

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF090718\
 Data File : VF060206.D
 Acq On : 7 Sep 2018 11:26
 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
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 9/10/2018 12:23:16 PM

Quant Time: Sep 07 14:34:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 07 10:44:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	135913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	194110	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	199007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	131338	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.00	65	127869	53.85	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	107.70%	
35) Dibromofluoromethane	4.27	113	102091	53.68	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	107.36%	
50) Toluene-d8	7.70	98	257328	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
62) 4-Bromofluorobenzene	11.51	95	143353	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.95	85	109446	42.24	ug/l	93
3) Chloromethane	1.06	50	68320m	50.01	ug/l	
4) Vinyl Chloride	1.11	62	50706	48.16	ug/l	97
5) Bromomethane	1.30	94	40621	43.06	ug/l	96
6) Chloroethane	1.38	64	31019	46.00	ug/l	92
7) Trichlorofluoromethane	1.47	101	142629	48.57	ug/l	97
8) Diethyl Ether	1.69	74	21331	49.13	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	1.85	101	67782	47.21	ug/l	96
10) Methyl Iodide	1.92	142	58850	45.50	ug/l	89
11) Tert butyl alcohol	2.68	59	29611	262.53	ug/l	95
12) 1,1-Dichloroethene	1.82	96	44515	45.57	ug/l	95
13) Acrolein	2.07	56	15386m	316.63	ug/l	
14) Allyl chloride	2.17	41	70172	47.89	ug/l	94
15) Acrylonitrile	3.06	53	45924	254.41	ug/l	94
16) Acetone	2.32	43	160366	290.37	ug/l	98
17) Carbon Disulfide	1.83	76	139188	48.89	ug/l	97
18) Methyl Acetate	2.44	43	45457	56.66	ug/l	99
19) Methyl tert-butyl Ether	2.52	73	168680	52.19	ug/l	98
20) Methylene Chloride	2.26	84	51503	43.17	ug/l	89
21) trans-1,2-Dichloroethene	2.40	96	48971	48.99	ug/l	87
22) Diisopropyl ether	2.90	45	185260	50.46	ug/l	98
23) Vinyl Acetate	3.32	43	415226	266.47	ug/l	100
24) 1,1-Dichloroethane	2.98	63	116306	48.70	ug/l	99
25) 2-Butanone	4.49	43	185848	278.49	ug/l	98
26) 2,2-Dichloropropane	3.74	77	161326	48.71	ug/l	99
27) cis-1,2-Dichloroethene	3.62	96	64852	49.71	ug/l	93
28) Bromochloromethane	3.88	49	41357	50.85	ug/l #	91
29) Tetrahydrofuran	4.23	42	66167	299.92	ug/l	99
30) Chloroform	4.02	83	166374	47.55	ug/l	97
31) Cyclohexane	3.84	56	78303	47.93	ug/l	96
32) 1,1,1-Trichloroethane	4.26	97	164491	47.19	ug/l	95
36) 1,1-Dichloropropene	4.44	75	109067	47.74	ug/l	99
37) Ethyl Acetate	4.26	43	64683	56.43	ug/l #	45
38) Carbon Tetrachloride	4.15	117	149554	47.61	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.61	83	91861	48.00	ug/l	98
40) Benzene	4.79	78	206199	50.66	ug/l	99
41) Methacrylonitrile	4.90	41	31353	52.76	ug/l	95
42) 1,2-Dichloroethane	5.10	62	144024	48.96	ug/l	99
43) Isopropyl Acetate	7.10	43	72044	54.21	ug/l	98
44) Trichloroethene	5.66	130	79319	48.11	ug/l	99
45) 1,2-Dichloropropane	6.39	63	58337	50.42	ug/l	88
46) Dibromomethane	6.24	93	52461	51.50	ug/l	94
47) Bromodichloromethane	6.54	83	133079	48.13	ug/l	100
48) Methyl methacrylate	6.86	41	56482	53.51	ug/l	94
49) 1,4-Dioxane	6.89	88	8050	518.98	ug/l #	71
51) 4-Methyl-2-Pentanone	8.39	43	329436	279.02	ug/l	97
52) Toluene	7.77	92	149133	47.31	ug/l	98
53) t-1,3-Dichloropropene	8.42	75	122318	52.65	ug/l	100
54) cis-1,3-Dichloropropene	7.45	75	124288	51.53	ug/l	95
55) 1,1,2-Trichloroethane	8.63	97	60568	52.24	ug/l	96
56) Ethyl methacrylate	8.75	69	75085	56.65	ug/l	97
57) 1,3-Dichloropropane	8.99	76	107819	52.30	ug/l	92
58) 2-Chloroethyl Vinyl ether	7.77	63	34893	244.79	ug/l	100
59) 2-Hexanone	9.62	43	264113	299.32	ug/l	98
60) Dibromochloromethane	8.86	129	96762	50.39	ug/l	93
61) 1,2-Dibromoethane	9.13	107	71740	51.59	ug/l	89
64) Tetrachloroethene	8.29	164	104902	51.59	ug/l	95
65) Chlorobenzene	9.93	112	206131	50.04	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.07	131	89042	48.77	ug/l	95
67) Ethyl Benzene	10.03	91	383070	49.85	ug/l	99
68) m/p-Xylenes	10.27	106	259592	100.68	ug/l	92
69) o-Xylene	10.83	106	136459	49.61	ug/l	92
70) Styrene	10.90	104	212069	50.87	ug/l	98
71) Bromoform	10.89	173	55254	52.42	ug/l #	94
73) Isopropylbenzene	11.22	105	448010	49.45	ug/l	99
74) N-amyl acetate	11.46	43	102759	56.30	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.78	83	76308	56.01	ug/l	90
76) 1,2,3-Trichloropropane	11.88	75	73501	50.91	ug/l	89
77) Bromobenzene	11.59	156	111200	46.87	ug/l	78
78) n-propylbenzene	11.68	91	522511	48.13	ug/l	94
79) 2-Chlorotoluene	11.81	91	308684	47.07	ug/l	97
80) 1,3,5-Trimethylbenzene	11.91	105	384225	48.04	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.95	75	13310m	40.01	ug/l	
82) 4-Chlorotoluene	11.98	91	339955	46.71	ug/l	99
83) tert-Butylbenzene	12.21	119	368271	50.53	ug/l	100
84) 1,2,4-Trimethylbenzene	12.29	105	401811	49.46	ug/l	97
85) sec-Butylbenzene	12.38	105	495180	49.26	ug/l	98
86) p-Isopropyltoluene	12.53	119	451090	50.53	ug/l	98
87) 1,3-Dichlorobenzene	12.55	146	211438	48.77	ug/l	94
88) 1,4-Dichlorobenzene	12.64	146	215688	50.27	ug/l	98
89) n-Butylbenzene	12.92	91	420084	48.66	ug/l	97
90) Hexachloroethane	13.00	117	84695	46.80	ug/l	86
91) 1,2-Dichlorobenzene	13.02	146	204569	49.70	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.71	75	19476	56.02	ug/l	82

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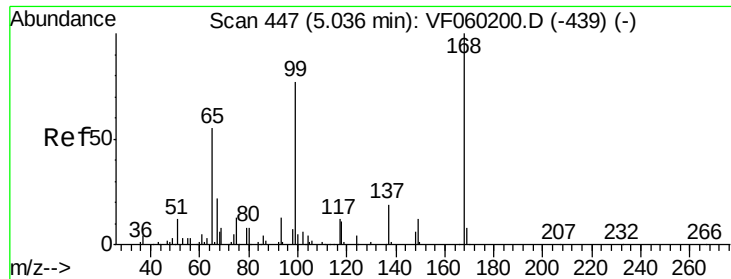
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	158523	49.83	ug/l	96
94) Hexachlorobutadiene	14.25	225	109945	48.49	ug/l	98
95) Naphthalene	14.52	128	235156	47.49	ug/l	98
96) 1,2,3-Trichlorobenzene	14.66	180	154276	51.67	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 135913

Ion Ratio Lower Upper

168 100

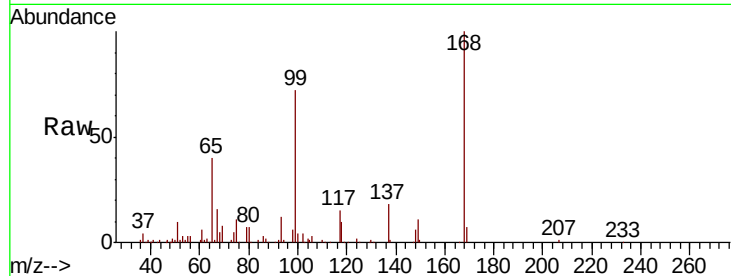
99 71.8 61.8 92.6

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

40000

30000

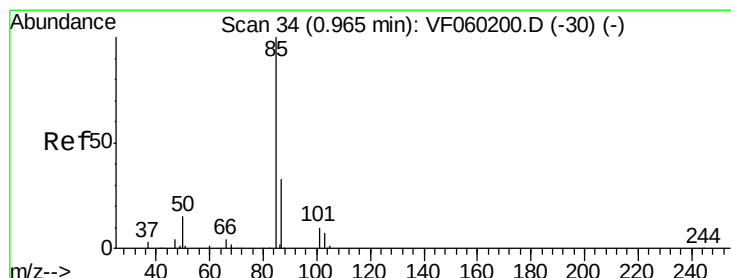
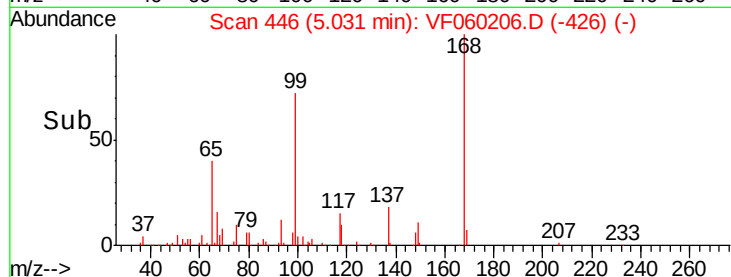
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#2

Dichlorodifluoromethane

Concen: 42.24 ug/l

RT: 0.95 min Scan# 32

Delta R.T. -0.02 min

Lab File: VF060206.D

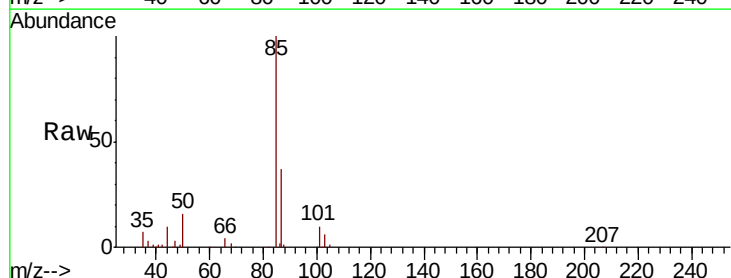
Acq: 7 Sep 2018 11:26

Tgt Ion: 85 Resp: 109446

Ion Ratio Lower Upper

85 100

87 36.5 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.95

60000

50000

40000

30000

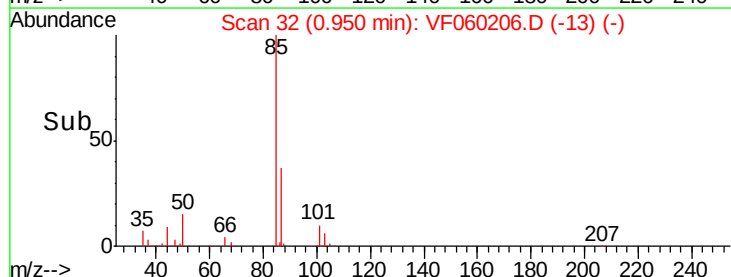
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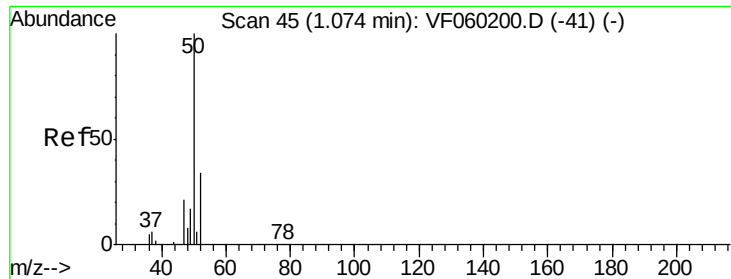
10000

0

0.90 1.00 1.10 1.20

Time-->





#3

Chloromethane

Concen: 50.01 ug/l m

RT: 1.06 min Scan# 43

Delta R.T. -0.02 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 68320

Ion Ratio Lower Upper

50 100

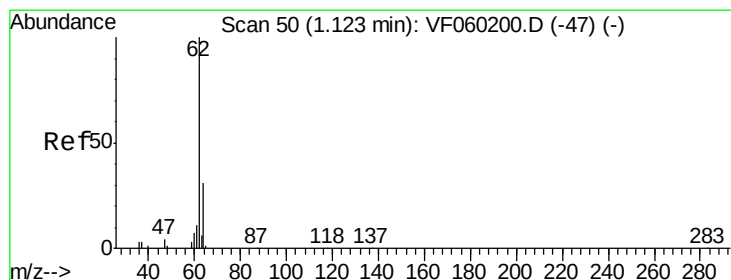
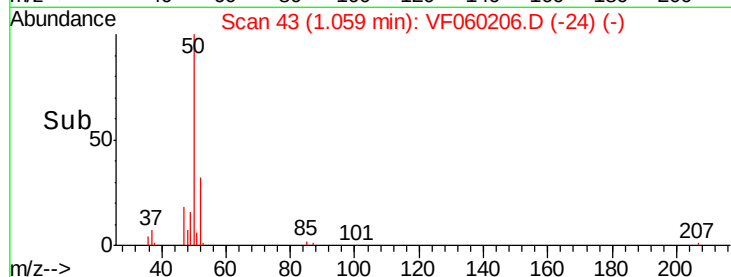
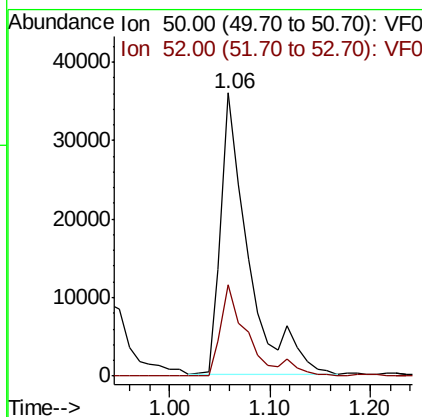
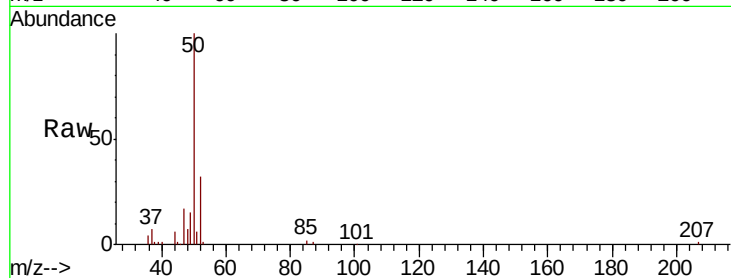
52 32.3 26.9 40.3

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#4

Vinyl Chloride

Concen: 48.16 ug/l

RT: 1.11 min Scan# 48

Delta R.T. -0.02 min

Lab File: VF060206.D

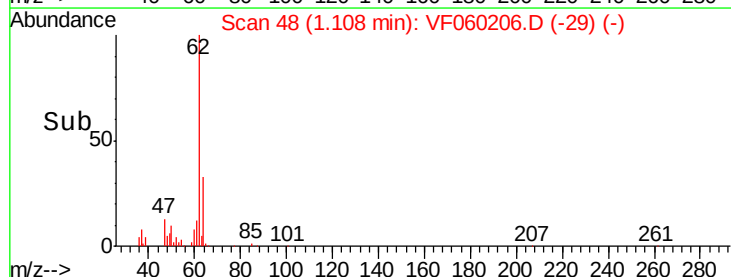
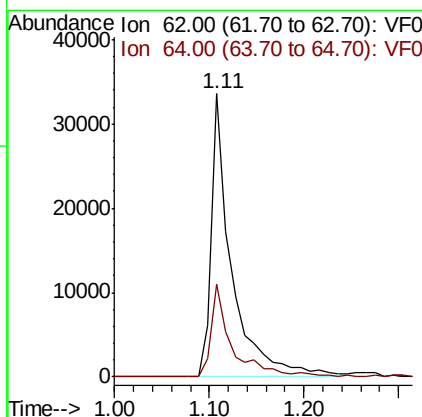
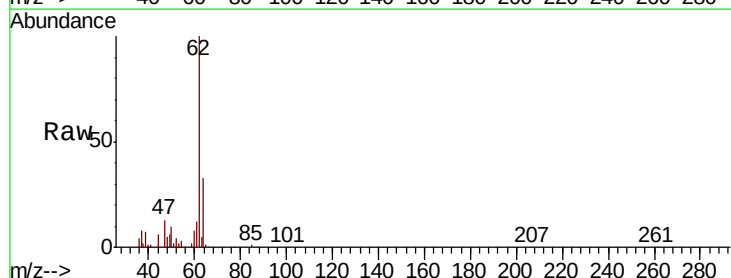
Acq: 7 Sep 2018 11:26

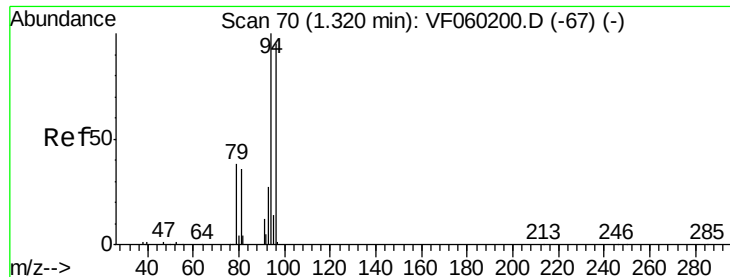
Tgt Ion: 62 Resp: 50706

Ion Ratio Lower Upper

62 100

64 32.8 24.8 37.2





#5

Bromomethane

Concen: 43.06 ug/l

RT: 1.30 min Scan# 68

Delta R.T. -0.02 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 40621

Ion Ratio Lower Upper

94 100

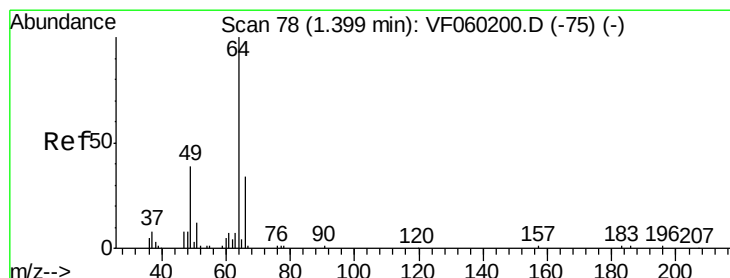
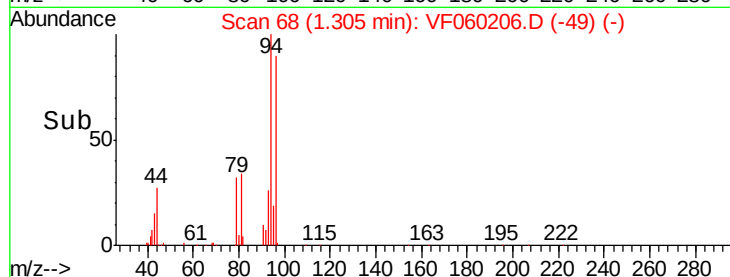
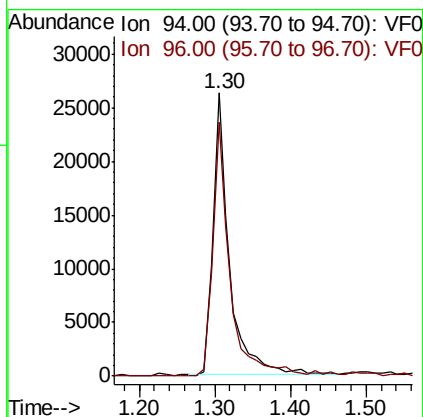
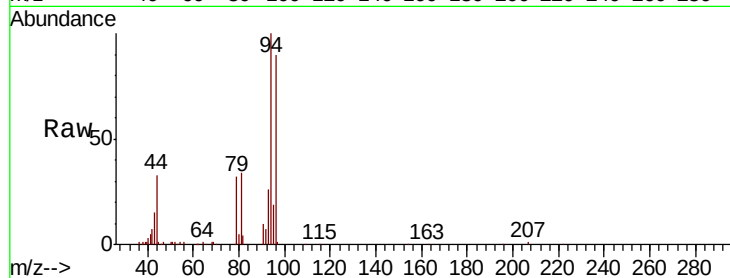
96 90.7 75.8 113.6

Manual Integrations

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#6

Chloroethane

Concen: 46.00 ug/l

RT: 1.38 min Scan# 76

Delta R.T. -0.02 min

Lab File: VF060206.D

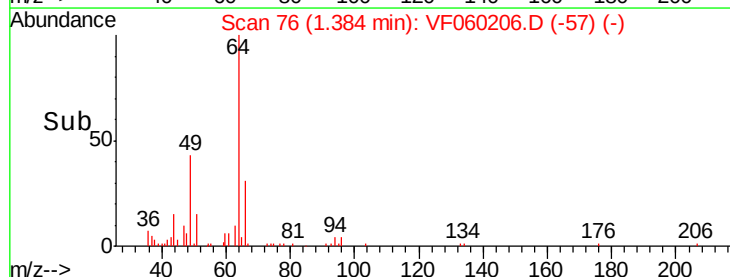
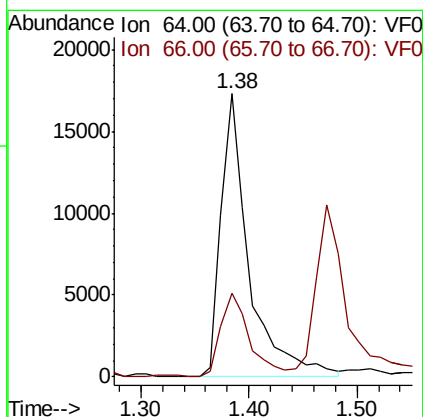
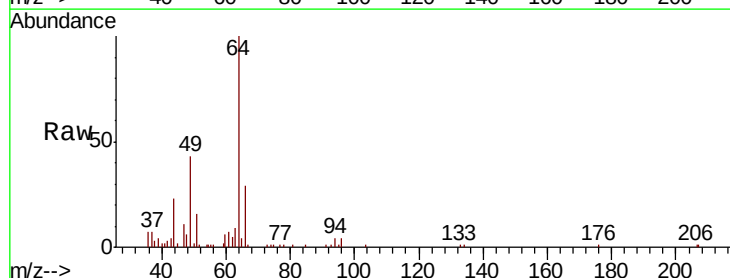
Acq: 7 Sep 2018 11:26

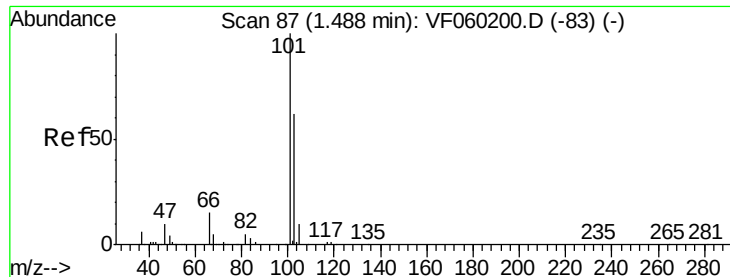
Tgt Ion: 64 Resp: 31019

Ion Ratio Lower Upper

64 100

66 29.5 27.1 40.7





#7

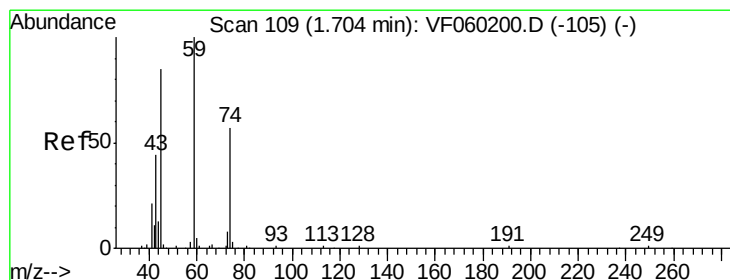
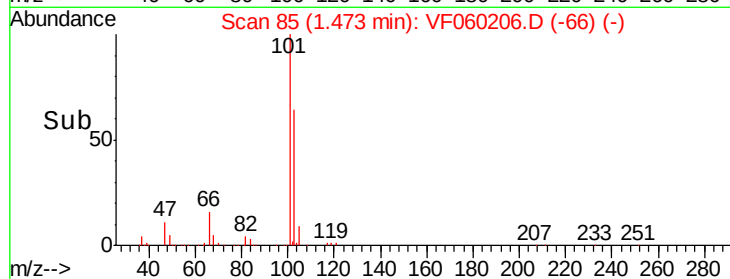
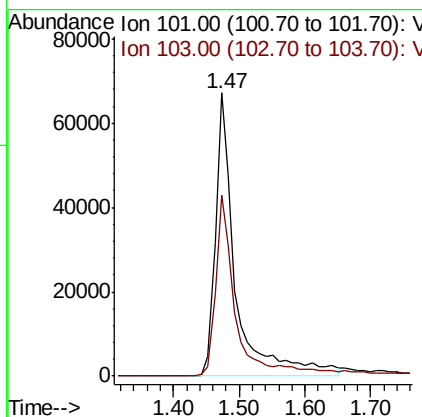
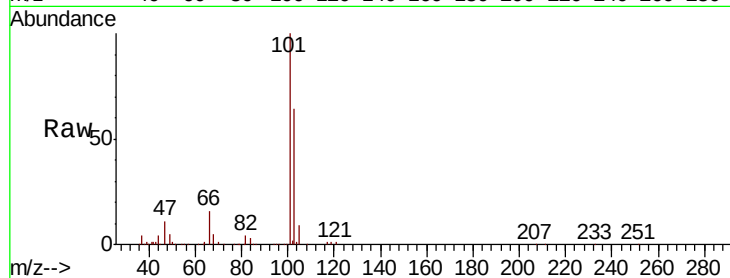
Trichlorofluoromethane
Concen: 48.57 ug/l
RT: 1.47 min Scan# 85
Delta R.T. -0.02 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	49.5	74.3

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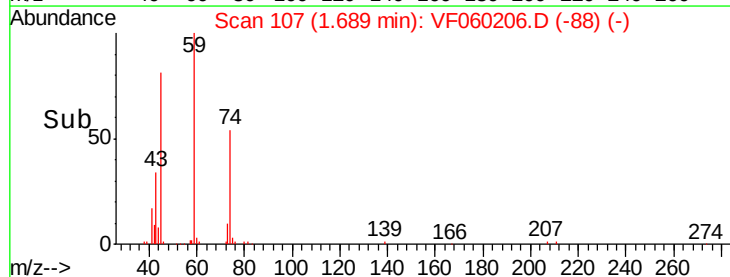
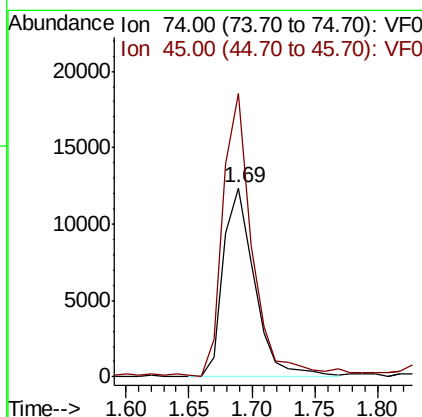
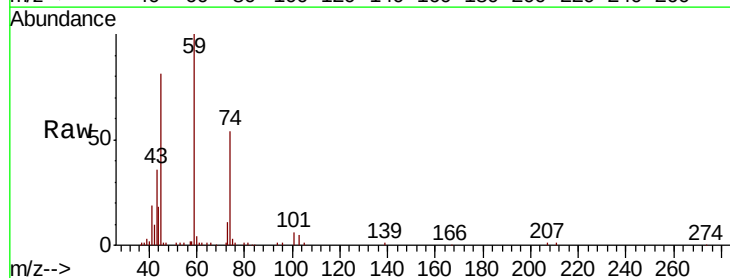
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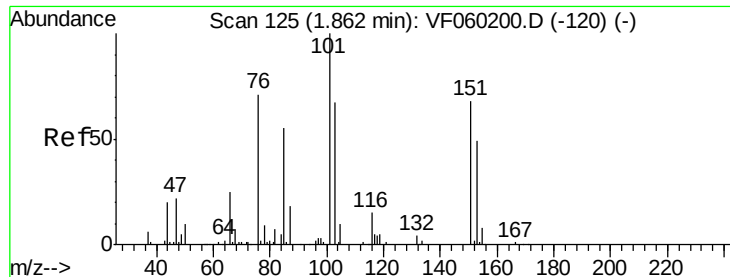


#8

Diethyl Ether
Concen: 49.13 ug/l
RT: 1.69 min Scan# 107
Delta R.T. -0.02 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	149.6	75.3	225.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.21 ug/l

RT: 1.85 min Scan# 123

Delta R.T. -0.02 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

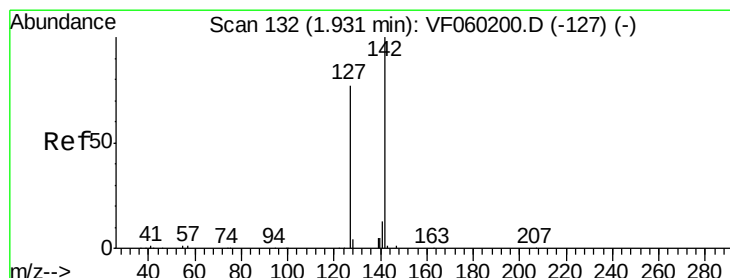
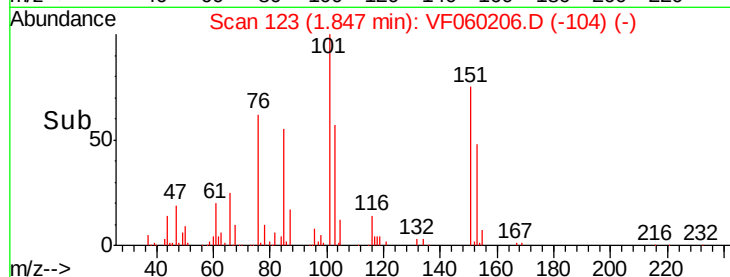
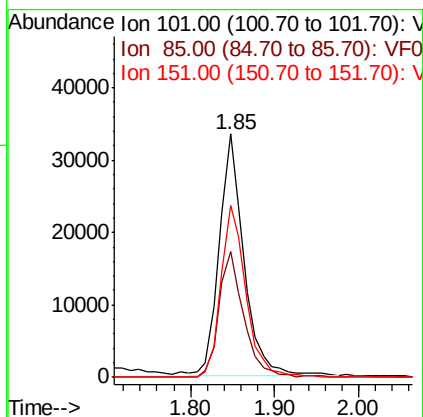
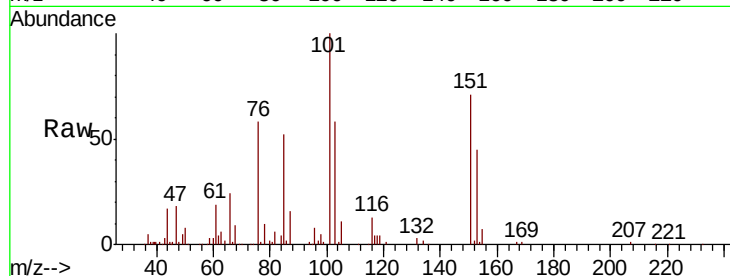
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	67782
Ion Ratio	Lower	Upper	
101	100		
85	51.9	43.0	64.4
151	70.8	53.6	80.4

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#10

Methyl Iodide

Concen: 45.50 ug/l

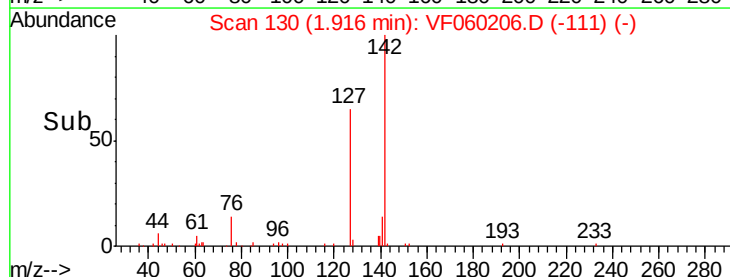
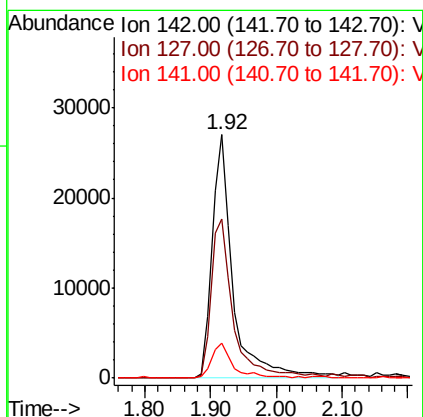
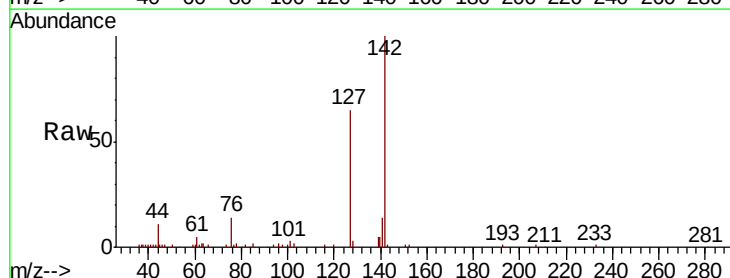
RT: 1.92 min Scan# 130

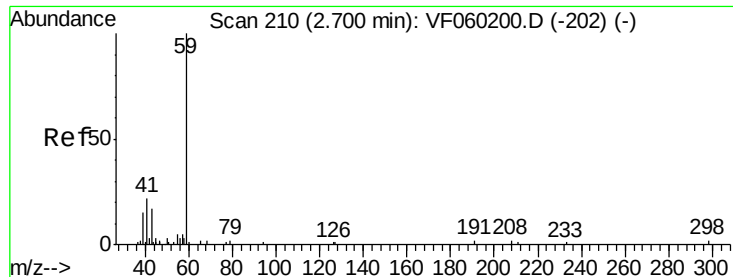
Delta R.T. -0.02 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Tgt Ion:	142	Resp:	58850
Ion Ratio	Lower	Upper	
142	100		
127	65.4	61.1	91.7
141	14.2	10.6	15.8





#11

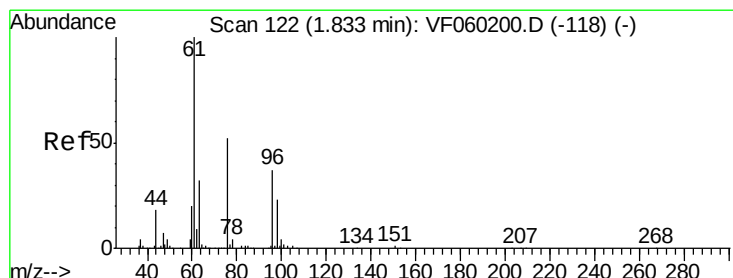
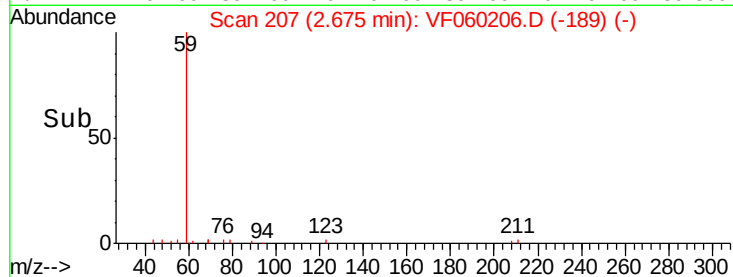
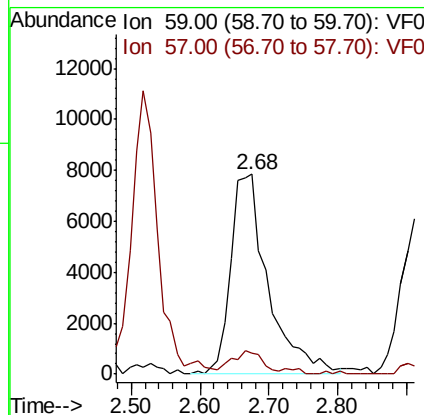
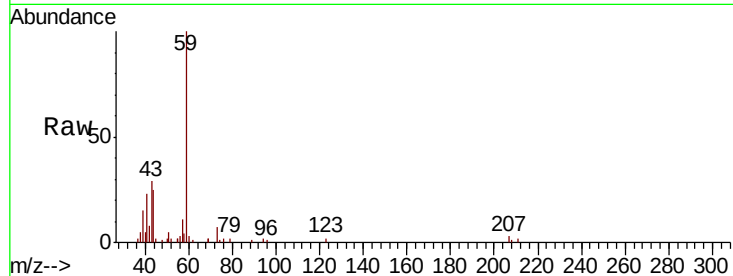
Tert butyl alcohol
 Concen: 262.53 ug/l
 RT: 2.68 min Scan# 207
 Delta R.T. -0.02 min
 Lab File: VF060206.D
 Acq: 7 Sep 2018 11:26

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	29611
Ion Ratio	Lower	Upper	
59	100		
57	10.7	7.2	10.8

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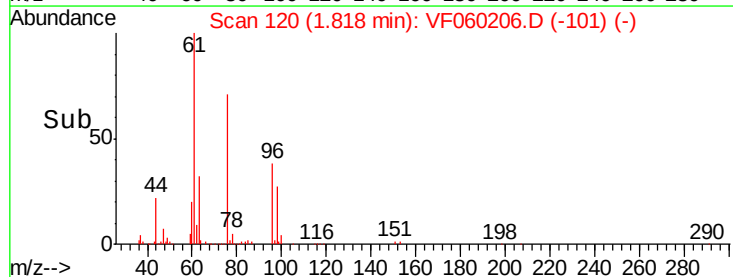
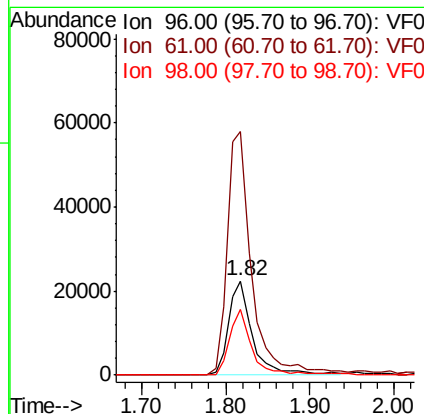
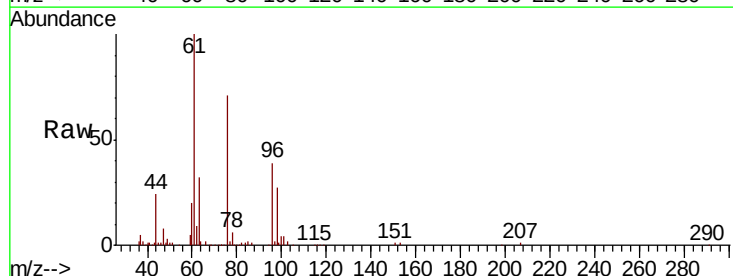
apatel
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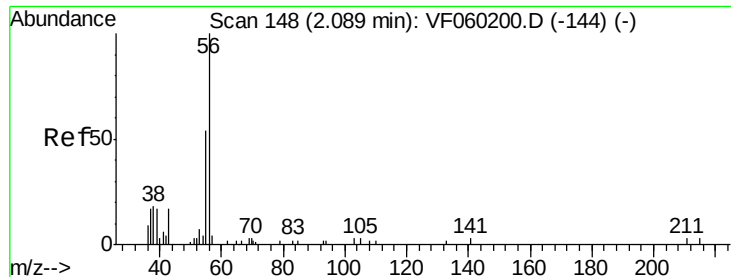


#12

1,1-Dichloroethene
 Concen: 45.57 ug/l
 RT: 1.82 min Scan# 120
 Delta R.T. -0.02 min
 Lab File: VF060206.D
 Acq: 7 Sep 2018 11:26

Tgt Ion	96	Resp	44515
Ion Ratio	Lower	Upper	
96	100		
61	259.4	214.6	321.8
98	69.4	50.7	76.1





#13

Acrolein

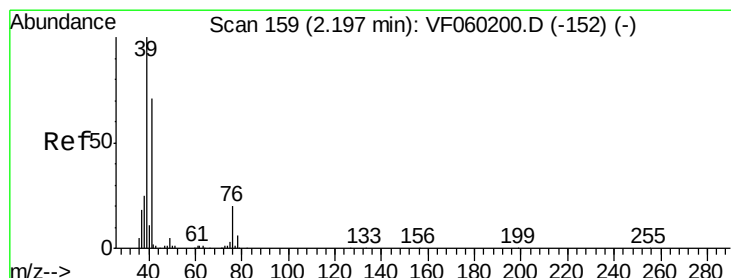
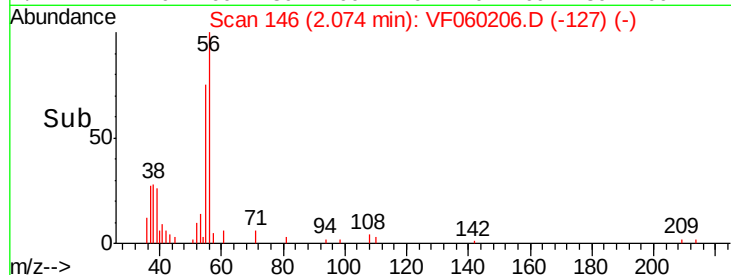
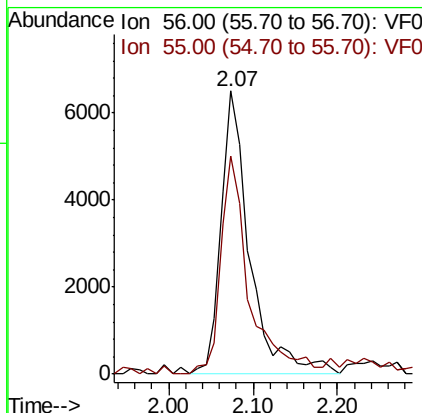
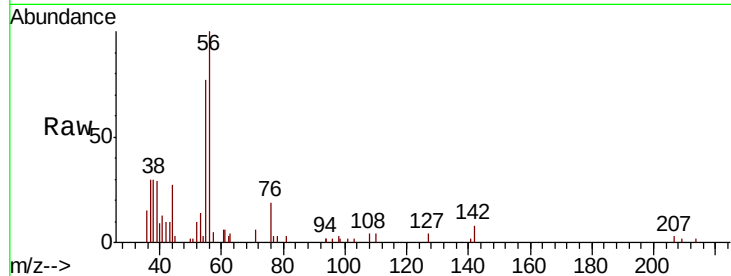
Concen: 316.63 ug/l m
RT: 2.07 min Scan# 146
Delta R.T. -0.01 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 15386
Ion Ratio Lower Upper
56 100
55 77.0 45.1 67.7#

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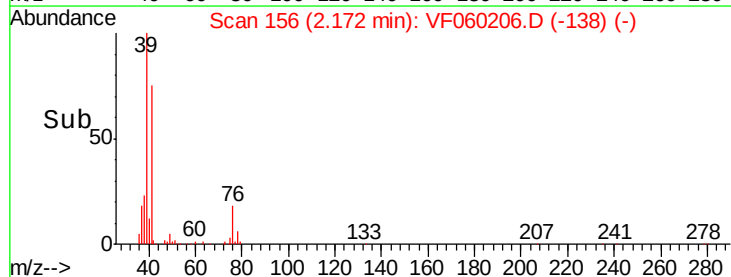
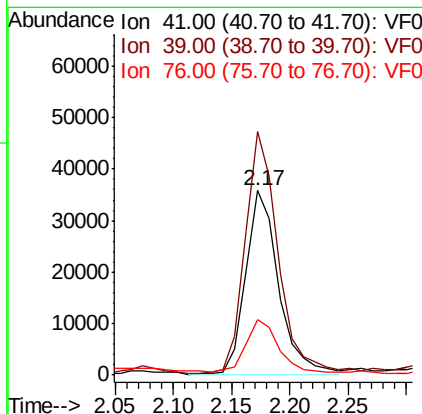
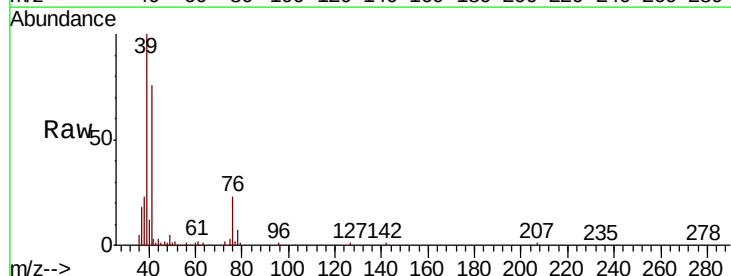


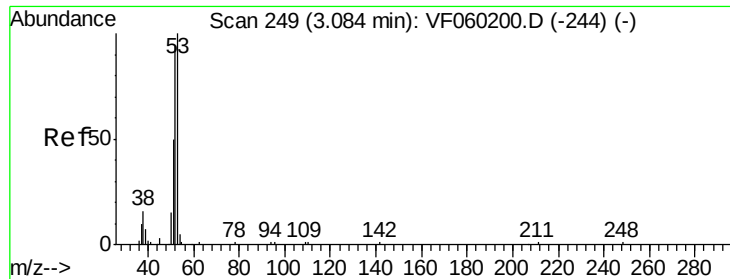
#14

Allyl chloride

Concen: 47.89 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion: 41 Resp: 70172
Ion Ratio Lower Upper
41 100
39 132.1 112.2 168.2
76 30.2 23.2 34.8





#15

Acrylonitrile

Concen: 254.41 ug/l

RT: 3.06 min Scan# 246

Delta R.T. -0.02 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

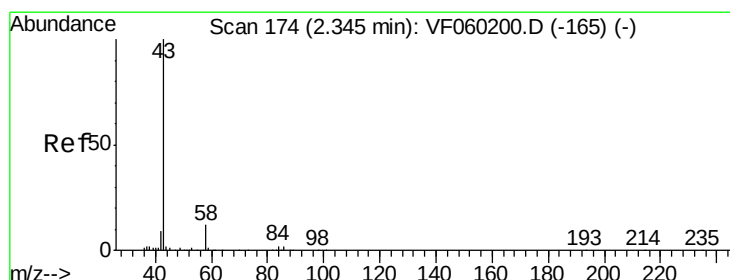
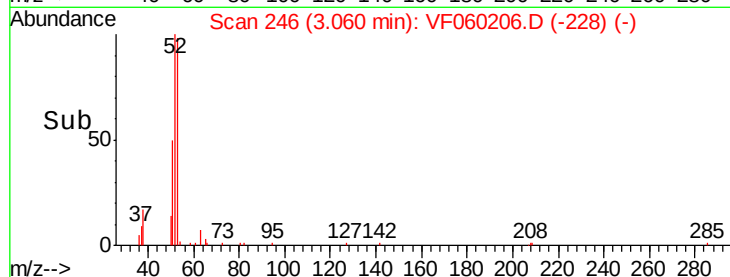
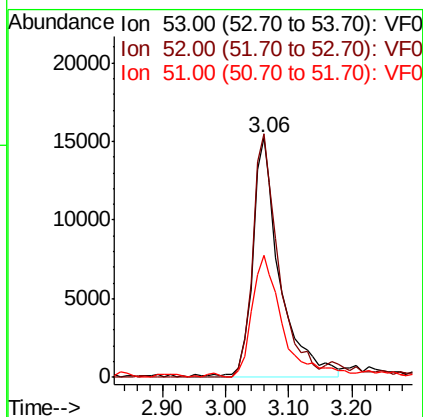
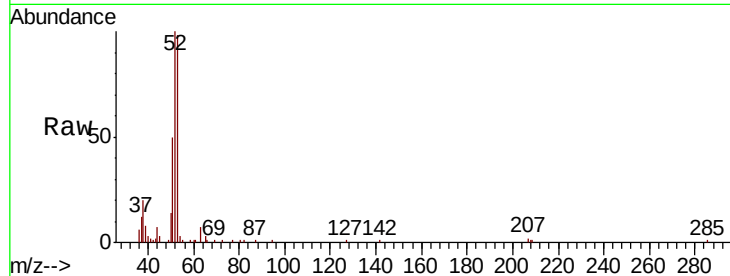
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	45924
Ion	Ratio	Lower	Upper
53	100		
52	101.7	75.0	112.6
51	50.9	39.9	59.9

Manual Integrations
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#16

Acetone

Concen: 290.37 ug/l

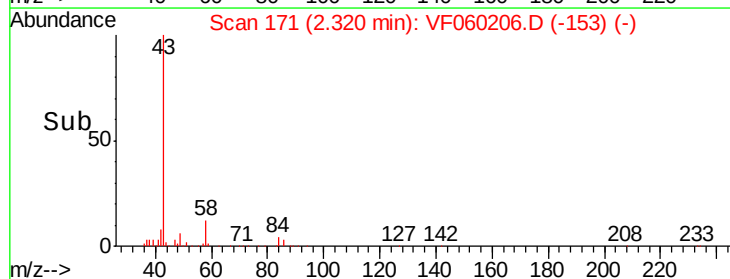
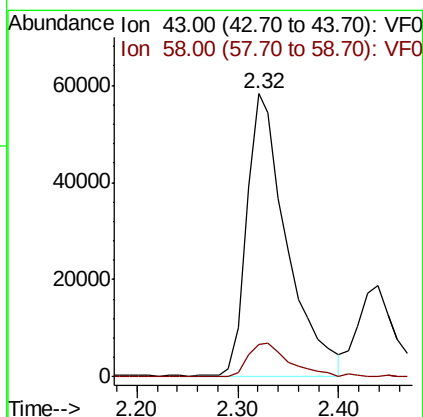
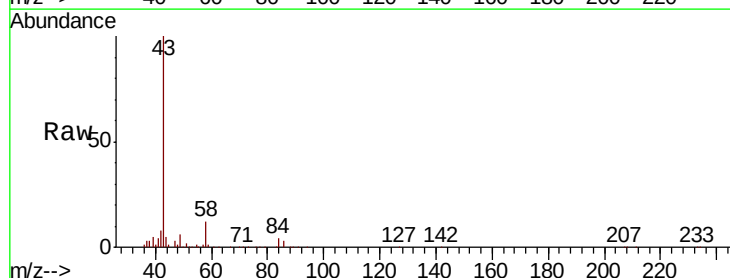
RT: 2.32 min Scan# 171

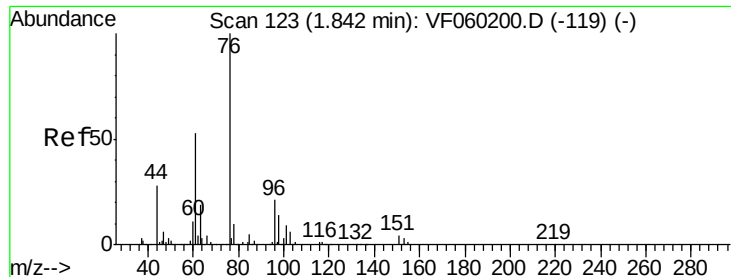
Delta R.T. -0.02 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Tgt Ion:	43	Resp:	160366
Ion	Ratio	Lower	Upper
43	100		
58	11.5	9.7	14.5





#17

Carbon Disulfide

Concen: 48.89 ug/l

RT: 1.83 min Scan# 121

Delta R.T. -0.02 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 139188

Ion Ratio Lower Upper

76 100

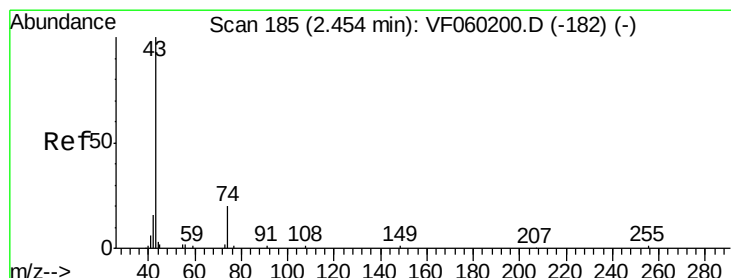
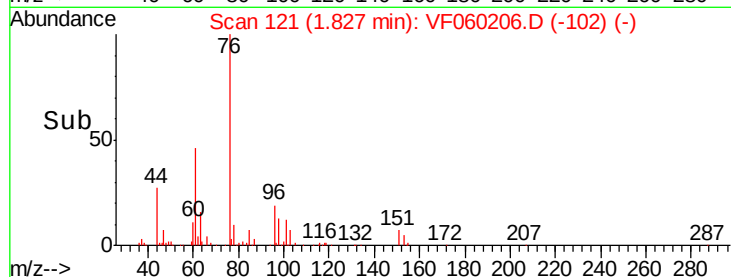
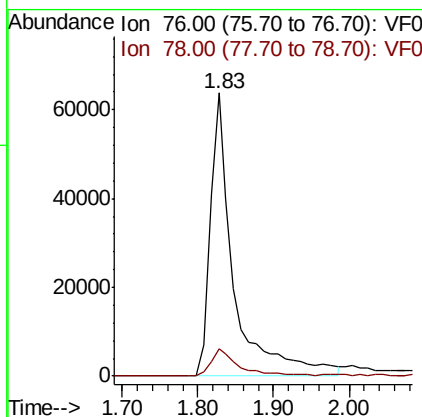
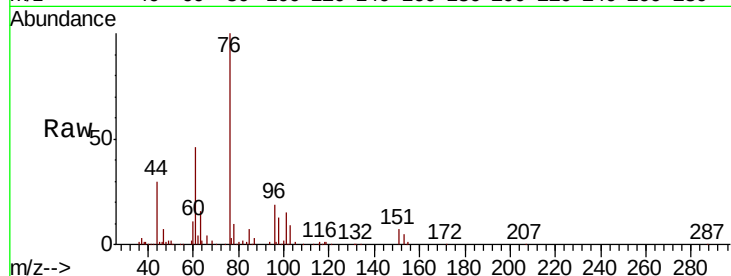
78 9.6 8.5 12.7

Manual Integrations

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#18

Methyl Acetate

Concen: 56.66 ug/l

RT: 2.44 min Scan# 183

Delta R.T. -0.02 min

Lab File: VF060206.D

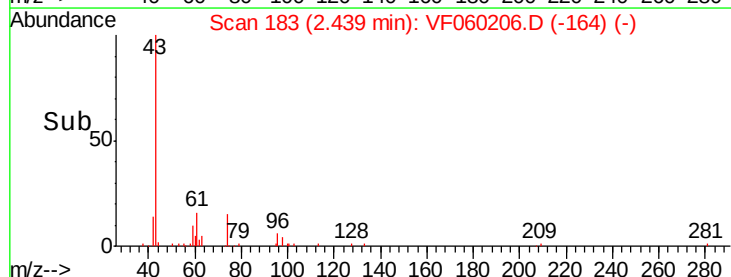
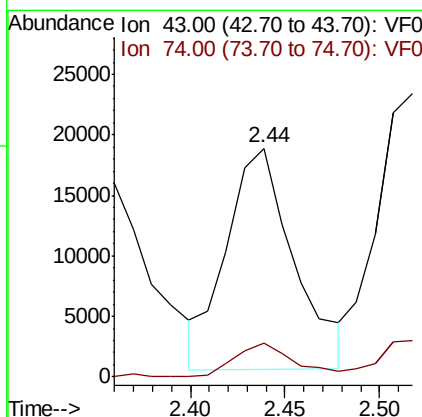
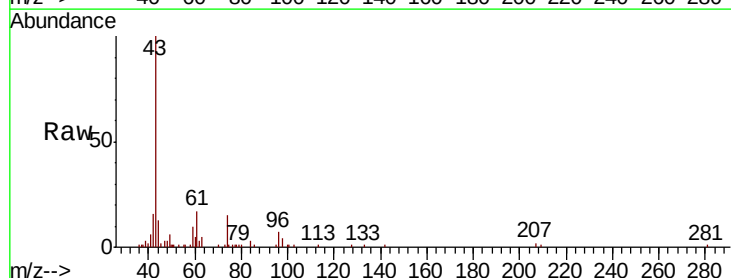
Acq: 7 Sep 2018 11:26

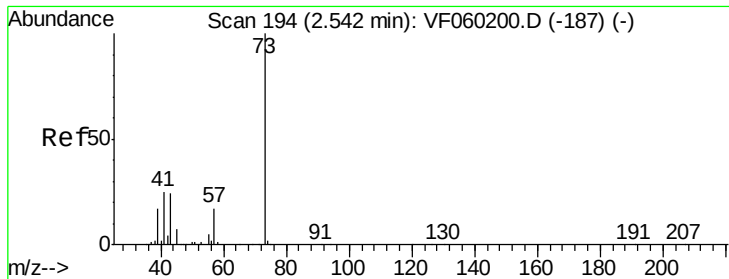
Tgt Ion: 43 Resp: 45457

Ion Ratio Lower Upper

43 100

74 14.6 11.9 17.9





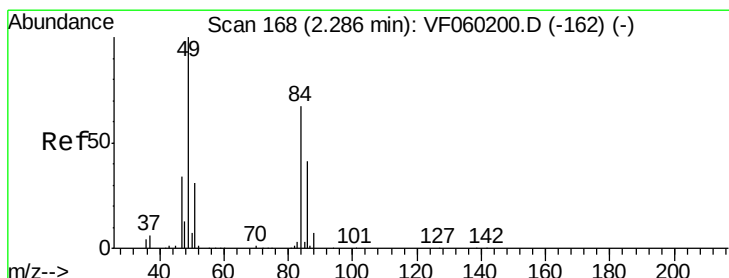
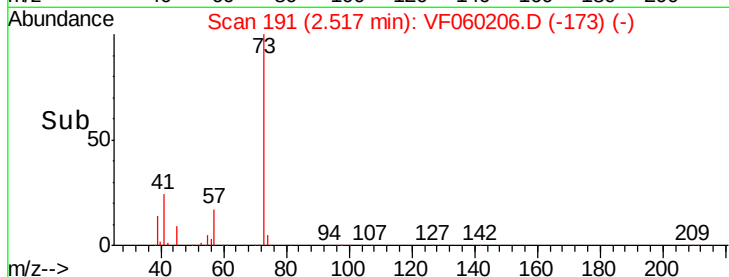
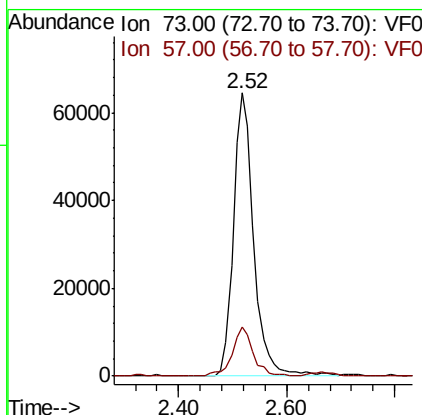
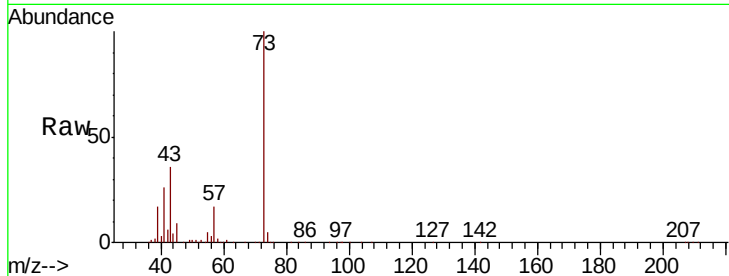
#19
Methyl tert-butyl Ether
Concen: 52.19 ug/l
RT: 2.52 min Scan# 191
Delta R.T. -0.02 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	17.2	14.3	21.5

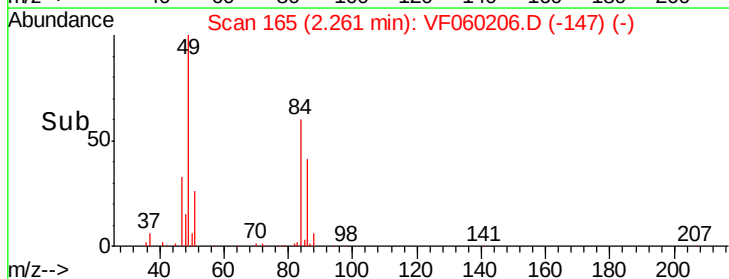
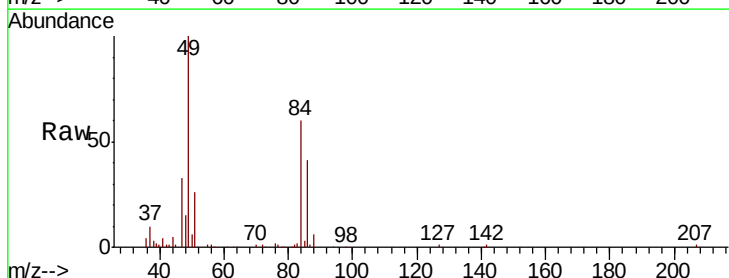
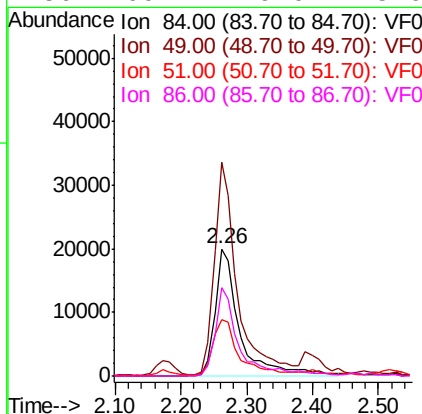
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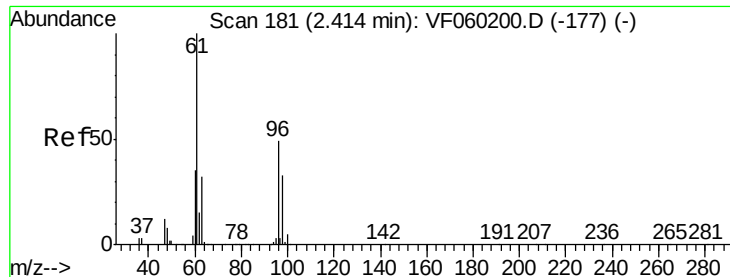
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#20
Methylene Chloride
Concen: 43.17 ug/l
RT: 2.26 min Scan# 165
Delta R.T. -0.02 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	167.9	120.1	180.1
51	44.2	37.0	55.6
86	69.4	49.0	73.6





#21

trans-1,2-Dichloroethene

Concen: 48.99 ug/l

RT: 2.40 min Scan# 179

Delta R.T. -0.02 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

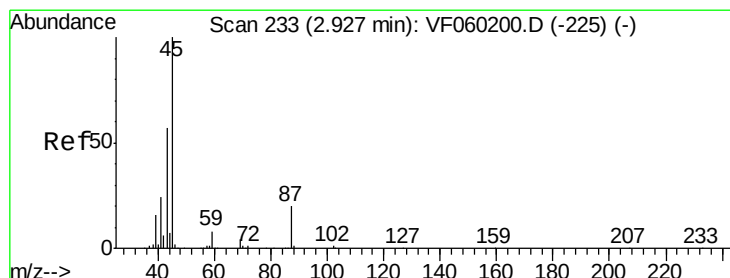
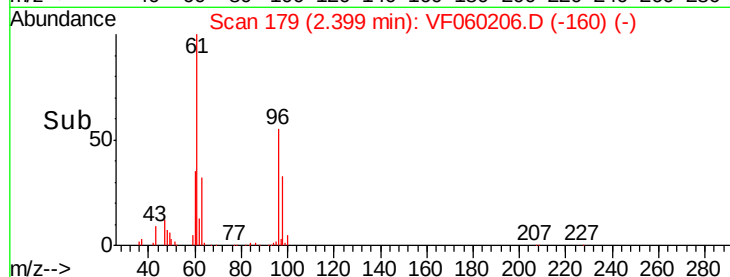
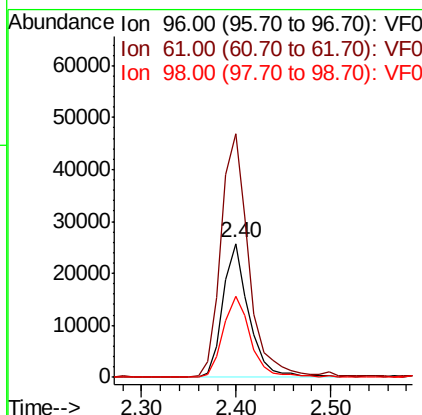
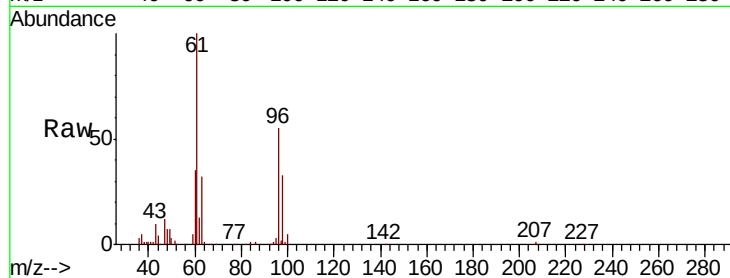
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	48971
Ion	Ratio	Lower	Upper
96	100		
61	181.8	163.1	244.7
98	60.5	54.1	81.1

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#22

Diisopropyl ether

Concen: 50.46 ug/l

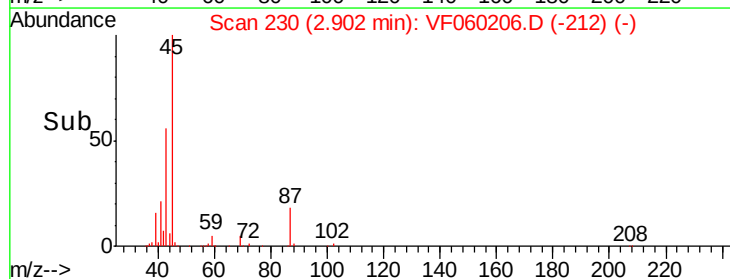
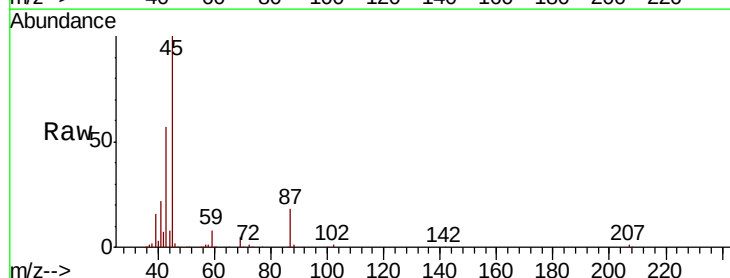
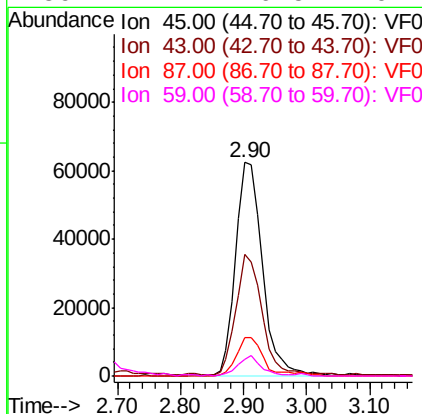
RT: 2.90 min Scan# 230

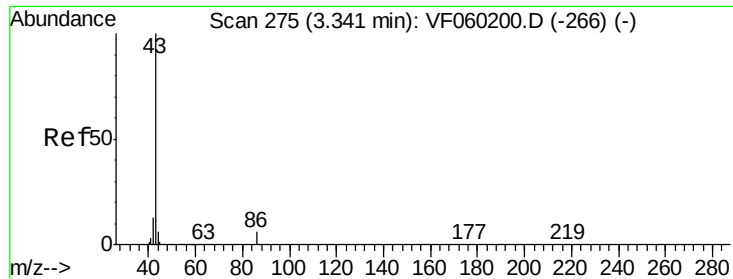
Delta R.T. -0.02 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Tgt Ion:	45	Resp:	185260
Ion	Ratio	Lower	Upper
45	100		
43	56.8	46.2	69.4
87	17.7	16.1	24.1
59	7.7	6.5	9.7





#23

Vinyl Acetate

Concen: 266.47 ug/l

RT: 3.32 min Scan# 272

Delta R.T. -0.02 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 415226

Ion Ratio Lower Upper

43 100

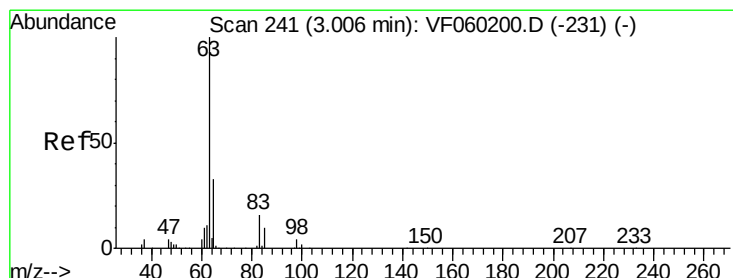
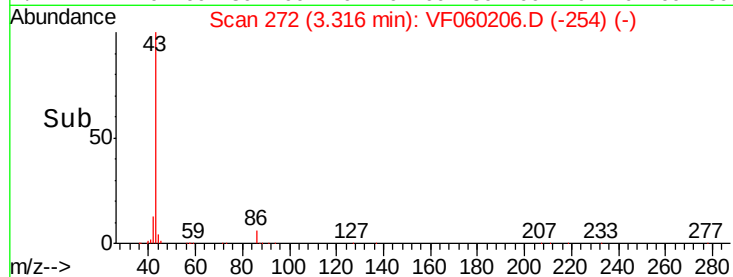
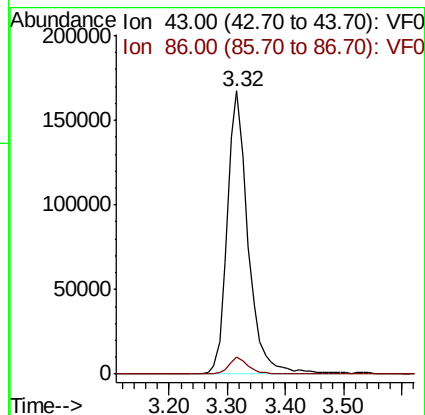
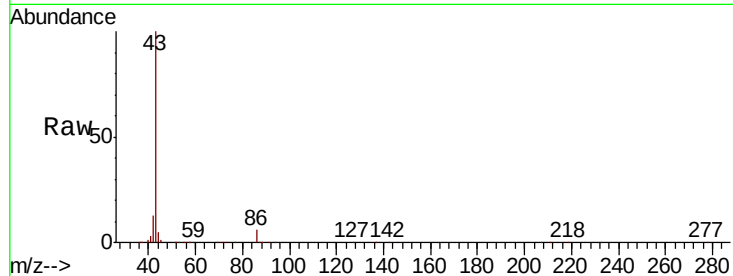
86 6.0 4.8 7.2

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#24

1,1-Dichloroethane

Concen: 48.70 ug/l

RT: 2.98 min Scan# 238

Delta R.T. -0.02 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

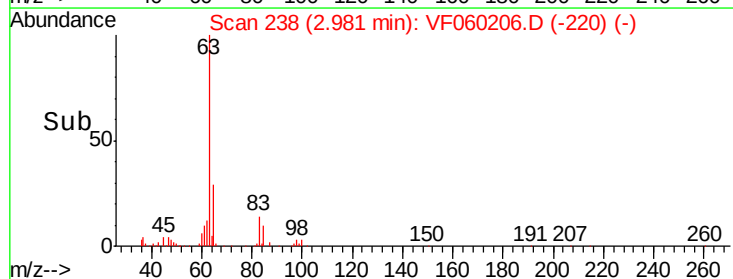
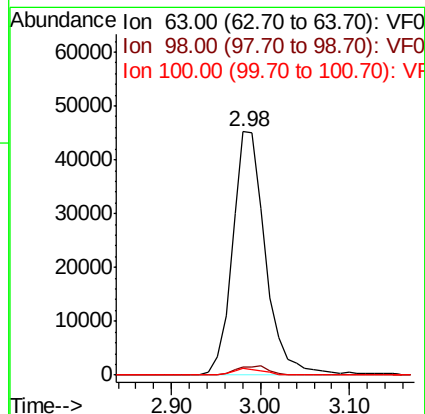
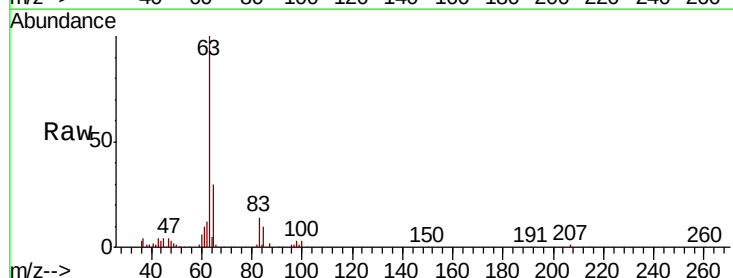
Tgt Ion: 63 Resp: 116306

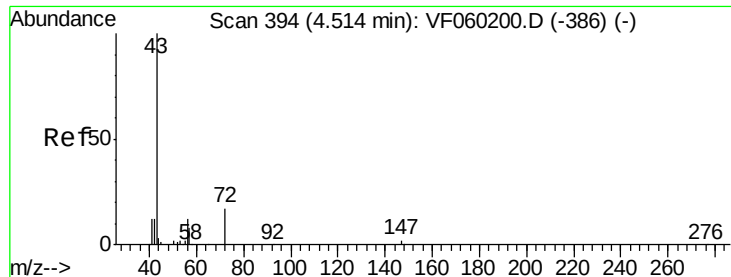
Ion Ratio Lower Upper

63 100

98 3.4 1.9 5.7

100 2.6 1.1 3.1





#25

2-Butanone

Concen: 278.49 ug/l

RT: 4.49 min Scan# 391

Delta R.T. -0.02 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 185848

Ion Ratio Lower Upper

43 100

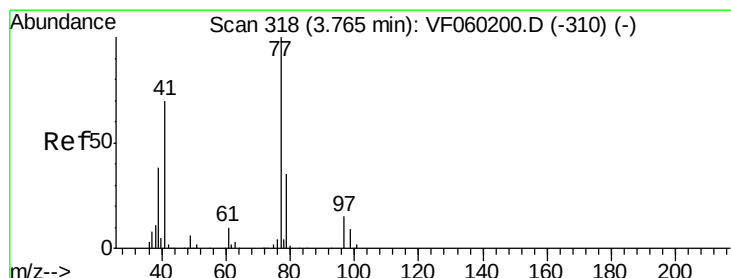
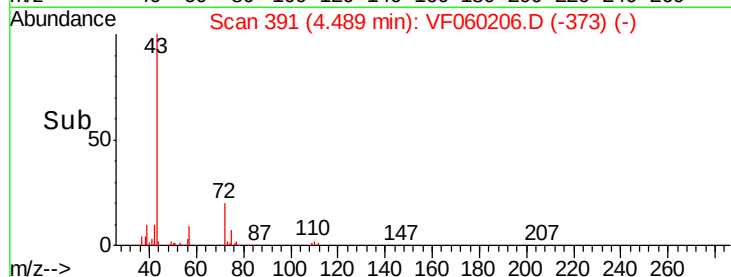
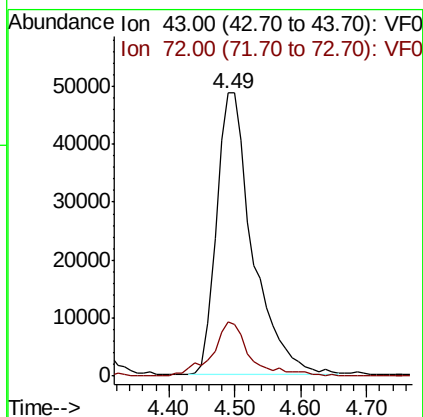
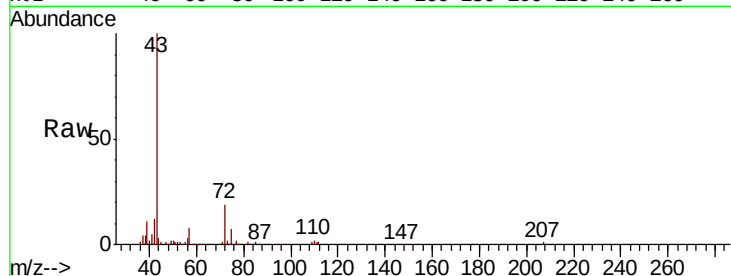
72 19.2 14.8 22.2

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#26

2,2-Dichloropropane

Concen: 48.71 ug/l

RT: 3.74 min Scan# 315

Delta R.T. -0.02 min

Lab File: VF060206.D

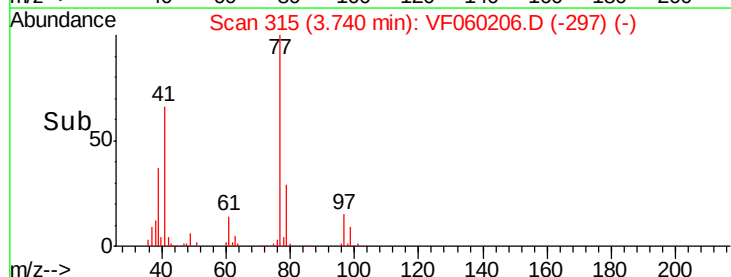
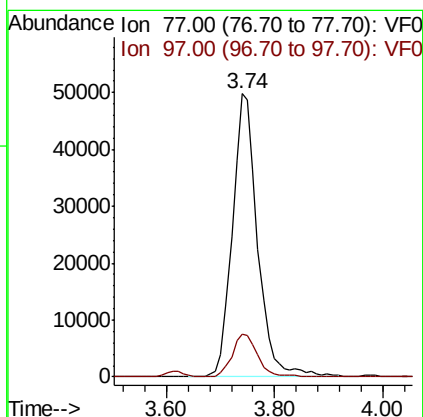
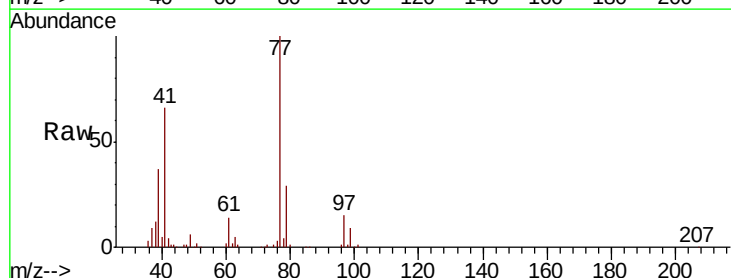
Acq: 7 Sep 2018 11:26

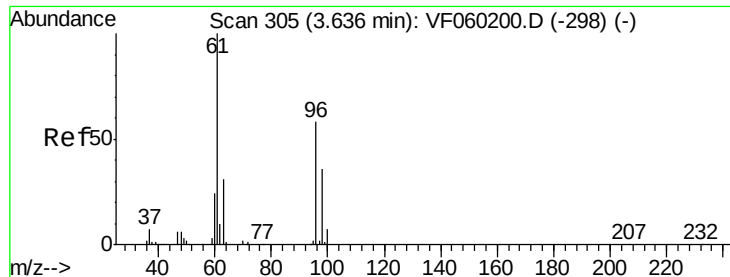
Tgt Ion: 77 Resp: 161326

Ion Ratio Lower Upper

77 100

97 15.2 7.5 22.5





#27

cis-1,2-Dichloroethene

Concen: 49.71 ug/l

RT: 3.62 min Scan# 303

Delta R.T. -0.02 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

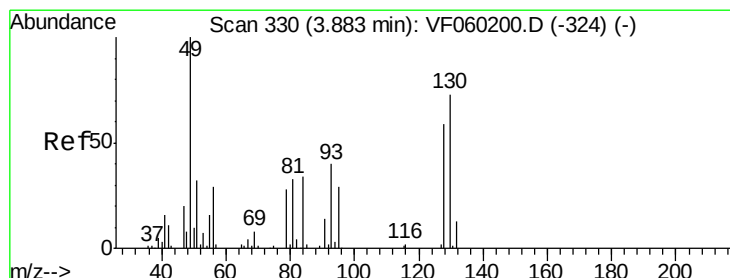
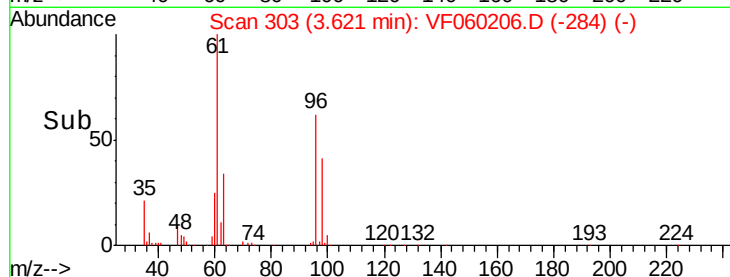
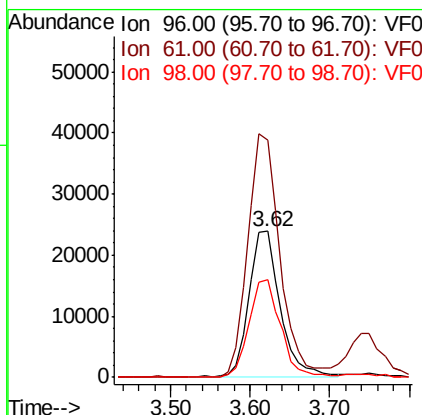
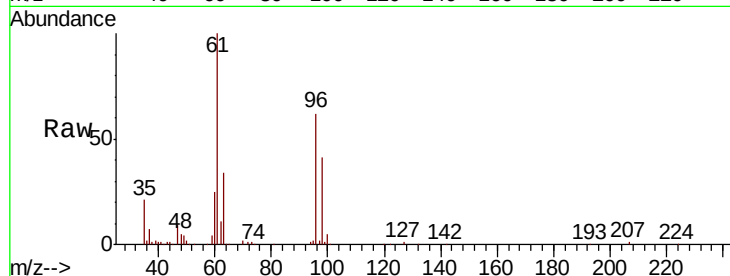
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	64852
Ion	Ratio	Lower	Upper
96	100		
61	162.0	0.0	345.2
98	67.0	0.0	124.6

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#28

Bromochloromethane

Concen: 50.85 ug/l

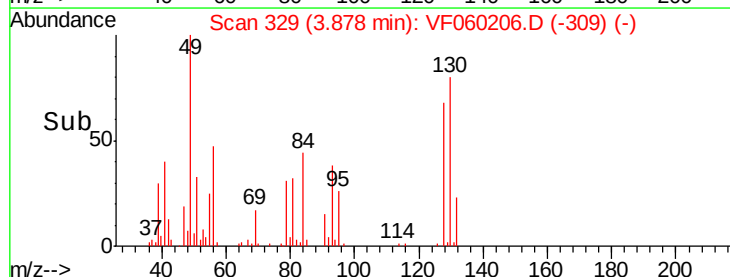
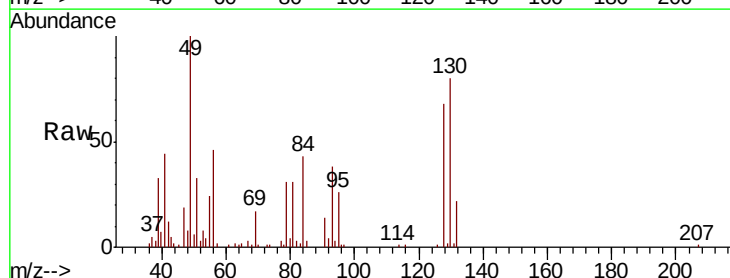
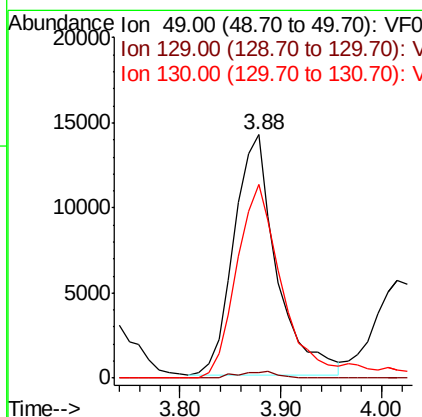
RT: 3.88 min Scan# 329

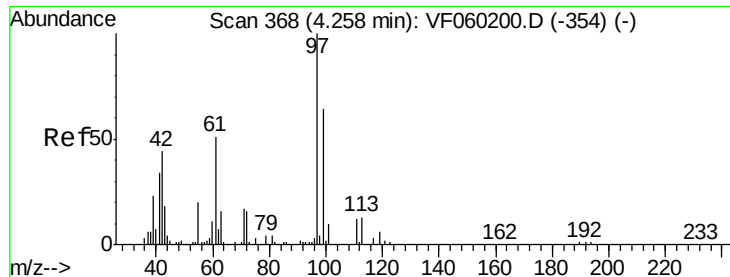
Delta R.T. -0.01 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Tgt Ion:	49	Resp:	41357
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	0.0#
130	79.6	57.8	86.6





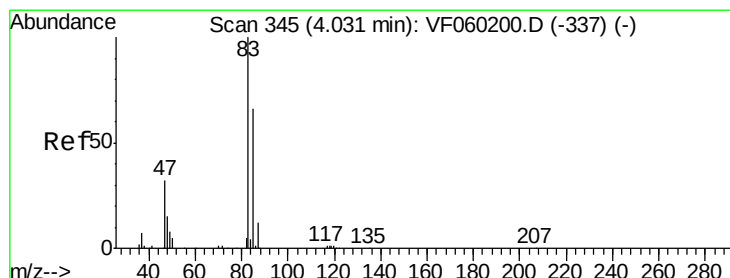
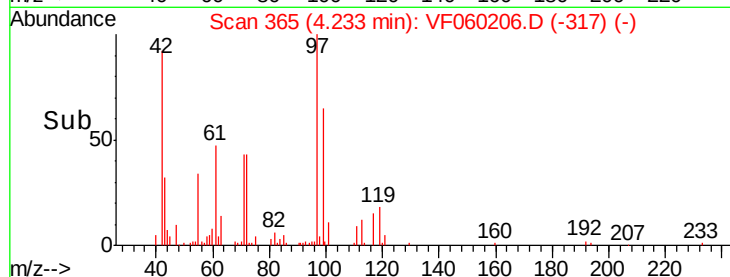
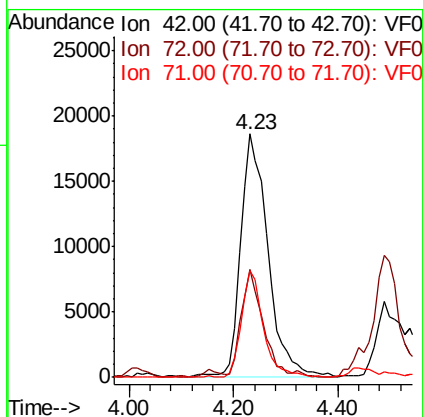
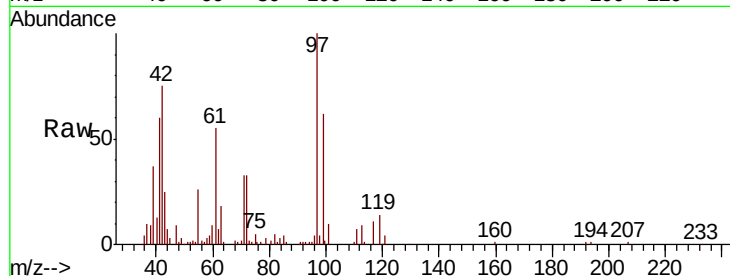
#29
Tetrahydrofuran
Concen: 299.92 ug/l
RT: 4.23 min Scan# 365
Delta R.T. -0.02 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.1	27.4	41.0
71	35.1	28.5	42.7

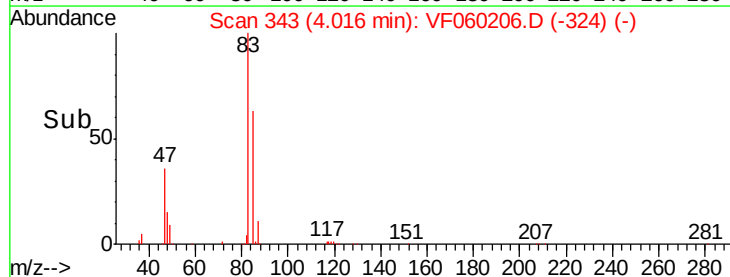
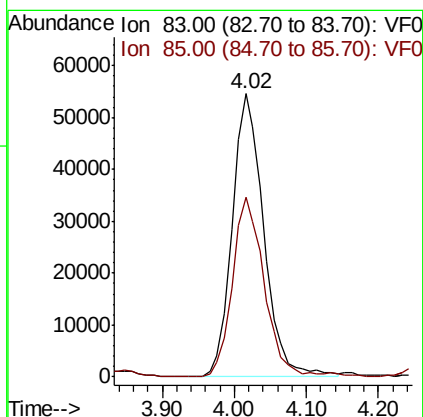
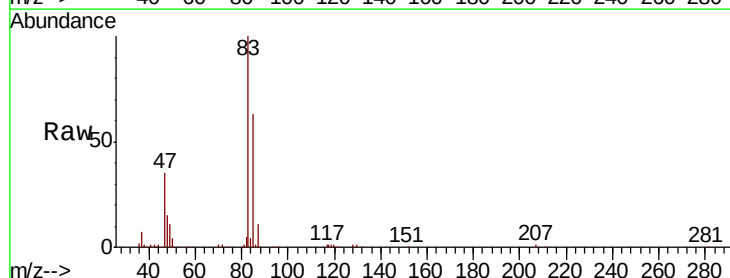
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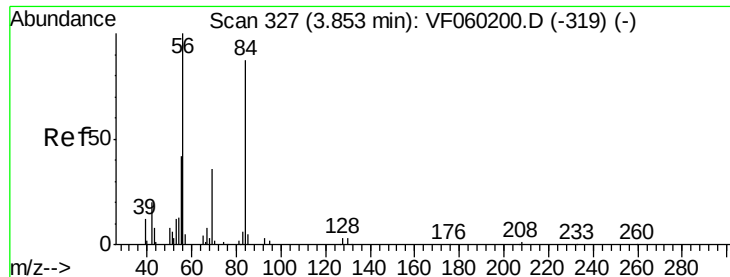
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#30
Chloroform
Concen: 47.55 ug/l
RT: 4.02 min Scan# 343
Delta R.T. -0.02 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.6	79.0





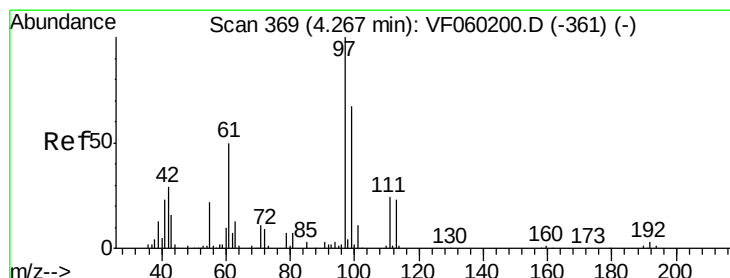
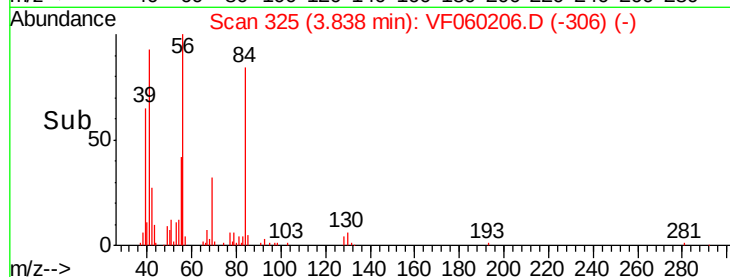
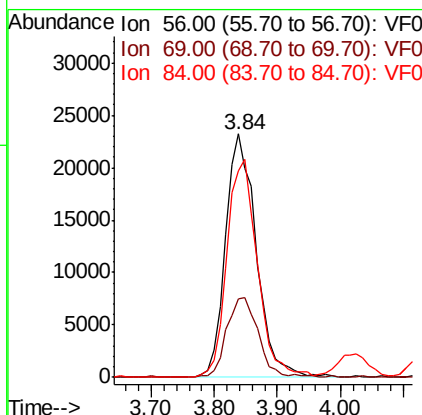
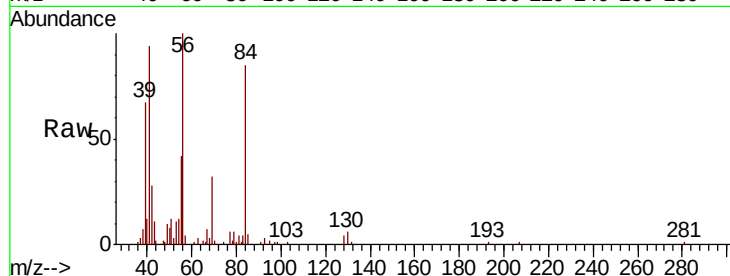
#31
Cyclohexane
Concen: 47.93 ug/l
RT: 3.84 min Scan# 325
Delta R.T. -0.02 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	28.7	43.1
84	84.8	69.7	104.5

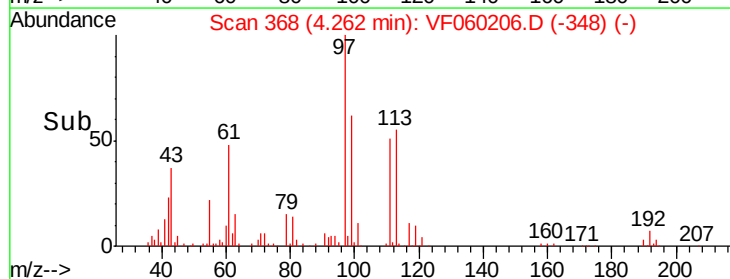
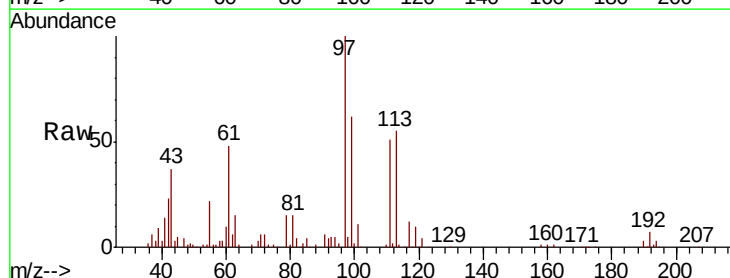
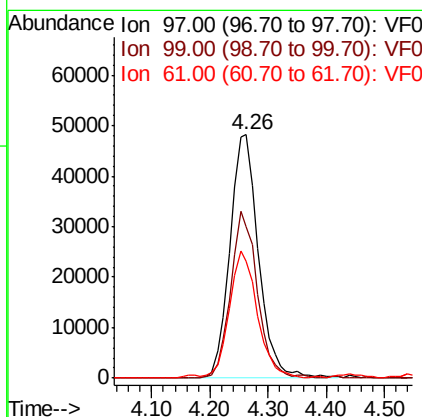
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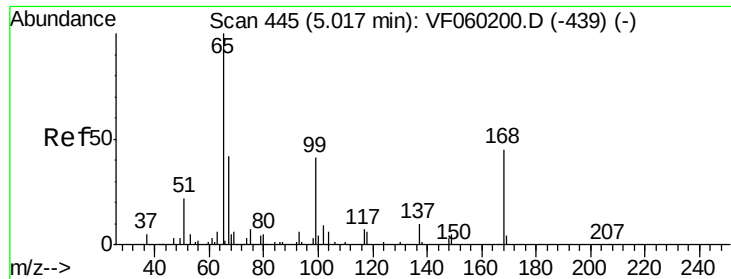
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#32
1,1,1-Trichloroethane
Concen: 47.19 ug/l
RT: 4.26 min Scan# 368
Delta R.T. -0.01 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.2	53.5	80.3
61	47.8	40.4	60.6





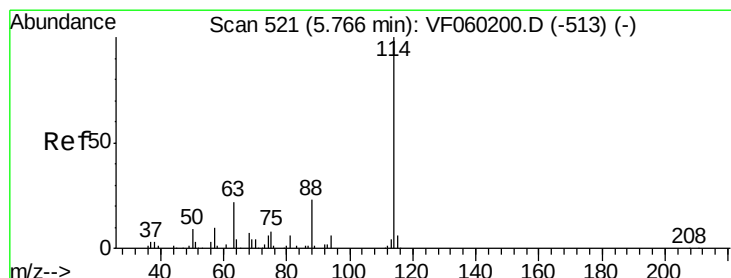
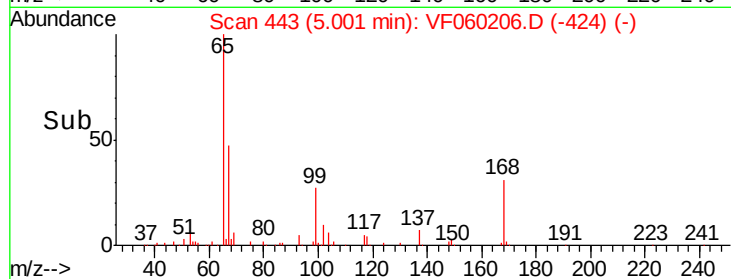
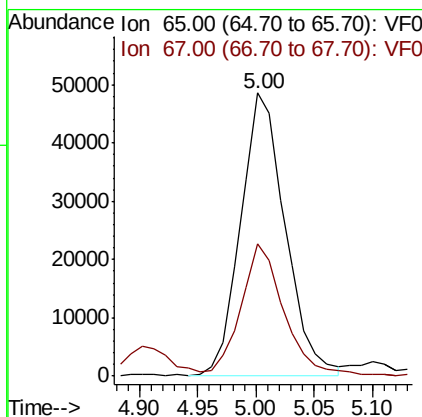
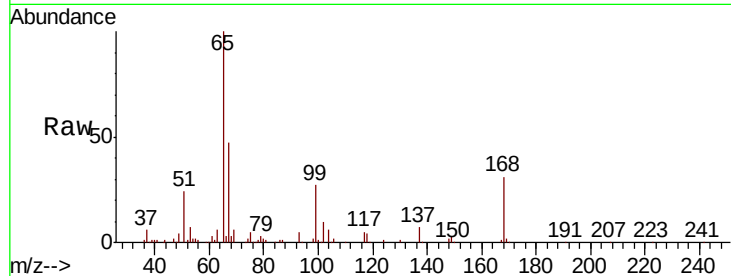
#33
 1,2-Dichloroethane-d4
 Concen: 53.85 ug/l
 RT: 5.00 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: VF060206.D
 Acq: 7 Sep 2018 11:26

Instrument :
 MSVOA_F
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	46.8	0.0	87.2

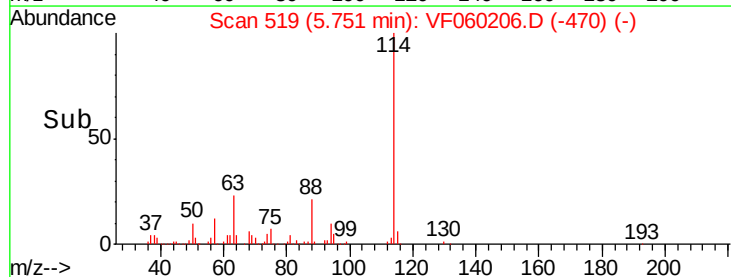
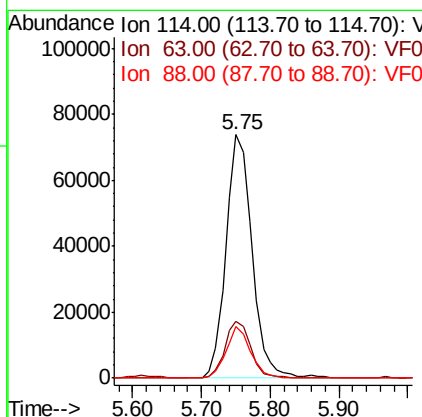
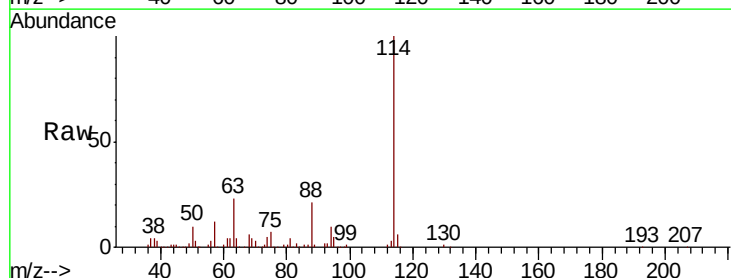
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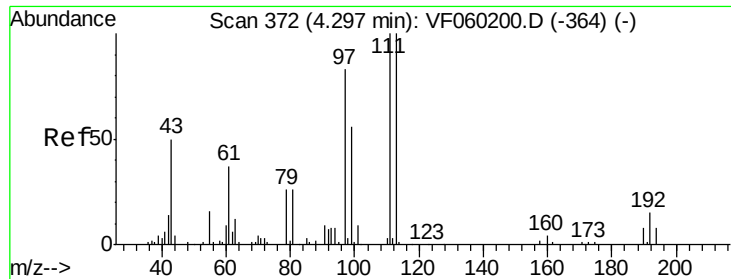
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: VF060206.D
 Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.6
88	21.2	0.0	46.4





#35

Dibromofluoromethane

Concen: 53.68 ug/l

RT: 4.27 min Scan# 369

Delta R.T. -0.02 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

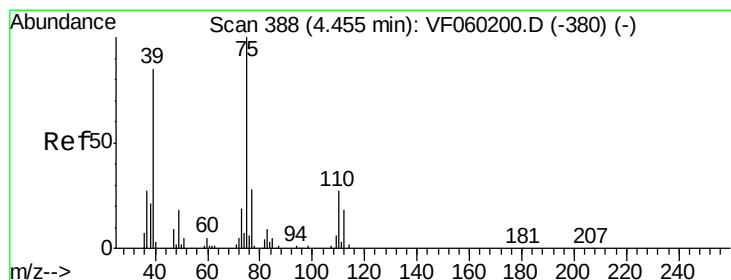
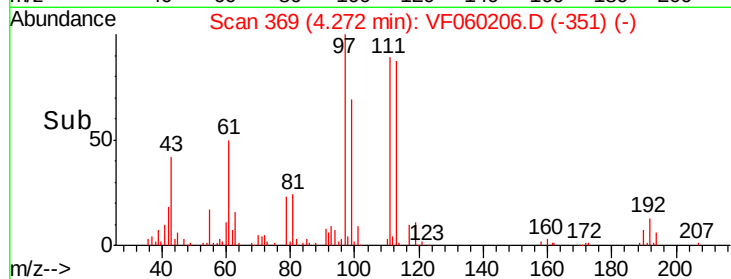
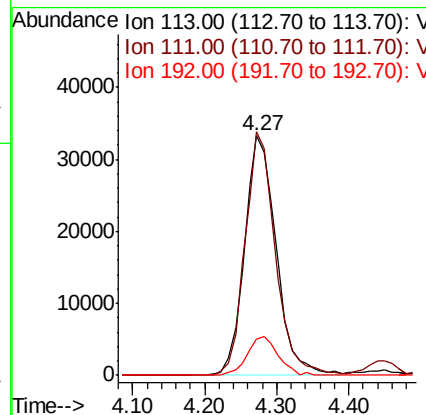
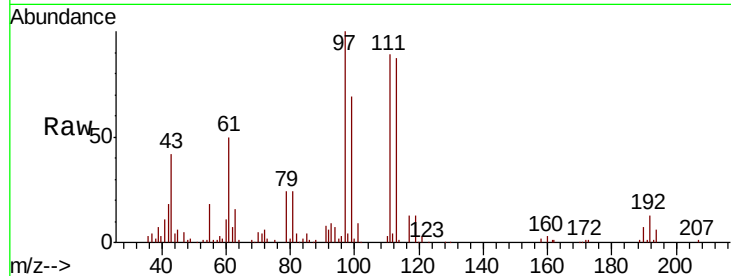
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	102091
Ion Ratio	Lower	Upper	
113	100		
111	101.6	80.2	120.2
192	15.2	11.8	17.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.74 ug/l

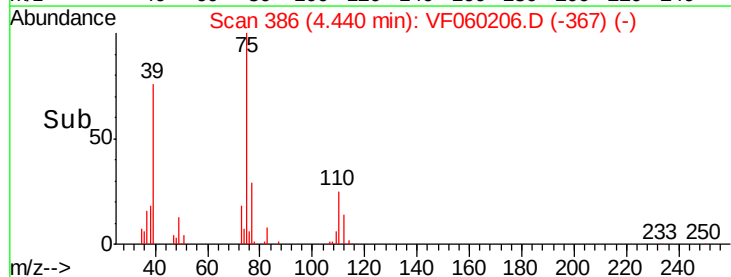
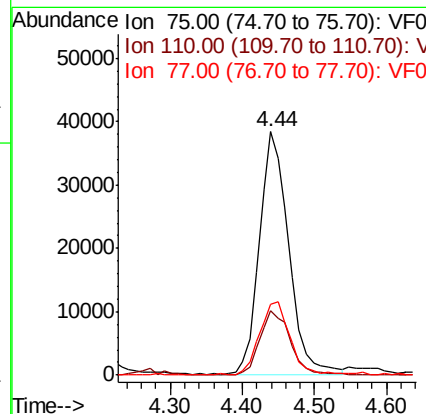
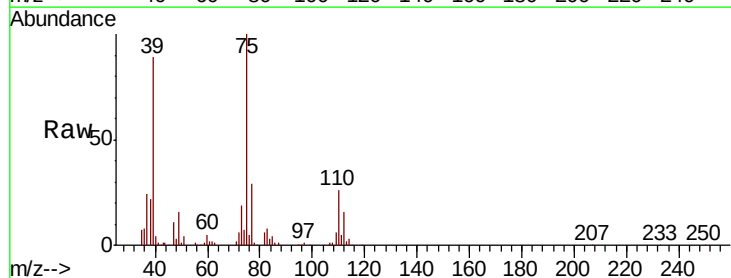
RT: 4.44 min Scan# 386

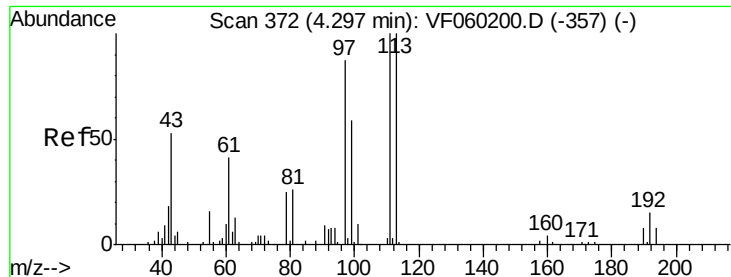
Delta R.T. -0.02 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Tgt Ion:	75	Resp:	109067
Ion Ratio	Lower	Upper	
75	100		
110	26.3	13.6	40.7
77	29.2	22.7	34.1





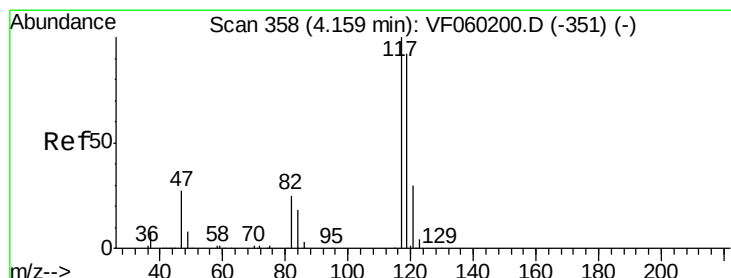
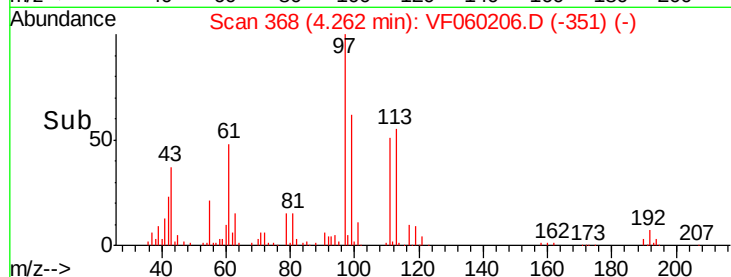
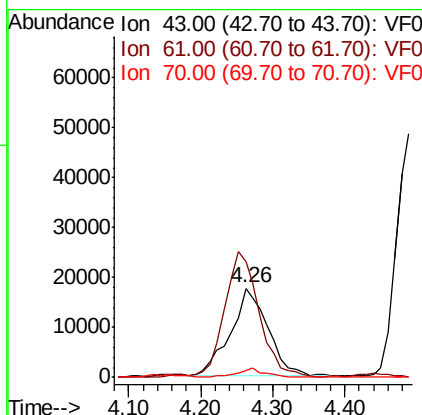
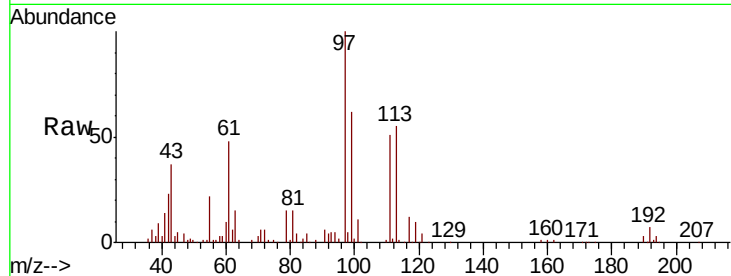
#37
Ethyl Acetate
Concen: 56.43 ug/l
RT: 4.26 min Scan# 368
Delta R.T. -0.03 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	43	61	70	Ratio	Lower	Upper
43	100					
61	129.3	61.6				92.4#
70	7.4	6.9				10.3

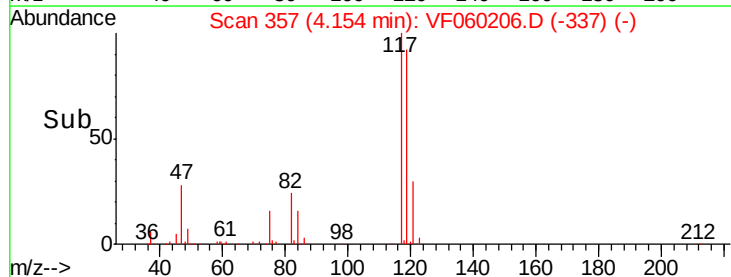
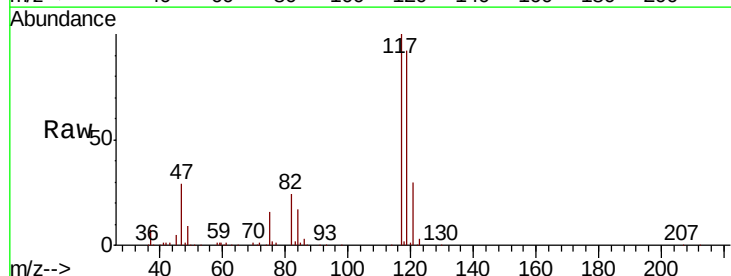
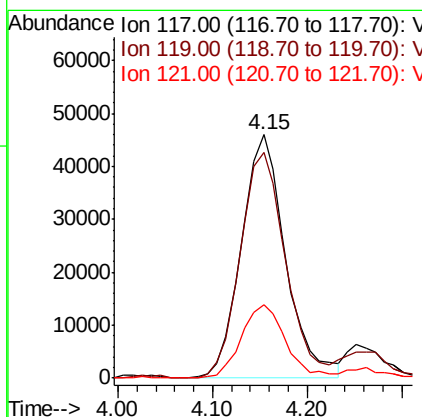
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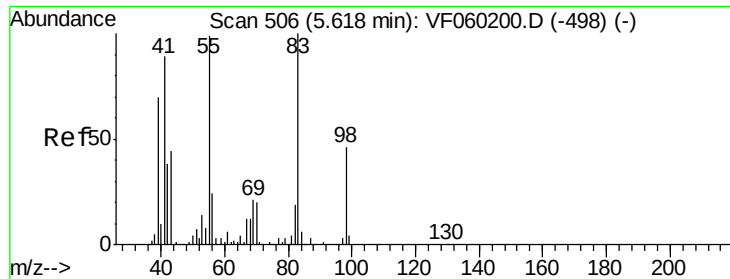
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#38
Carbon Tetrachloride
Concen: 47.61 ug/l
RT: 4.15 min Scan# 357
Delta R.T. -0.01 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion	117	119	121	Ratio	Lower	Upper
117	100					
119	92.5	73.0				109.6
121	30.0	23.9				35.9





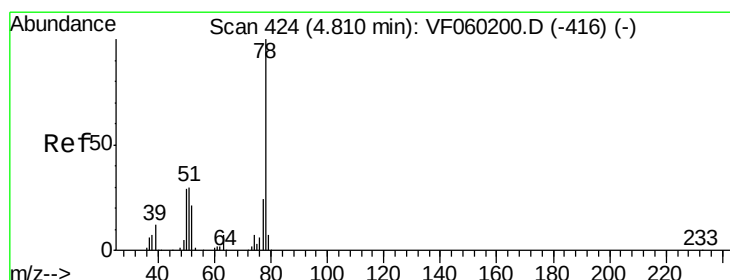
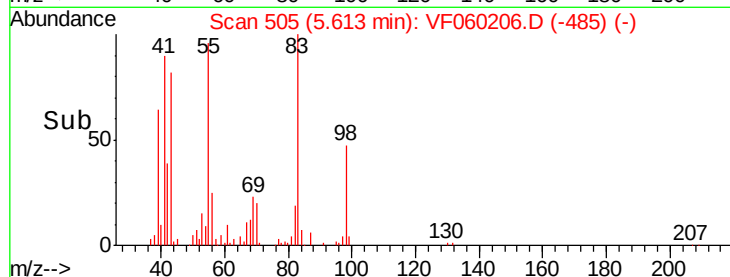
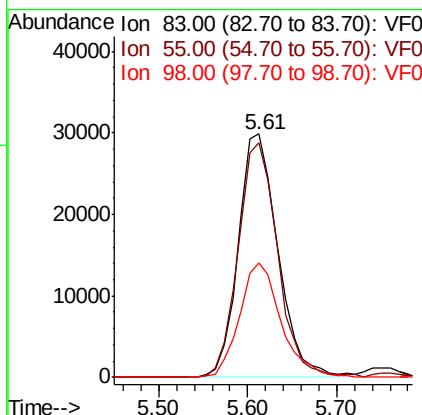
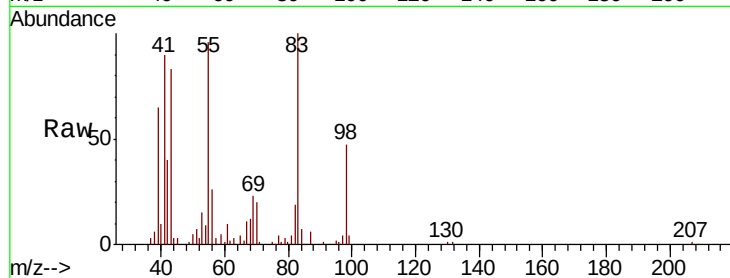
#39
Methylvlcyclohexane
Concen: 48.00 ug/l
RT: 5.61 min Scan# 505
Delta R.T. -0.01 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	96.5	79.0	118.4
98	46.8	36.7	55.1

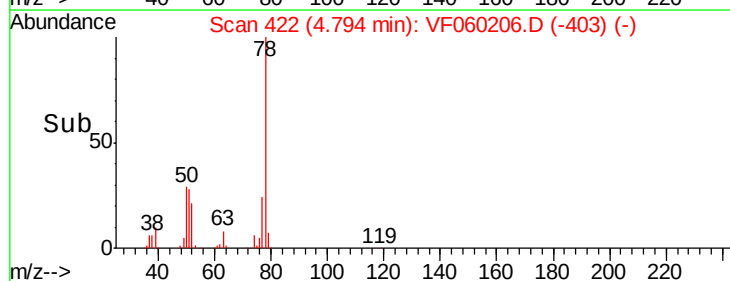
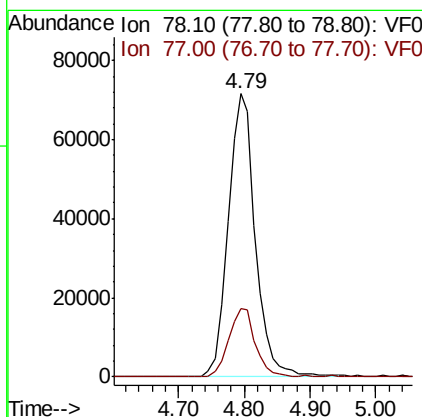
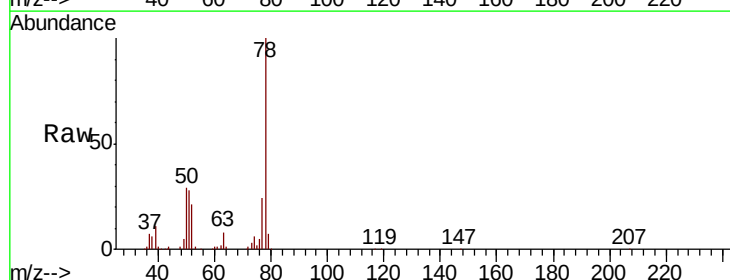
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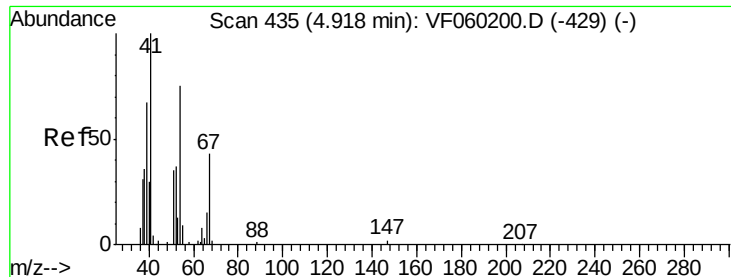
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#40
Benzene
Concen: 50.66 ug/l
RT: 4.79 min Scan# 422
Delta R.T. -0.02 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4





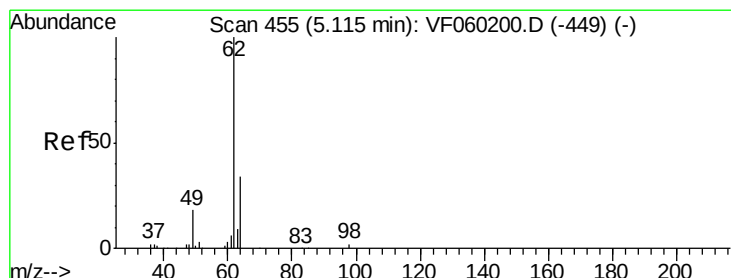
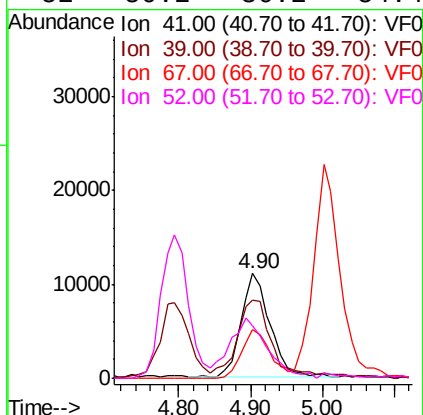
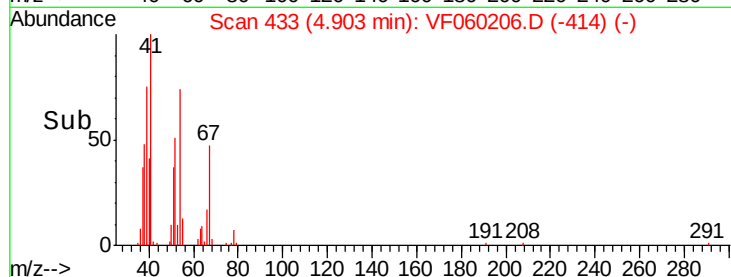
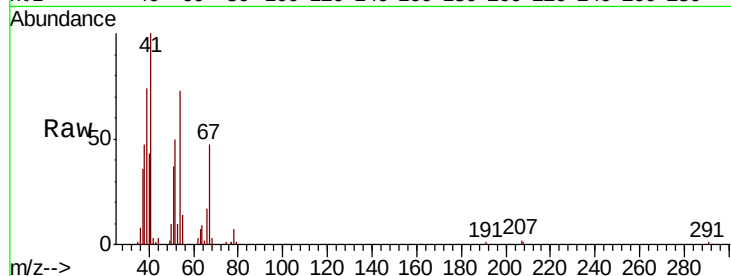
#41
Methacrylonitrile
Concen: 52.76 ug/l
RT: 4.90 min Scan# 433
Delta R.T. -0.02 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	31353
Ion	Ratio	Lower	Upper
41	100		
39	74.2	57.4	86.2
67	46.5	34.6	52.0
52	50.2	36.2	54.4

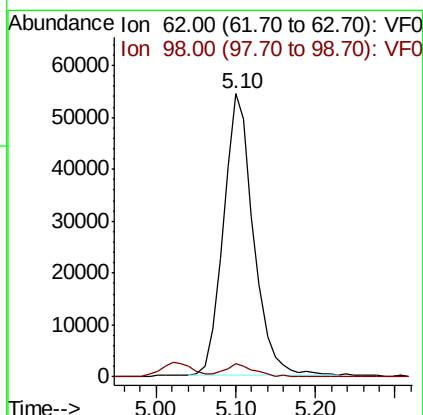
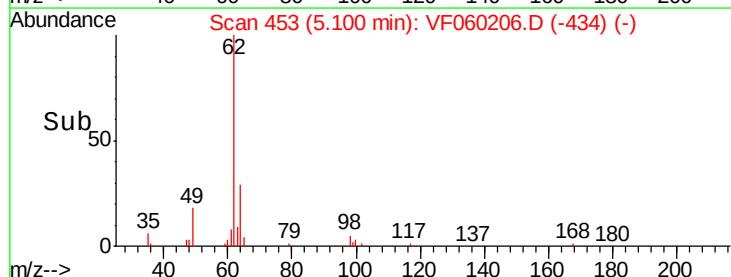
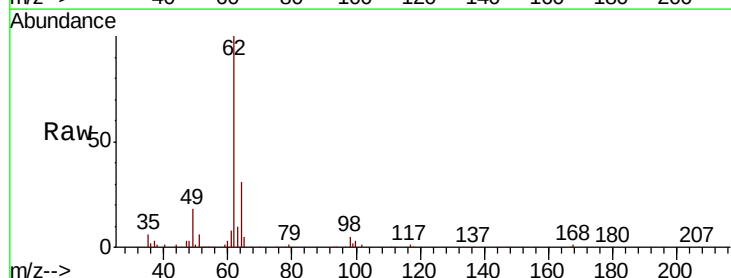
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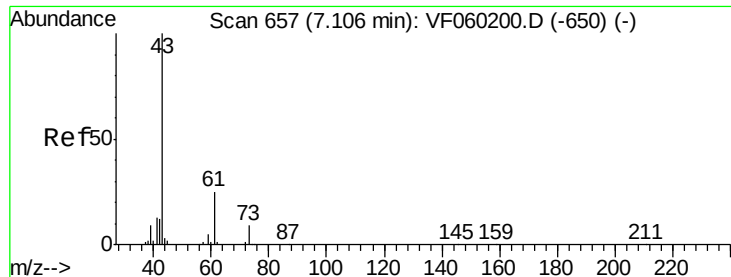
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#42
1,2-Dichloroethane
Concen: 48.96 ug/l
RT: 5.10 min Scan# 453
Delta R.T. -0.02 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion:	62	Resp:	144024
Ion	Ratio	Lower	Upper
62	100		
98	4.7	0.0	8.8





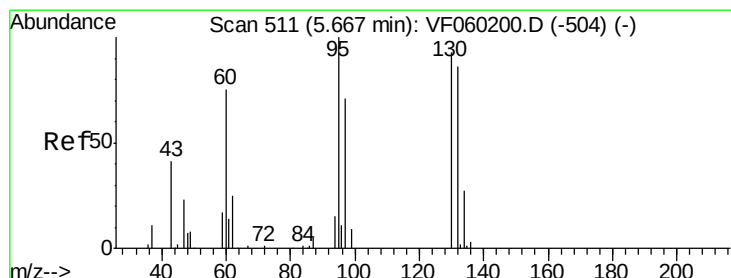
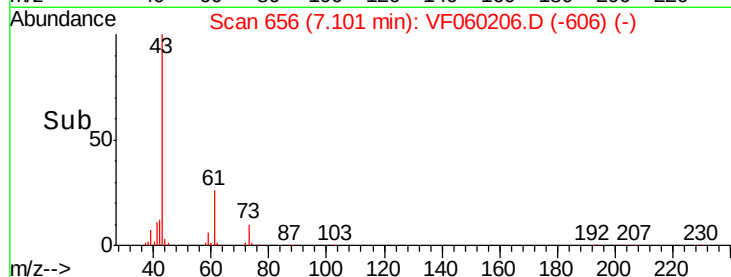
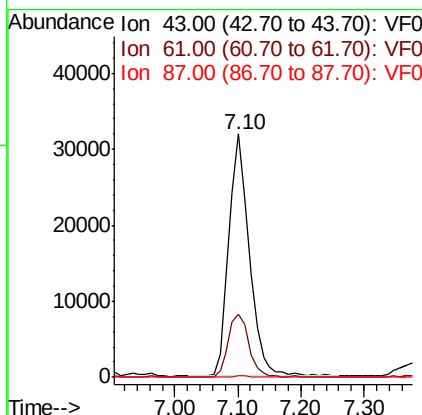
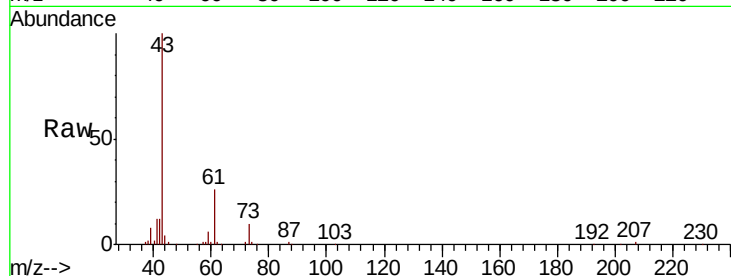
#43
Isopropyl Acetate
Concen: 54.21 ug/l
RT: 7.10 min Scan# 656
Delta R.T. -0.01 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.8	19.9	29.9
87	0.5	0.4	0.6

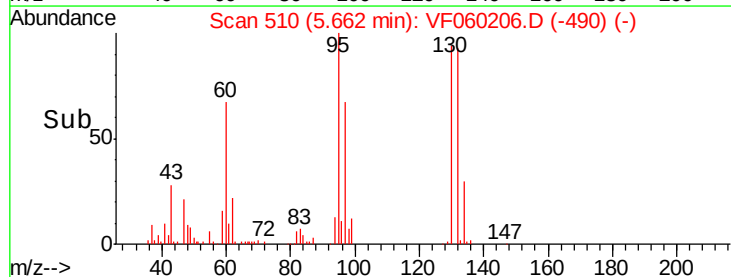
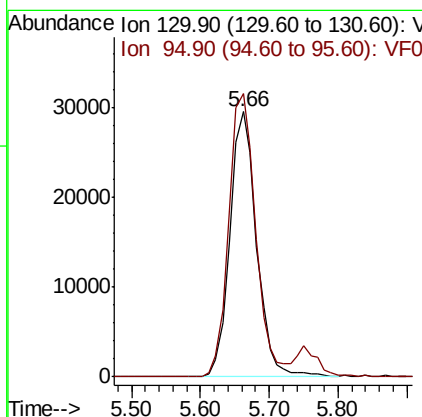
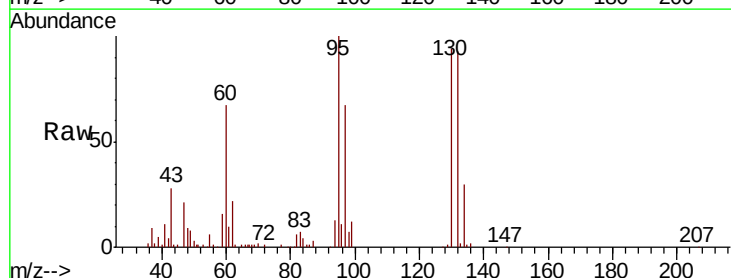
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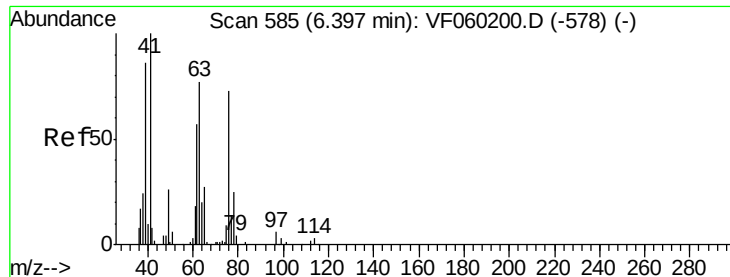
apatel
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#44
Trichloroethene
Concen: 48.11 ug/l
RT: 5.66 min Scan# 510
Delta R.T. -0.01 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.8	0.0	215.4





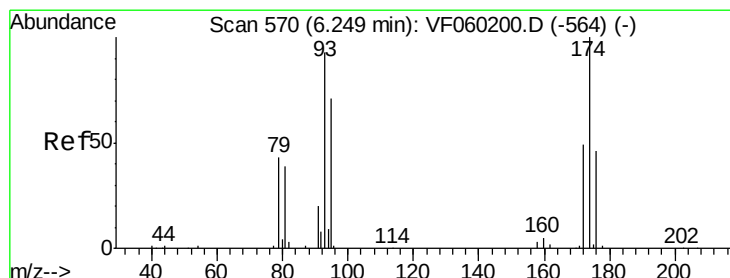
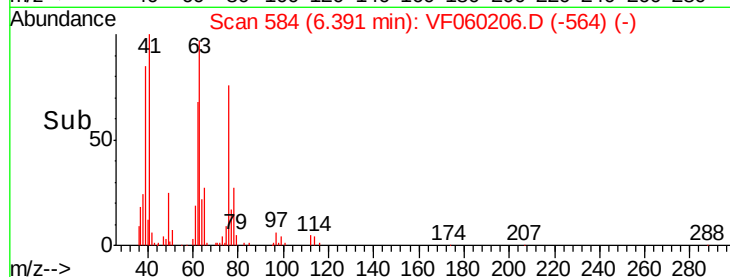
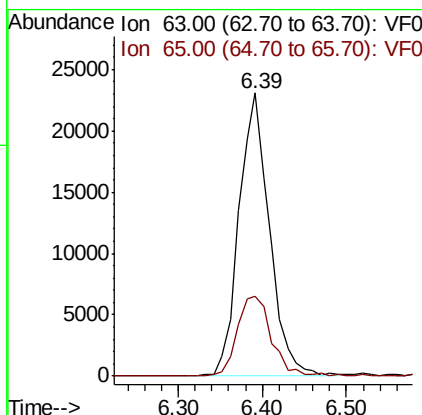
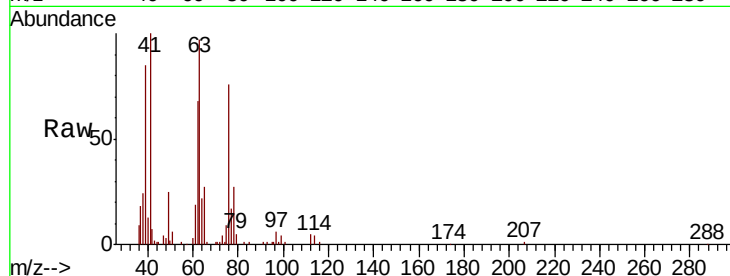
#45
 1,2-Dichloropropane
 Concen: 50.42 ug/l
 RT: 6.39 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: VF060206.D
 Acq: 7 Sep 2018 11:26

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	63	Resp	58337
Ion Ratio	Lower	Upper	
63	100		
65	28.0	27.9	41.9

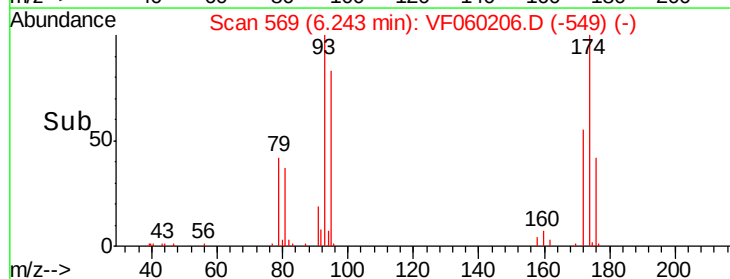
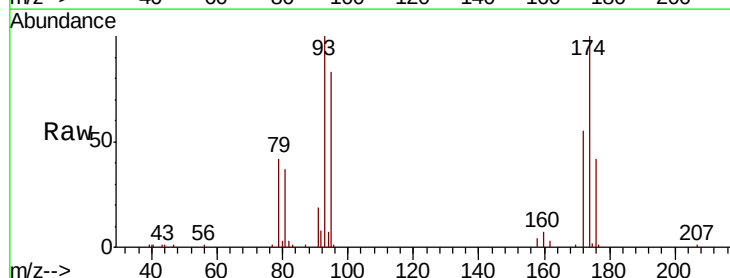
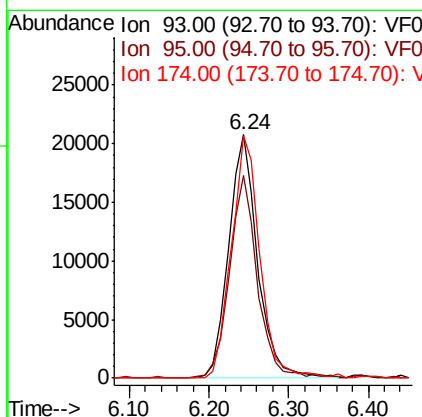
Manual Integrations
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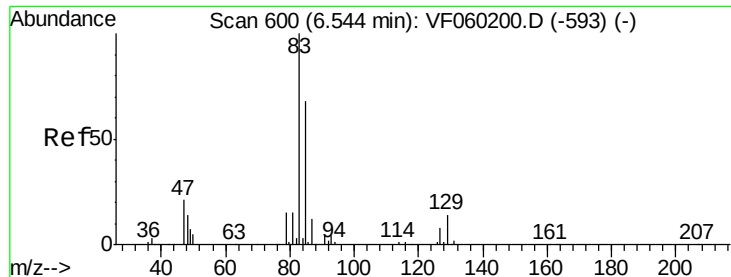
apatel
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#46
 Dibromomethane
 Concen: 51.50 ug/l
 RT: 6.24 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VF060206.D
 Acq: 7 Sep 2018 11:26

Tgt Ion	93	Resp	52461
Ion Ratio	Lower	Upper	
93	100		
95	83.1	61.4	92.2
174	101.8	85.9	128.9





#47

Bromodichloromethane

Concen: 48.13 ug/l

RT: 6.54 min Scan# 599

Delta R.T. -0.01 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

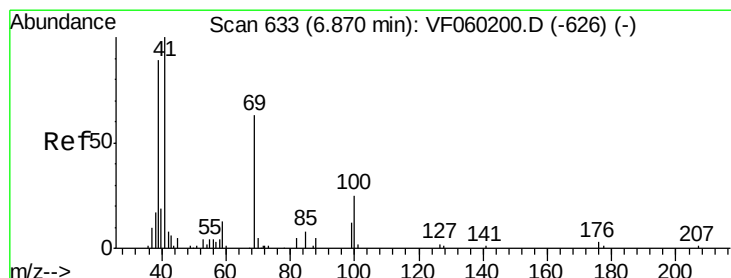
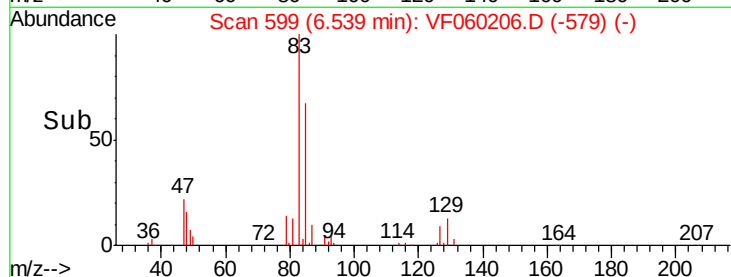
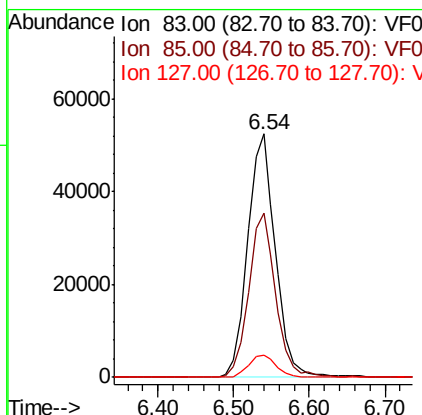
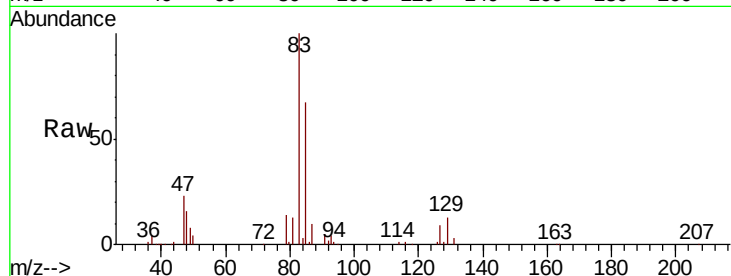
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	133079
Ion Ratio	Lower	Upper	
83	100		
85	67.4	54.0	81.0
127	8.9	6.6	9.8

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#48

Methyl methacrylate

Concen: 53.51 ug/l

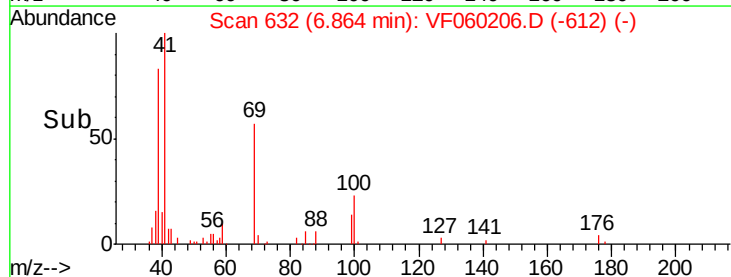
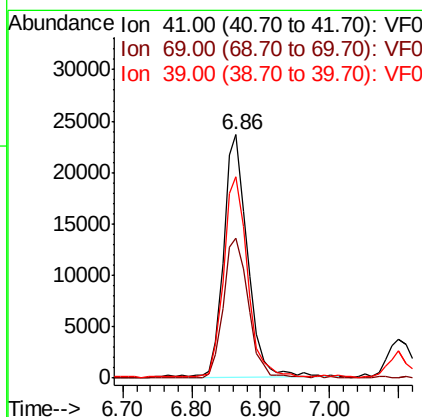
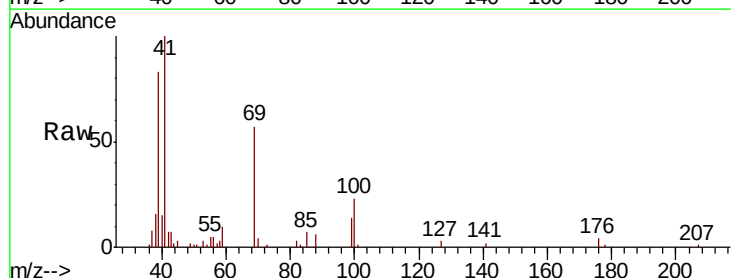
RT: 6.86 min Scan# 632

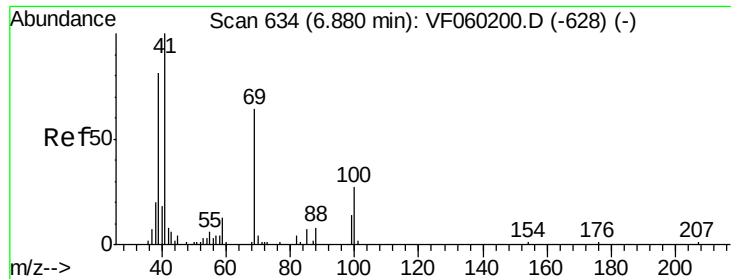
Delta R.T. -0.01 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Tgt Ion:	41	Resp:	56482
Ion Ratio	Lower	Upper	
41	100		
69	57.4	50.4	75.6
39	82.7	70.6	106.0





#49

1,4-Dioxane

Concen: 518.98 ug/l

RT: 6.89 min Scan# 635

Delta R.T. 0.01 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

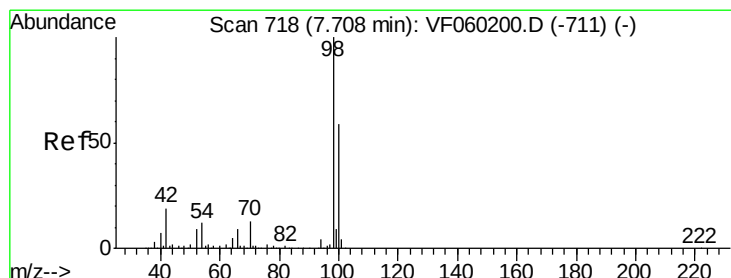
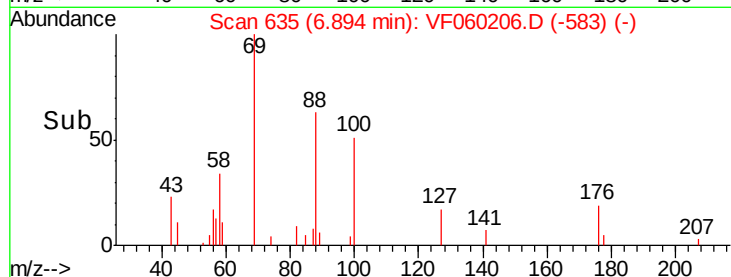
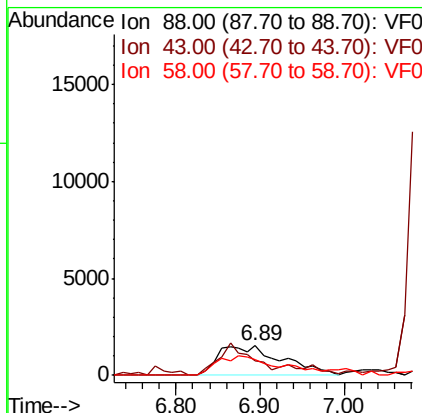
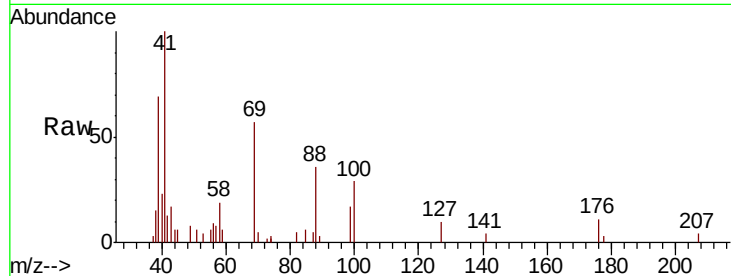
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	49.0	68.1	102.1#	
58	53.9	38.1	57.1	

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#50

Toluene-d8

Concen: 54.22 ug/l

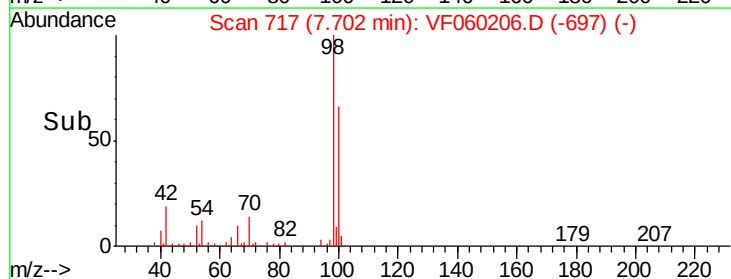
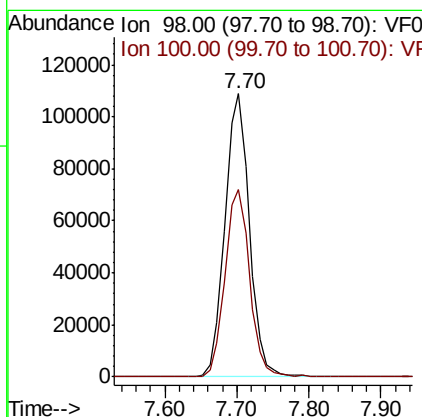
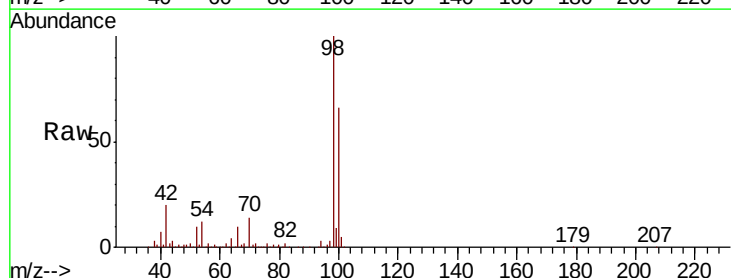
RT: 7.70 min Scan# 717

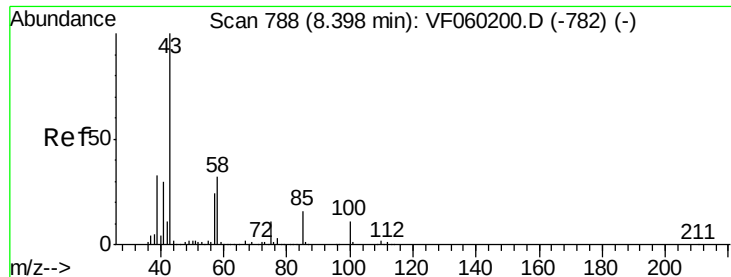
Delta R.T. -0.01 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	66.0	47.4	71.0	





#51

4-Methyl-2-Pentanone

Concen: 279.02 ug/l

RT: 8.39 min Scan# 787

Delta R.T. -0.01 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 329436

Ion Ratio Lower Upper

43 100

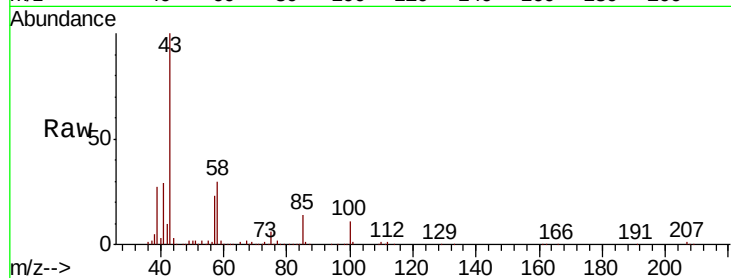
58 30.5 25.8 38.6

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

150000

100000

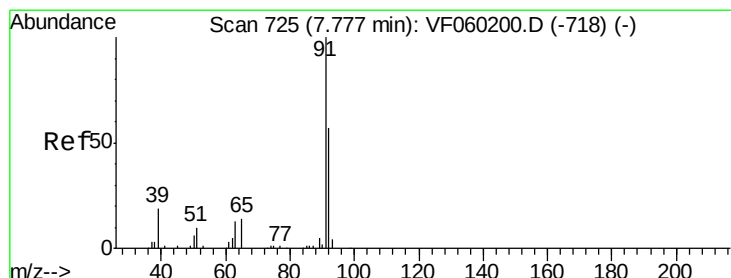
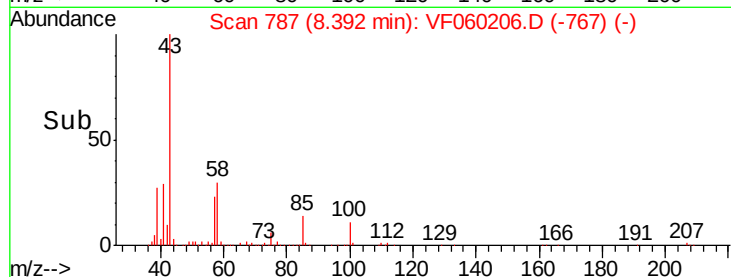
50000

0

8.39

8.30 8.40 8.50 8.60

Time-->



#52

Toluene

Concen: 47.31 ug/l

RT: 7.77 min Scan# 724

Delta R.T. -0.01 min

Lab File: VF060206.D

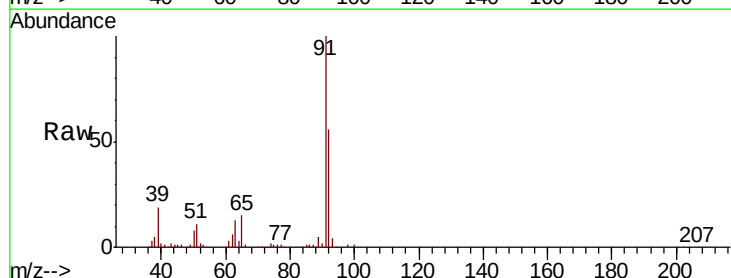
Acq: 7 Sep 2018 11:26

Tgt Ion: 92 Resp: 149133

Ion Ratio Lower Upper

92 100

91 177.4 140.0 210.0



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

120000

100000

80000

60000

40000

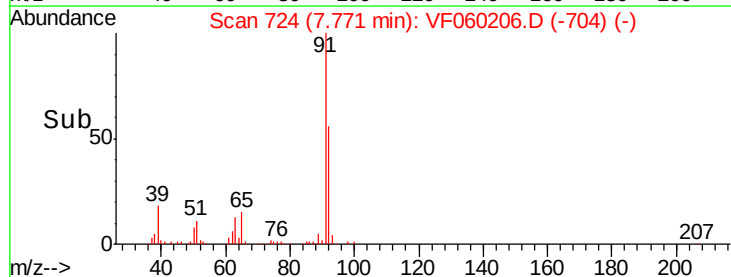
20000

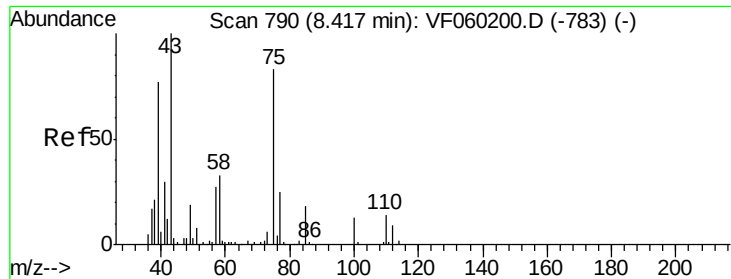
0

7.77

7.60 7.70 7.80 7.90

Time-->





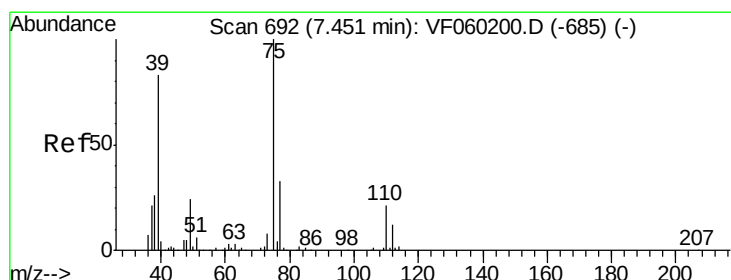
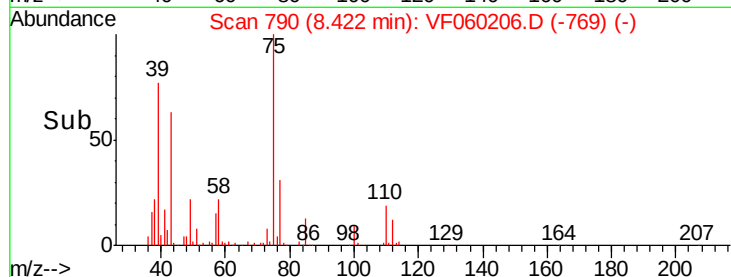
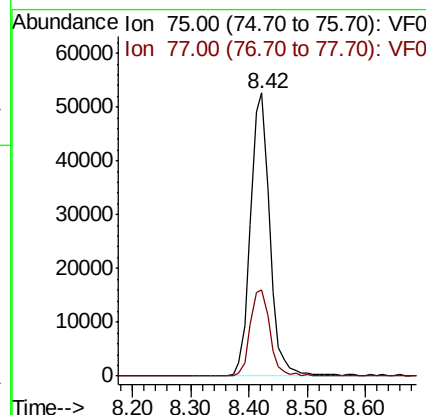
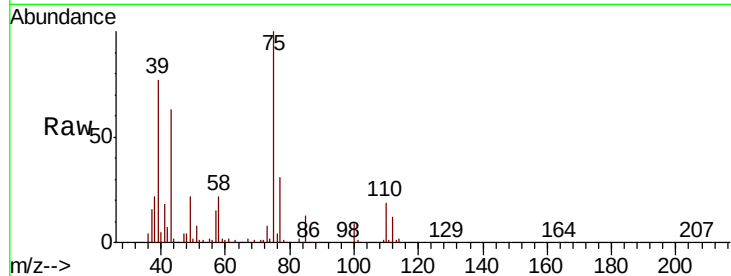
#53
t-1,3-Dichloropropene
Concen: 52.65 ug/l
RT: 8.42 min Scan# 790
Delta R.T. 0.00 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.3	36.5

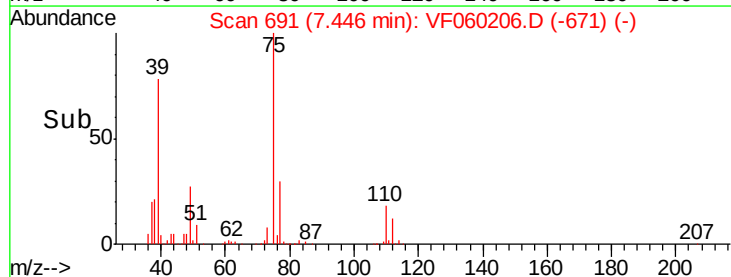
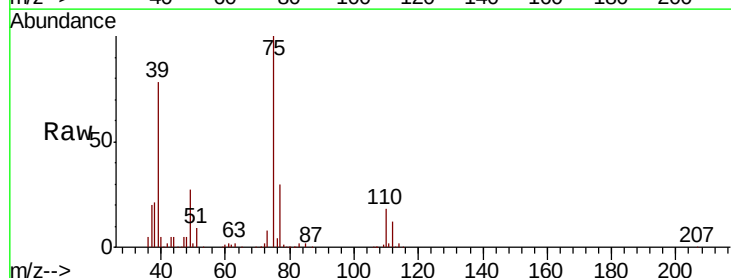
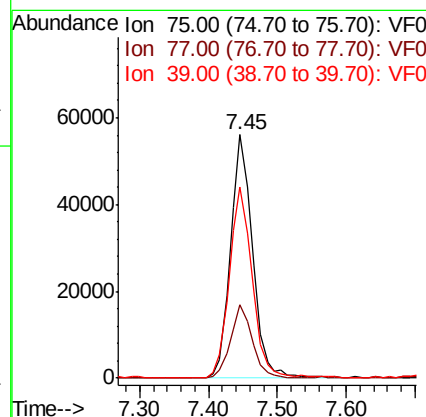
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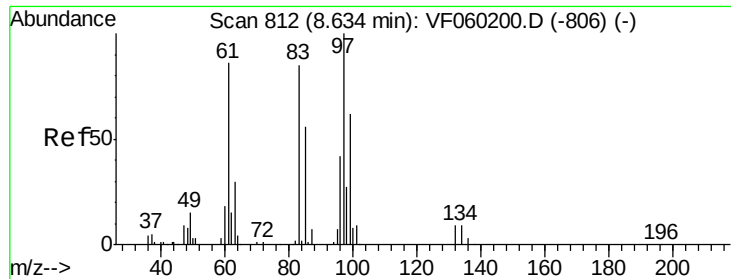
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#54
cis-1,3-Dichloropropene
Concen: 51.53 ug/l
RT: 7.45 min Scan# 691
Delta R.T. -0.01 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.6	39.8
39	78.3	66.6	100.0





#55

1,1,2-Trichloroethane

Concen: 52.24 ug/l

RT: 8.63 min Scan# 811

Delta R.T. -0.01 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

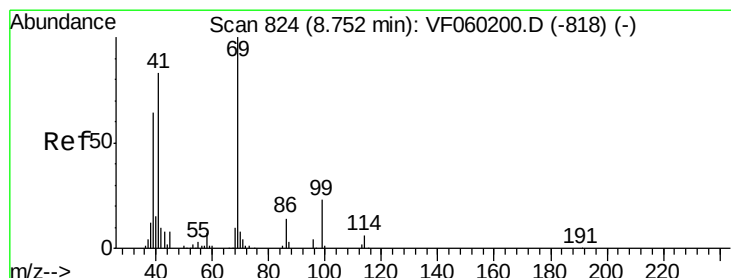
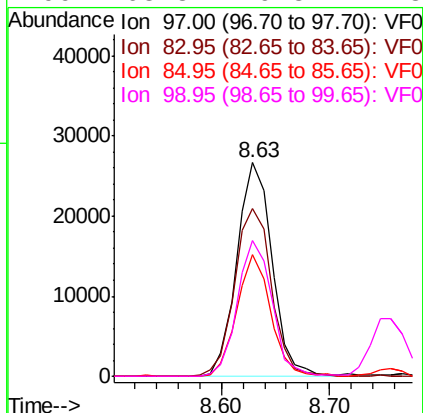
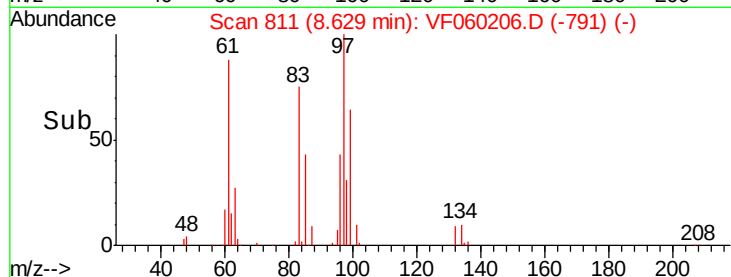
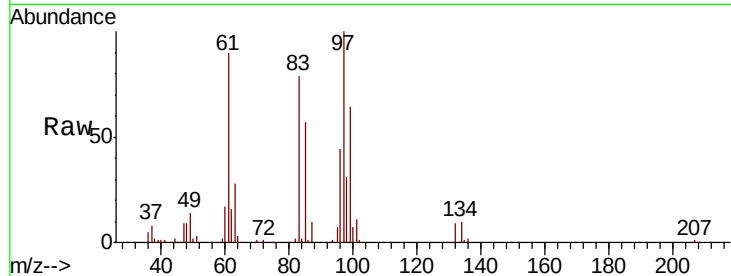
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	60568
Ion	Ratio	Lower	Upper
97	100		
83	78.8	68.1	102.1
85	56.7	44.6	66.8
99	63.8	49.8	74.8

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#56

Ethyl methacrylate

Concen: 56.65 ug/l

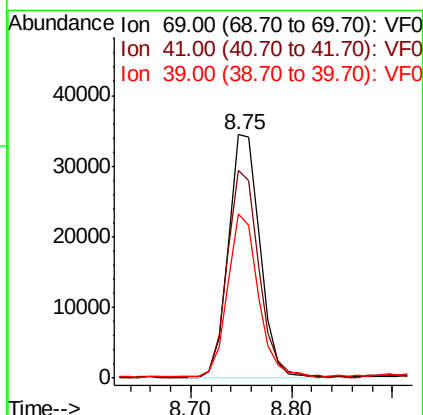
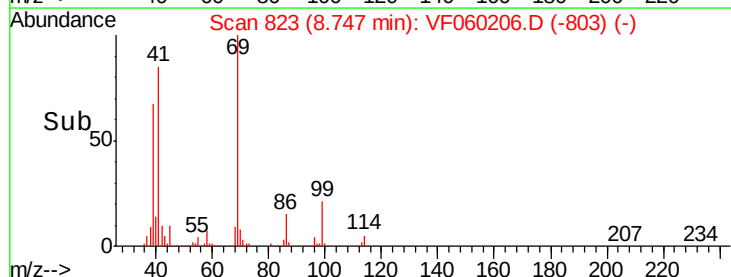
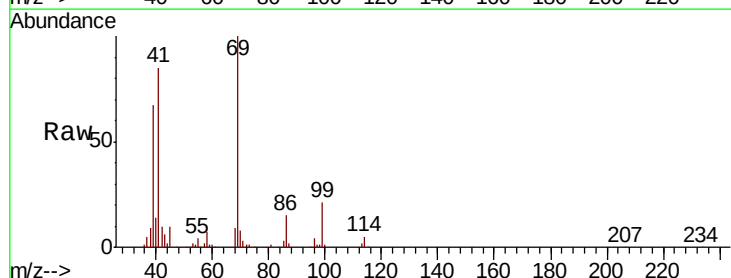
RT: 8.75 min Scan# 823

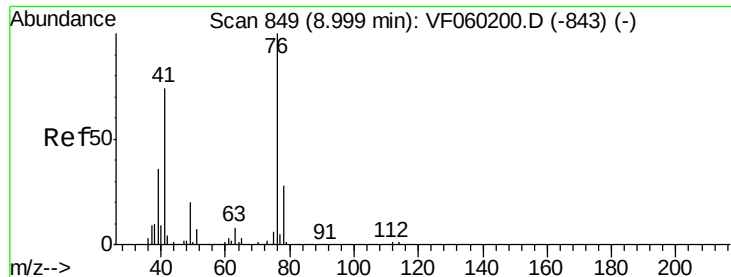
Delta R.T. -0.01 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Tgt Ion:	69	Resp:	75085
Ion	Ratio	Lower	Upper
69	100		
41	85.4	66.6	100.0
39	67.4	51.5	77.3





#57

1,3-Dichloropropane

Concen: 52.30 ug/l

RT: 8.99 min Scan# 848

Delta R.T. -0.01 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 107819

Ion Ratio Lower Upper

76 100

78 32.8

22.8

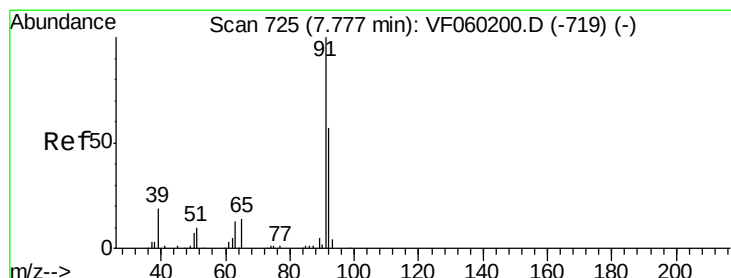
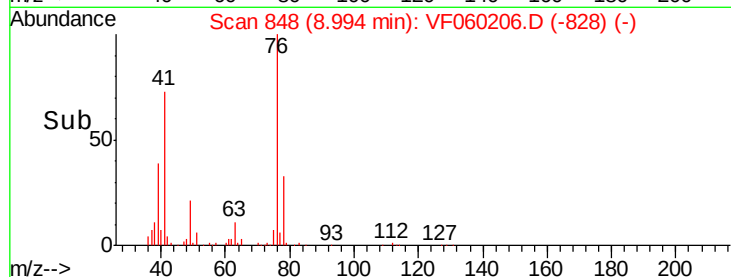
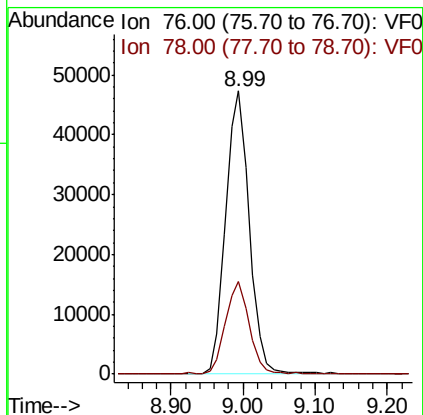
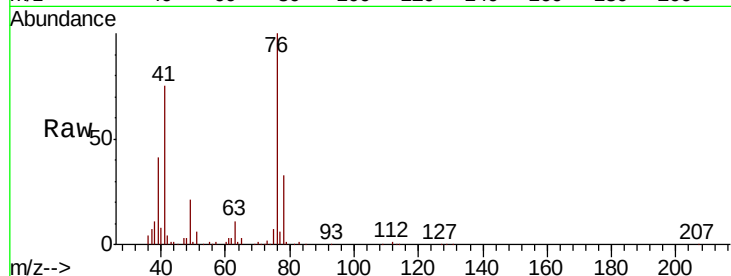
34.2

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#58

2-Chloroethyl Vinyl ether

Concen: 244.79 ug/l

RT: 7.77 min Scan# 724

Delta R.T. -0.01 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Tgt Ion: 63 Resp: 34893

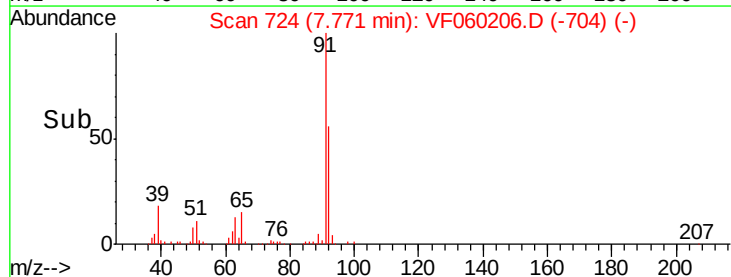
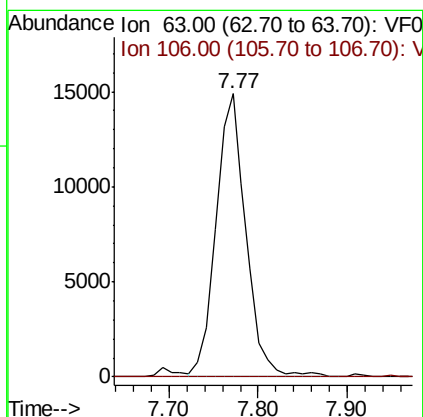
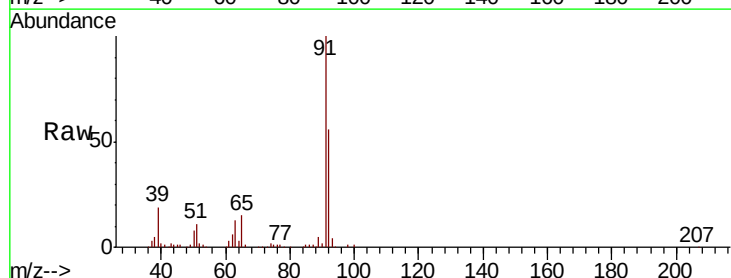
Ion Ratio Lower Upper

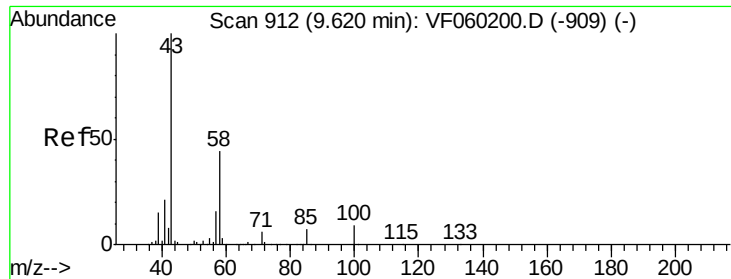
63 100

106

0.0

0.0





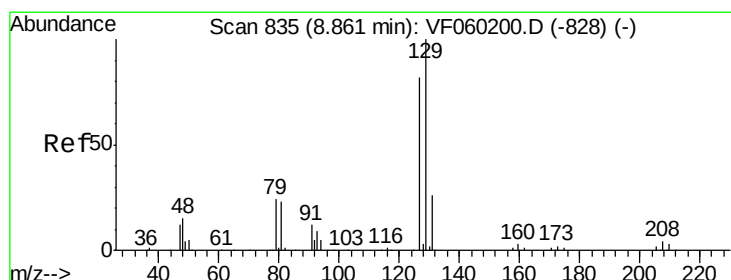
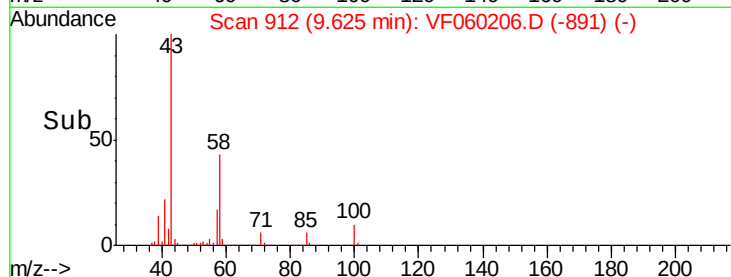
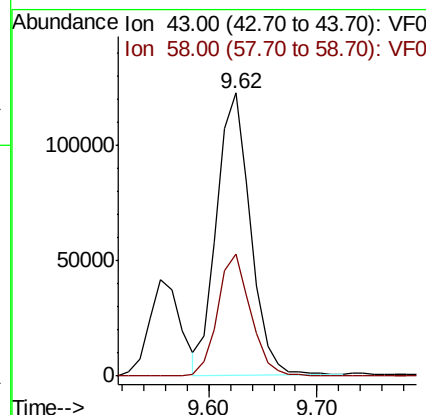
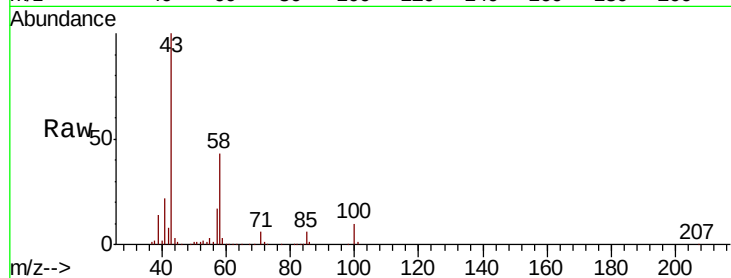
#59
2-Hexanone
Concen: 299.32 ug/l
RT: 9.62 min Scan# 912
Delta R.T. 0.01 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.1	20.8	62.5

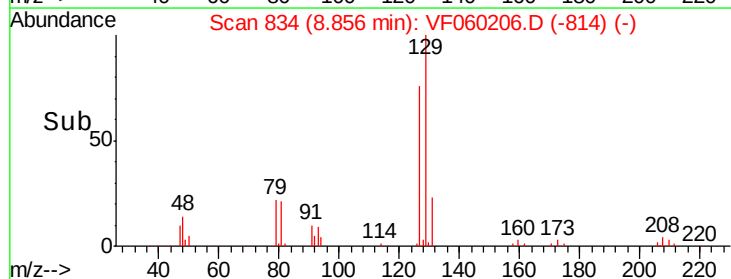
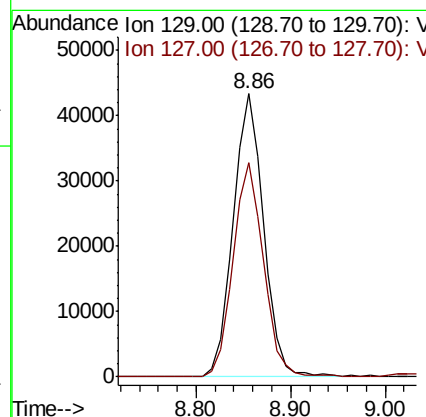
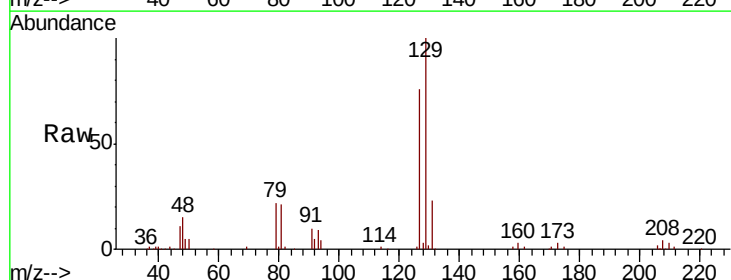
Manual Integrations
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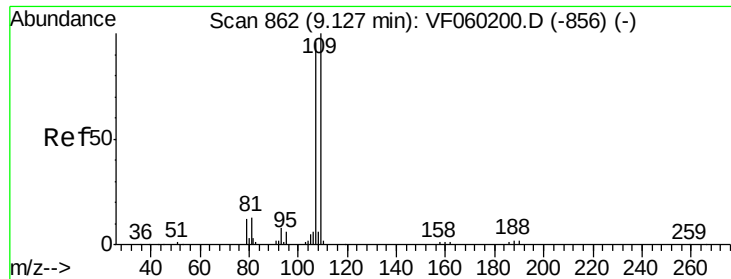
apatel
9/10/2018 12:23:16 PM



#60
Dibromochloromethane
Concen: 50.39 ug/l
RT: 8.86 min Scan# 834
Delta R.T. -0.01 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.6	40.9	122.8





#61

1,2-Dibromoethane

Concen: 51.59 ug/l

RT: 9.13 min Scan# 862

Delta R.T. 0.00 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 71740

Ion Ratio Lower Upper

107 100

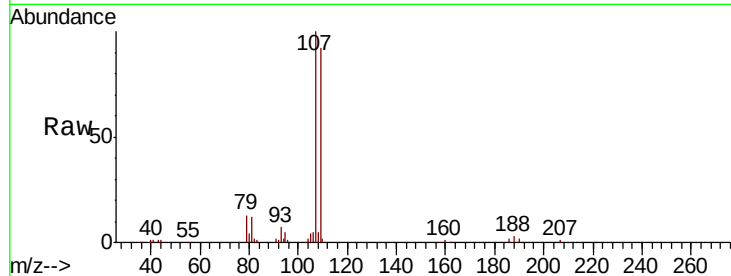
109 92.1 83.0 124.4

Manual Integrations

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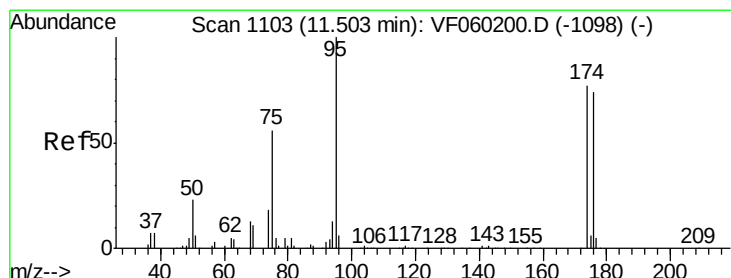
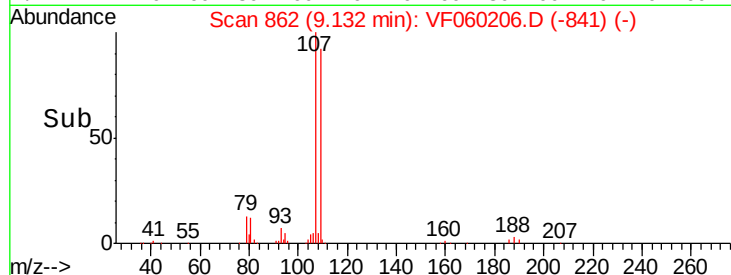
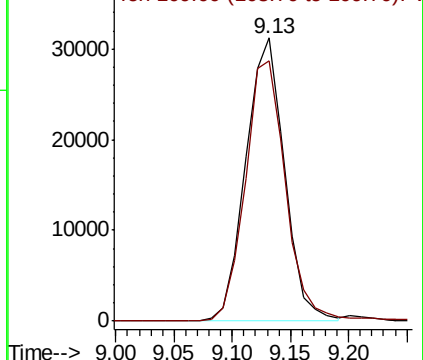
apatel

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Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 53.54 ug/l

RT: 11.51 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

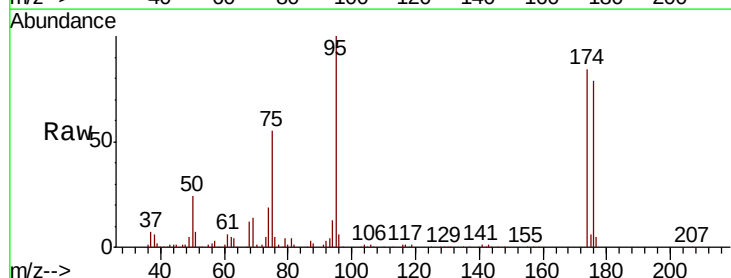
Tgt Ion: 95 Resp: 143353

Ion Ratio Lower Upper

95 100

174 84.0 0.0 153.2

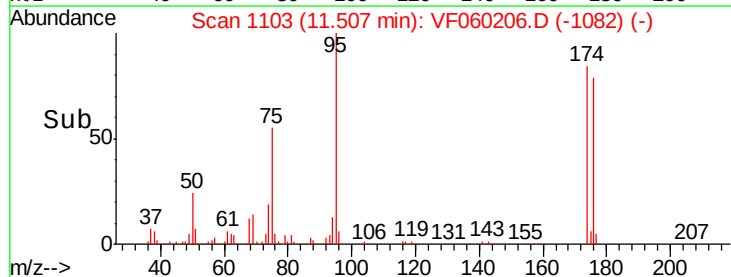
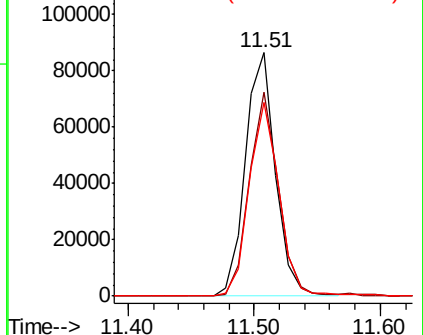
176 79.3 0.0 147.2

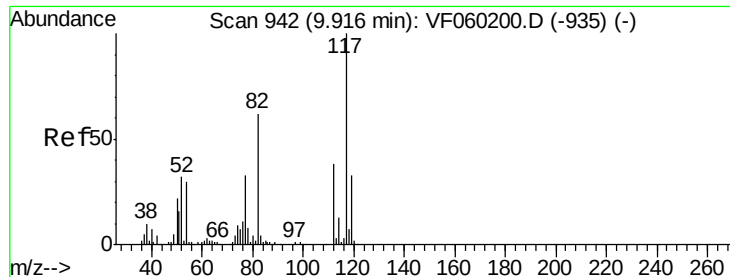


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





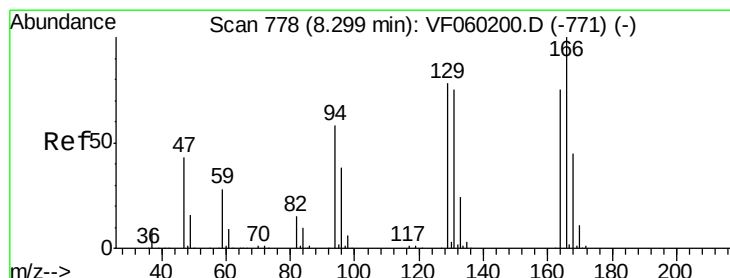
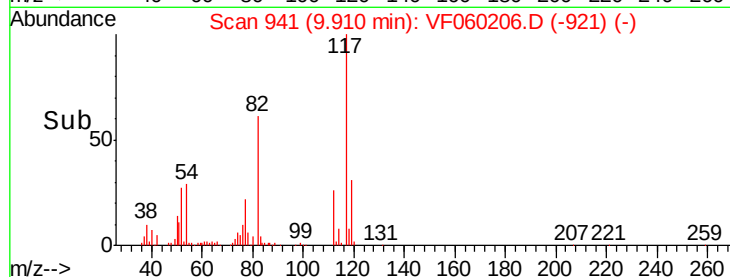
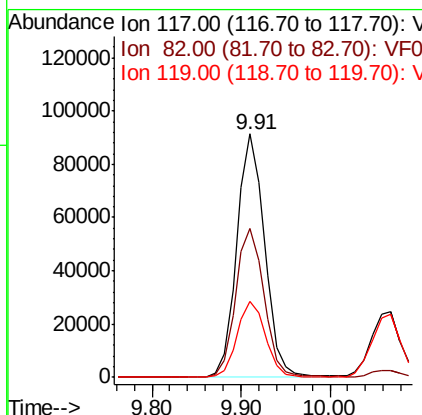
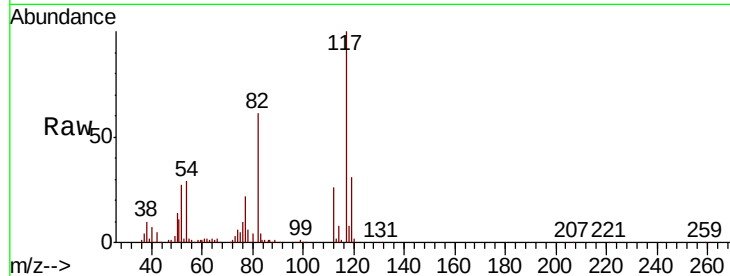
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.3	49.3	73.9
119	31.1	26.5	39.7

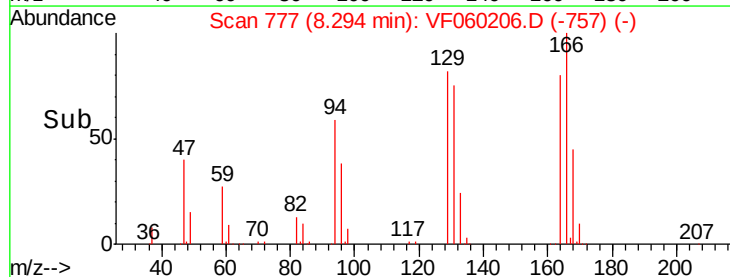
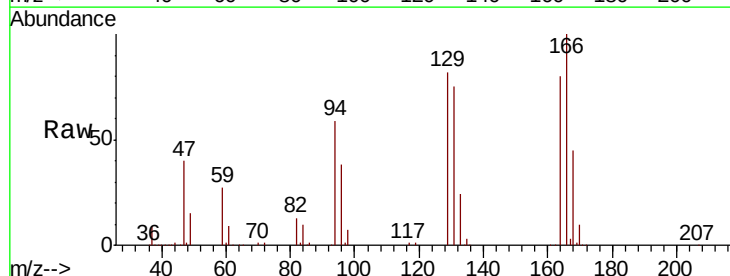
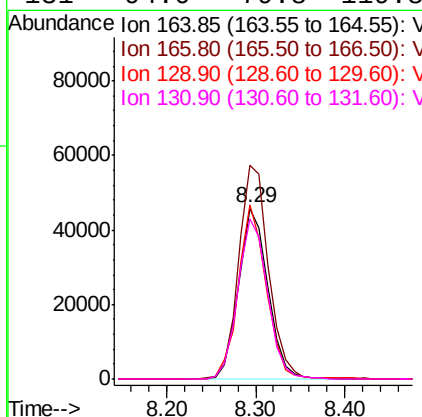
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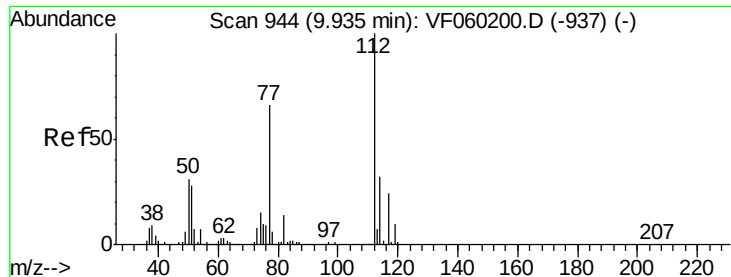
apatel
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#64
Tetrachloroethene
Concen: 51.59 ug/l
RT: 8.29 min Scan# 777
Delta R.T. -0.00 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	107.0	160.4
129	102.3	83.0	124.6
131	94.0	79.8	119.8





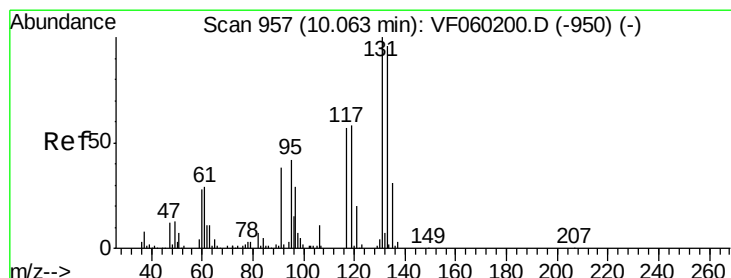
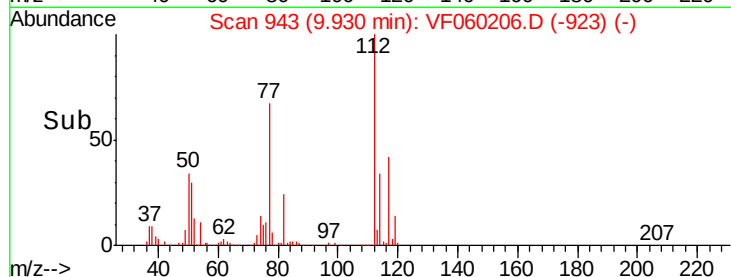
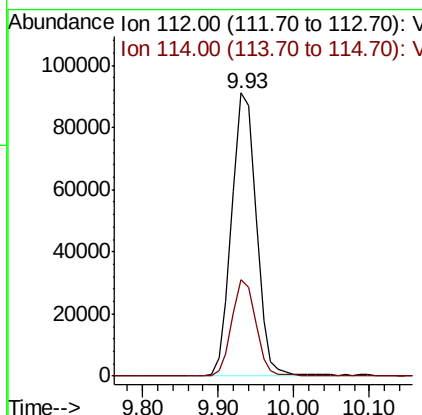
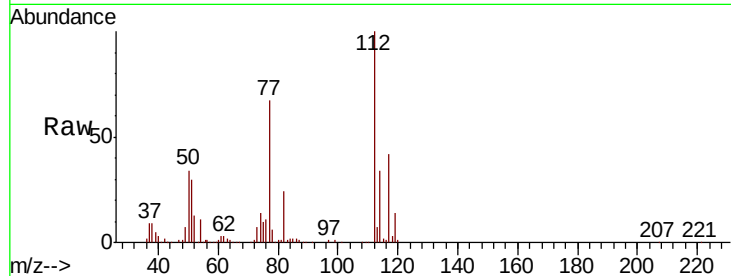
#65
Chlorobenzene
Concen: 50.04 ug/l
RT: 9.93 min Scan# 943
Delta R.T. -0.01 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	34.1	25.7	38.5

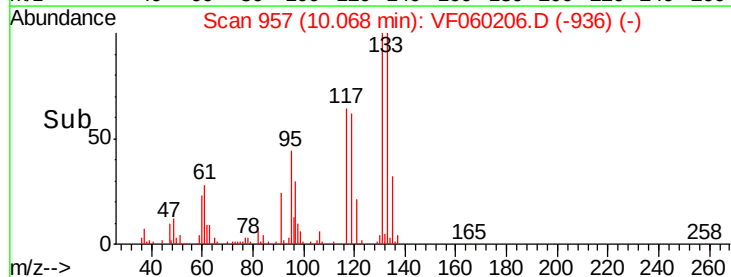
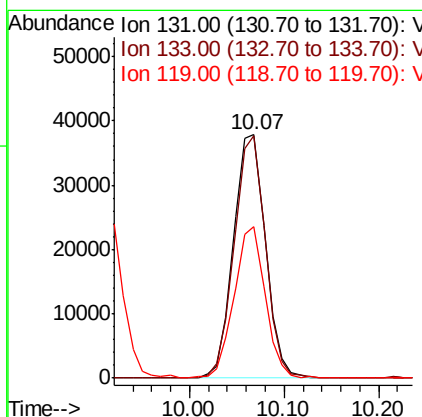
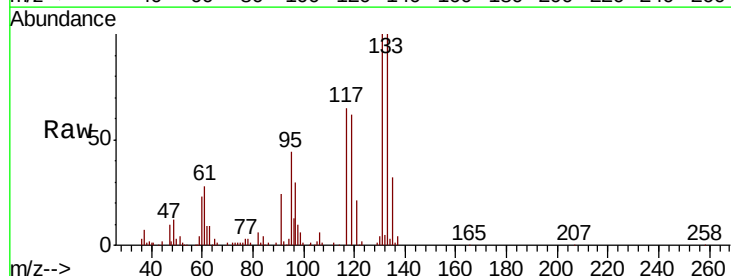
Manual Integrations
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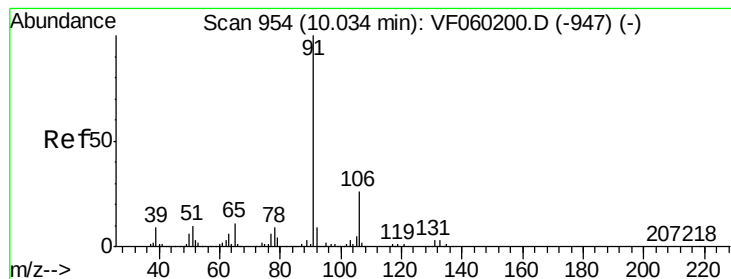
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.77 ug/l
RT: 10.07 min Scan# 957
Delta R.T. 0.00 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	99.7	47.9	143.8
119	62.4	29.0	87.0





#67

Ethyl Benzene

Concen: 49.85 ug/l

RT: 10.03 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 383070

Ion Ratio Lower Upper

91 100

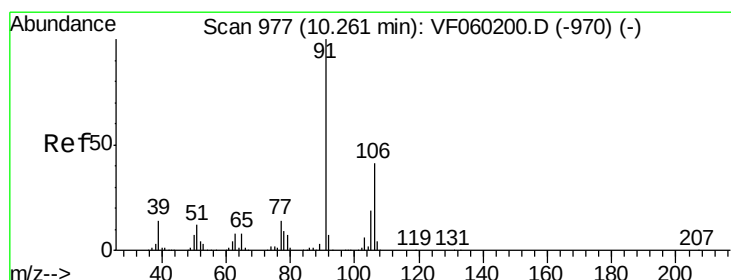
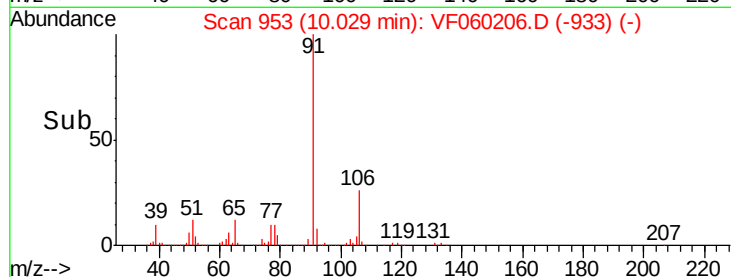
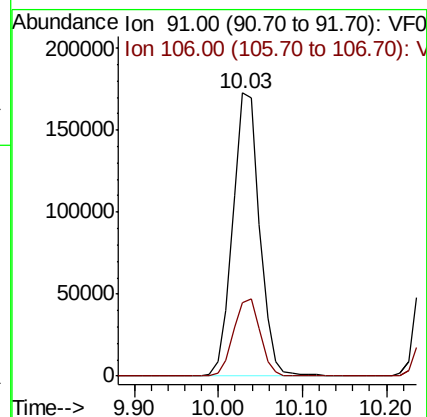
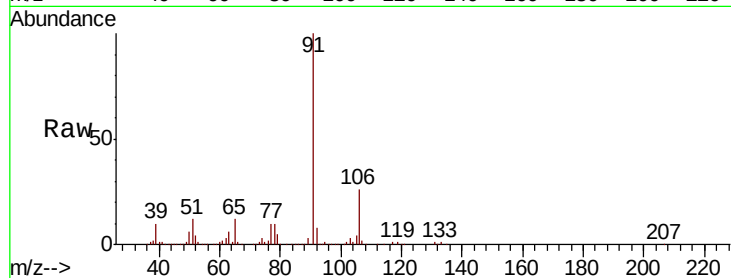
106 25.9 21.1 31.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 100.68 ug/l

RT: 10.27 min Scan# 977

Delta R.T. 0.00 min

Lab File: VF060206.D

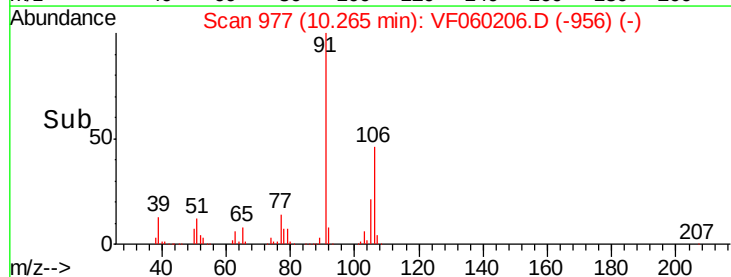
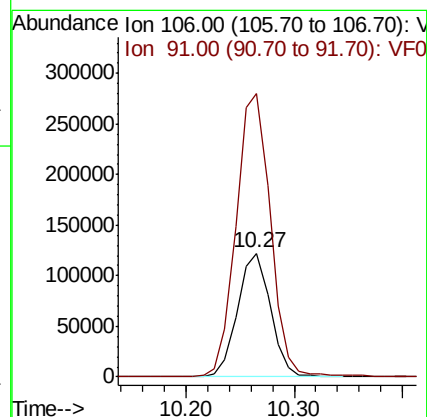
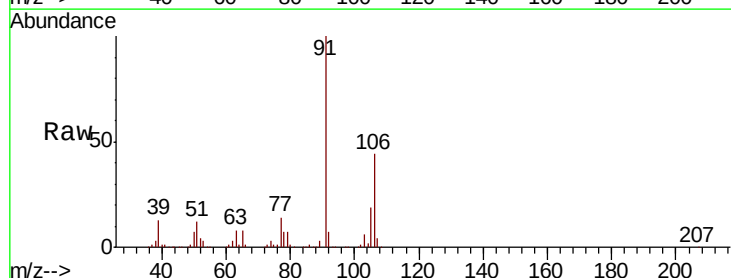
Acq: 7 Sep 2018 11:26

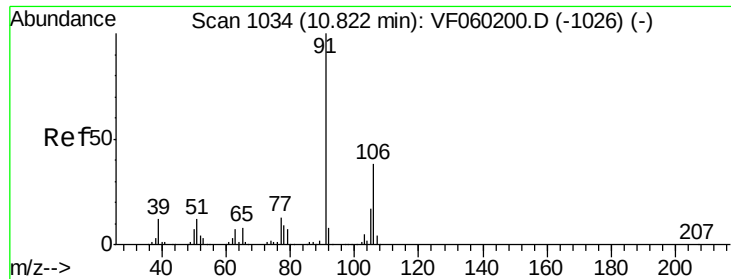
Tgt Ion: 106 Resp: 259592

Ion Ratio Lower Upper

106 100

91 229.3 194.6 291.8





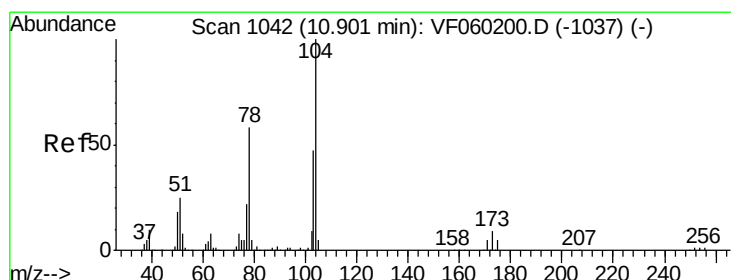
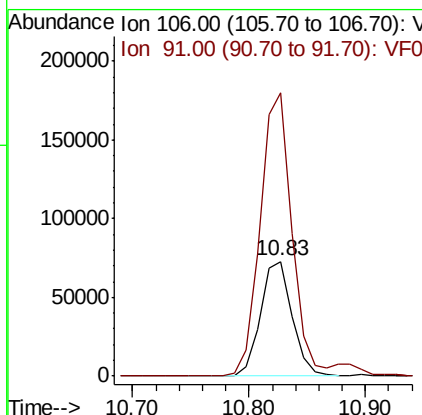
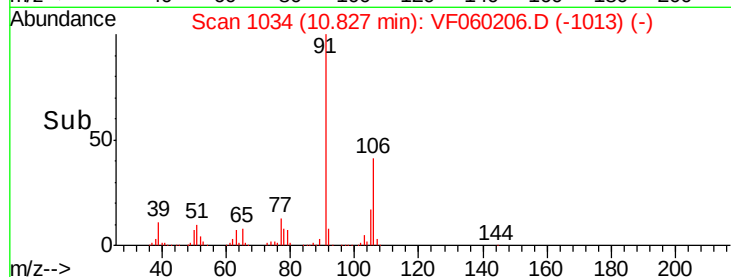
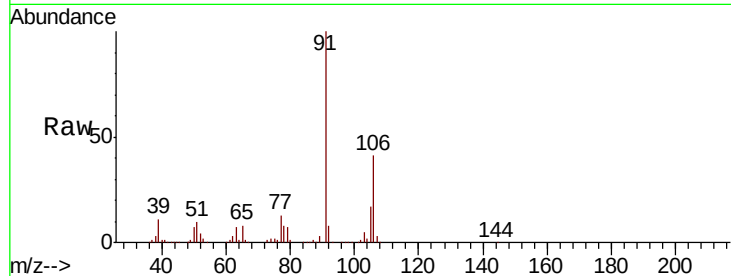
#69
o-Xylene
Concen: 49.61 ug/l
RT: 10.83 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		136459		
91	246.1	130.5	391.5		

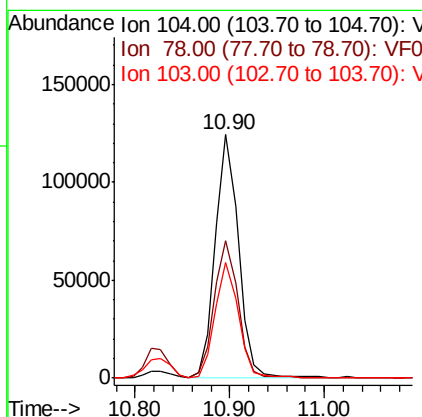
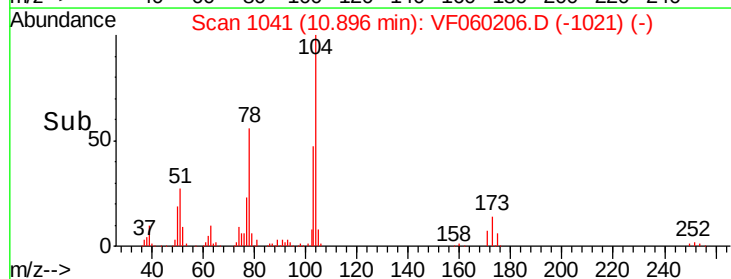
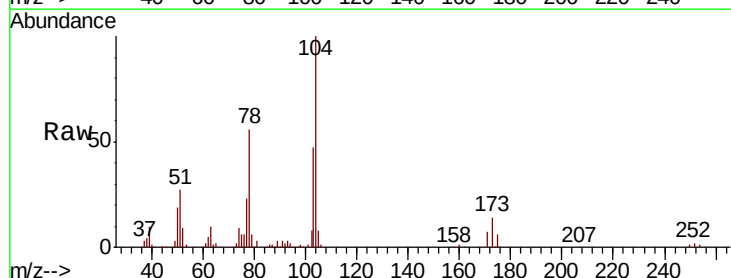
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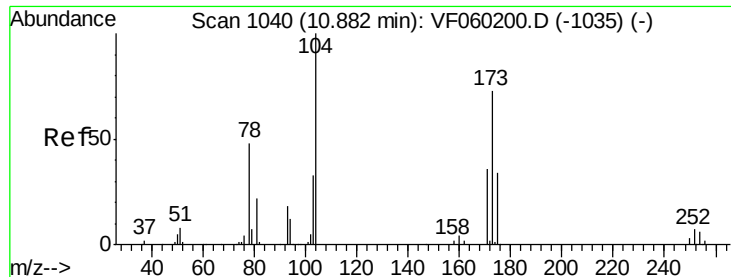
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#70
Styrene
Concen: 50.87 ug/l
RT: 10.90 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		212069		
78	56.5	47.1	70.7		
103	47.4	38.6	57.8		





#71

Bromoform

Concen: 52.42 ug/l

RT: 10.89 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

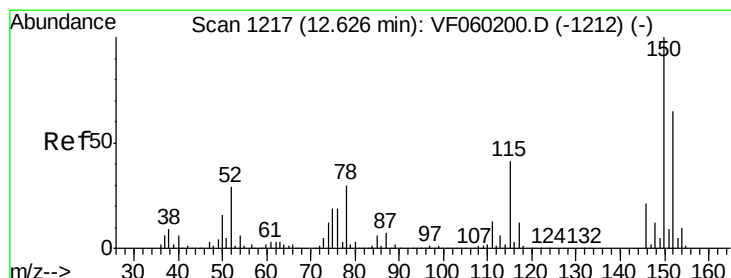
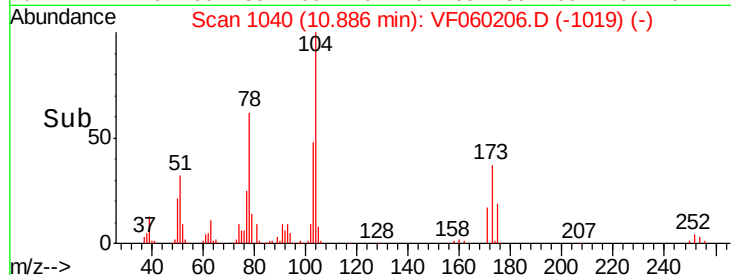
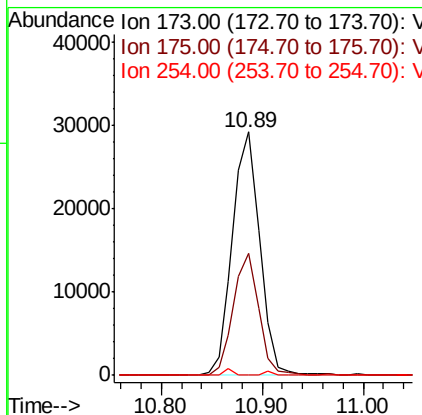
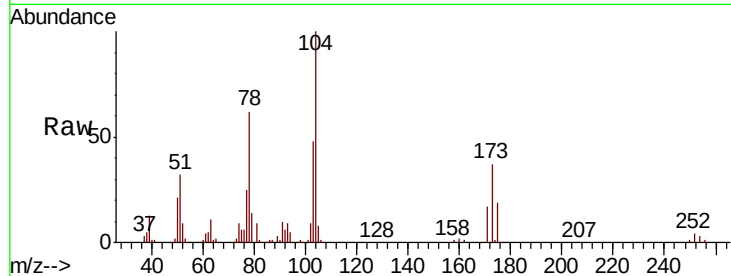
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	23.1	69.3
254	0.0	0.2	0.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

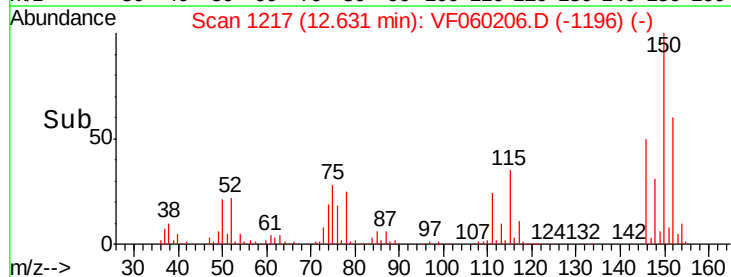
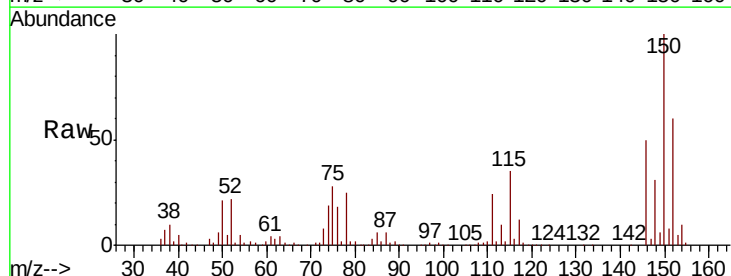
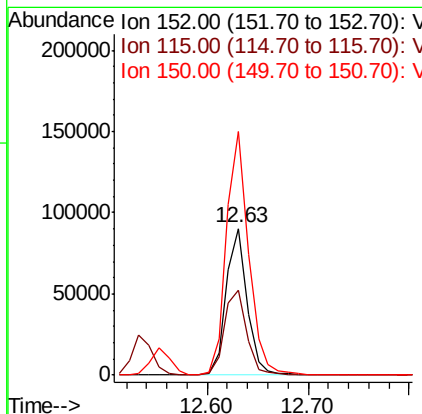
RT: 12.63 min Scan# 1217

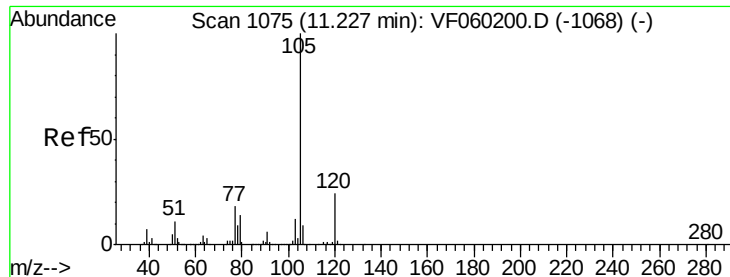
Delta R.T. 0.00 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	31.5	94.5
150	166.1	0.0	310.4





#73

Isopropylbenzene

Concen: 49.45 ug/l

RT: 11.22 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 448010

Ion Ratio Lower Upper

105 100

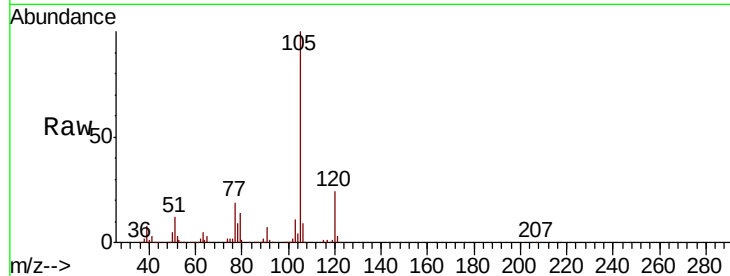
120 23.8 11.8 35.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

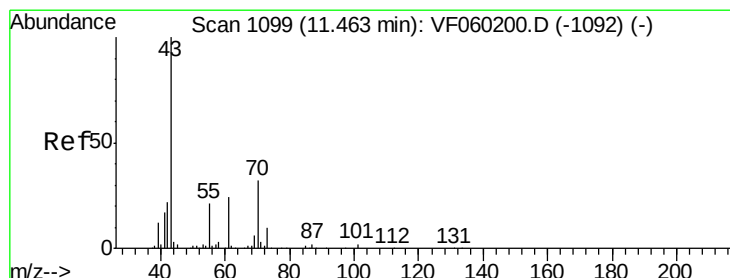
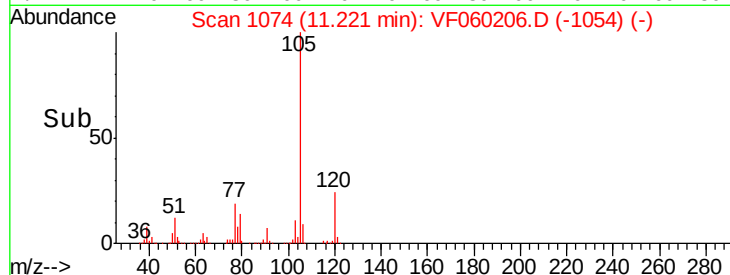
150000

100000

50000

0

Time--> 11.10 11.20 11.30 11.40



#74

N-ethyl acetate

Concen: 56.30 ug/l

RT: 11.46 min Scan# 1098

Delta R.T. -0.01 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Tgt Ion: 43 Resp: 102759

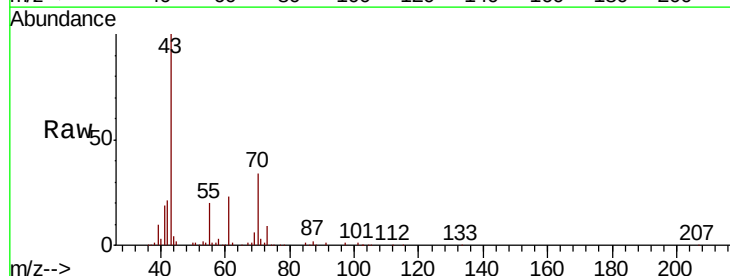
Ion Ratio Lower Upper

43 100

70 33.6 25.8 38.6

55 20.3 16.8 25.2

61 23.4 18.9 28.3



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

100000

80000

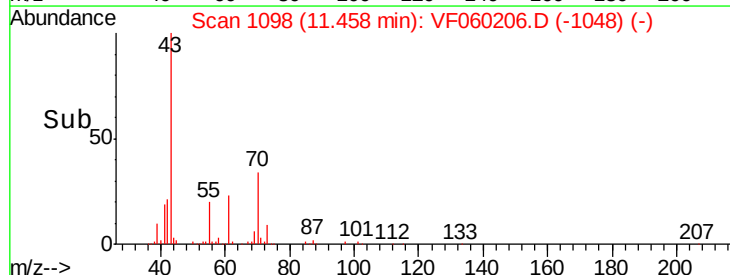
60000

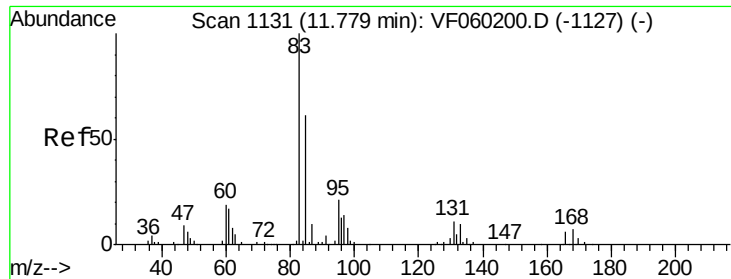
40000

20000

0

Time--> 11.40 11.50 11.60





#75

1,1,2,2-Tetrachloroethane

Concen: 56.01 ug/l

RT: 11.78 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

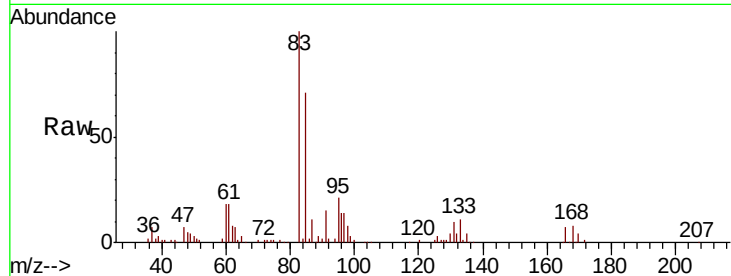
ClientSampleId :

VSTDCCC050

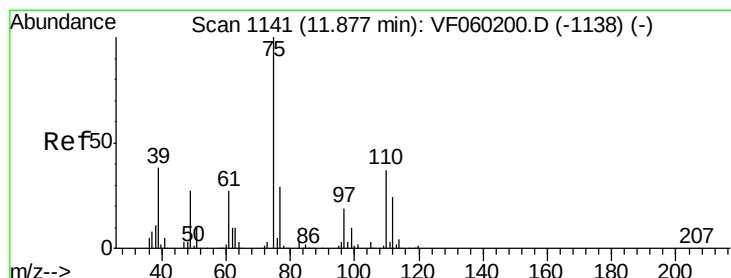
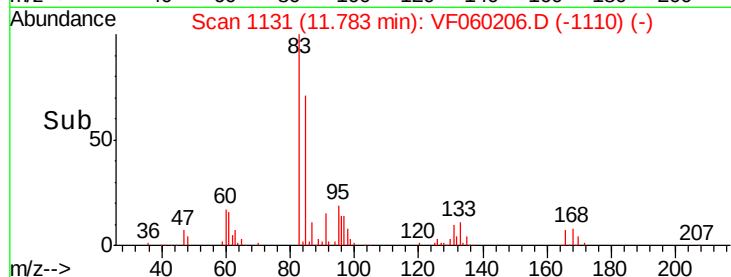
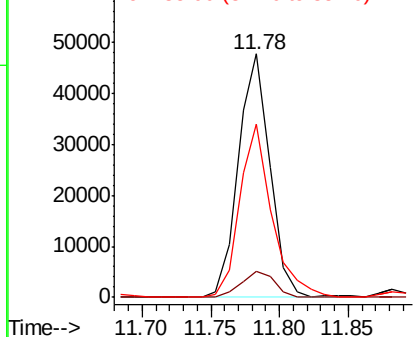
Tot Ion:	83	Resp:	76308
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.5	16.4
85	71.0	31.1	93.5

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Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 50.91 ug/l

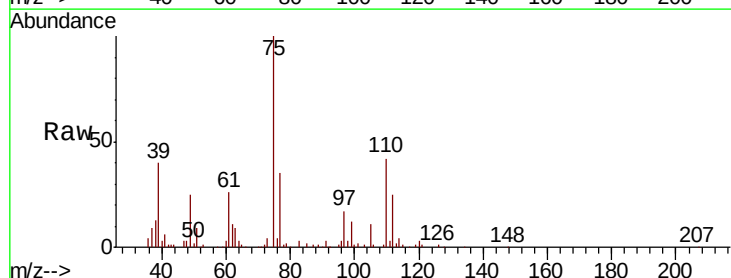
RT: 11.88 min Scan# 1141

Delta R.T. 0.00 min

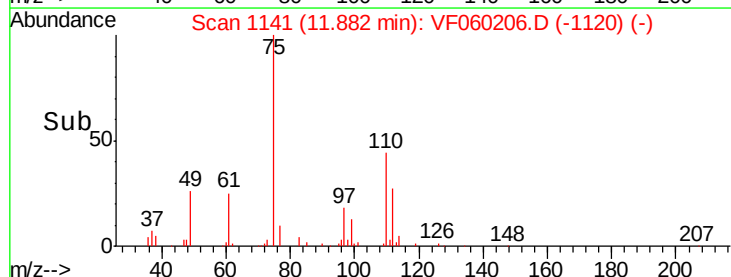
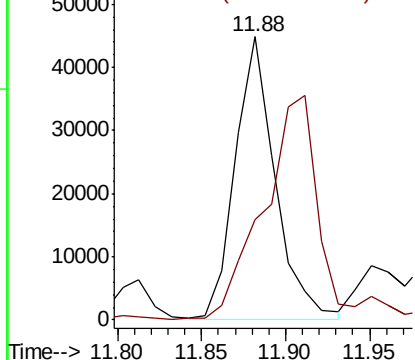
Lab File: VF060206.D

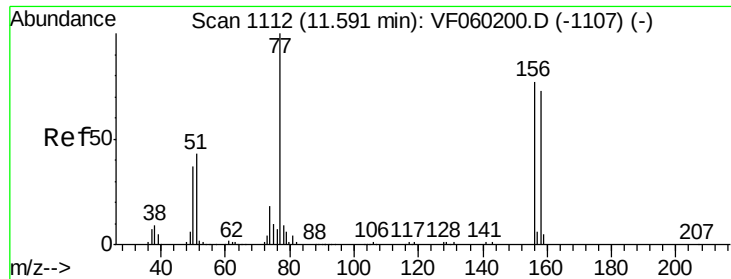
Acq: 7 Sep 2018 11:26

Tgt Ion:	75	Resp:	73501
Ion Ratio	Lower	Upper	
75	100		
77	35.2	14.6	43.8



Abundance Ion 75.00 (74.70 to 75.70): VF0
Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 46.87 ug/l

RT: 11.59 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

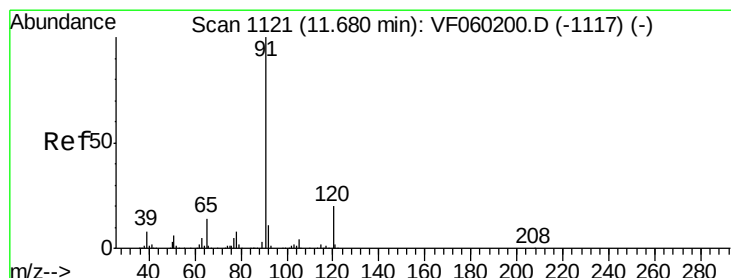
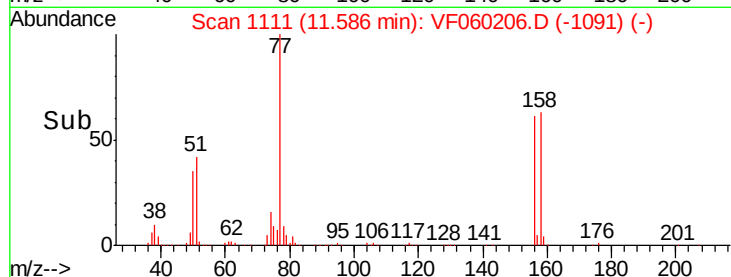
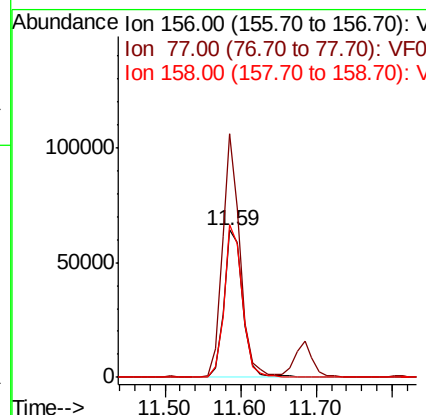
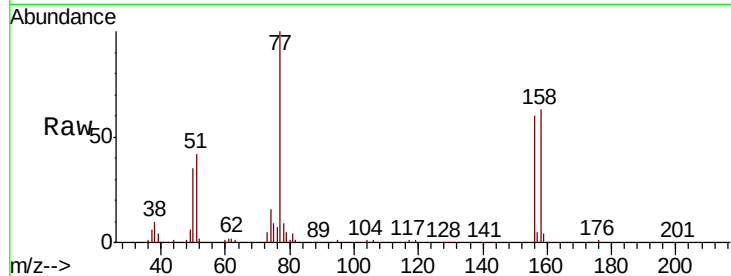
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	165.5	64.8	194.3		
158	104.2	47.3	141.8		

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#78

n-propylbenzene

Concen: 48.13 ug/l

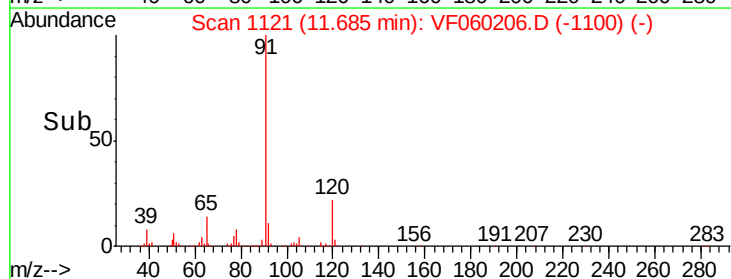
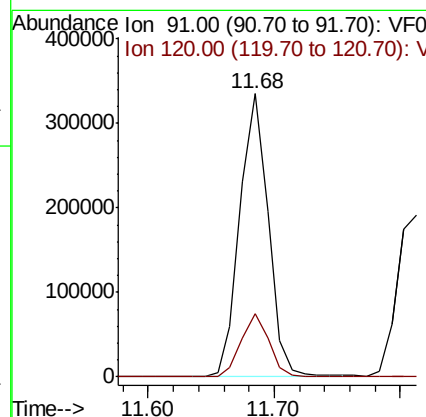
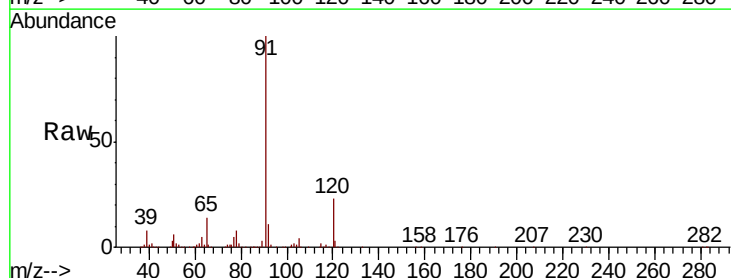
RT: 11.68 min Scan# 1121

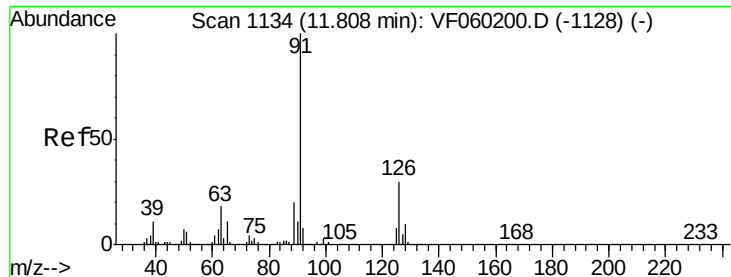
Delta R.T. 0.00 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	22.5	9.8	29.4		





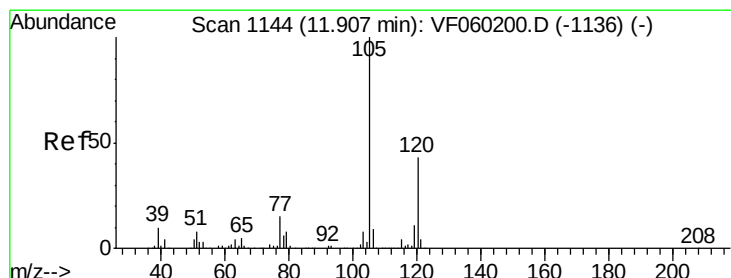
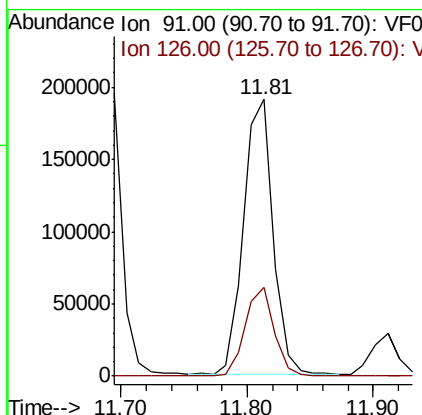
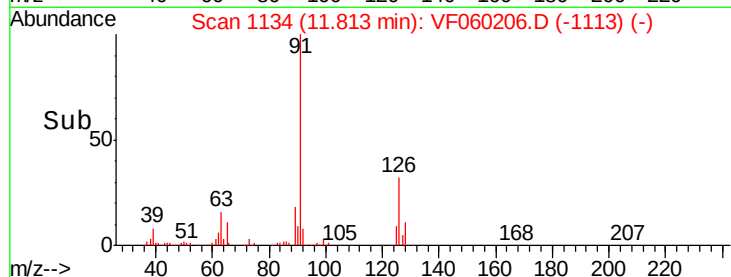
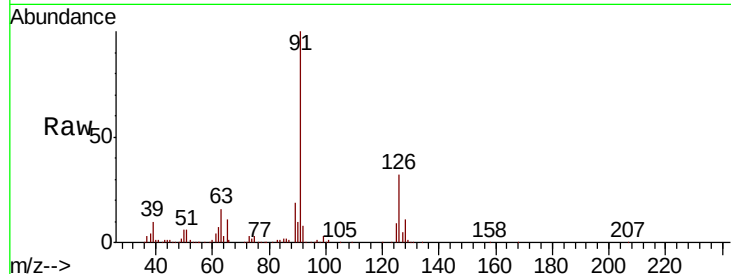
#79
2-Chlorotoluene
Concen: 47.07 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. 0.00 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 308684
Ion Ratio Lower Upper
91 100
126 31.9 15.2 45.5

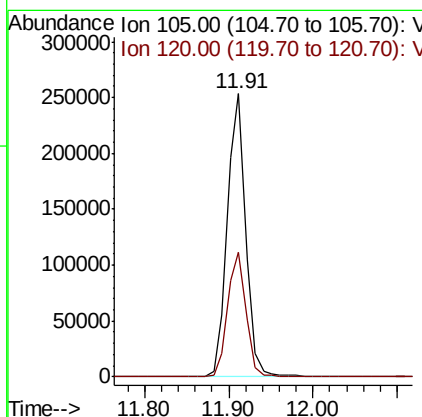
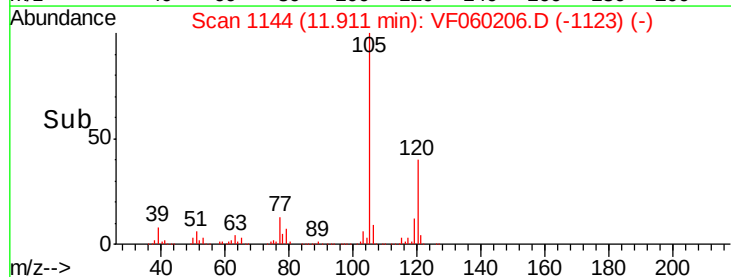
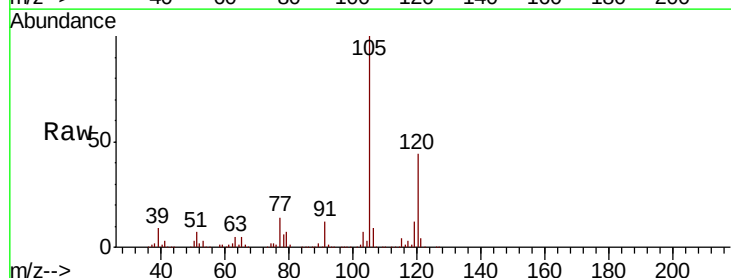
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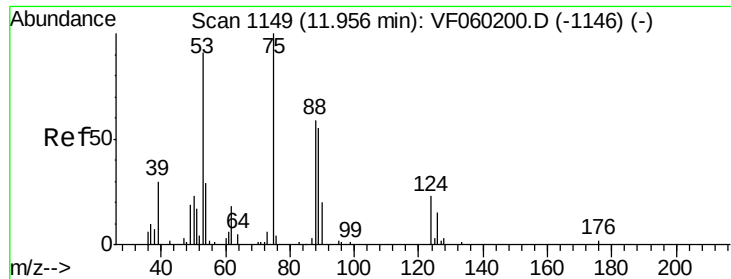
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#80
1,3,5-Trimethylbenzene
Concen: 48.04 ug/l
RT: 11.91 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion: 105 Resp: 384225
Ion Ratio Lower Upper
105 100
120 44.2 21.6 64.8





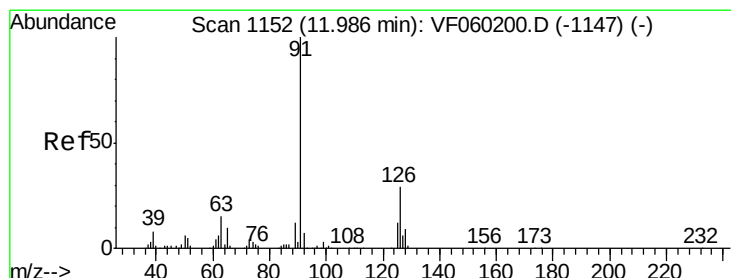
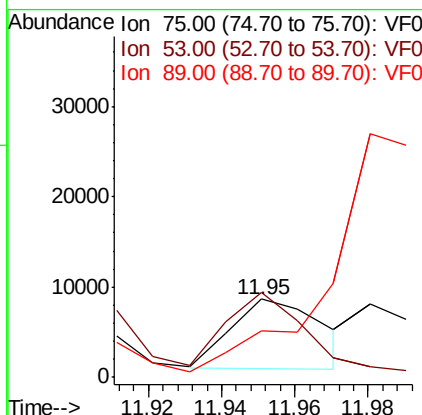
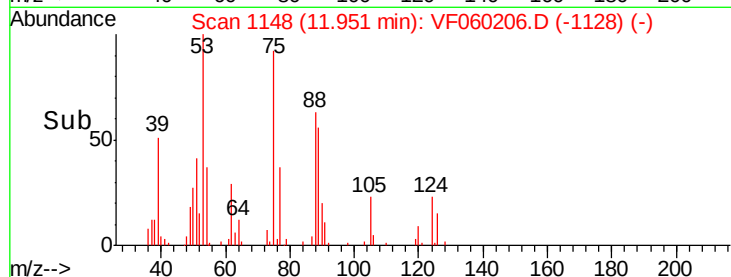
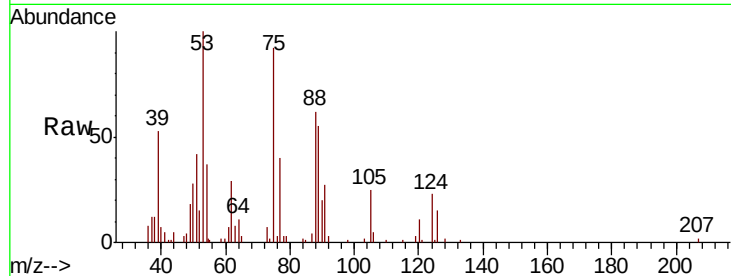
#81
trans-1,4-Dichloro-2-butene
Concen: 40.01 ug/l m
RT: 11.95 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.3	76.5	114.7
89	60.3	46.5	69.7

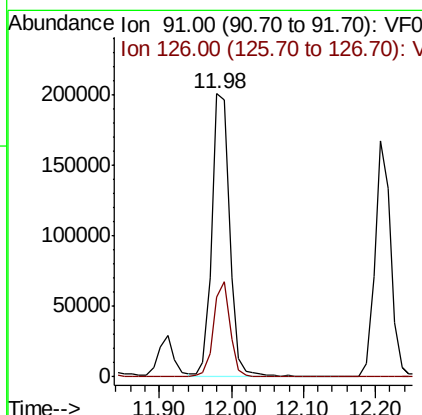
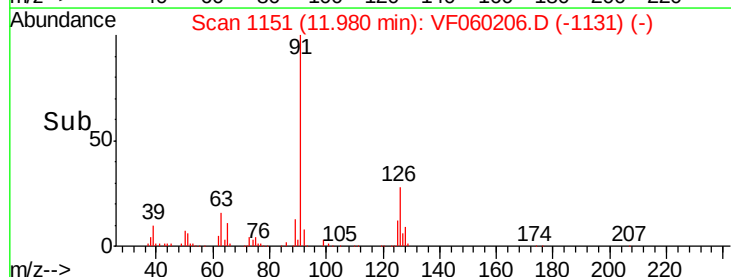
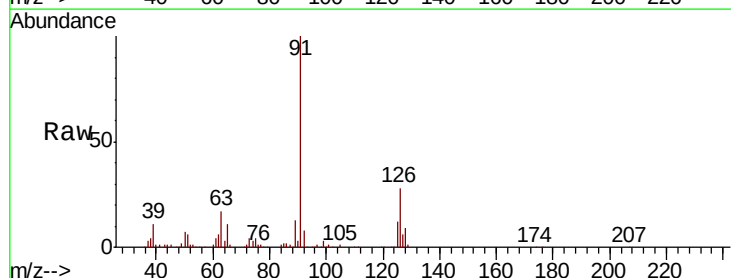
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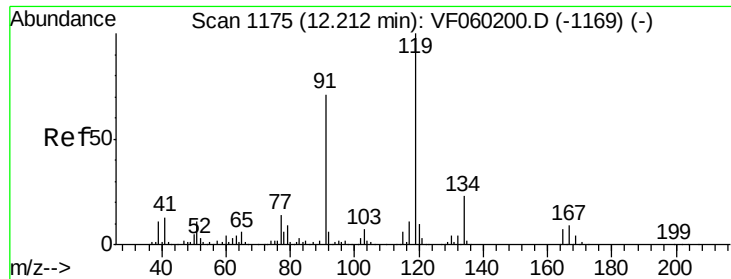
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#82
4-Chlorotoluene
Concen: 46.71 ug/l
RT: 11.98 min Scan# 1151
Delta R.T. -0.01 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.2	14.4	43.4





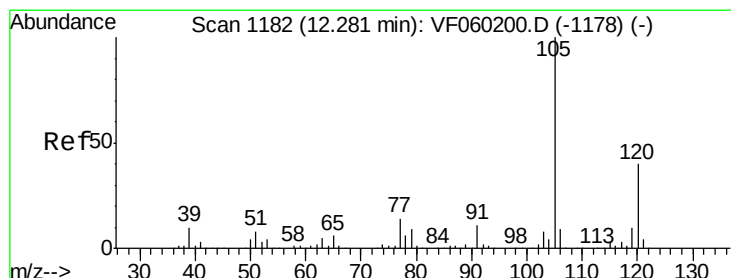
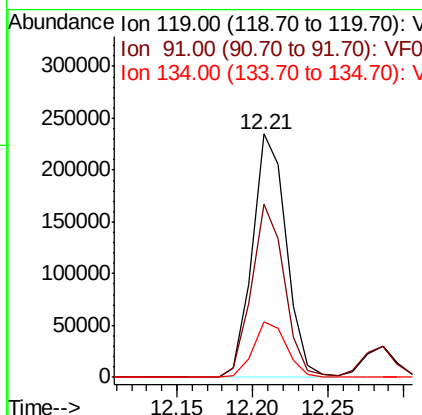
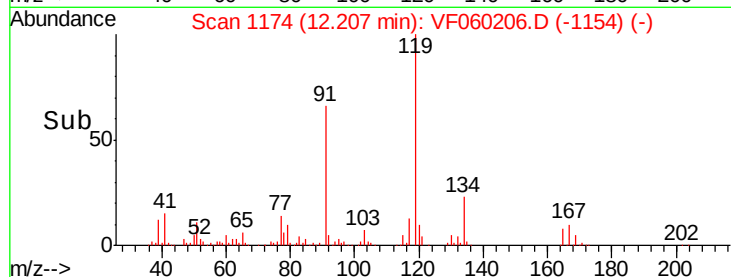
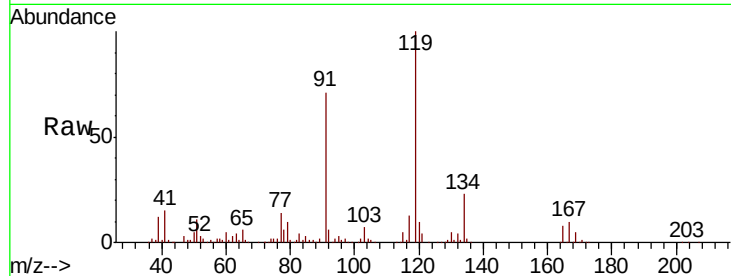
#83
 tert-Butylbenzene
 Concen: 50.53 ug/l
 RT: 12.21 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VF060206.D
 Acq: 7 Sep 2018 11:26

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	368271		
91	71.3	35.8	107.4	
134	22.7	11.6	34.7	

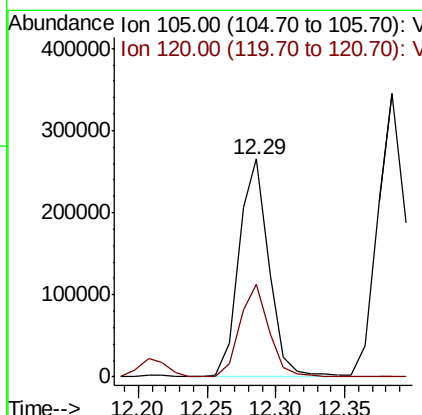
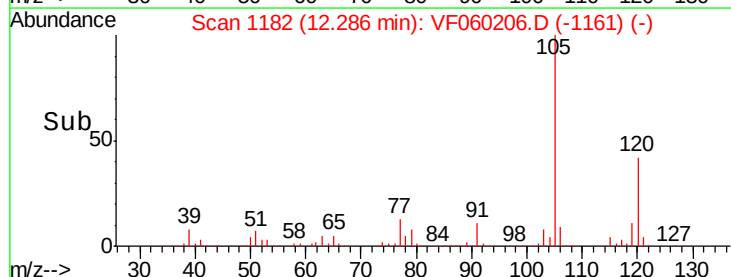
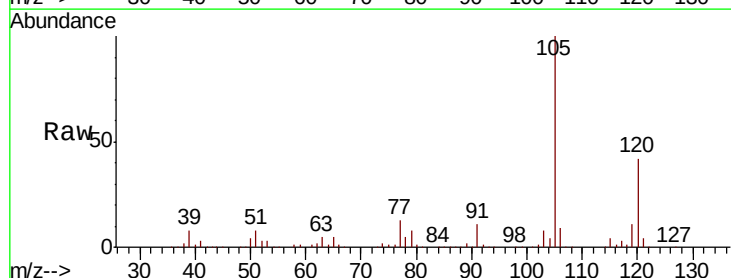
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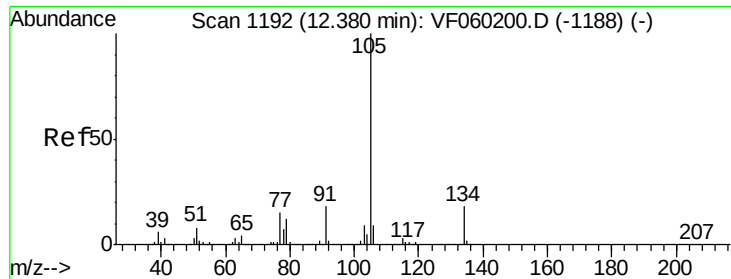
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.46 ug/l
 RT: 12.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VF060206.D
 Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	401811		
120	42.3	20.2	60.5	





#85

sec-Butylbenzene

Concen: 49.26 ug/l

RT: 12.38 min Scan# 1192

Delta R.T. 0.00 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 495180

Ion Ratio Lower Upper

105 100

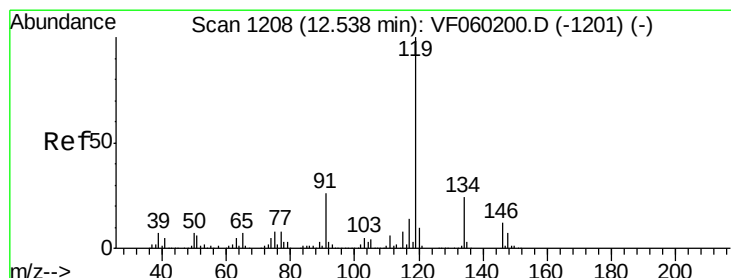
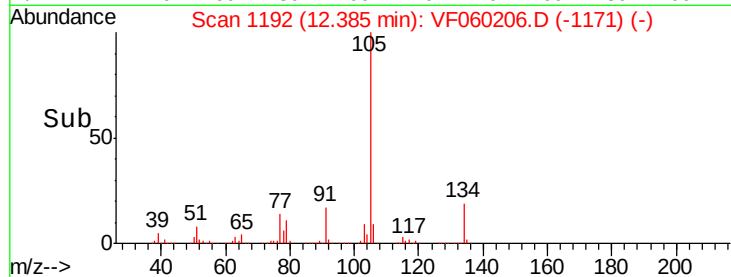
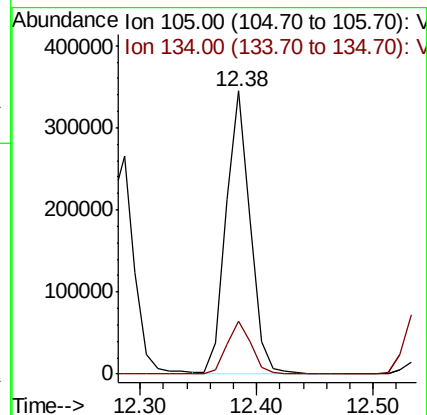
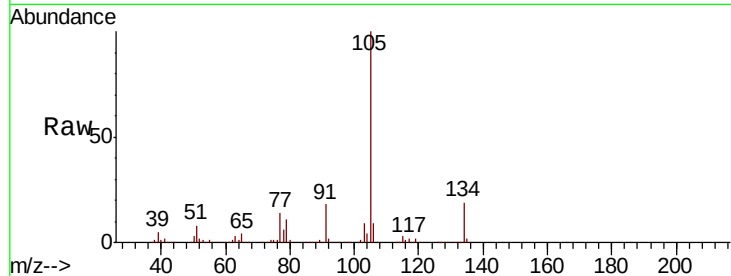
134 18.6 8.8 26.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.53 ug/l

RT: 12.53 min Scan# 1207

Delta R.T. -0.01 min

Lab File: VF060206.D

Acq: 7 Sep 2018 11:26

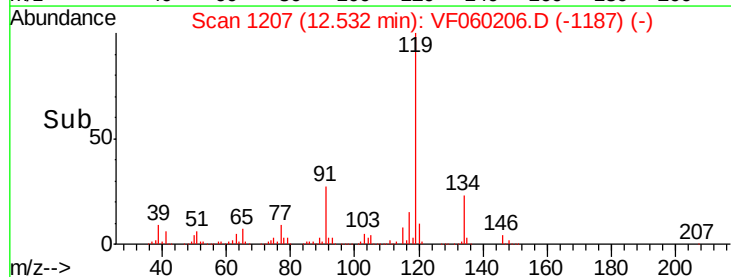
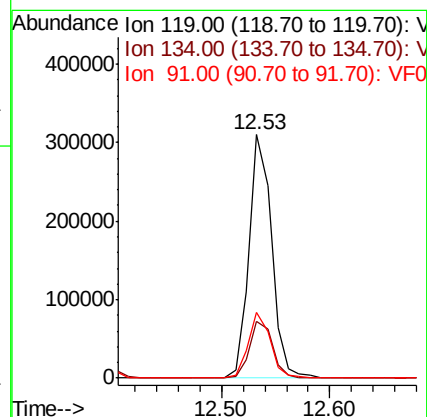
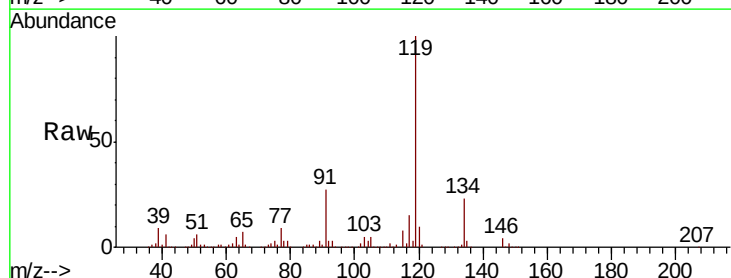
Tgt Ion:119 Resp: 451090

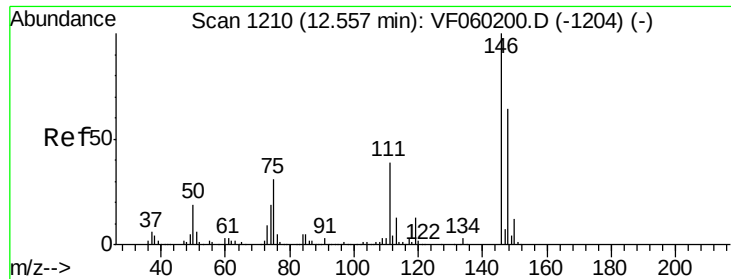
Ion Ratio Lower Upper

119 100

134 23.1 12.0 36.0

91 27.2 12.9 38.7





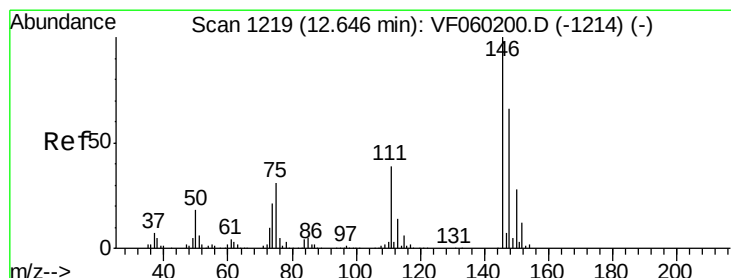
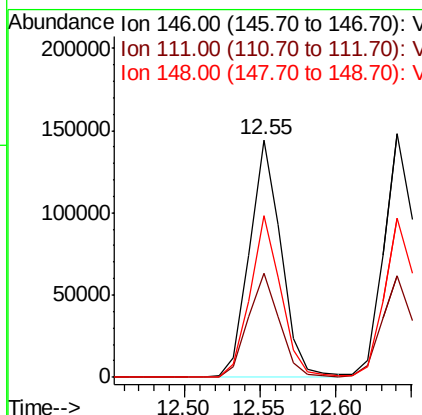
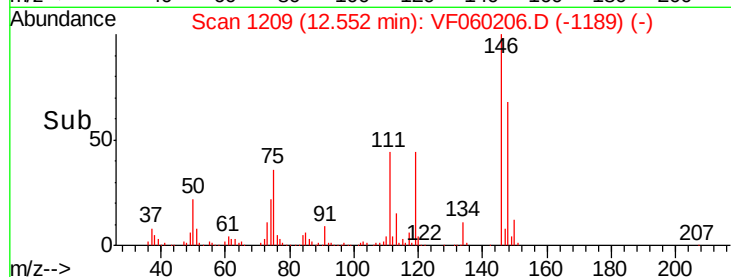
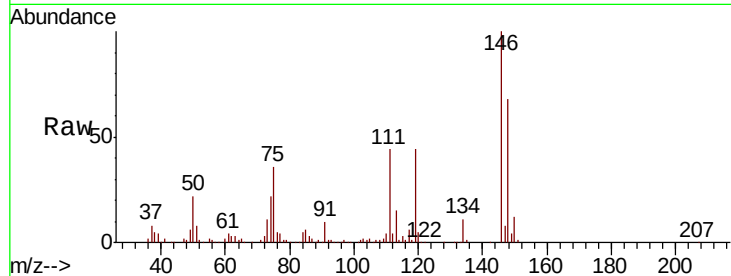
#87
 1,3-Dichlorobenzene
 Concen: 48.77 ug/l
 RT: 12.55 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: VF060206.D
 Acq: 7 Sep 2018 11:26

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	19.7	59.1
148	68.4	32.0	96.0

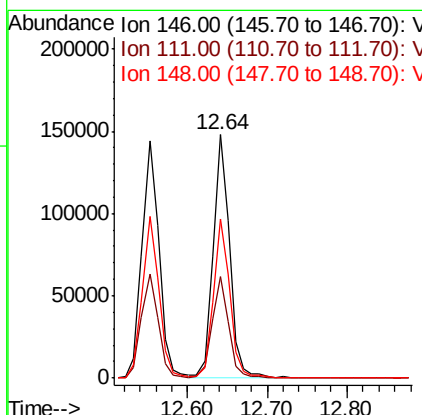
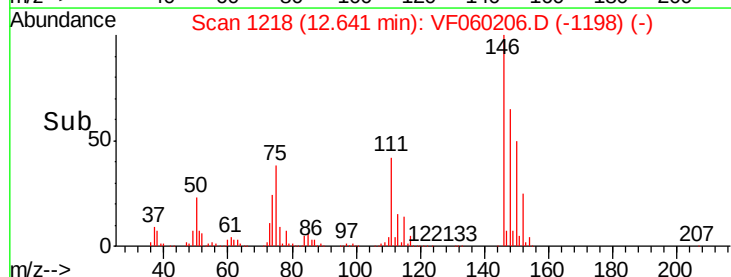
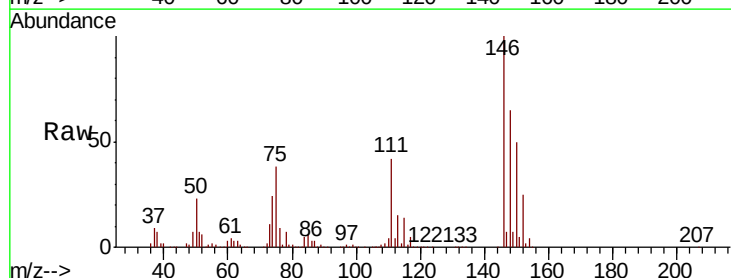
Manual Integrations
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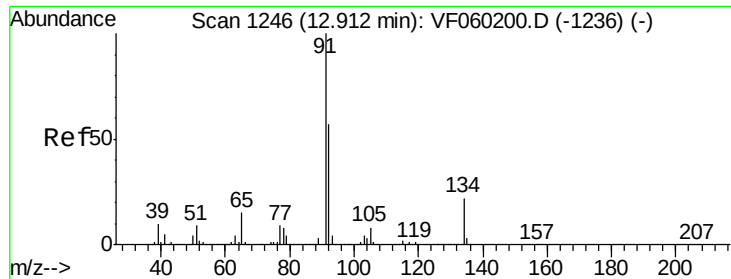
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#88
 1,4-Dichlorobenzene
 Concen: 50.27 ug/l
 RT: 12.64 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VF060206.D
 Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	19.7	59.1
148	65.3	33.1	99.5





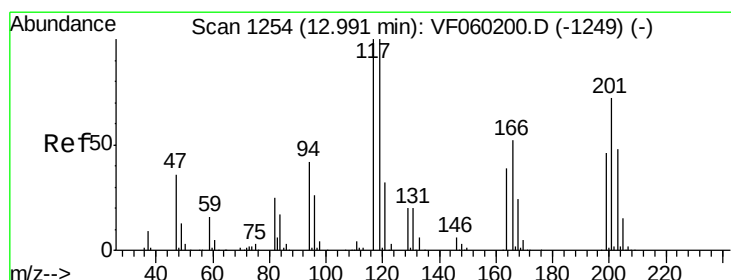
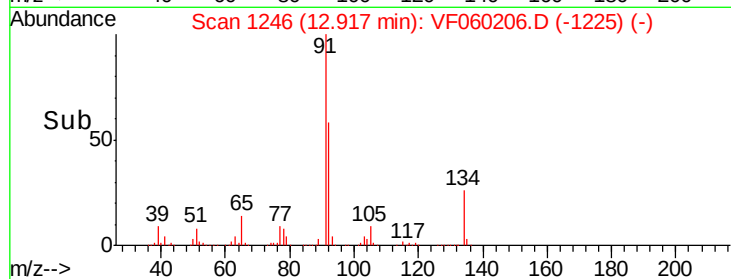
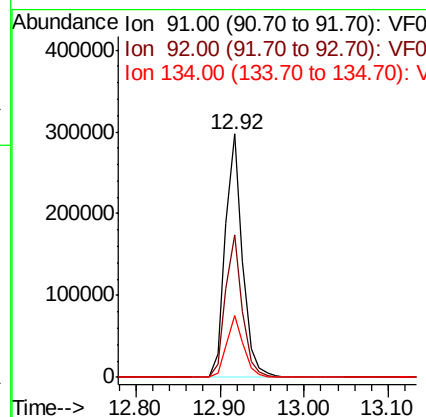
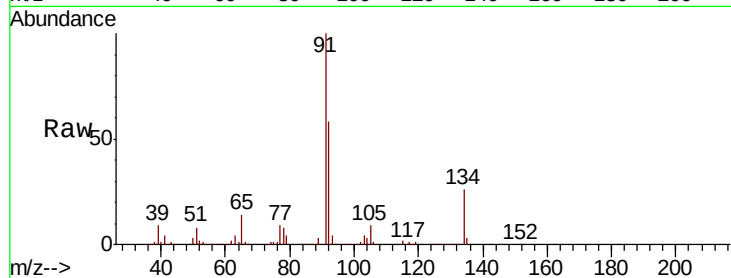
#89
n-Butylbenzene
Concen: 48.66 ug/l
RT: 12.92 min Scan# 1246
Delta R.T. 0.00 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	58.3	28.4	85.3
134	25.5	11.1	33.3

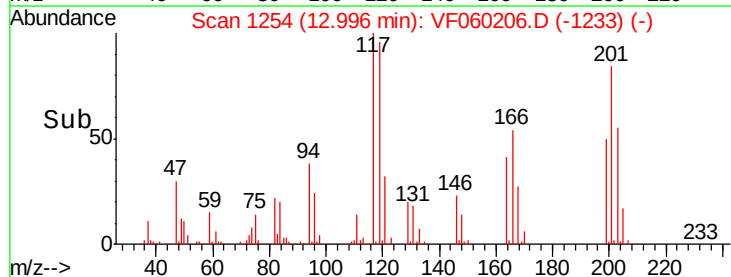
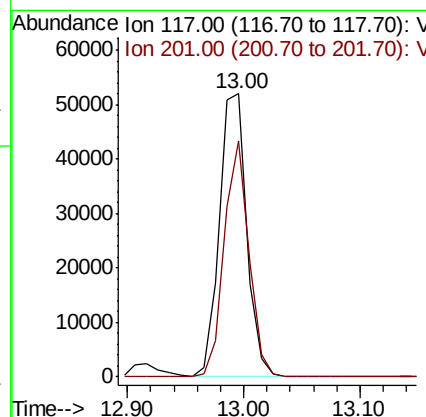
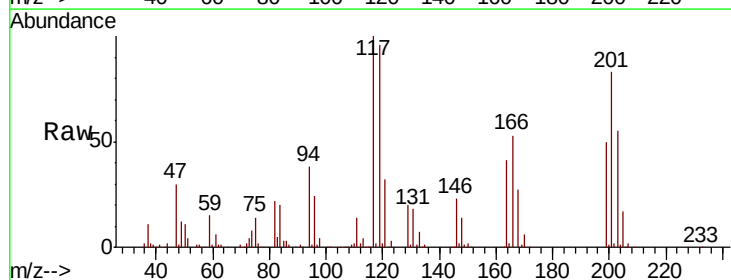
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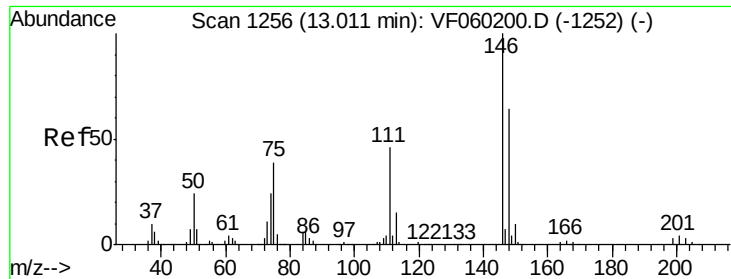
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#90
Hexachloroethane
Concen: 46.80 ug/l
RT: 13.00 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.4	35.7	107.1





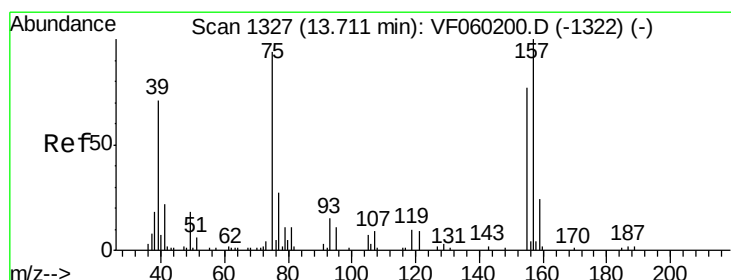
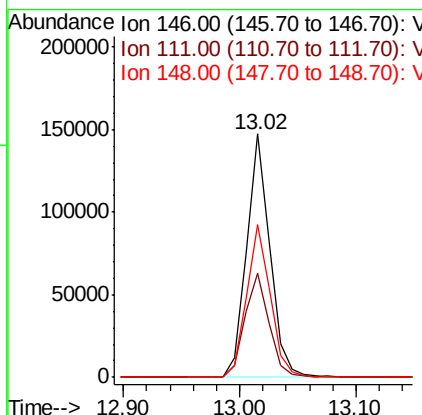
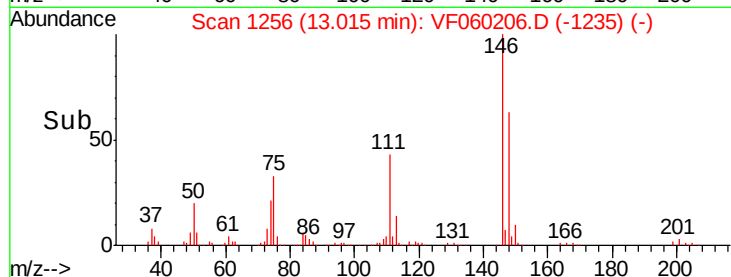
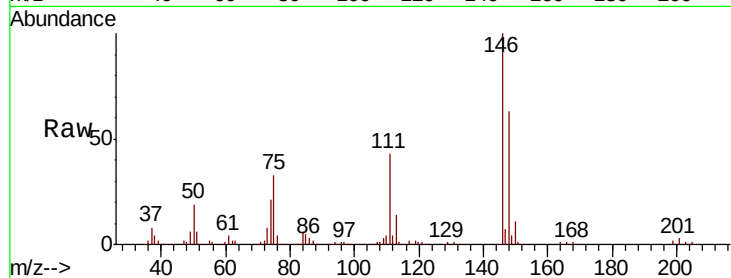
#91
 1,2-Dichlorobenzene
 Concen: 49.70 ug/l
 RT: 13.02 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: VF060206.D
 Acq: 7 Sep 2018 11:26

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	23.0	69.0
148	62.6	32.2	96.6

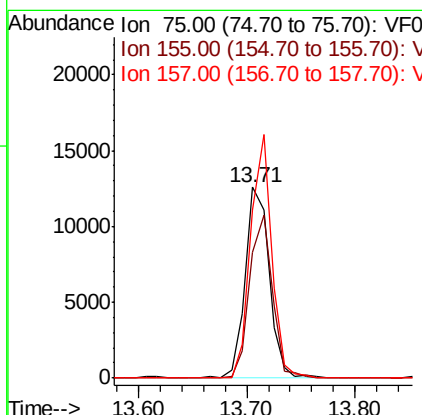
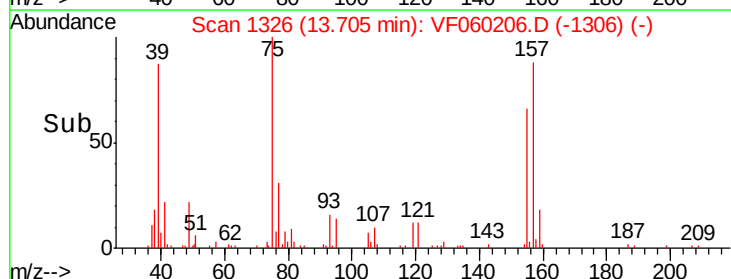
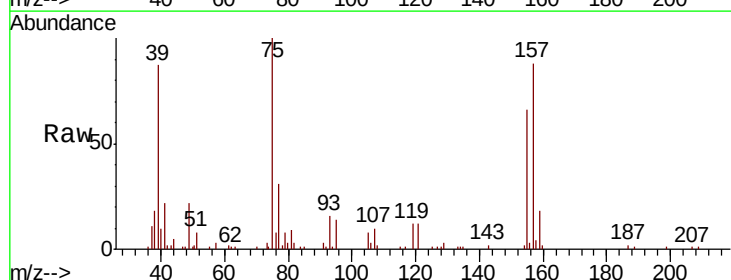
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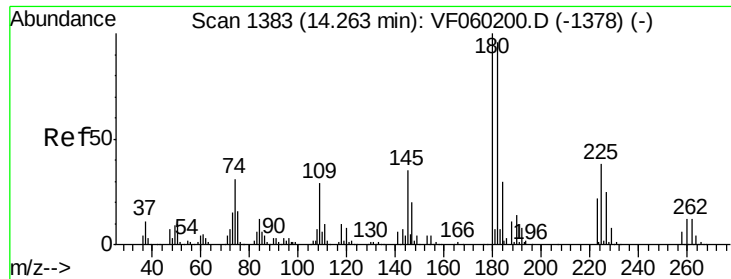
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.02 ug/l
 RT: 13.71 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: VF060206.D
 Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.7	40.8	122.5
157	88.4	53.3	159.9





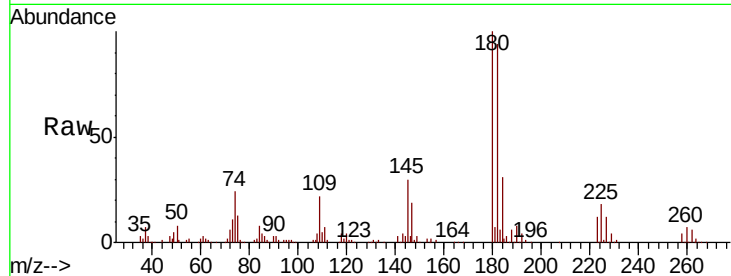
#93
 1,2,4-Trichlorobenzene
 Concen: 49.83 ug/l
 RT: 14.27 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VF060206.D
 Acq: 7 Sep 2018 11:26

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	158523		
182	94.1	48.2	144.6	
145	29.6	17.4	52.2	

Manual Integrations
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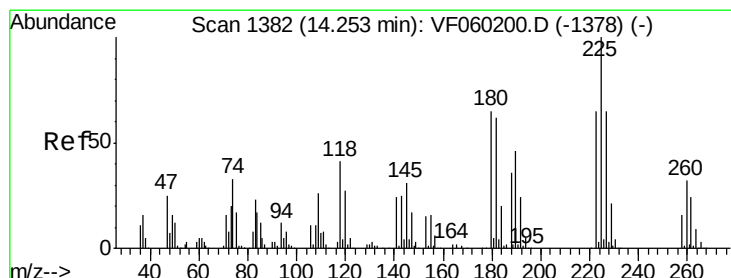
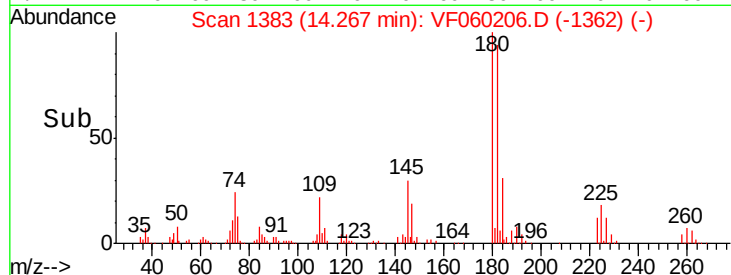
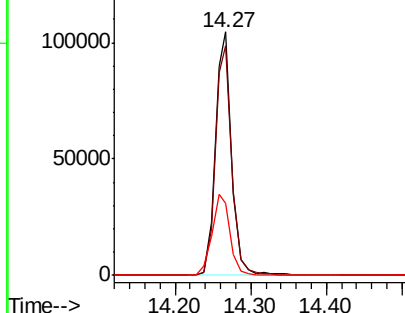


Abundance

Ion 180.00 (179.70 to 180.70): V

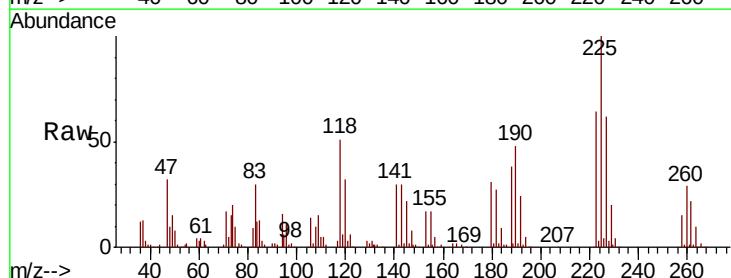
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#94
 Hexachlorobutadiene
 Concen: 48.49 ug/l
 RT: 14.25 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VF060206.D
 Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	109945		
223	64.1	32.3	96.8	
227	62.2	32.4	97.0	

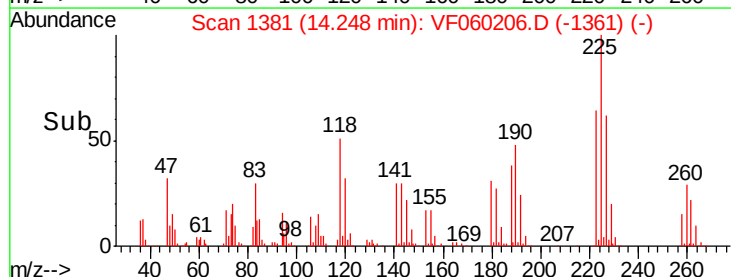
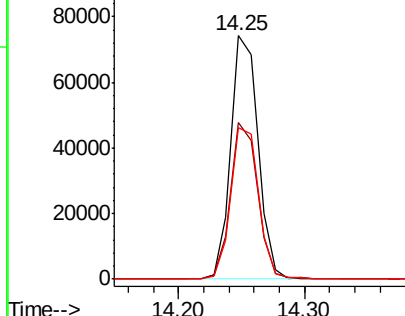


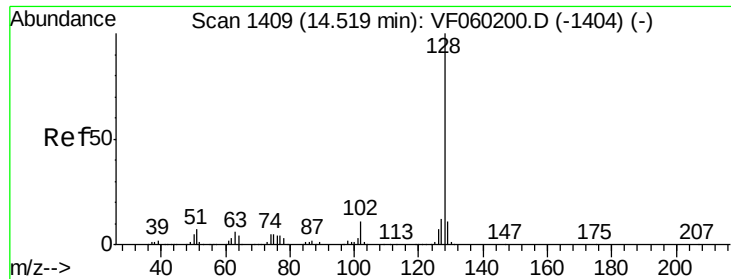
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





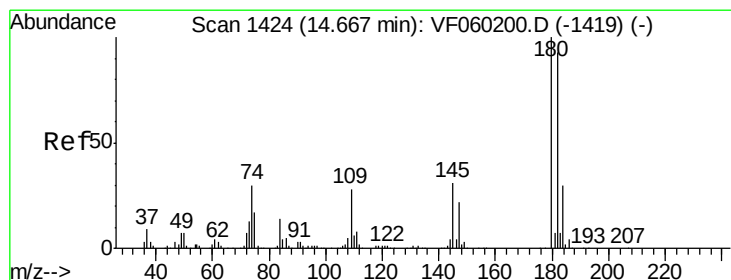
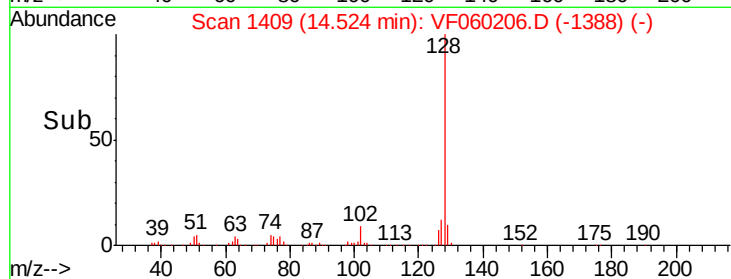
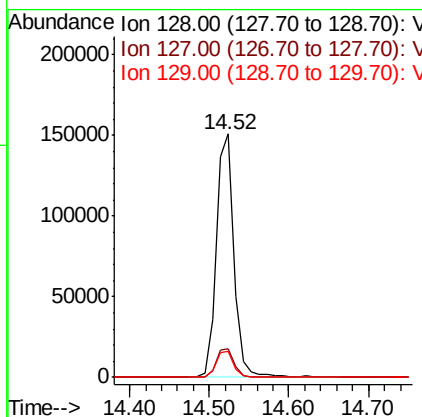
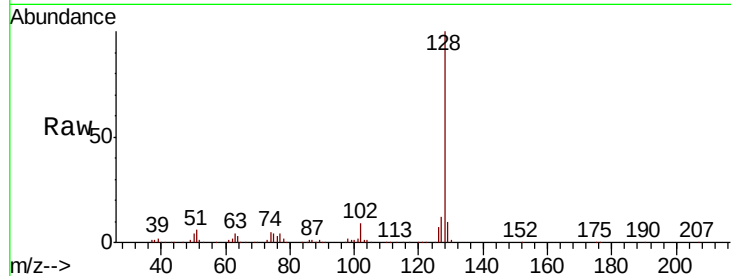
#95
Naphthalene
Concen: 47.49 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. 0.01 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	235156		
127	11.6		9.9	14.9
129	10.4		8.9	13.3

Manual Integrations
APPROVED

apatel
9/10/2018 12:23:16 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.67 ug/l
RT: 14.66 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VF060206.D
Acq: 7 Sep 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	154276		
182	97.7		46.6	139.7
145	36.3		15.7	47.0

