

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
 Data File : VF061077.D
 Acq On : 19 Dec 2018 11:05
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/20/2018 10:29:16 AM

Quant Time: Dec 20 02:32:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	241924	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	398718	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	375937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	168629	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	146489	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	4.11	113	155661	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	7.54	98	451482	49.88	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.41	95	205784	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.95	85	230825	42.922	ug/l	99
3) Chloromethane	1.10	50	151064	49.039	ug/l	96
4) Vinyl Chloride	1.14	62	135504	47.418	ug/l	93
5) Bromomethane	1.34	94	92638	46.738	ug/l	100
6) Chloroethane	1.39	64	63177	47.980	ug/l	# 86
7) Trichlorofluoromethane	1.49	101	251163	46.031	ug/l	96
8) Diethyl Ether	1.62	74	35851	47.982	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	1.83	101	124259	43.922	ug/l	94
10) Methyl Iodide	1.90	142	211708m	47.474	ug/l	
11) Tert butyl alcohol	2.57	59	28083	223.655	ug/l	98
12) 1,1-Dichloroethene	1.78	96	100121	46.949	ug/l	97
13) Acrolein	2.00	56	24443	269.398	ug/l	89
14) Allyl chloride	2.09	41	125960	56.757	ug/l	88
15) Acrylonitrile	2.94	53	71411	245.945	ug/l	98
16) Acetone	2.24	43	157407	253.052	ug/l	93
17) Carbon Disulfide	1.83	76	310997	48.257	ug/l	96
18) Methyl Acetate	2.34	43	58259	45.270	ug/l	94
19) Methyl tert-butyl Ether	2.42	73	220438	46.569	ug/l	93
20) Methylene Chloride	2.18	84	100121m	50.406	ug/l	
21) trans-1,2-Dichloroethene	2.30	96	101384m	44.449	ug/l	
22) Diisopropyl ether	2.80	45	358561	48.504	ug/l	92
23) Vinyl Acetate	3.18	43	867968	254.514	ug/l	99
24) 1,1-Dichloroethane	2.87	63	203276	46.410	ug/l	99
25) 2-Butanone	4.33	43	241144	239.035	ug/l	98
26) 2,2-Dichloropropane	3.60	77	119224	47.432	ug/l	99
27) cis-1,2-Dichloroethene	3.47	96	164211	47.027	ug/l	93
28) Bromochloromethane	3.71	49	113154	50.915	ug/l	93
29) Tetrahydrofuran	4.07	42	95152	231.738	ug/l	99
30) Chloroform	3.85	83	294410	44.829	ug/l	100
31) Cyclohexane	3.69	56	227134m	49.975	ug/l	
32) 1,1,1-Trichloroethane	4.08	97	176204	44.763	ug/l	97
36) 1,1-Dichloropropene	4.27	75	233468	48.510	ug/l	99
37) Ethyl Acetate	4.11	43	88318	46.629	ug/l	94
38) Carbon Tetrachloride	3.98	117	173077	47.222	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.45	83	235746	54.600	ug/l	97
40) Benzene	4.62	78	496462	47.967	ug/l	97
41) Methacrylonitrile	4.74	41	47445	46.679	ug/l	97
42) 1,2-Dichloroethane	4.94	62	173996	44.254	ug/l	97
43) Isopropyl Acetate	6.95	43	111016	47.772	ug/l #	99
44) Trichloroethene	5.49	130	156191	47.866	ug/l	96
45) 1,2-Dichloropropane	6.23	63	130009	46.170	ug/l	93
46) Dibromomethane	6.07	93	83138	45.522	ug/l	94
47) Bromodichloromethane	6.38	83	220937	46.559	ug/l	97
48) Methyl methacrylate	6.71	41	76856	47.375	ug/l	95
49) 1,4-Dioxane	6.70	88	10984	933.109	ug/l #	83
51) 4-Methyl-2-Pentanone	8.25	43	377630	236.943	ug/l	96
52) Toluene	7.62	92	318414	46.476	ug/l	96
53) t-1,3-Dichloropropene	8.27	75	184217	48.122	ug/l	98
54) cis-1,3-Dichloropropene	7.30	75	235187	48.951	ug/l	97
55) 1,1,2-Trichloroethane	8.49	97	96583	47.025	ug/l	95
56) Ethyl methacrylate	8.62	69	110407	49.678	ug/l	98
57) 1,3-Dichloropropane	8.84	76	180229	48.518	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.29	63	105778	247.819	ug/l	98
59) 2-Hexanone	9.49	43	290572	252.108	ug/l	97
60) Dibromochloromethane	8.71	129	138698	47.110	ug/l	95
61) 1,2-Dibromoethane	8.98	107	108244	49.347	ug/l	98
64) Tetrachloroethene	8.14	164	138939	48.044	ug/l	95
65) Chlorobenzene	9.79	112	361235	46.513	ug/l	95
66) 1,1,1,2-Tetrachloroethane	9.93	131	140439	44.250	ug/l	96
67) Ethyl Benzene	9.89	91	652978	46.151	ug/l	99
68) m/p-Xylenes	10.13	106	452016	90.779	ug/l	95
69) o-Xylene	10.71	106	259954	47.073	ug/l	88
70) Styrene	10.79	104	347730	51.855	ug/l	99
71) Bromoform	10.77	173	69324	47.212	ug/l #	95
73) Isopropylbenzene	11.12	105	719784	49.532	ug/l	100
74) N-amyl acetate	11.37	43	170782	52.935	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.70	83	120311	49.885	ug/l	98
76) 1,2,3-Trichloropropane	11.79	75	85509	47.642	ug/l	97
77) Bromobenzene	11.49	156	159835	51.095	ug/l	97
78) n-propylbenzene	11.59	91	848755	50.926	ug/l	99
79) 2-Chlorotoluene	11.71	91	484071	48.559	ug/l	98
80) 1,3,5-Trimethylbenzene	11.82	105	581693	48.613	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.86	75	41951m	54.393	ug/l	
82) 4-Chlorotoluene	11.89	91	495224	48.022	ug/l	99
83) tert-Butylbenzene	12.13	119	566595	46.016	ug/l	99
84) 1,2,4-Trimethylbenzene	12.20	105	572625	47.989	ug/l	99
85) sec-Butylbenzene	12.31	105	810953	50.468	ug/l	95
86) p-Isopropyltoluene	12.45	119	668288	50.105	ug/l	100
87) 1,3-Dichlorobenzene	12.47	146	287816	57.147	ug/l	100
88) 1,4-Dichlorobenzene	12.56	146	276458	48.129	ug/l	97
89) n-Butylbenzene	12.84	91	664850	49.152	ug/l	98
90) Hexachloroethane	12.92	117	165001	50.072	ug/l	76
91) 1,2-Dichlorobenzene	12.94	146	274780	49.135	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.64	75	22360	50.523	ug/l	96

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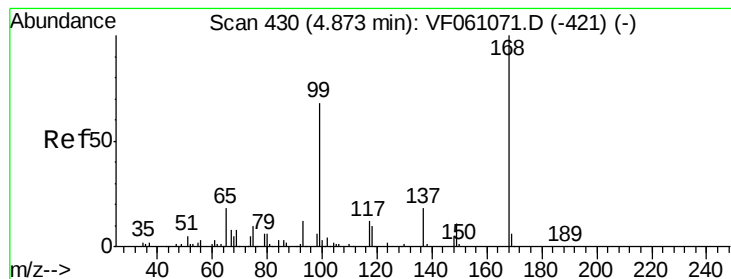
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.20	180	196581	49.566	ug/l	94
94) Hexachlorobutadiene	14.19	225	131044	51.878	ug/l	97
95) Naphthalene	14.46	128	383949	53.016	ug/l	99
96) 1,2,3-Trichlorobenzene	14.60	180	186215	50.789	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

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Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 241924

Ion Ratio Lower Upper

168 100

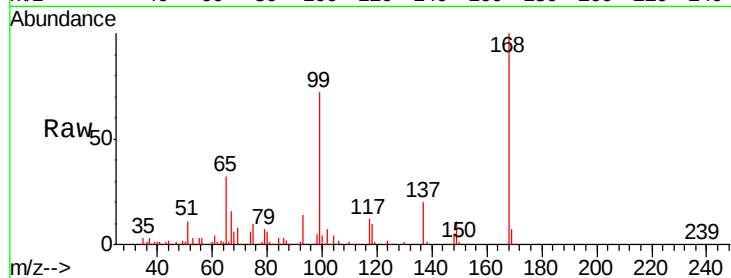
99 72.1 54.4 81.6

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

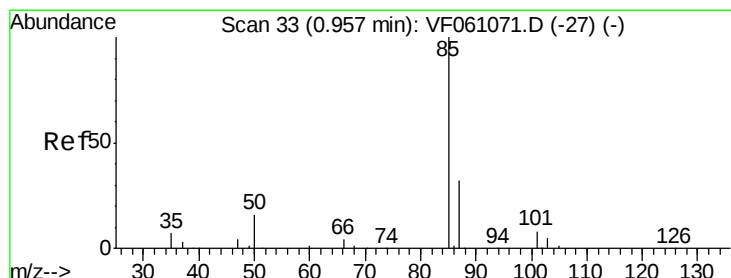
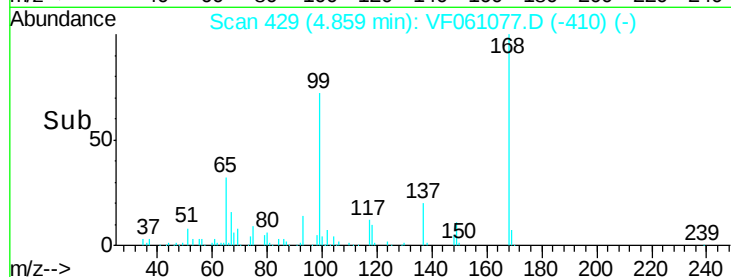
40000

20000

0

4.70 4.80 4.90 5.00

Time-->



#2

Dichlorodifluoromethane

Concen: 42.922 ug/l

RT: 0.95 min Scan# 33

Delta R.T. -0.00 min

Lab File: VF061077.D

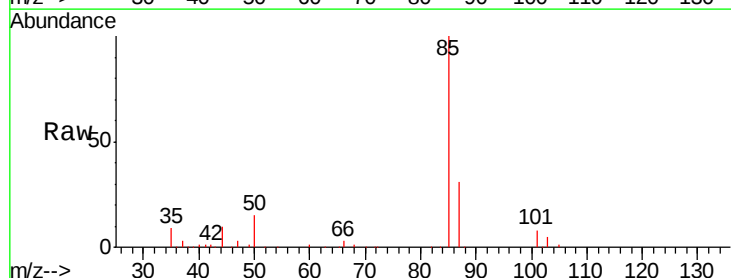
Acq: 19 Dec 2018 11:05

Tgt Ion: 85 Resp: 230825

Ion Ratio Lower Upper

85 100

87 30.9 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

60000

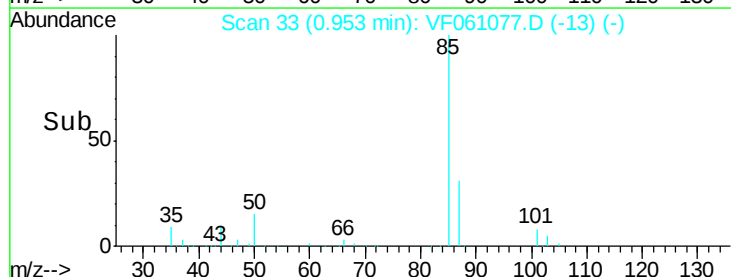
40000

20000

0

0.80 0.90 1.00 1.10

Time-->





#3

Chloromethane

Concen: 49.039 ug/l

RT: 1.10 min Scan# 48

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 151064

Ion Ratio Lower Upper

50 100

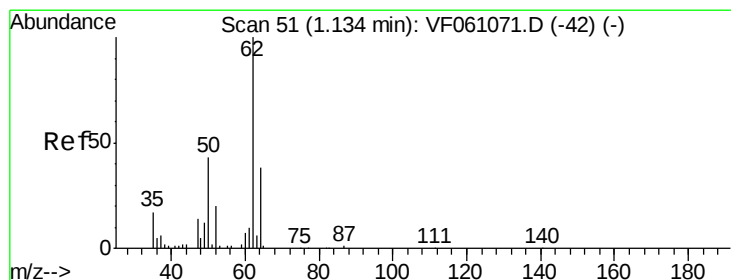
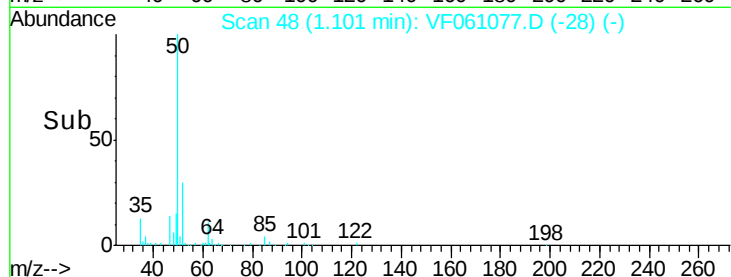
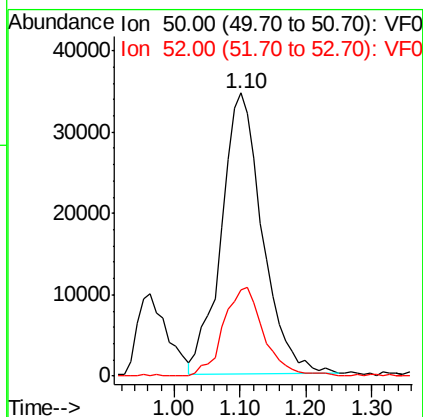
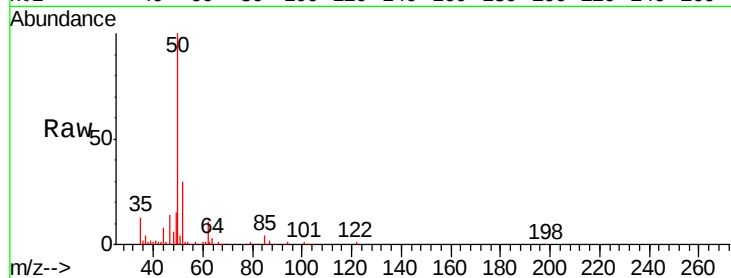
52 30.4 26.3 39.5

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#4

Vinyl Chloride

Concen: 47.418 ug/l

RT: 1.14 min Scan# 52

Delta R.T. 0.01 min

Lab File: VF061077.D

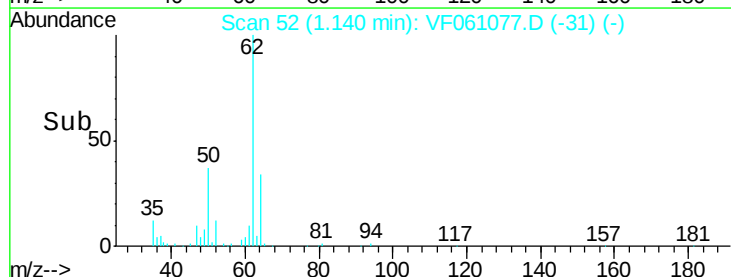
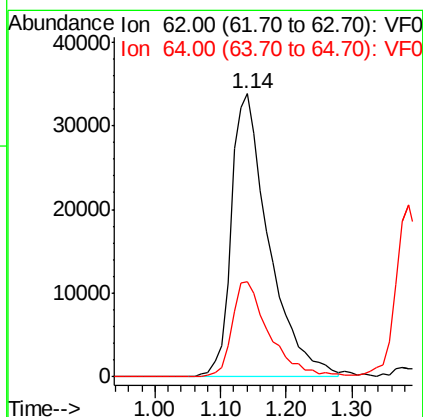
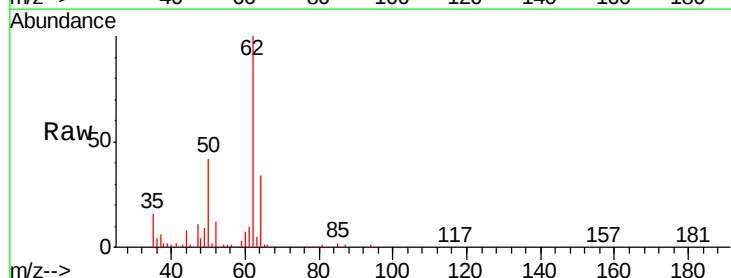
Acq: 19 Dec 2018 11:05

Tgt Ion: 62 Resp: 135504

Ion Ratio Lower Upper

62 100

64 33.6 30.4 45.6





#5

Bromomethane

Concen: 46.738 ug/l

RT: 1.34 min Scan# 72

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 92638

Ion Ratio Lower Upper

94 100

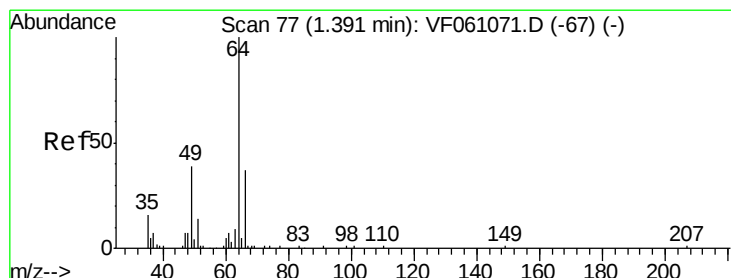
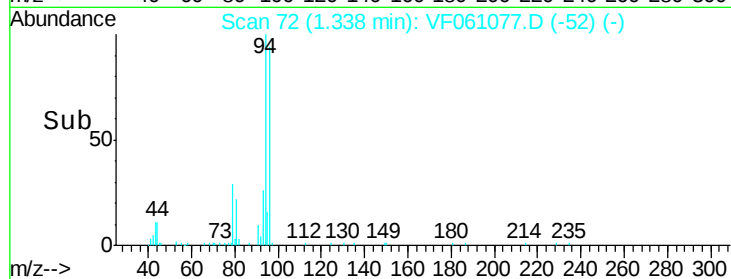
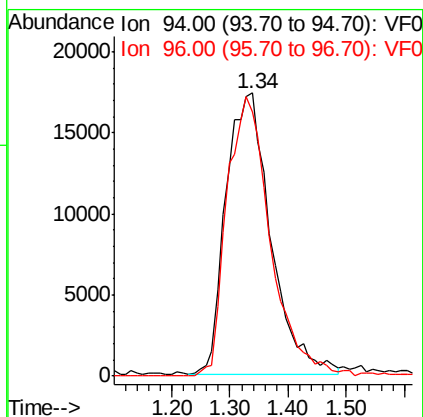
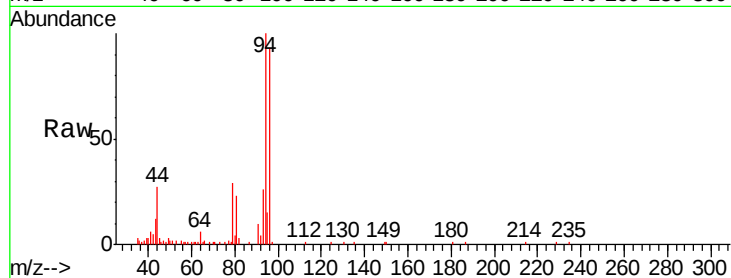
96 93.4 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 47.980 ug/l

RT: 1.39 min Scan# 77

Delta R.T. -0.00 min

Lab File: VF061077.D

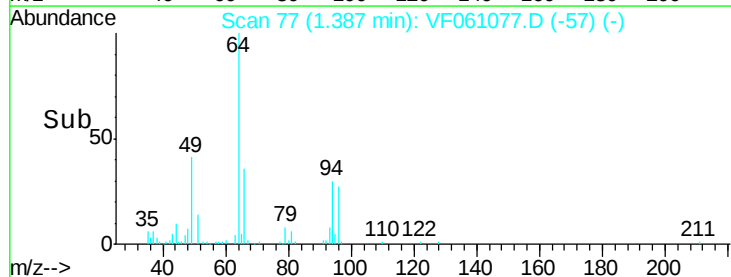
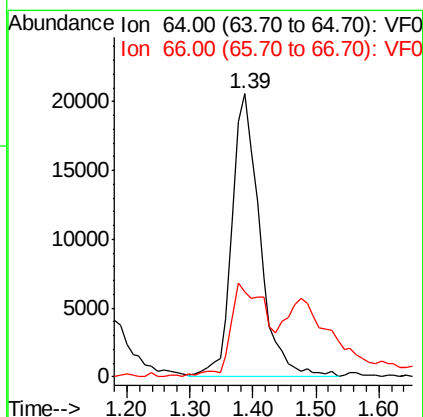
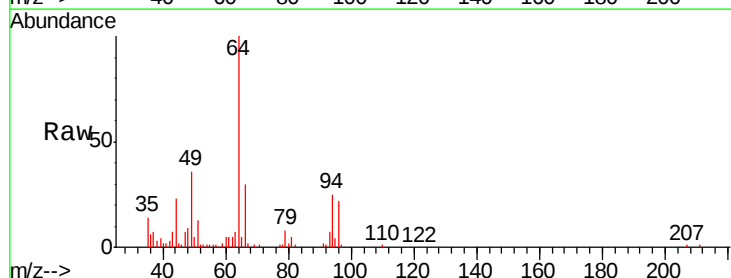
Acq: 19 Dec 2018 11:05

Tgt Ion: 64 Resp: 63177

Ion Ratio Lower Upper

64 100

66 29.9 30.9 46.3#





#7

Trichlorofluoromethane

Concen: 46.031 ug/l

RT: 1.49 min Scan# 87

Delta R.T. -0.01 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 251163

Ion Ratio Lower Upper

101 100

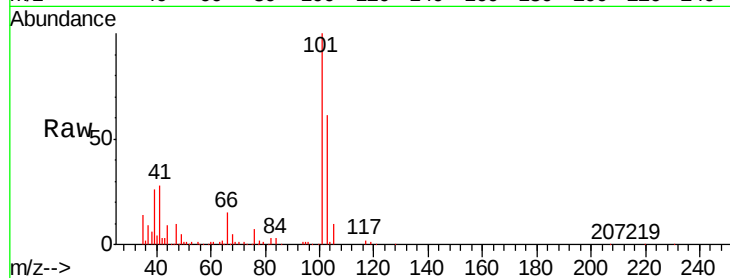
103 60.6 50.7 76.1

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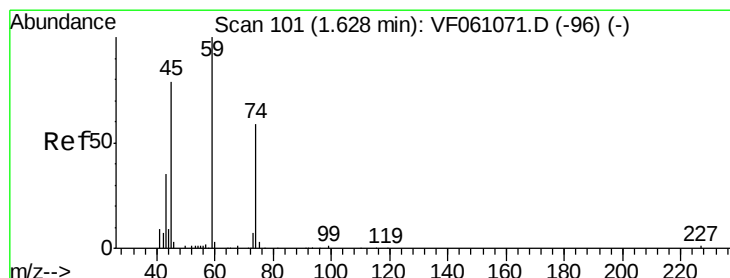
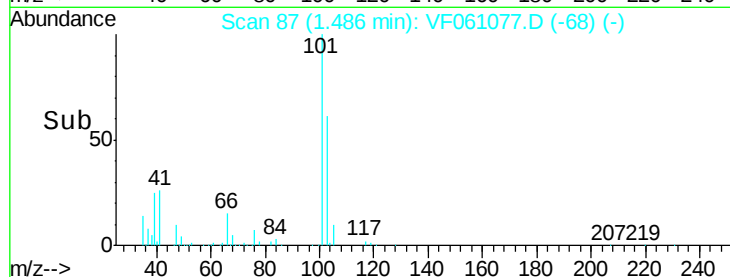
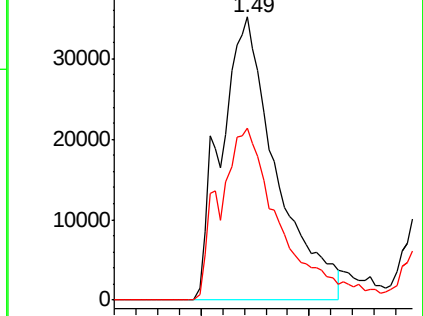
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 47.982 ug/l

RT: 1.62 min Scan# 101

Delta R.T. -0.00 min

Lab File: VF061077.D

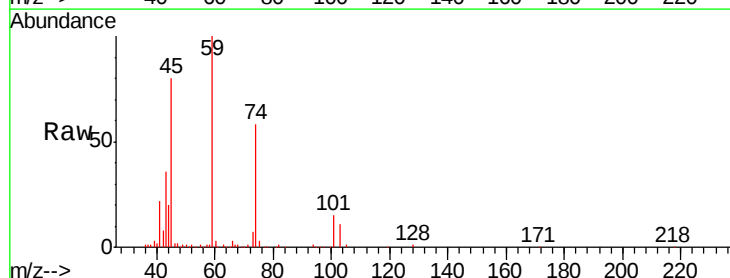
Acq: 19 Dec 2018 11:05

Tgt Ion: 74 Resp: 35851

Ion Ratio Lower Upper

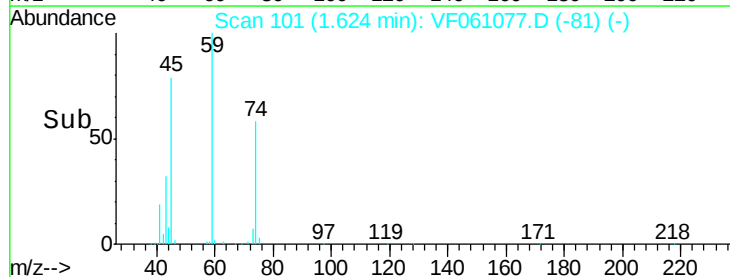
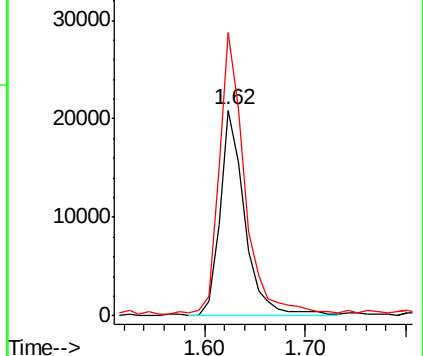
74 100

45 137.5 67.8 203.4



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.922 ug/l

RT: 1.83 min Scan# 122

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

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MSVOA_F

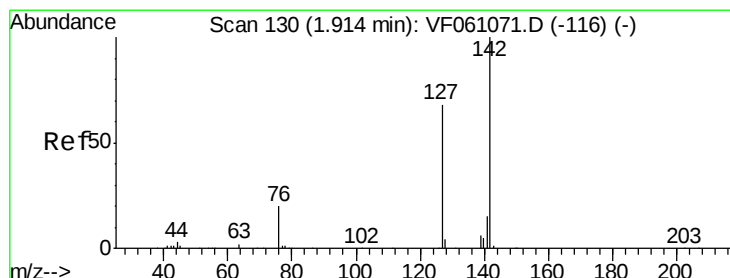
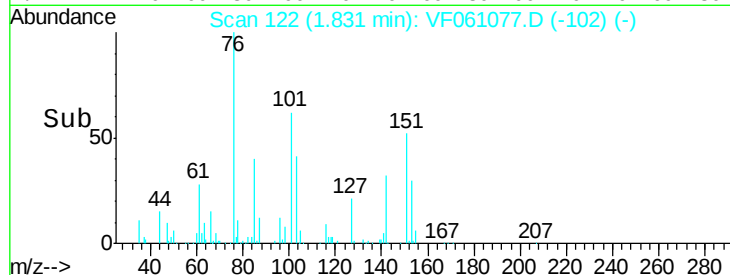
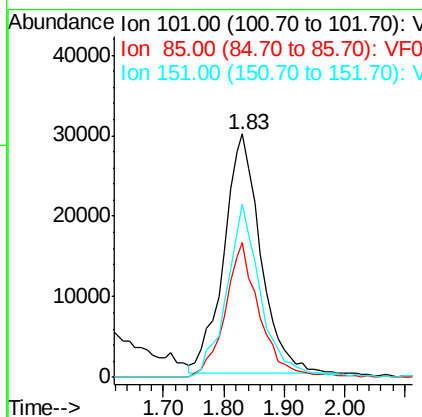
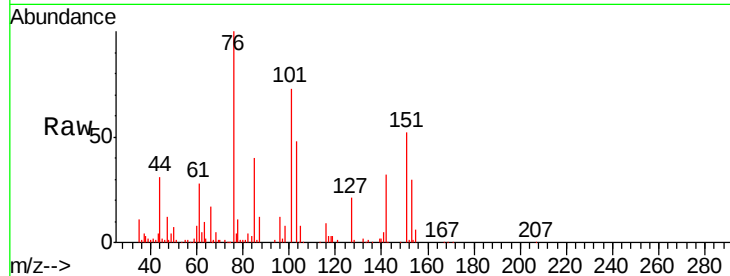
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	124259
Ion Ratio	Lower	Upper	
101	100		
85	55.4	44.5	66.7
151	71.4	49.9	74.9

Manual Integrations
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#10

Methyl Iodide

Concen: 47.474 ug/l m

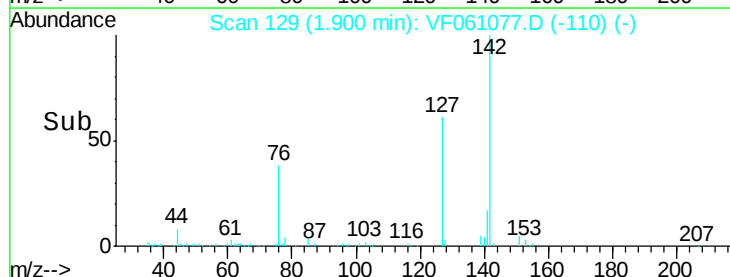
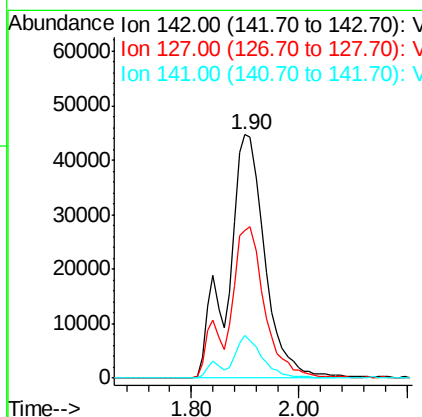
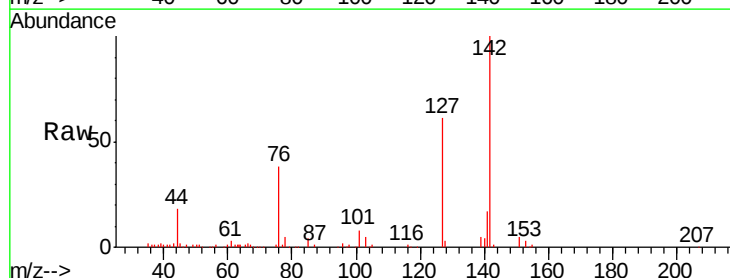
RT: 1.90 min Scan# 129

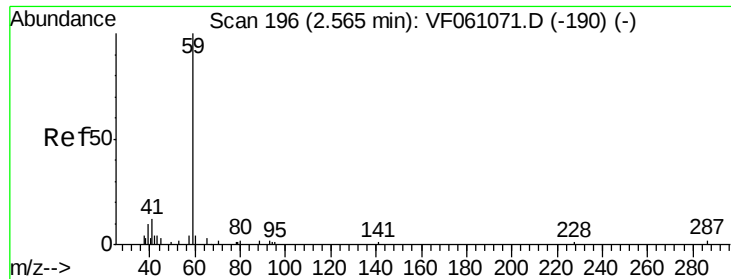
Delta R.T. -0.01 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Tgt Ion:	142	Resp:	211708
Ion Ratio	Lower	Upper	
142	100		
127	60.7	54.7	82.1
141	17.4	12.2	18.2





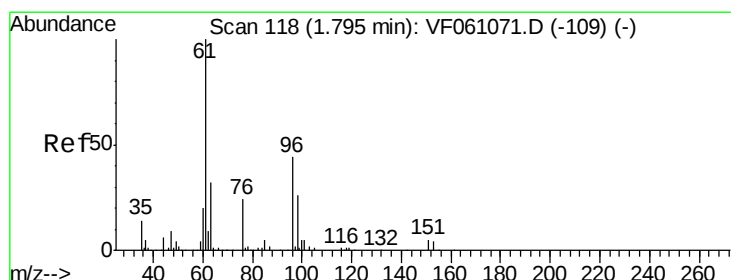
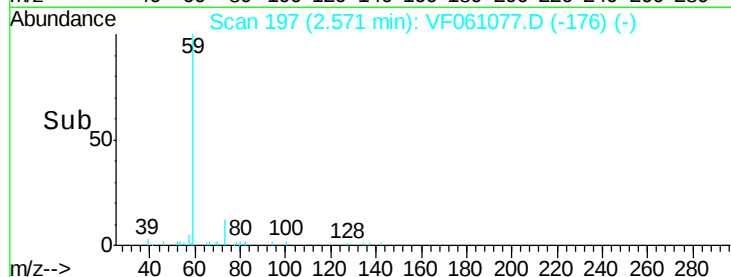
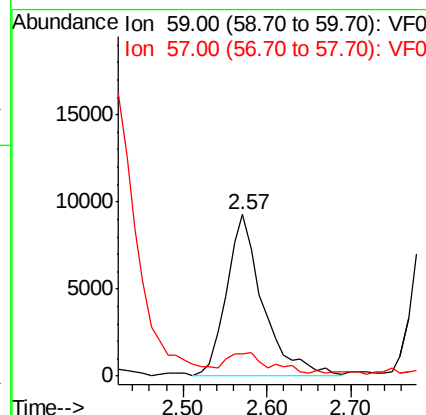
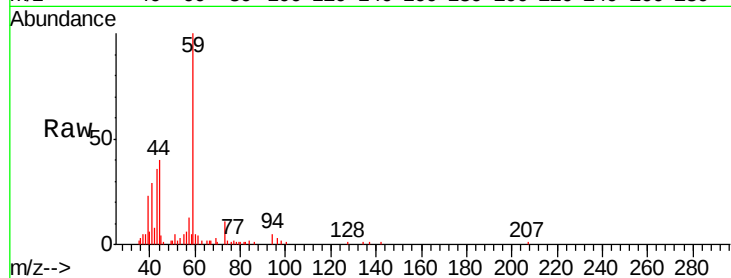
#11
Tert butyl alcohol
Concen: 223.655 ug/l
RT: 2.57 min Scan# 197
Delta R.T. 0.01 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	13.4	11.5	17.3

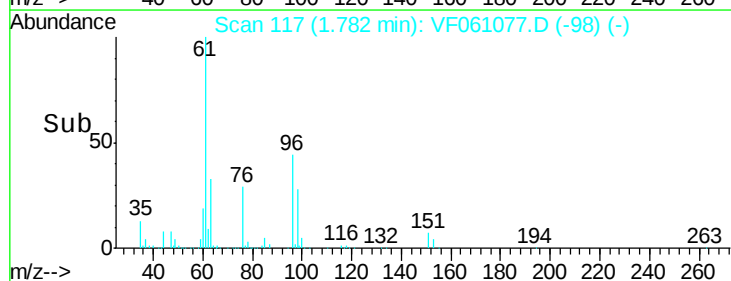
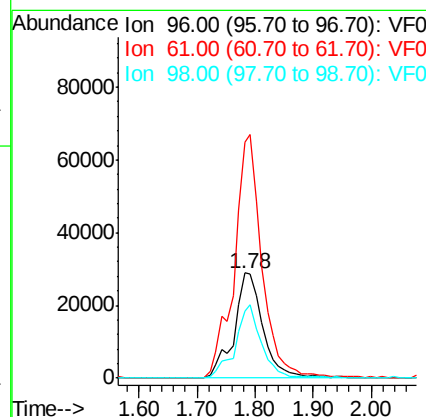
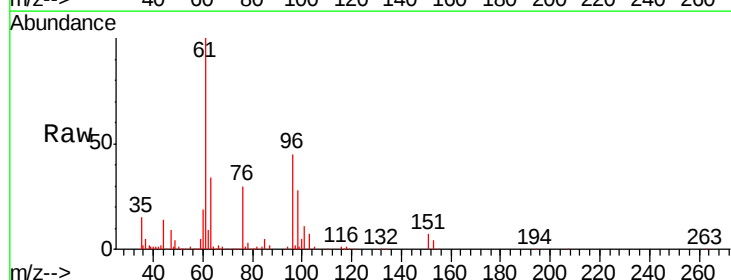
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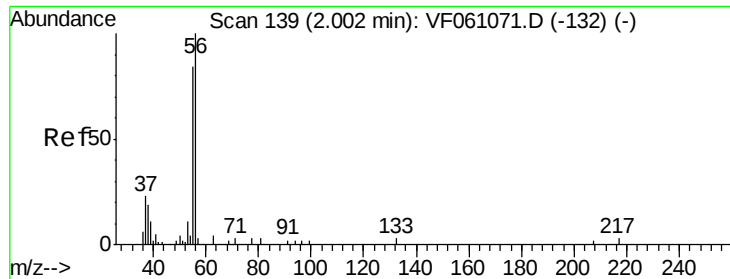
apatel
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#12
1,1-Dichloroethene
Concen: 46.949 ug/l
RT: 1.78 min Scan# 117
Delta R.T. -0.01 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	223.9	182.0	273.0
98	63.8	46.5	69.7





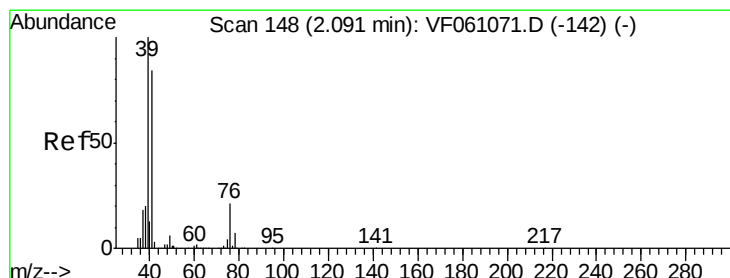
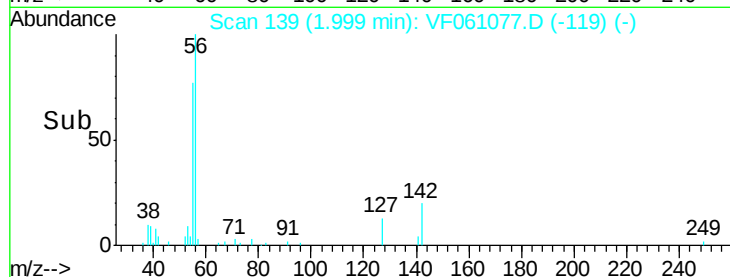
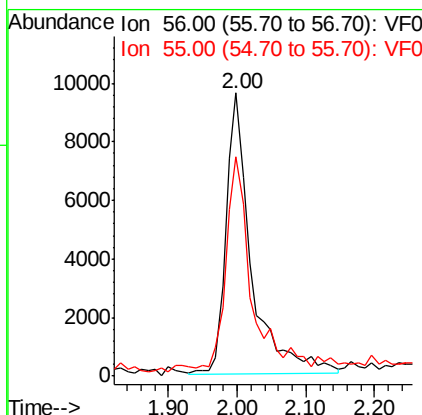
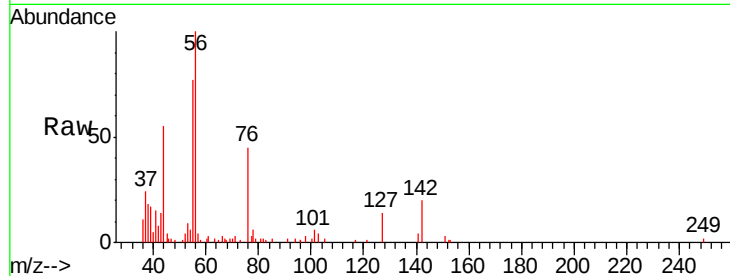
#13
Acrolein
Concen: 269.398 ug/l
RT: 2.00 min Scan# 139
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 24443
Ion Ratio Lower Upper
56 100
55 77.4 70.2 105.2

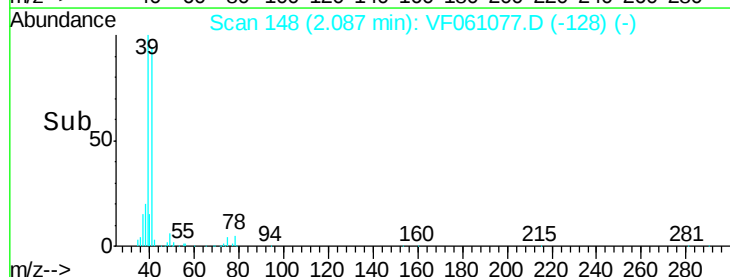
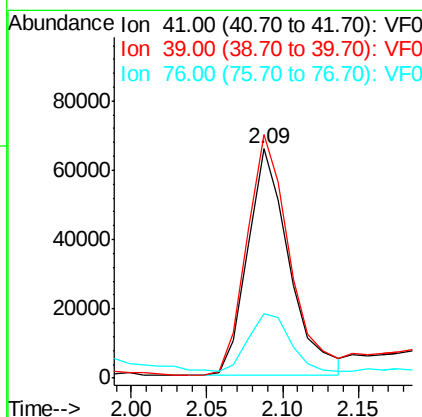
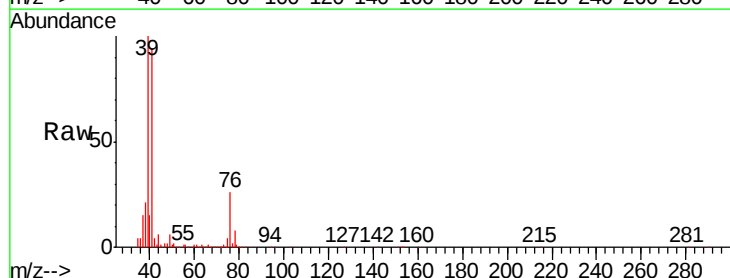
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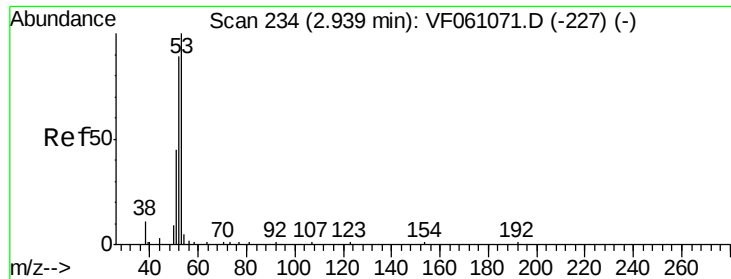
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#14
Allyl chloride
Concen: 56.757 ug/l
RT: 2.09 min Scan# 148
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion: 41 Resp: 125960
Ion Ratio Lower Upper
41 100
39 106.1 96.4 144.6
76 27.9 25.4 38.0





#15

Acrylonitrile

Concen: 245.945 ug/l

RT: 2.94 min Scan# 234

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

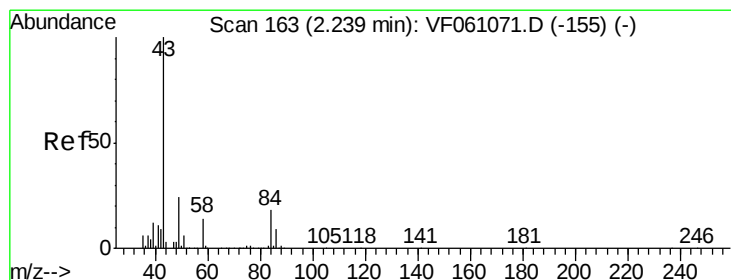
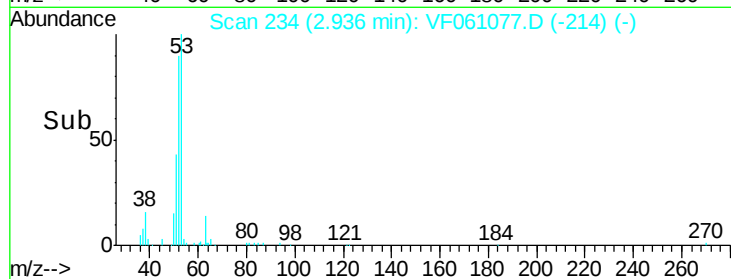
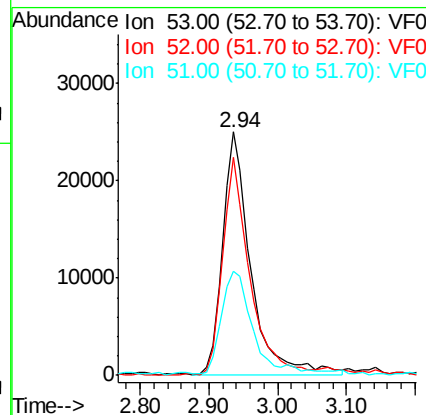
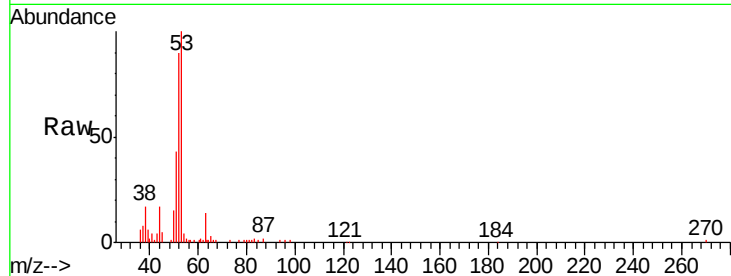
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	71411
Ion	Ratio	Lower	Upper
53	100		
52	89.6	71.3	106.9
51	43.0	36.8	55.2

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#16

Acetone

Concen: 253.052 ug/l

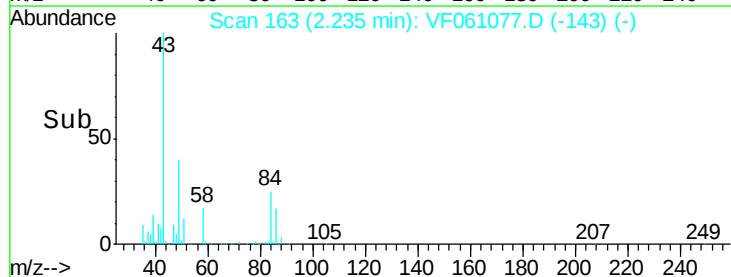
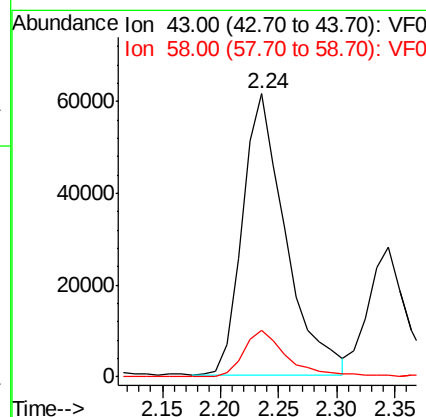
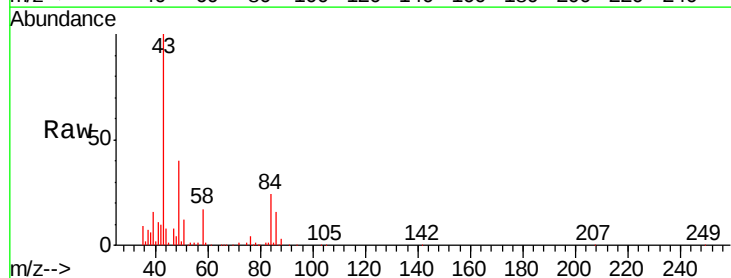
RT: 2.24 min Scan# 163

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Tgt Ion:	43	Resp:	157407
Ion	Ratio	Lower	Upper
43	100		
58	16.7	11.1	16.7





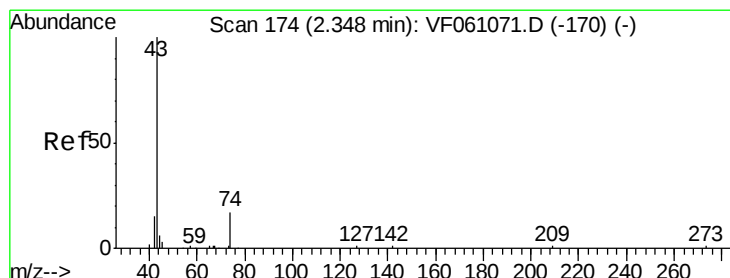
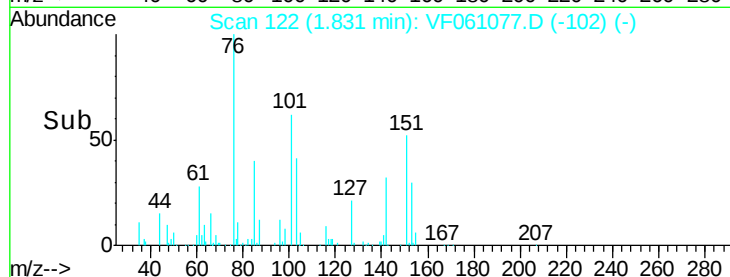
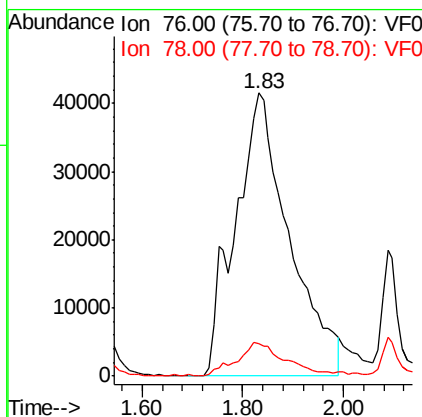
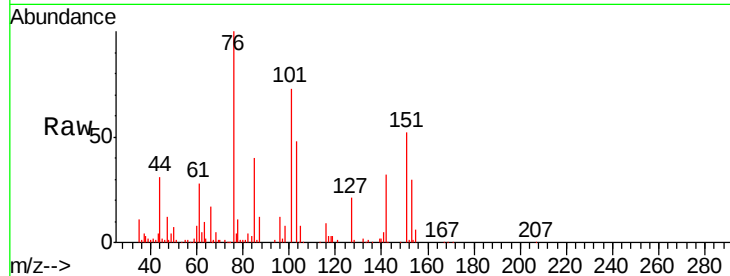
#17
Carbon Disulfide
Concen: 48.257 ug/l
RT: 1.83 min Scan# 122
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 310997
Ion Ratio Lower Upper
76 100
78 11.4 10.2 15.4

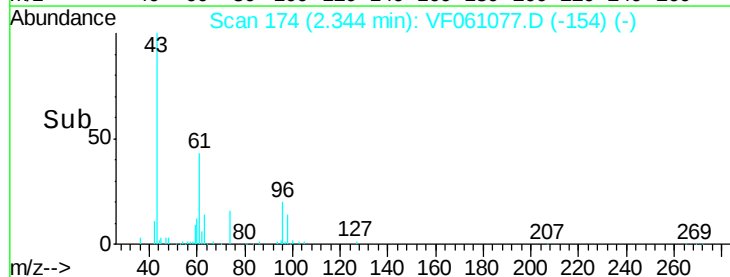
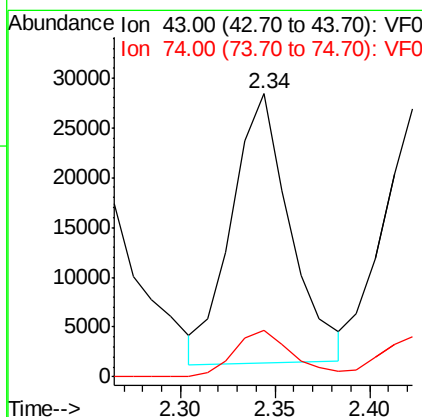
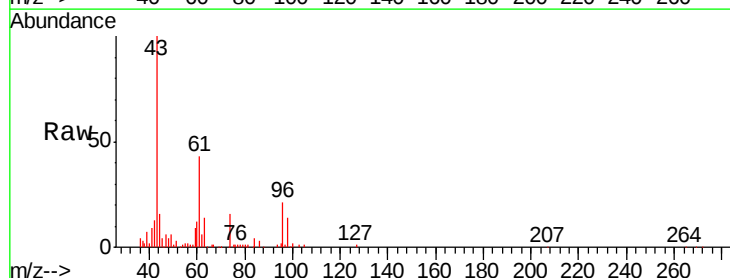
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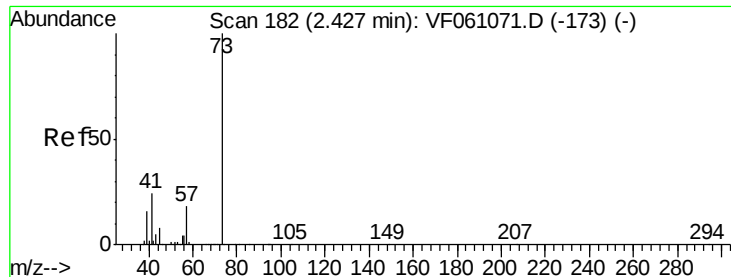
apatel
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#18
Methyl Acetate
Concen: 45.270 ug/l
RT: 2.34 min Scan# 174
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion: 43 Resp: 58259
Ion Ratio Lower Upper
43 100
74 16.4 11.0 16.6





#19

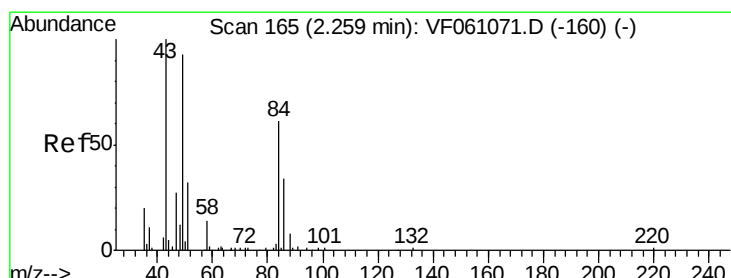
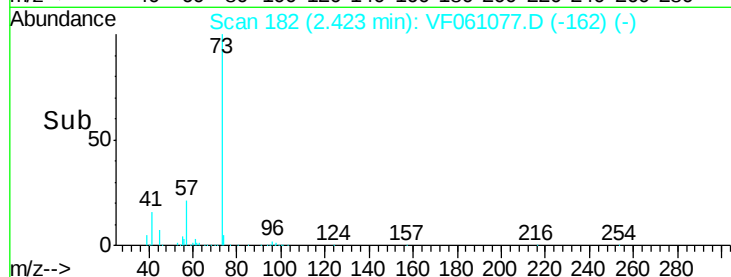
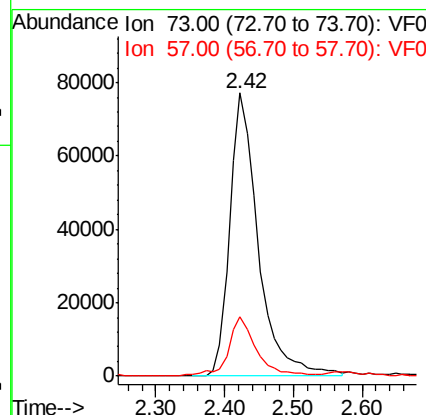
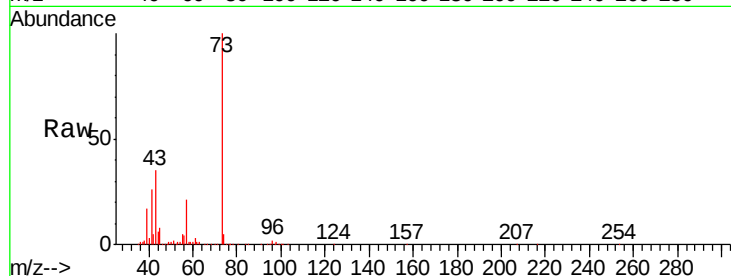
Methyl tert-butyl Ether
 Concen: 46.569 ug/l
 RT: 2.42 min Scan# 182
 Delta R.T. -0.00 min
 Lab File: VF061077.D
 Acq: 19 Dec 2018 11:05

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.1	14.5	21.7

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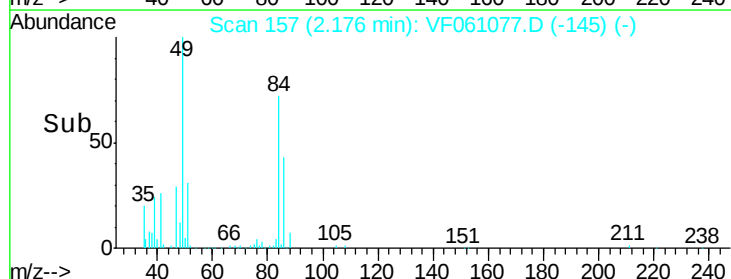
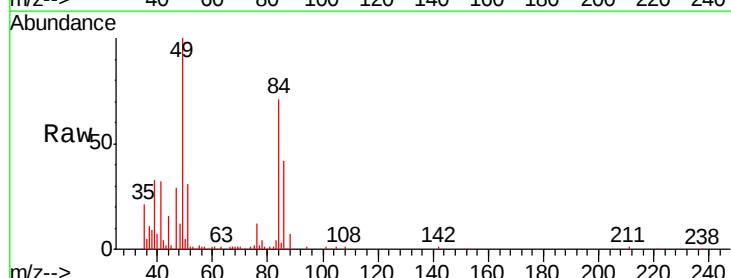
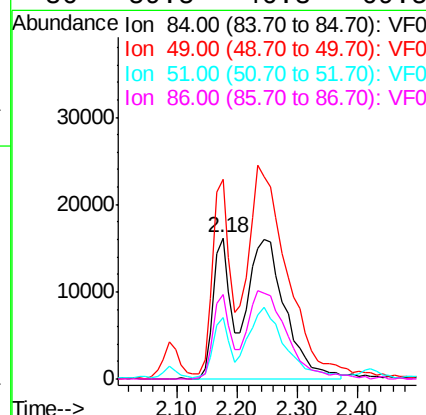
apatel
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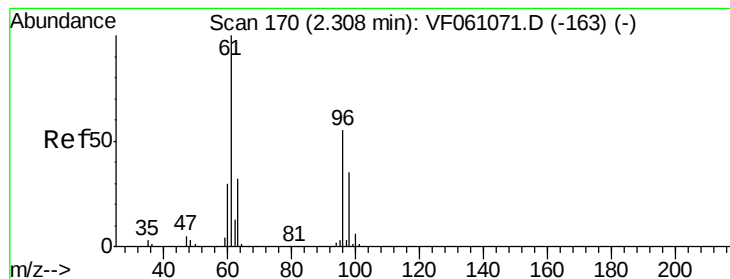


#20

Methylene Chloride
 Concen: 50.406 ug/l m
 RT: 2.18 min Scan# 157
 Delta R.T. -0.08 min
 Lab File: VF061077.D
 Acq: 19 Dec 2018 11:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	141.3	129.4	194.2
51	43.6	44.0	66.0#
86	59.5	46.3	69.5





#21

trans-1,2-Dichloroethene

Concen: 44.449 ug/l m

RT: 2.30 min Scan# 170

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

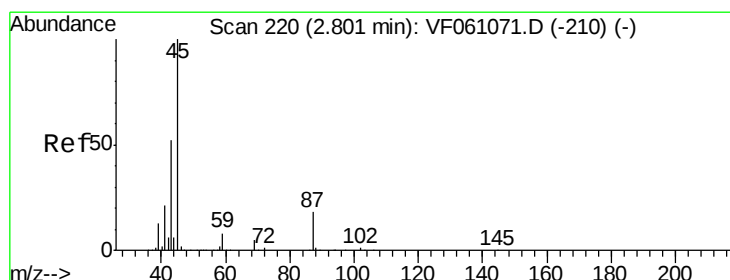
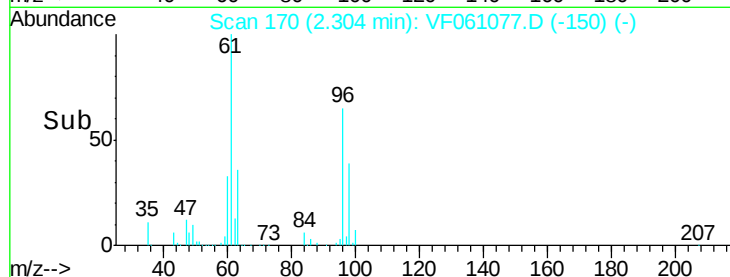
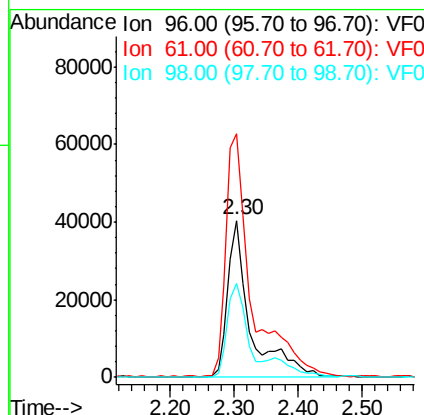
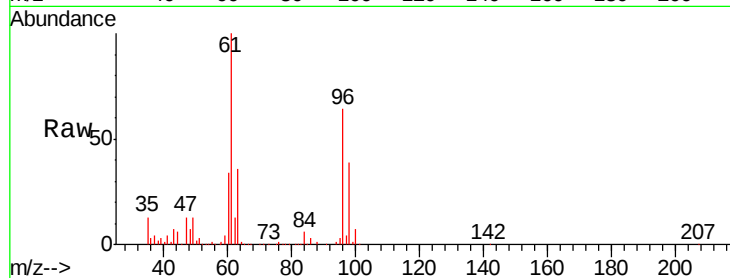
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	101384
Ion Ratio	Lower	Upper	
96	100		
61	155.2	146.0	219.0
98	59.8	51.6	77.4

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#22

Diisopropyl ether

Concen: 48.504 ug/l

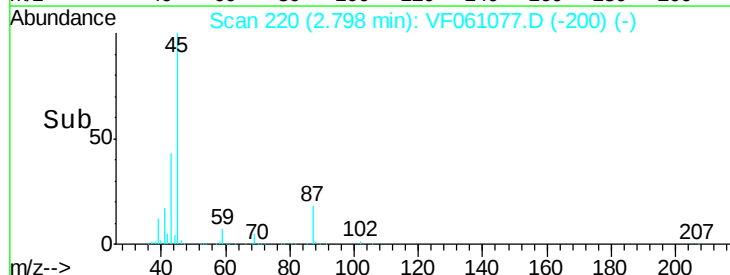
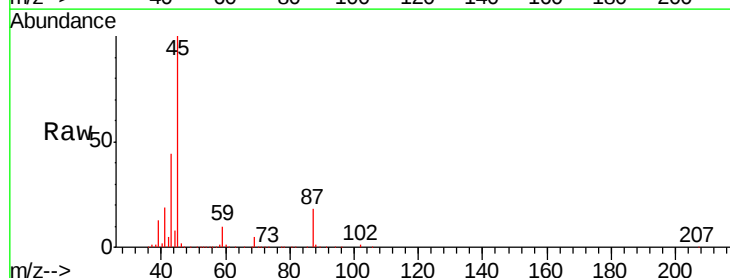
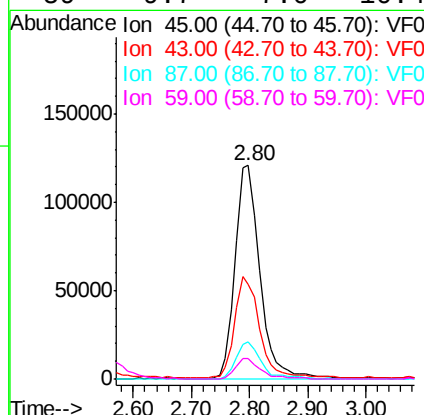
RT: 2.80 min Scan# 220

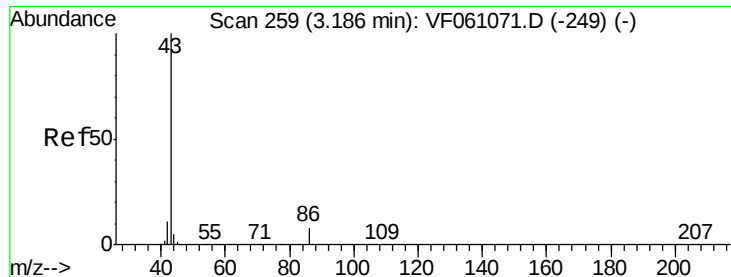
Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Tgt Ion:	45	Resp:	358561
Ion Ratio	Lower	Upper	
45	100		
43	44.4	42.2	63.2
87	17.6	14.6	22.0
59	9.7	7.0	10.4





#23

Vinyl Acetate

Concen: 254.514 ug/l

RT: 3.18 min Scan# 259

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 867968

Ion Ratio Lower Upper

43 100

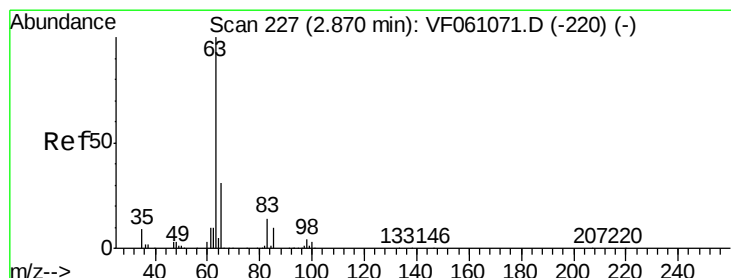
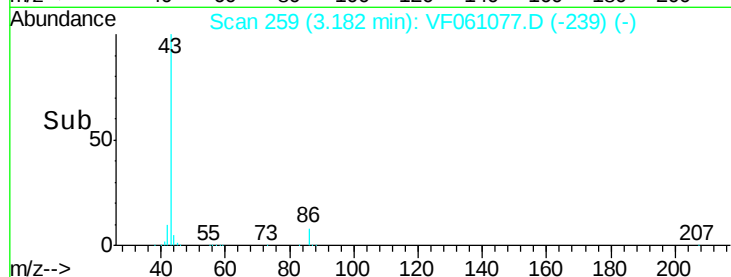
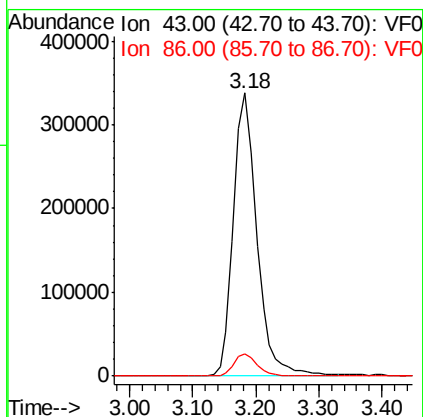
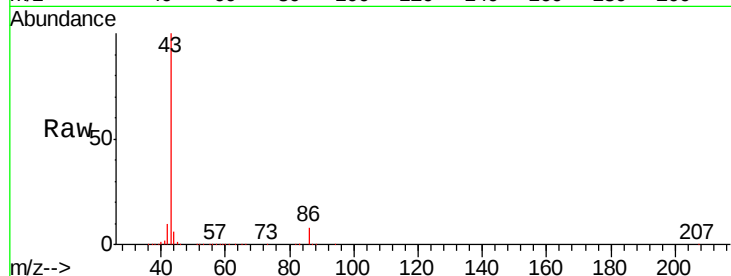
86 8.1 6.3 9.5

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#24

1,1-Dichloroethane

Concen: 46.410 ug/l

RT: 2.87 min Scan# 227

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

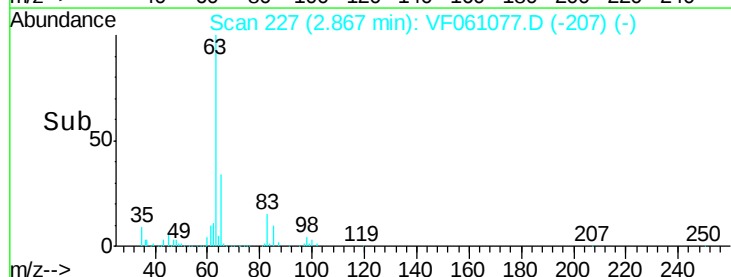
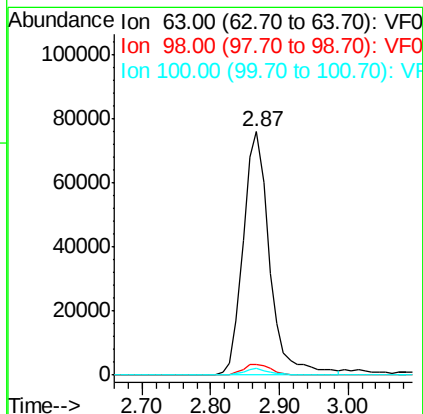
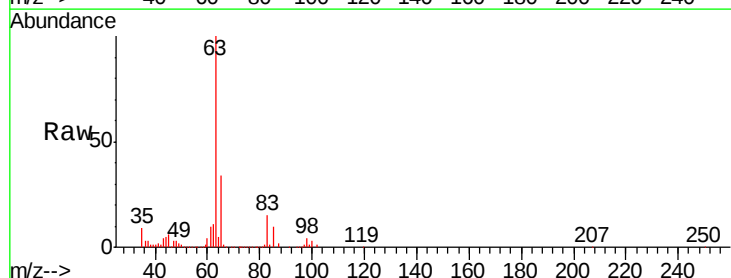
Tgt Ion: 63 Resp: 203276

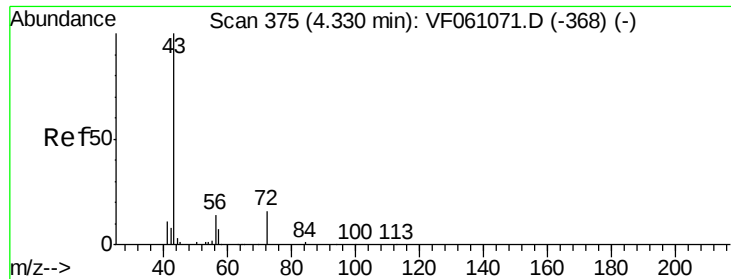
Ion Ratio Lower Upper

63 100

98 4.2 2.1 6.5

100 2.9 1.7 5.1





#25

2-Butanone

Concen: 239.035 ug/l

RT: 4.33 min Scan# 375

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 241144

Ion Ratio Lower Upper

43 100

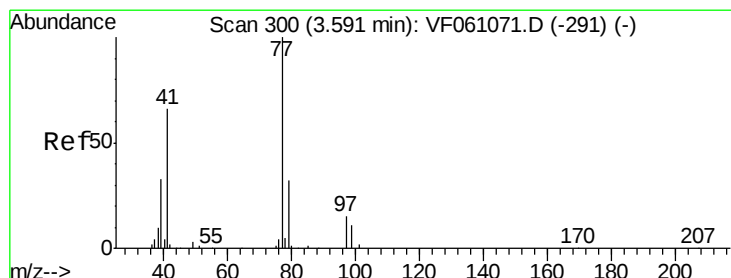
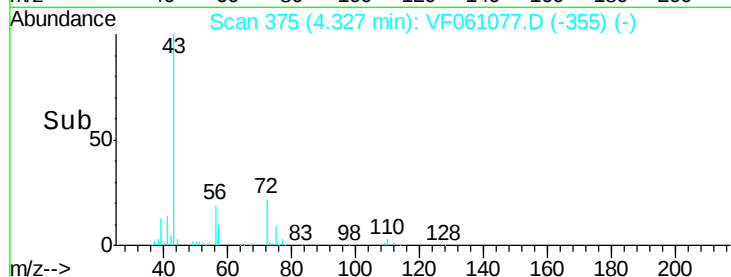
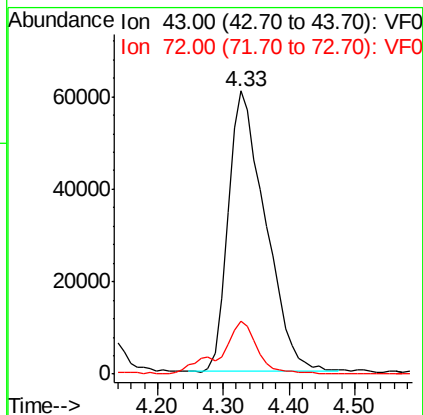
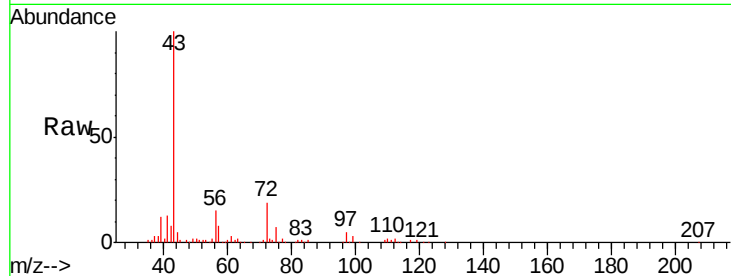
72 18.8 15.6 23.4

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#26

2,2-Dichloropropane

Concen: 47.432 ug/l

RT: 3.60 min Scan# 301

Delta R.T. 0.01 min

Lab File: VF061077.D

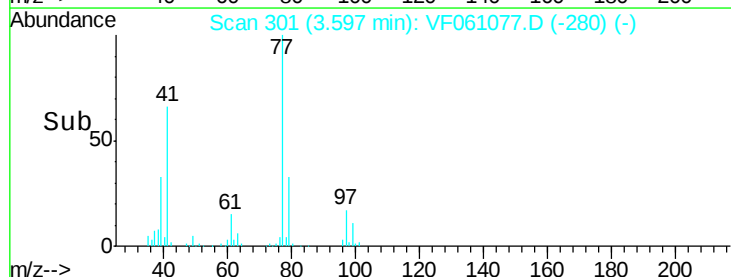
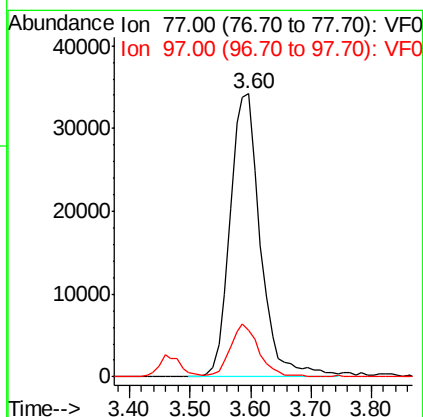
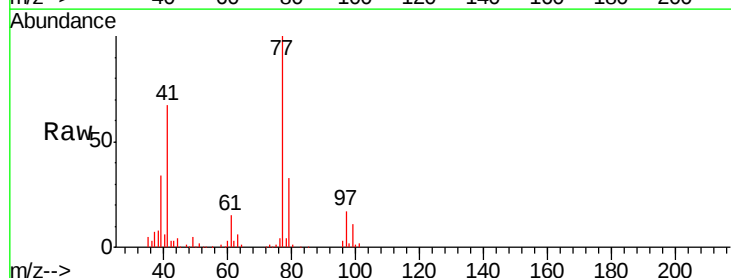
Acq: 19 Dec 2018 11:05

Tgt Ion: 77 Resp: 119224

Ion Ratio Lower Upper

77 100

97 16.5 8.2 24.4





#27

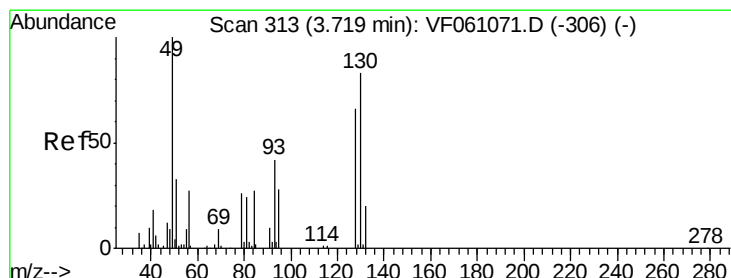
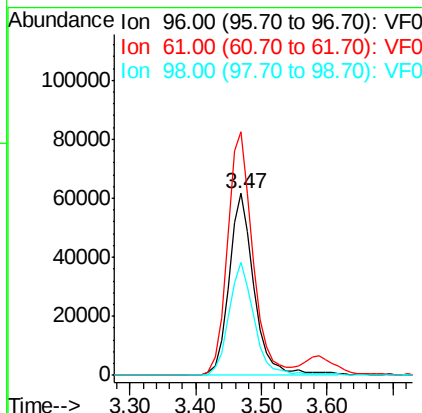
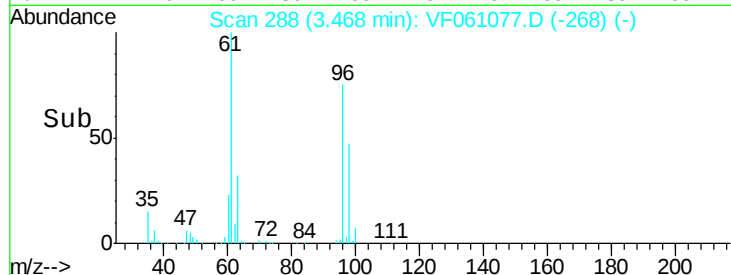
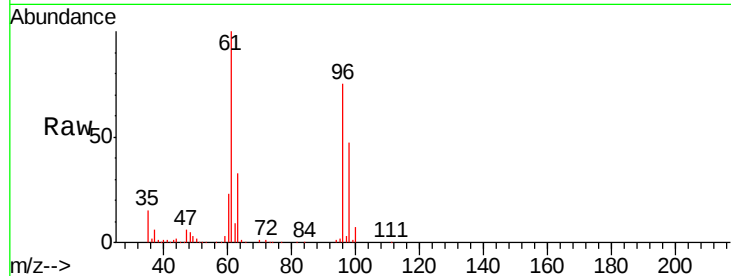
cis-1,2-Dichloroethene
Concen: 47.027 ug/l
RT: 3.47 min Scan# 288
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	164211		
61	133.9	0.0	287.8	
98	62.3	0.0	134.2	

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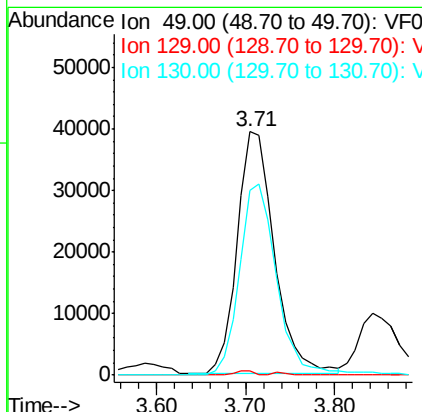
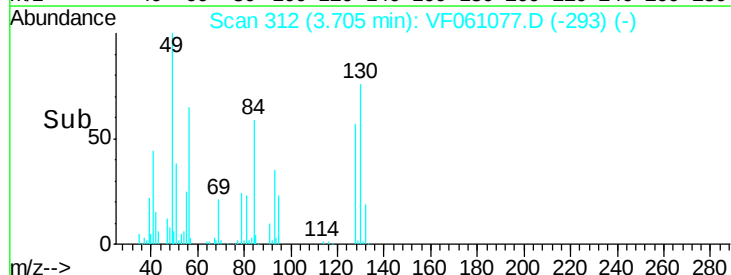
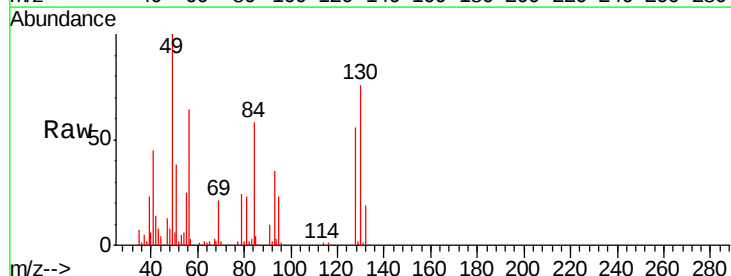
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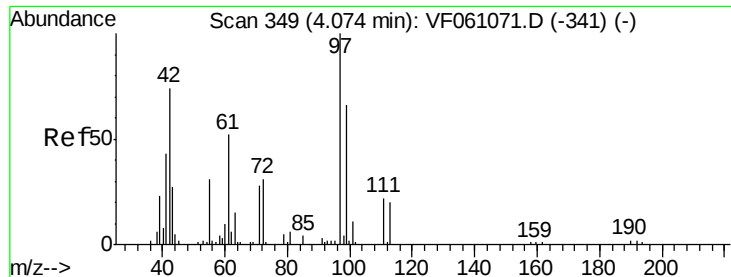


#28

Bromochloromethane
Concen: 50.915 ug/l
RT: 3.71 min Scan# 312
Delta R.T. -0.01 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	113154		
129	1.6	0.0	3.6	
130	76.0	65.8	98.6	





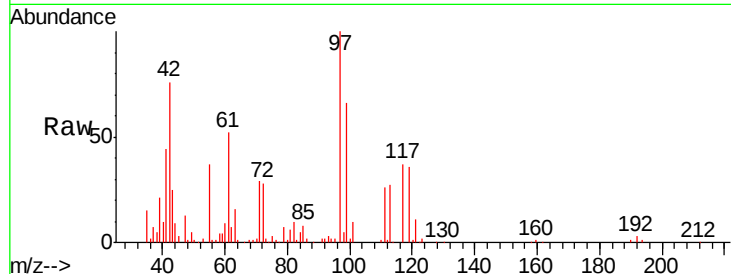
#29
Tetrahydrofuran
Concen: 231.738 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

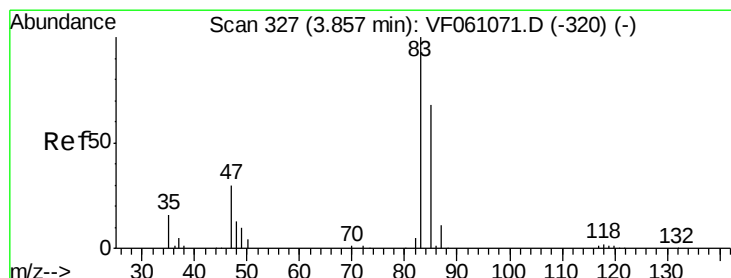
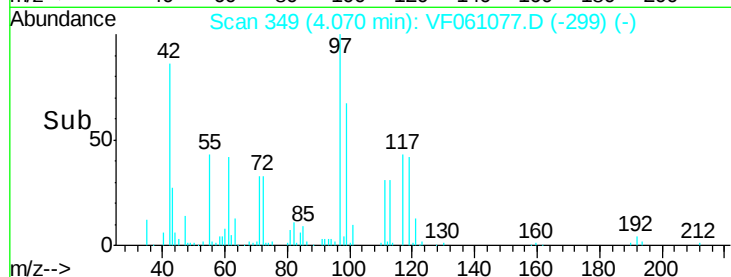
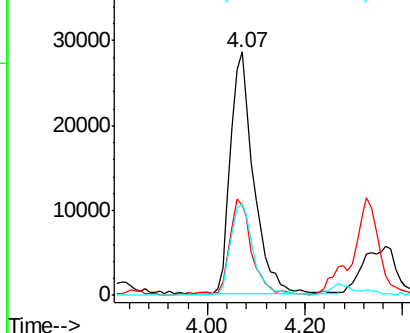
Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.3	31.8	47.8
71	37.4	29.7	44.5

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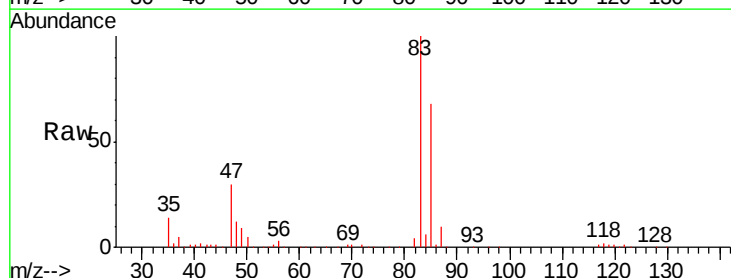


Abundance Ion 42.00 (41.70 to 42.70): VF0
Ion 72.00 (71.70 to 72.70): VF0
Ion 71.00 (70.70 to 71.70): VF0

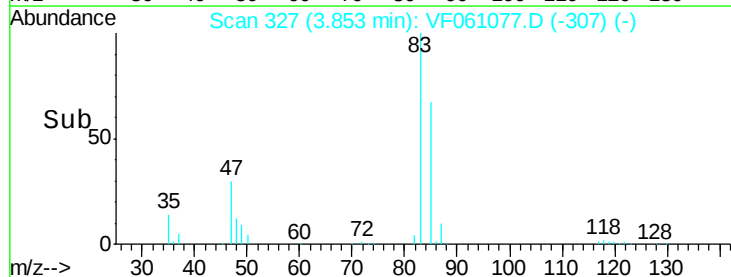
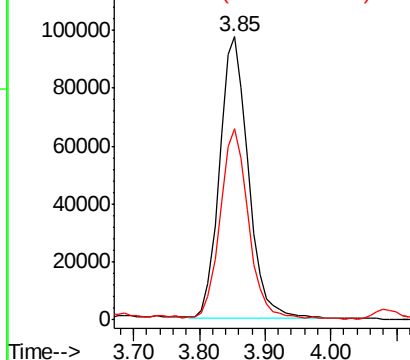


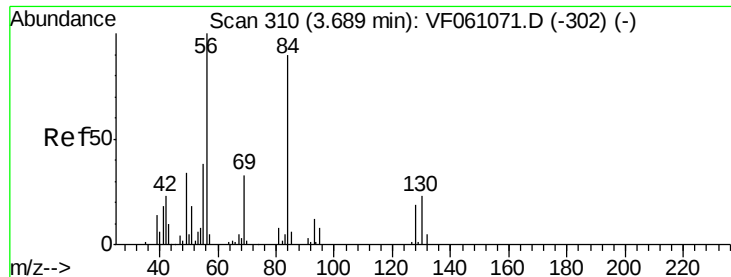
#30
Chloroform
Concen: 44.829 ug/l
RT: 3.85 min Scan# 327
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.8	54.5	81.7



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 85.00 (84.70 to 85.70): VF0





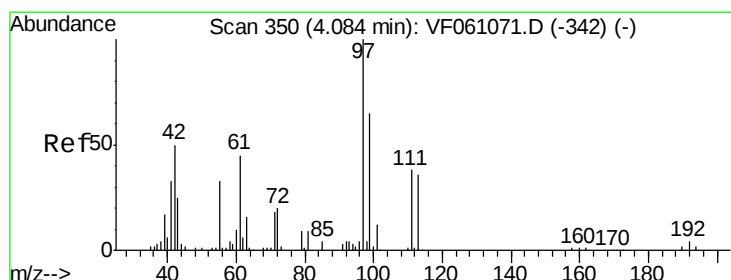
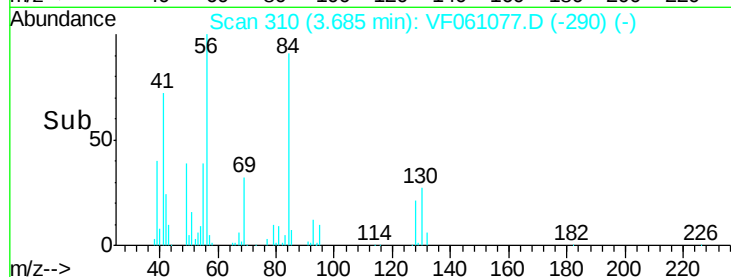
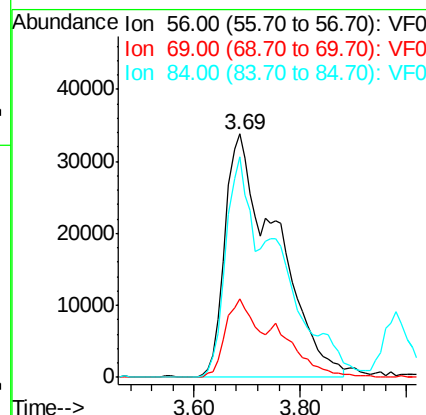
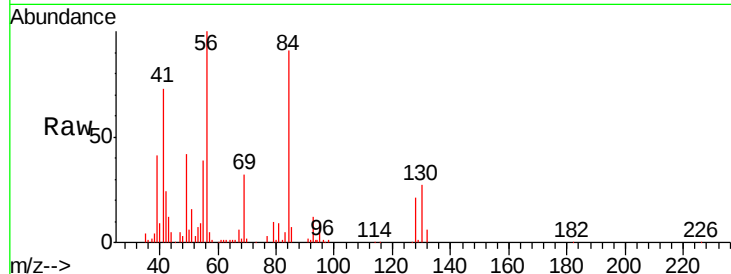
#31
Cyclohexane
Concen: 49.975 ug/l m
RT: 3.69 min Scan# 310
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.4	26.0	39.0
84	90.6	71.4	107.2

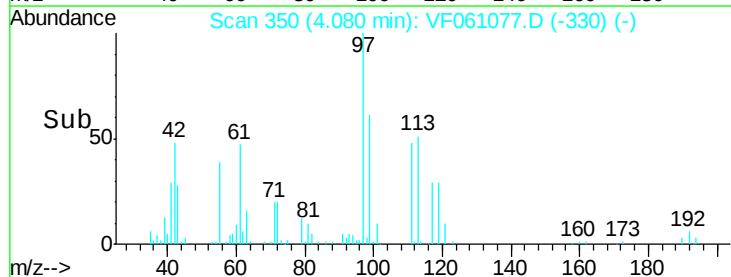
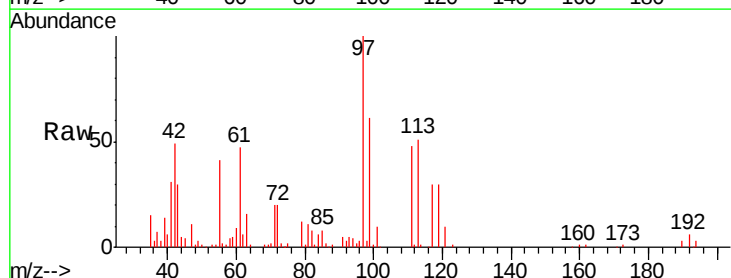
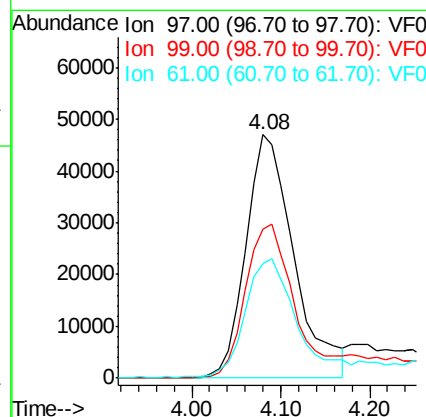
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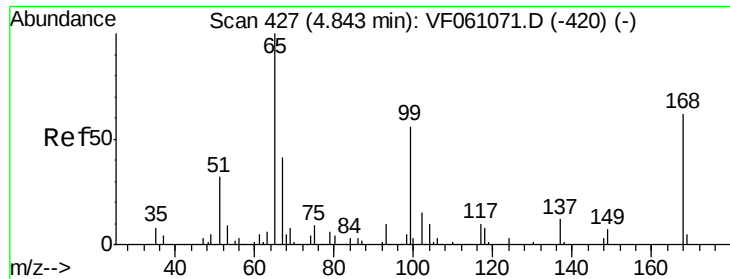
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#32
1,1,1-Trichloroethane
Concen: 44.763 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.4	51.6	77.4
61	46.8	36.2	54.2





#33

1,2-Dichloroethane-d4

Concen: 47.079 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Tgt Ion: 65 Resp: 146489

Ion Ratio Lower Upper

65 100

67 48.2 0.0 94.6

Instrument :

MSVOA_F

ClientSampleId :

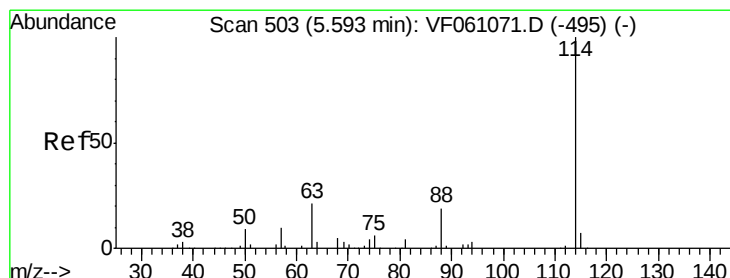
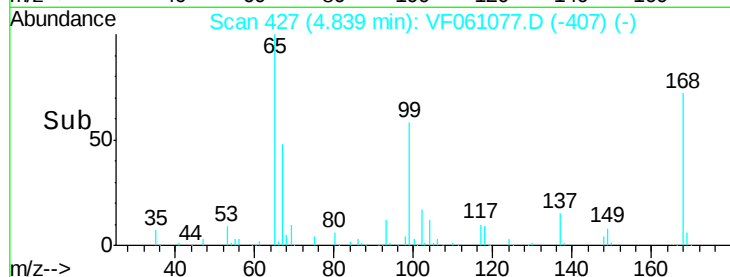
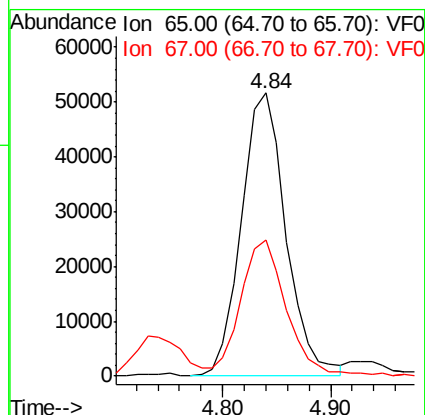
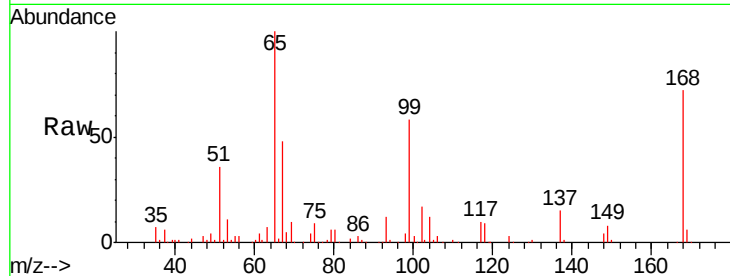
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

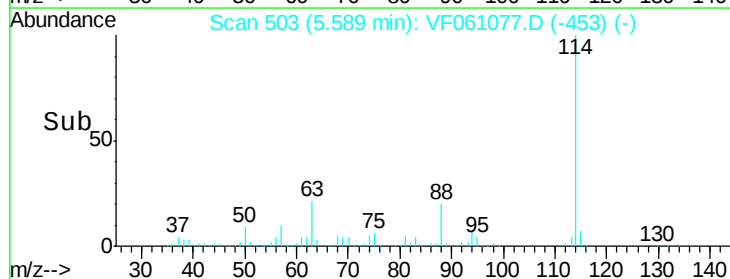
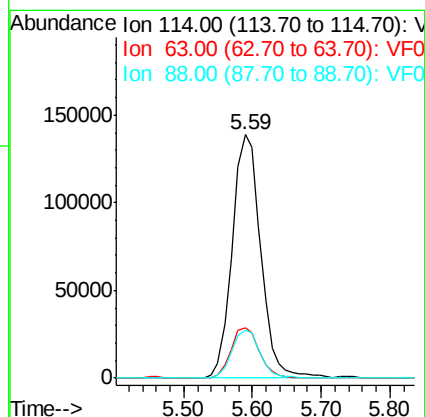
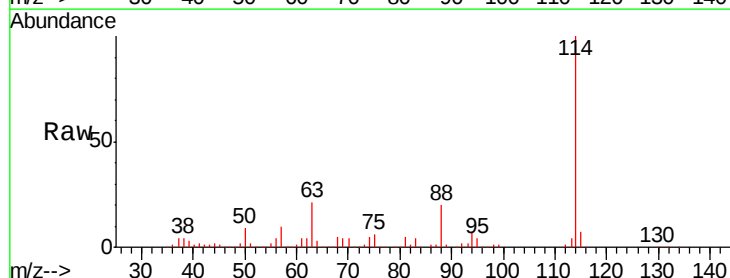
Tgt Ion: 114 Resp: 398718

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.6

88 19.8 0.0 38.0





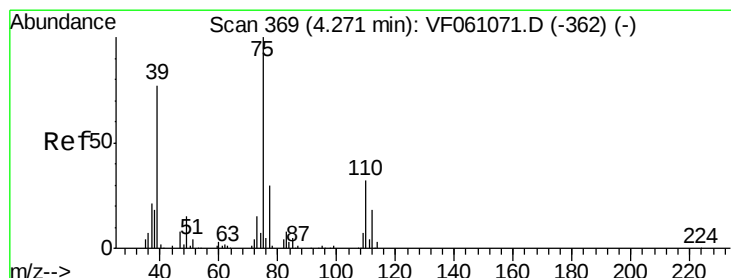
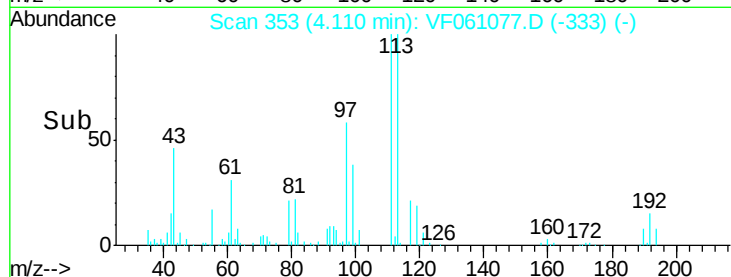
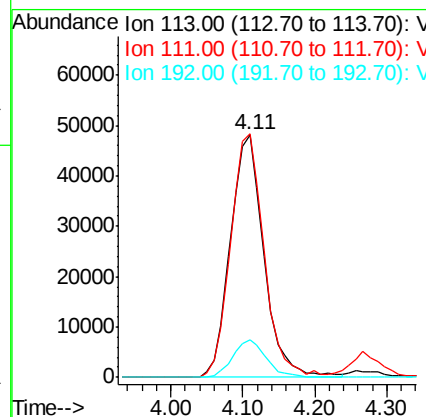
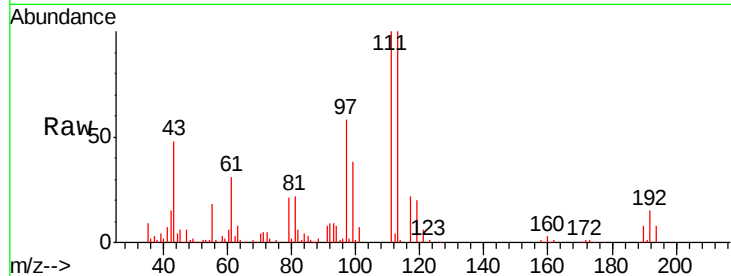
#35
 Dibromofluoromethane
 Concen: 48.736 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VF061077.D
 Acq: 19 Dec 2018 11:05

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	155661		
111	100.3	85.2	127.8	
192	15.2	12.8	19.2	

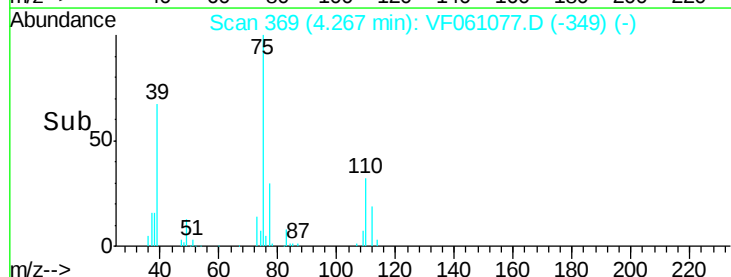
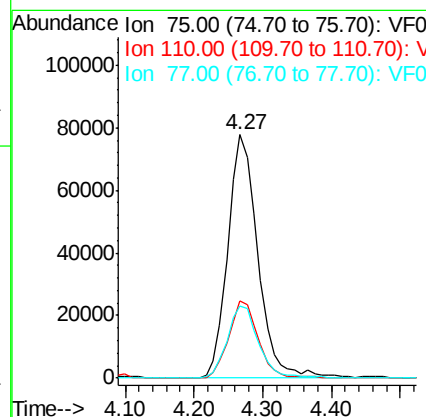
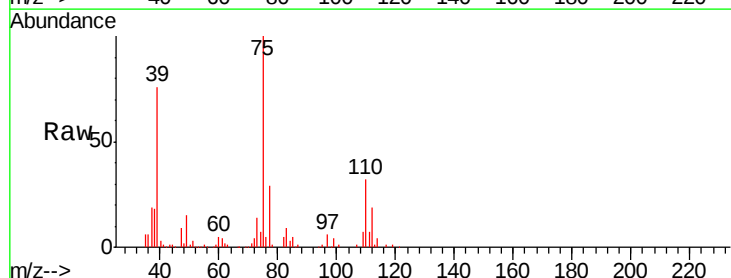
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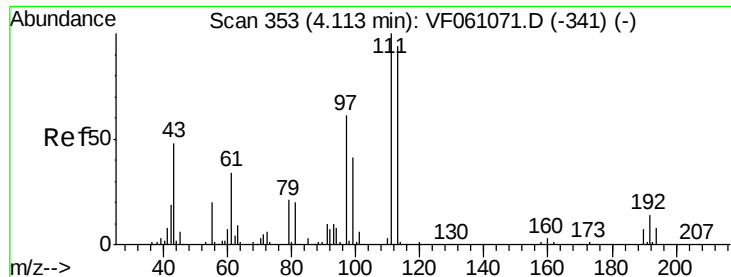
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#36
 1,1-Dichloropropene
 Concen: 48.510 ug/l
 RT: 4.27 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: VF061077.D
 Acq: 19 Dec 2018 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	233468		
110	31.9	16.1	48.2	
77	29.5	24.5	36.7	





#37

Ethyl Acetate

Concen: 46.629 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

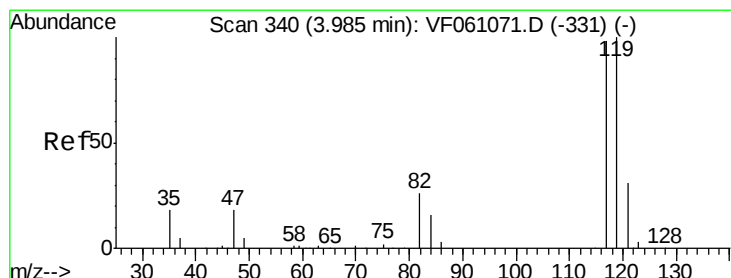
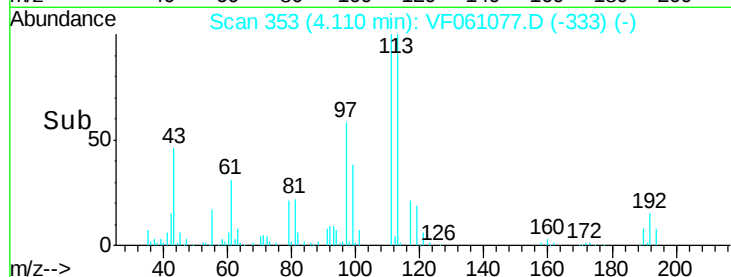
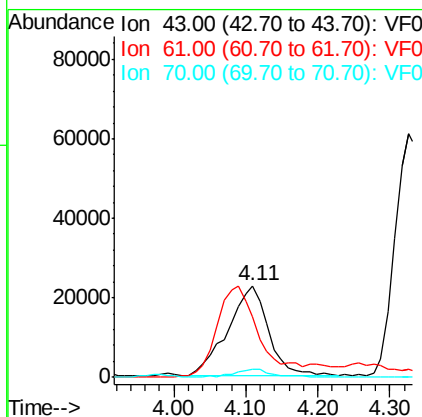
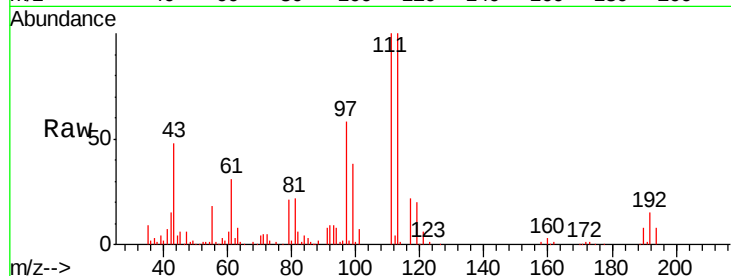
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	88318
Ion Ratio	Lower	Upper	
43	100		
61	65.6	56.6	84.8
70	9.0	6.3	9.5

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#38

Carbon Tetrachloride

Concen: 47.222 ug/l

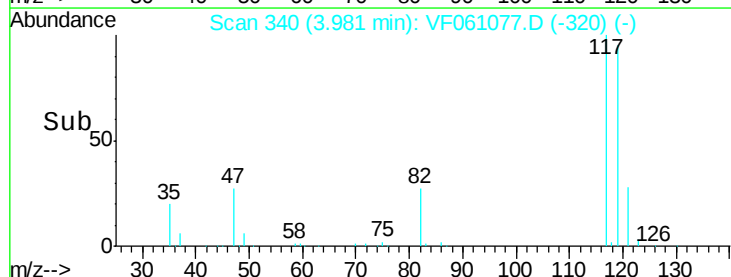
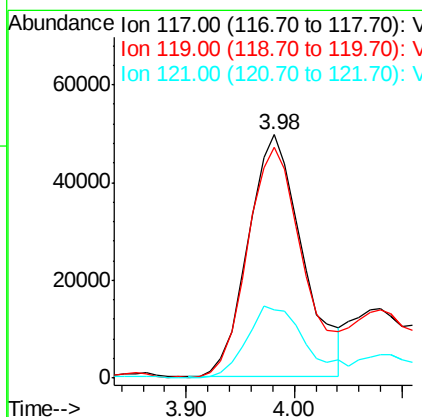
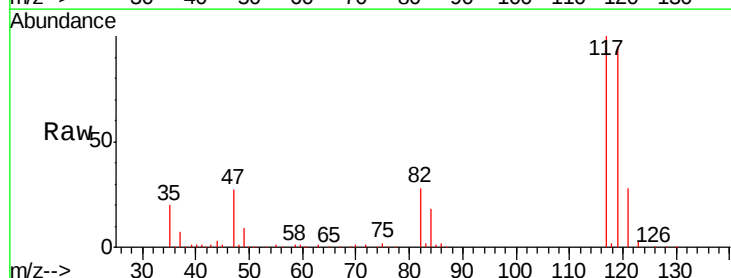
RT: 3.98 min Scan# 340

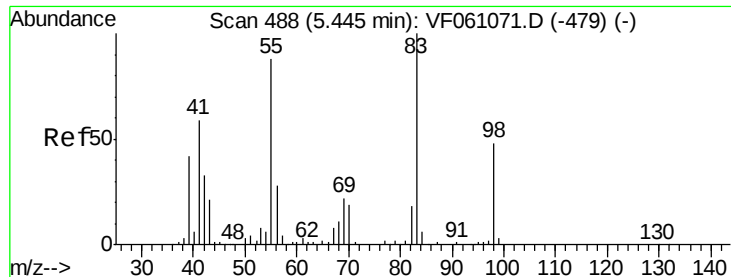
Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Tgt Ion:	117	Resp:	173077
Ion Ratio	Lower	Upper	
117	100		
119	94.9	82.1	123.1
121	27.8	25.5	38.3





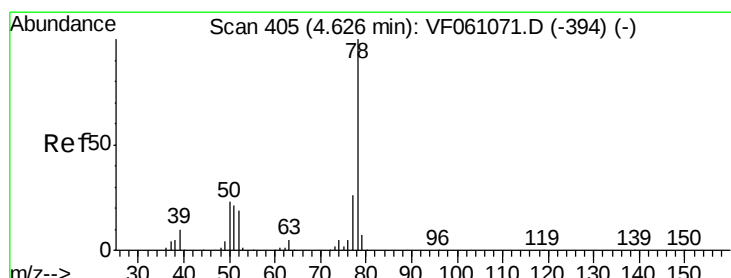
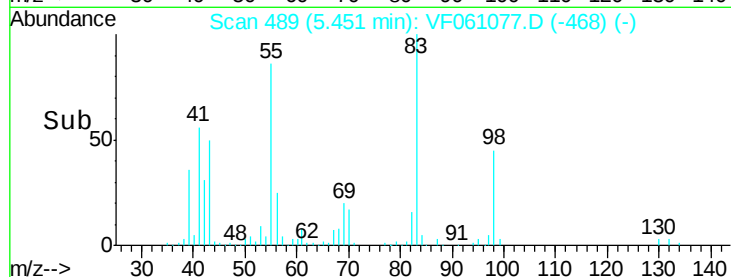
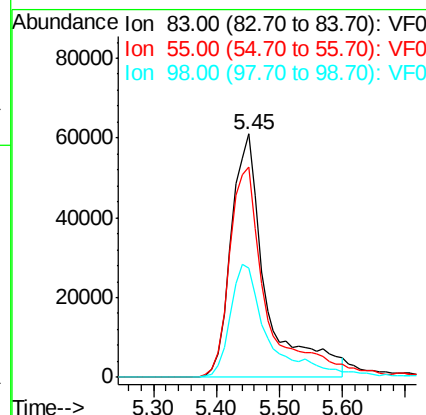
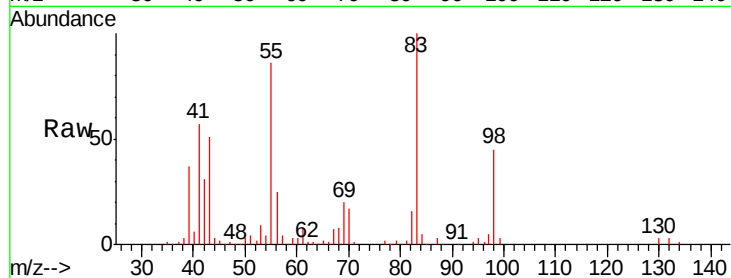
#39
Methylcyclohexane
Concen: 54.600 ug/l
RT: 5.45 min Scan# 489
Delta R.T. 0.01 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	235746		
55	86.3	70.6	105.8	
98	44.6	38.5	57.7	

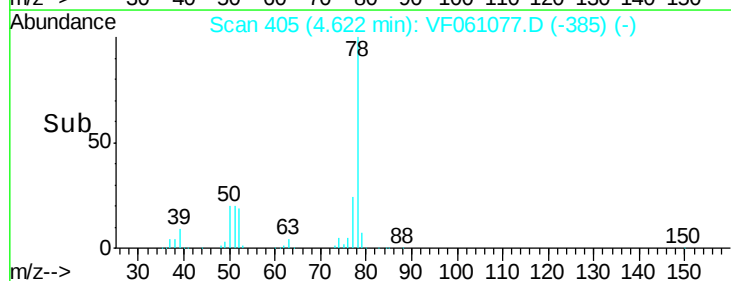
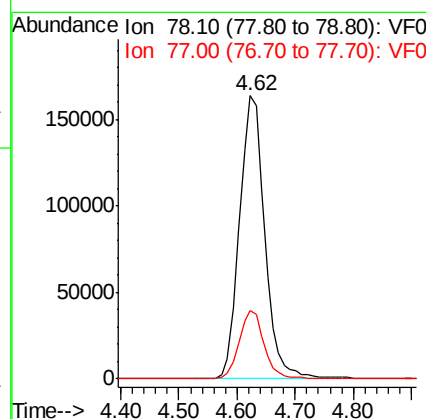
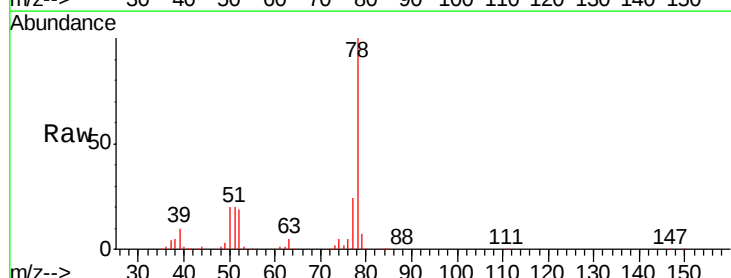
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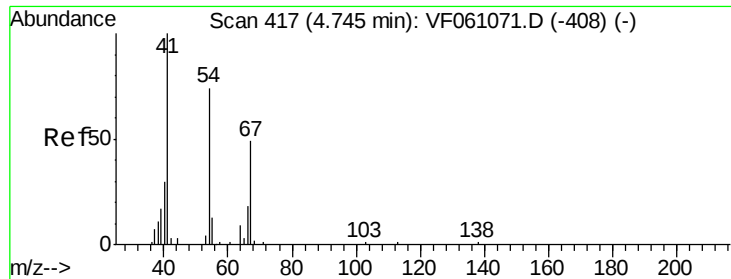
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#40
Benzene
Concen: 47.967 ug/l
RT: 4.62 min Scan# 405
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	496462		
77	24.2	20.7	31.1	





#41

Methacrylonitrile

Concen: 46.679 ug/l

RT: 4.74 min Scan# 417

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

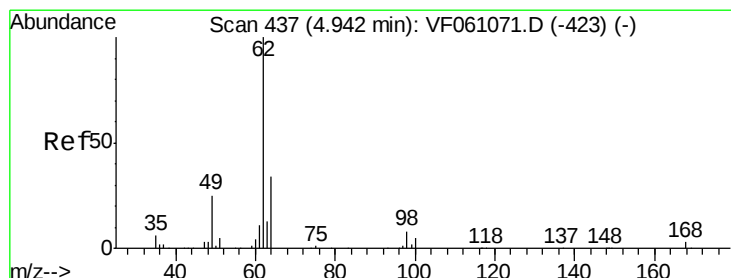
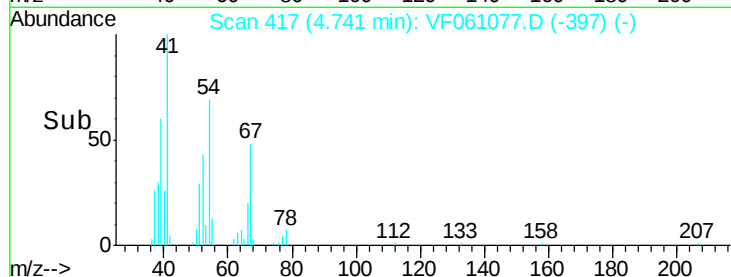
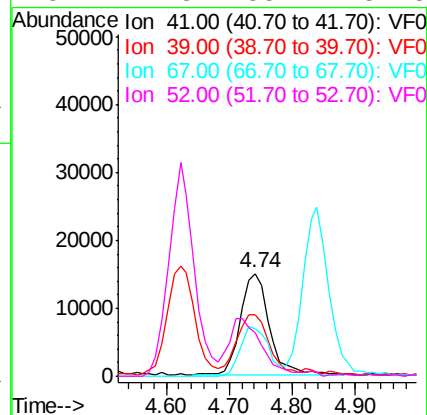
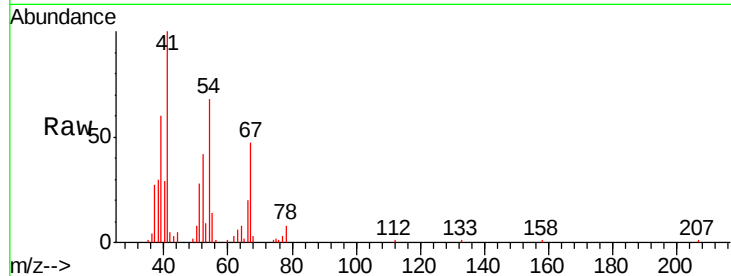
ClientSampleId :

VSTDCCC050

Tgt Ion:	41	Resp:	47445
Ion	Ratio	Lower	Upper
41	100		
39	60.4	45.7	68.5
67	46.7	38.9	58.3
52	42.3	35.2	52.8

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#42

1,2-Dichloroethane

Concen: 44.254 ug/l

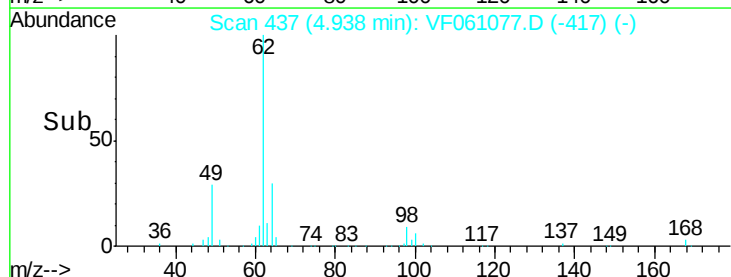
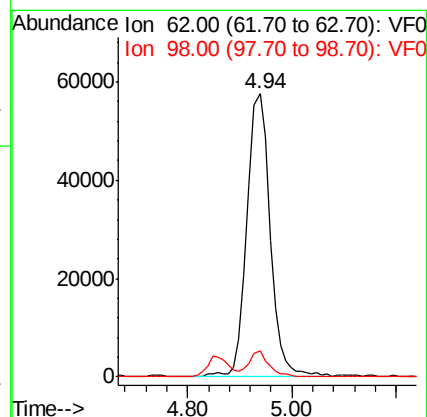
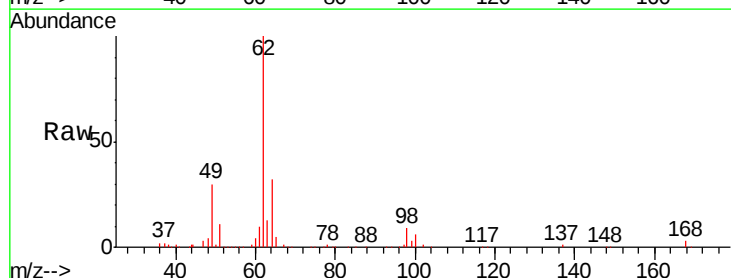
RT: 4.94 min Scan# 437

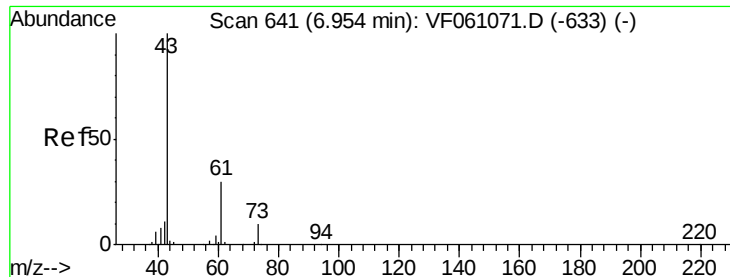
Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Tgt Ion:	62	Resp:	173996
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.6





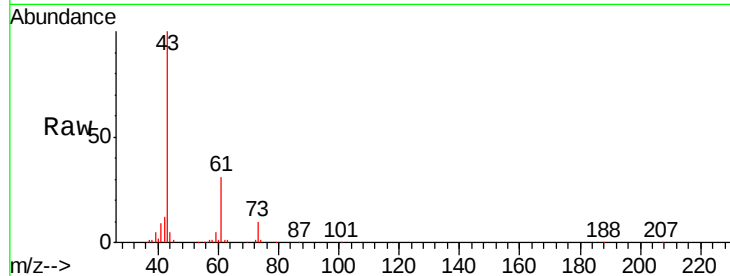
#43
Isopropyl Acetate
Concen: 47.772 ug/l
RT: 6.95 min Scan# 641
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

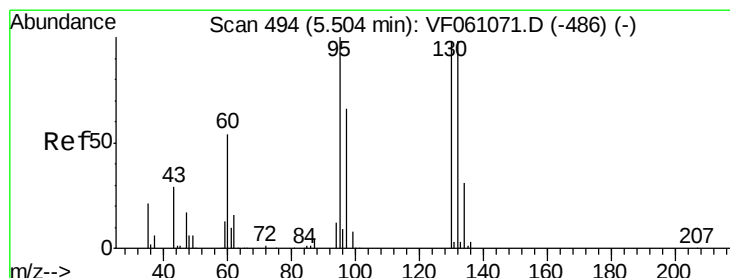
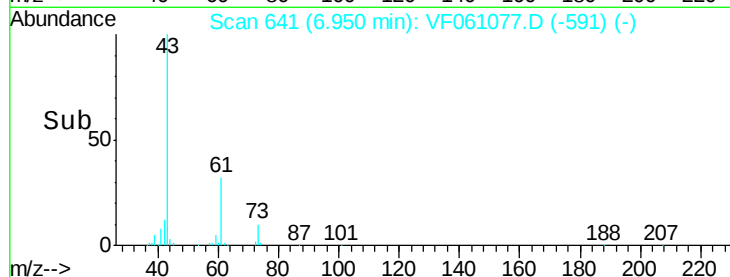
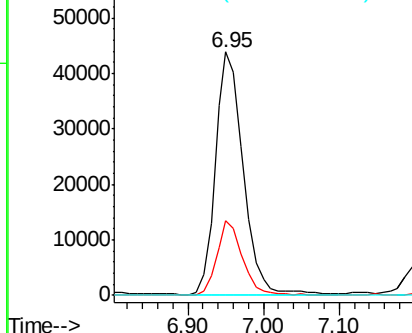
Tgt Ion	Ratio	Lower	Upper
43	100		
61	30.6	23.8	35.8
87	0.2	0.0	0.0

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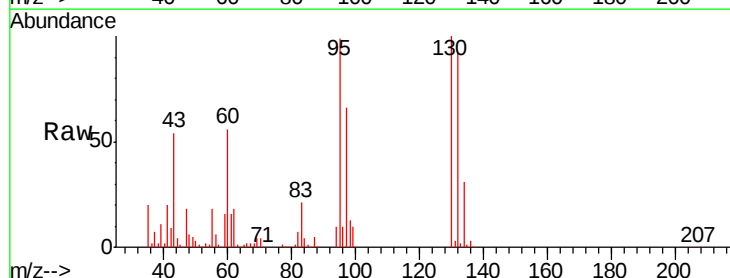


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 87.00 (86.70 to 87.70): VF0

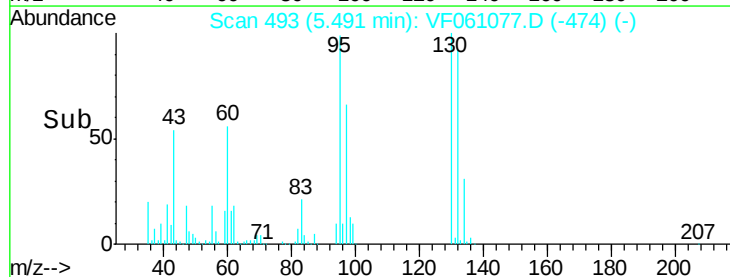
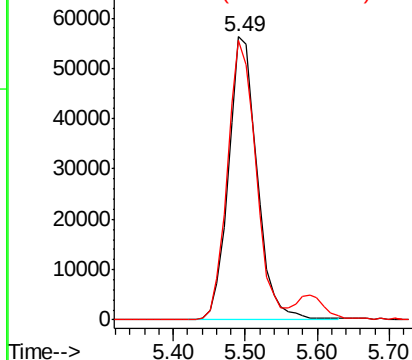


#44
Trichloroethene
Concen: 47.866 ug/l
RT: 5.49 min Scan# 493
Delta R.T. -0.01 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	205.2



Abundance Ion 129.90 (129.60 to 130.60): V
Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 46.170 ug/l

RT: 6.23 min Scan# 568

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 130009

Ion Ratio Lower Upper

63 100

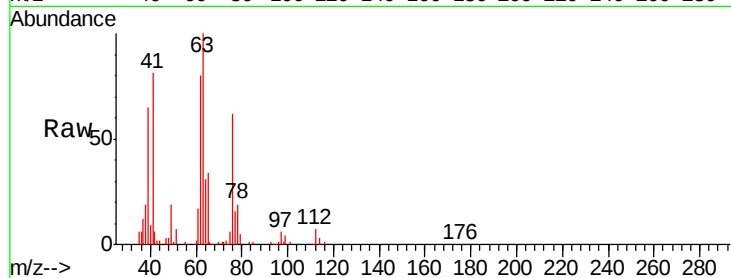
65 34.5 24.4 36.6

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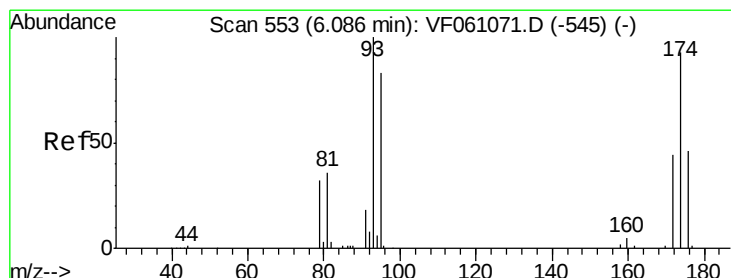
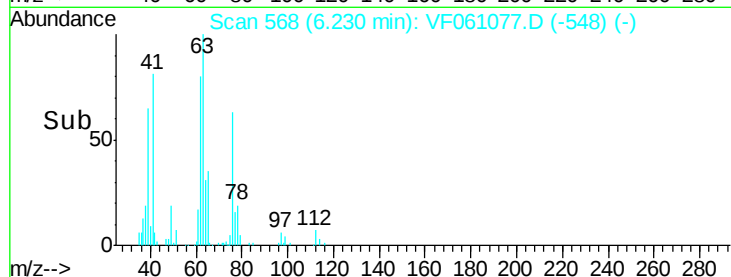
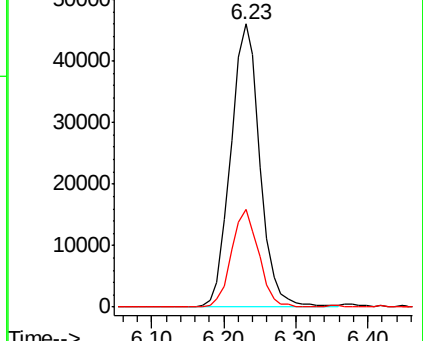
apatel

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Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



#46

Dibromomethane

Concen: 45.522 ug/l

RT: 6.07 min Scan# 552

Delta R.T. -0.01 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

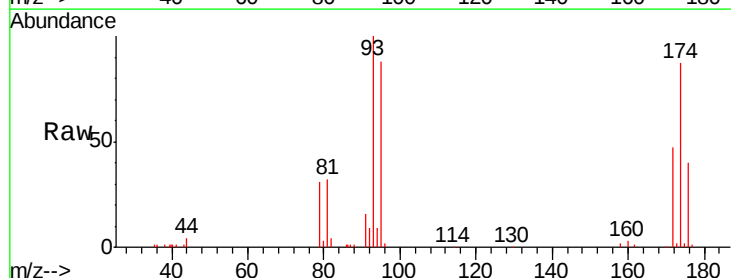
Tgt Ion: 93 Resp: 83138

Ion Ratio Lower Upper

93 100

95 88.0 66.9 100.3

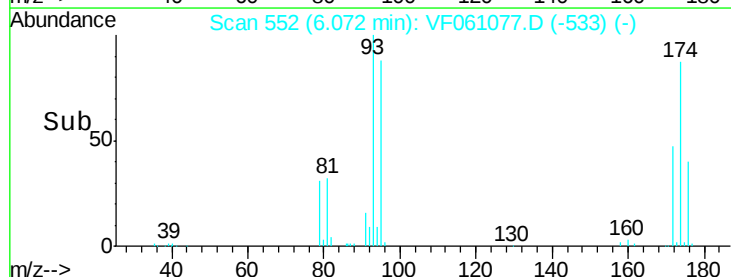
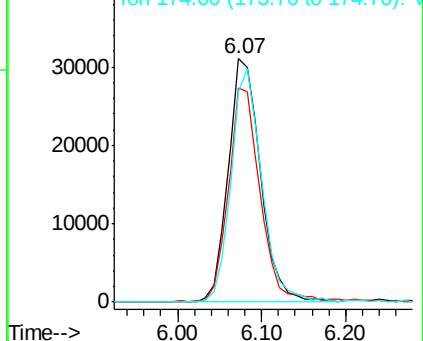
174 86.6 74.1 111.1

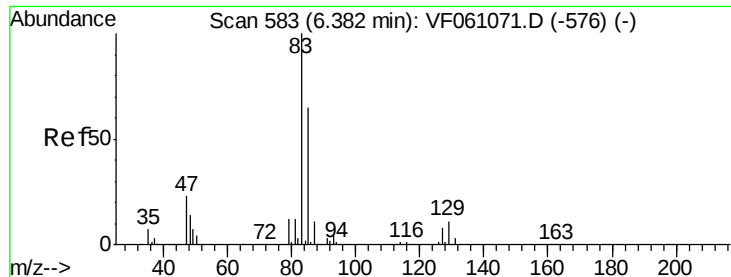


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 46.559 ug/l

RT: 6.38 min Scan# 583

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

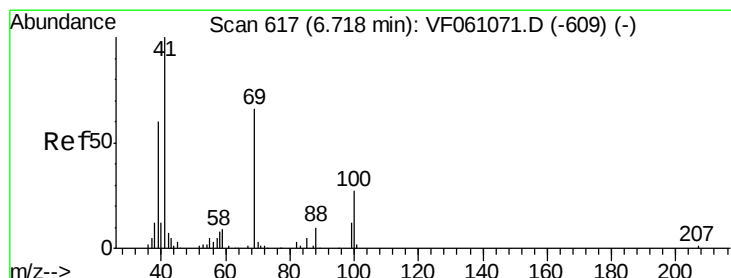
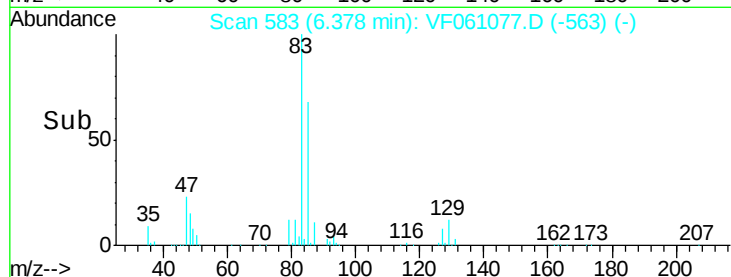
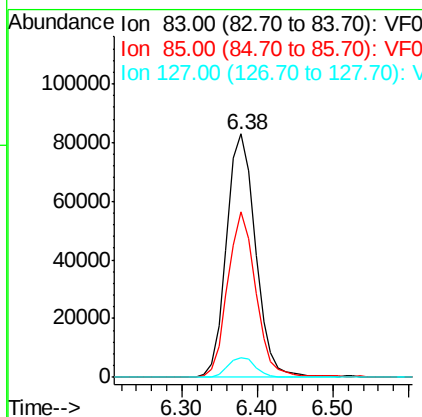
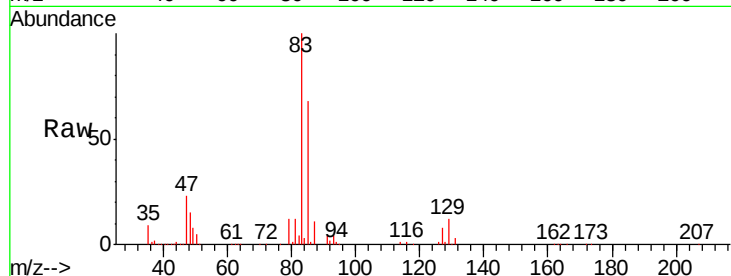
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	220937
Ion Ratio	Lower	Upper	
83	100		
85	67.9	52.2	78.4
127	8.3	6.1	9.1

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#48

Methyl methacrylate

Concen: 47.375 ug/l

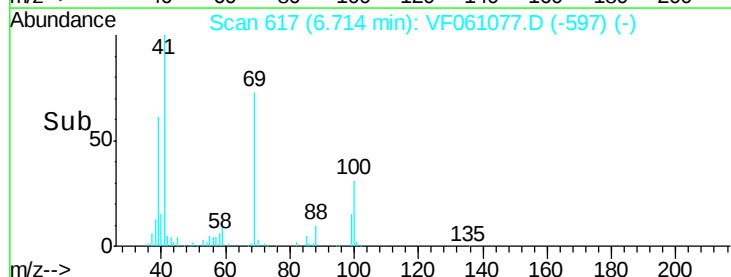
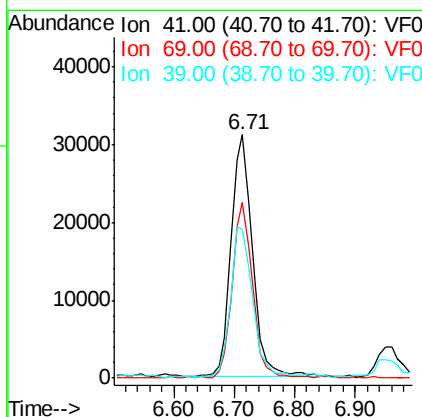
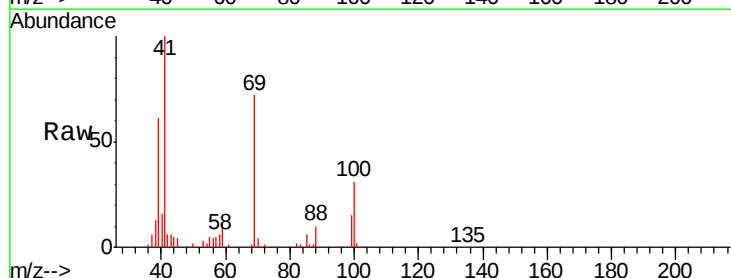
RT: 6.71 min Scan# 617

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Tgt Ion:	41	Resp:	76856
Ion Ratio	Lower	Upper	
41	100		
69	72.3	52.7	79.1
39	61.3	47.8	71.6





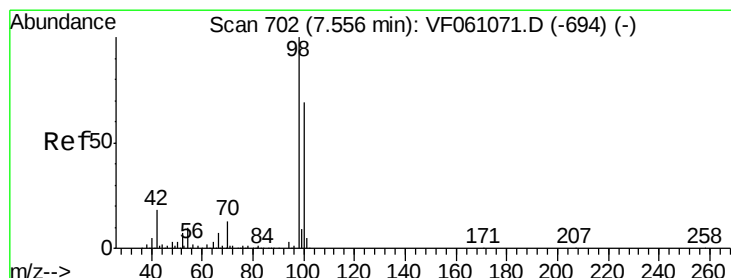
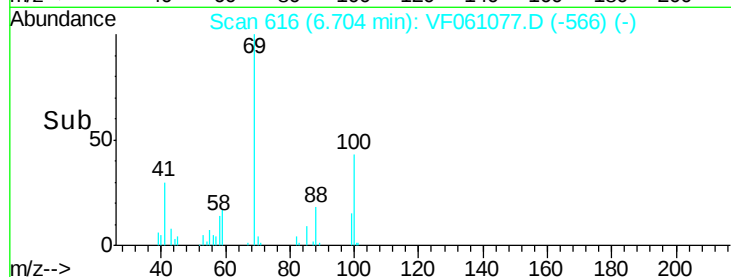
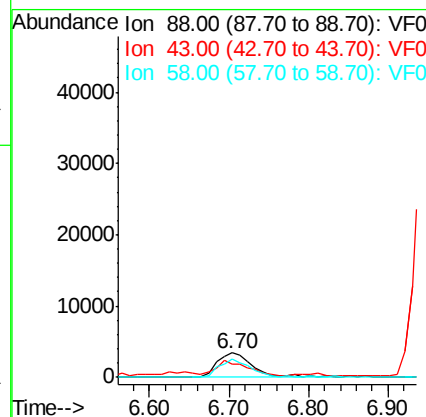
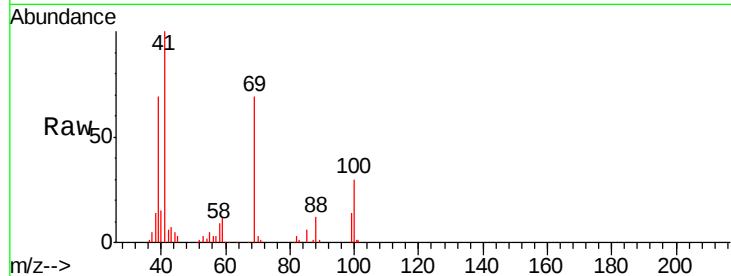
#49
1,4-Dioxane
Concen: 933.109 ug/l
RT: 6.70 min Scan# 616
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	55.8	33.3	49.9#
58	76.9	53.2	79.8

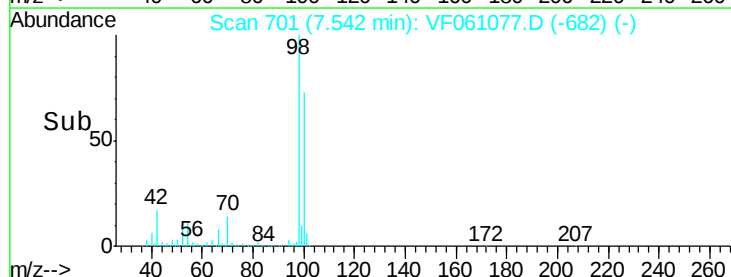
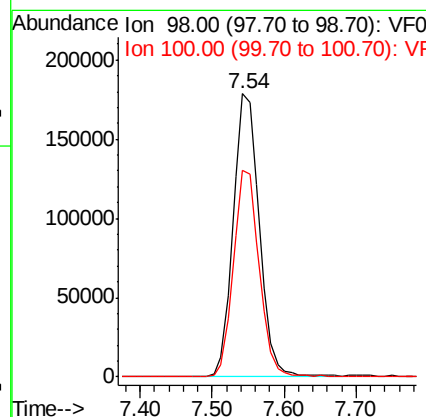
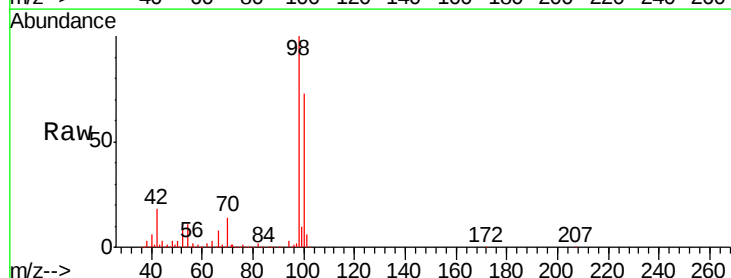
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#50
Toluene-d8
Concen: 49.880 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	73.2	55.3	82.9





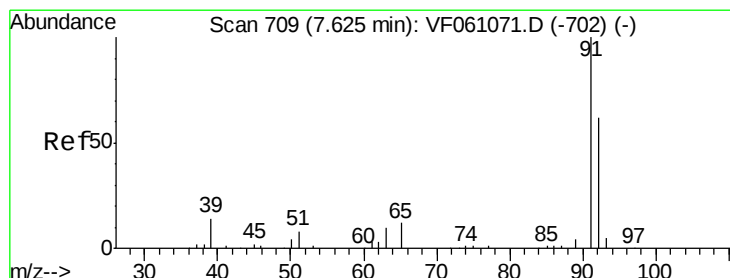
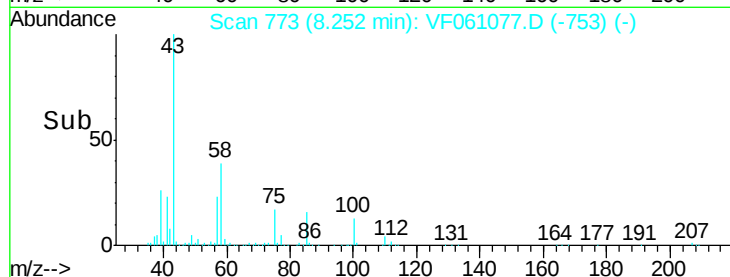
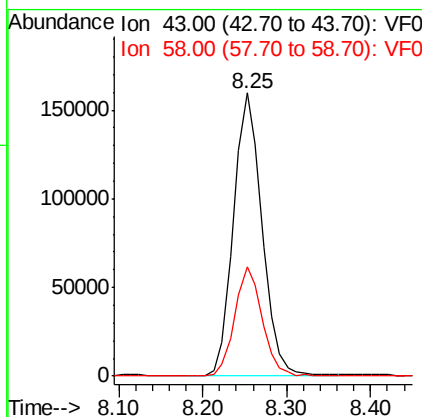
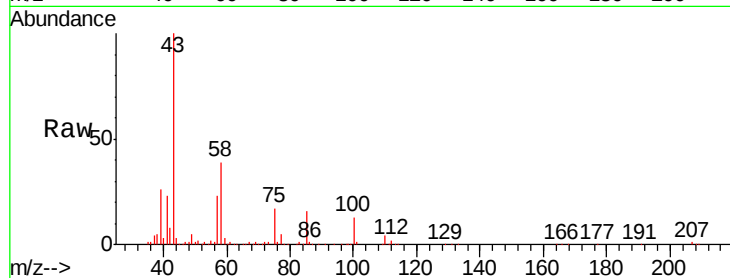
#51
4-Methyl-2-Pentanone
Concen: 236.943 ug/l
RT: 8.25 min Scan# 773
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 377630
Ion Ratio Lower Upper
43 100
58 38.7 29.1 43.7

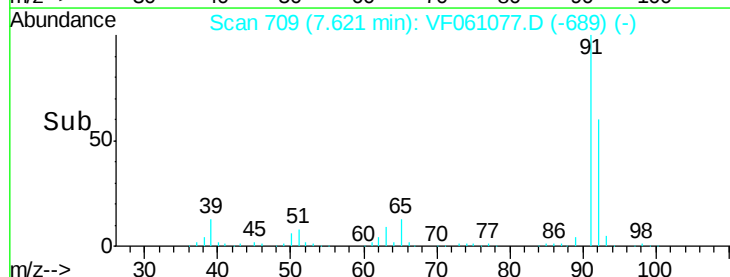
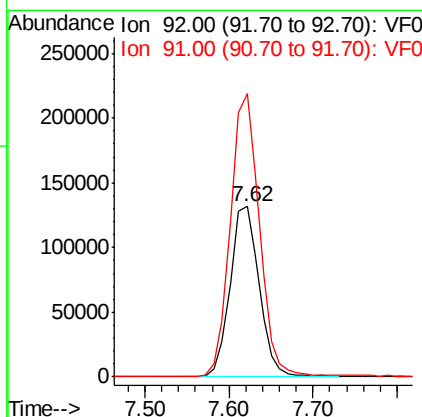
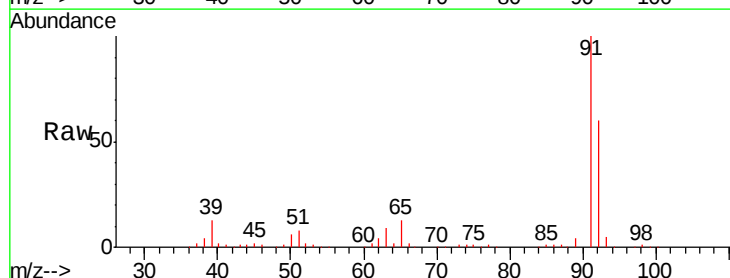
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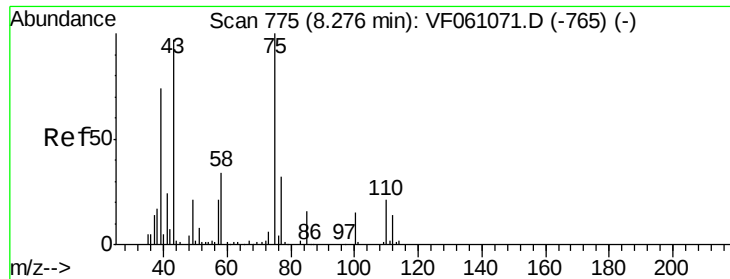
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#52
Toluene
Concen: 46.476 ug/l
RT: 7.62 min Scan# 709
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion: 92 Resp: 318414
Ion Ratio Lower Upper
92 100
91 166.2 128.8 193.2





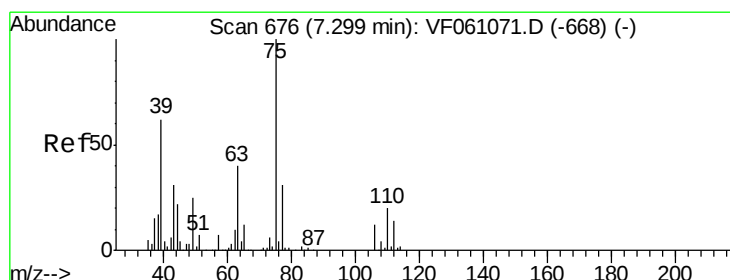
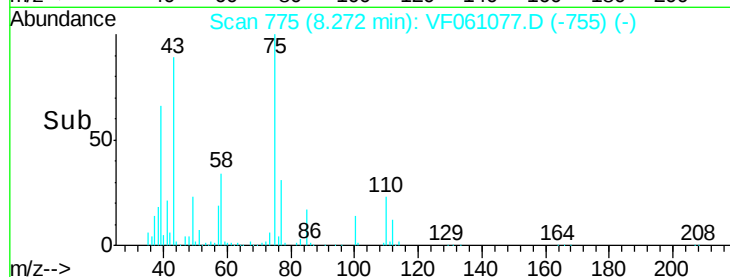
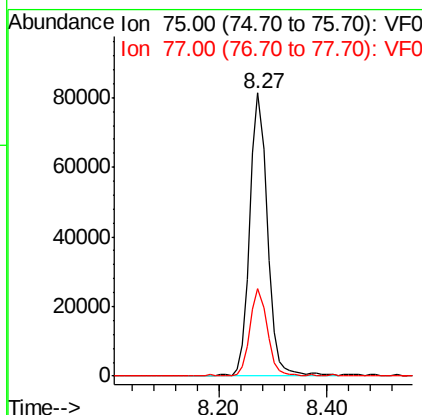
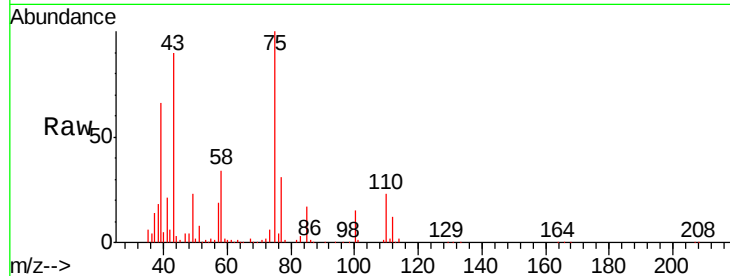
#53
t-1,3-Dichloropropene
Concen: 48.122 ug/l
RT: 8.27 min Scan# 775
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 184217
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.8

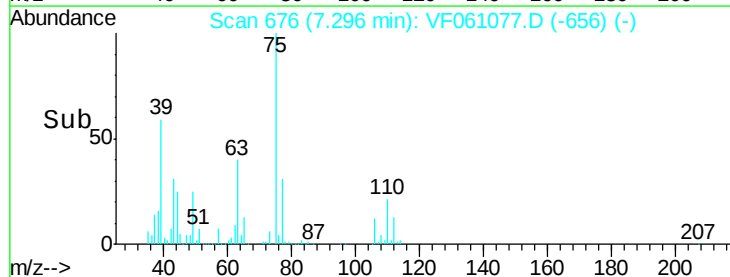
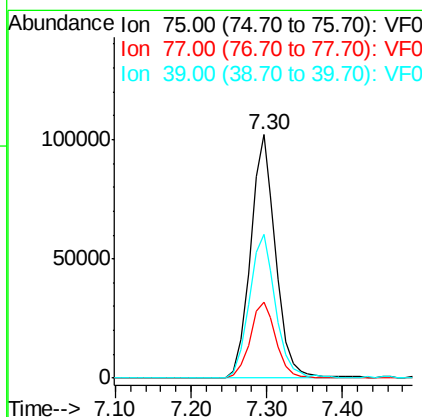
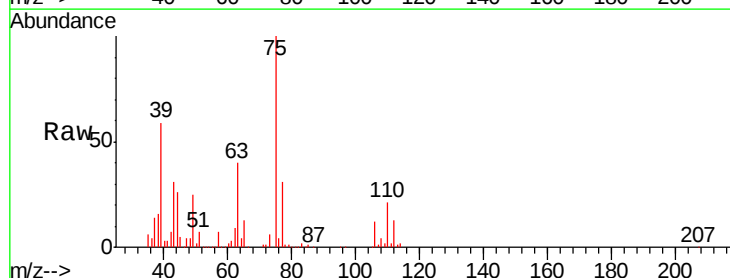
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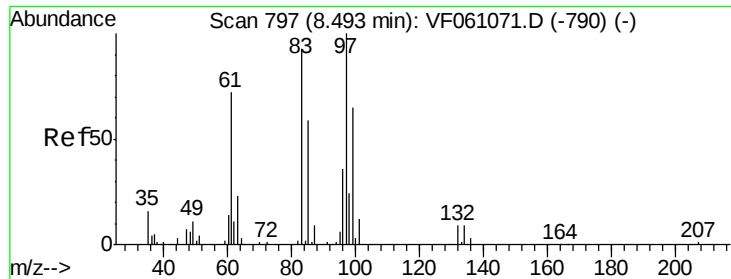
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#54
cis-1,3-Dichloropropene
Concen: 48.951 ug/l
RT: 7.30 min Scan# 676
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion: 75 Resp: 235187
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4
39 59.1 50.1 75.1





#55

1,1,2-Trichloroethane

Concen: 47.025 ug/l

RT: 8.49 min Scan# 797

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

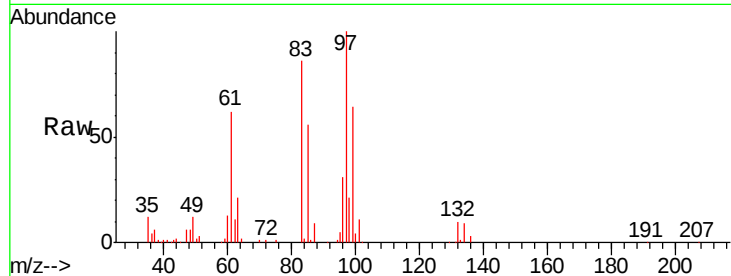
ClientSampleId :

VSTDCCC050

Tgt Ion:	97	Resp:	96583
Ion	Ratio	Lower	Upper
97	100		
83	86.1	75.0	112.4
85	56.0	47.5	71.3
99	63.7	51.9	77.9

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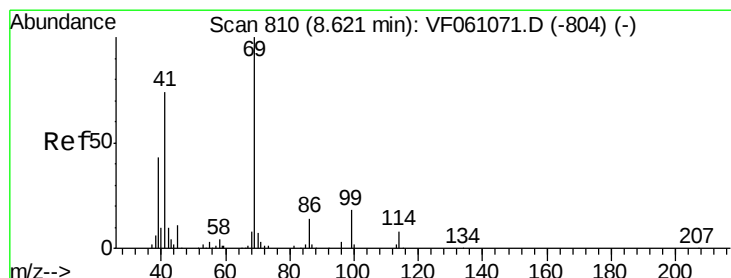
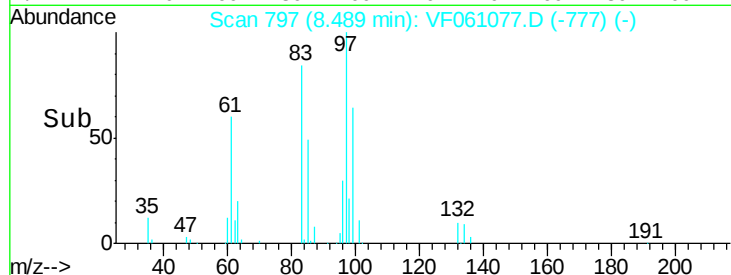
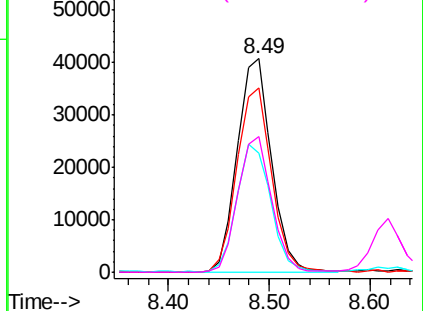


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 49.678 ug/l

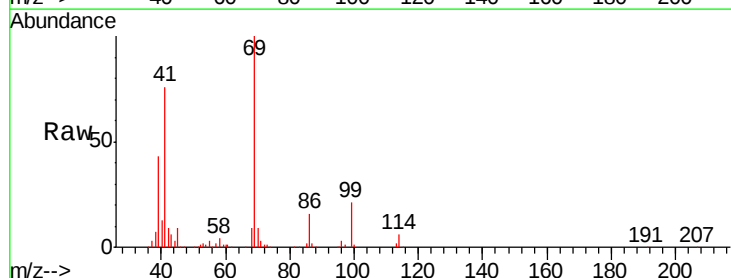
RT: 8.62 min Scan# 810

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

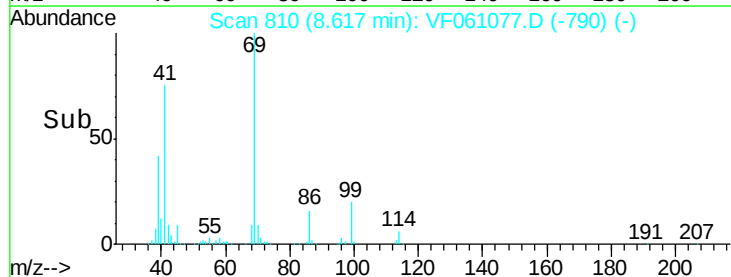
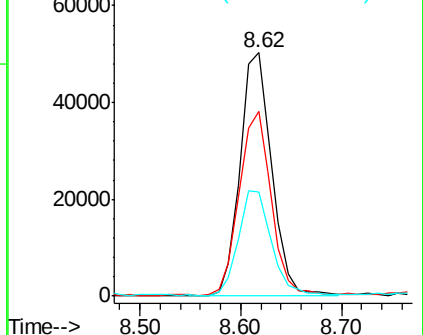
Tgt Ion:	69	Resp:	110407
Ion	Ratio	Lower	Upper
69	100		
41	75.8	59.7	89.5
39	42.6	35.0	52.6

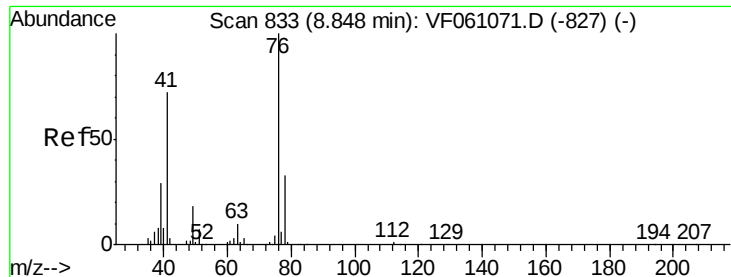


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





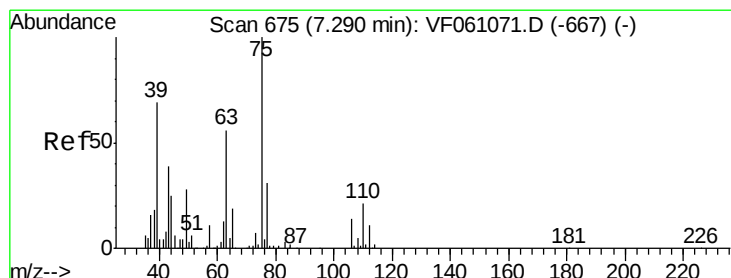
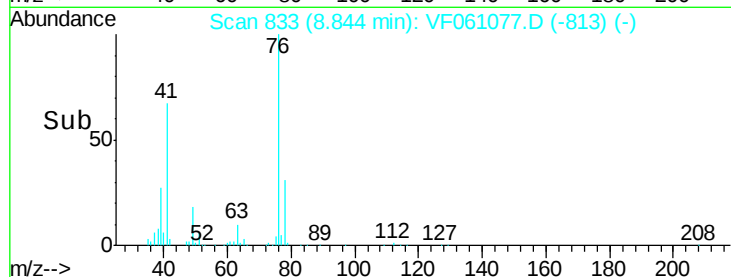
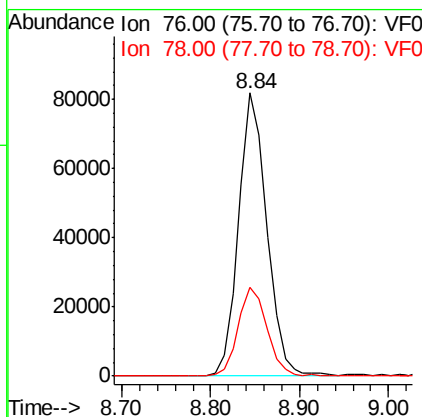
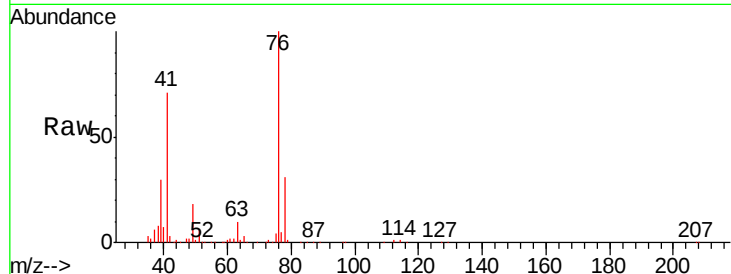
#57
 1,3-Dichloropropane
 Concen: 48.518 ug/l
 RT: 8.84 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: VF061077.D
 Acq: 19 Dec 2018 11:05

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 180229
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.5 39.7

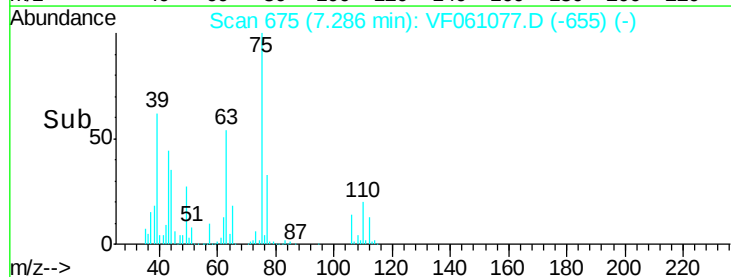
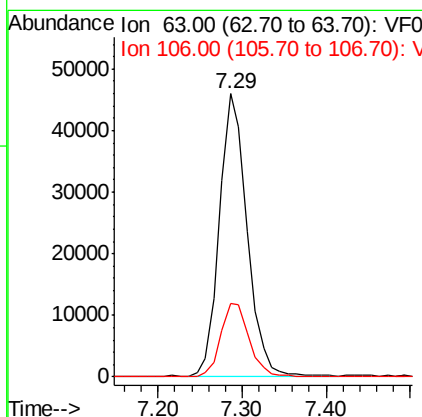
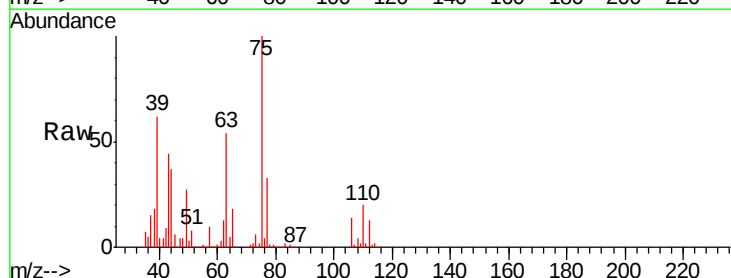
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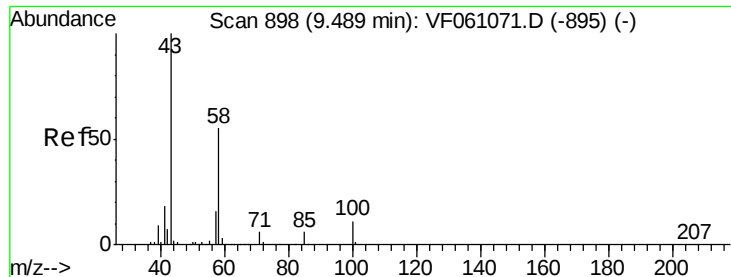
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#58
 2-Chloroethyl Vinyl ether
 Concen: 247.819 ug/l
 RT: 7.29 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VF061077.D
 Acq: 19 Dec 2018 11:05

Tgt Ion: 63 Resp: 105778
 Ion Ratio Lower Upper
 63 100
 106 26.0 19.8 29.8





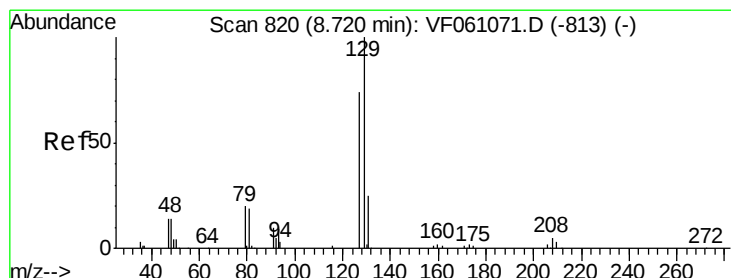
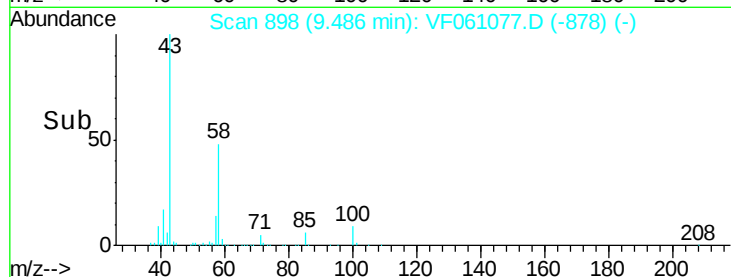
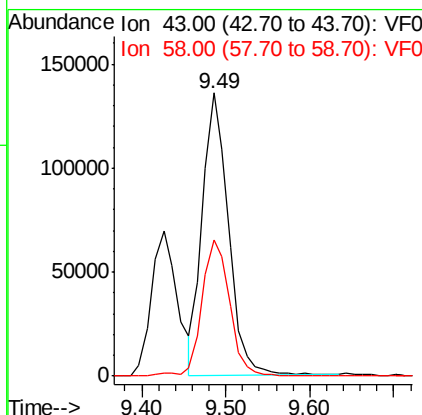
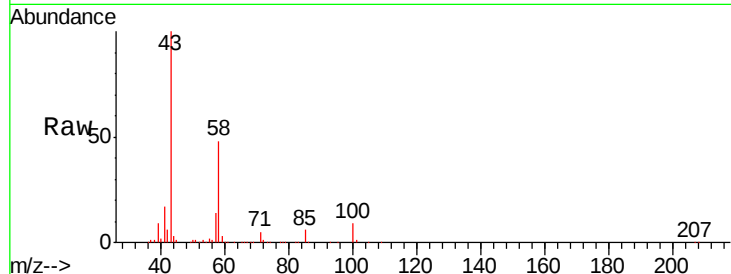
#59
2-Hexanone
Concen: 252.108 ug/l
RT: 9.49 min Scan# 898
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 290572
Ion Ratio Lower Upper
43 100
58 48.3 25.1 75.2

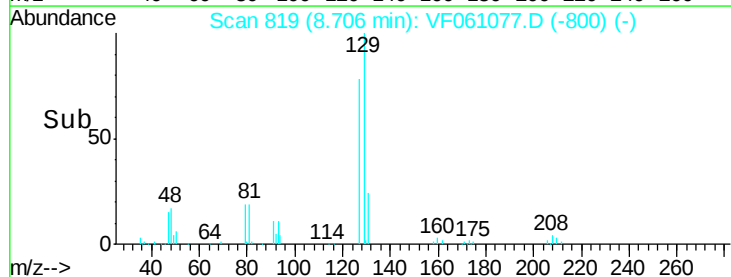
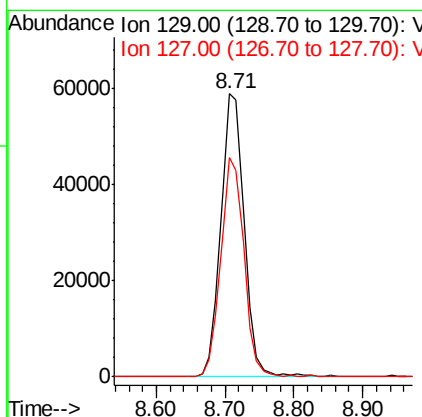
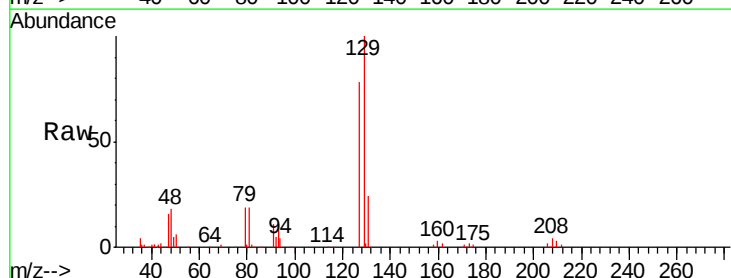
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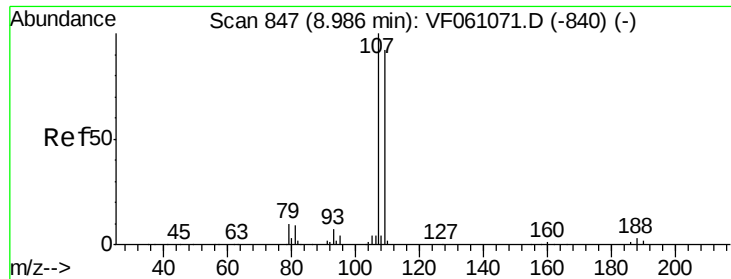
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#60
Dibromochloromethane
Concen: 47.110 ug/l
RT: 8.71 min Scan# 819
Delta R.T. -0.01 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion: 129 Resp: 138698
Ion Ratio Lower Upper
129 100
127 77.5 36.8 110.3





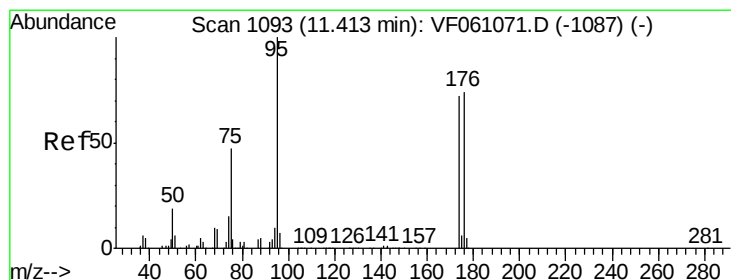
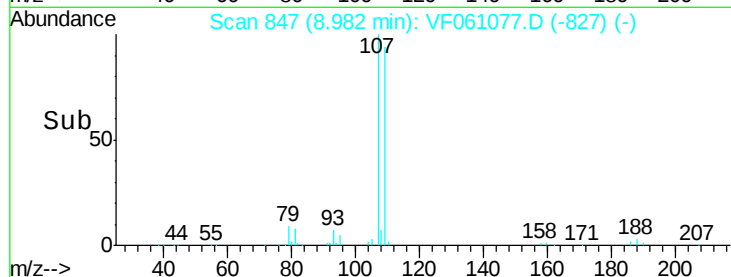
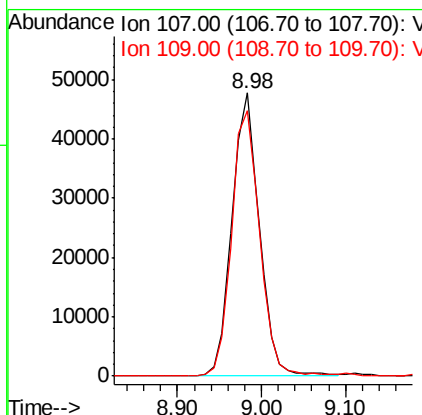
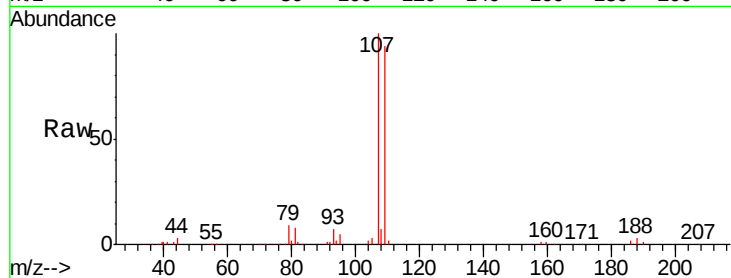
#61
 1,2-Dibromoethane
 Concen: 49.347 ug/l
 RT: 8.98 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VF061077.D
 Acq: 19 Dec 2018 11:05

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 108244
 Ion Ratio Lower Upper
 107 100
 109 93.8 73.7 110.5

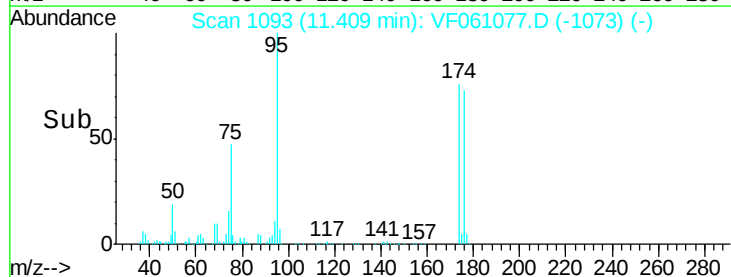
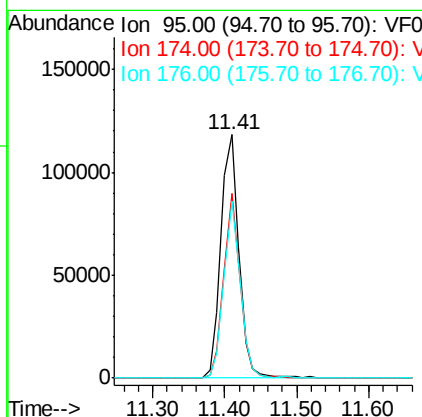
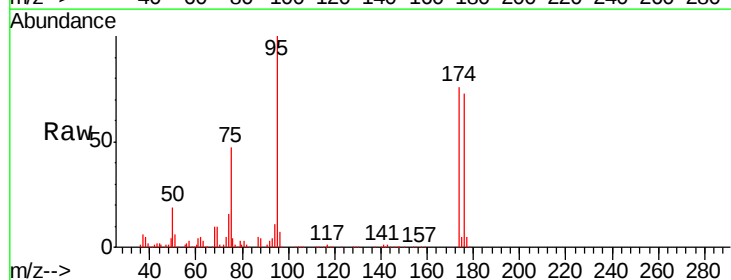
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#62
 4-Bromofluorobenzene
 Concen: 49.316 ug/l
 RT: 11.41 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: VF061077.D
 Acq: 19 Dec 2018 11:05

Tgt Ion: 95 Resp: 205784
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 143.8
 176 72.6 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 927

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

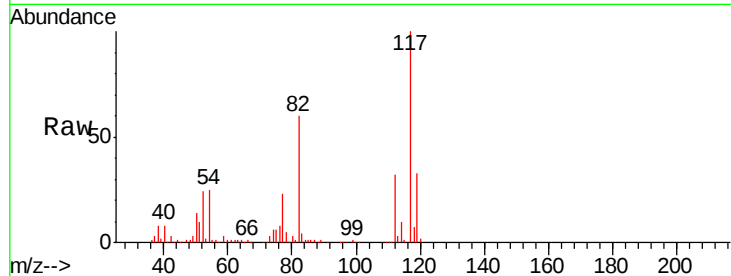
ClientSampleId :

VSTDCCC050

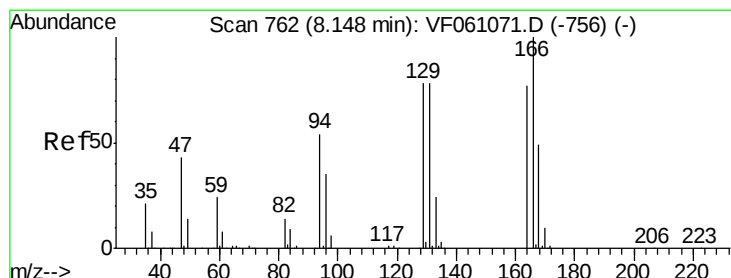
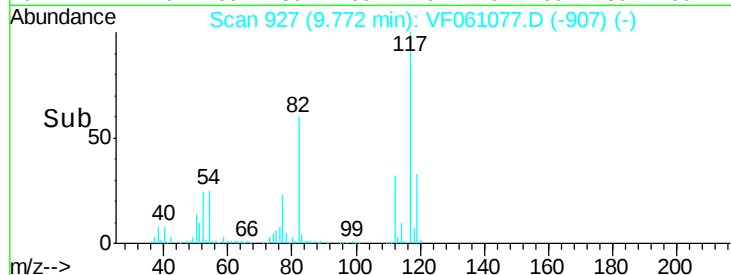
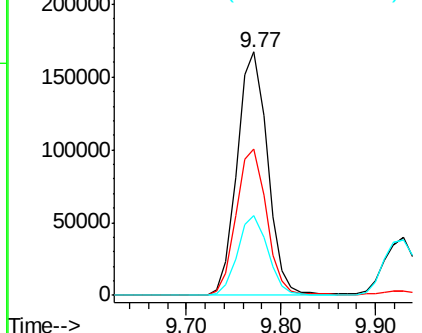
Tgt Ion:	117	Resp:	375937
Ion Ratio		Lower	Upper
117	100		
82	60.3	45.0	67.4
119	32.8	24.8	37.2

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Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#64

Tetrachloroethene

Concen: 48.044 ug/l

RT: 8.14 min Scan# 762

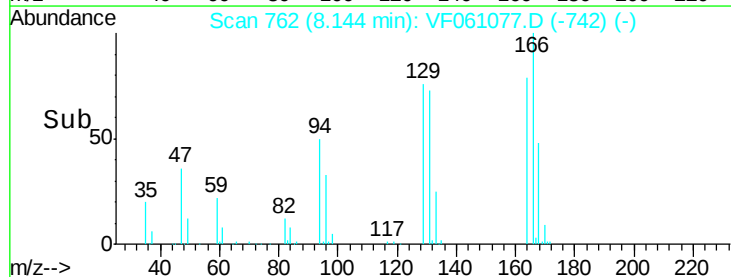
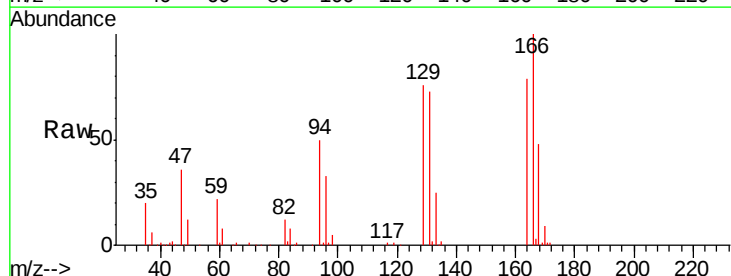
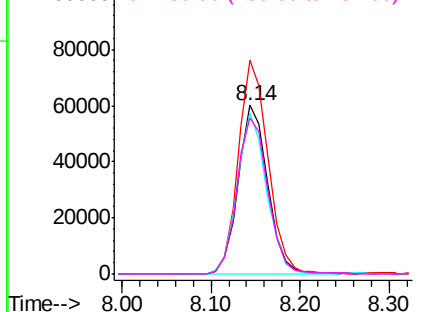
Delta R.T. -0.00 min

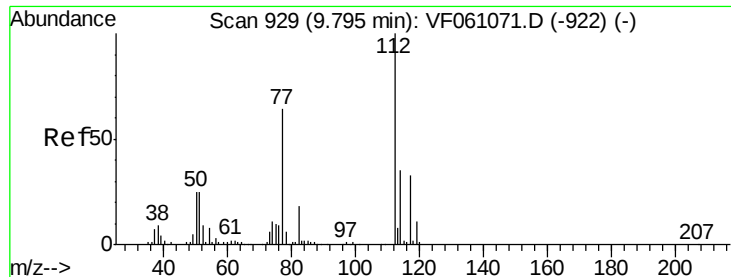
Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Tgt Ion:	164	Resp:	138939
Ion Ratio		Lower	Upper
164	100		
166	126.8	104.0	156.0
129	96.1	81.1	121.7
131	92.6	81.2	121.8

Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V





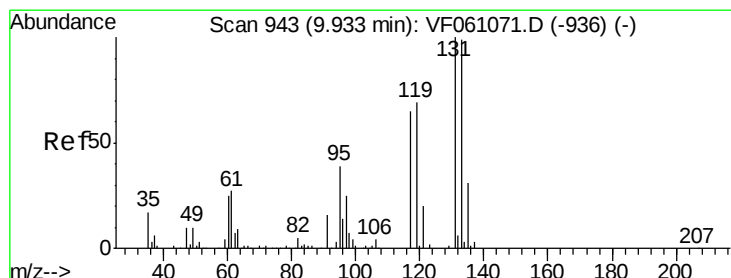
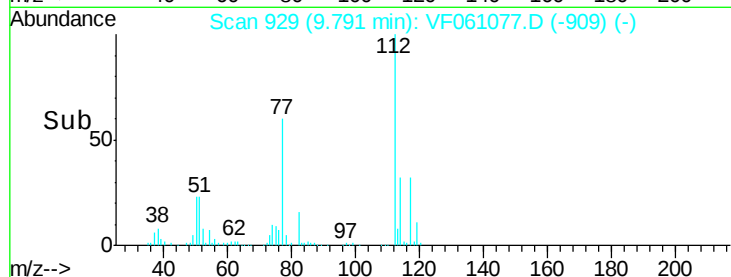
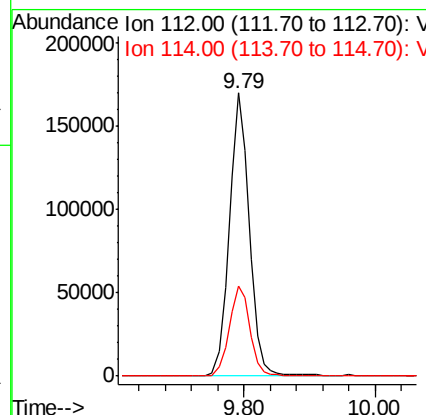
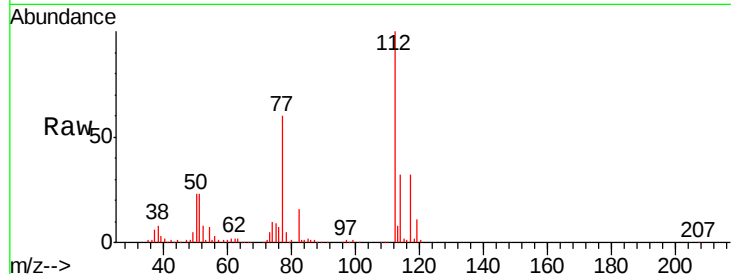
#65
Chlorobenzene
Concen: 46.513 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	361235		
114	31.9	27.8	41.6	

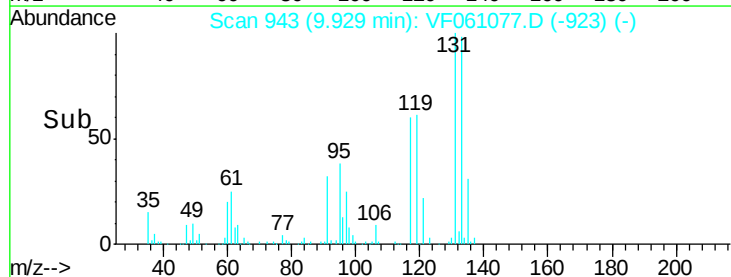
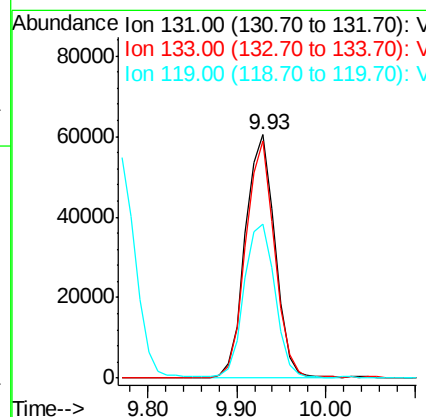
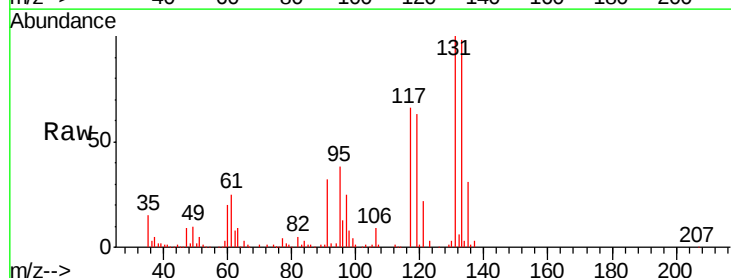
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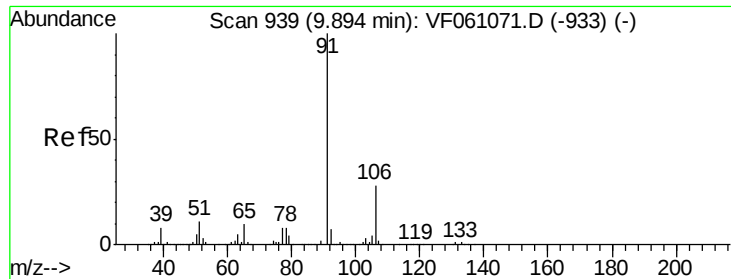
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#66
1,1,1,2-Tetrachloroethane
Concen: 44.250 ug/l
RT: 9.93 min Scan# 943
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	140439		
133	97.6	49.5	148.7	
119	63.4	34.5	103.5	





#67

Ethyl Benzene

Concen: 46.151 ug/l

RT: 9.89 min Scan# 939

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 652978

Ion Ratio Lower Upper

91 100

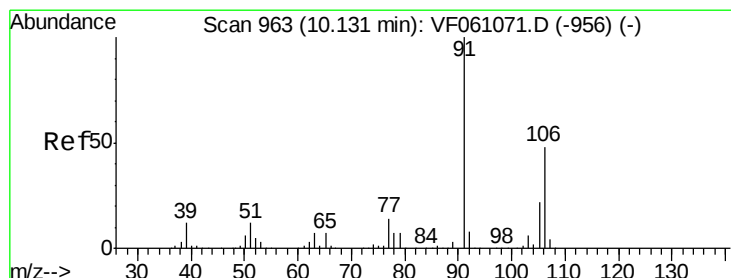
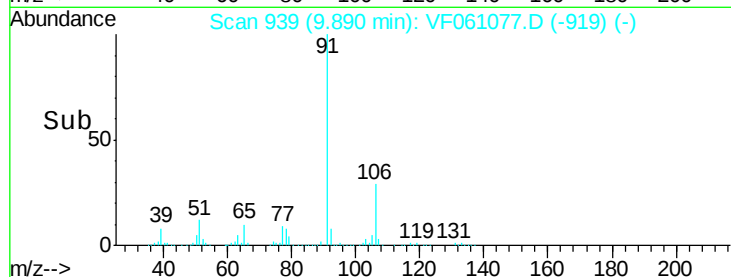
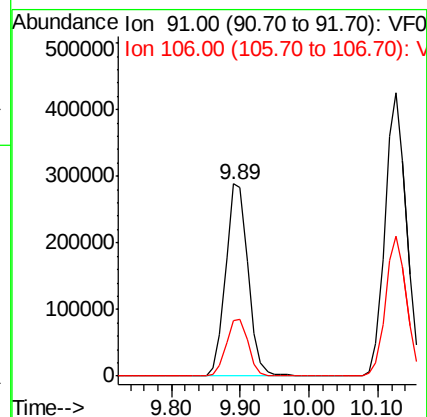
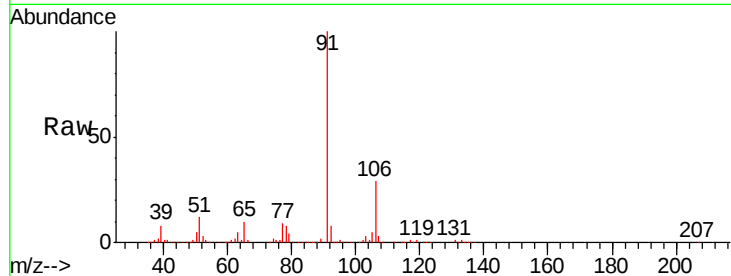
106 28.8 22.5 33.7

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#68

m/p-Xylenes

Concen: 90.779 ug/l

RT: 10.13 min Scan# 963

Delta R.T. -0.00 min

Lab File: VF061077.D

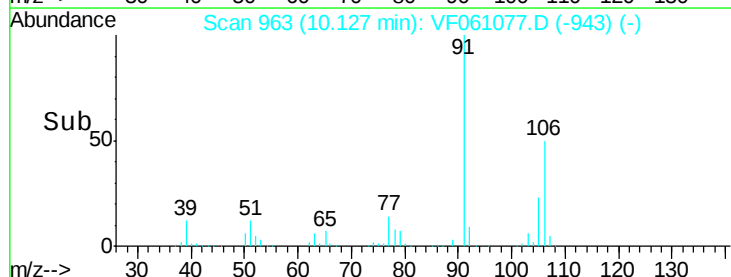
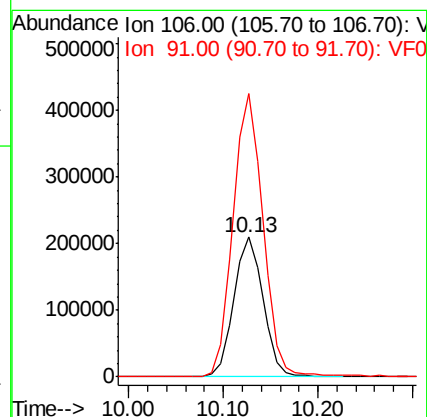
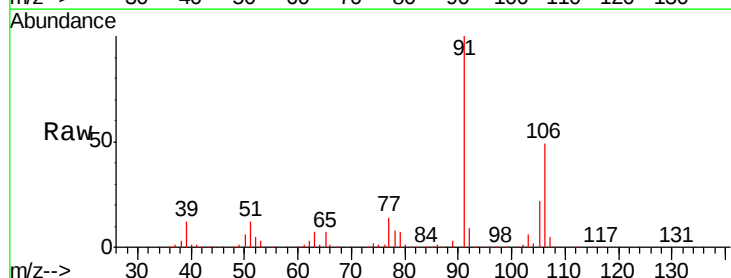
Acq: 19 Dec 2018 11:05

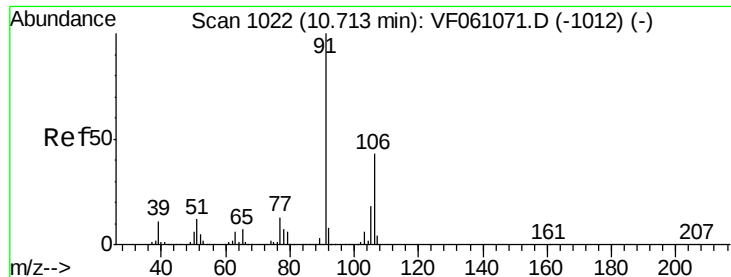
Tgt Ion: 106 Resp: 452016

Ion Ratio Lower Upper

106 100

91 203.0 168.2 252.2





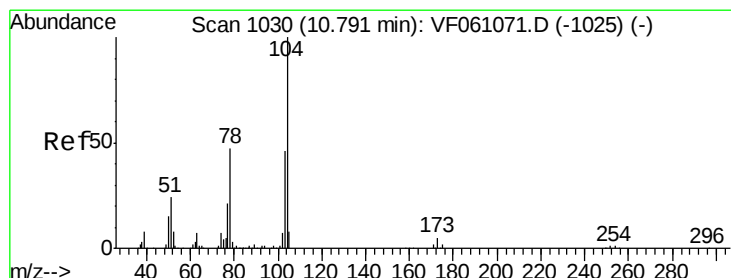
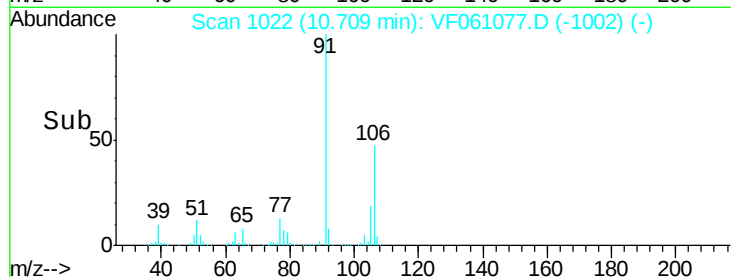
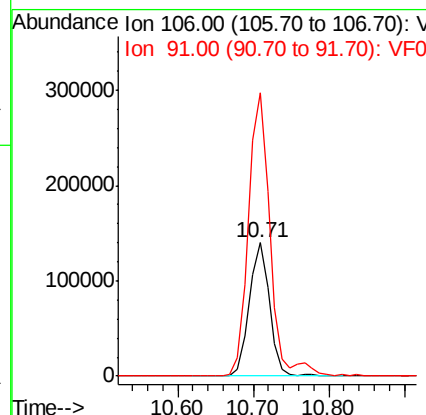
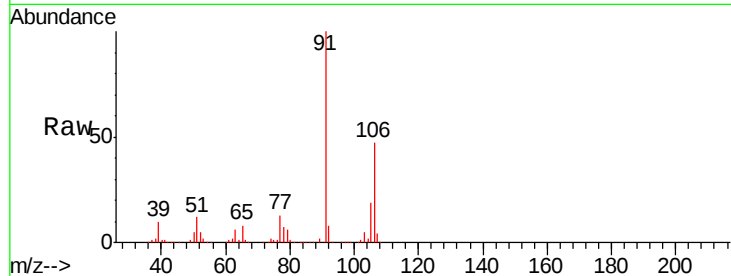
#69
o-Xylene
Concen: 47.073 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 259954
Ion Ratio Lower Upper
106 100
91 212.6 115.9 347.7

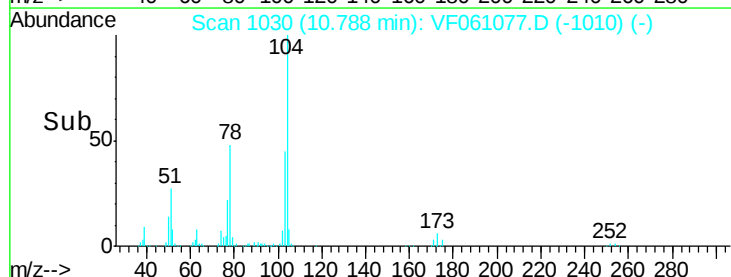
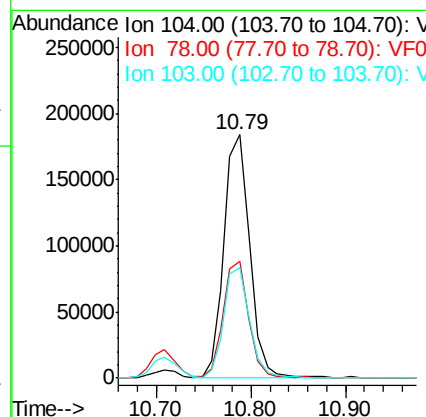
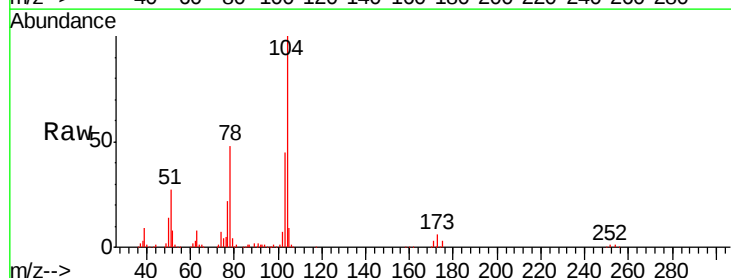
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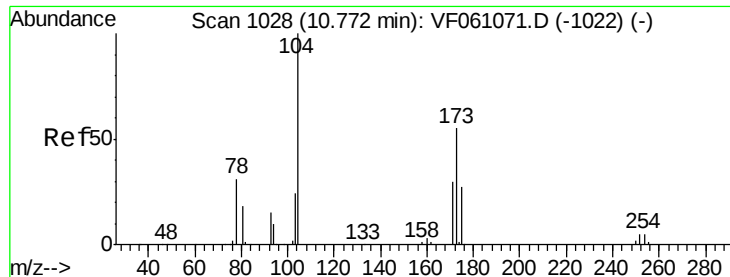
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#70
Styrene
Concen: 51.855 ug/l
RT: 10.79 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion:104 Resp: 347730
Ion Ratio Lower Upper
104 100
78 47.9 38.4 57.6
103 45.4 37.0 55.6





#71

Bromoform

Concen: 47.212 ug/l

RT: 10.77 min Scan# 1028

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

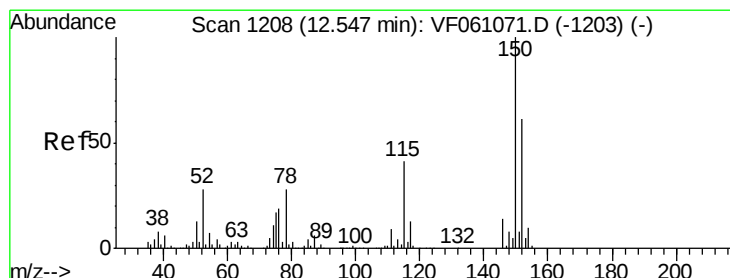
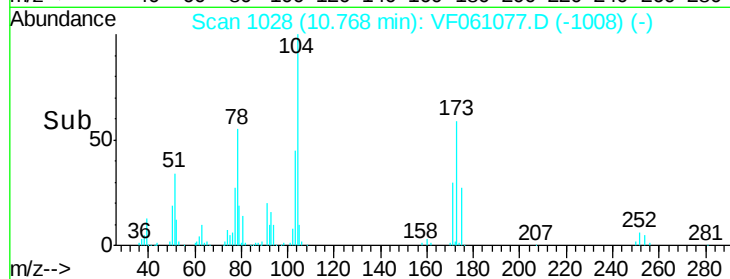
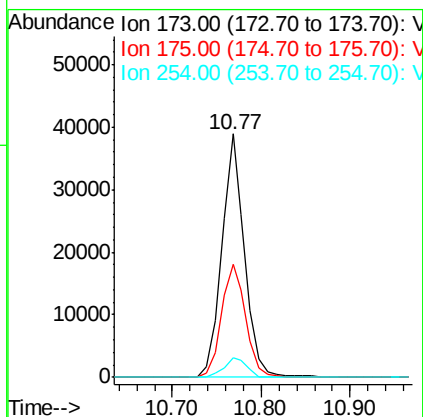
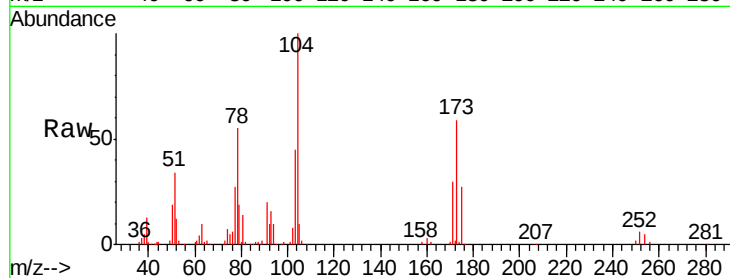
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.2	24.8	74.4
254	8.3	0.0	0.0#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

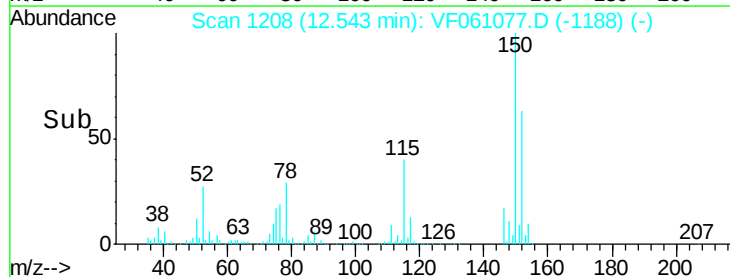
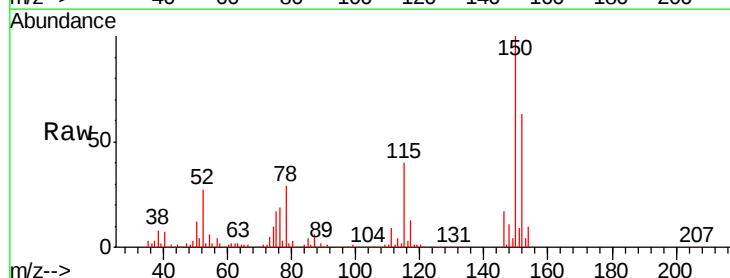
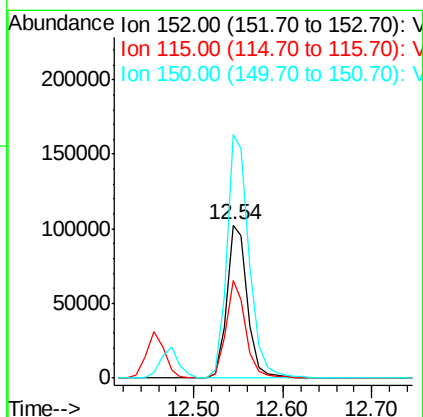
RT: 12.54 min Scan# 1208

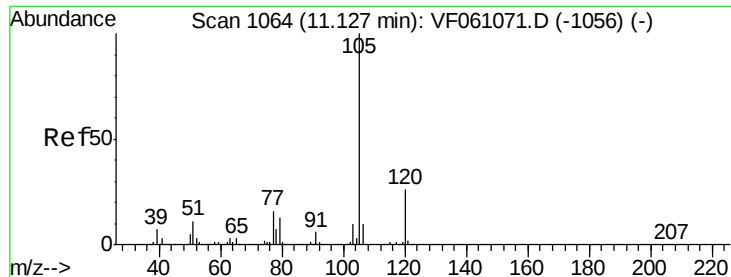
Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.6	33.3	99.9
150	159.0	0.0	328.2





#73

Isopropylbenzene

Concen: 49.532 ug/l

RT: 11.12 min Scan# 1064

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 719784

Ion Ratio Lower Upper

105 100

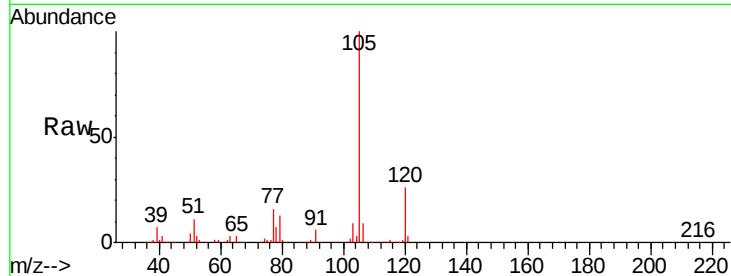
120 25.9 13.0 39.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

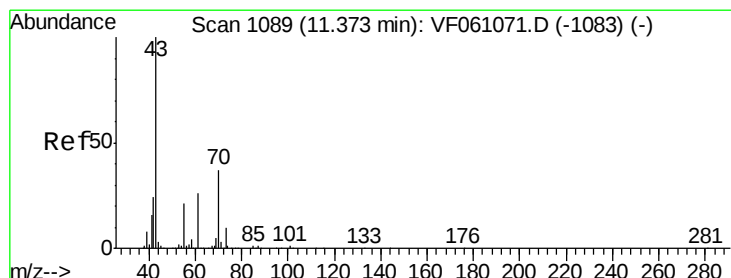
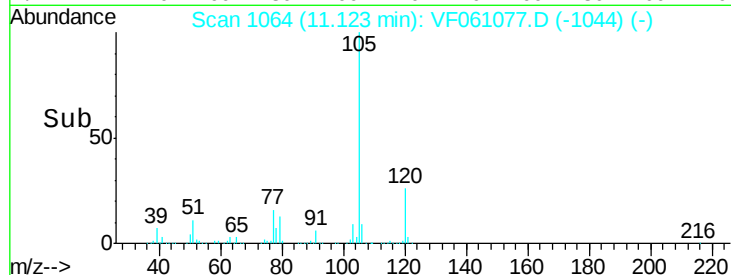
200000

100000

0

11.00 11.10 11.20 11.30

Time-->



#74

N-ethyl acetate

Concen: 52.935 ug/l

RT: 11.37 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Tgt Ion: 43 Resp: 170782

Ion Ratio Lower Upper

43 100

70 37.8 29.2 43.8

55 20.7 16.5 24.7

61 25.3 20.7 31.1

Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

150000

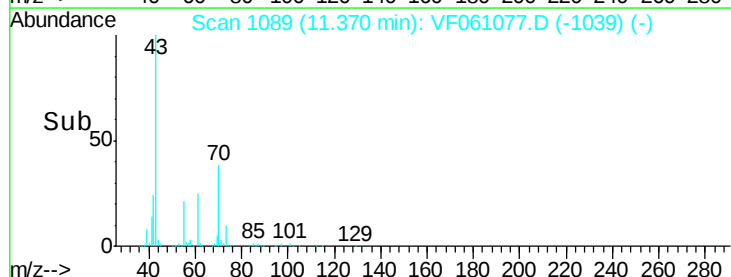
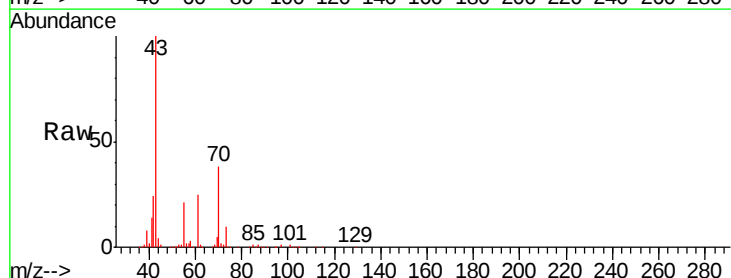
100000

50000

0

11.20 11.30 11.40 11.50

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.885 ug/l

RT: 11.70 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

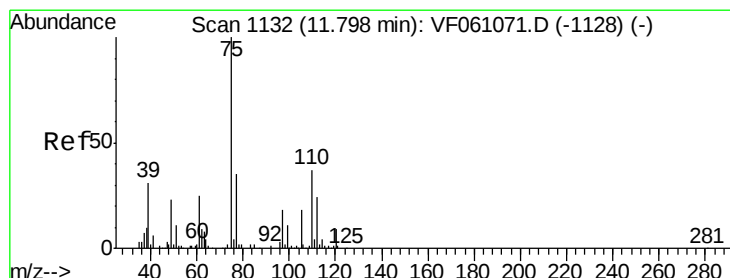
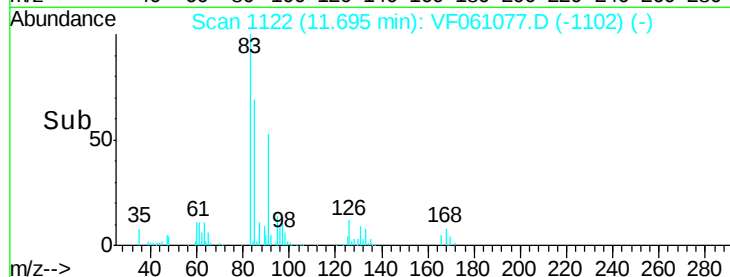
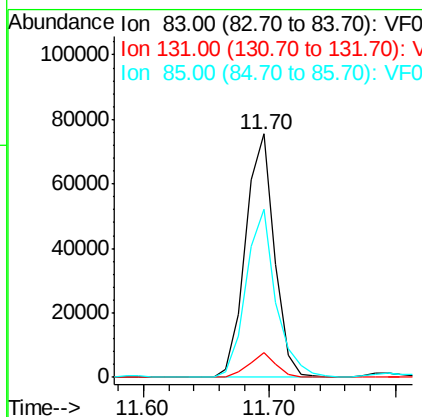
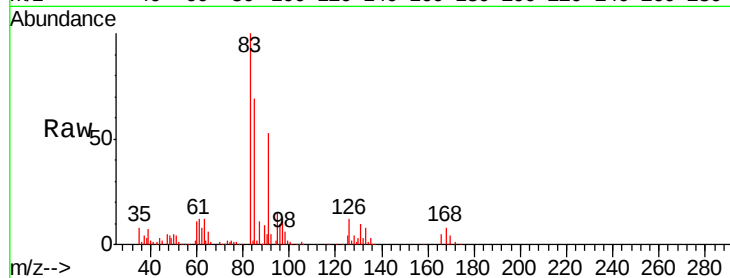
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	120311
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.8	14.3
85	69.3	33.9	101.6

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#76

1,2,3-Trichloropropane

Concen: 47.642 ug/l

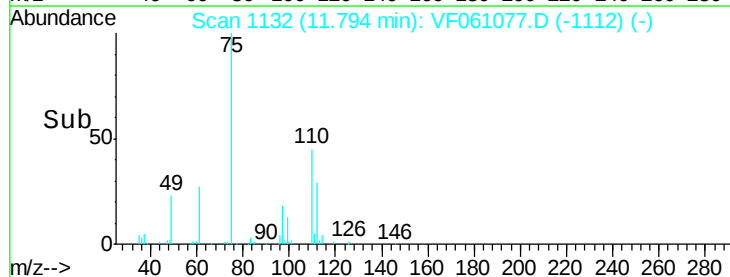
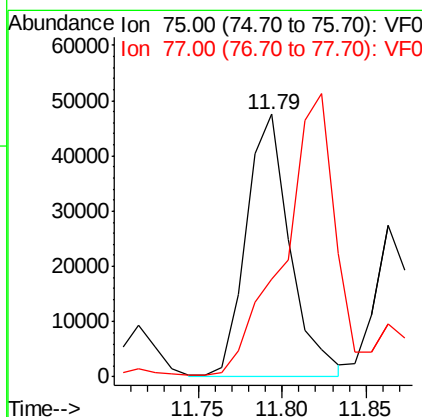
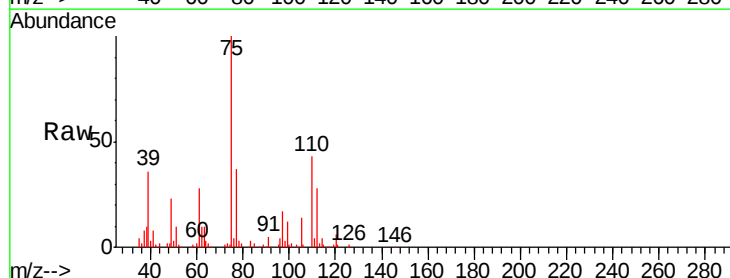
RT: 11.79 min Scan# 1132

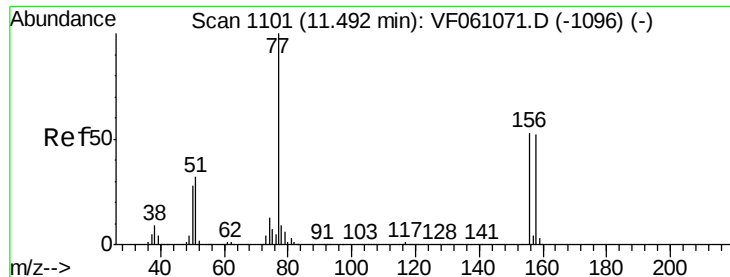
Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Tgt Ion:	75	Resp:	85509
Ion Ratio	Lower	Upper	
75	100		
77	37.3	17.6	52.9





#77

Bromobenzene

Concen: 51.095 ug/l

RT: 11.49 min Scan# 1101

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

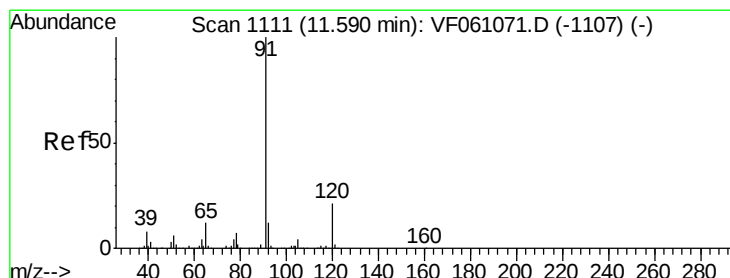
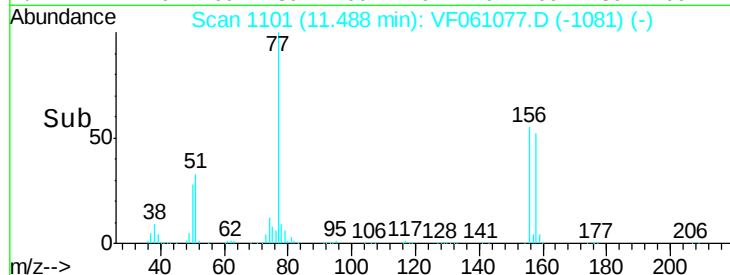
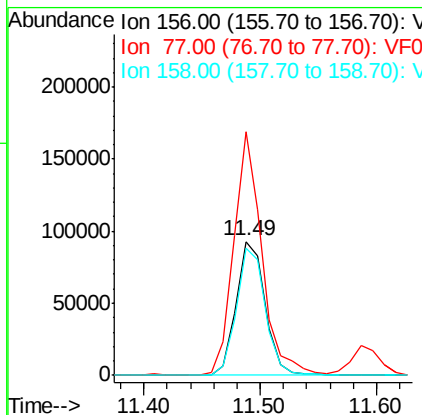
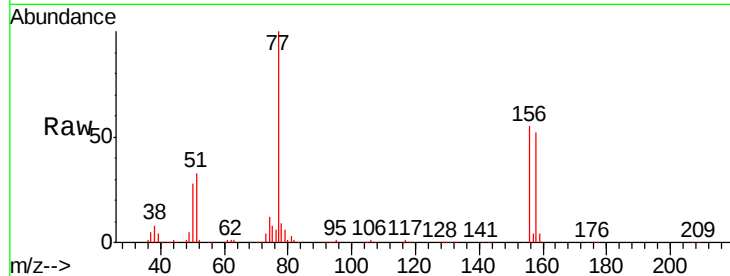
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	159835		
77	182.0	93.8	281.4	
158	95.2	48.9	146.8	

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#78

n-propylbenzene

Concen: 50.926 ug/l

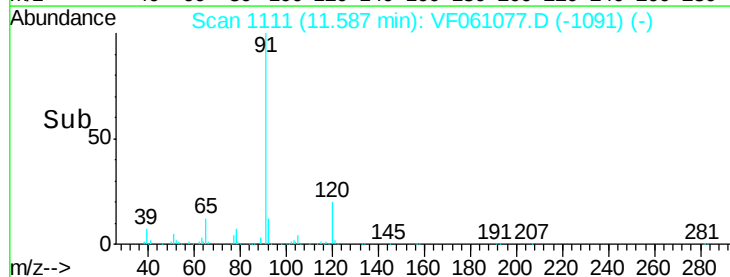
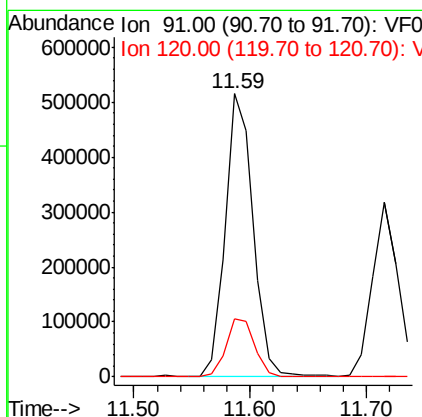
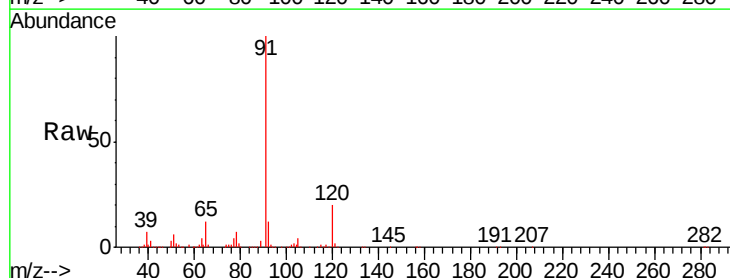
RT: 11.59 min Scan# 1111

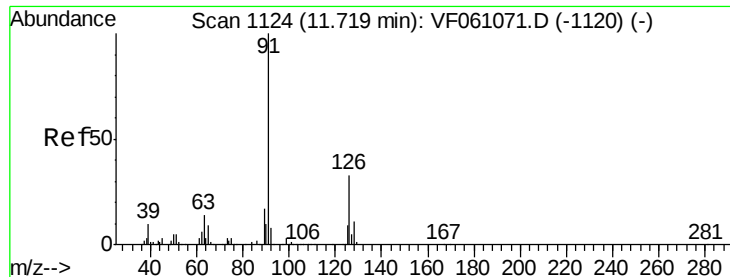
Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	848755		
120	20.4	10.4	31.2	





#79

2-Chlorotoluene

Concen: 48.559 ug/l

RT: 11.71 min Scan# 1124

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 484071

Ion Ratio Lower Upper

91 100

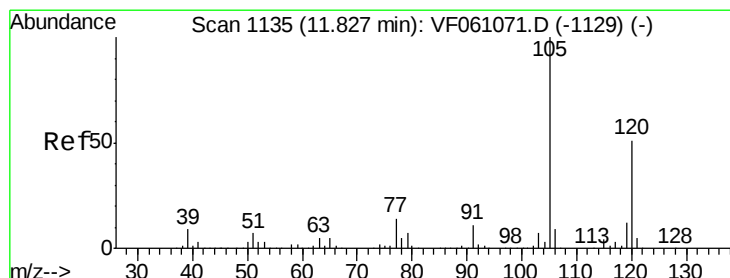
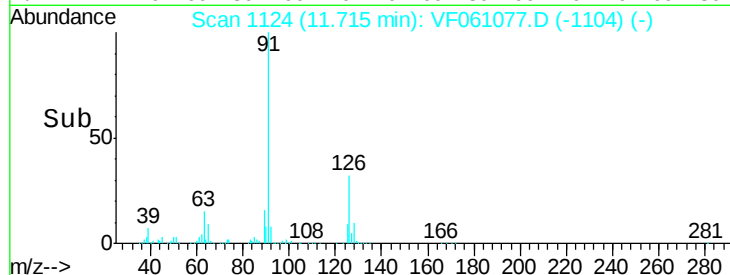
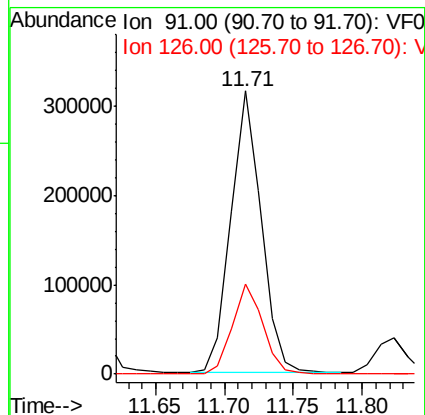
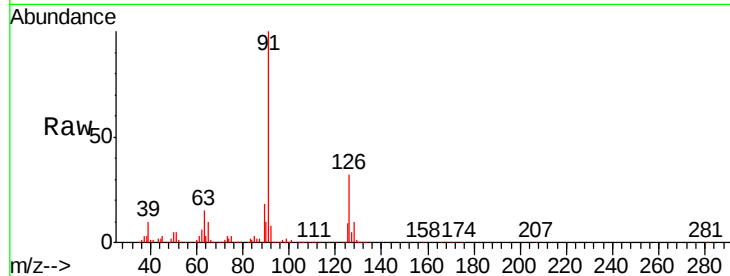
126 31.8 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 48.613 ug/l

RT: 11.82 min Scan# 1135

Delta R.T. -0.00 min

Lab File: VF061077.D

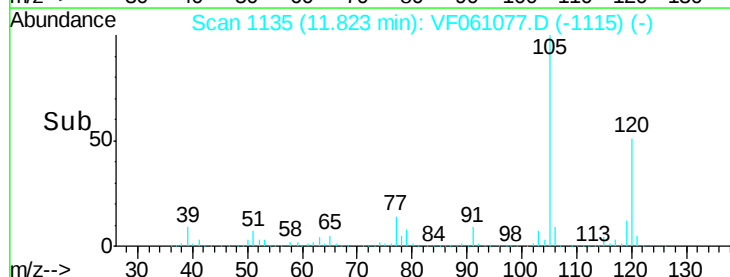
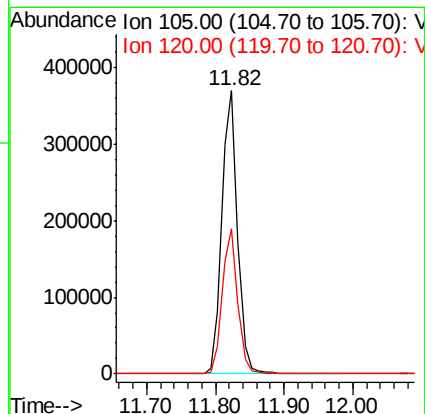
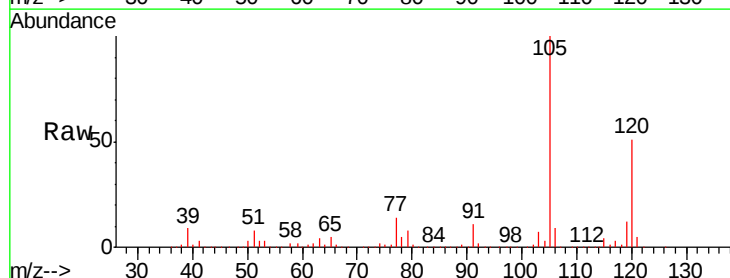
Acq: 19 Dec 2018 11:05

Tgt Ion: 105 Resp: 581693

Ion Ratio Lower Upper

105 100

120 51.4 25.4 76.4





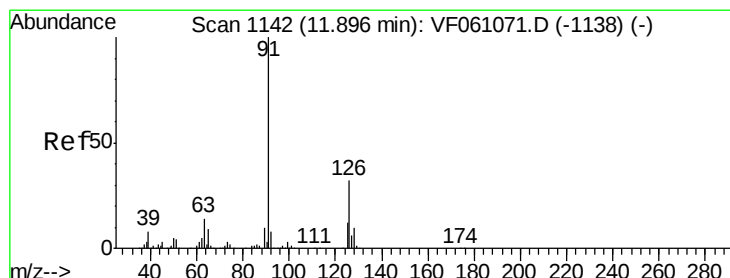
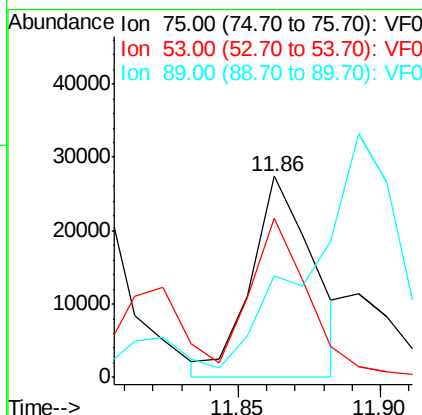
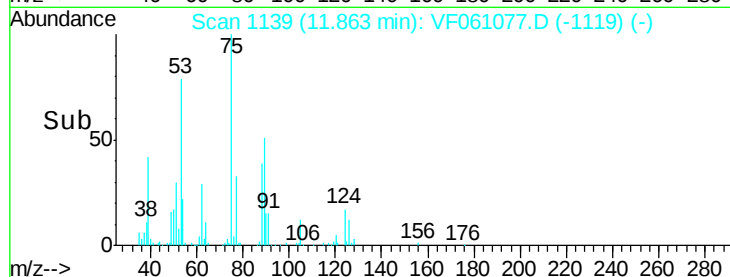
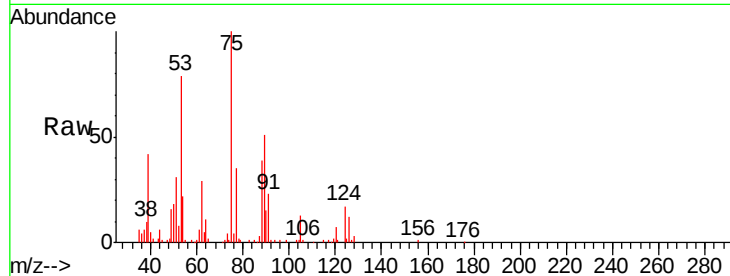
#81
trans-1,4-Dichloro-2-butene
Concen: 54.393 ug/l m
RT: 11.86 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 41951
Ion Ratio Lower Upper
75 100
53 79.3 74.1 111.1
89 50.8 42.6 64.0

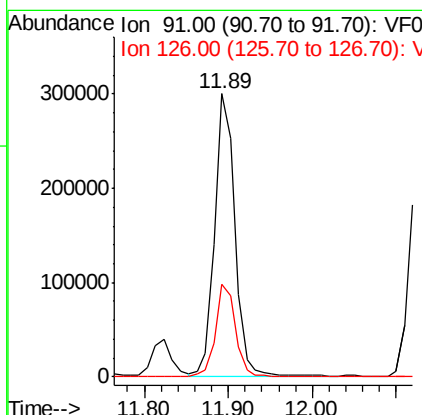
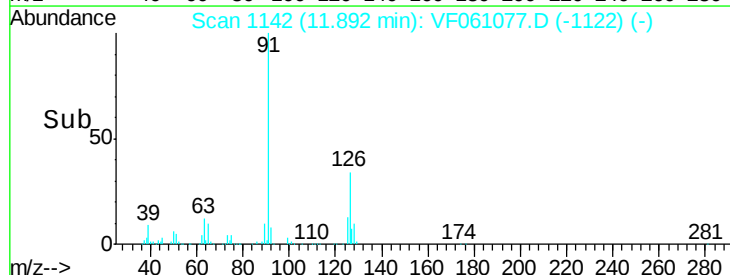
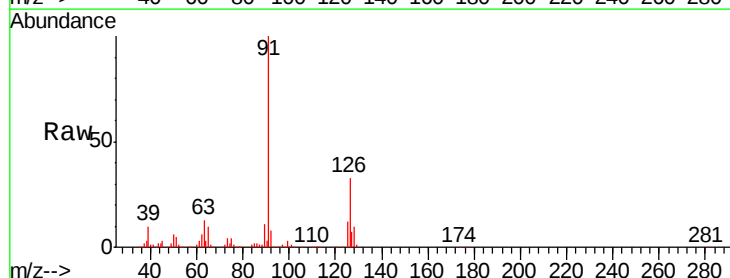
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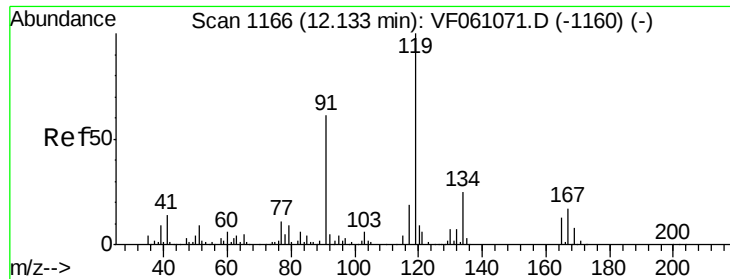
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#82
4-Chlorotoluene
Concen: 48.022 ug/l
RT: 11.89 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion: 91 Resp: 495224
Ion Ratio Lower Upper
91 100
126 32.6 16.0 47.9





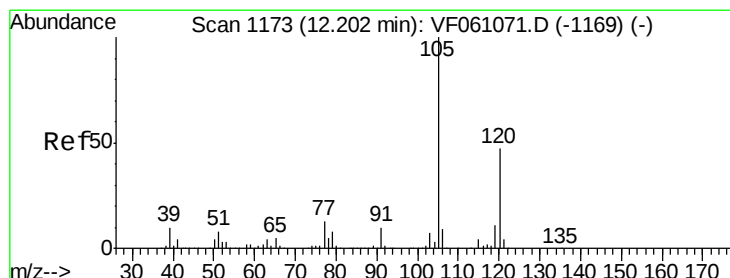
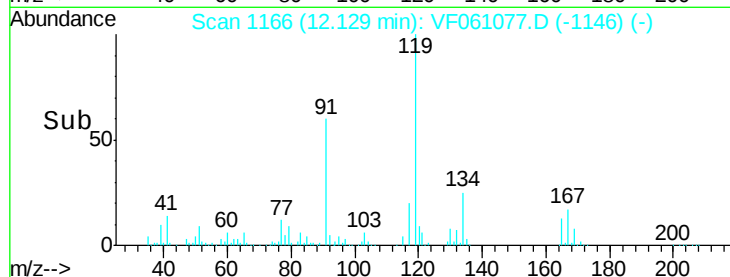
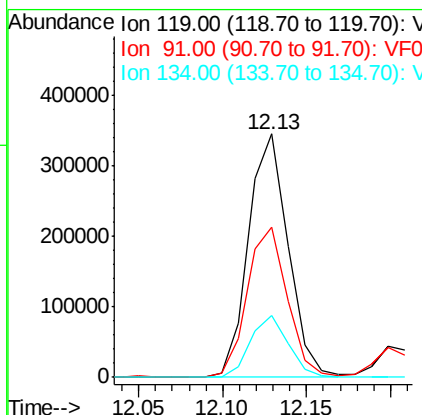
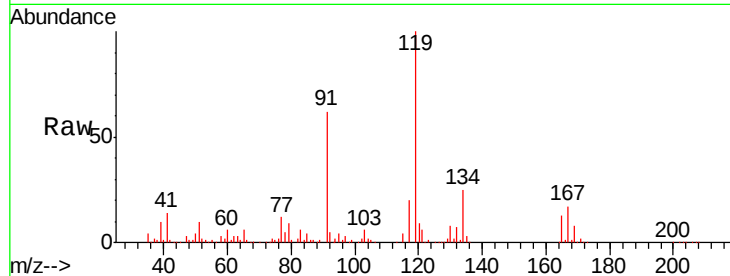
#83
 tert-Butylbenzene
 Concen: 46.016 ug/l
 RT: 12.13 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: VF061077.D
 Acq: 19 Dec 2018 11:05

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	566595		
91	61.7	30.5	91.5	
134	25.5	12.4	37.4	

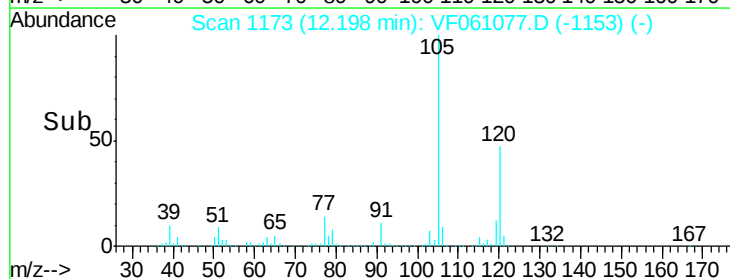
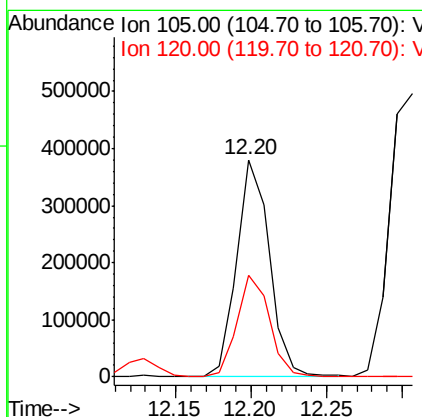
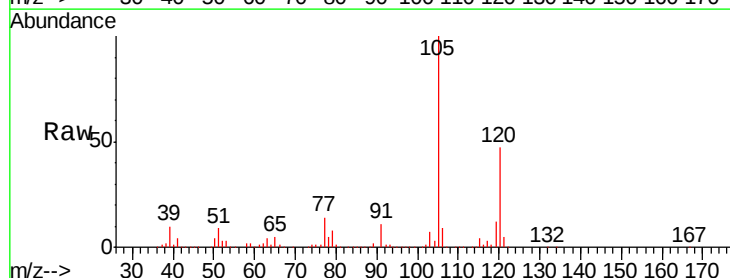
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.989 ug/l
 RT: 12.20 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VF061077.D
 Acq: 19 Dec 2018 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	572625		
120	46.8	23.6	71.0	





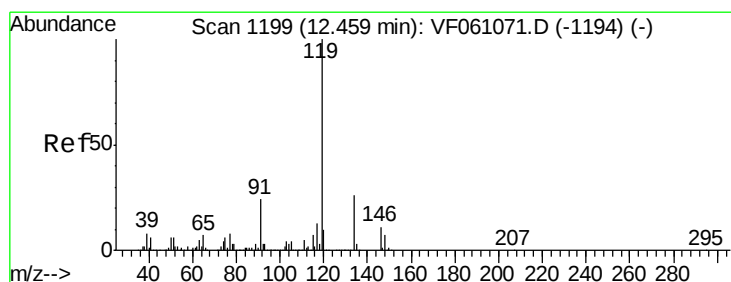
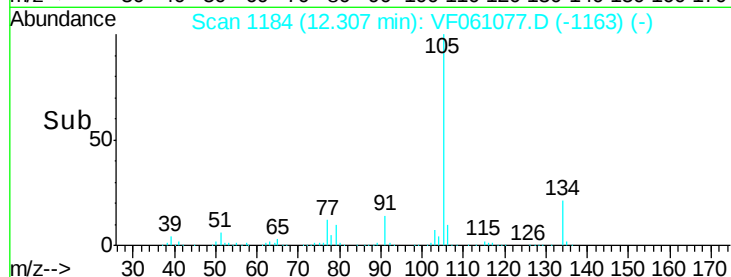
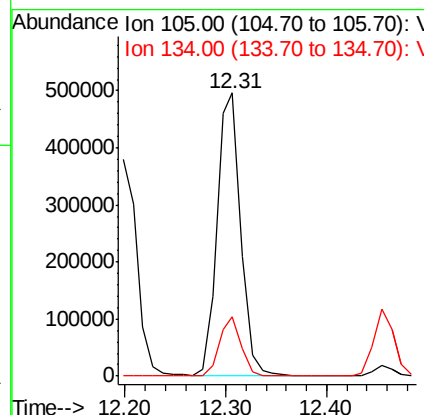
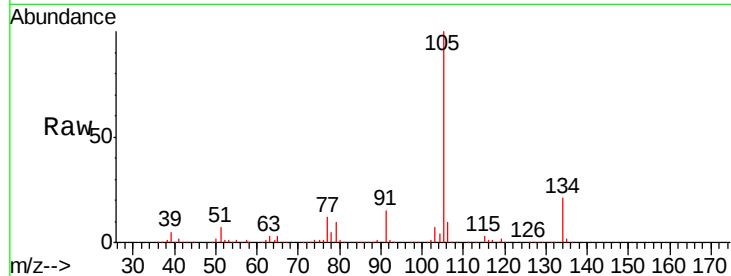
#85
 sec-Butylbenzene
 Concen: 50.468 ug/l
 RT: 12.31 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: VF061077.D
 Acq: 19 Dec 2018 11:05

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 810953
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.4 28.2

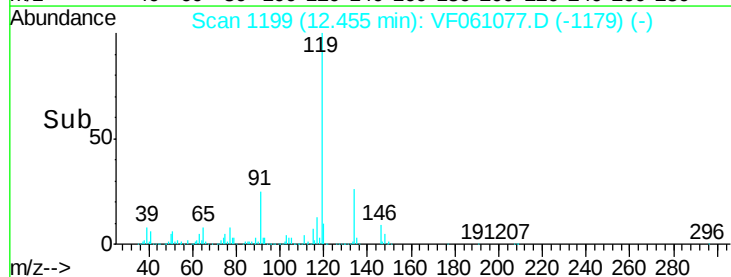
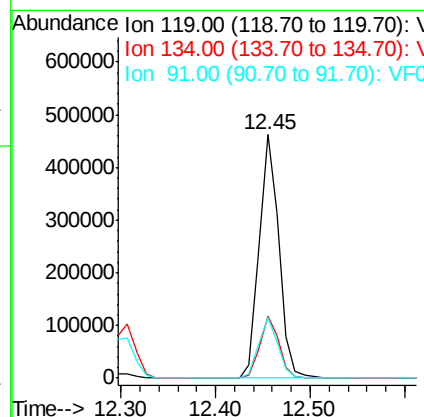
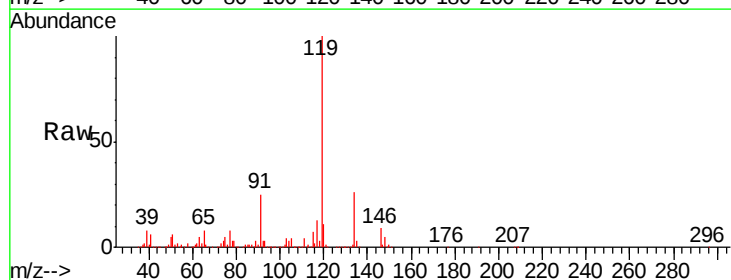
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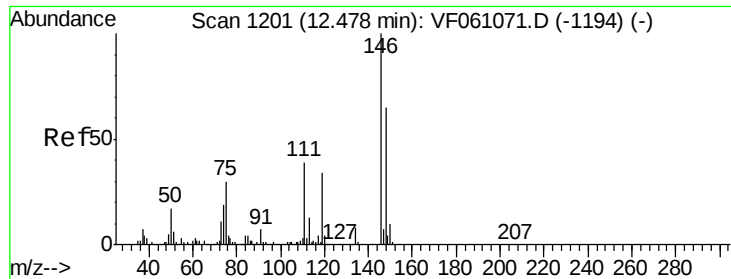
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#86
 p-Isopropyltoluene
 Concen: 50.105 ug/l
 RT: 12.45 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: VF061077.D
 Acq: 19 Dec 2018 11:05

Tgt Ion:119 Resp: 668288
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.7 12.2 36.6





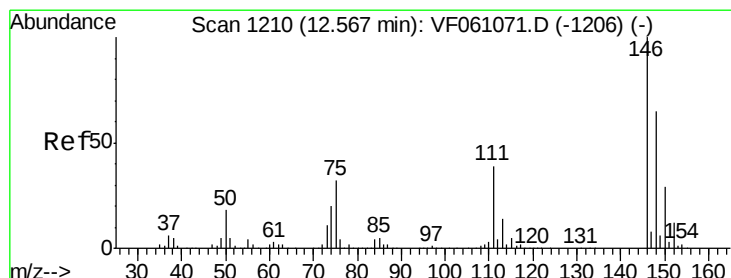
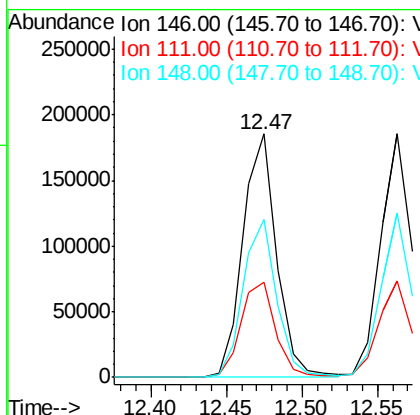
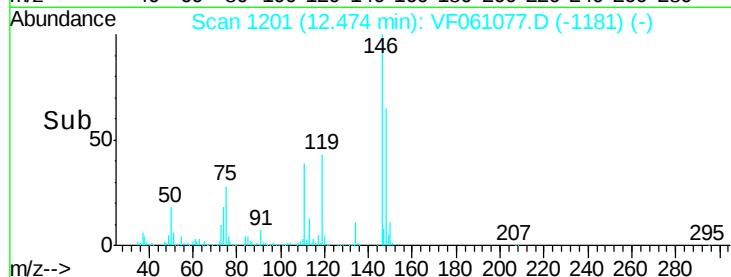
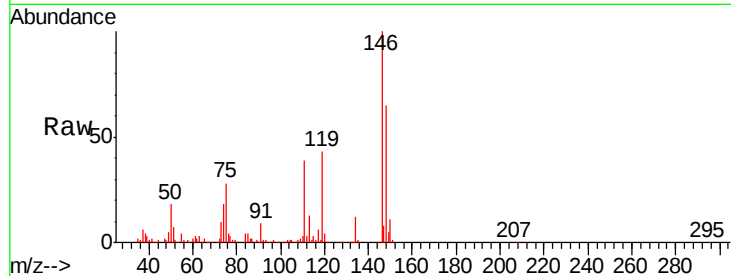
#87
 1,3-Dichlorobenzene
 Concen: 57.147 ug/l
 RT: 12.47 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: VF061077.D
 Acq: 19 Dec 2018 11:05

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.9
148	64.9	32.4	97.2

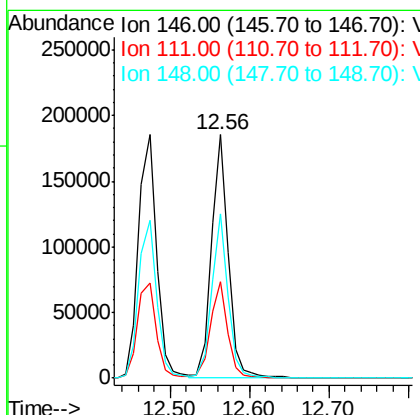
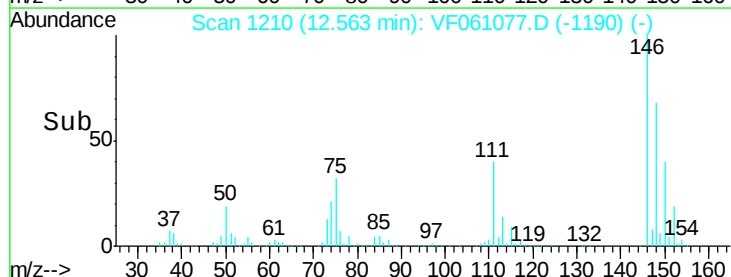
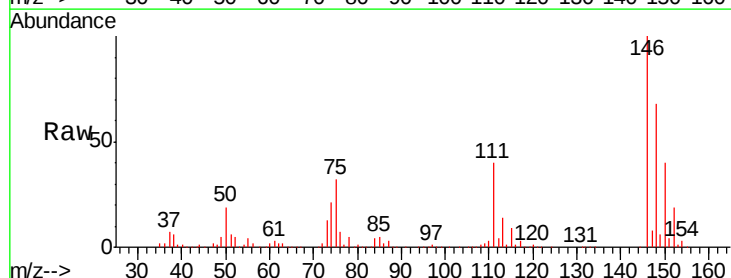
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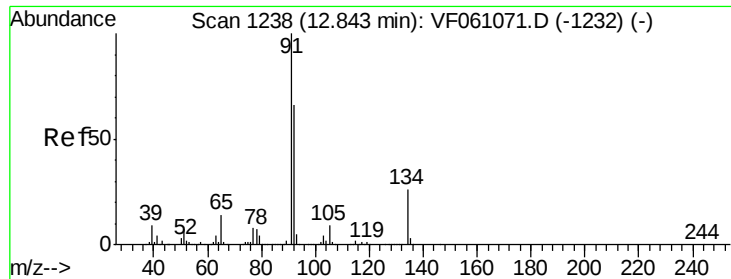
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#88
 1,4-Dichlorobenzene
 Concen: 48.129 ug/l
 RT: 12.56 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: VF061077.D
 Acq: 19 Dec 2018 11:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.4
148	67.7	32.4	97.0





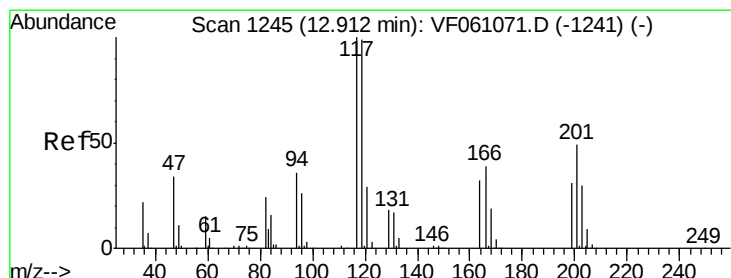
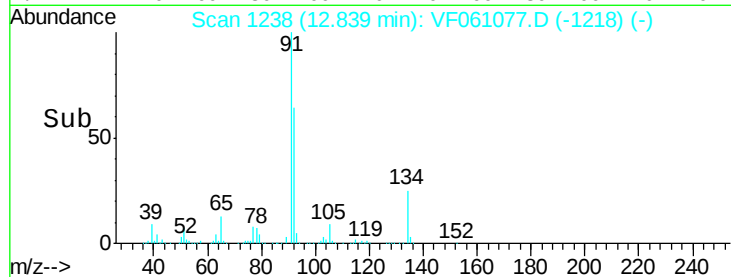
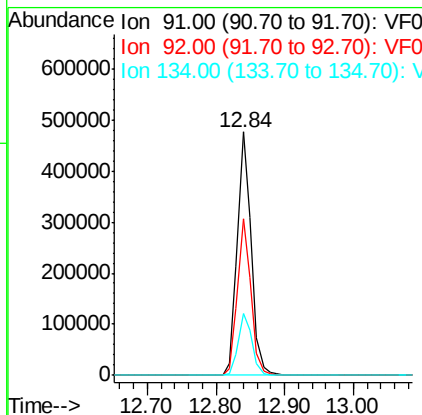
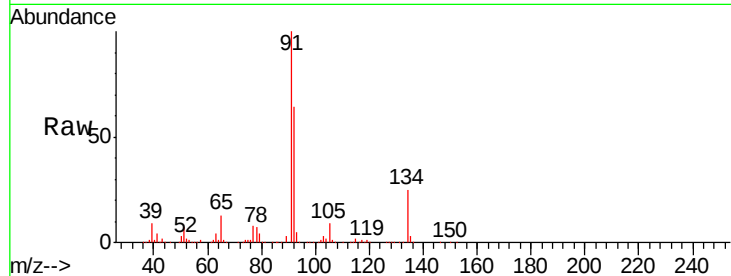
#89
n-Butylbenzene
Concen: 49.152 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	64.3	32.8	98.4
134	25.4	13.2	39.5

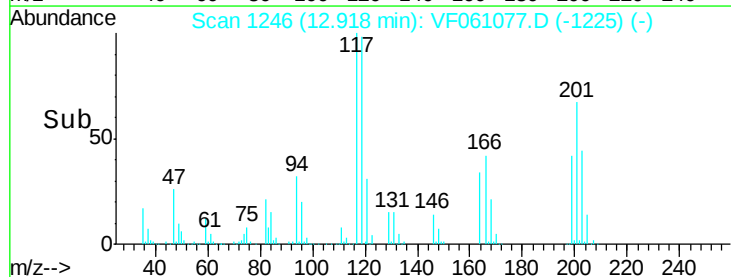
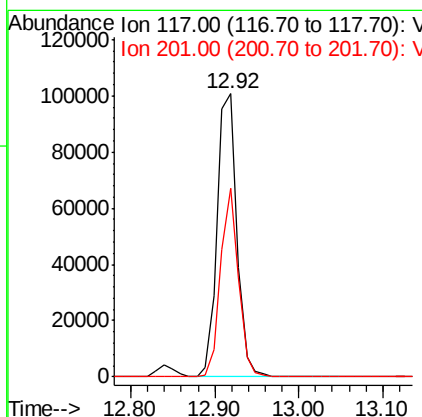
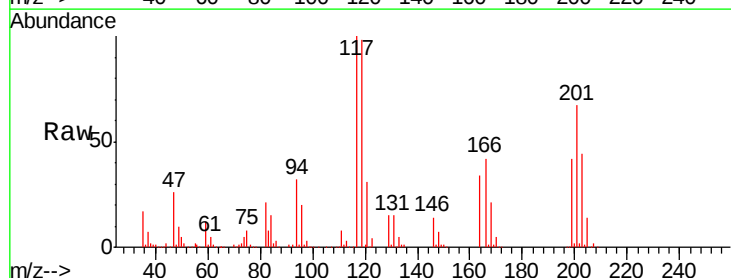
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#90
Hexachloroethane
Concen: 50.072 ug/l
RT: 12.92 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.6	24.9	74.8





#91

1,2-Dichlorobenzene

Concen: 49.135 ug/l

RT: 12.94 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Instrument :

MSVOA_F

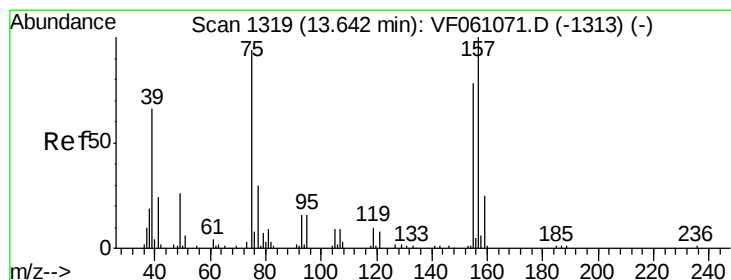
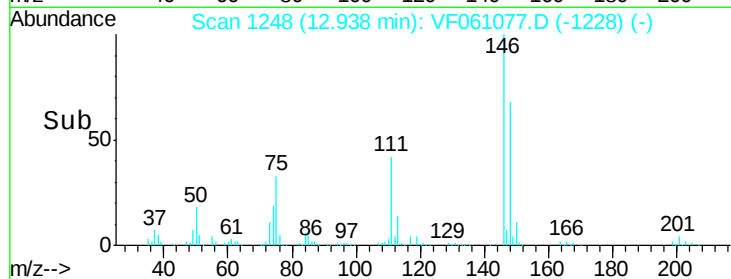
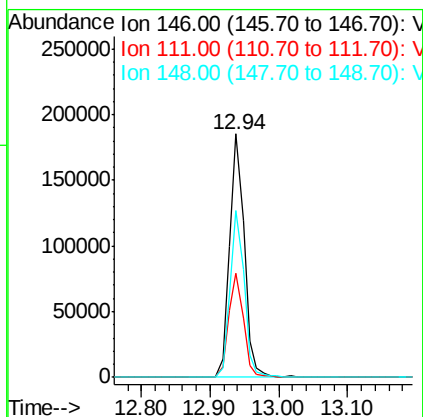
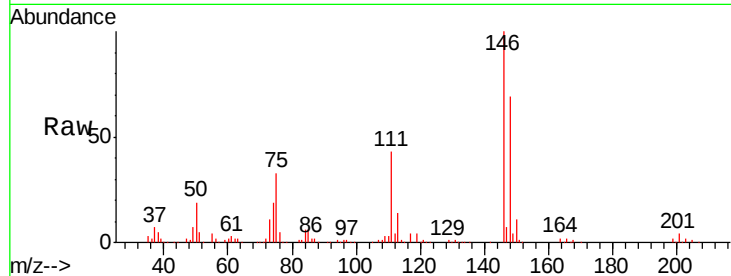
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	274780
Ion Ratio		Lower	Upper
146	100		
111	42.6	23.2	69.5
148	68.6	32.4	97.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.523 ug/l

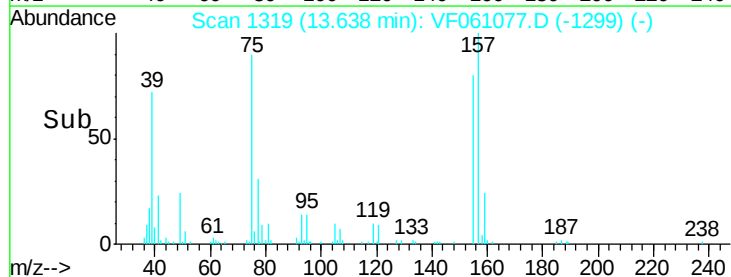
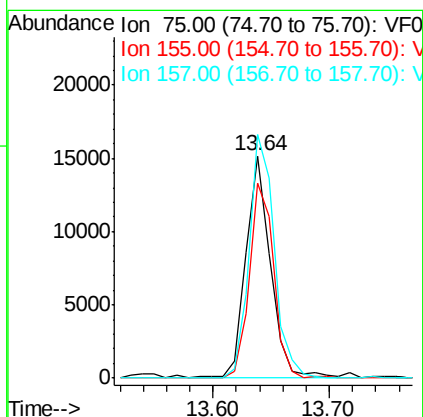
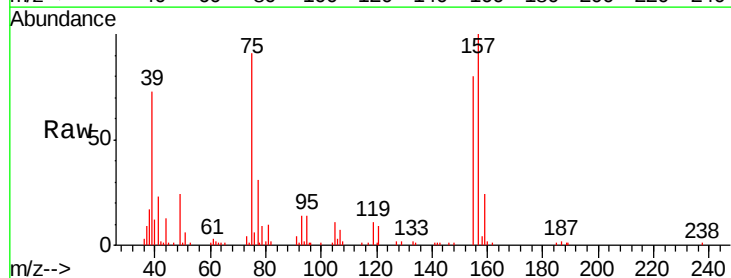
RT: 13.64 min Scan# 1319

Delta R.T. -0.00 min

Lab File: VF061077.D

Acq: 19 Dec 2018 11:05

Tgt Ion:	75	Resp:	22360
Ion Ratio		Lower	Upper
75	100		
155	87.5	41.5	124.5
157	109.6	53.2	159.6





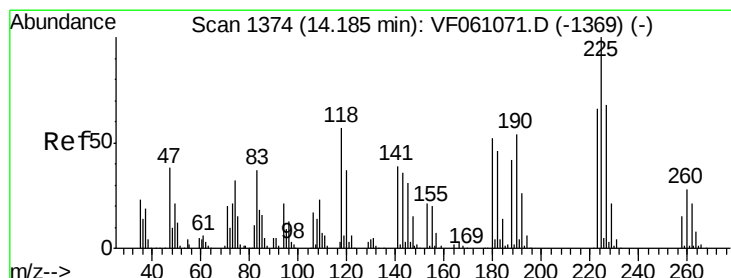
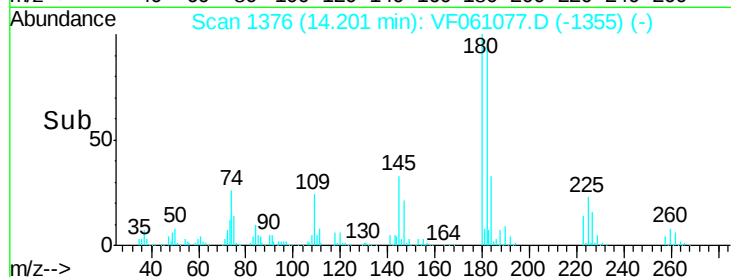
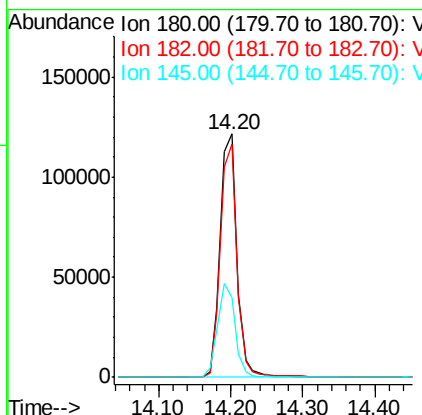
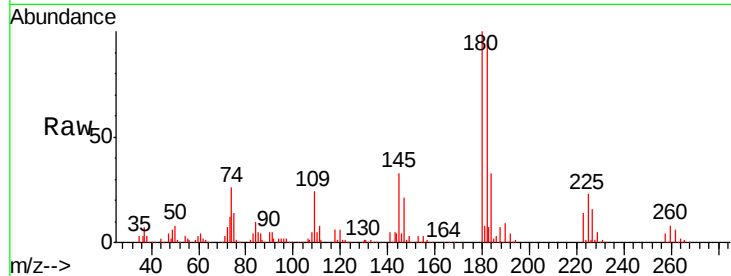
#93
1,2,4-Trichlorobenzene
Concen: 49.566 ug/l
RT: 14.20 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	196581		
182	95.9	46.9	140.6	
145	32.8	20.5	61.6	

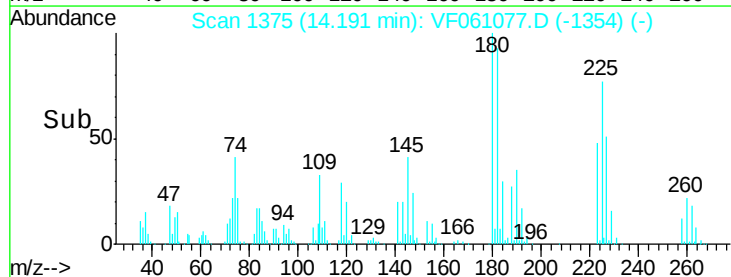
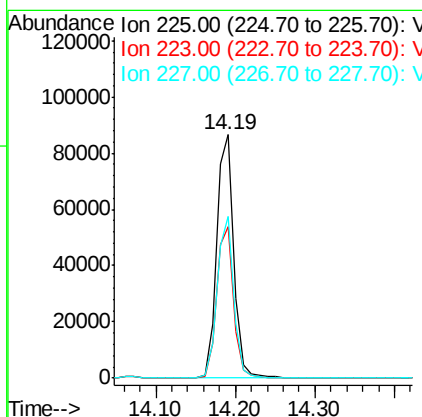
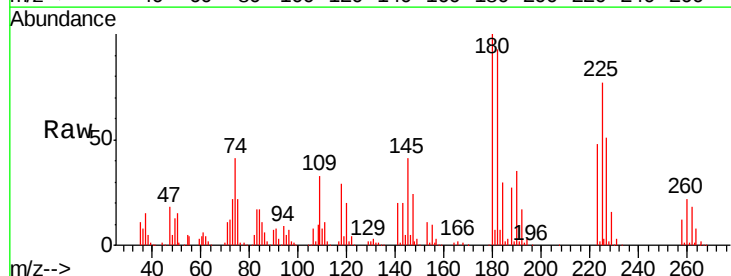
Manual Integrations
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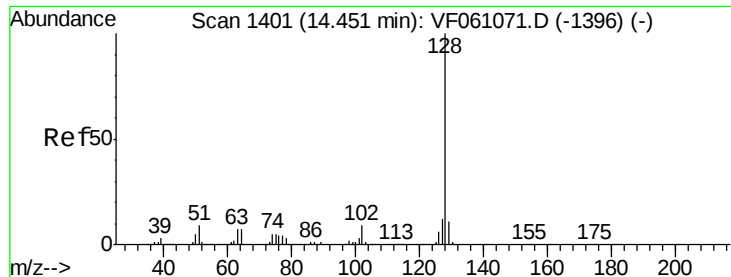
apatel
12/20/2018 10:29:16 AM



#94
Hexachlorobutadiene
Concen: 51.878 ug/l
RT: 14.19 min Scan# 1375
Delta R.T. 0.01 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	131044		
223	62.0	32.8	98.3	
227	66.2	34.0	101.8	





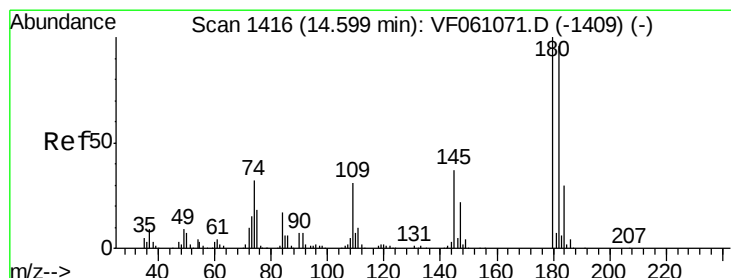
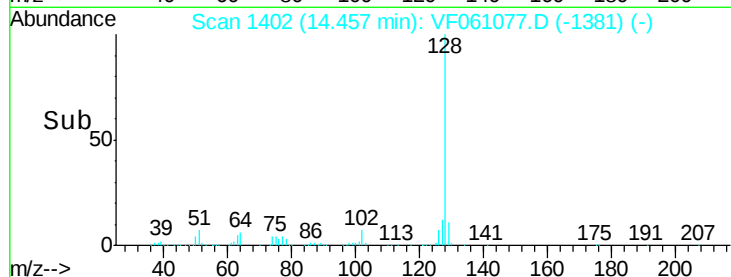
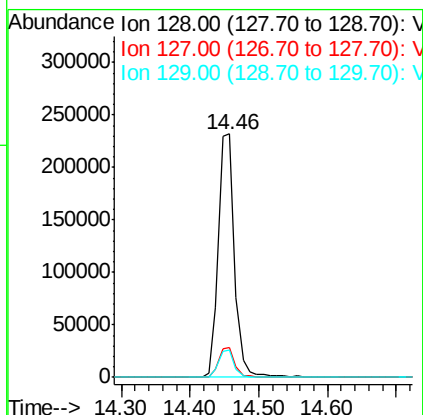
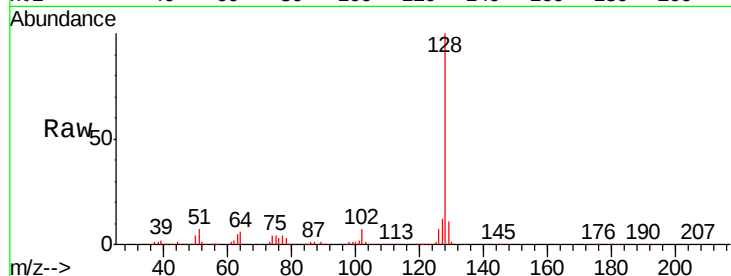
#95
Naphthalene
Concen: 53.016 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. 0.01 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	383949		
127	12.2		9.4	14.2
129	11.1		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.789 ug/l
RT: 14.60 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VF061077.D
Acq: 19 Dec 2018 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	186215		
182	101.3		47.9	143.8
145	37.4		18.6	55.8

