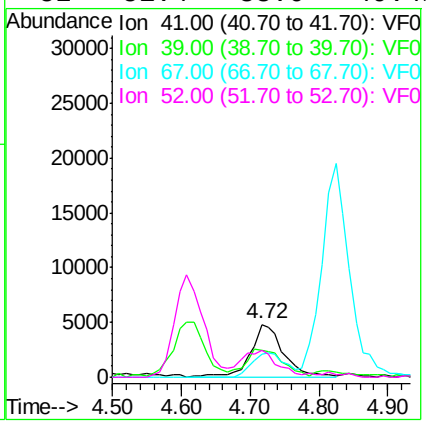




#41
Methacrylonitrile
Concen: 22.425 ug/l
RT: 4.72 min Scan# 414
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 41 Resp: 16219

Ion	Ratio	Lower	Upper
41	100		
39	52.0	52.7	79.1#
67	43.2	41.4	62.2
52	51.4	33.0	49.4#



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

Manual Integrations APPROVED
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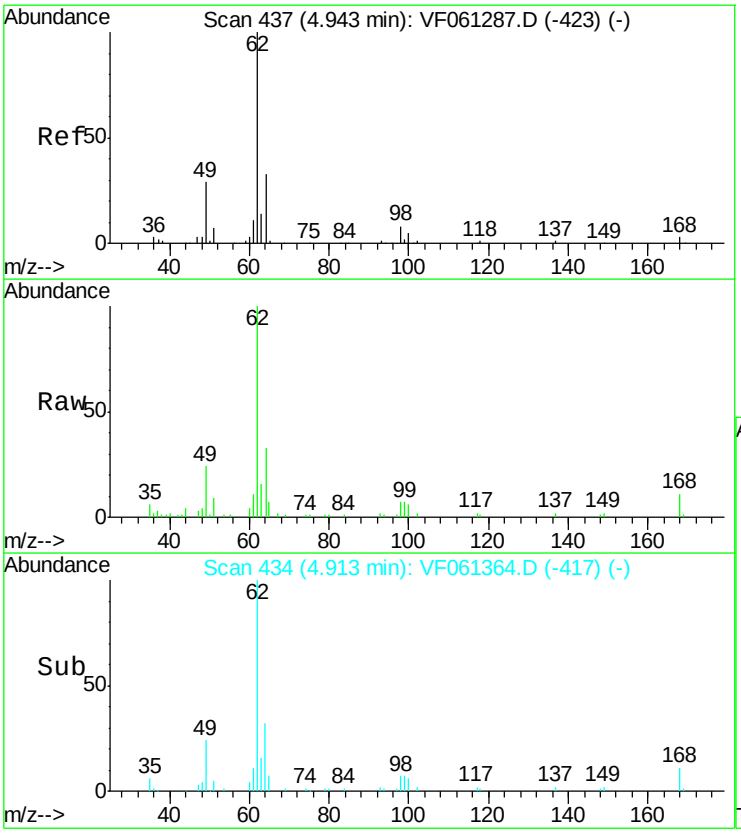
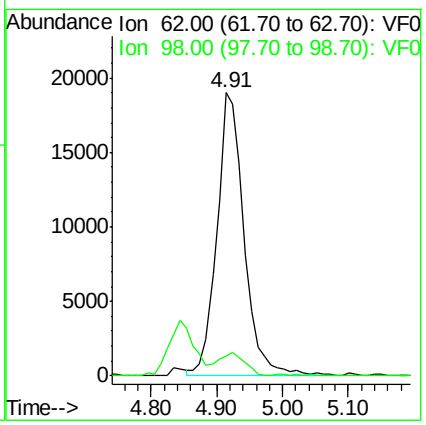
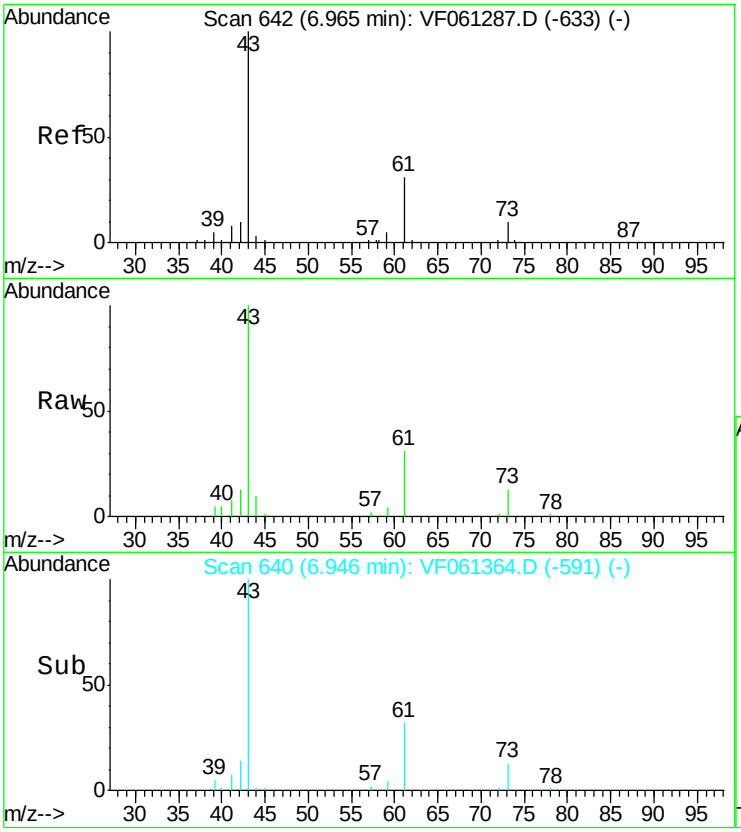


#42
1,2-Dichloroethane
Concen: 21.220 ug/l
RT: 4.91 min Scan# 434
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 62 Resp: 54855

Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	16.8

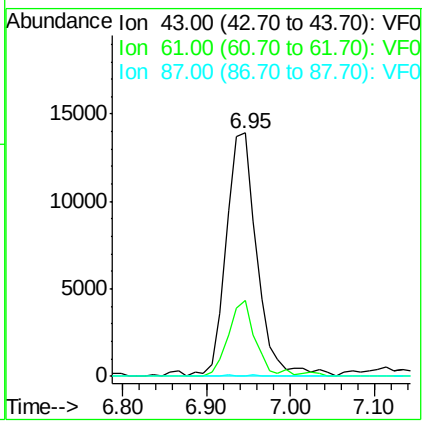




#43
Isopropyl Acetate
Concen: 20.793 ug/l
RT: 6.95 min Scan# 640
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 43 Resp: 35554

Ion	Ratio	Lower	Upper
43	100		
61	31.2	24.3	36.5
87	0.0	0.2	0.4#



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

Manual Integrations APPROVED
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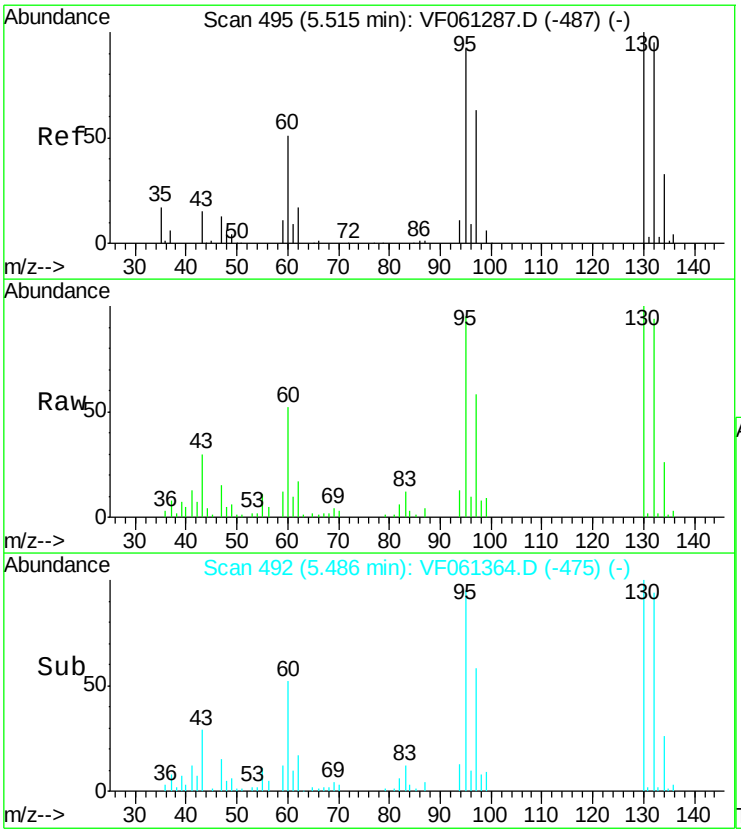
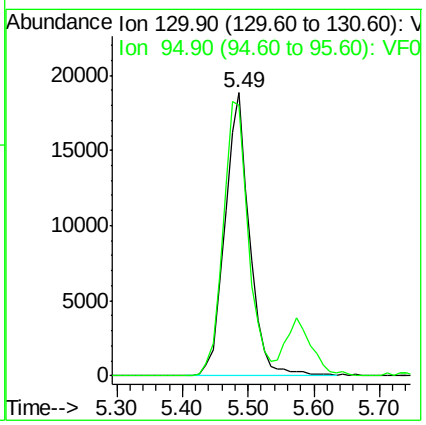
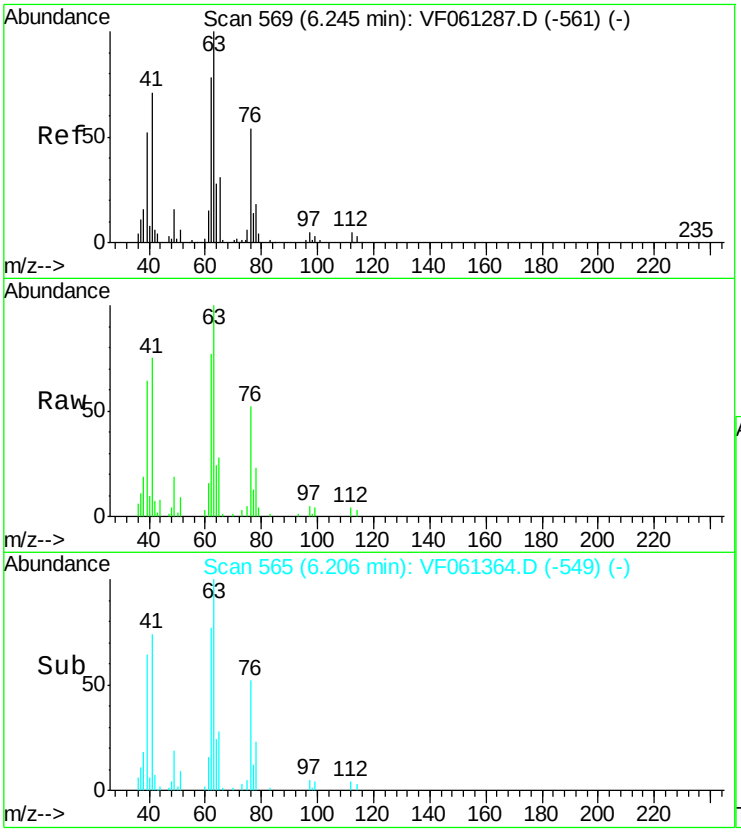


#44
Trichloroethene
Concen: 20.261 ug/l
RT: 5.49 min Scan# 492
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:130 Resp: 49233

Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	184.4

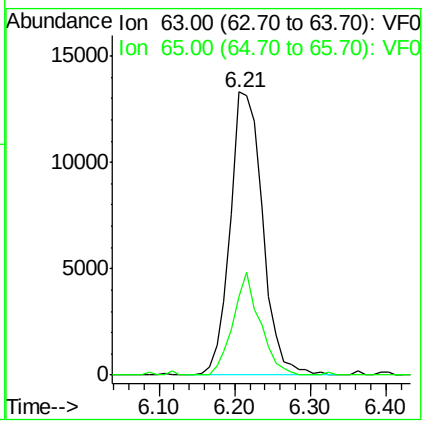




#45
1,2-Dichloropropane
Concen: 18.702 ug/l
RT: 6.21 min Scan# 565
Delta R.T. -0.04 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 63 Resp: 39489

Ion	Ratio	Lower	Upper
63	100		
65	28.0	25.1	37.7



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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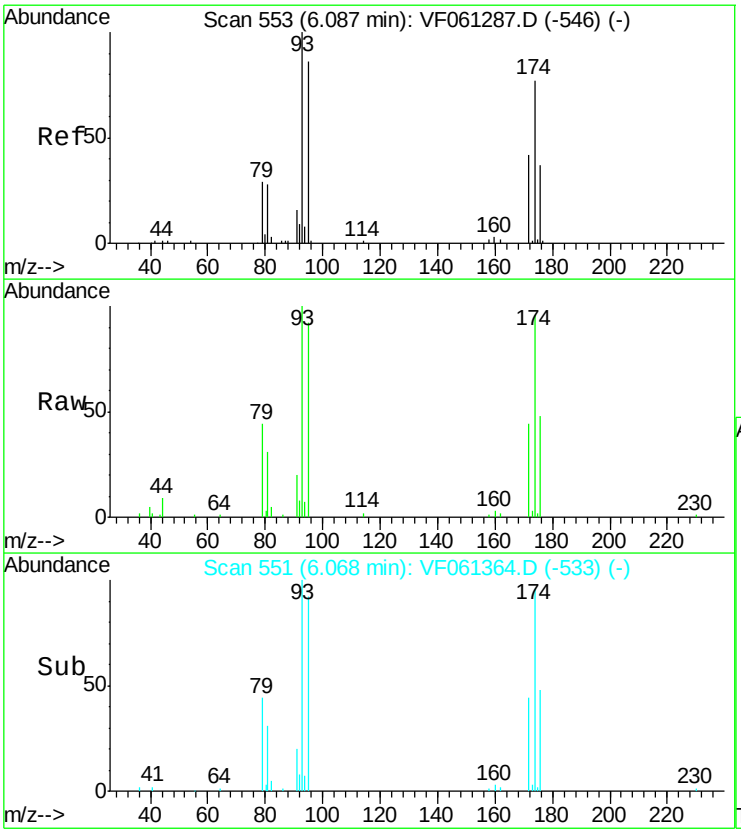
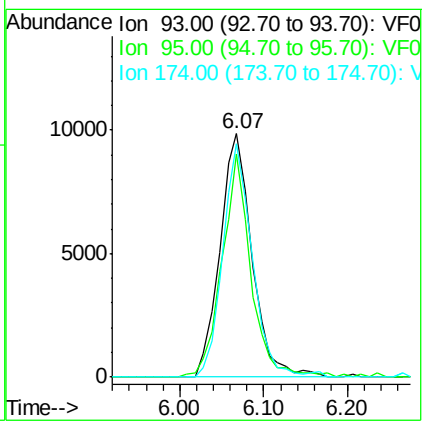
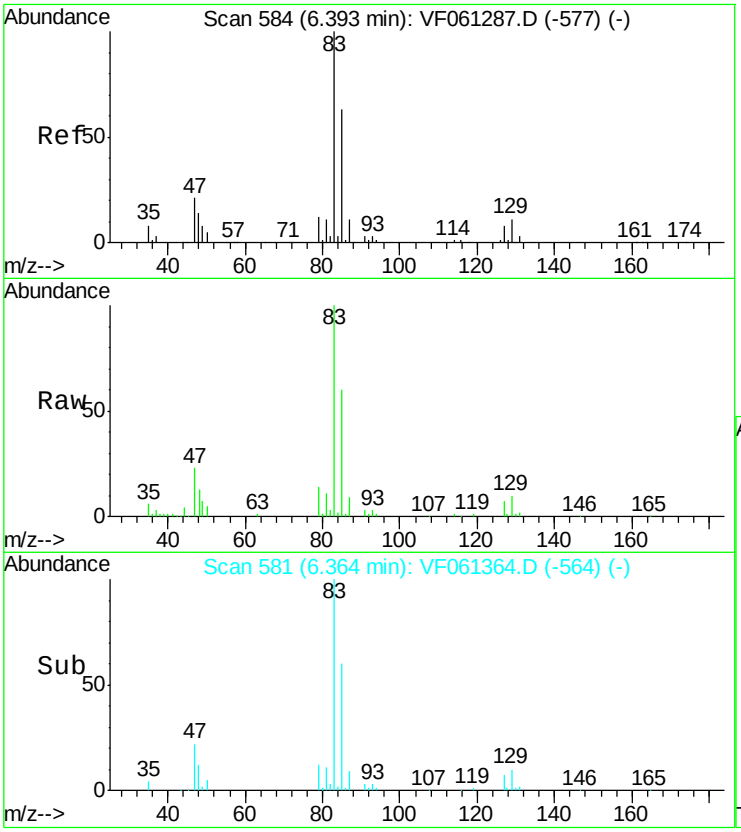


#46
Dibromomethane
Concen: 20.108 ug/l
RT: 6.07 min Scan# 551
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 93 Resp: 26068

Ion	Ratio	Lower	Upper
93	100		
95	91.8	68.8	103.2
174	97.8	62.9	94.3#

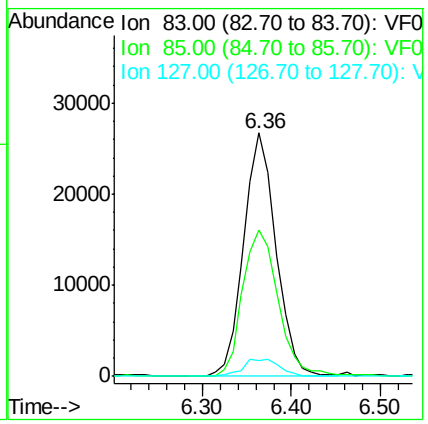




#47
Bromodichloromethane
Concen: 20.853 ug/l
RT: 6.36 min Scan# 581
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 83 Resp: 67236

Ion	Ratio	Lower	Upper
83	100		
85	60.2	50.4	75.6
127	6.7	6.4	9.6



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

Manual Integrations APPROVED
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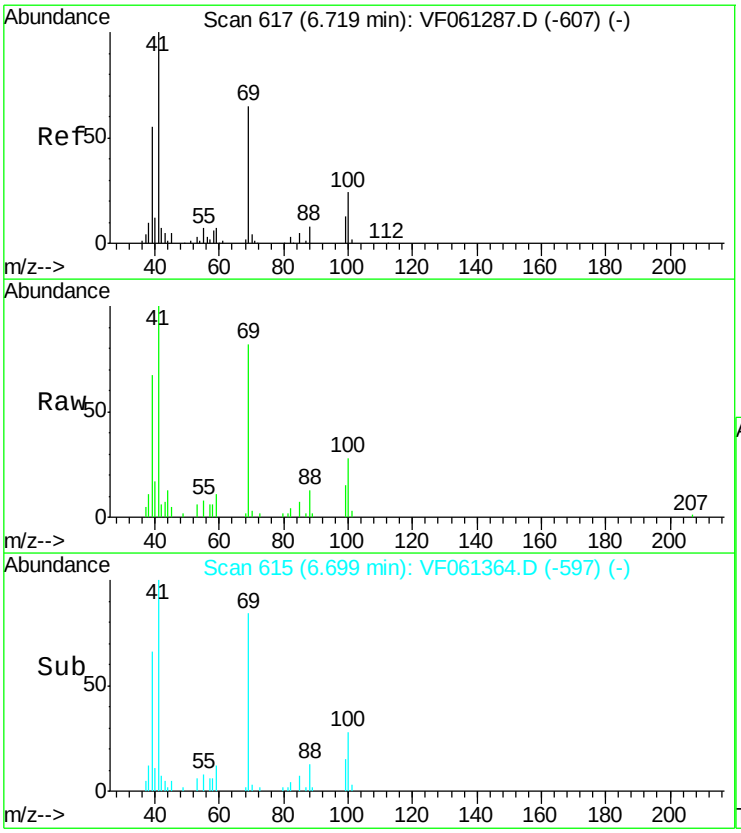
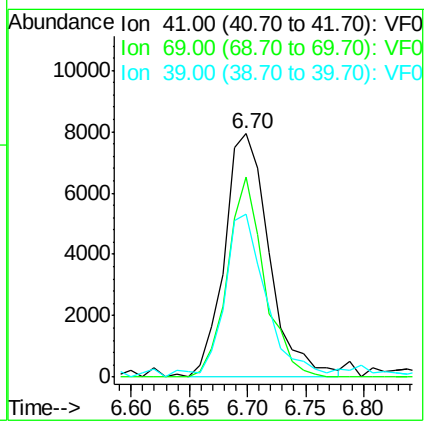
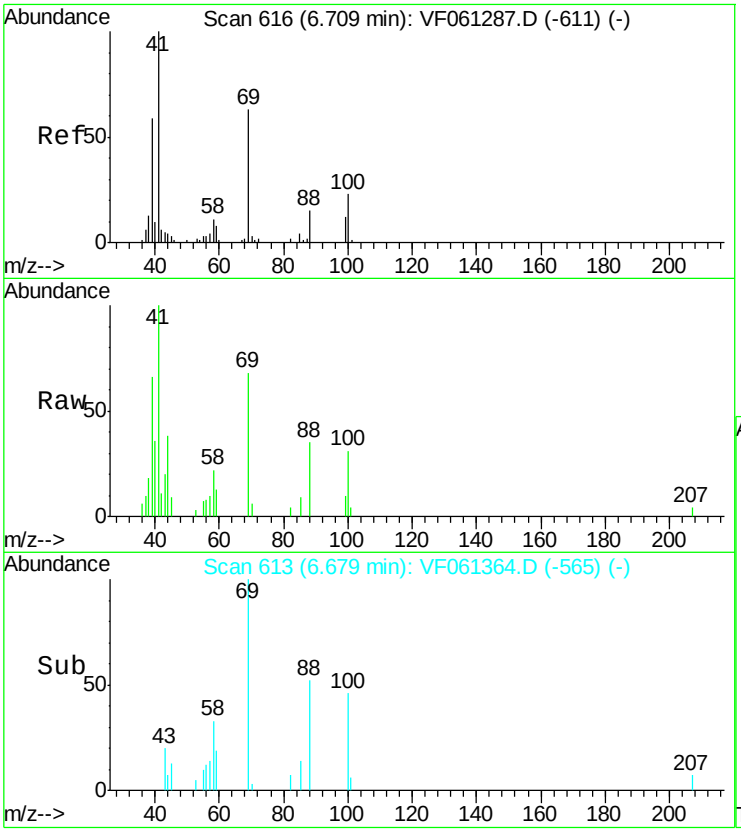


#48
Methyl methacrylate
Concen: 19.100 ug/l
RT: 6.70 min Scan# 615
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 41 Resp: 21198

Ion	Ratio	Lower	Upper
41	100		
69	82.2	51.5	77.3#
39	67.0	44.1	66.1#

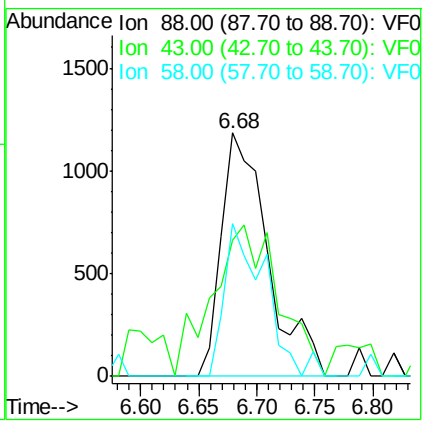




#49
1,4-Dioxane
Concen: 467.935 ug/l
RT: 6.68 min Scan# 613
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 88 Resp: 3277

Ion	Ratio	Lower	Upper
88	100		
43	55.9	38.5	57.7
58	62.9	57.0	85.4



Instrument :
MSVOA_F
ClientSampleId :
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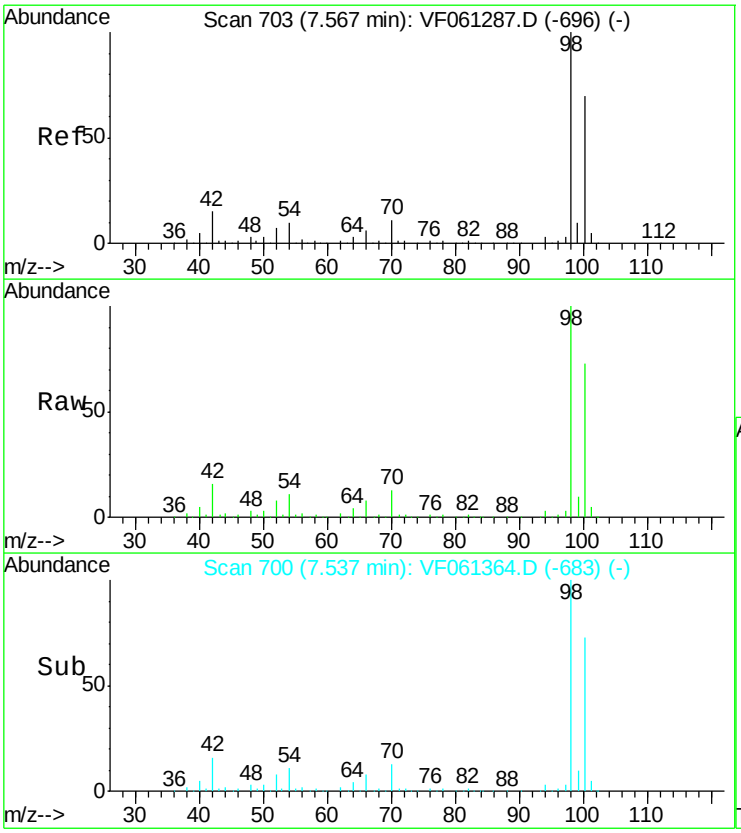
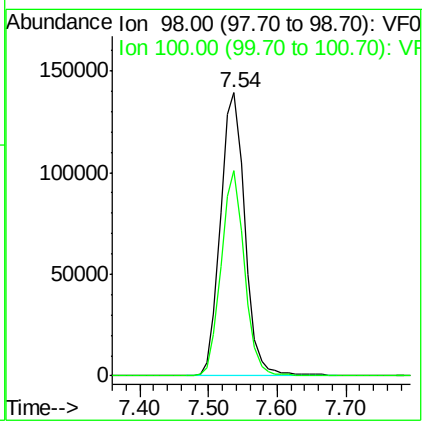
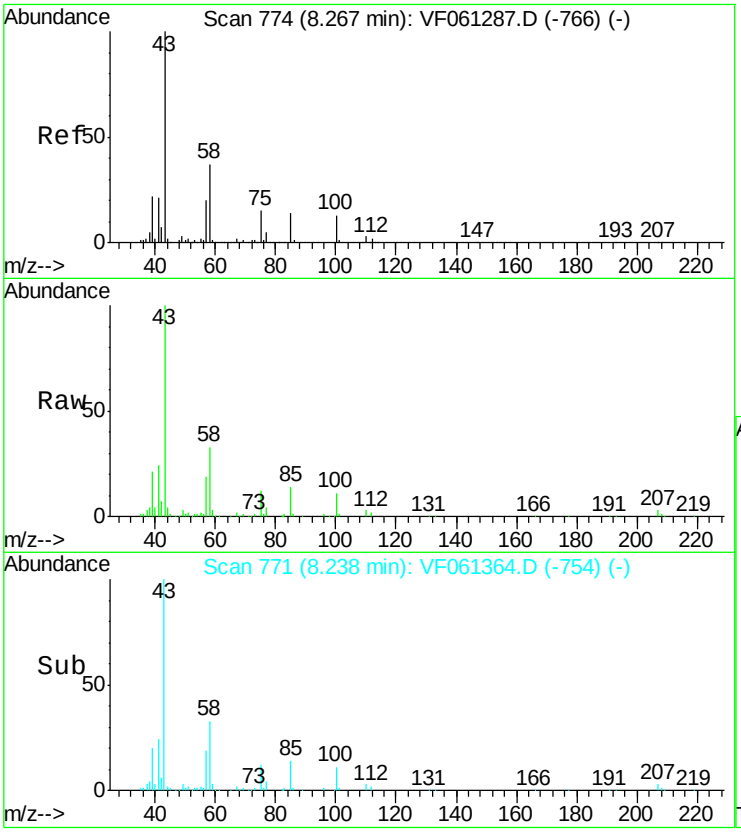


#50
Toluene-d8
Concen: 49.709 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 98 Resp: 342797

Ion	Ratio	Lower	Upper
98	100		
100	72.6	55.6	83.4

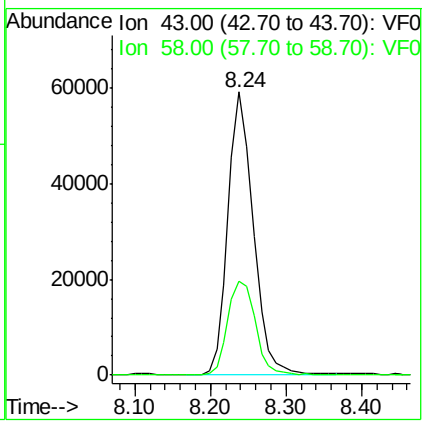




#51
4-Methyl-2-Pentanone
Concen: 105.686 ug/l
RT: 8.24 min Scan# 771
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 43 Resp: 136399

Ion	Ratio	Lower	Upper
43	100		
58	33.3	29.6	44.4



Instrument :
MSVOA_F
ClientSampleId :
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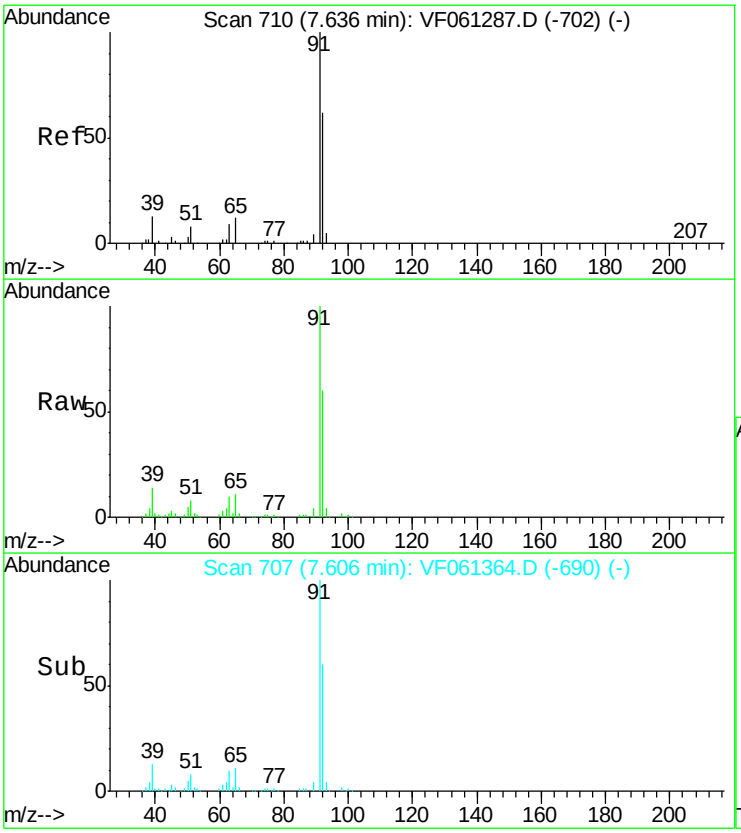
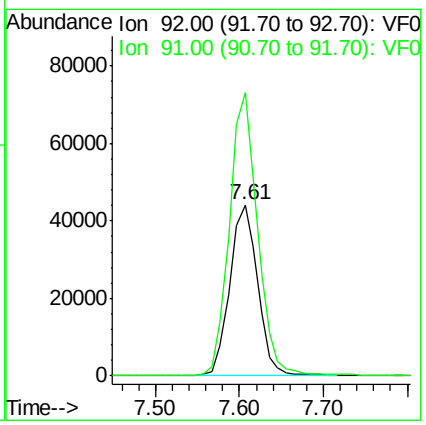
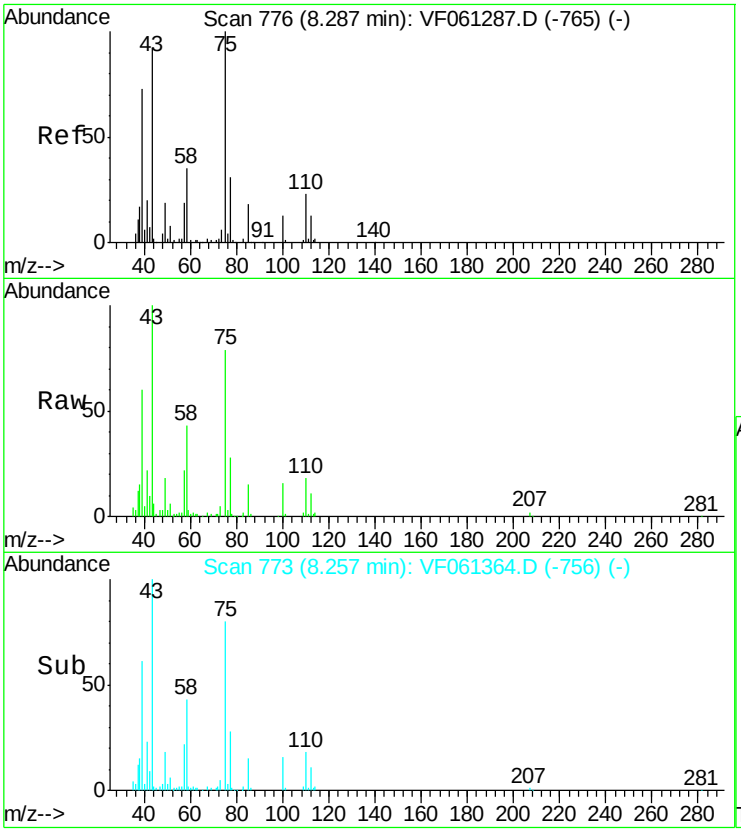


#52
Toluene
Concen: 19.167 ug/l
RT: 7.61 min Scan# 707
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 92 Resp: 102290

Ion	Ratio	Lower	Upper
92	100		
91	165.6	129.2	193.8

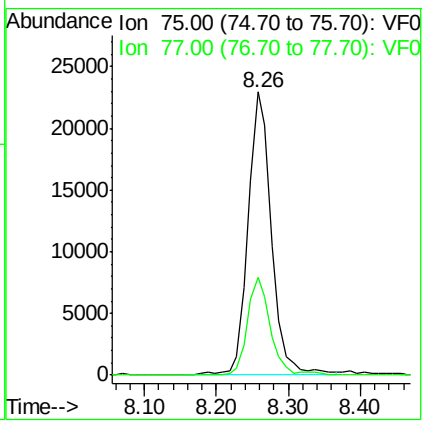




#53
t-1,3-Dichloropropene
Concen: 20.632 ug/l
RT: 8.26 min Scan# 773
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 75 Resp: 52241

Ion	Ratio	Lower	Upper
75	100		
77	34.8	24.7	37.1



Instrument :
MSVOA_F
ClientSampleId :
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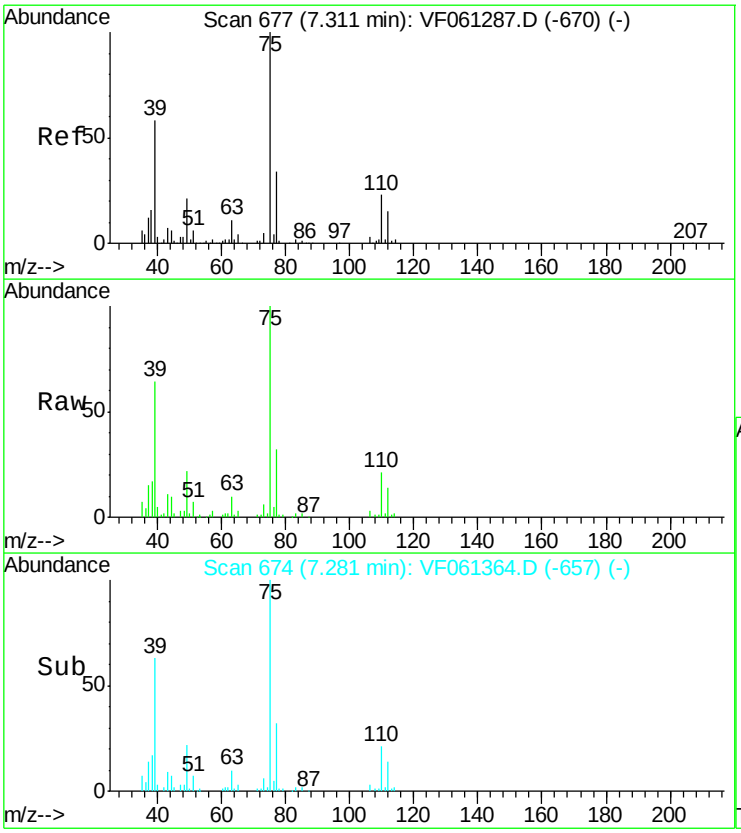
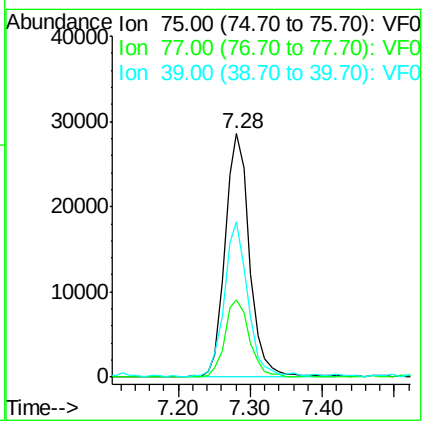
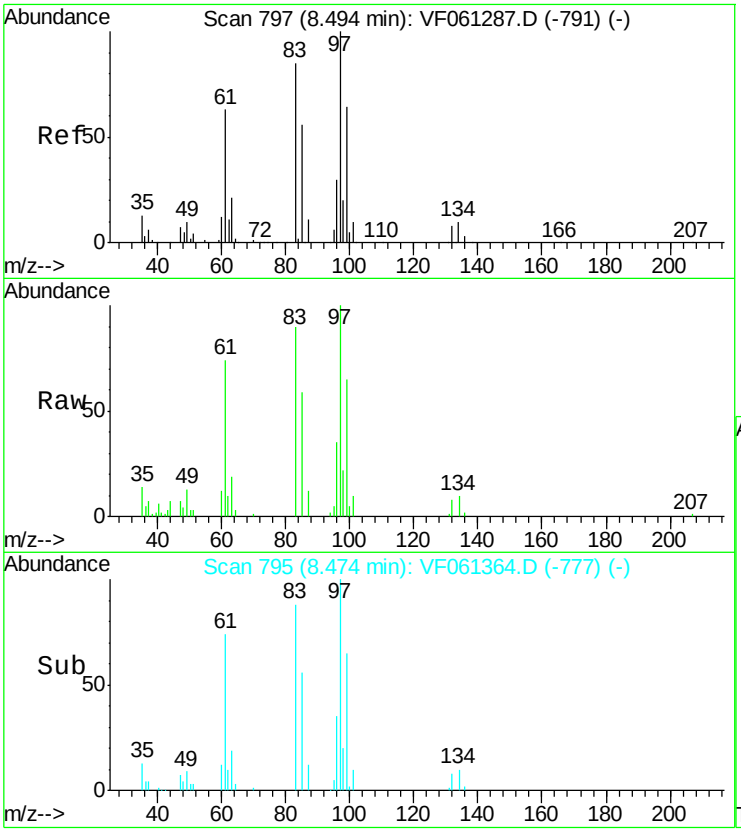


#54
cis-1,3-Dichloropropene
Concen: 20.129 ug/l
RT: 7.28 min Scan# 674
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 75 Resp: 67578

Ion	Ratio	Lower	Upper
75	100		
77	32.0	27.3	40.9
39	63.9	46.3	69.5

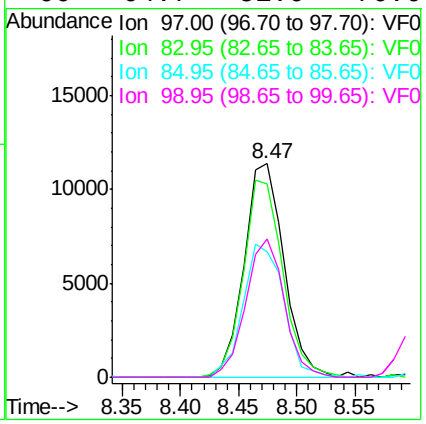




#55
1,1,2-Trichloroethane
Concen: 18.124 ug/l
RT: 8.47 min Scan# 795
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 97 Resp: 27066

Ion	Ratio	Lower	Upper
97	100		
83	90.4	67.8	101.6
85	58.5	45.1	67.7
99	64.7	51.0	76.6



Instrument :
MSVOA_F
ClientSampleId :
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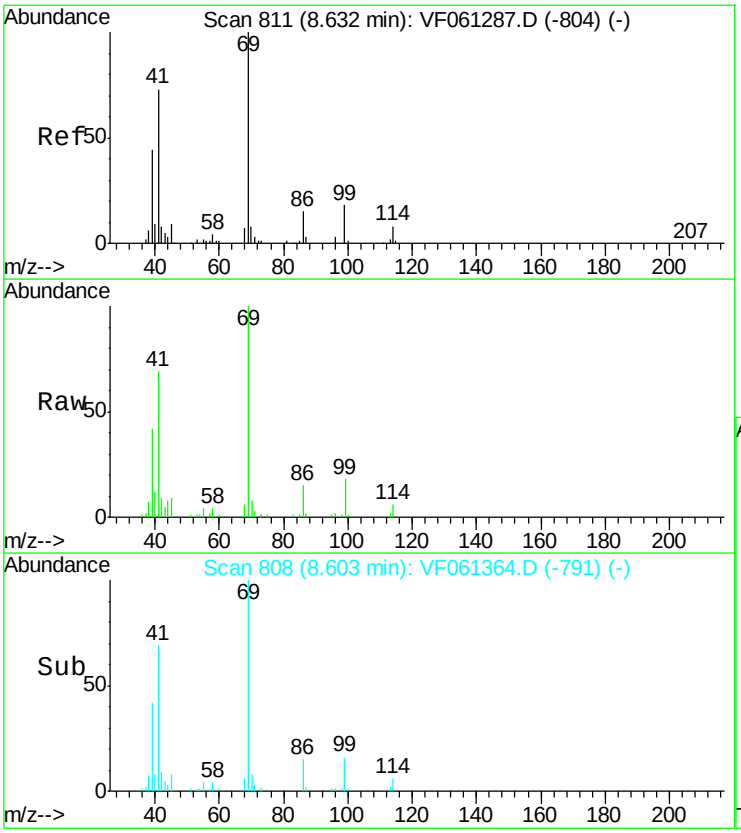
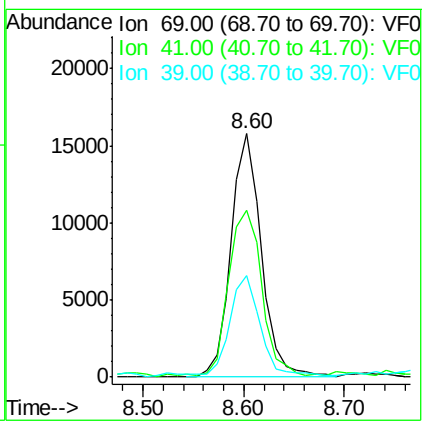
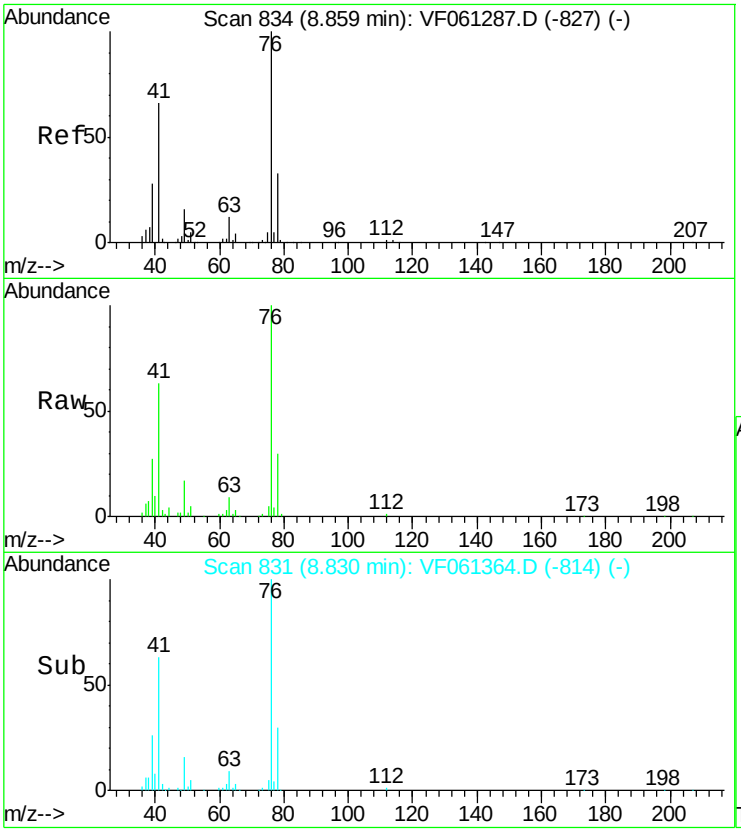


#56
Ethyl methacrylate
Concen: 19.808 ug/l
RT: 8.60 min Scan# 808
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 69 Resp: 33061

Ion	Ratio	Lower	Upper
69	100		
41	68.7	59.0	88.4
39	41.9	35.3	52.9

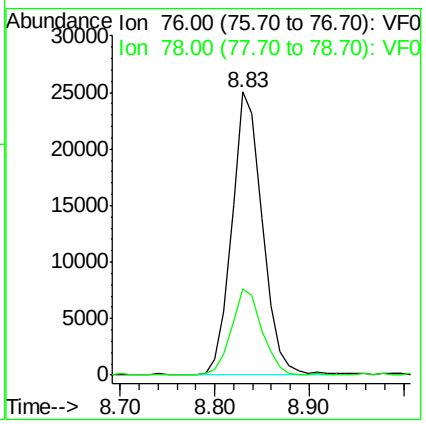




#57
1,3-Dichloropropane
Concen: 21.140 ug/l
RT: 8.83 min Scan# 831
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 76 Resp: 55873

Ion	Ratio	Lower	Upper
76	100		
78	30.3	26.8	40.2



Instrument :
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ClientSampleId :
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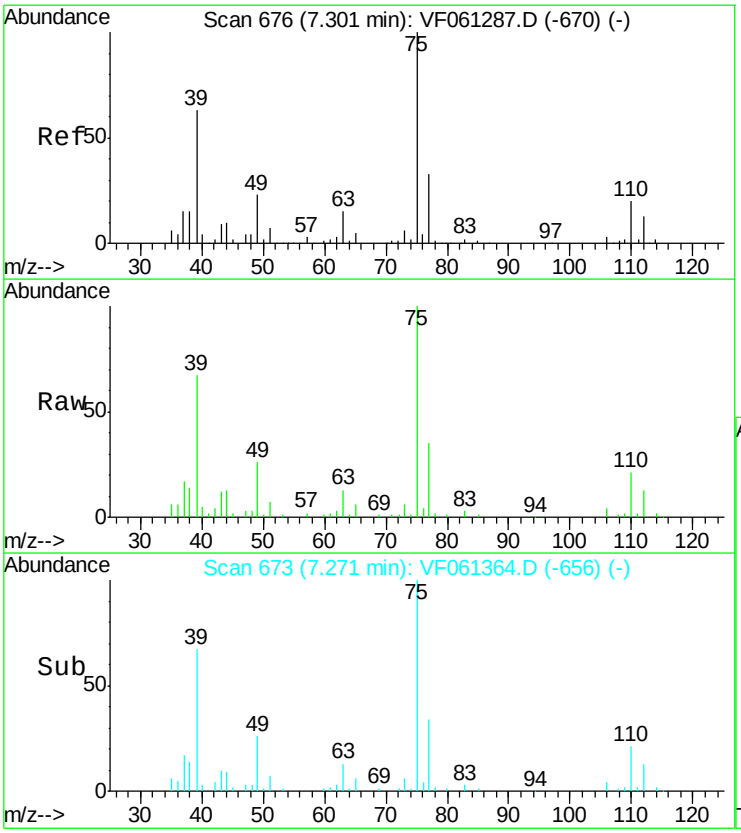
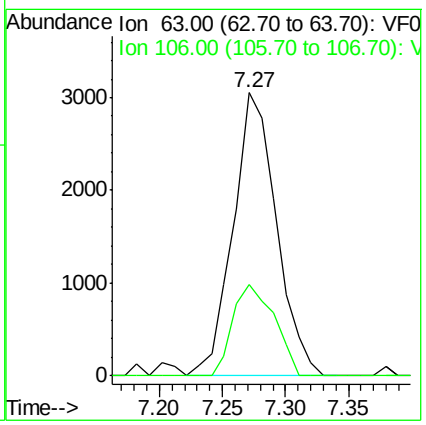
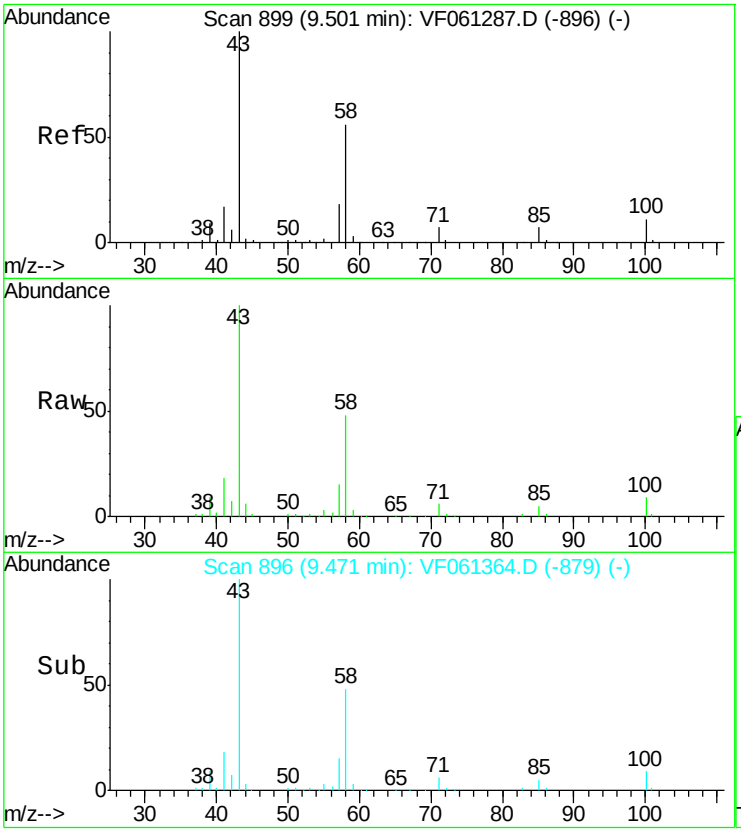


#58
2-Chloroethyl Vinyl ether
Concen: 102.463 ug/l
RT: 7.27 min Scan# 673
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 63 Resp: 7288

Ion	Ratio	Lower	Upper
63	100		
106	32.4	16.5	24.7#

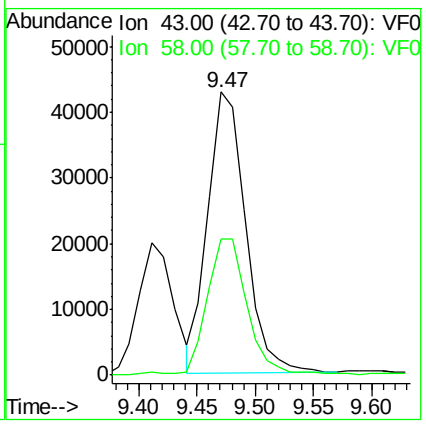




#59
2-Hexanone
Concen: 105.719 ug/l
RT: 9.47 min Scan# 896
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 43 Resp: 96662

Ion	Ratio	Lower	Upper
43	100		
58	48.1	25.6	76.8



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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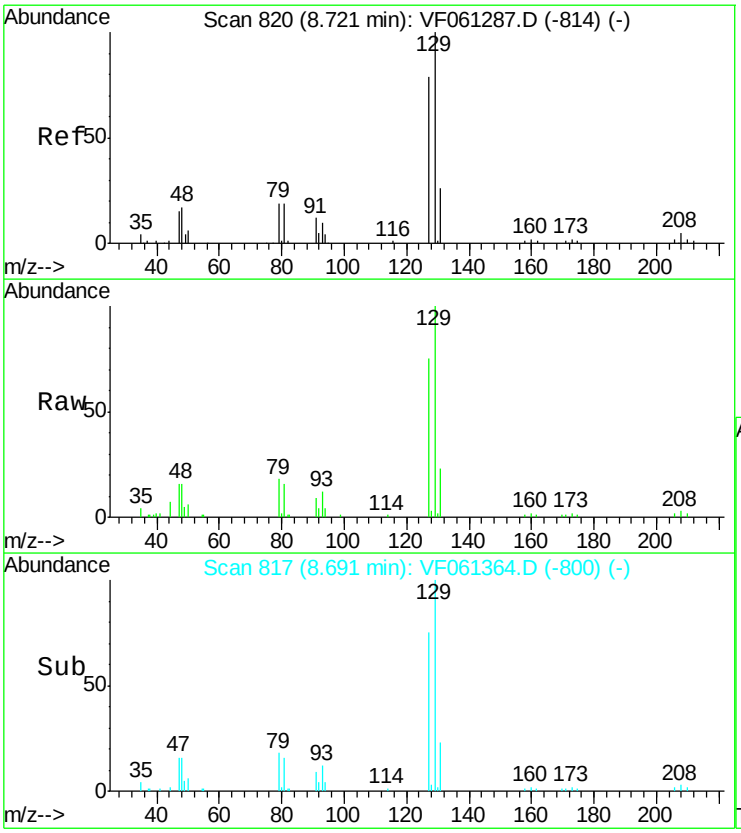
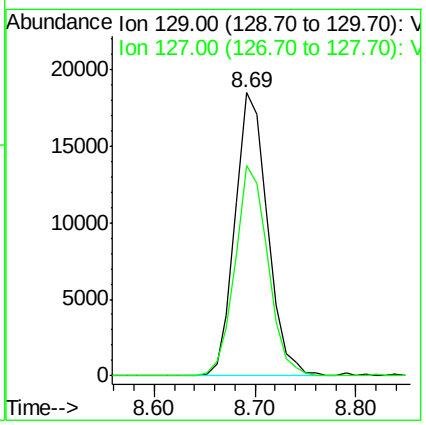
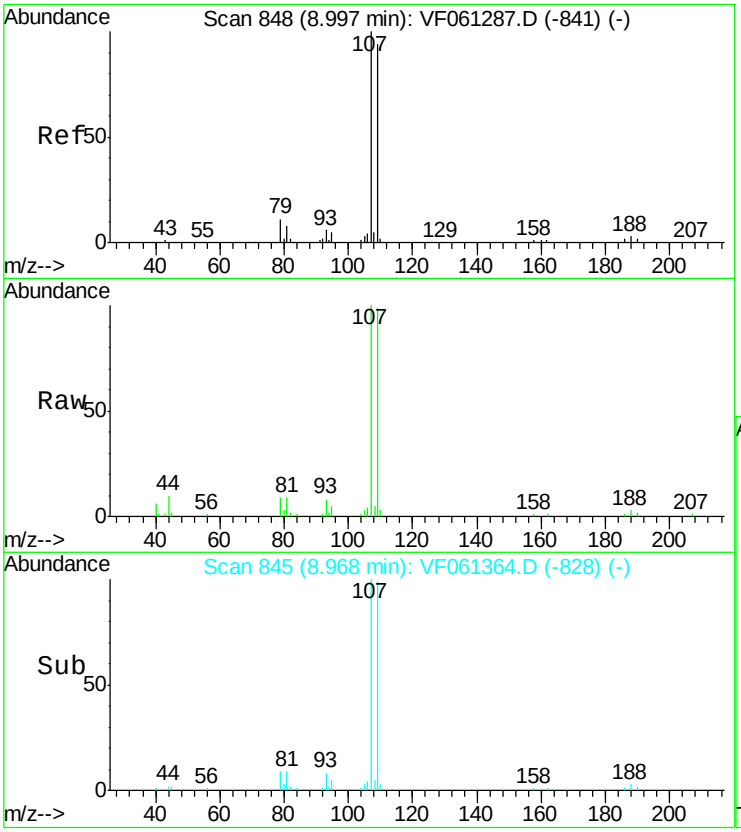


#60
Dibromochloromethane
Concen: 20.872 ug/l
RT: 8.69 min Scan# 817
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:129 Resp: 41506

Ion	Ratio	Lower	Upper
129	100		
127	74.5	39.4	118.1

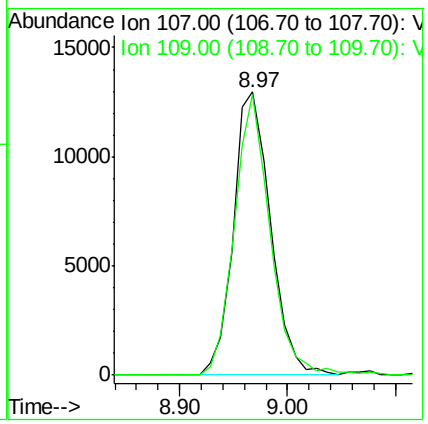




#61
1,2-Dibromoethane
Concen: 20.312 ug/l
RT: 8.97 min Scan# 845
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:107 Resp: 30922

Ion	Ratio	Lower	Upper
107	100		
109	99.3	75.1	112.7



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

Manual Integrations APPROVED
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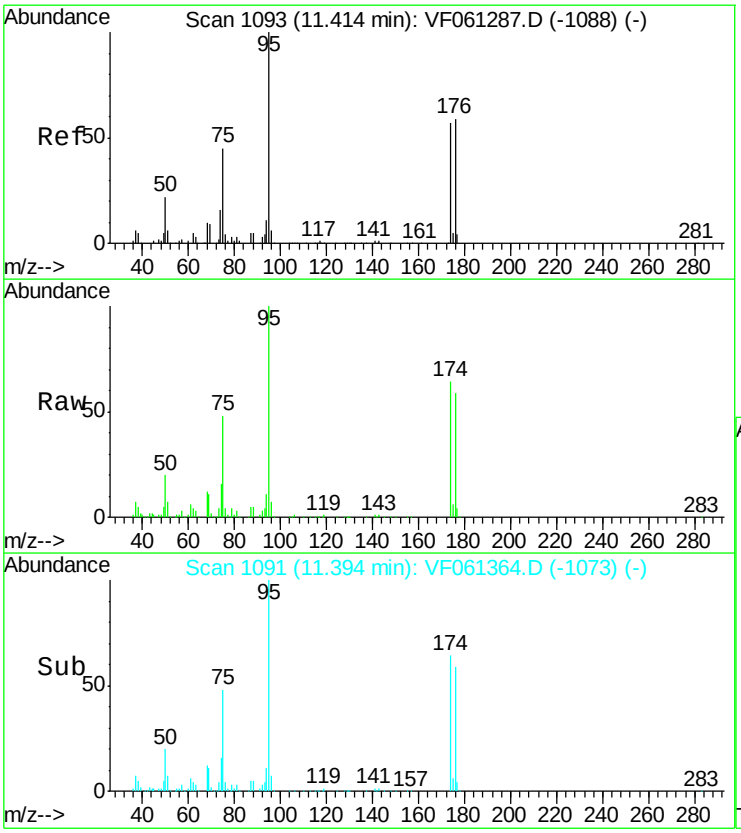
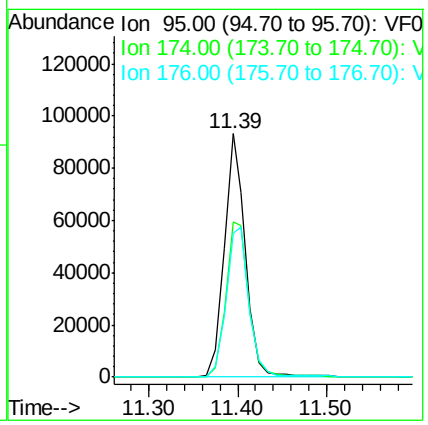
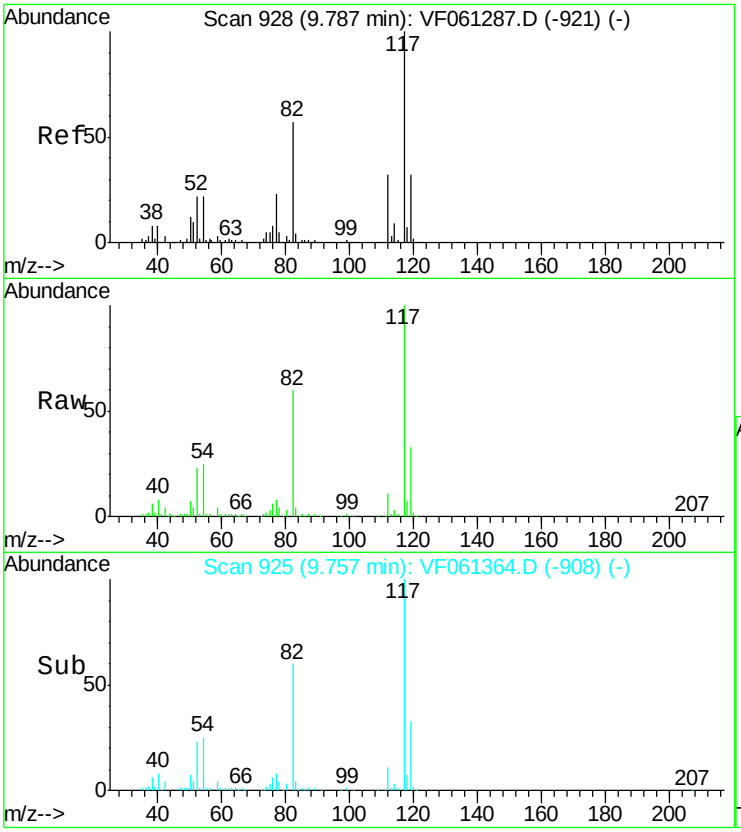


#62
4-Bromofluorobenzene
Concen: 51.948 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 95 Resp: 156429

Ion	Ratio	Lower	Upper
95	100		
174	63.7	0.0	114.2
176	58.9	0.0	117.8

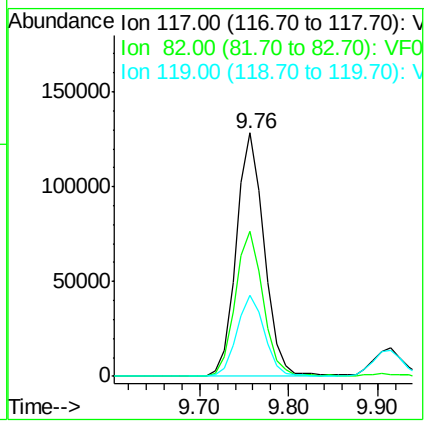




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:117 Resp: 280563

Ion	Ratio	Lower	Upper
117	100		
82	59.8	45.3	67.9
119	33.2	25.4	38.0



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

Manual Integrations APPROVED
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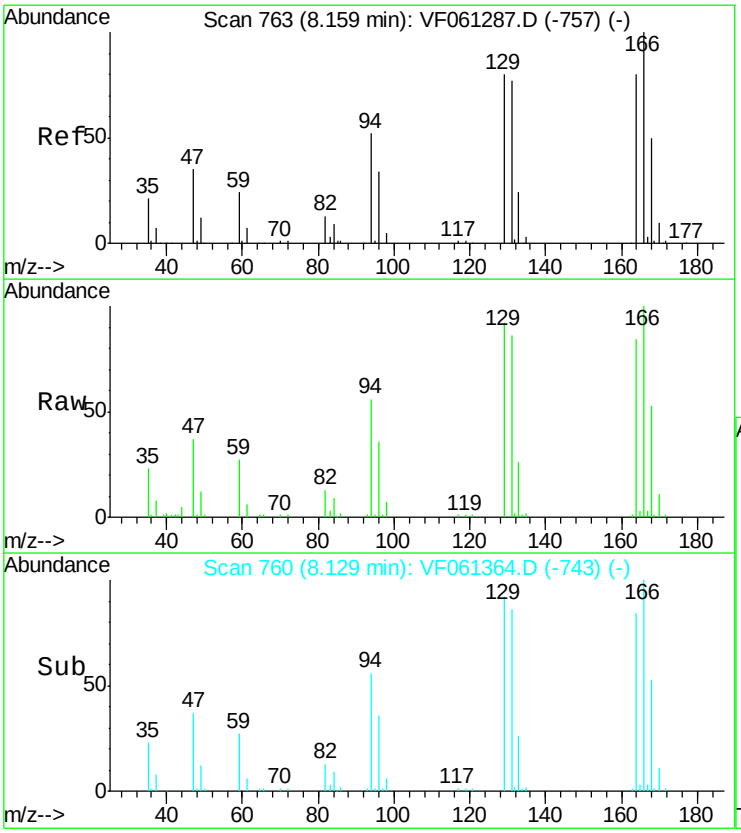
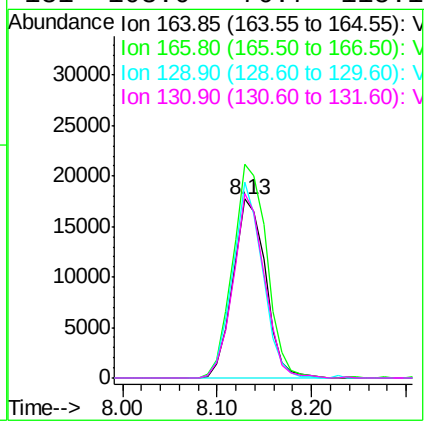
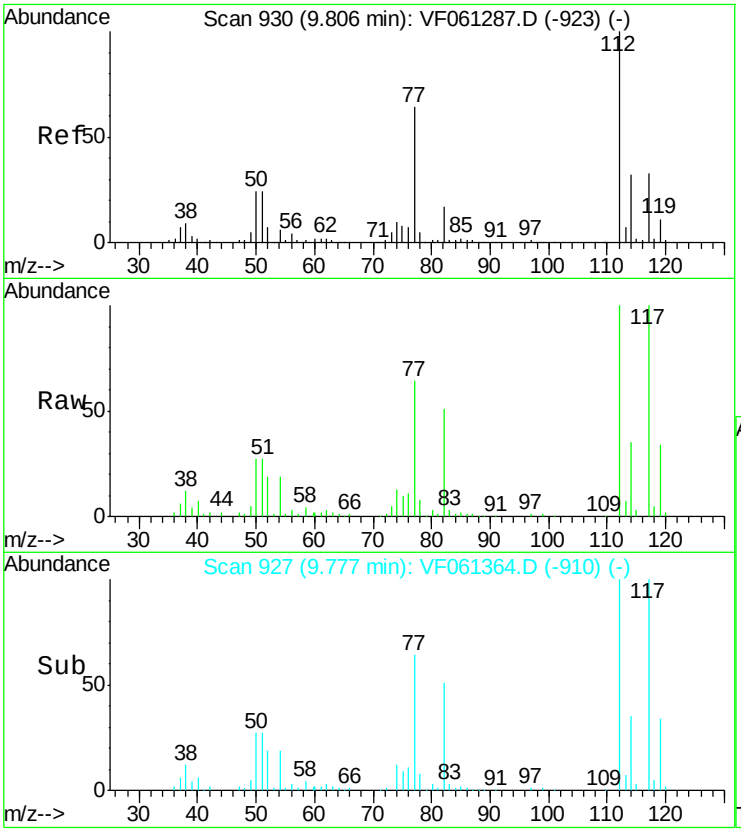


#64
Tetrachloroethene
Concen: 20.751 ug/l
RT: 8.13 min Scan# 760
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:164 Resp: 42389

Ion	Ratio	Lower	Upper
164	100		
166	119.3	100.1	150.1
129	109.5	80.1	120.1
131	103.0	76.7	115.1

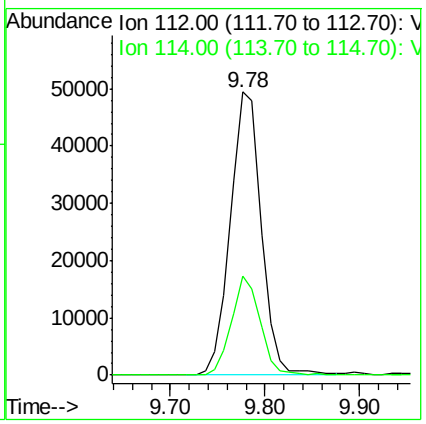




#65
Chlorobenzene
Concen: 19.847 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:112 Resp: 112442

Ion	Ratio	Lower	Upper
112	100		
114	34.8	25.8	38.8



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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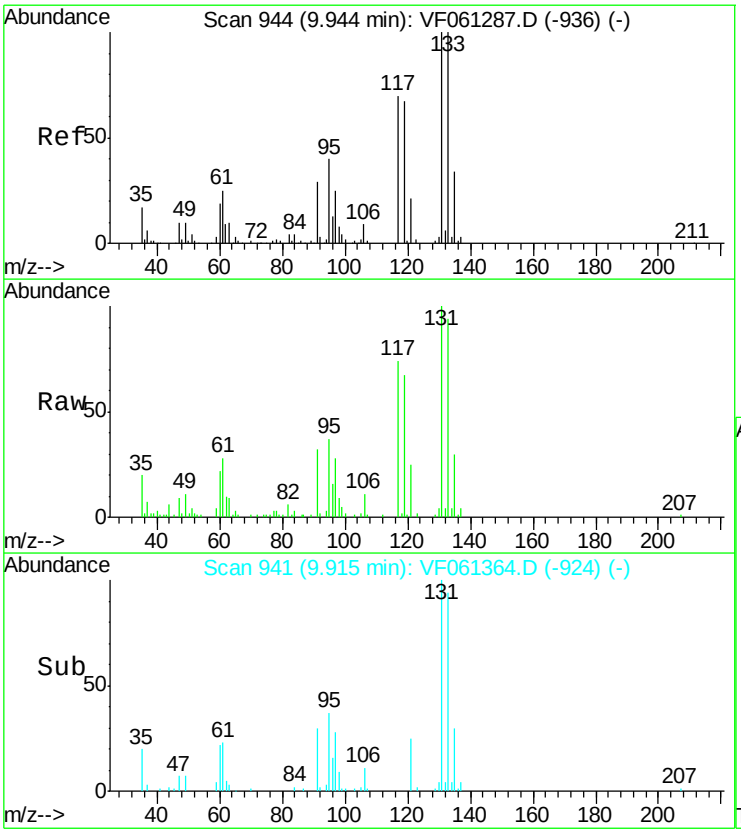
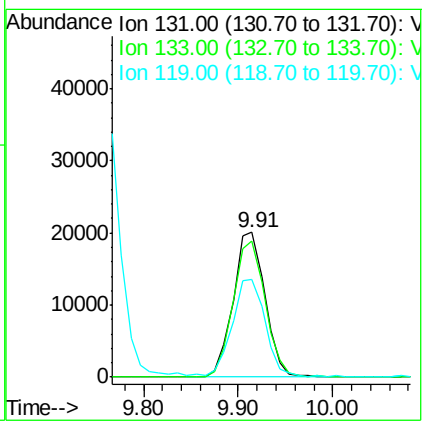
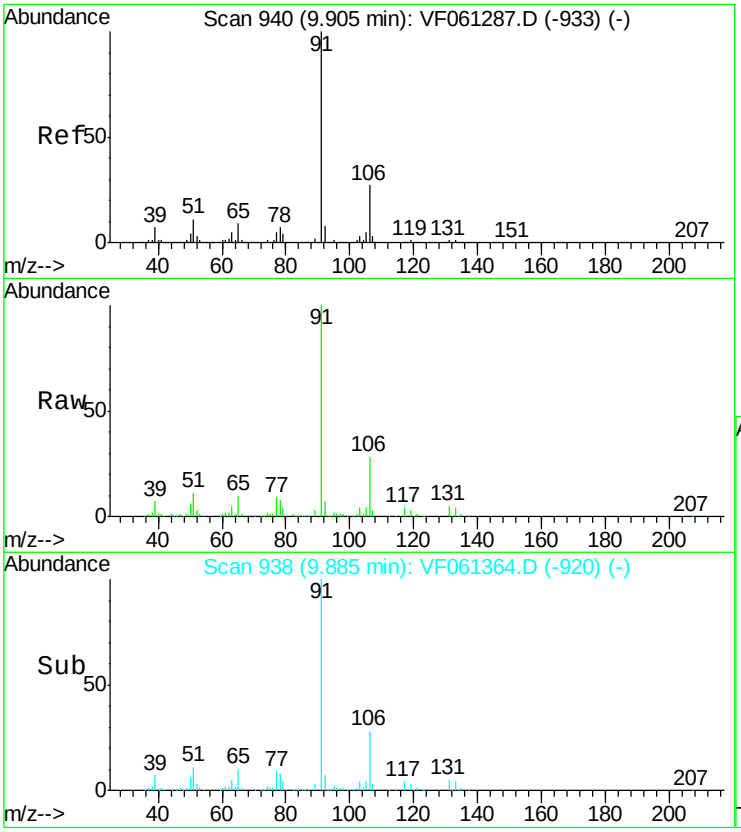


#66
1,1,1,2-Tetrachloroethane
Concen: 20.332 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:131 Resp: 47003

Ion	Ratio	Lower	Upper
131	100		
133	94.1	49.9	149.6
119	67.3	33.9	101.6

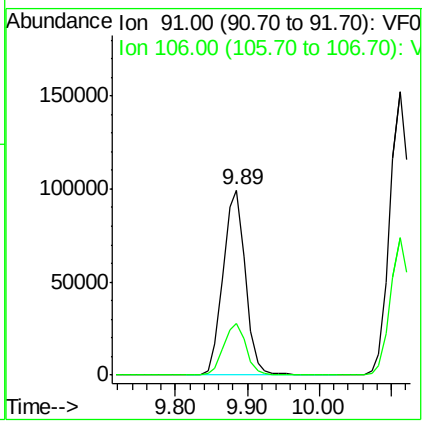




#67
Ethyl Benzene
Concen: 19.535 ug/l
RT: 9.89 min Scan# 938
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 91 Resp: 213394

Ion	Ratio	Lower	Upper
91	100		
106	27.8	21.4	32.2



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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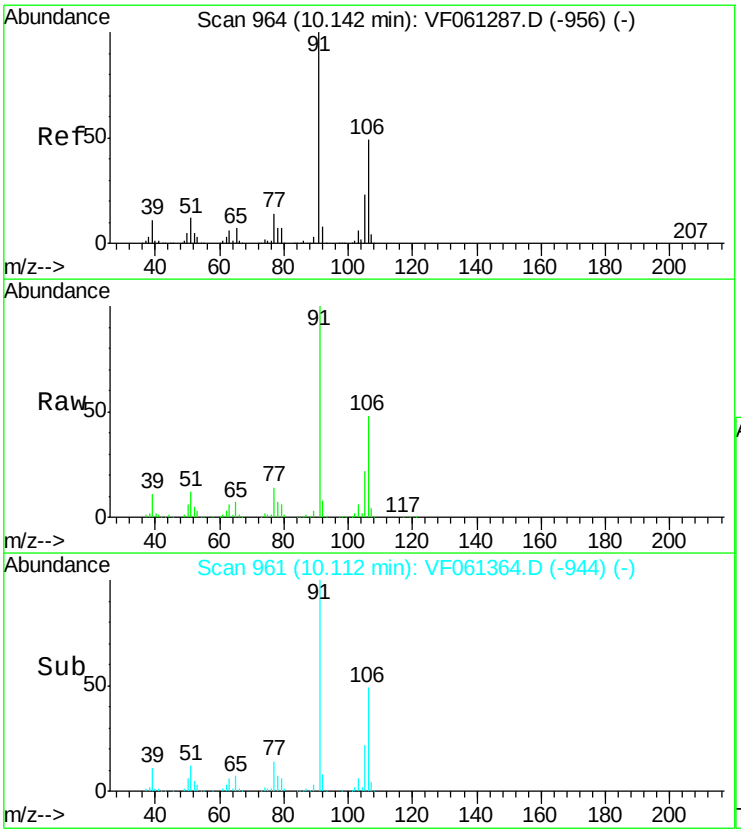
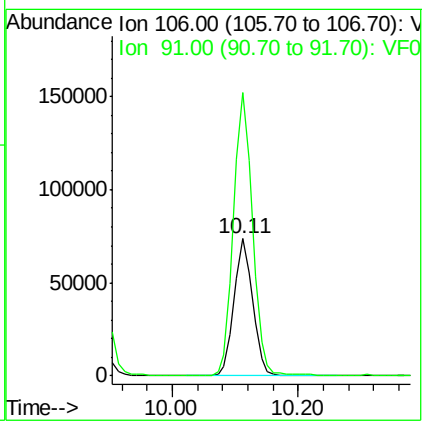
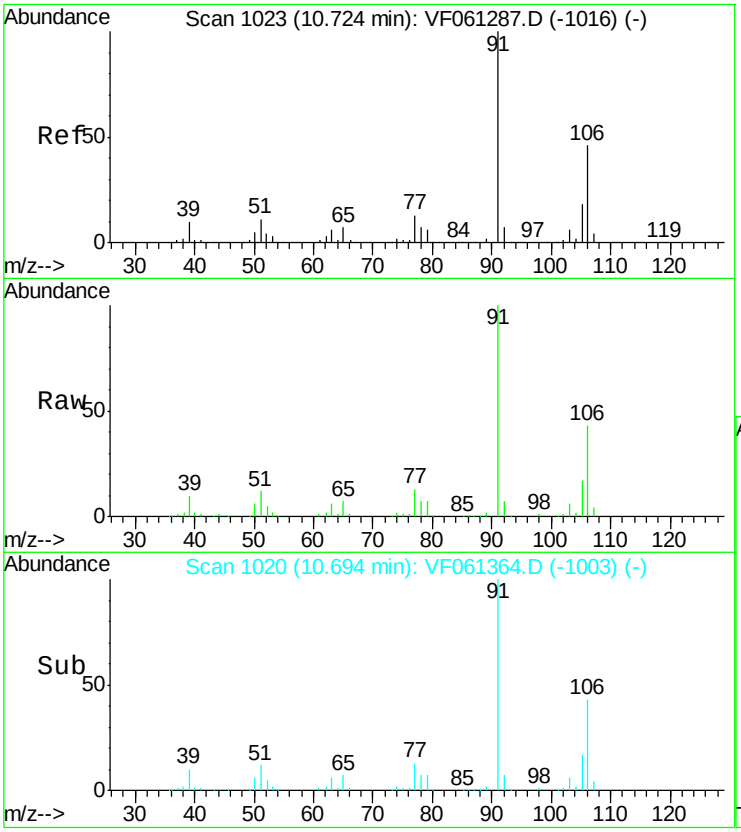


#68
m/p-Xylenes
Concen: 39.528 ug/l
RT: 10.11 min Scan# 961
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:106 Resp: 150616

Ion	Ratio	Lower	Upper
106	100		
91	206.8	165.0	247.6

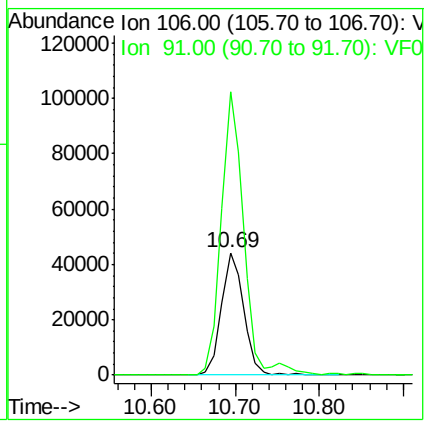




#69
o-Xylene
Concen: 19.330 ug/l
RT: 10.69 min Scan# 1020
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:106 Resp: 82277

Ion	Ratio	Lower	Upper
106	100		
91	230.7	108.1	324.4



Instrument :
MSVOA_F
ClientSampleId :
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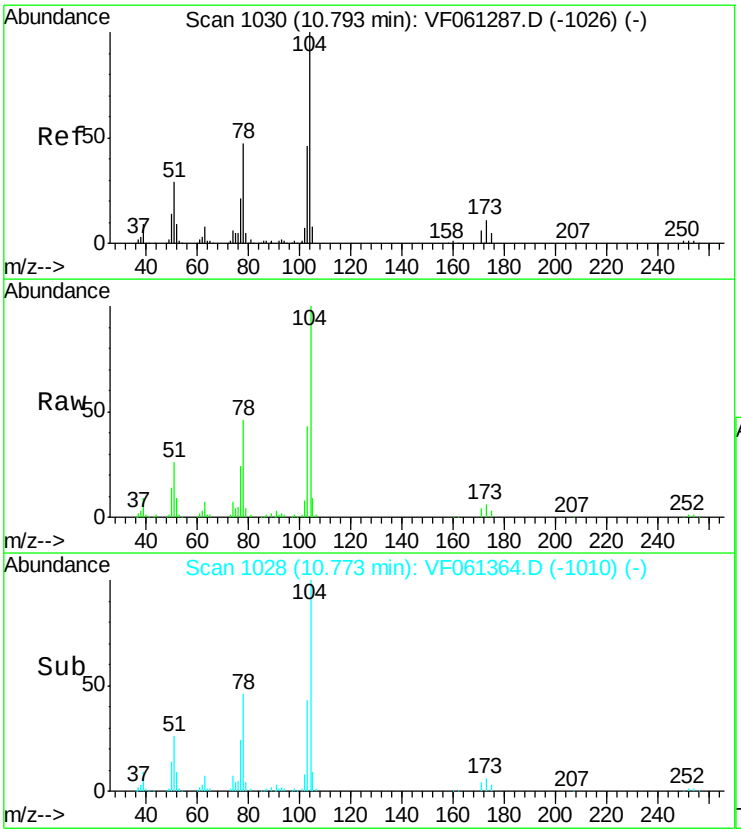
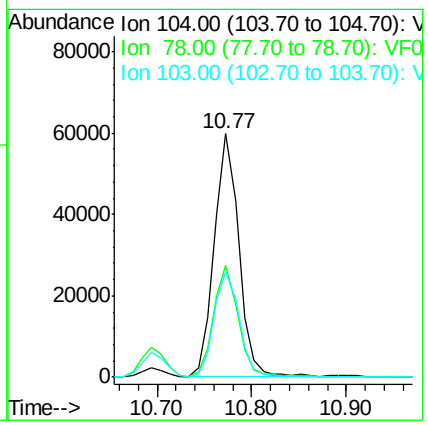
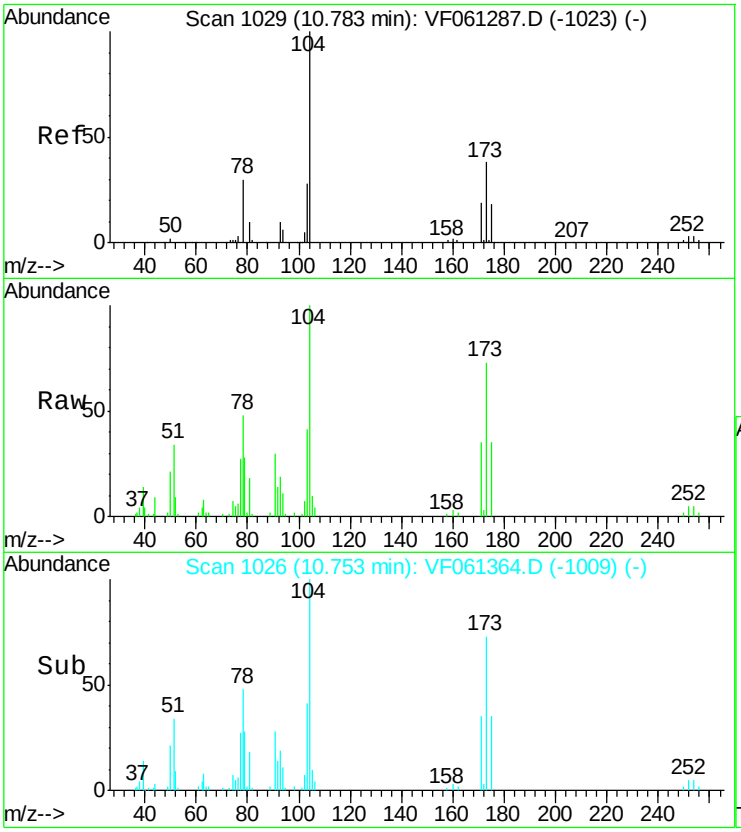


#70
Styrene
Concen: 19.103 ug/l
RT: 10.77 min Scan# 1028
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:104 Resp: 108323

Ion	Ratio	Lower	Upper
104	100		
78	46.1	38.0	57.0
103	43.3	36.7	55.1





#71
Bromoform
Concen: 20.153 ug/l
RT: 10.75 min Scan# 1026
Delta R.T. -0.03 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:173 Resp: 19040

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.1	72.2
254	6.9	0.0	0.0#

Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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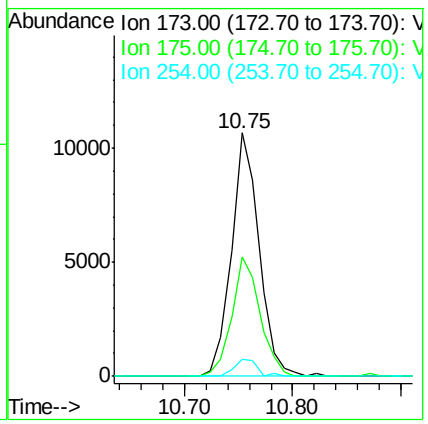
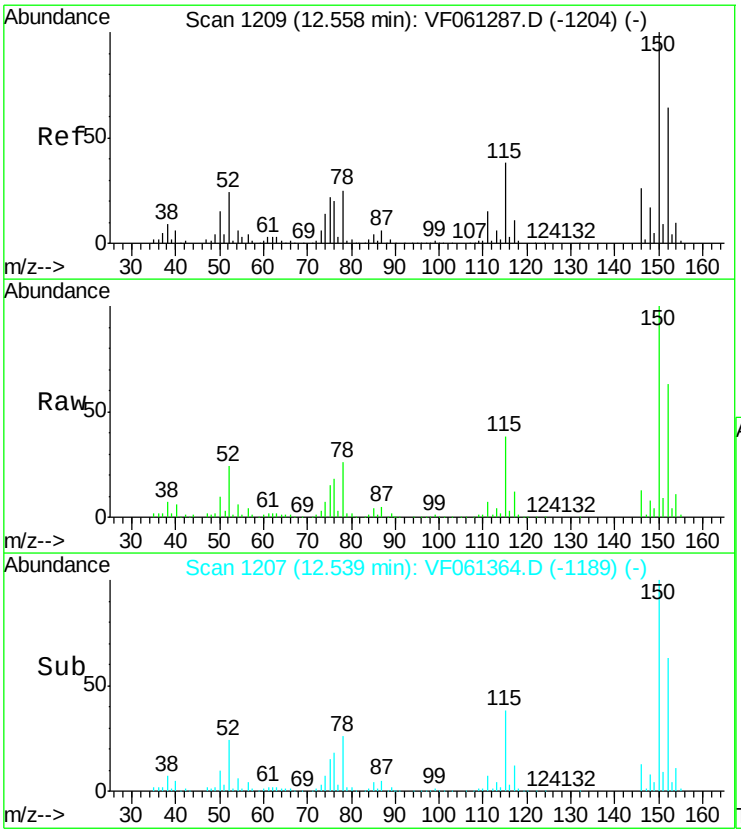
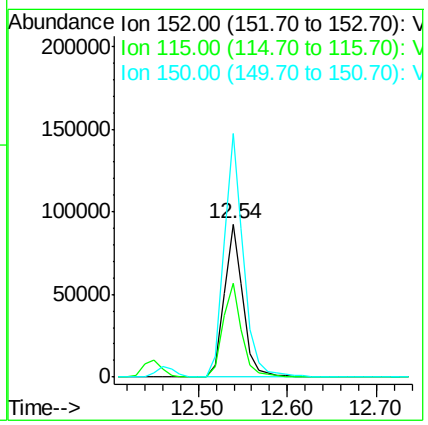


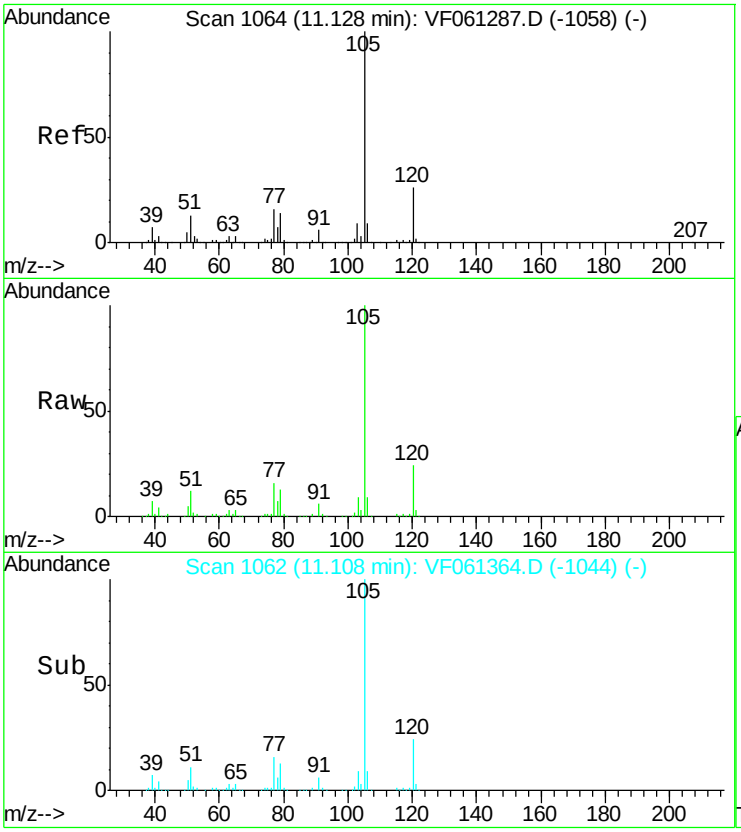


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:152 Resp: 137182

Ion	Ratio	Lower	Upper
152	100		
115	61.1	29.6	88.9
150	159.1	0.0	315.4





#73
Isopropylbenzene
Concen: 20.732 ug/l
RT: 11.11 min Scan# 1062
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:105 Resp: 250260

Ion	Ratio	Lower	Upper
105	100		
120	23.6	12.9	38.7

Instrument :
MSVOA_F
ClientSampleId :
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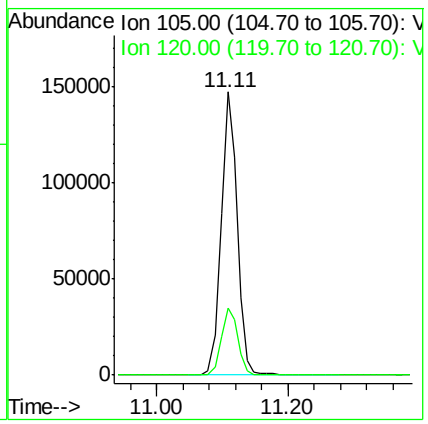
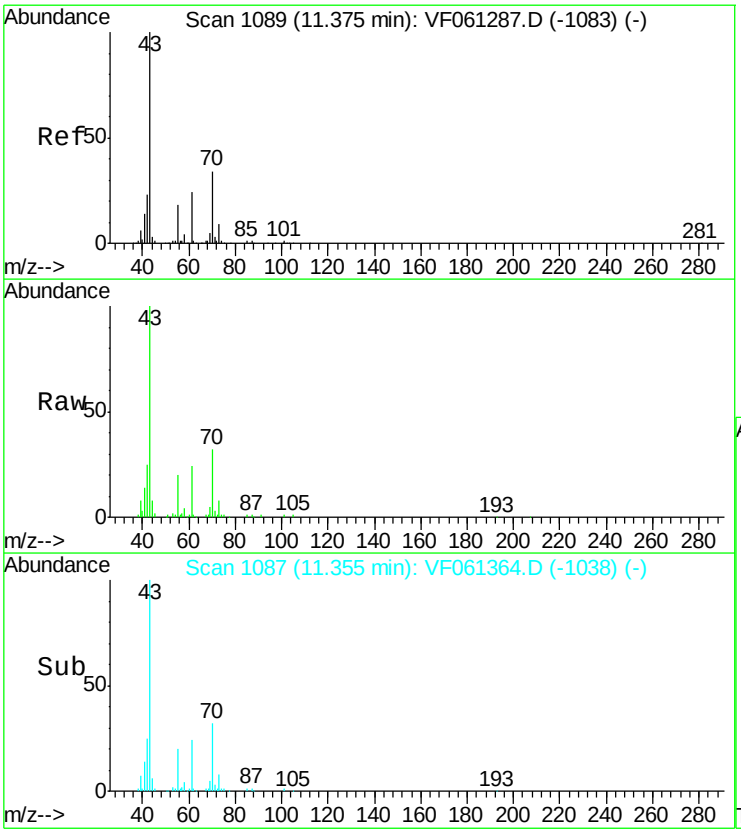
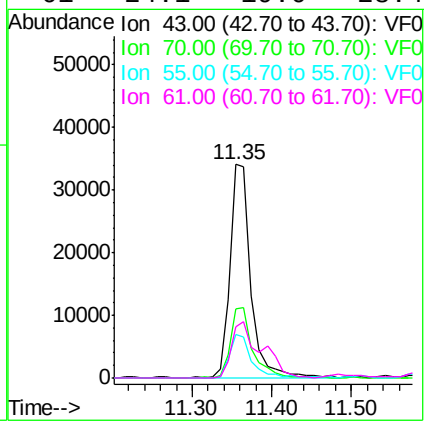


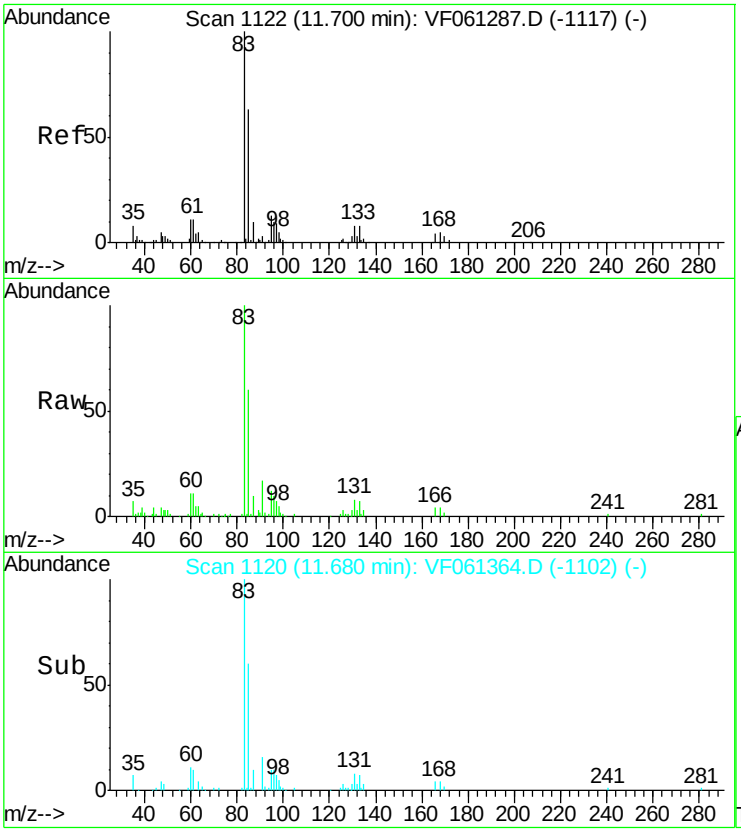


#74
N-amyl acetate
Concen: 23.021 ug/l
RT: 11.35 min Scan# 1087
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 43 Resp: 63170

Ion	Ratio	Lower	Upper
43	100		
70	32.4	27.4	41.0
55	20.4	14.7	22.1
61	24.1	19.0	28.4

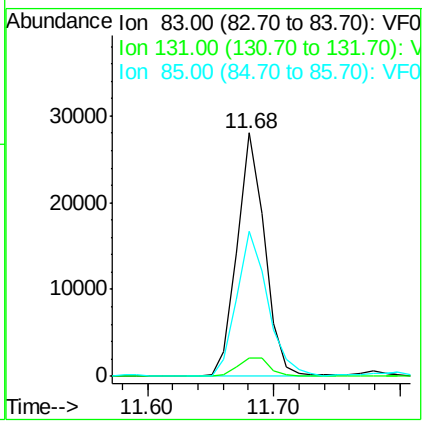




#75
1,1,2,2-Tetrachloroethane
Concen: 22.353 ug/l
RT: 11.68 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 83 Resp: 42784

Ion	Ratio	Lower	Upper
83	100		
131	7.6	3.9	11.7
85	59.7	31.6	94.7



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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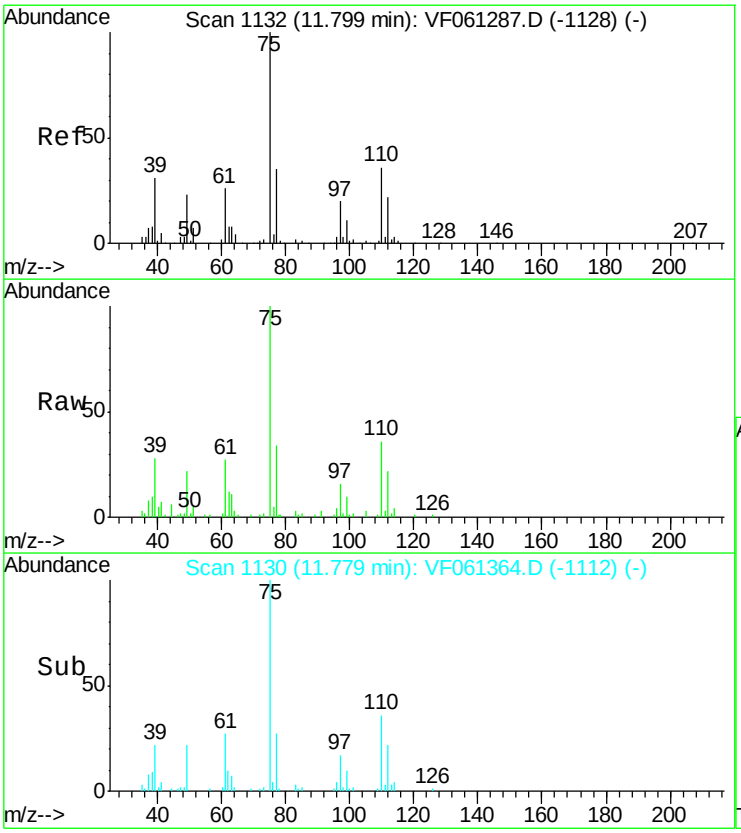
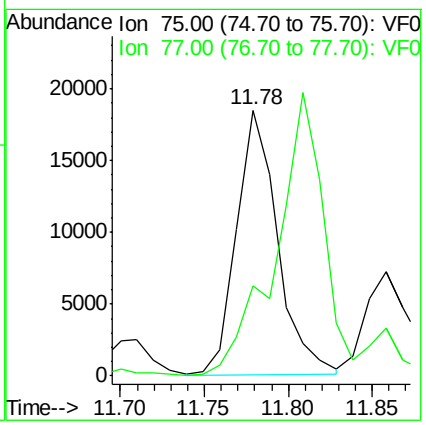
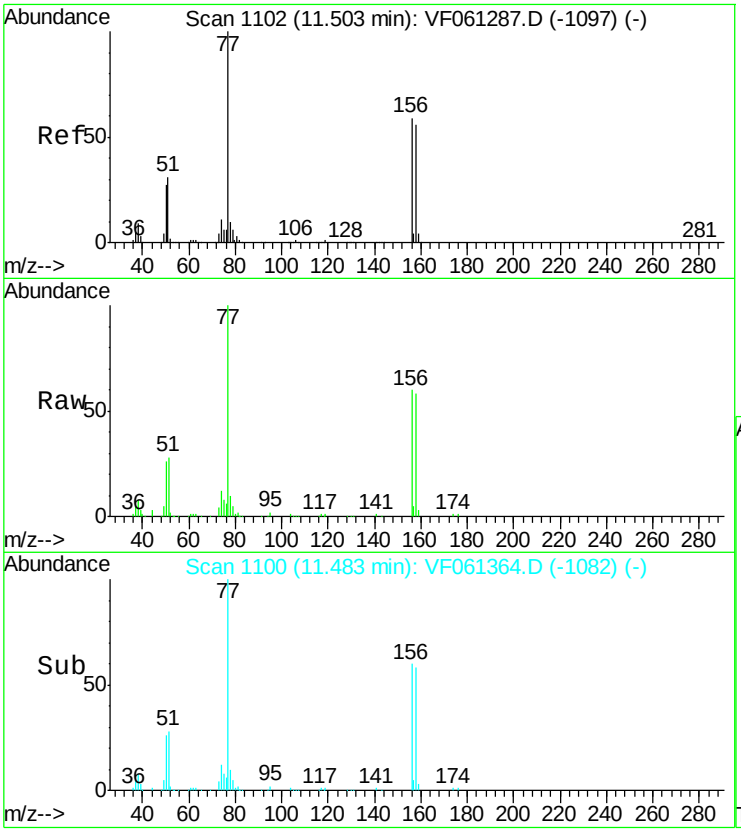


#76
1,2,3-Trichloropropane
Concen: 22.311 ug/l
RT: 11.78 min Scan# 1130
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 75 Resp: 31320

Ion	Ratio	Lower	Upper
75	100		
77	33.7	17.5	52.5

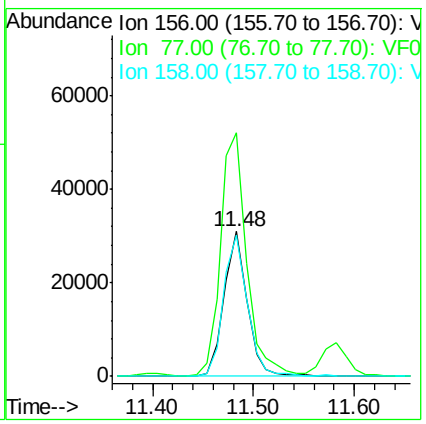




#77
Bromobenzene
Concen: 20.717 ug/l
RT: 11.48 min Scan# 1100
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:156 Resp: 49753

Ion	Ratio	Lower	Upper
156	100		
77	168.0	84.3	252.9
158	97.7	47.1	141.3



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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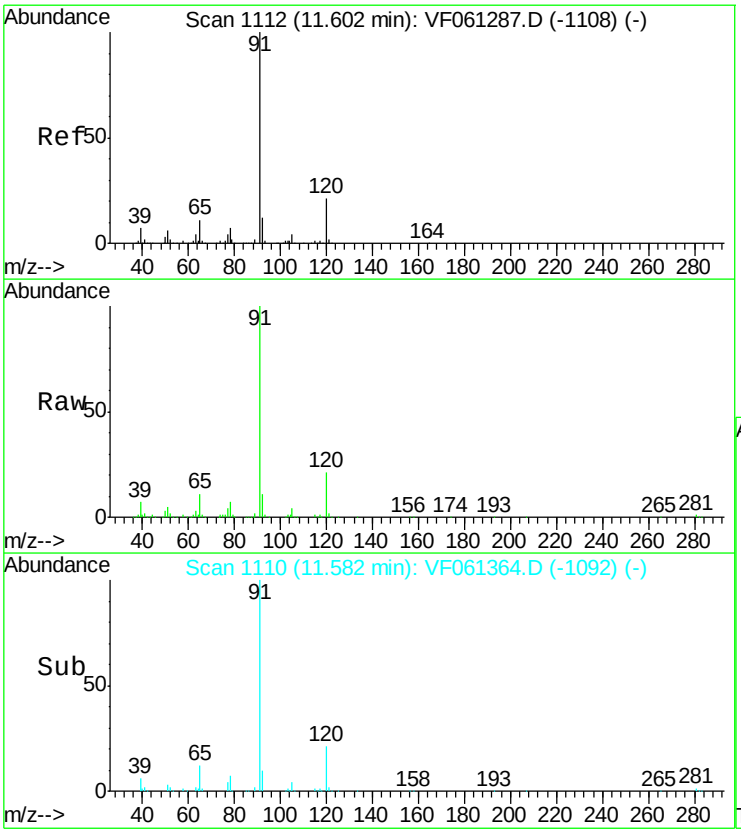
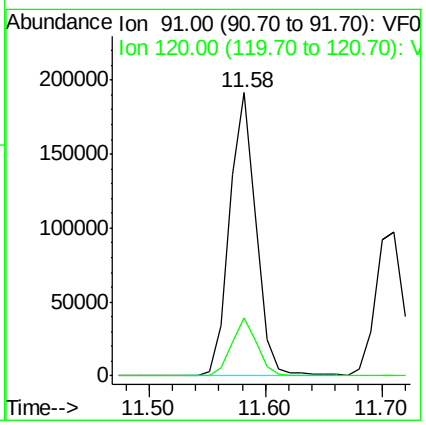
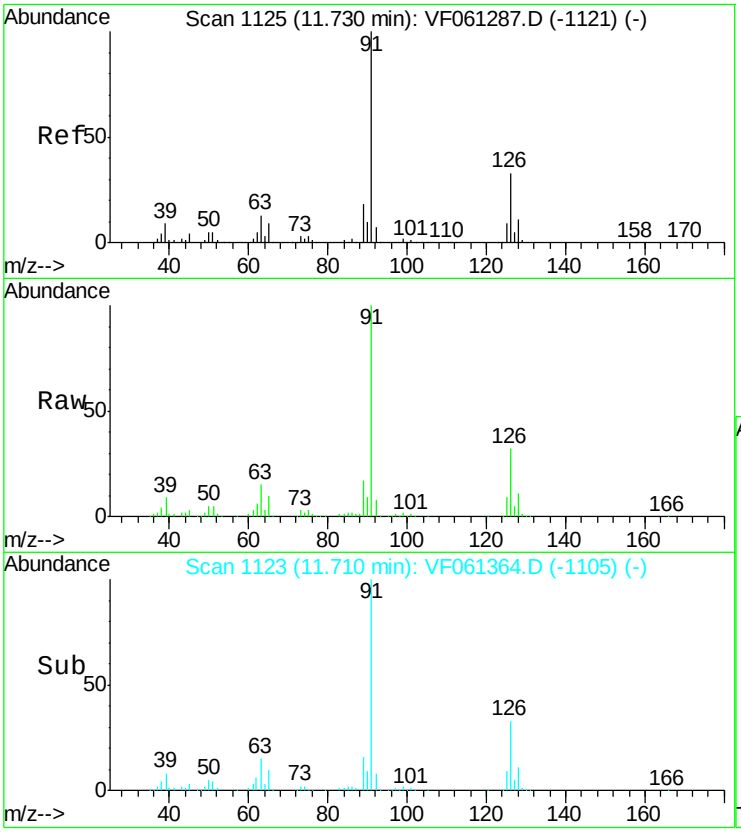


#78
n-propylbenzene
Concen: 20.677 ug/l
RT: 11.58 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 91 Resp: 297590

Ion	Ratio	Lower	Upper
91	100		
120	20.6	10.7	32.1

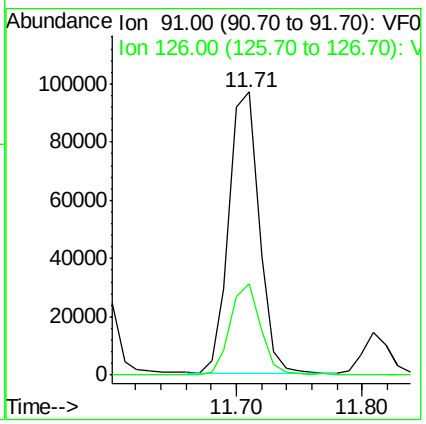




#79
2-Chlorotoluene
Concen: 20.032 ug/l
RT: 11.71 min Scan# 1123
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 91 Resp: 160633

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.6	49.8



Instrument :
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ClientSampleId :
VF0111SBSD01

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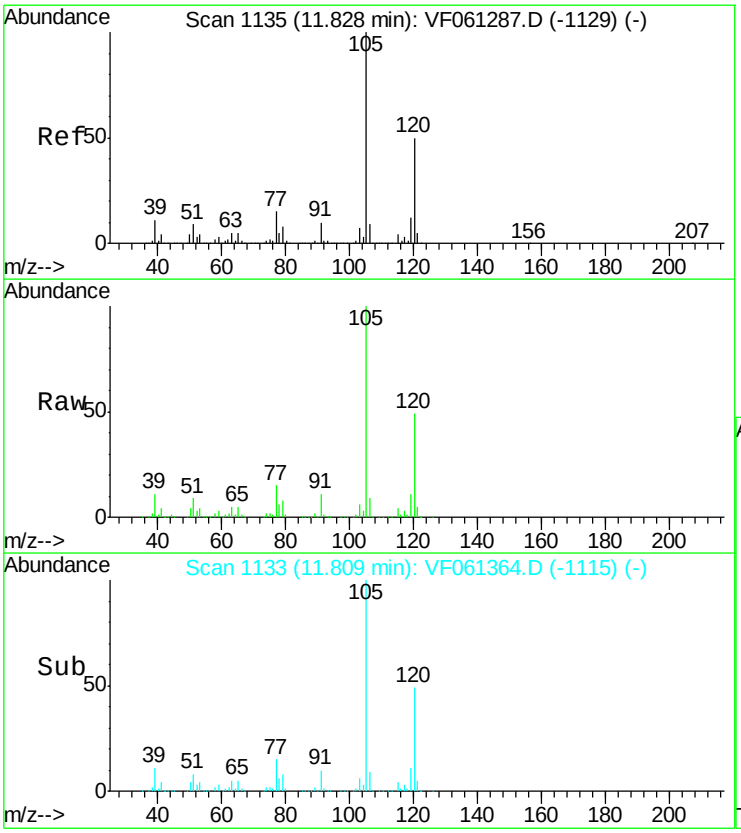
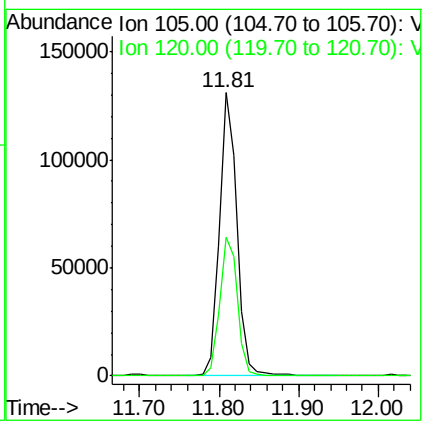
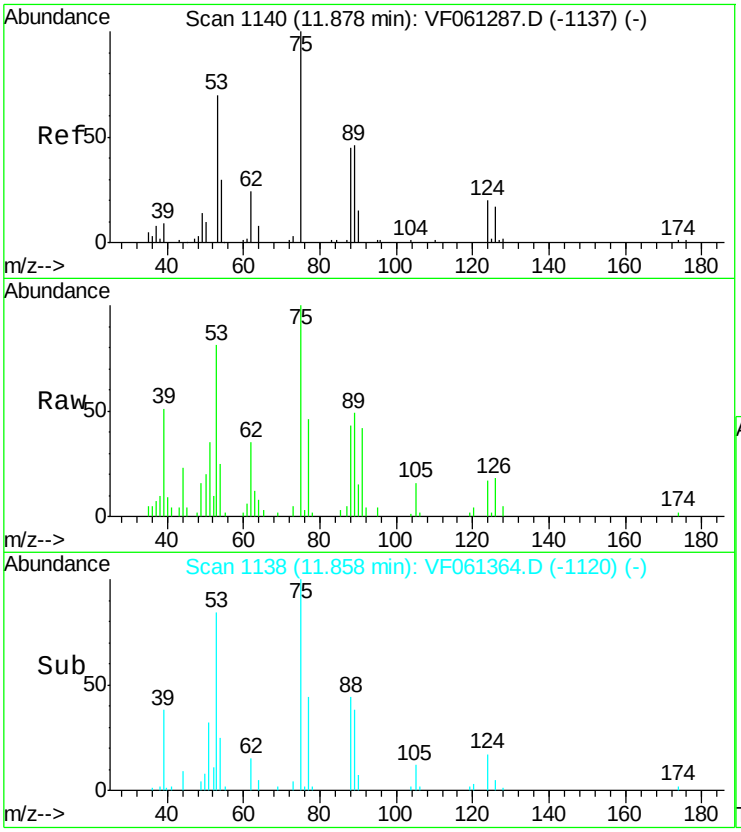


#80
1,3,5-Trimethylbenzene
Concen: 21.202 ug/l
RT: 11.81 min Scan# 1133
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:105 Resp: 203653

Ion	Ratio	Lower	Upper
105	100		
120	49.1	25.2	75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.755 ug/l m
RT: 11.86 min Scan# 1138
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 75 Resp: 12732

Ion	Ratio	Lower	Upper
75	100		
53	81.5	62.2	93.2
89	49.0	40.2	60.4

Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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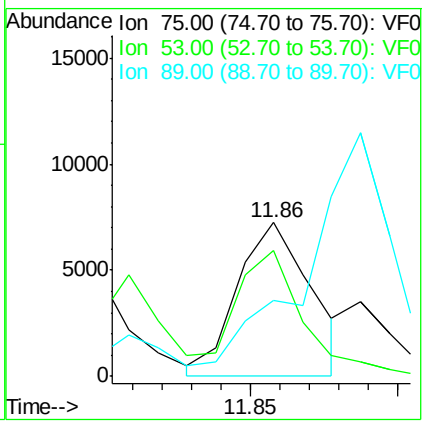
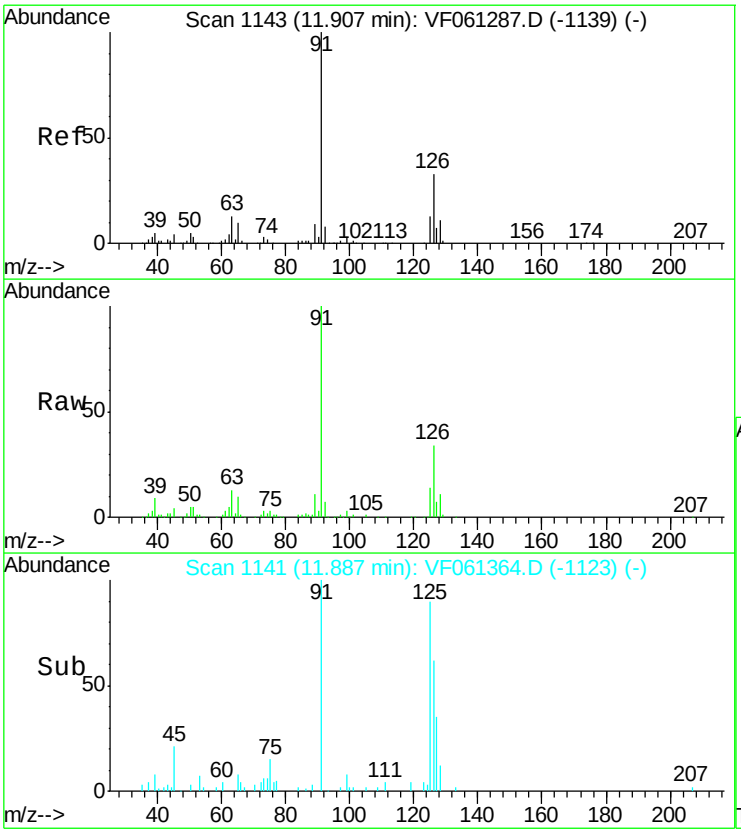
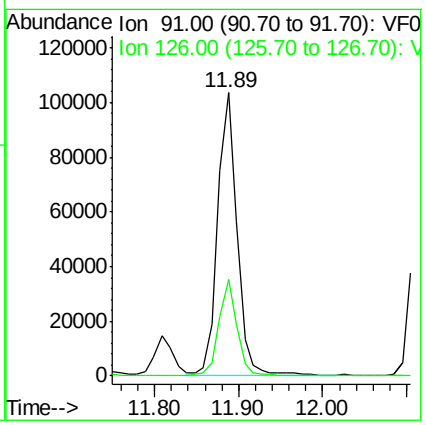


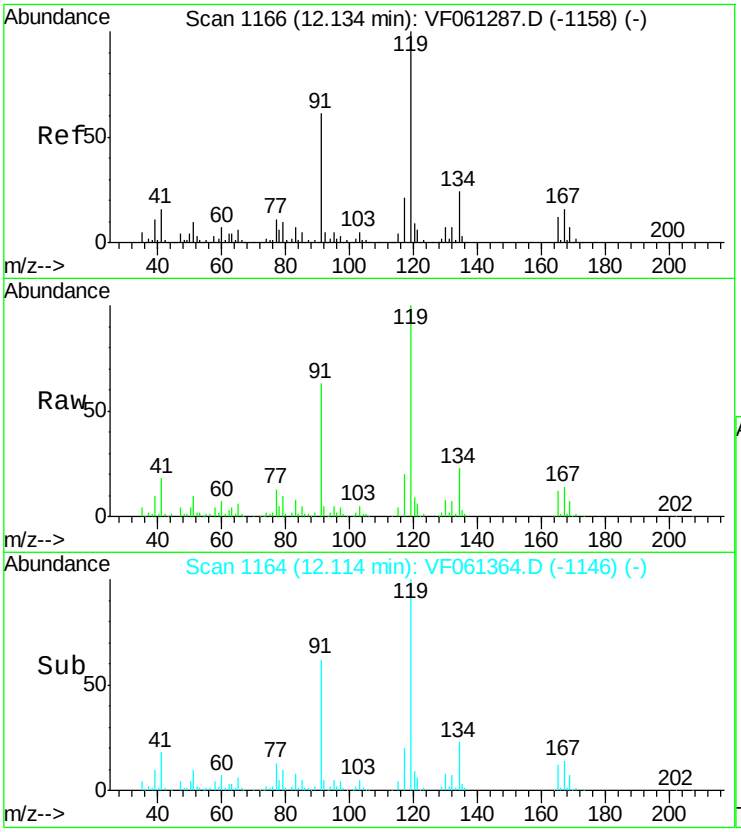


#82
4-Chlorotoluene
Concen: 20.206 ug/l
RT: 11.89 min Scan# 1141
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 91 Resp: 164645

Ion	Ratio	Lower	Upper
91	100		
126	34.3	16.4	49.4

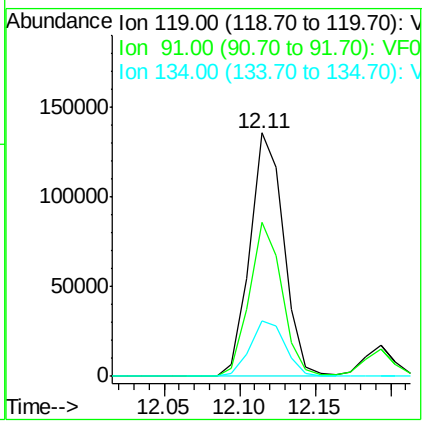




#83
tert-Butylbenzene
Concen: 22.283 ug/l
RT: 12.11 min Scan# 1164
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:119 Resp: 213240

Ion	Ratio	Lower	Upper
119	100		
91	63.2	30.8	92.4
134	22.8	11.9	35.9



Instrument :
MSVOA_F
ClientSampleId :
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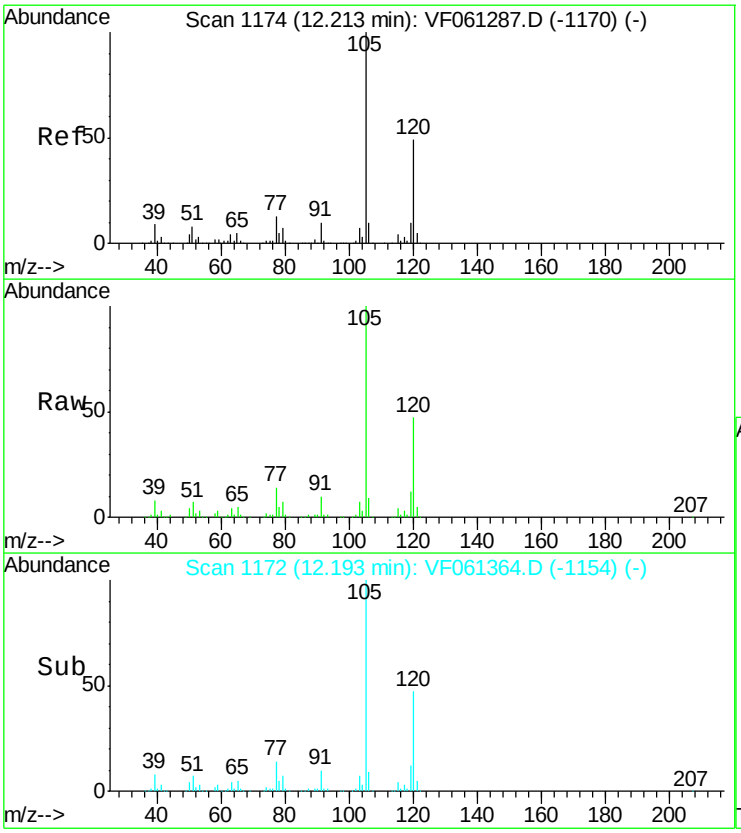
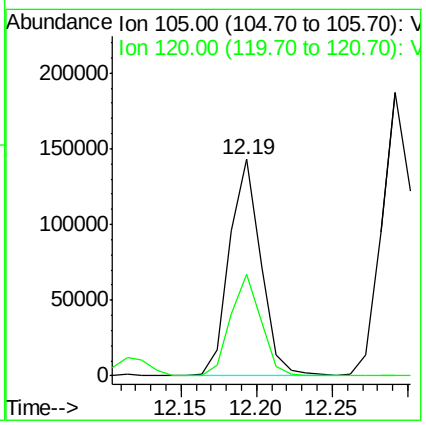
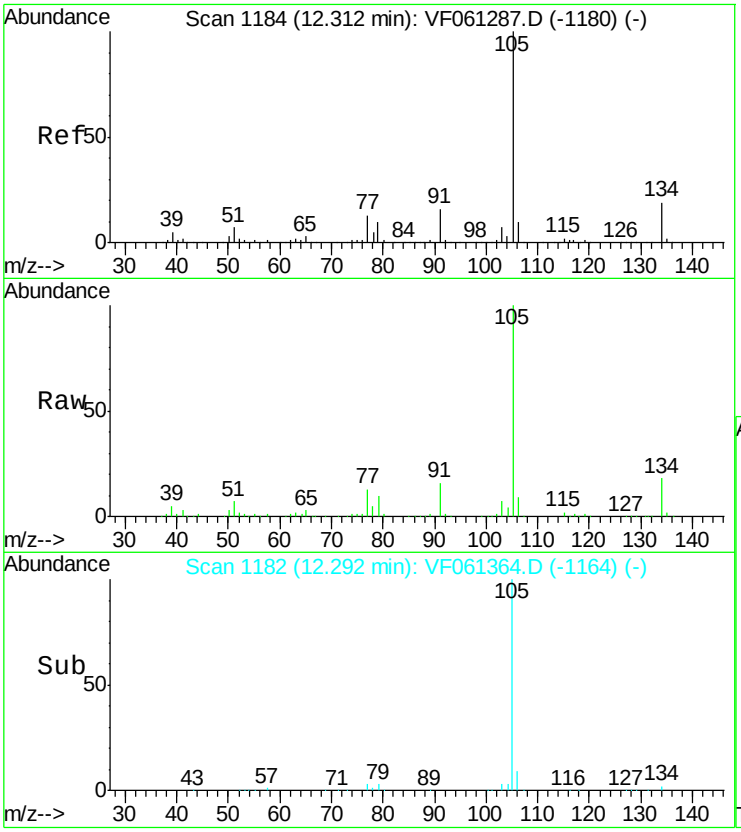


#84
1,2,4-Trimethylbenzene
Concen: 21.717 ug/l
RT: 12.19 min Scan# 1172
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:105 Resp: 207099

Ion	Ratio	Lower	Upper
105	100		
120	47.0	24.7	74.1





#85
sec-Butylbenzene
Concen: 19.921 ug/l
RT: 12.29 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:105 Resp: 271441

Ion	Ratio	Lower	Upper
105	100		
134	18.1	9.7	28.9

Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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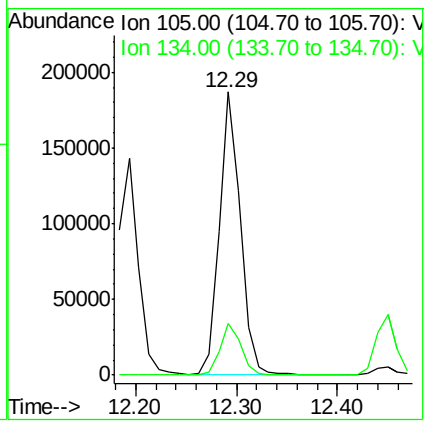
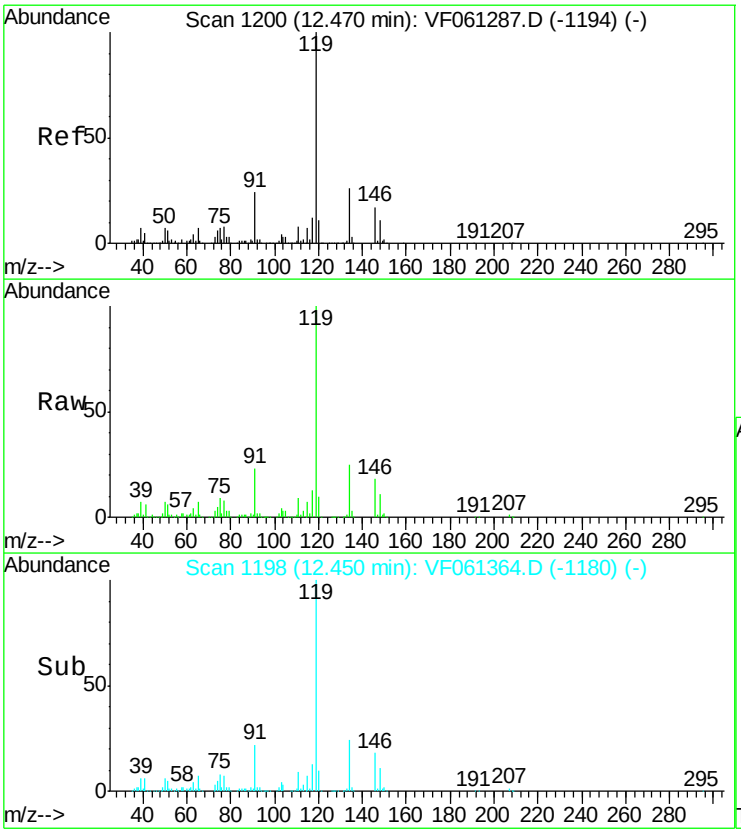
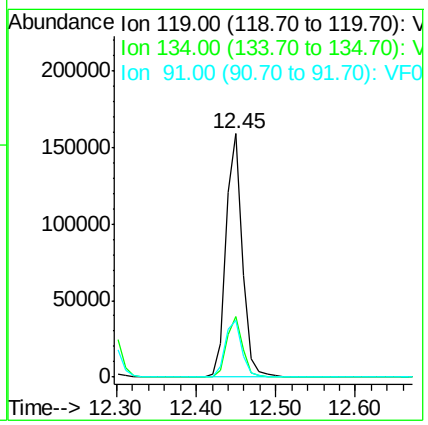


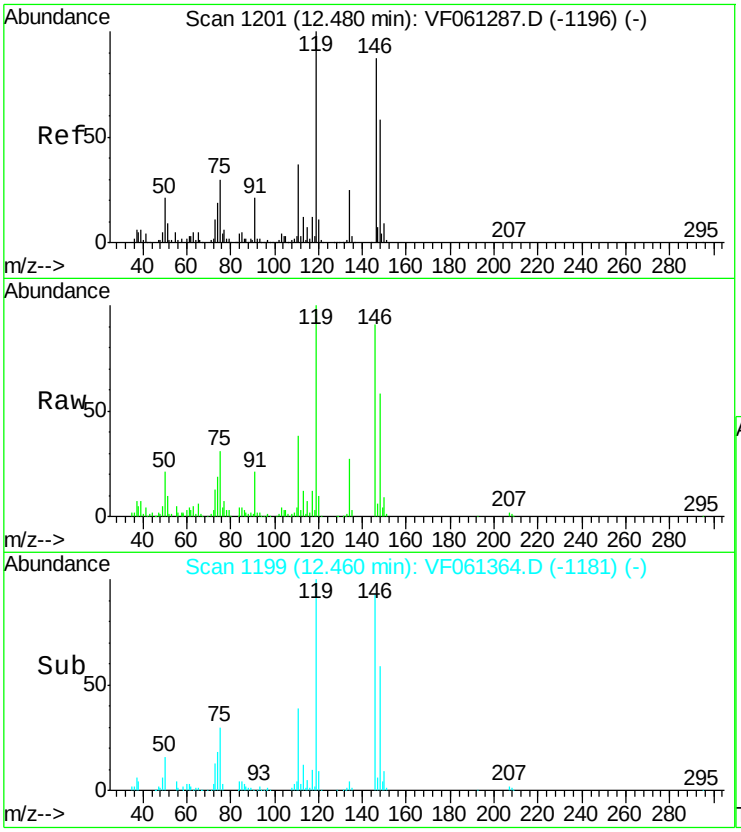


#86
p-Isopropyltoluene
Concen: 20.867 ug/l
RT: 12.45 min Scan# 1198
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:119 Resp: 231273

Ion	Ratio	Lower	Upper
119	100		
134	25.1	13.0	39.0
91	23.2	12.2	36.4

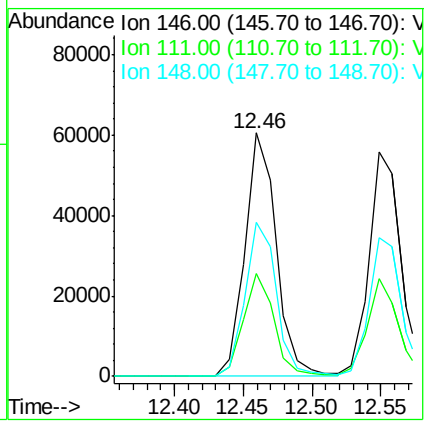




#87
1,3-Dichlorobenzene
Concen: 20.720 ug/l
RT: 12.46 min Scan# 1199
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:146 Resp: 97175

Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.3
148	63.2	33.1	99.5



Instrument :
MSVOA_F
ClientSampleId :
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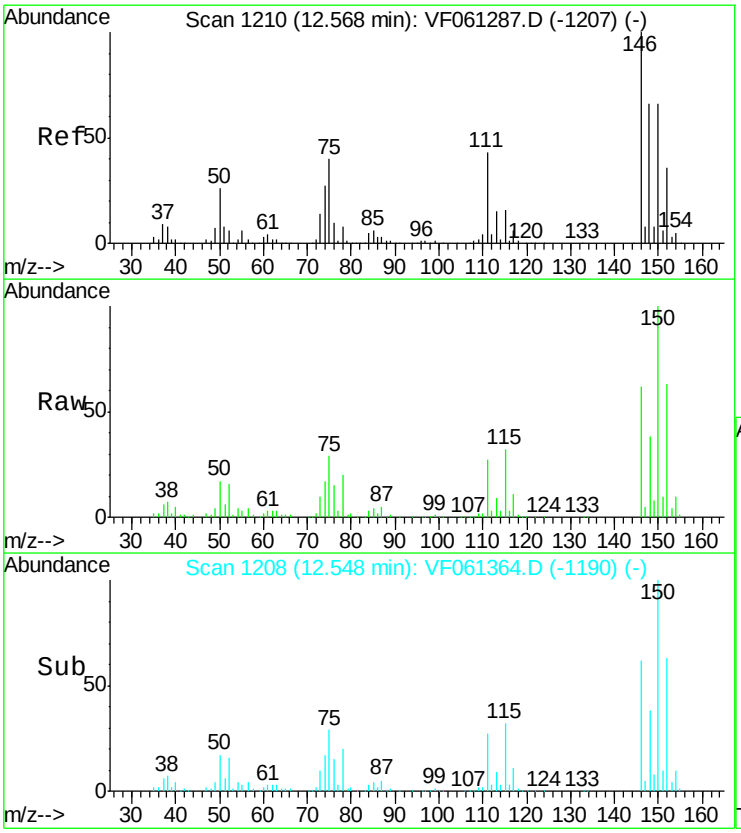
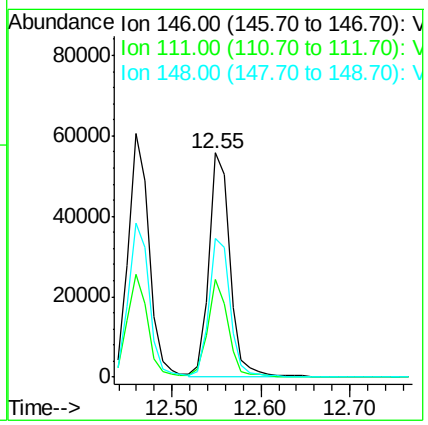
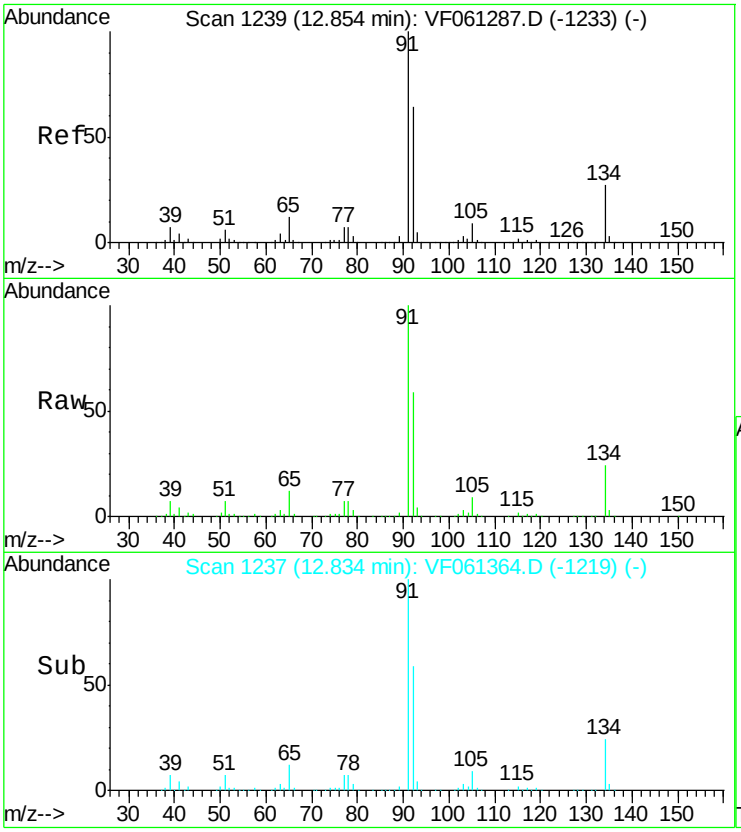


#88
1,4-Dichlorobenzene
Concen: 20.159 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:146 Resp: 90890

Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.4	64.2
148	62.0	33.0	98.9

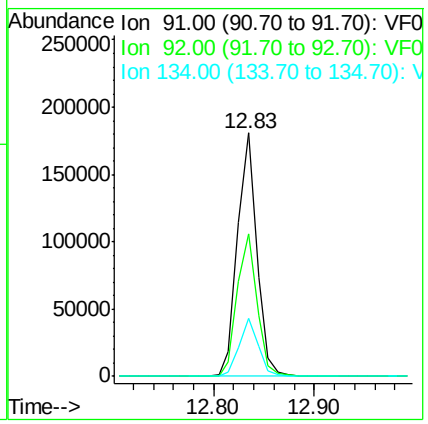




#89
n-Butylbenzene
Concen: 21.372 ug/l
RT: 12.83 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 91 Resp: 243375

Ion	Ratio	Lower	Upper
91	100		
92	58.5	32.1	96.3
134	23.8	13.4	40.1



Instrument :
MSVOA_F
ClientSampleId :
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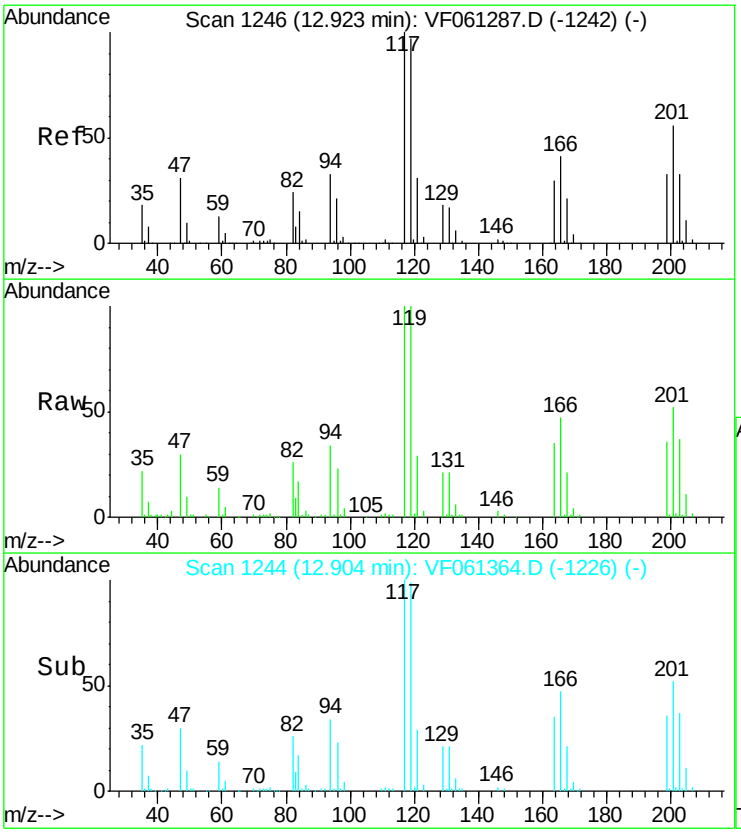
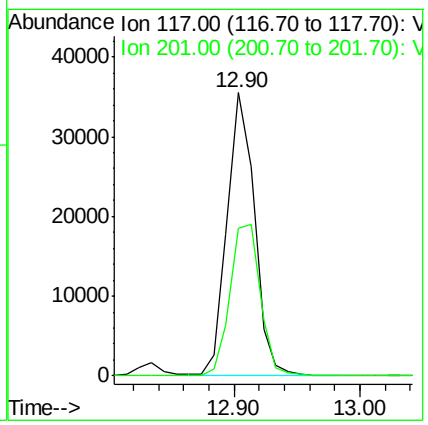
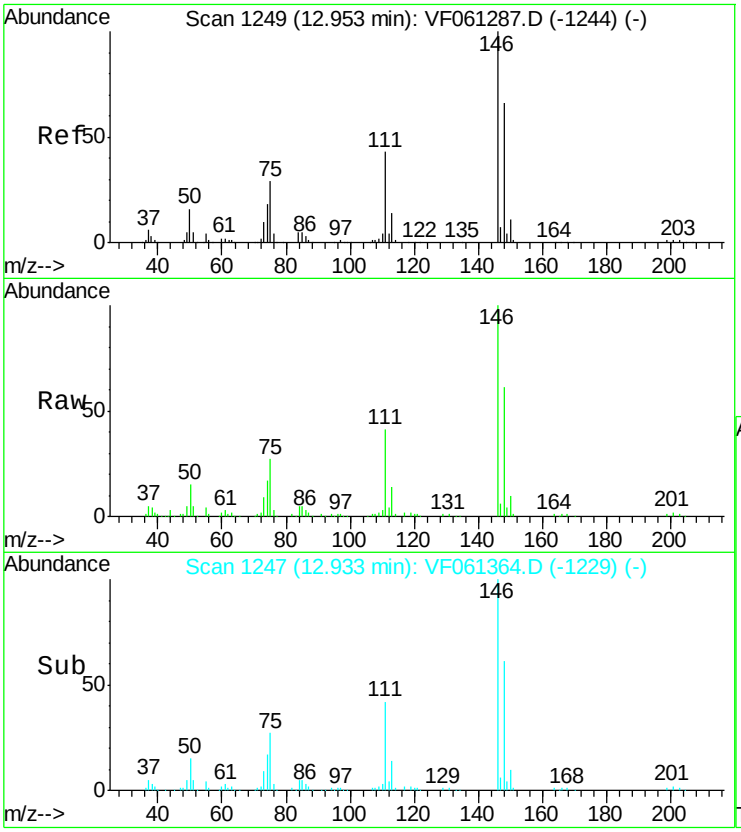


#90
Hexachloroethane
Concen: 21.083 ug/l
RT: 12.90 min Scan# 1244
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:117 Resp: 53449

Ion	Ratio	Lower	Upper
117	100		
201	52.3	27.9	83.7

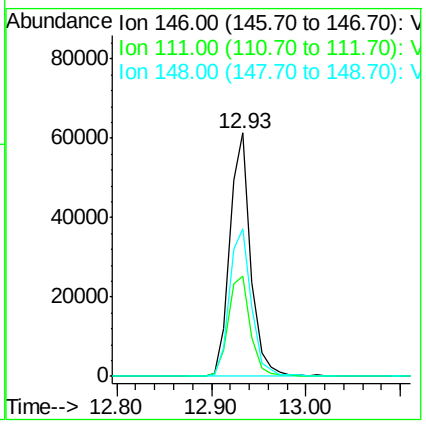




#91
1,2-Dichlorobenzene
Concen: 20.965 ug/l
RT: 12.93 min Scan# 1247
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:146 Resp: 93849

Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.4	64.3
148	60.7	33.1	99.2



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

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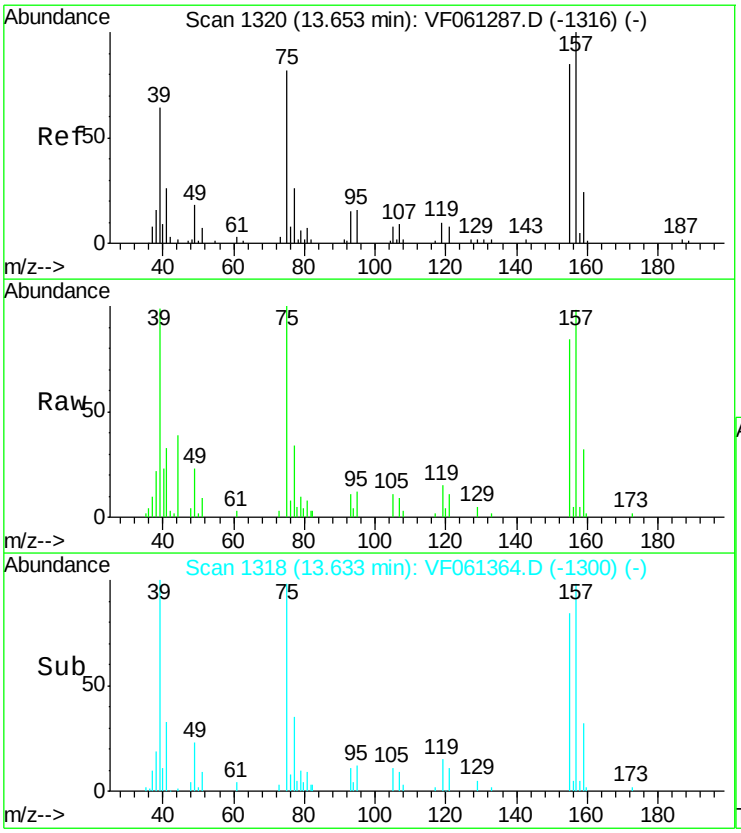
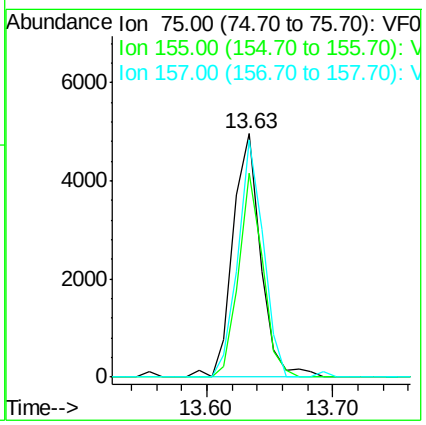
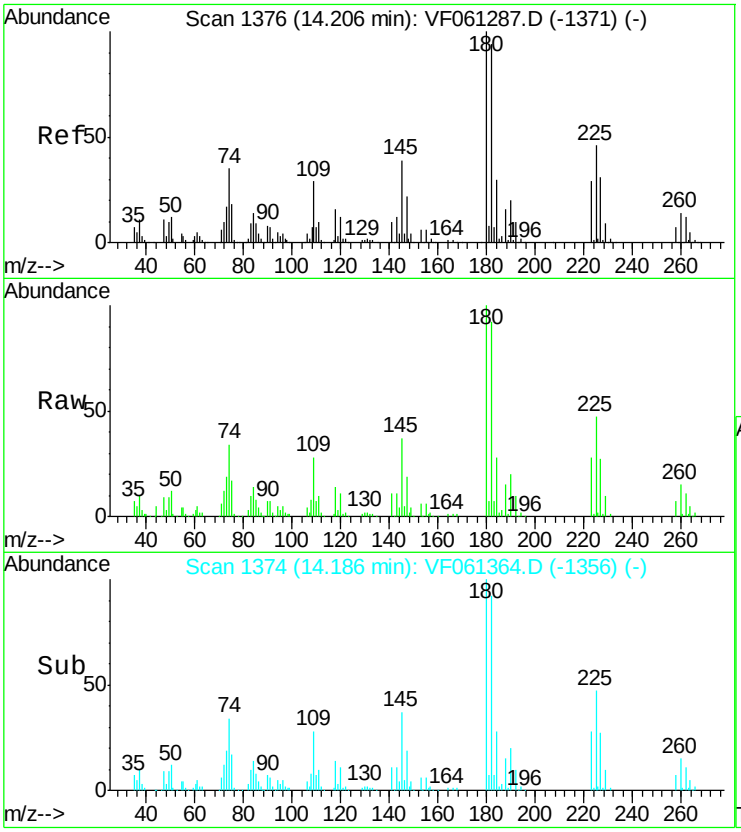


#92
1,2-Dibromo-3-Chloropropane
Concen: 23.300 ug/l
RT: 13.63 min Scan# 1318
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion: 75 Resp: 7535

Ion	Ratio	Lower	Upper
75	100		
155	83.8	51.3	154.0
157	97.5	60.7	182.0

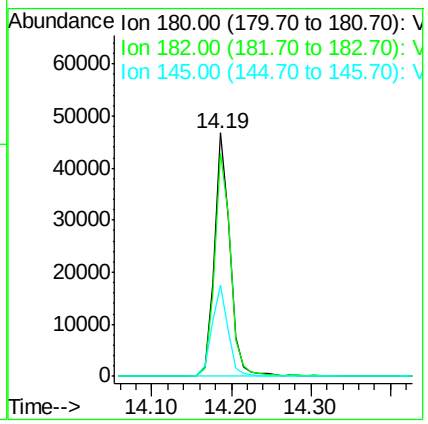




#93
1,2,4-Trichlorobenzene
Concen: 21.154 ug/l
RT: 14.19 min Scan# 1374
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:180 Resp: 65164

Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.0	141.2
145	37.5	19.7	59.1



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

Manual Integrations APPROVED
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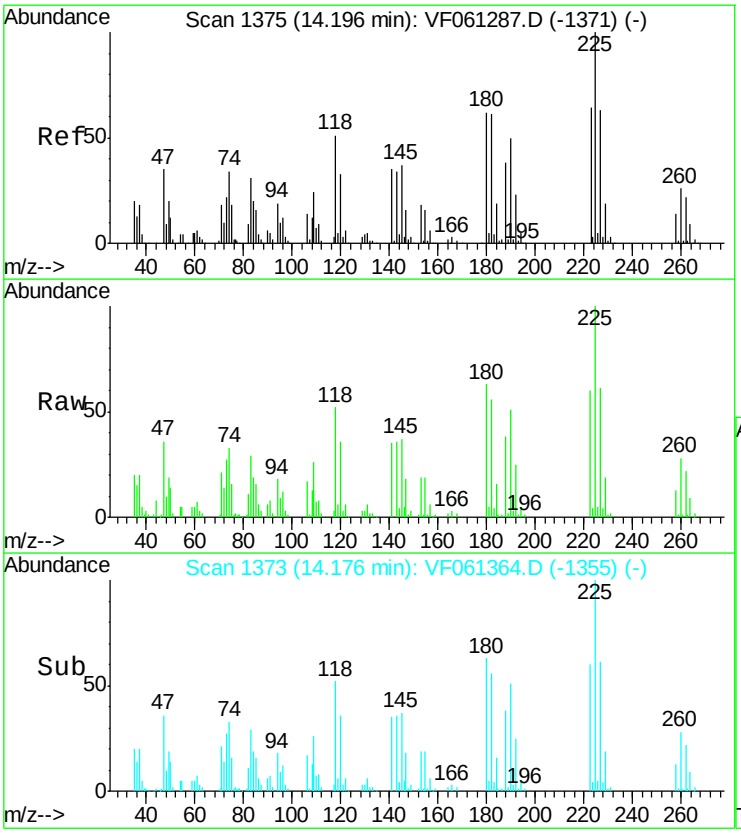
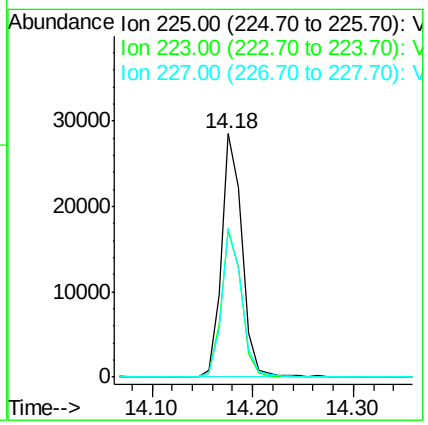
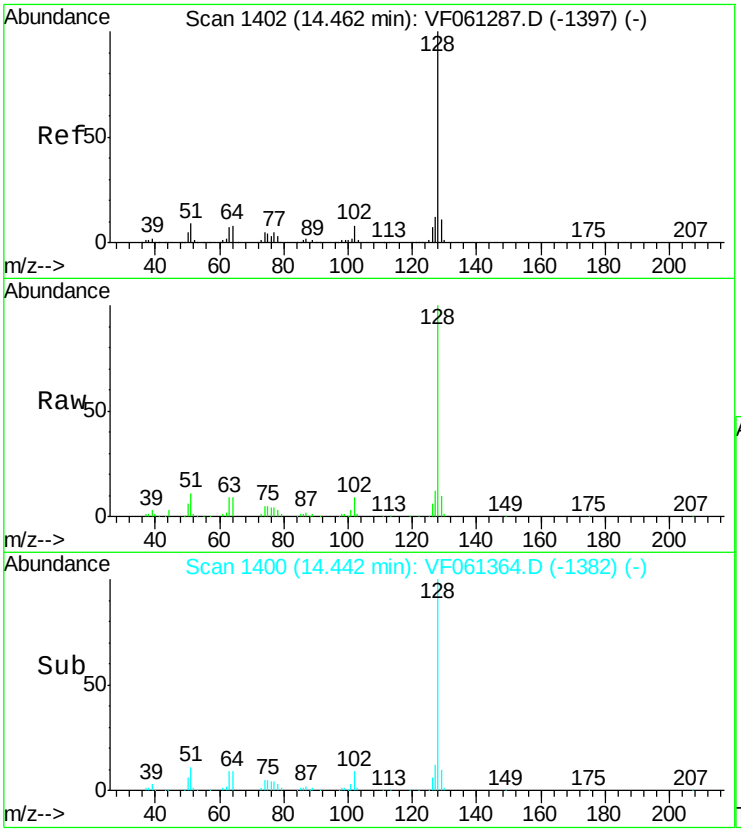


#94
Hexachlorobutadiene
Concen: 20.409 ug/l
RT: 14.18 min Scan# 1373
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:225 Resp: 40473

Ion	Ratio	Lower	Upper
225	100		
223	59.9	31.8	95.4
227	61.0	31.3	93.9

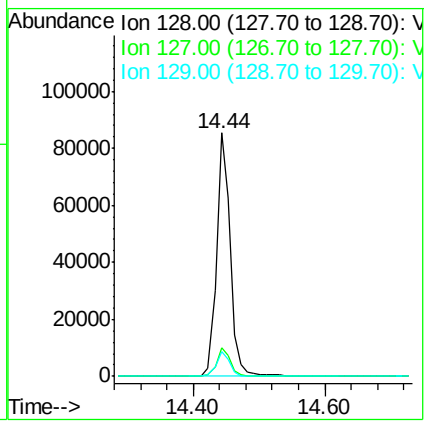




#95
Naphthalene
Concen: 21.065 ug/l
RT: 14.44 min Scan# 1400
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:128 Resp: 122285

Ion	Ratio	Lower	Upper
128	100		
127	11.5	9.4	14.0
129	10.3	8.8	13.2



Instrument :
MSVOA_F
ClientSampleId :
VF0111SBSD01

Manual Integrations APPROVED
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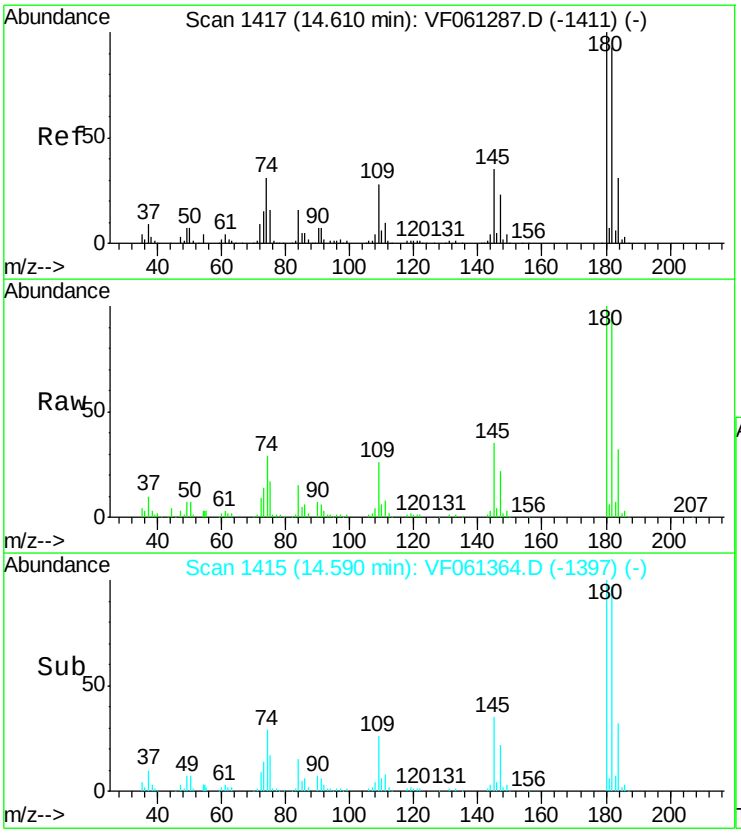

#96
1,2,3-Trichlorobenzene
Concen: 20.365 ug/l
RT: 14.59 min Scan# 1415
Delta R.T. -0.02 min
Lab File: VF061364.D
Acq: 11 Jan 2019 13:19

Tgt Ion:180 Resp: 59093

Ion	Ratio	Lower	Upper
180	100		
182	96.6	46.5	139.3
145	35.0	17.5	52.6