

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082018\
 Data File : VF060000.D
 Acq On : 20 Aug 2018 13:59
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 8/21/2018 10:01:30 AM

Quant Time: Aug 21 04:36:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:11:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	123739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	173171	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	179009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	122063	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.02	65	123222	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
35) Dibromofluoromethane	4.30	113	92025	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
50) Toluene-d8	7.72	98	205538	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	11.51	95	131105	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.95	85	119737	57.05	ug/l	98
3) Chloromethane	1.07	50	72053	74.70	ug/l #	88
4) Vinyl Chloride	1.12	62	79691	63.59	ug/l	95
5) Bromomethane	1.32	94	65848	59.28	ug/l	97
6) Chloroethane	1.39	64	37057	56.95	ug/l	95
7) Trichlorofluoromethane	1.49	101	204165	56.76	ug/l	100
8) Diethyl Ether	1.69	74	29372	55.35	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	1.86	101	96545	57.24	ug/l	98
10) Methyl Iodide	1.93	142	118213	55.55	ug/l	94
11) Tert butyl alcohol	2.67	59	34307	246.46	ug/l #	87
12) 1,1-Dichloroethene	1.82	96	65852	56.62	ug/l	82
13) Acrolein	2.09	56	25476	279.78	ug/l	97
14) Allyl chloride	2.19	41	111668	56.59	ug/l	97
15) Acrylonitrile	3.06	53	61796	274.55	ug/l	98
16) Acetone	2.33	43	214863	327.90	ug/l	100
17) Carbon Disulfide	1.84	76	191473	51.79	ug/l	98
18) Methyl Acetate	2.44	43	57512	46.80	ug/l	98
19) Methyl tert-butyl Ether	2.53	73	202514	52.91	ug/l	99
20) Methylene Chloride	2.28	84	72477	55.10	ug/l	96
21) trans-1,2-Dichloroethene	2.41	96	64935	52.01	ug/l	95
22) Diisopropyl ether	2.92	45	230667	54.66	ug/l #	97
23) Vinyl Acetate	3.33	43	610187	359.08	ug/l	99
24) 1,1-Dichloroethane	2.99	63	153179	55.34	ug/l	98
25) 2-Butanone	4.50	43	147984	256.29	ug/l	94
26) 2,2-Dichloropropane	3.74	77	143691	58.60	ug/l	96
27) cis-1,2-Dichloroethene	3.64	96	57383	50.26	ug/l	88
28) Bromochloromethane	3.89	49	39206	49.36	ug/l	88
29) Tetrahydrofuran	4.25	42	51497	249.90	ug/l	95
30) Chloroform	4.03	83	167936	52.48	ug/l	94
31) Cyclohexane	3.86	56	62554	49.37	ug/l	98
32) 1,1,1-Trichloroethane	4.28	97	165836	53.10	ug/l	95
36) 1,1-Dichloropropene	4.45	75	96644	49.00	ug/l	96
37) Ethyl Acetate	4.29	43	56413	51.75	ug/l	91
38) Carbon Tetrachloride	4.17	117	154359	54.56	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	72500	49.00	ug/l	97
40) Benzene	4.81	78	172689	51.73	ug/l	92
41) Methacrylonitrile	4.92	41	26085	49.97	ug/l #	91
42) 1,2-Dichloroethane	5.11	62	150516	53.16	ug/l	97
43) Isopropyl Acetate	7.11	43	63335	52.78	ug/l #	96
44) Trichloroethene	5.68	130	64935	49.84	ug/l	94
45) 1,2-Dichloropropane	6.40	63	48277	50.55	ug/l	98
46) Dibromomethane	6.26	93	48929	51.95	ug/l	91
47) Bromodichloromethane	6.55	83	137552	54.10	ug/l	98
48) Methyl methacrylate	6.87	41	45764	51.24	ug/l	98
49) 1,4-Dioxane	6.87	88	7499	959.17	ug/l #	70
51) 4-Methyl-2-Pentanone	8.41	43	295935	264.02	ug/l	100
52) Toluene	7.78	92	127445	51.01	ug/l	96
53) t-1,3-Dichloropropene	8.43	75	116348	54.25	ug/l	95
54) cis-1,3-Dichloropropene	7.46	75	113372	54.75	ug/l	95
55) 1,1,2-Trichloroethane	8.64	97	53225	53.10	ug/l	92
56) Ethyl methacrylate	8.76	69	63704	54.85	ug/l	97
57) 1,3-Dichloropropane	9.00	76	94708	53.01	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.78	63	32055	329.10	ug/l	100
59) 2-Hexanone	9.63	43	250493	270.65	ug/l	100
60) Dibromochloromethane	8.86	129	98736	53.90	ug/l	95
61) 1,2-Dibromoethane	9.14	107	65458	52.34	ug/l	94
64) Tetrachloroethene	8.31	164	68496	50.22	ug/l	92
65) Chlorobenzene	9.94	112	186749	52.86	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.07	131	85228	52.43	ug/l	95
67) Ethyl Benzene	10.04	91	338709	52.80	ug/l	100
68) m/p-Xylenes	10.27	106	237413	106.82	ug/l	91
69) o-Xylene	10.83	106	124737	54.75	ug/l	93
70) Styrene	10.90	104	195408	53.53	ug/l	100
71) Bromoform	10.89	173	63811	53.10	ug/l	96
73) Isopropylbenzene	11.23	105	410867	56.15	ug/l	99
74) N-amyl acetate	11.46	43	118870	57.24	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.79	83	75177	52.32	ug/l	94
76) 1,2,3-Trichloropropane	11.89	75	65136	51.19	ug/l	98
77) Bromobenzene	11.60	156	105187	51.54	ug/l	88
78) n-propylbenzene	11.69	91	477206	52.53	ug/l	100
79) 2-Chlorotoluene	11.82	91	289588	52.47	ug/l	95
80) 1,3,5-Trimethylbenzene	11.92	105	364580	55.10	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.95	75	25975m	48.36	ug/l	
82) 4-Chlorotoluene	11.99	91	330045	54.65	ug/l	93
83) tert-Butylbenzene	12.22	119	366923	56.45	ug/l	94
84) 1,2,4-Trimethylbenzene	12.29	105	374619	53.77	ug/l	100
85) sec-Butylbenzene	12.39	105	471194	54.84	ug/l	96
86) p-Isopropyltoluene	12.54	119	420012	55.27	ug/l	98
87) 1,3-Dichlorobenzene	12.56	146	206238	52.94	ug/l	99
88) 1,4-Dichlorobenzene	12.64	146	204658	53.66	ug/l	96
89) n-Butylbenzene	12.92	91	405901	55.27	ug/l	98
90) Hexachloroethane	13.00	117	96645	56.46	ug/l	85
91) 1,2-Dichlorobenzene	13.02	146	194421	52.14	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.71	75	22153	55.75	ug/l	73

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	167262	54.97	µg/l	97
94) Hexachlorobutadiene	14.25	225	109646	53.79	µg/l	94
95) Naphthalene	14.53	128	257528	60.13	µg/l	98
96) 1,2,3-Trichlorobenzene	14.67	180	161339	55.00	µg/l	98

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

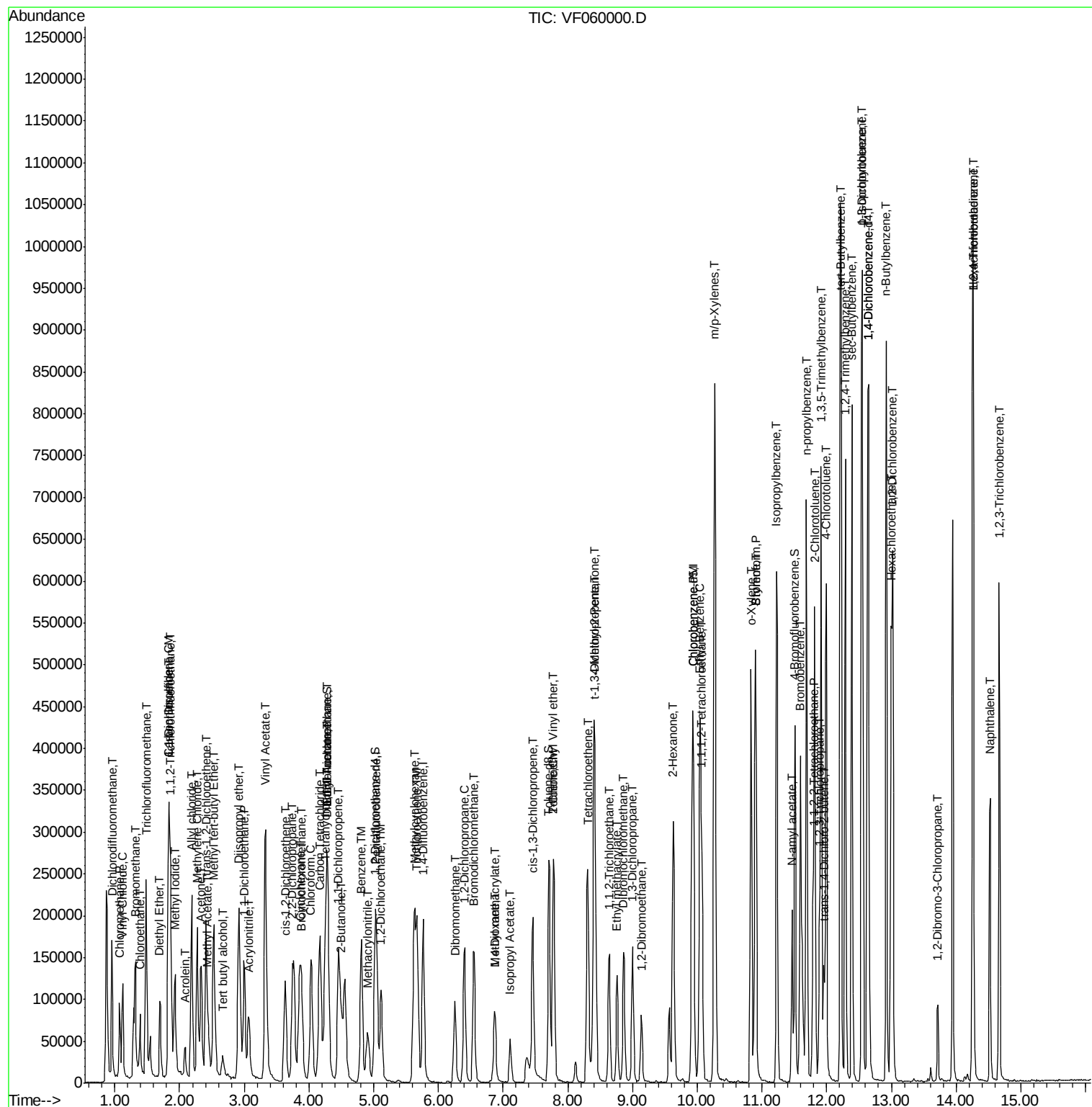
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082018\
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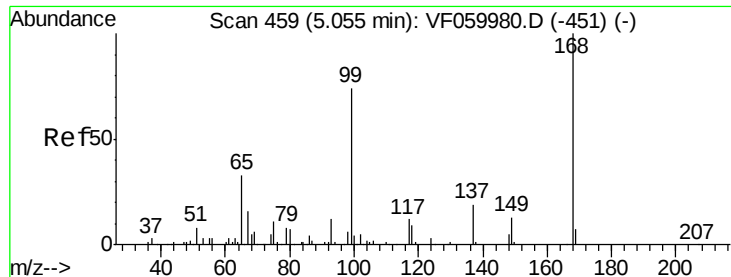
Instrument :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 123739

Ion Ratio Lower Upper

168 100

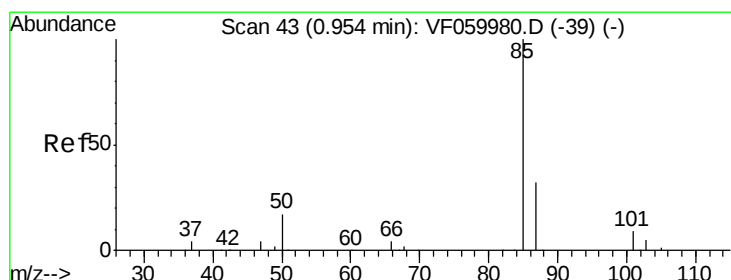
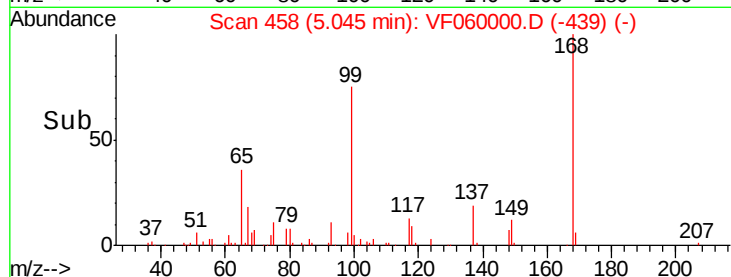
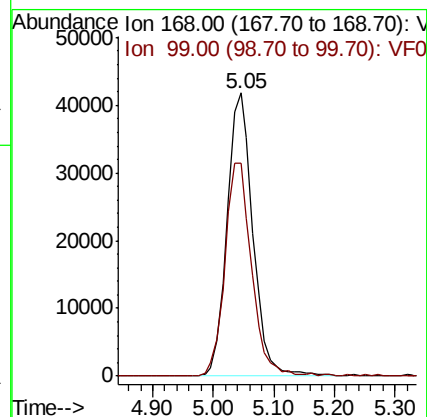
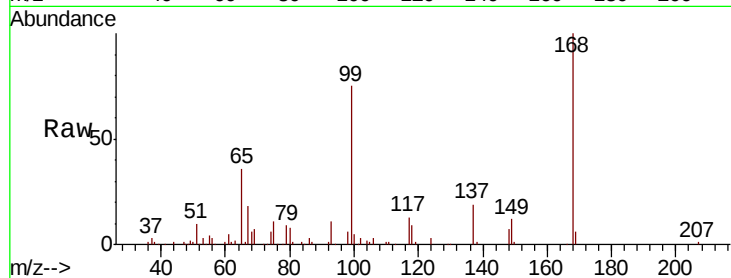
99 75.2 59.0 88.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 57.05 ug/l

RT: 0.95 min Scan# 43

Delta R.T. 0.00 min

Lab File: VF060000.D

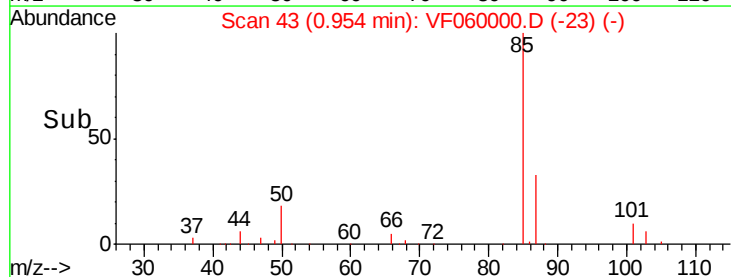
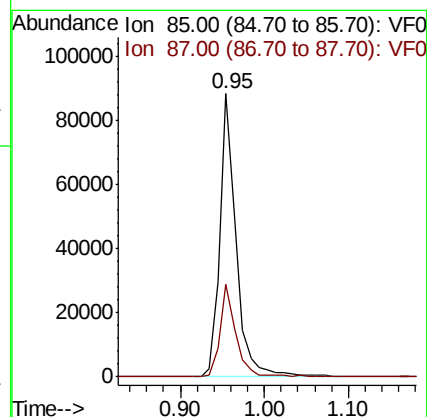
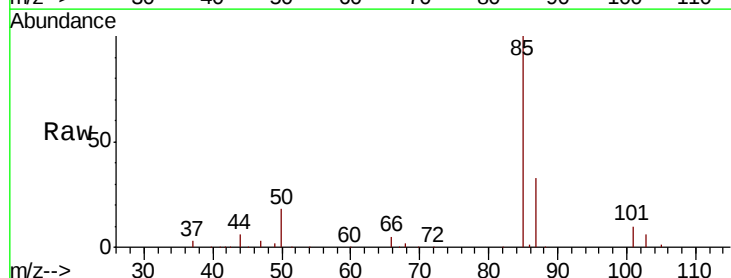
Acq: 20 Aug 2018 13:59

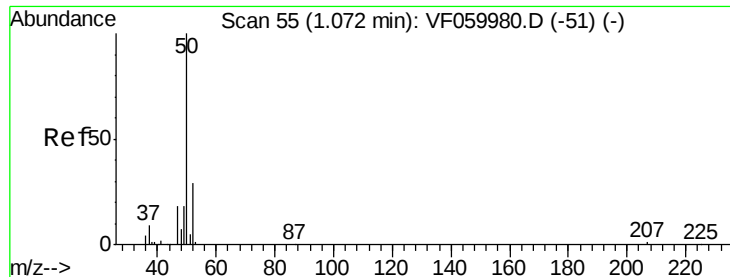
Tgt Ion: 85 Resp: 119737

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.7





#3

Chloromethane

Concen: 74.70 ug/l

RT: 1.07 min Scan# 55

Delta R.T. 0.00 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 72053

Ion Ratio Lower Upper

50 100

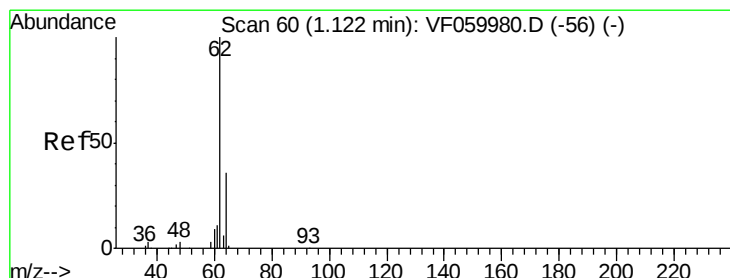
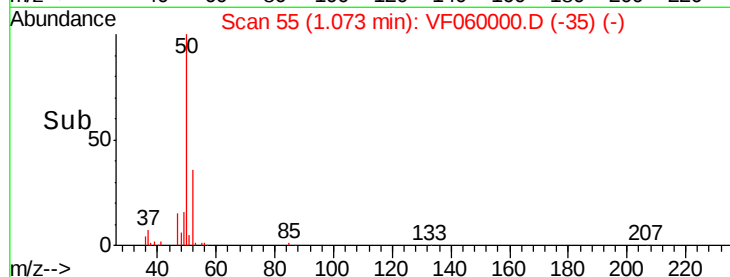
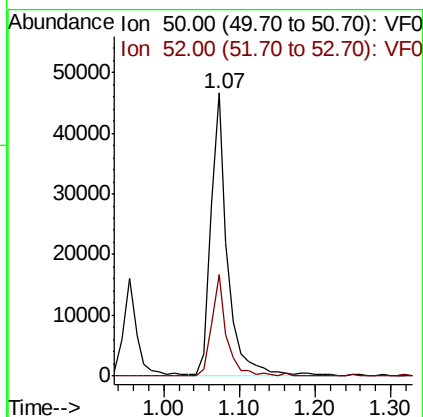
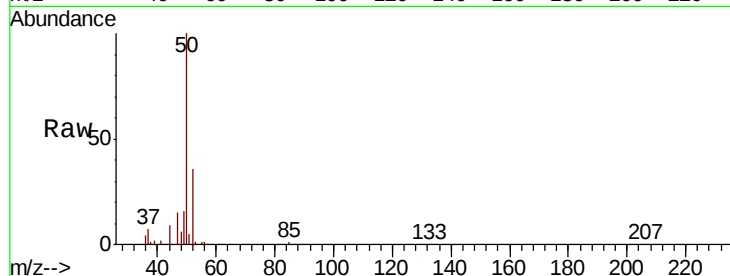
52 36.0 23.6 35.4#

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#4

Vinyl Chloride

Concen: 63.59 ug/l

RT: 1.12 min Scan# 60

Delta R.T. 0.00 min

Lab File: VF060000.D

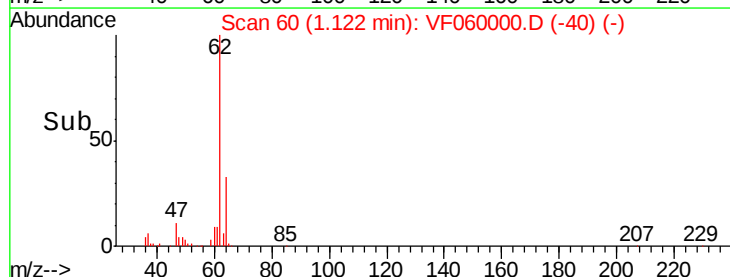
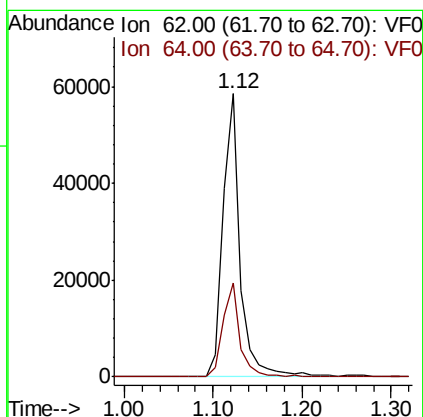
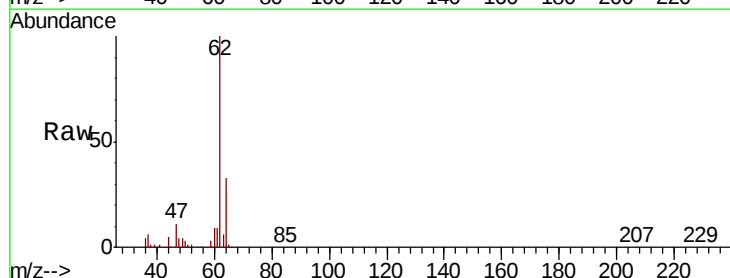
Acq: 20 Aug 2018 13:59

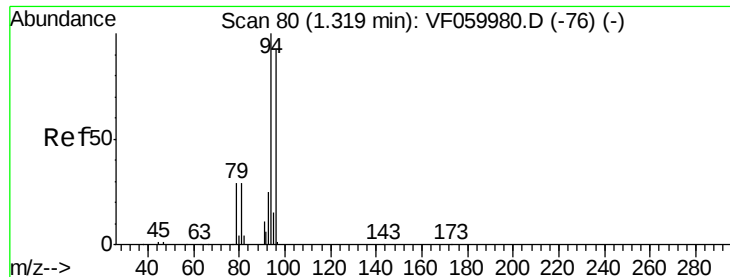
Tgt Ion: 62 Resp: 79691

Ion Ratio Lower Upper

62 100

64 33.1 28.7 43.1





#5

Bromomethane

Concen: 59.28 ug/l

RT: 1.32 min Scan# 80

Delta R.T. 0.00 min

Lab File: VF060000.D

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Tot Ion: 94 Resp: 65848

Ion Ratio Lower Upper

94 100

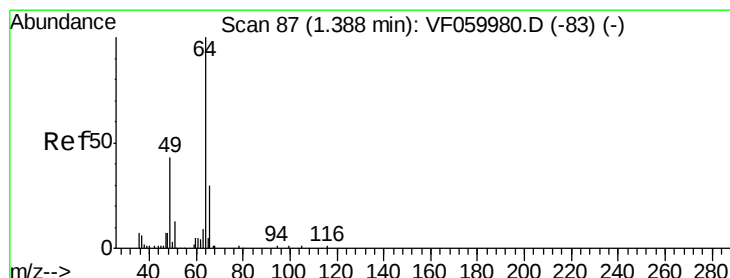
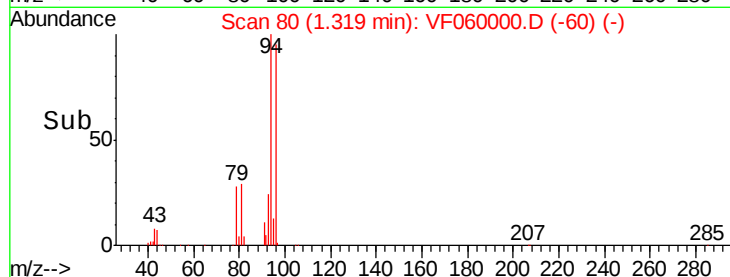
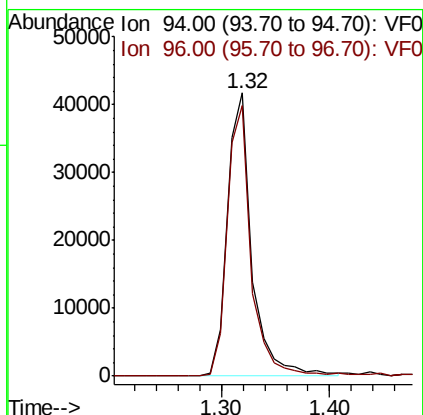
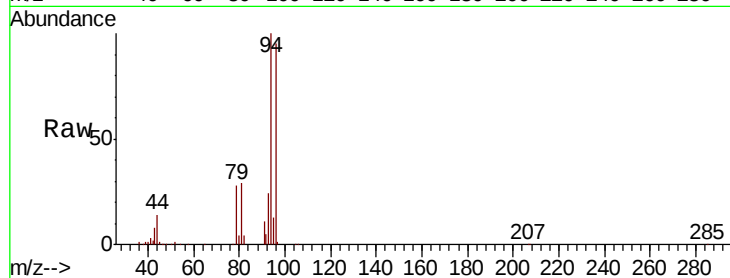
96 95.4 73.9 110.9

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#6

Chloroethane

Concen: 56.95 ug/l

RT: 1.39 min Scan# 87

Delta R.T. 0.00 min

Lab File: VF060000.D

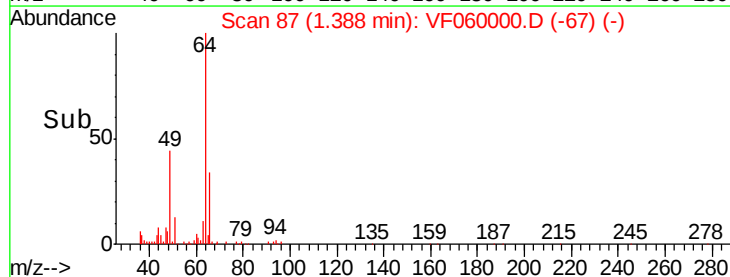
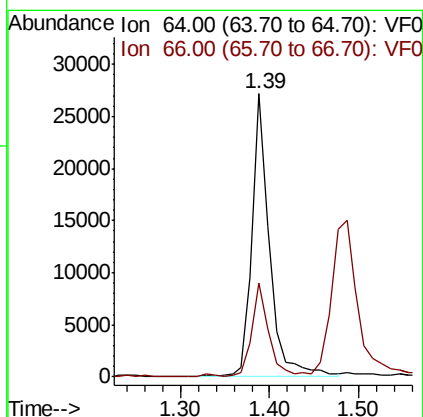
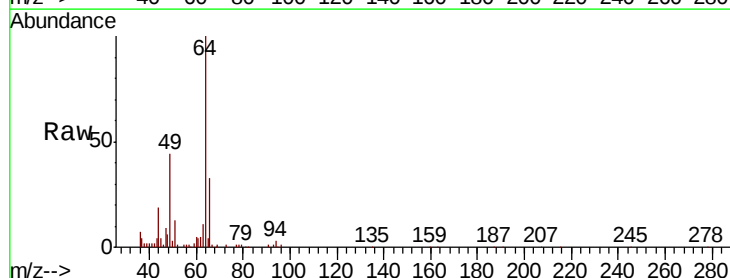
Acq: 20 Aug 2018 13:59

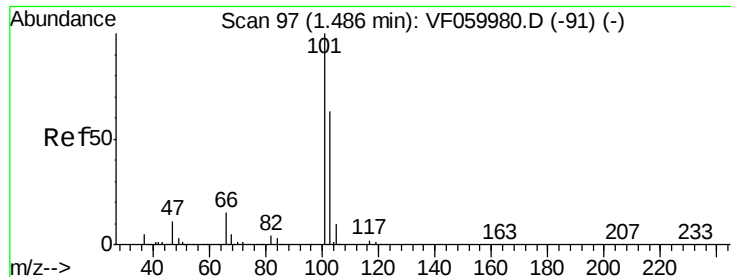
Tgt Ion: 64 Resp: 37057

Ion Ratio Lower Upper

64 100

66 33.3 24.4 36.6





#7

Trichlorofluoromethane

Concen: 56.76 ug/l

RT: 1.49 min Scan# 97

Delta R.T. 0.00 min

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Tot Ion:101 Resp: 204165

Ion Ratio Lower Upper

101 100

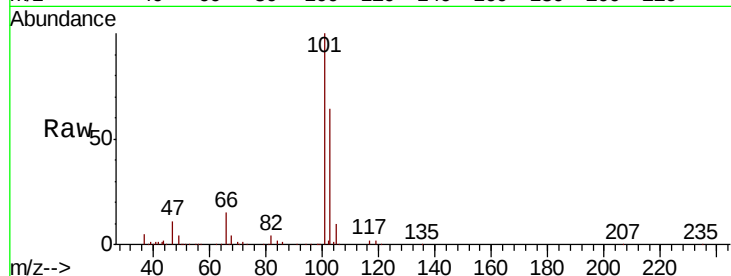
103 63.9 50.8 76.2

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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

120000

100000

80000

60000

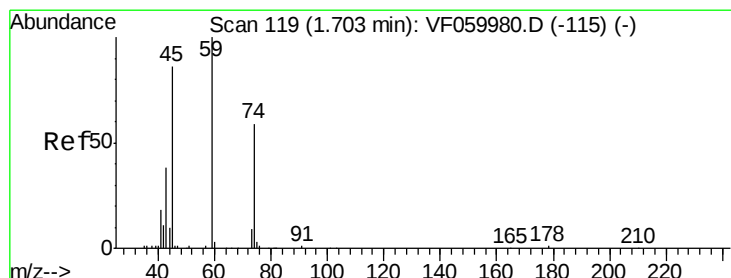
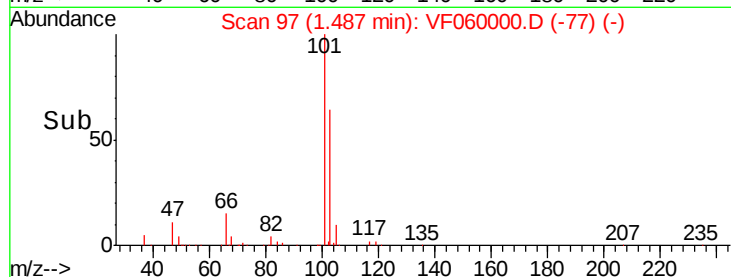
40000

20000

0

1.49

Time-->



#8

Diethyl Ether

Concen: 55.35 ug/l

RT: 1.69 min Scan# 118

Delta R.T. -0.01 min

Lab File: VF060000.D

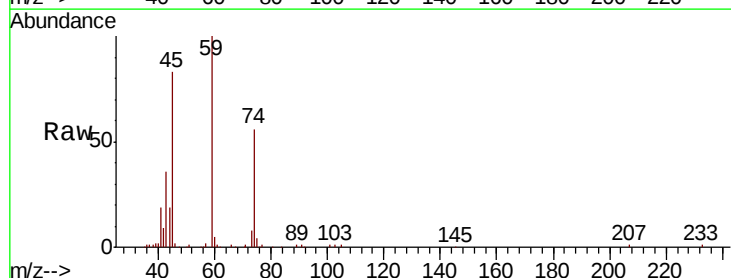
Acq: 20 Aug 2018 13:59

Tgt Ion: 74 Resp: 29372

Ion Ratio Lower Upper

74 100

45 147.8 73.5 220.3



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

25000

20000

15000

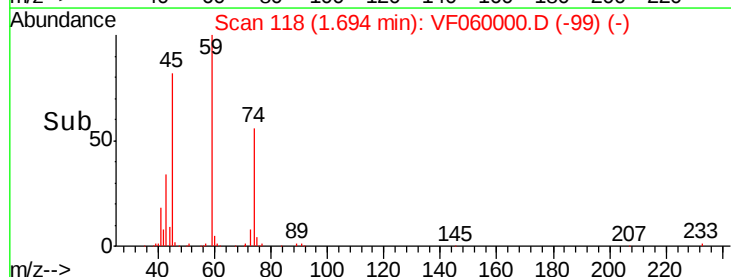
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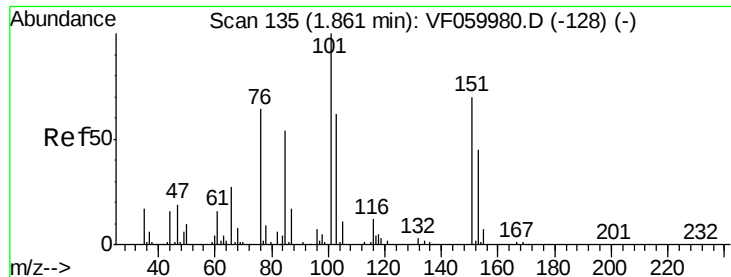
5000

0

1.69

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.24 ug/l

RT: 1.86 min Scan# 135

Delta R.T. 0.00 min

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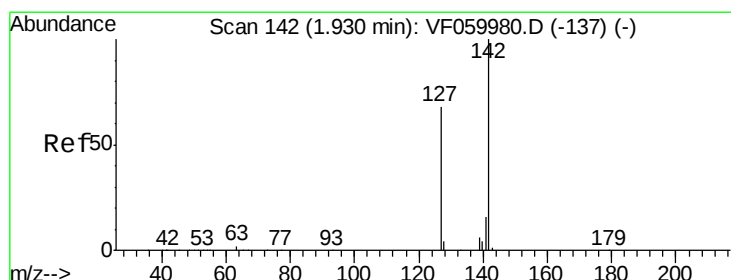
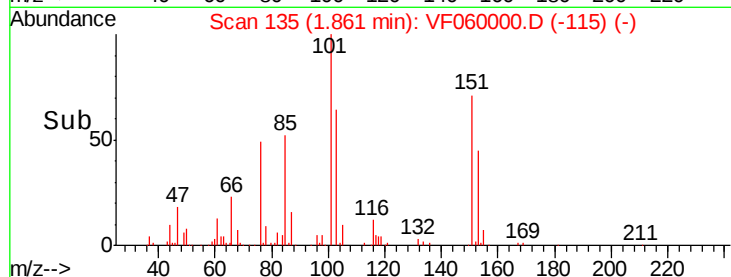
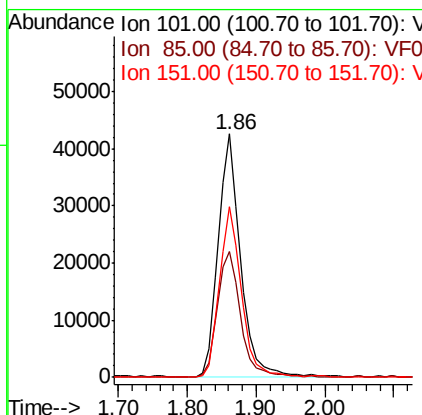
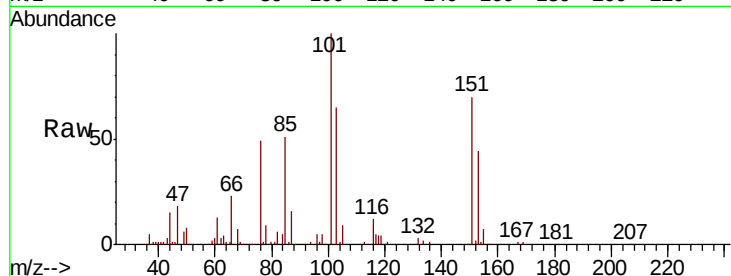
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	96545
Ion Ratio	Lower	Upper	
101	100		
85	51.5	43.0	64.6
151	70.1	56.2	84.2

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#10

Methyl Iodide

Concen: 55.55 ug/l

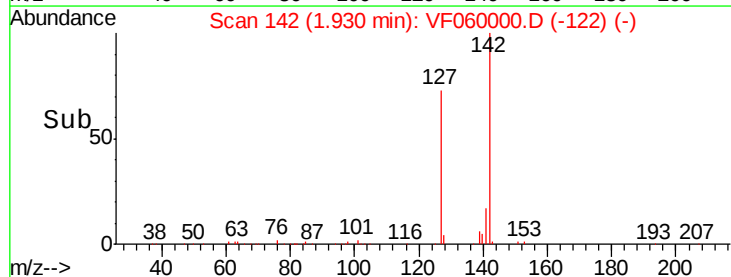
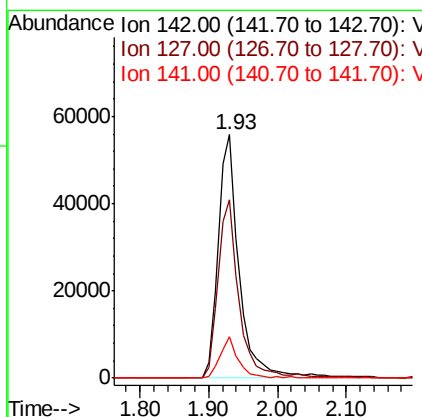
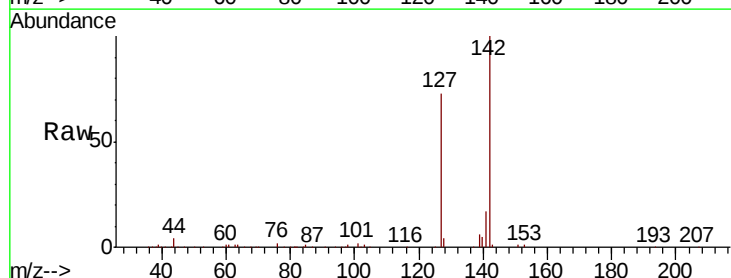
RT: 1.93 min Scan# 142

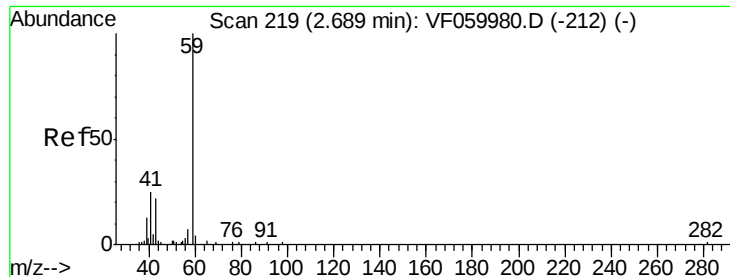
Delta R.T. 0.00 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Tgt Ion:	142	Resp:	118213
Ion Ratio	Lower	Upper	
142	100		
127	73.2	54.1	81.1
141	16.8	12.5	18.7





#11

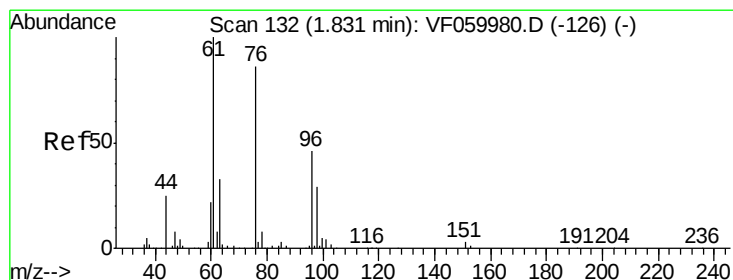
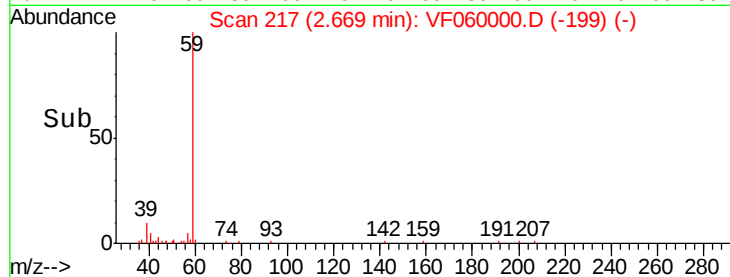
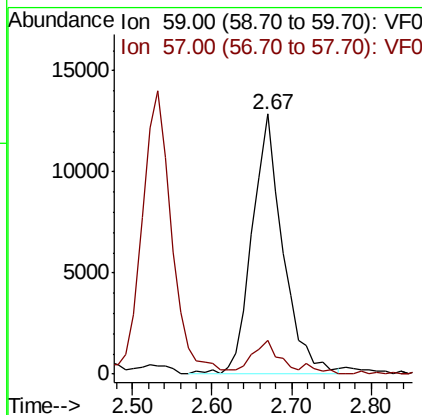
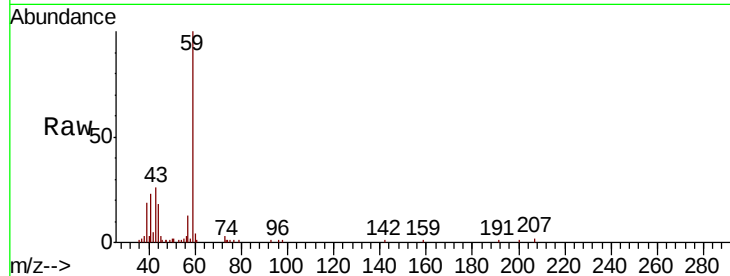
Tert butyl alcohol
Concen: 246.46 ug/l
RT: 2.67 min Scan# 217
Delta R.T. -0.02 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	13.0	6.8	10.2#

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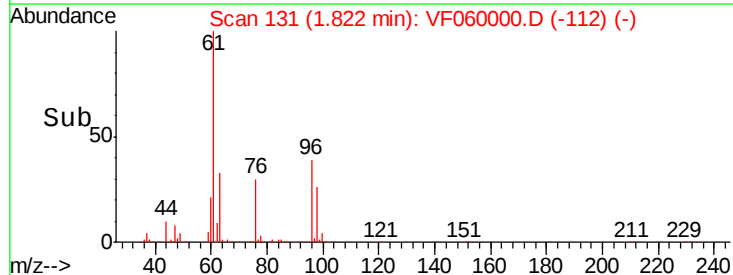
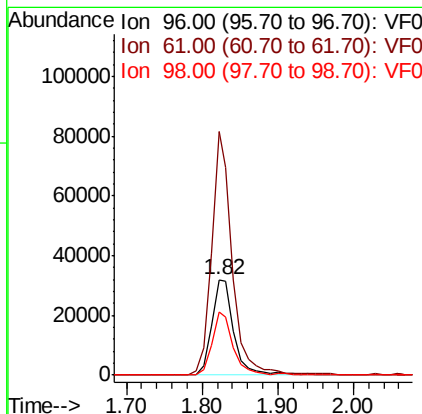
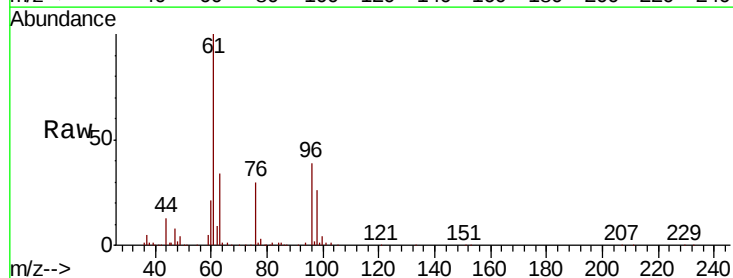
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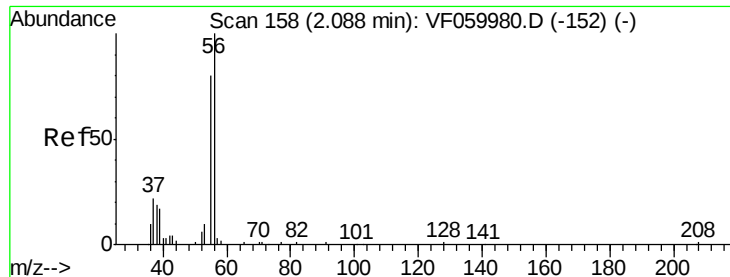


#12

1,1-Dichloroethene
Concen: 56.62 ug/l
RT: 1.82 min Scan# 131
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	255.7	175.6	263.4
98	65.7	50.6	75.8





#13

Acrolein

Concen: 279.78 ug/l

RT: 2.09 min Scan# 158

Delta R.T. 0.00 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 25476

Ion Ratio Lower Upper

56 100

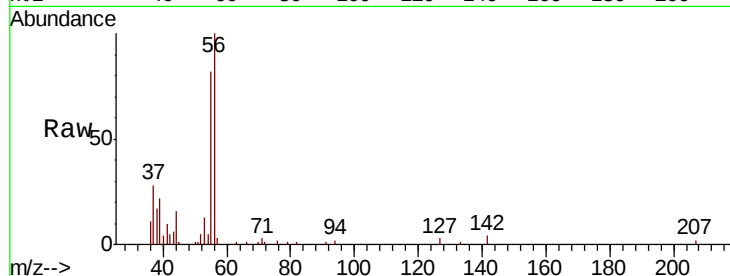
55 82.3 63.8 95.6

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Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

2.09

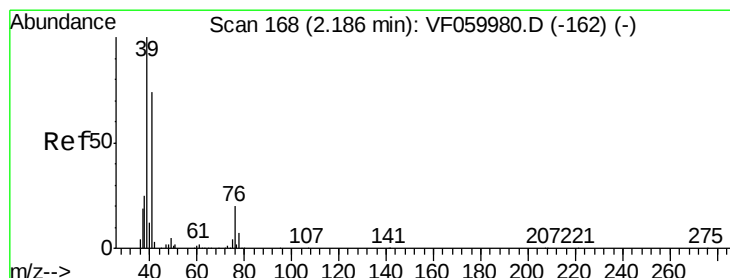
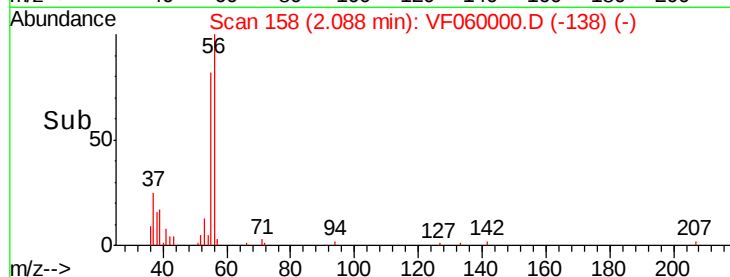
10000

5000

0

2.00 2.05 2.10 2.15 2.20

Time-->



#14

Allyl chloride

Concen: 56.59 ug/l

RT: 2.19 min Scan# 168

Delta R.T. 0.00 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

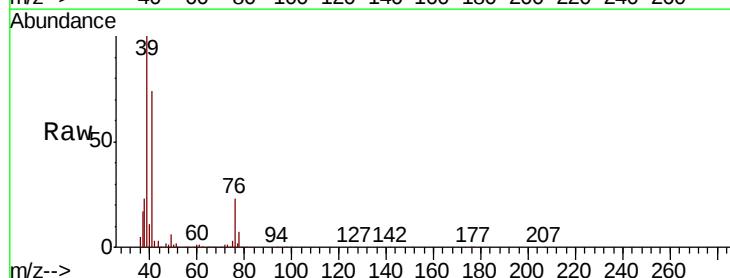
Tgt Ion: 41 Resp: 111668

Ion Ratio Lower Upper

41 100

39 134.8 109.3 163.9

76 30.9 21.3 31.9



Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0

100000

80000

60000

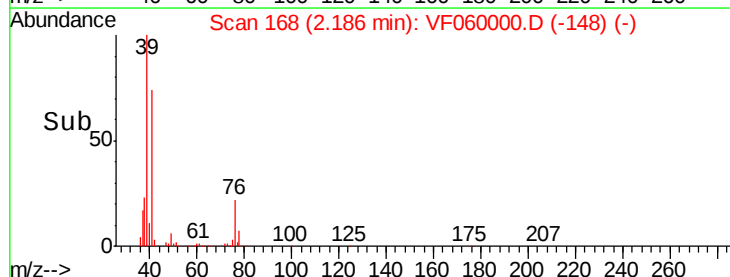
40000

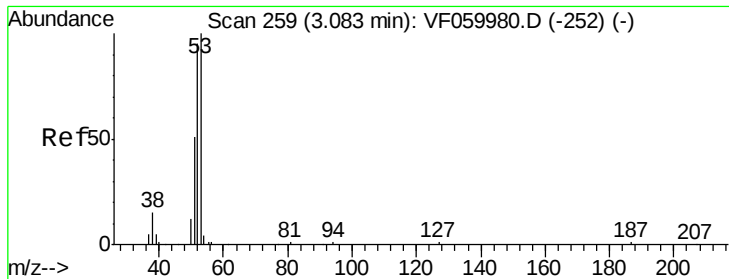
20000

0

2.10 2.20 2.30

Time-->





#15

Acrylonitrile

Concen: 274.55 ug/l

RT: 3.06 min Scan# 257

Delta R.T. -0.02 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

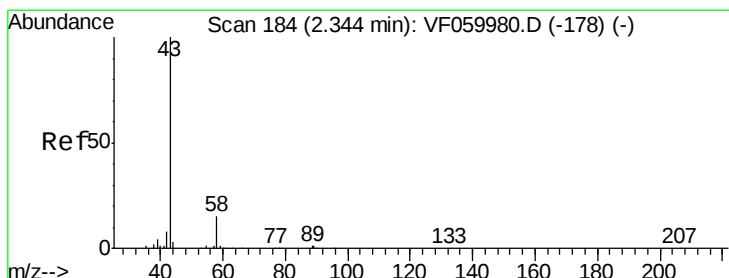
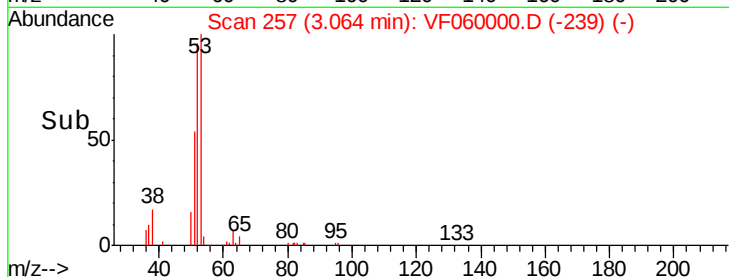
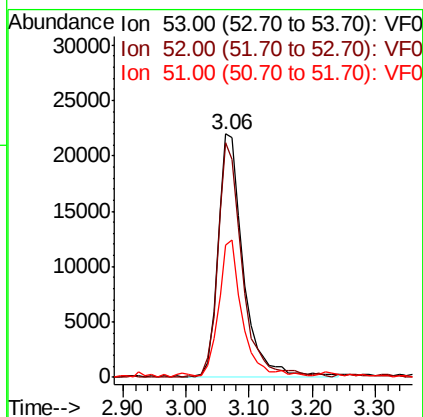
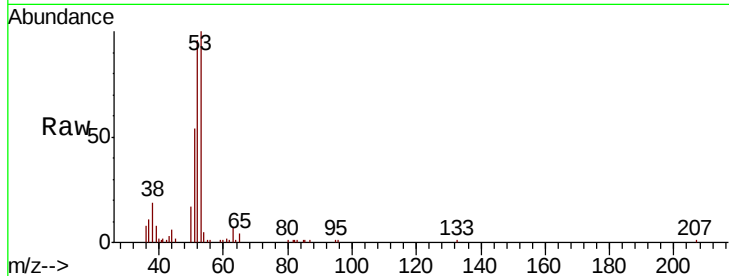
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	61796
Ion	Ratio	Lower	Upper
53	100		
52	96.4	76.0	114.0
51	54.4	41.9	62.9

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#16

Acetone

Concen: 327.90 ug/l

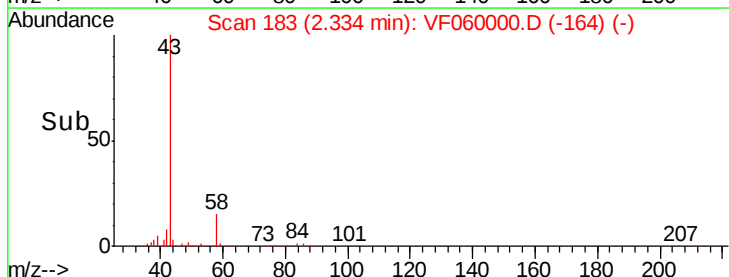
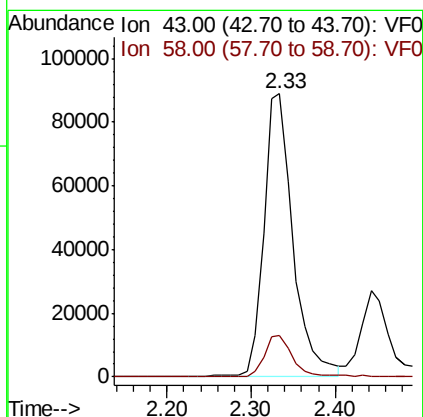
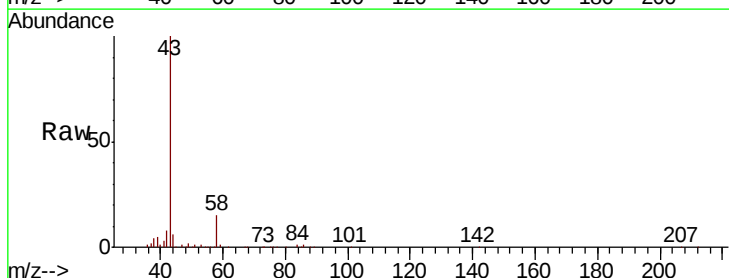
RT: 2.33 min Scan# 183

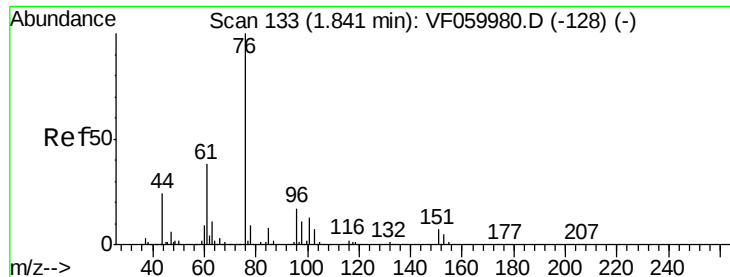
Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Tgt Ion:	43	Resp:	214863
Ion	Ratio	Lower	Upper
43	100		
58	14.7	11.9	17.9





#17

Carbon Disulfide

Concen: 51.79 ug/l

RT: 1.84 min Scan# 133

Delta R.T. 0.00 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Tot Ion: 76 Resp: 191473

Ion Ratio Lower Upper

76 100

78 9.8 7.2 10.8

Instrument :

MSVOA_F

ClientSampleId :

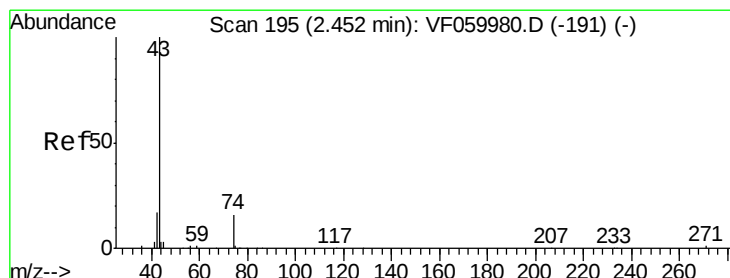
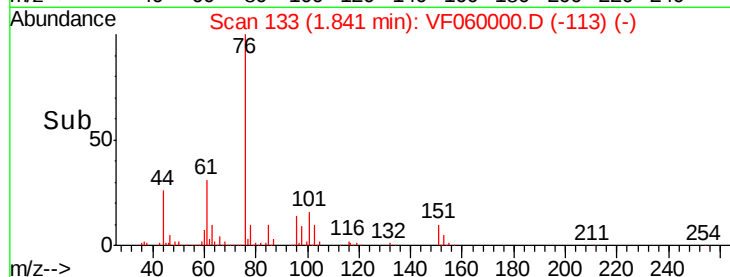
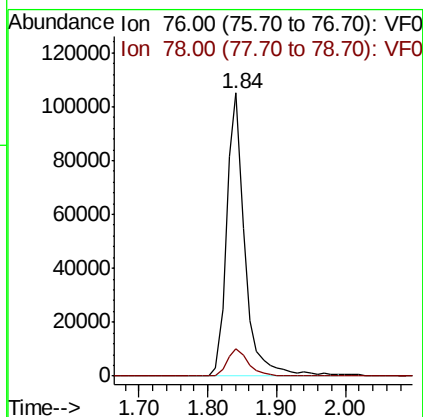
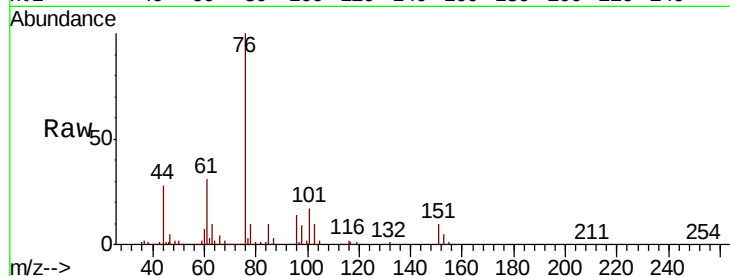
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#18

Methyl Acetate

Concen: 46.80 ug/l

RT: 2.44 min Scan# 194

Delta R.T. -0.01 min

Lab File: VF060000.D

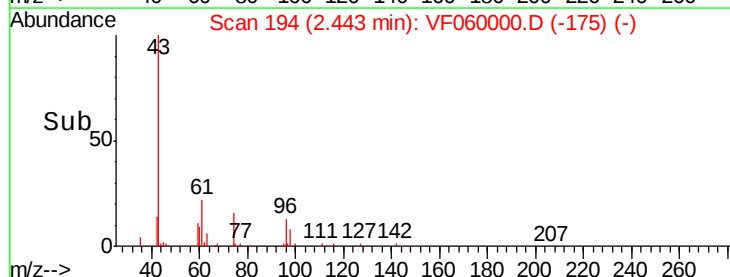
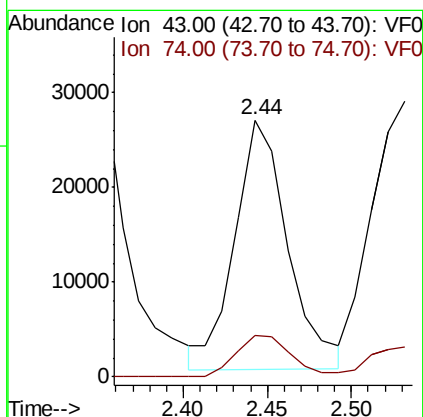
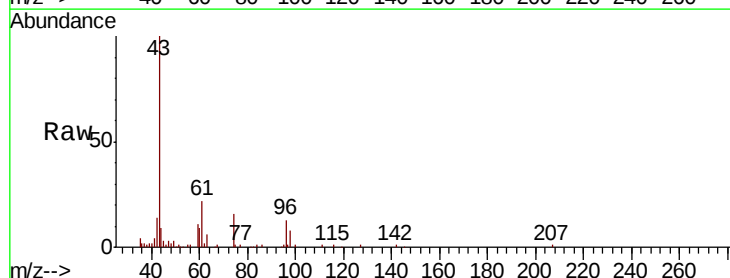
Acq: 20 Aug 2018 13:59

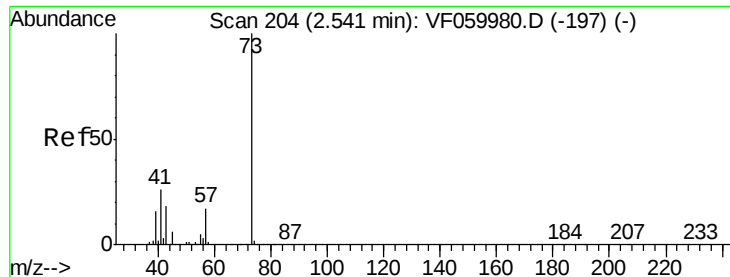
Tgt Ion: 43 Resp: 57512

Ion Ratio Lower Upper

43 100

74 16.2 12.3 18.5





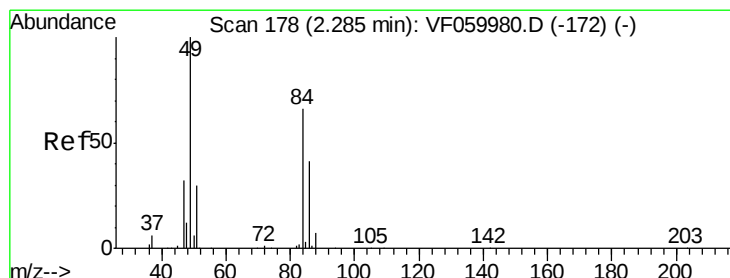
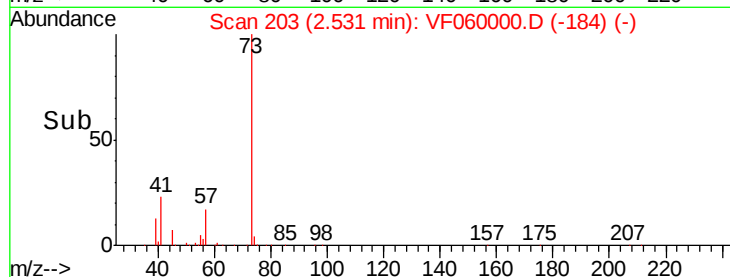
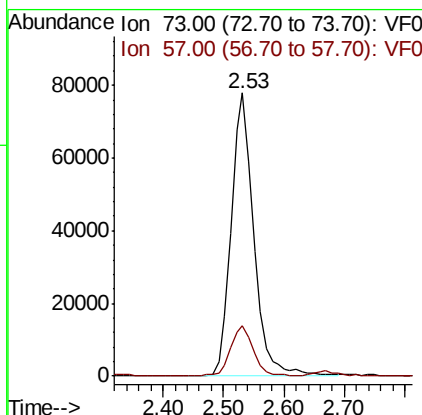
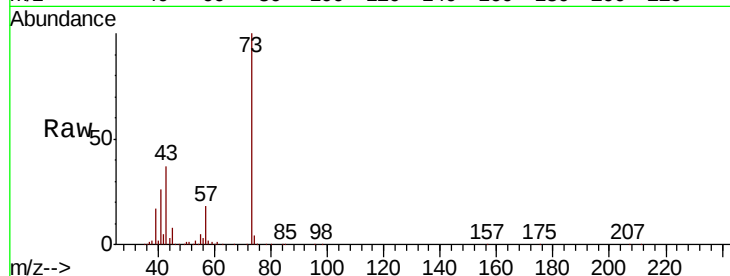
#19
Methvl tert-butvl Ether
Concen: 52.91 ug/l
RT: 2.53 min Scan# 203
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.0	14.2	21.2

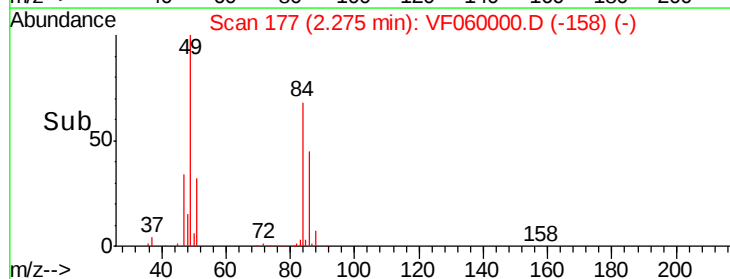
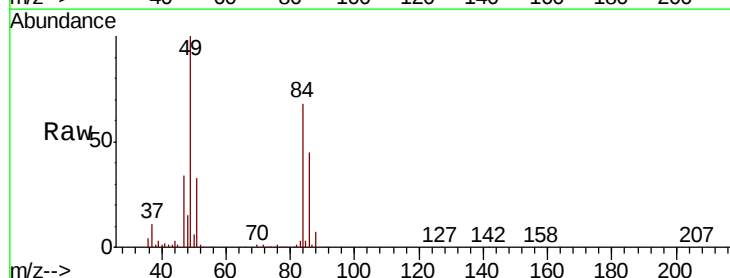
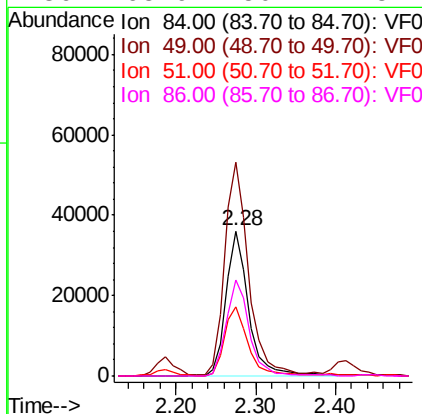
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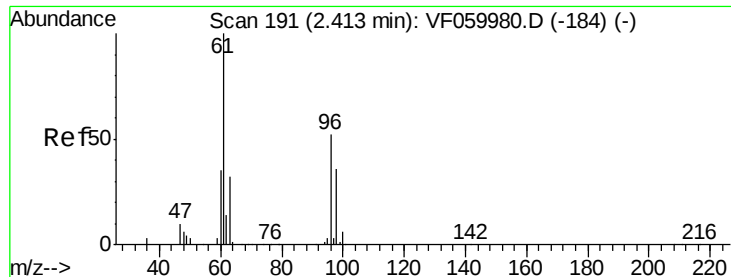
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#20
Methylene Chloride
Concen: 55.10 ug/l
RT: 2.28 min Scan# 177
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	147.4	122.5	183.7
51	47.9	37.1	55.7
86	65.9	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 52.01 ug/l

RT: 2.41 min Scan# 191

Delta R.T. 0.00 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

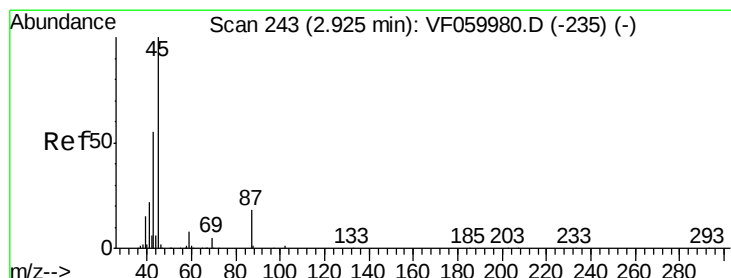
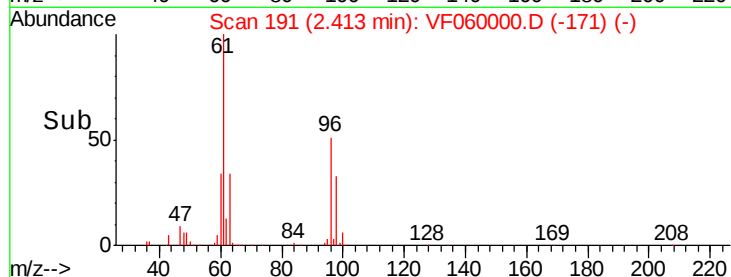
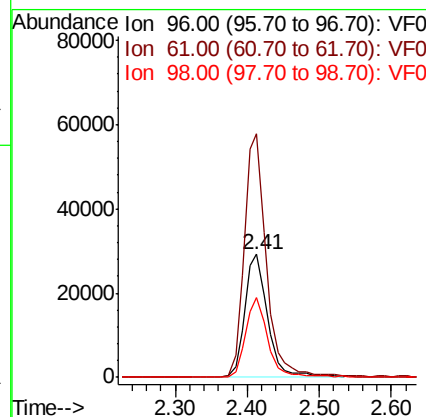
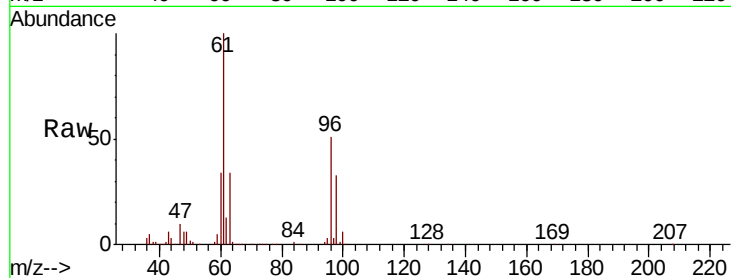
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	64935
Ion	Ratio	Lower	Upper
96	100		
61	197.7	153.0	229.4
98	64.9	55.5	83.3

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#22

Diisopropyl ether

Concen: 54.66 ug/l

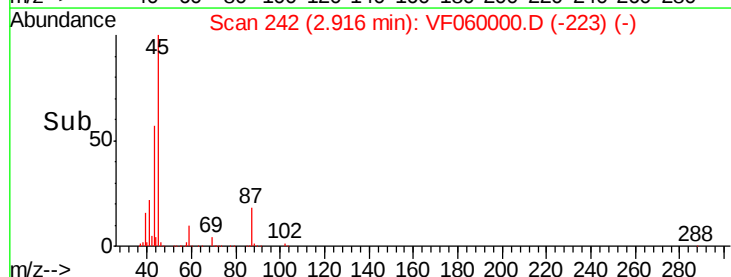
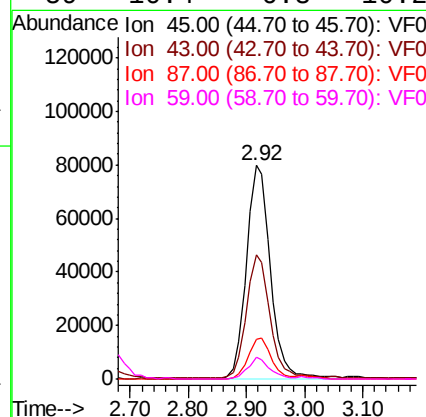
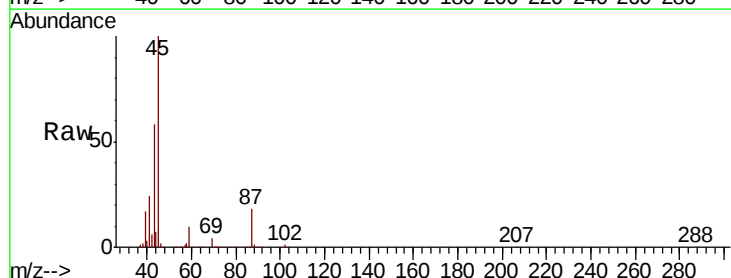
RT: 2.92 min Scan# 242

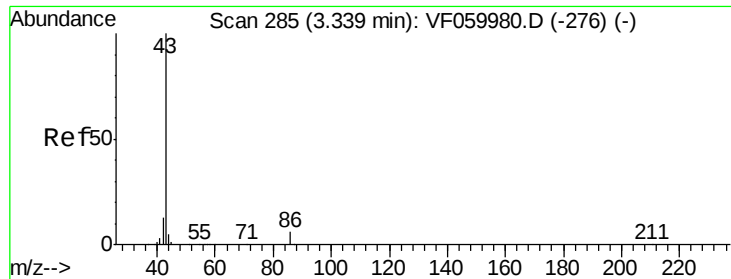
Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Tgt Ion:	45	Resp:	230667
Ion	Ratio	Lower	Upper
45	100		
43	58.0	44.8	67.2
87	18.4	14.6	21.8
59	10.4	6.8	10.2#





#23

Vinyl Acetate

Concen: 359.08 ug/l

RT: 3.33 min Scan# 284

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 610187

Ion Ratio Lower Upper

43 100

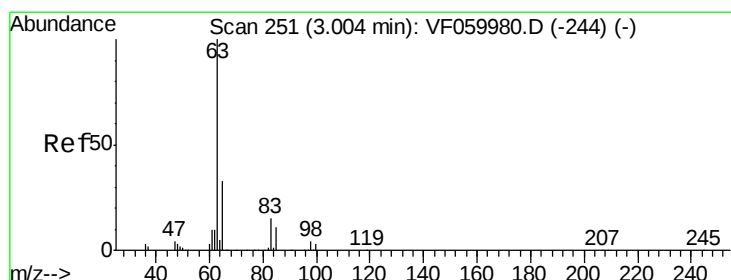
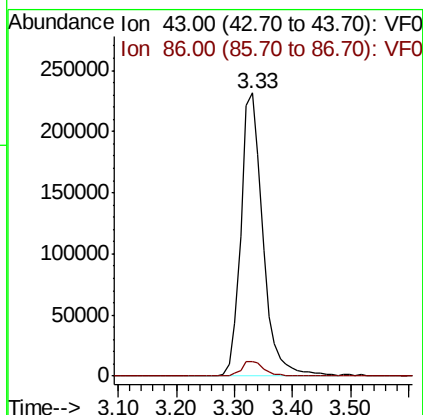
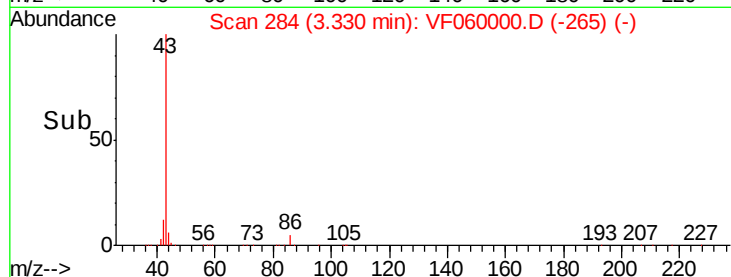
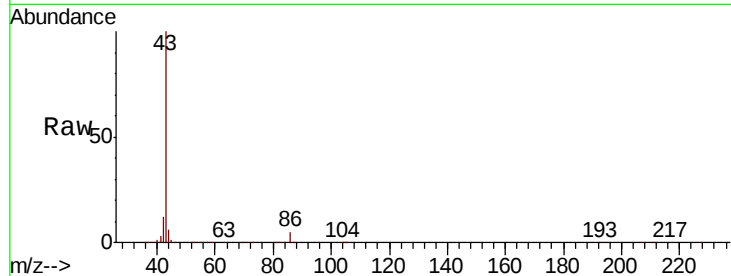
86 5.3 4.4 6.6

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#24

1,1-Dichloroethane

Concen: 55.34 ug/l

RT: 2.99 min Scan# 250

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

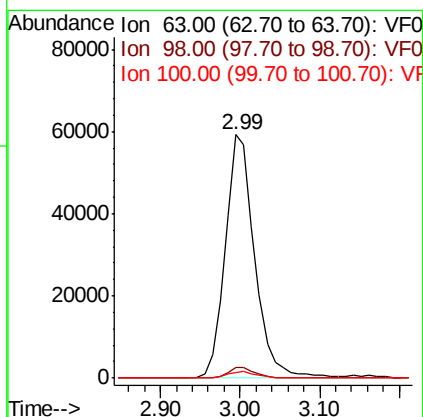
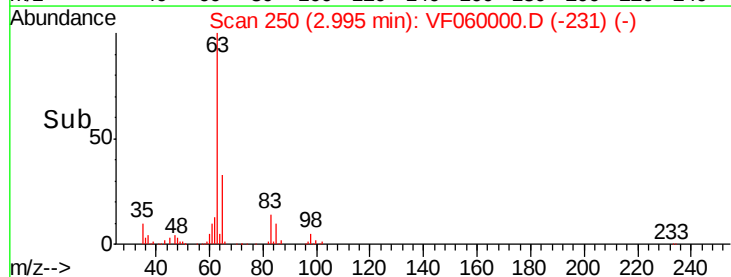
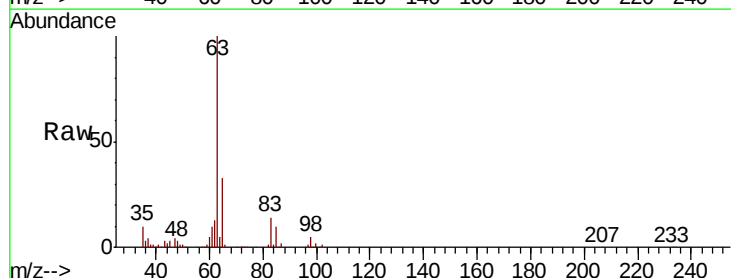
Tgt Ion: 63 Resp: 153179

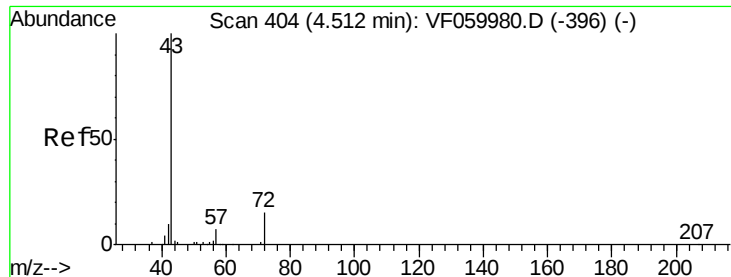
Ion Ratio Lower Upper

63 100

98 4.6 2.0 5.8

100 2.3 1.4 4.2





#25

2-Butanone

Concen: 256.29 ug/l

RT: 4.50 min Scan# 403

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 147984

Ion Ratio Lower Upper

43 100

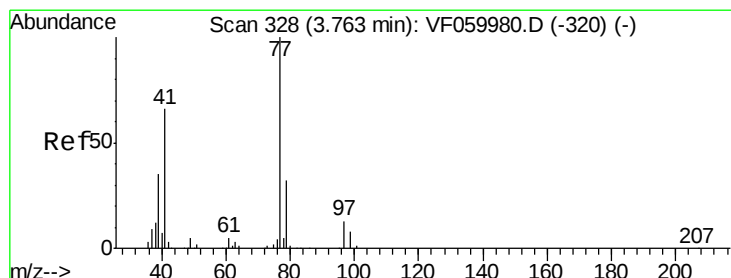
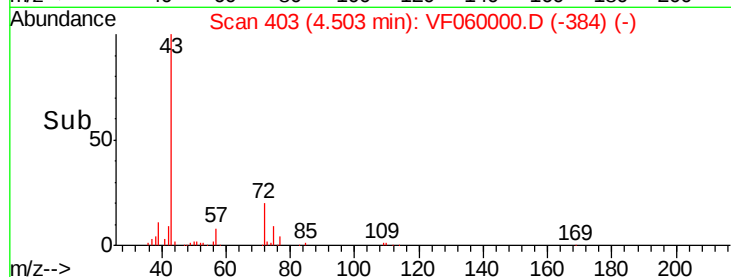
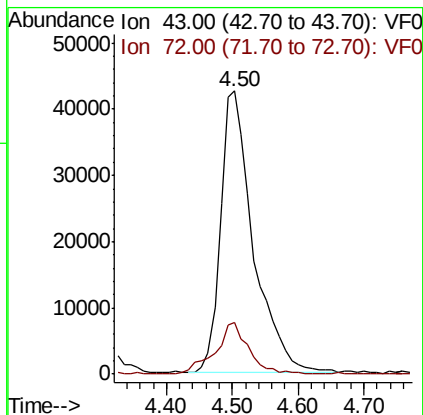
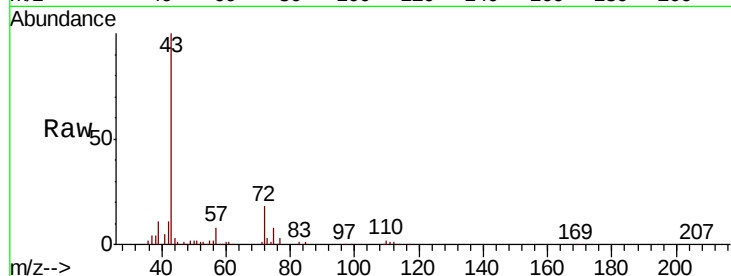
72 18.1 12.5 18.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 58.60 ug/l

RT: 3.74 min Scan# 326

Delta R.T. -0.02 min

Lab File: VF060000.D

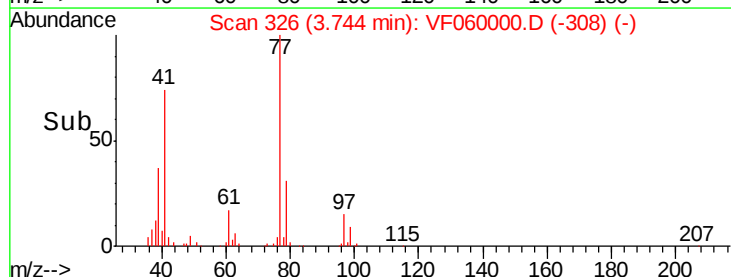
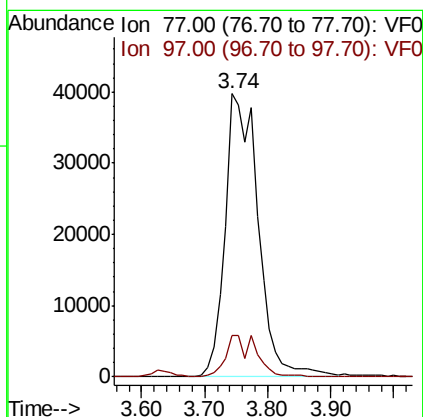
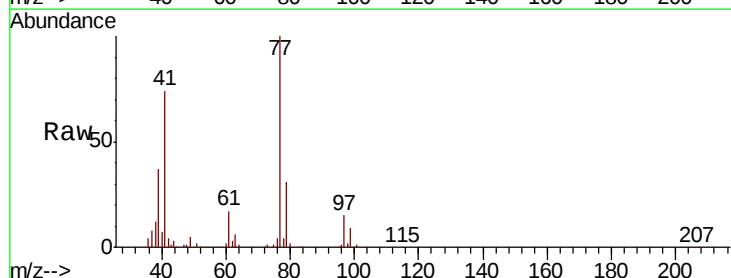
Acq: 20 Aug 2018 13:59

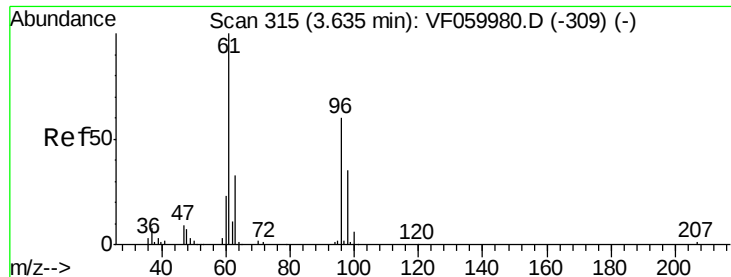
Tgt Ion: 77 Resp: 143691

Ion Ratio Lower Upper

77 100

97 14.8 6.7 20.0





#27

cis-1,2-Dichloroethene

Concen: 50.26 ug/l

RT: 3.64 min Scan# 315

Delta R.T. 0.00 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

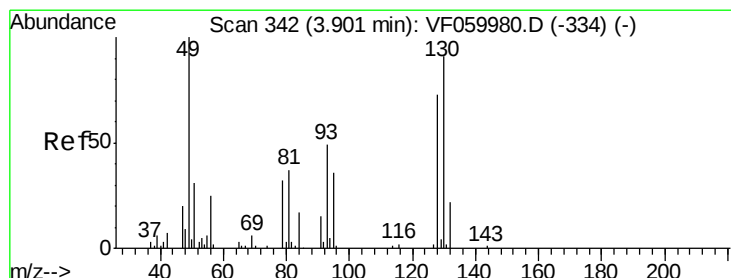
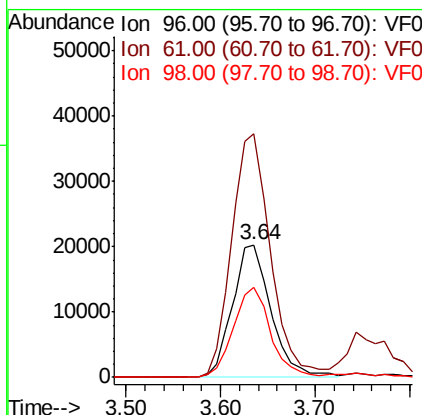
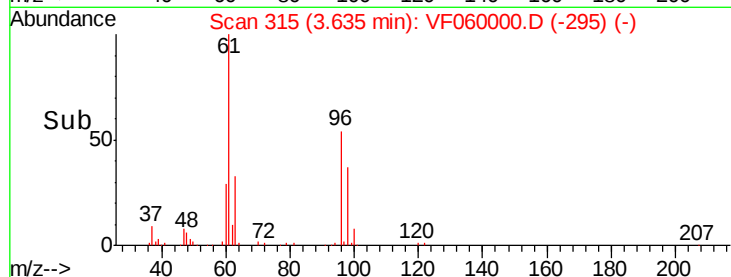
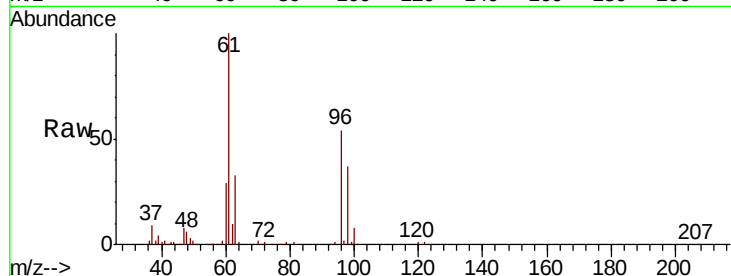
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	57383
Ion	Ratio	Lower	Upper
96	100		
61	184.0	0.0	335.0
98	68.1	0.0	117.2

Manual Integrations
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#28

Bromochloromethane

Concen: 49.36 ug/l

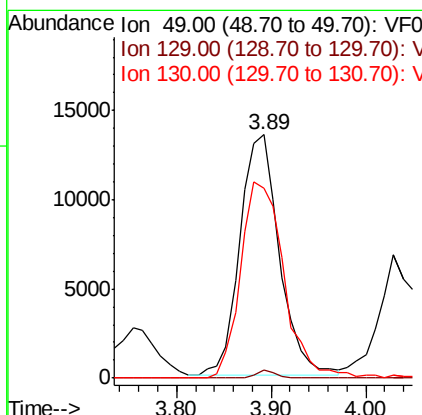
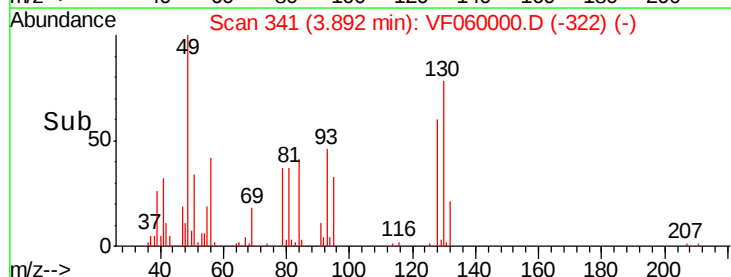
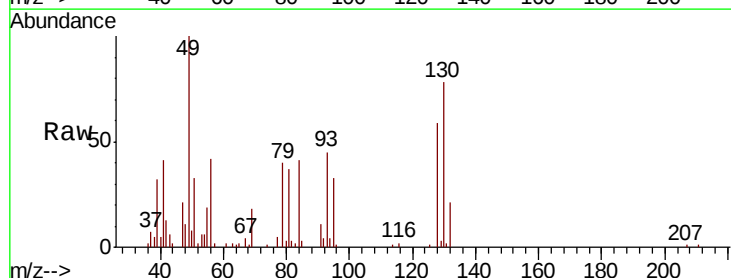
RT: 3.89 min Scan# 341

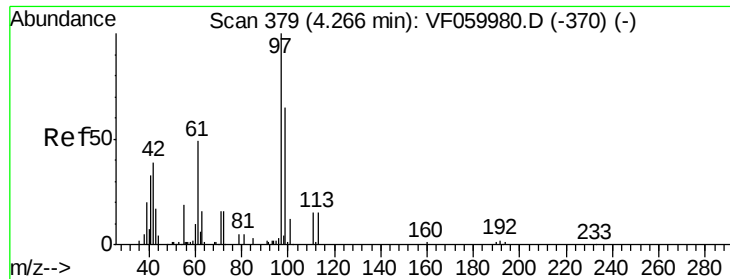
Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Tgt Ion:	49	Resp:	39206
Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	7.6
130	77.7	71.3	106.9





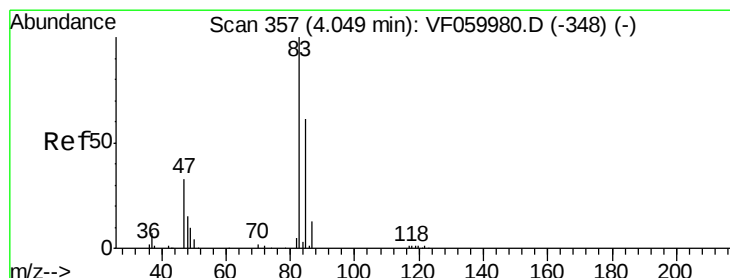
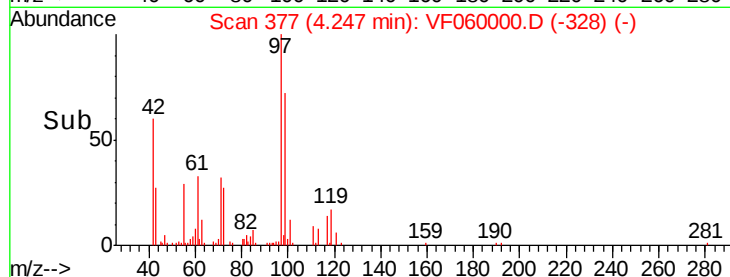
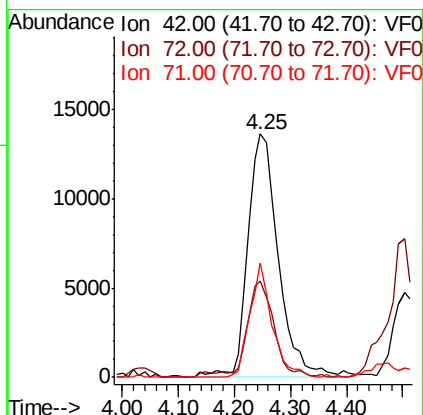
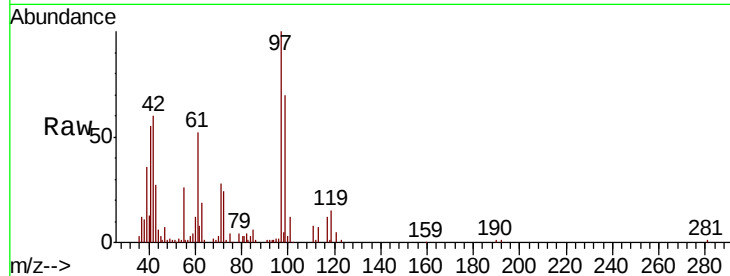
#29
Tetrahydrofuran
Concen: 249.90 ug/l
RT: 4.25 min Scan# 377
Delta R.T. -0.02 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.8	29.8	44.6
71	34.2	29.0	43.4

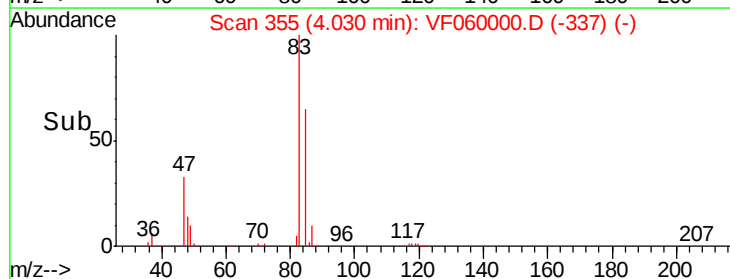
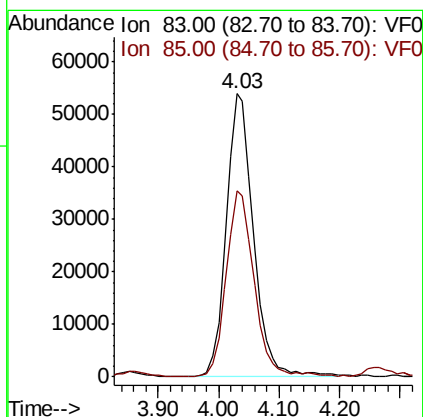
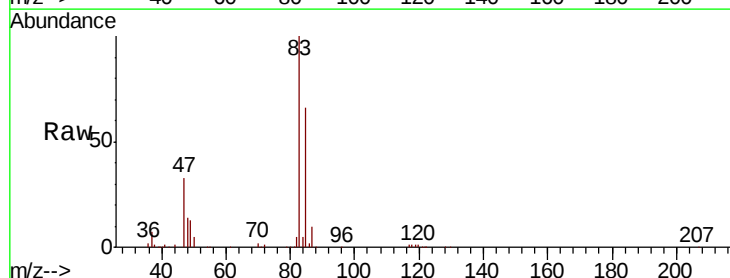
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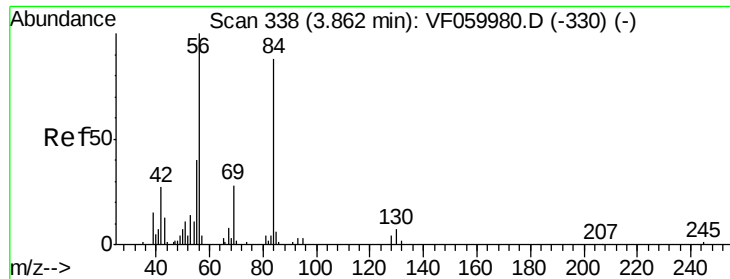
apatel
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#30
Chloroform
Concen: 52.48 ug/l
RT: 4.03 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	48.8	73.2





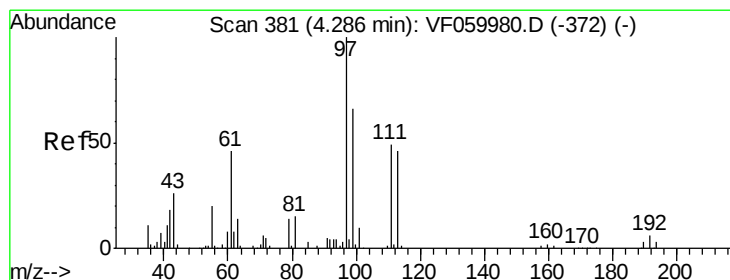
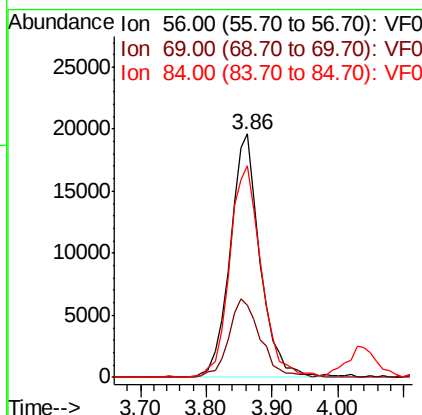
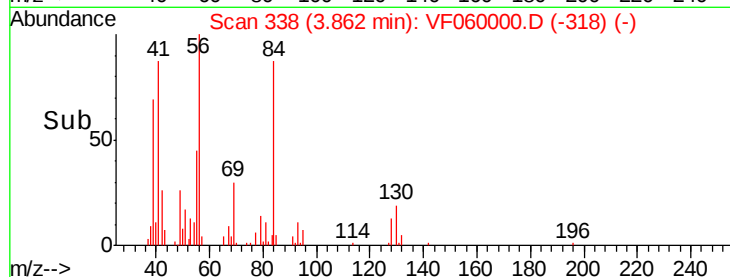
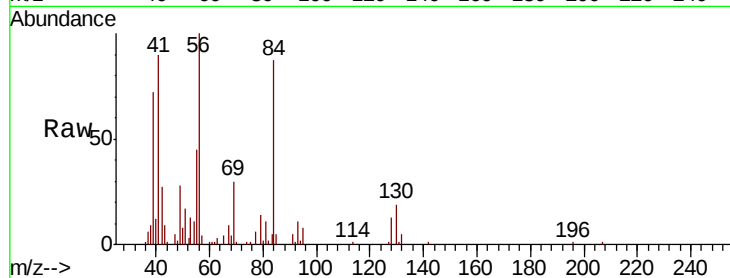
#31
Cyclohexane
Concen: 49.37 ug/l
RT: 3.86 min Scan# 338
Delta R.T. 0.00 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	29.6	22.8	34.2	
84	86.8	70.7	106.1	

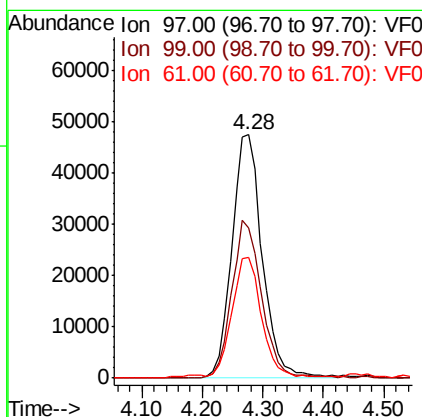
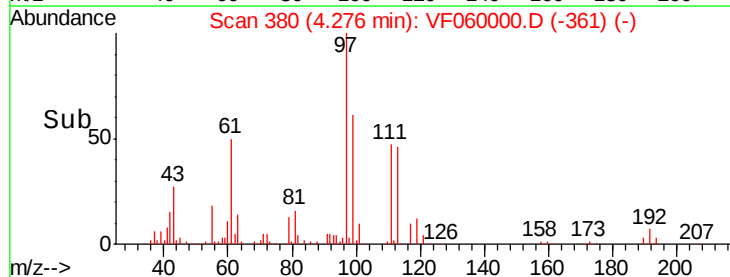
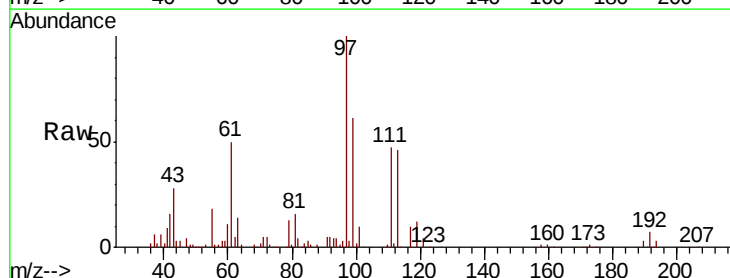
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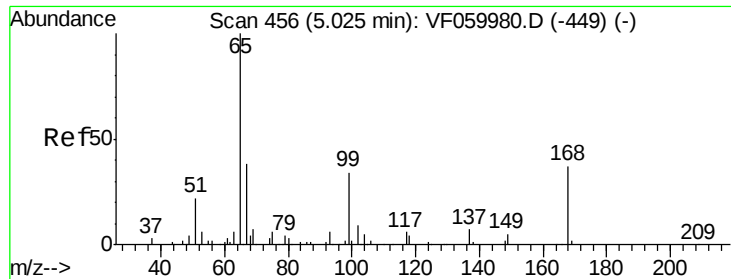
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#32
1,1,1-Trichloroethane
Concen: 53.10 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	61.5	53.1	79.7	
61	49.7	38.2	57.2	





#33

1,2-Dichloroethane-d4

Concen: 51.59 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF060000.D

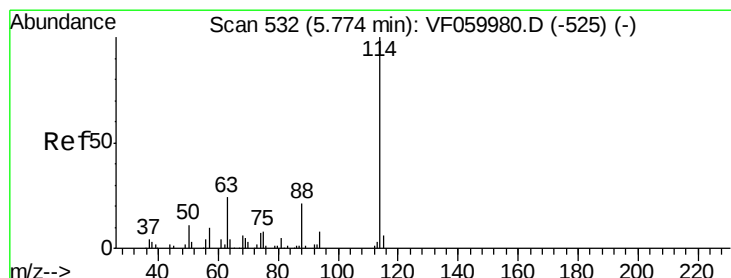
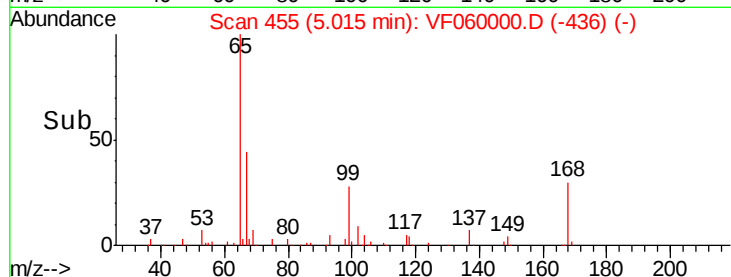
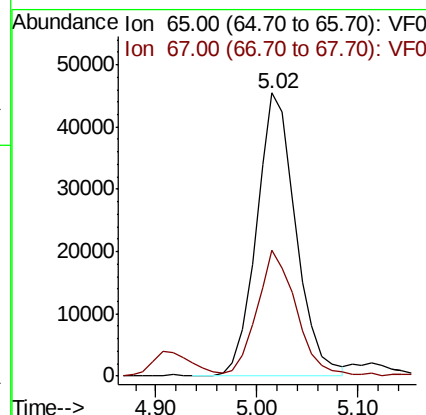
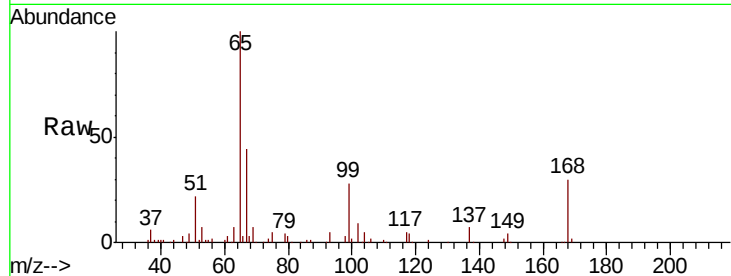
Acq: 20 Aug 2018 13:59

Tot Ion:	65	Resp:	123222
Ion Ratio	Lower	Upper	
65	100		
67	44.4	0.0	82.6

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

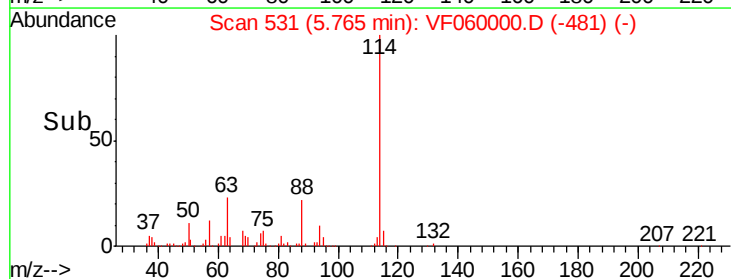
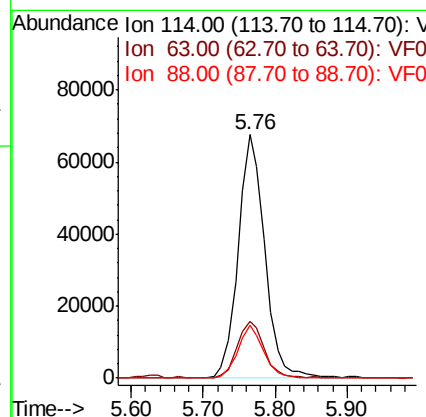
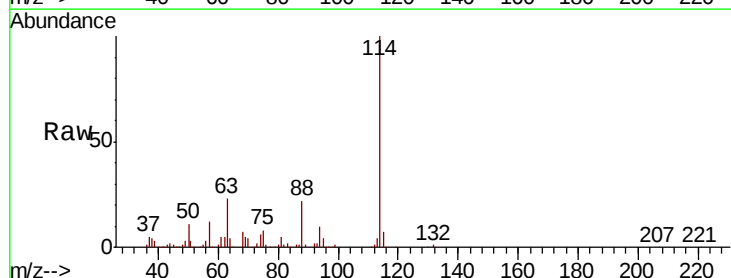
RT: 5.76 min Scan# 531

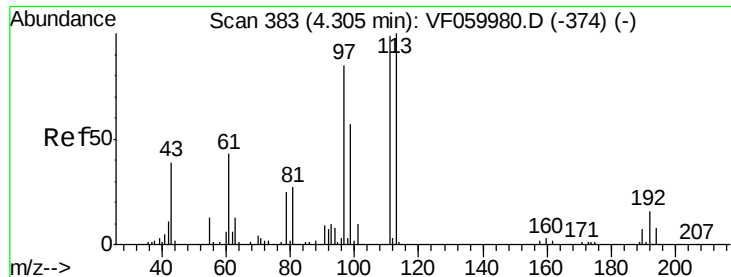
Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Tgt Ion:	114	Resp:	173171
Ion Ratio	Lower	Upper	
114	100		
63	23.4	0.0	48.6
88	21.7	0.0	42.8





#35

Dibromofluoromethane

Concen: 52.00 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

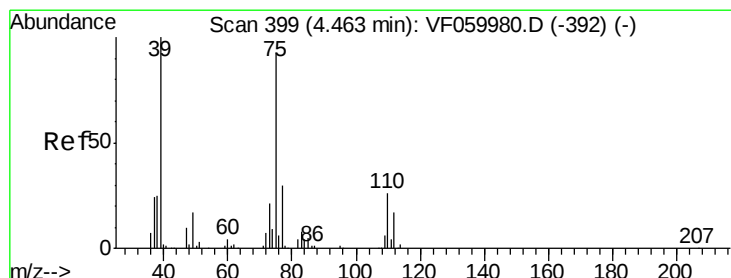
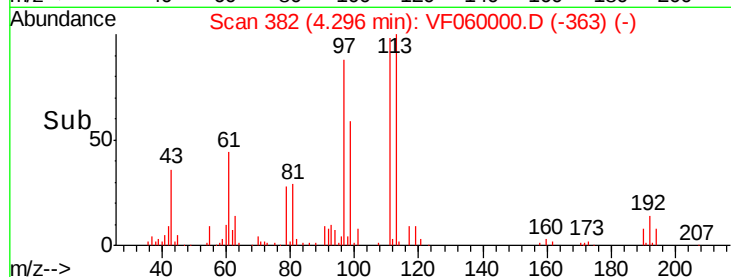
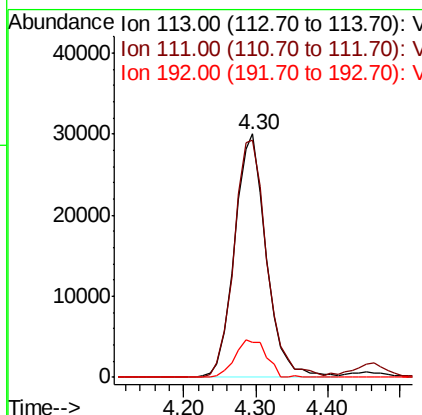
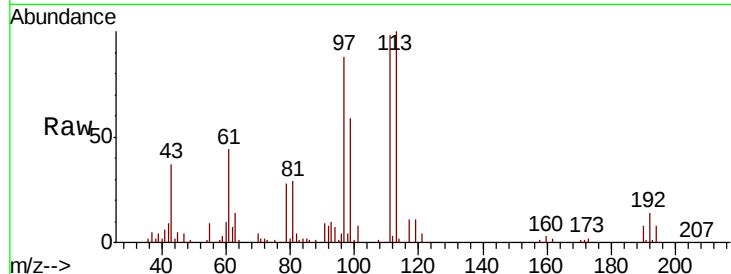
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	92025
Ion	Ratio	Lower	Upper
113	100		
111	97.6	79.5	119.3
192	14.4	12.4	18.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.00 ug/l

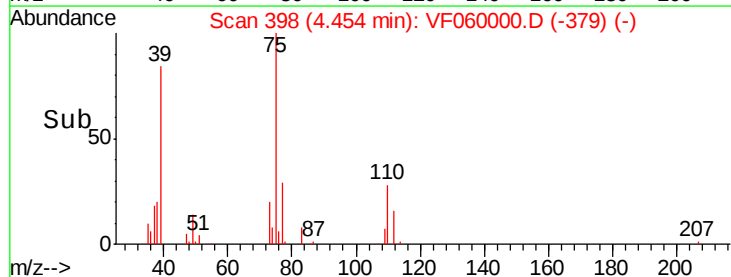
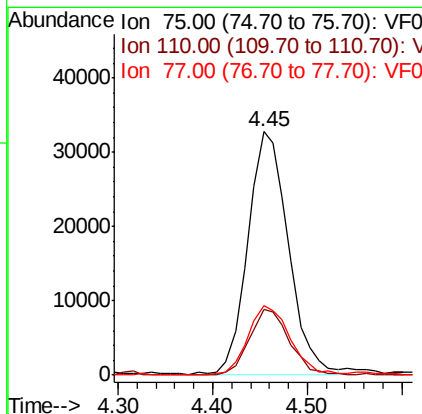
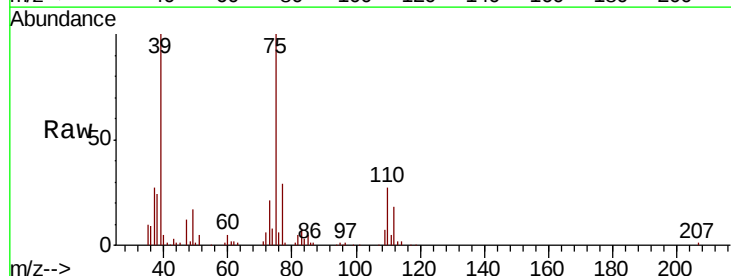
RT: 4.45 min Scan# 398

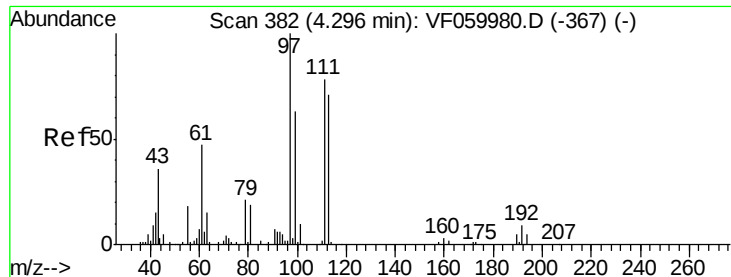
Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Tgt Ion:	75	Resp:	96644
Ion	Ratio	Lower	Upper
75	100		
110	27.2	13.8	41.4
77	28.7	25.8	38.8





#37

Ethyl Acetate

Concen: 51.75 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

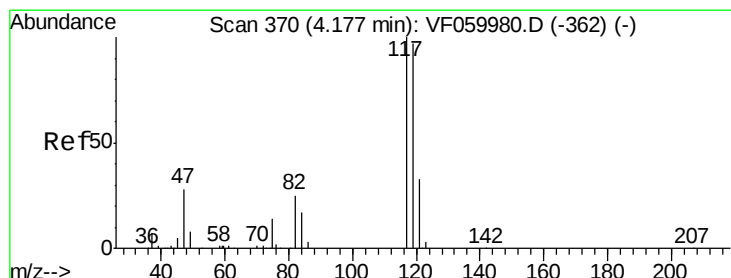
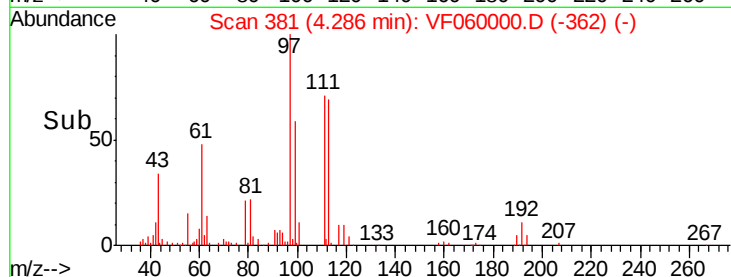
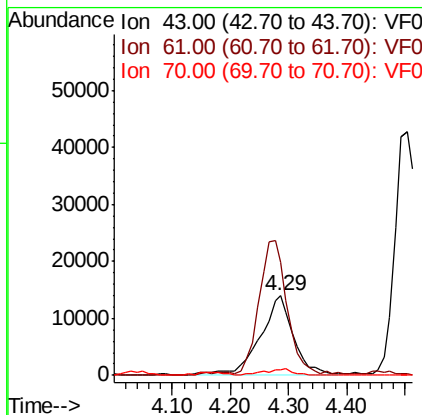
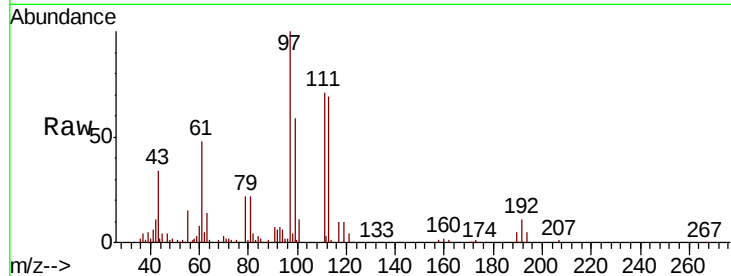
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	56413
Ion Ratio	Lower	Upper	
43	100		
61	142.1	104.5	156.7
70	7.4	5.9	8.9

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 54.56 ug/l

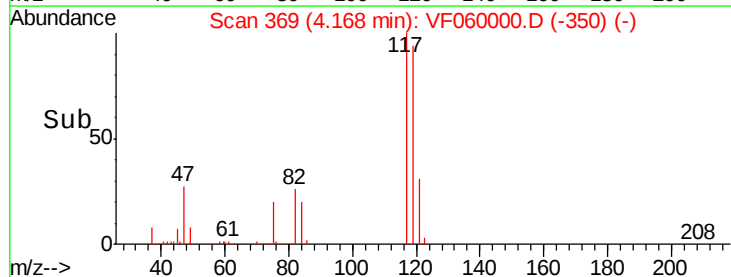
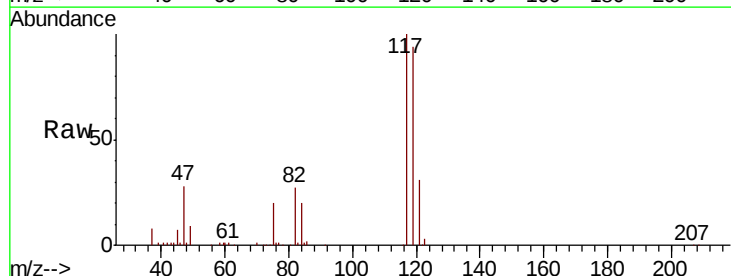
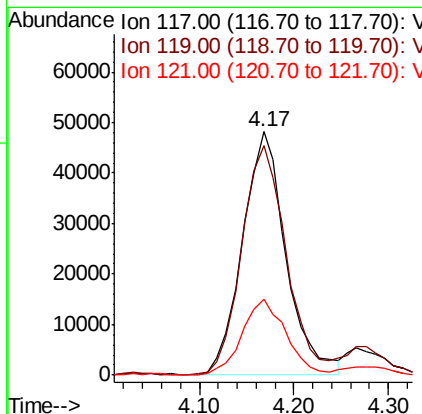
RT: 4.17 min Scan# 369

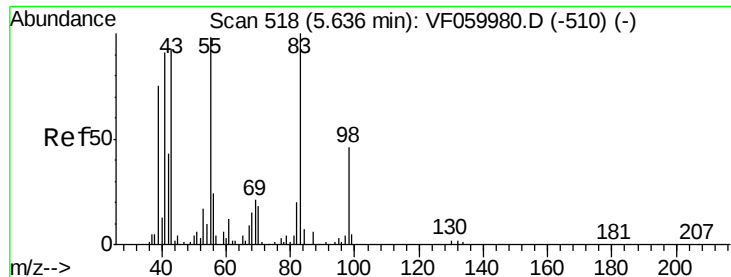
Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Tgt Ion:	117	Resp:	154359
Ion Ratio	Lower	Upper	
117	100		
119	94.1	77.8	116.6
121	31.2	26.0	39.0





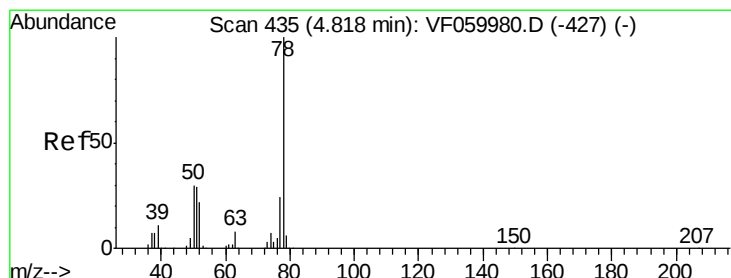
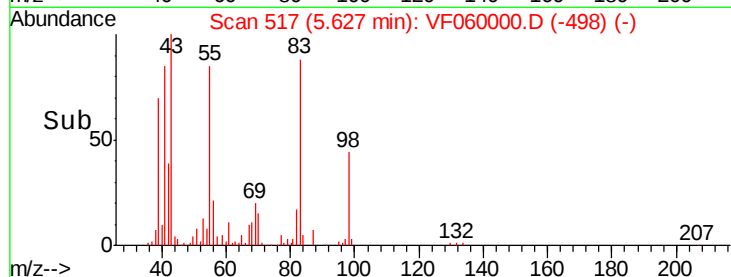
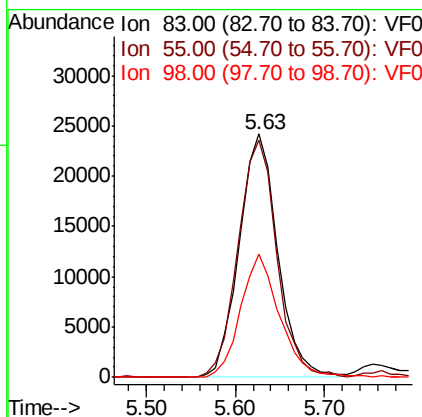
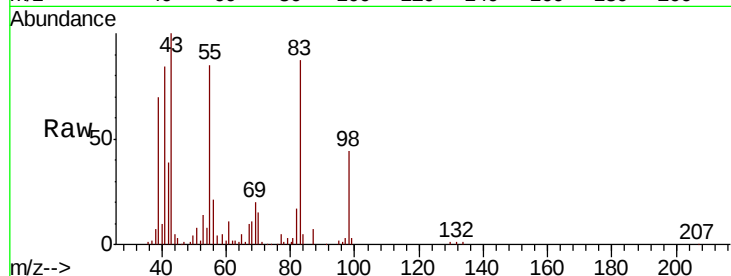
#39
Methvlcvclohexane
Concen: 49.00 ug/l
RT: 5.63 min Scan# 517
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	97.2	78.8	118.2
98	50.6	36.8	55.2

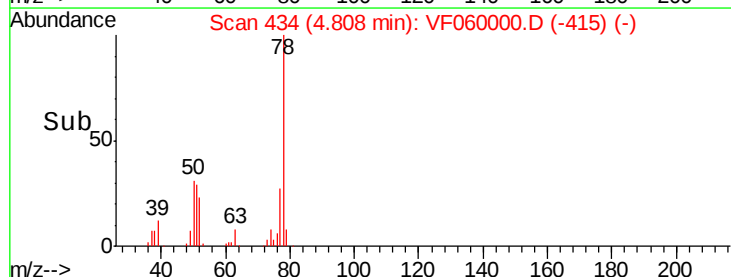
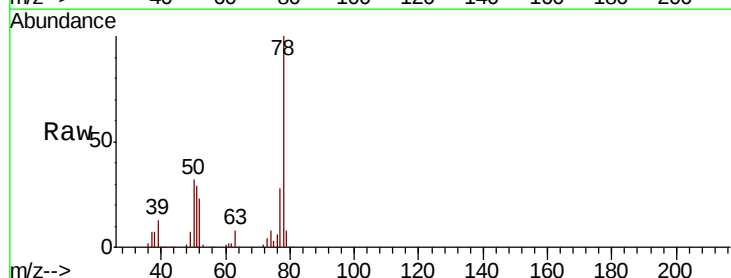
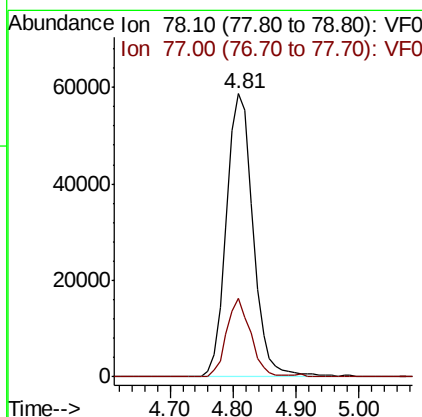
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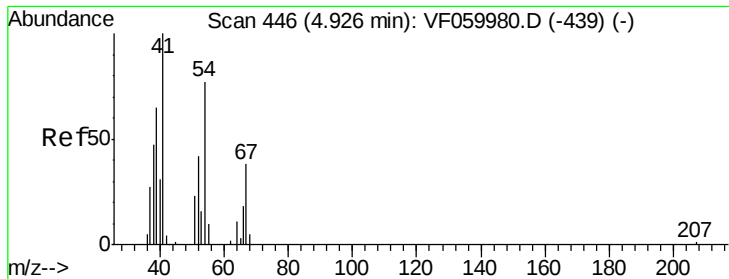
apatel
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#40
Benzene
Concen: 51.73 ug/l
RT: 4.81 min Scan# 434
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	27.7	19.1	28.7





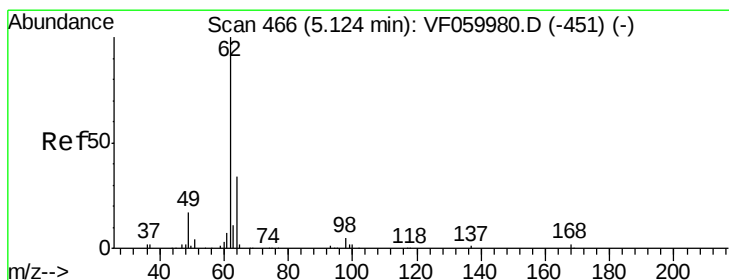
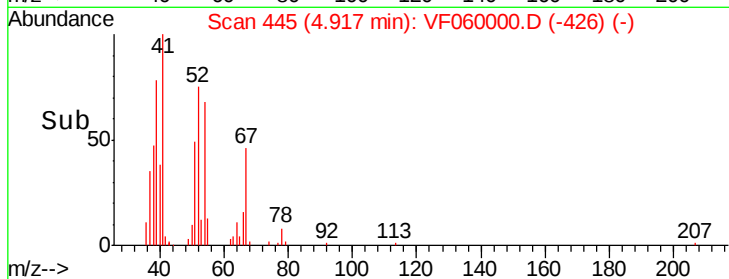
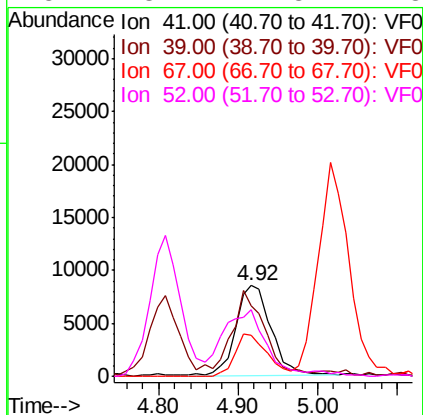
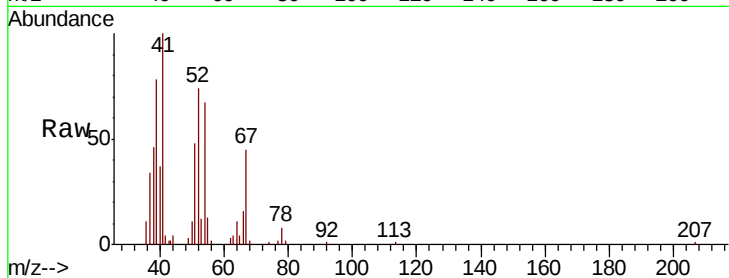
#41
Methacrylonitrile
Concen: 49.97 ug/l
RT: 4.92 min Scan# 445
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	78.0	62.9	94.3	
67	45.1	30.4	45.6	
52	73.7	47.8	71.8	

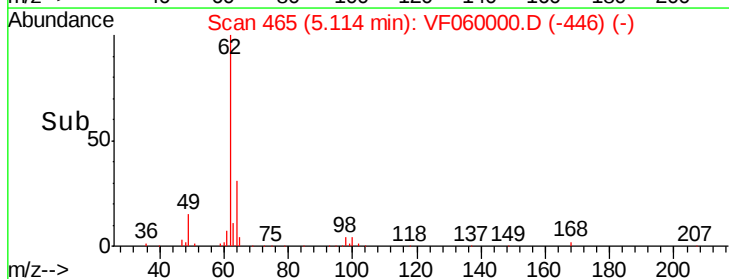
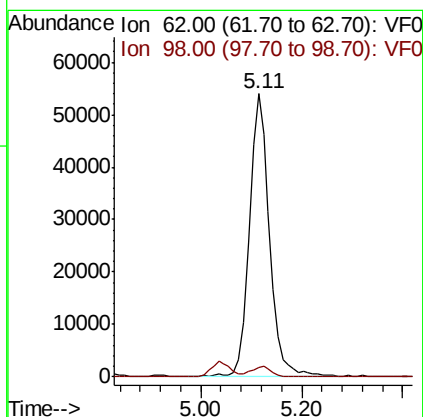
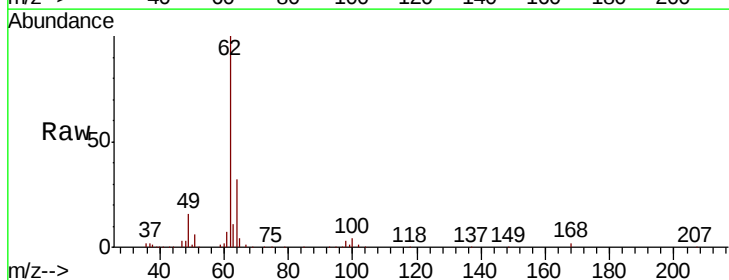
Manual Integrations
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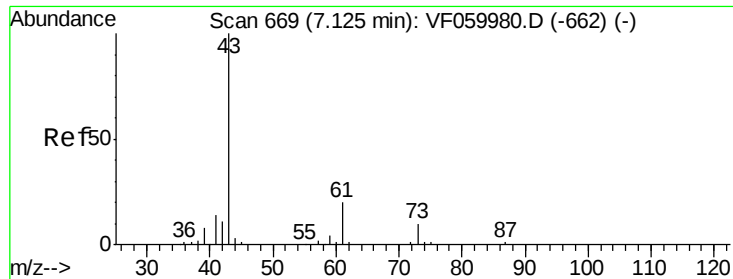
apatel
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#42
1,2-Dichloroethane
Concen: 53.16 ug/l
RT: 5.11 min Scan# 465
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	3.5	0.0	9.0	





#43

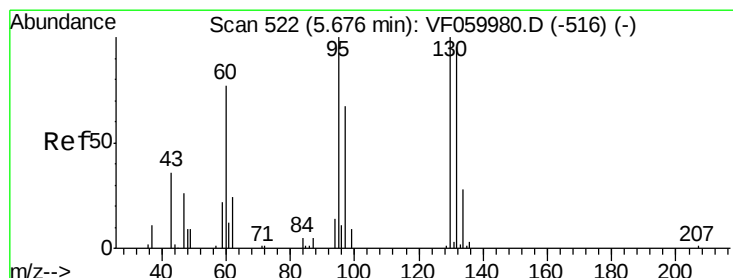
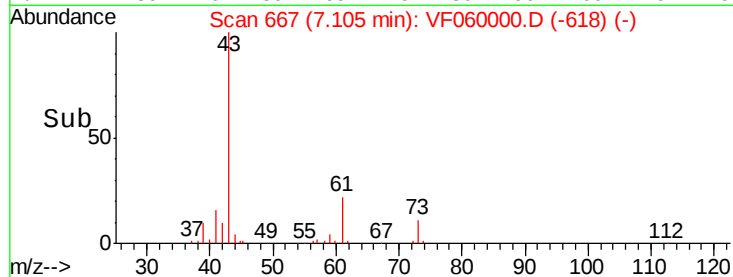
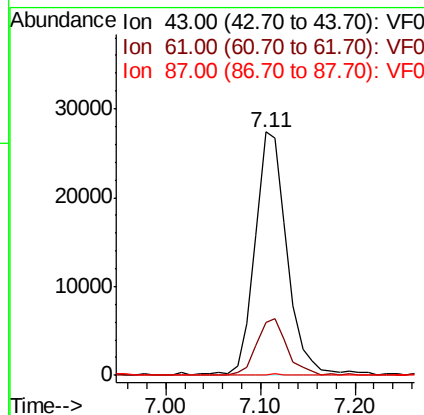
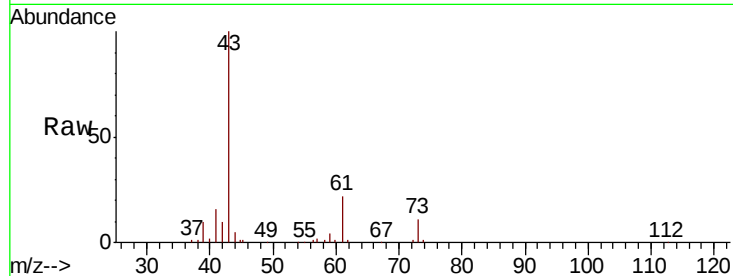
Isopropyl Acetate
 Concen: 52.78 ug/l
 RT: 7.11 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: VF060000.D
 Acq: 20 Aug 2018 13:59

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	15.8	23.8
87	0.0	0.6	0.8#

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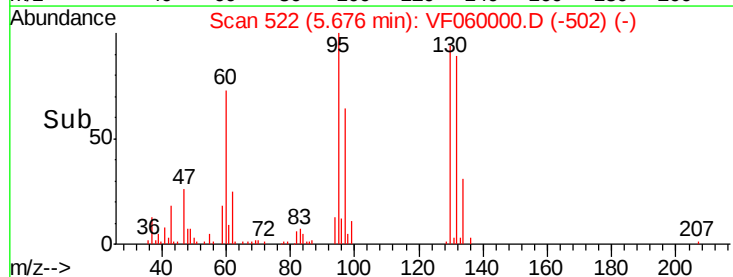
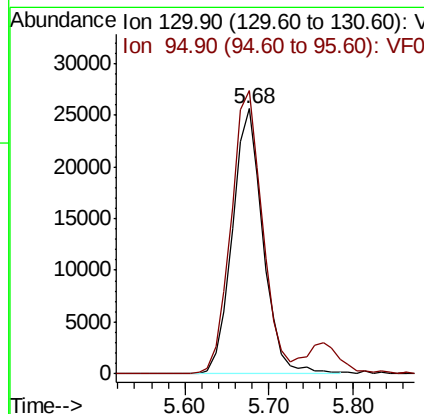
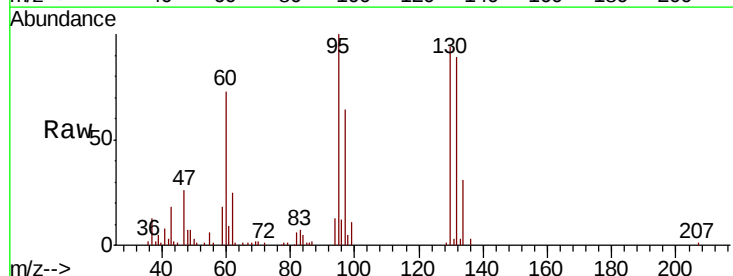
apatel
 8/21/2018 10:01:30 AM

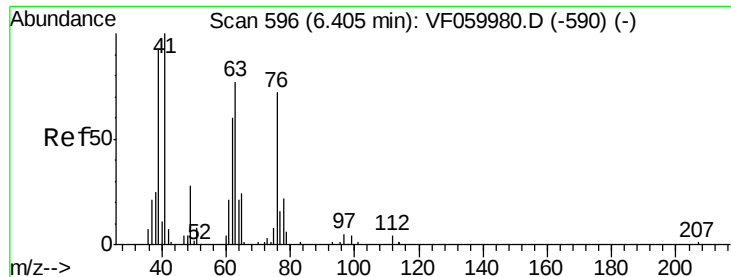


#44

Trichloroethene
 Concen: 49.84 ug/l
 RT: 5.68 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: VF060000.D
 Acq: 20 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.8	0.0	201.8





#45

1,2-Dichloropropane

Concen: 50.55 ug/l

RT: 6.40 min Scan# 595

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 48277

Ion Ratio Lower Upper

63 100

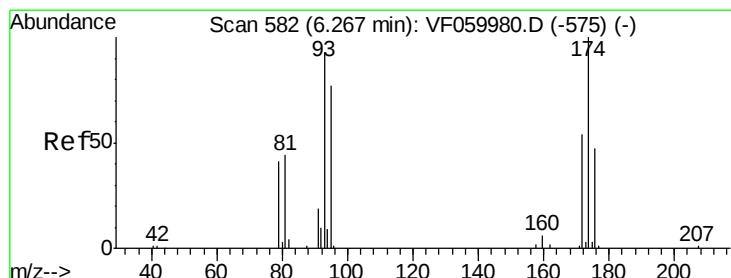
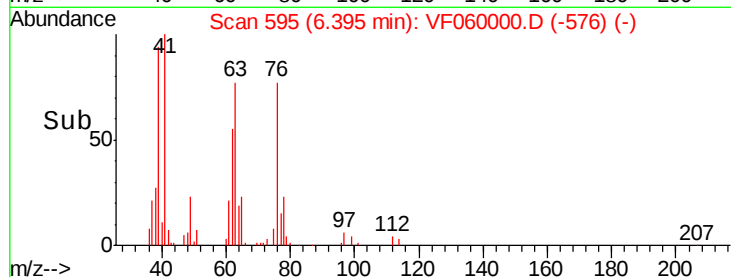
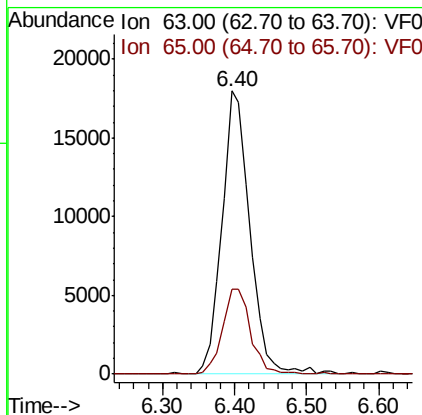
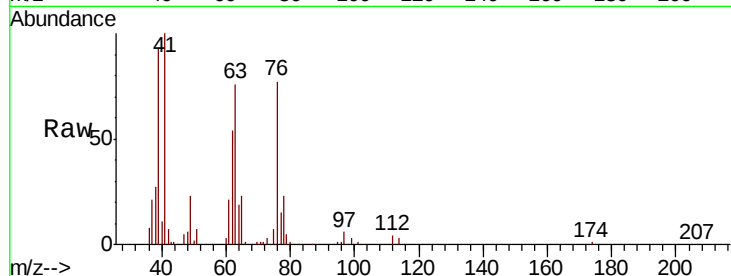
65 30.1 25.0 37.6

Manual Integrations

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#46

Dibromomethane

Concen: 51.95 ug/l

RT: 6.26 min Scan# 581

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

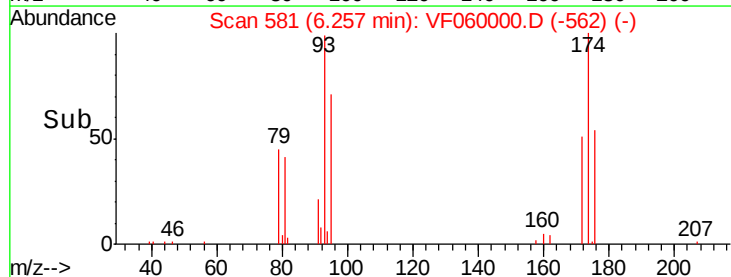
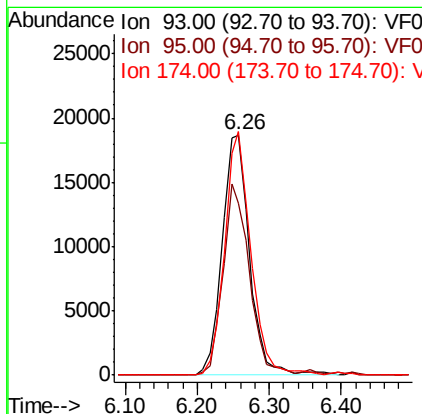
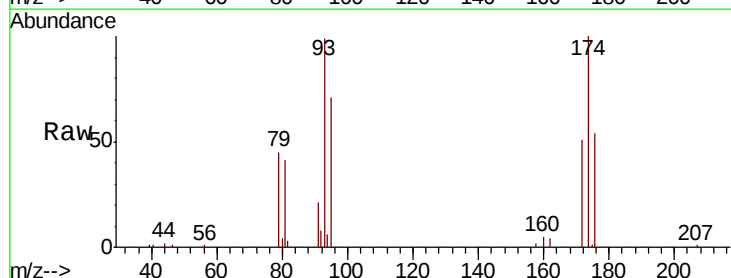
Tgt Ion: 93 Resp: 48929

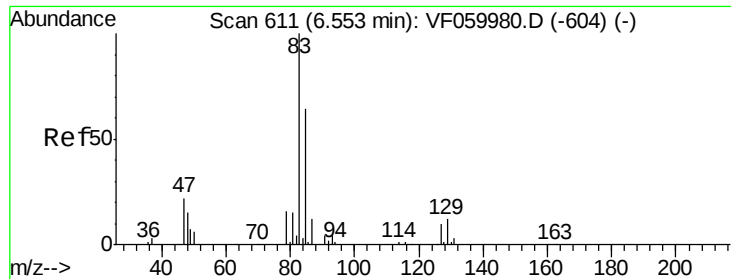
Ion Ratio Lower Upper

93 100

95 71.7 67.0 100.4

174 101.3 85.7 128.5





#47

Bromodichloromethane

Concen: 54.10 ug/l

RT: 6.55 min Scan# 611

Delta R.T. 0.00 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

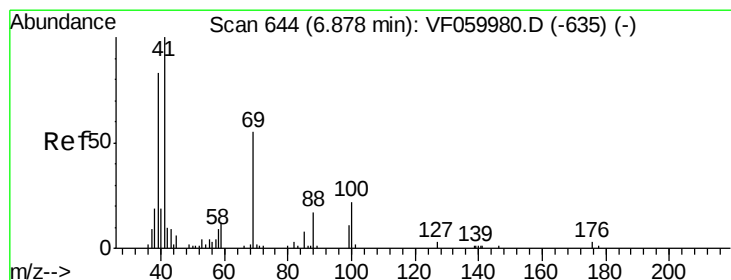
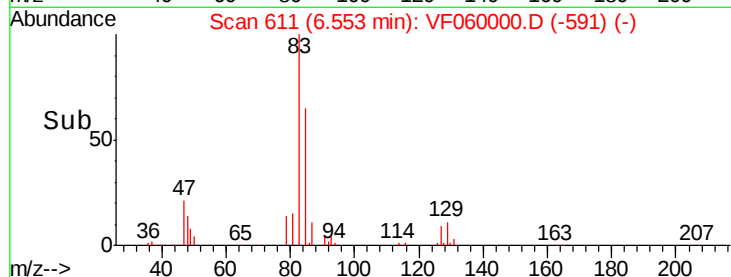
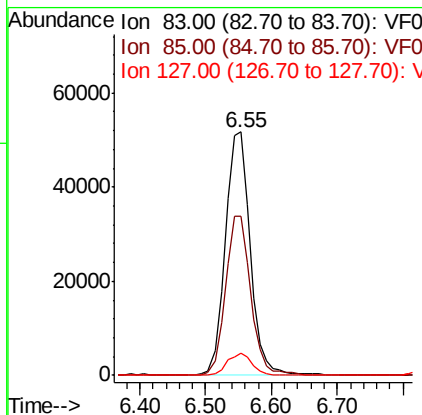
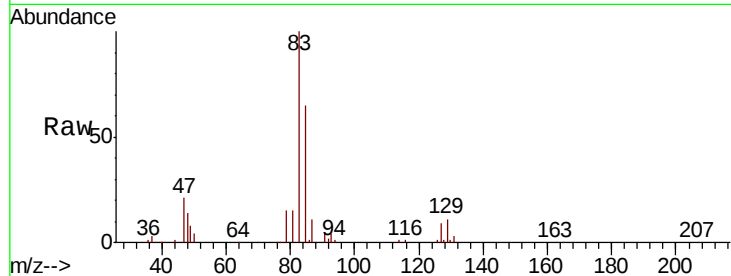
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	137552
Ion Ratio	Lower	Upper	
83	100		
85	65.4	51.4	77.0
127	9.2	8.2	12.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.24 ug/l

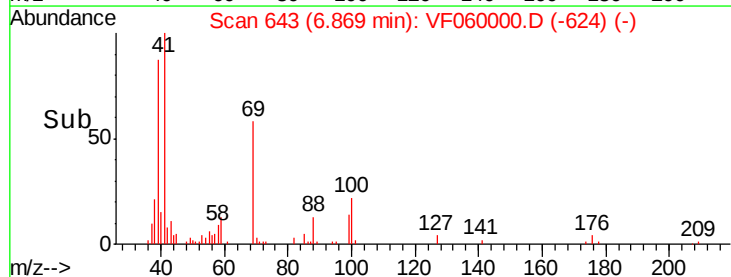
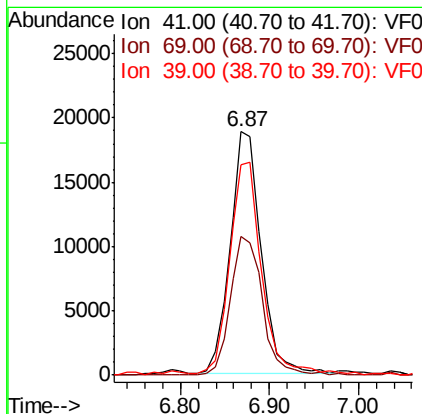
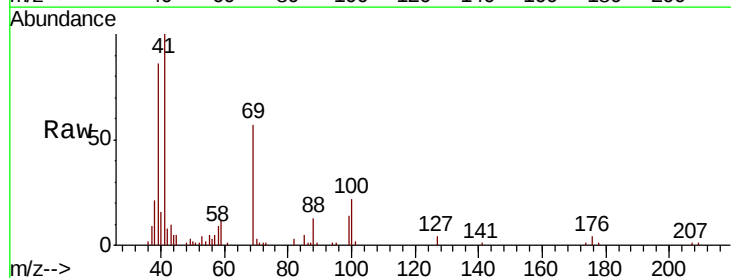
RT: 6.87 min Scan# 643

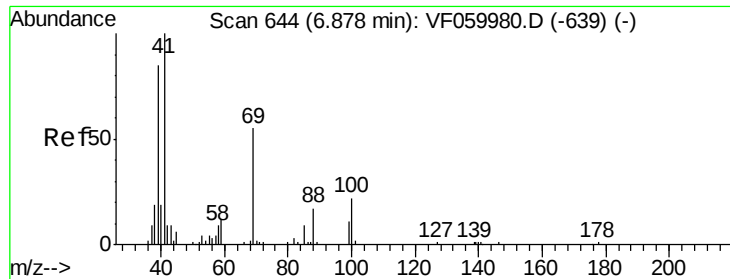
Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Tgt Ion:	41	Resp:	45764
Ion Ratio	Lower	Upper	
41	100		
69	57.1	44.4	66.6
39	86.5	67.8	101.6





#49

1,4-Dioxane

Concen: 959.17 ug/l

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

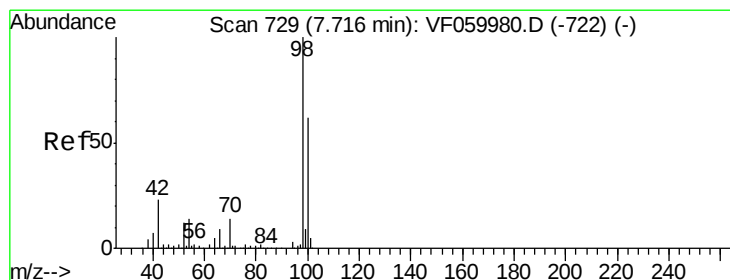
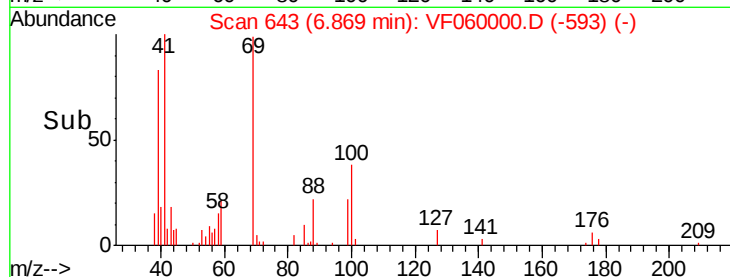
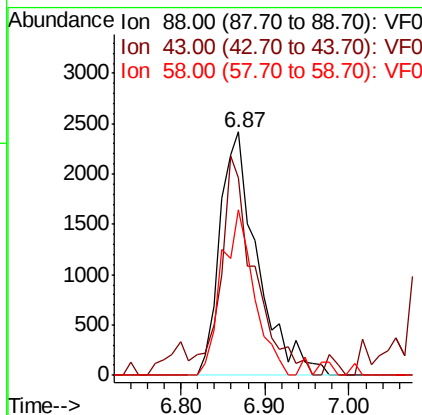
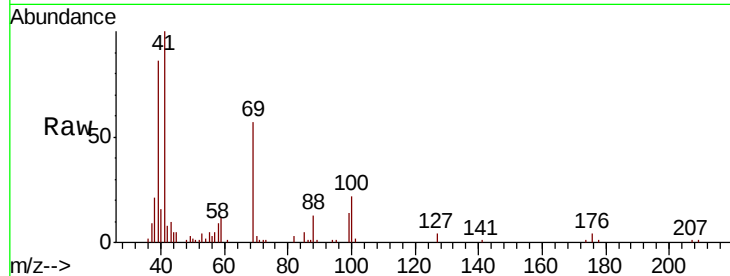
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	80.9	43.2	64.8#
58	68.2	42.0	63.0#

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#50

Toluene-d8

Concen: 52.22 ug/l

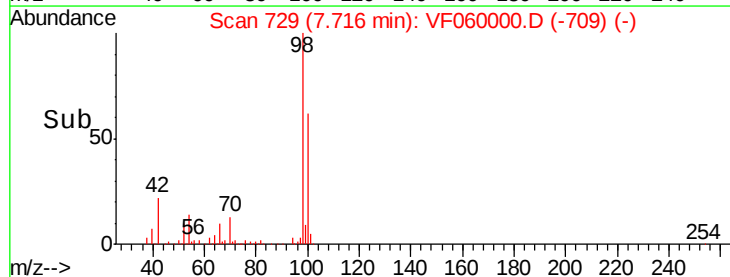
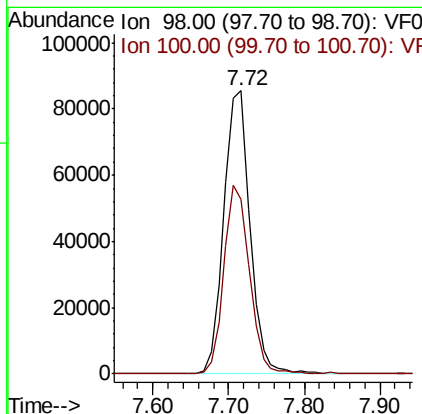
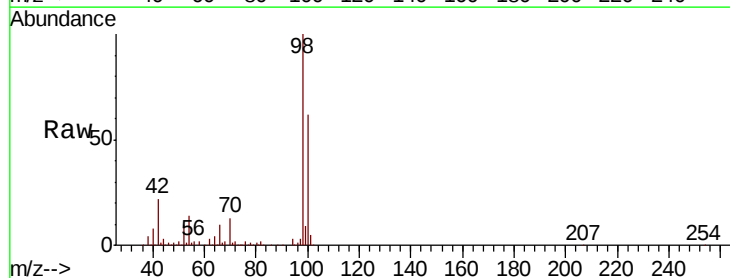
RT: 7.72 min Scan# 729

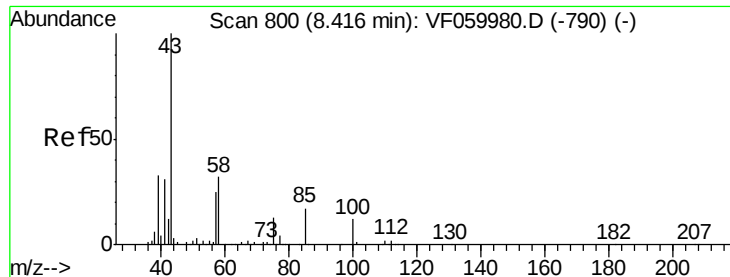
Delta R.T. 0.00 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	61.8	49.8	74.8





#51

4-Methyl-2-Pentanone

Concen: 264.02 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 295935

Ion Ratio Lower Upper

43 100

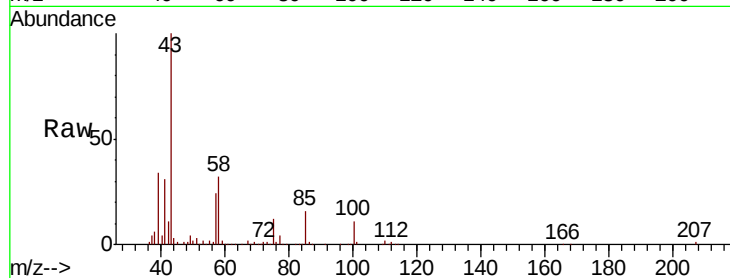
58 31.9 25.6 38.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

150000

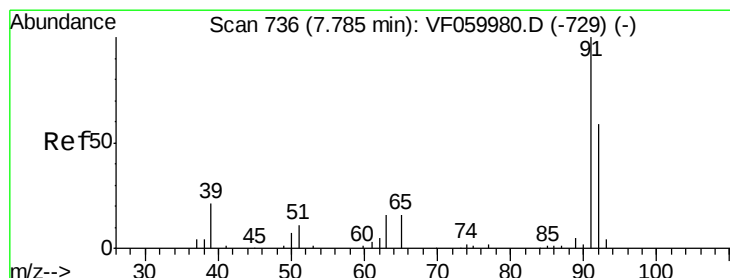
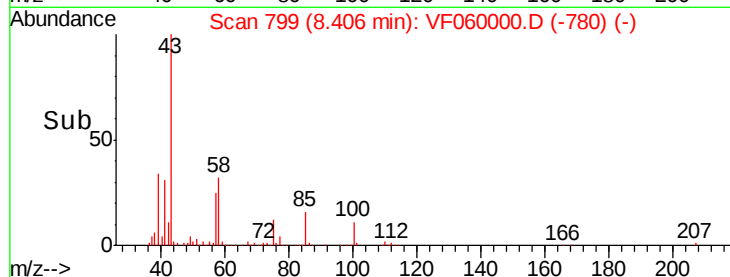
100000

50000

0

8.30 8.40 8.50 8.60

Time-->



#52

Toluene

Concen: 51.01 ug/l

RT: 7.78 min Scan# 735

Delta R.T. -0.01 min

Lab File: VF060000.D

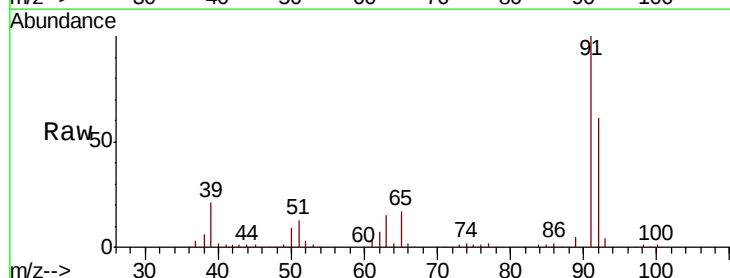
Acq: 20 Aug 2018 13:59

Tgt Ion: 92 Resp: 127445

Ion Ratio Lower Upper

92 100

91 164.5 136.5 204.7



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

100000

80000

60000

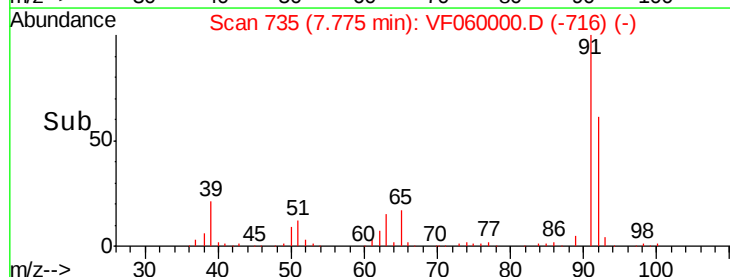
40000

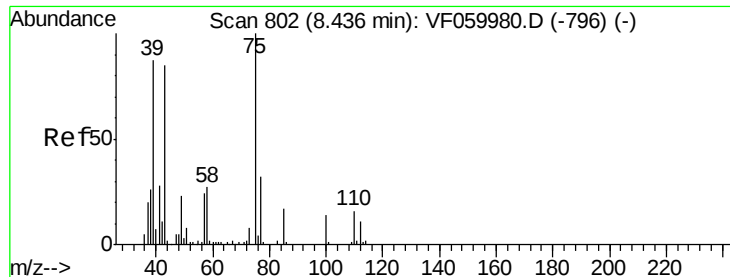
20000

0

7.70 7.80 7.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.25 ug/l

RT: 8.43 min Scan# 801

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 116348

Ion Ratio Lower Upper

75 100

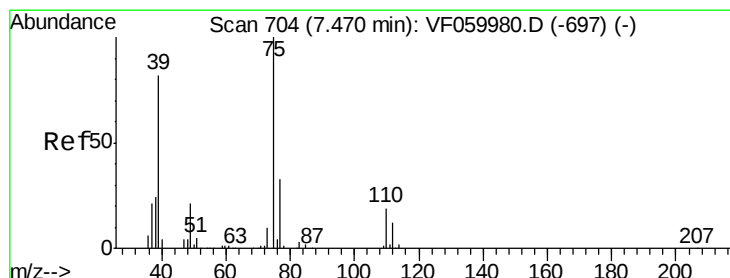
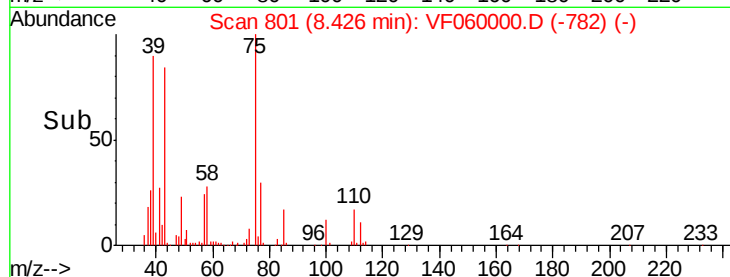
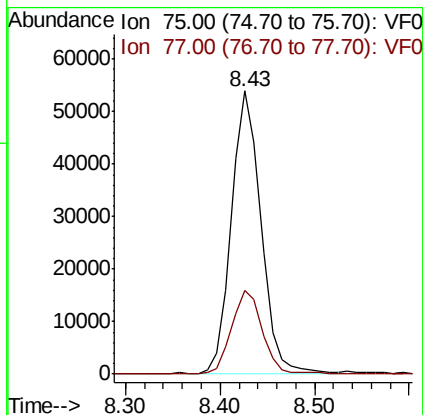
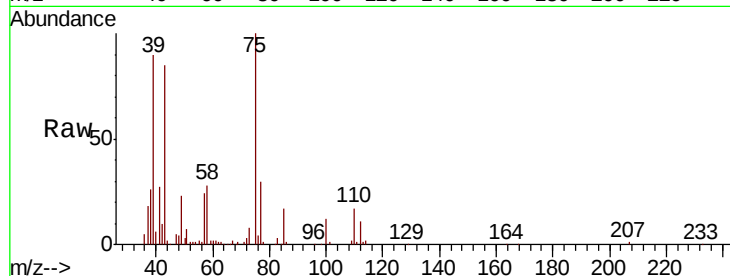
77 29.5 25.8 38.6

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#54

cis-1,3-Dichloropropene

Concen: 54.75 ug/l

RT: 7.46 min Scan# 703

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

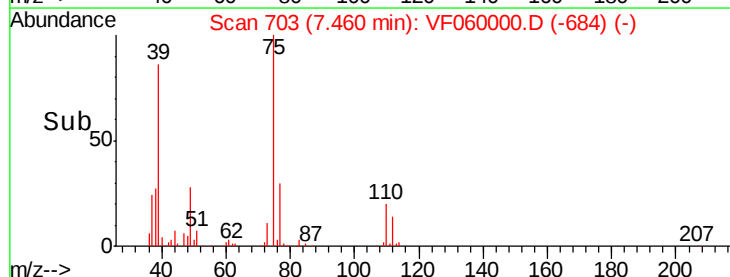
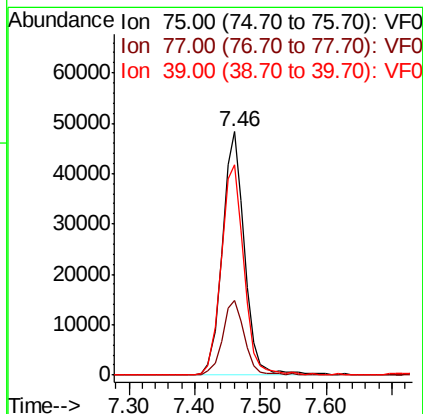
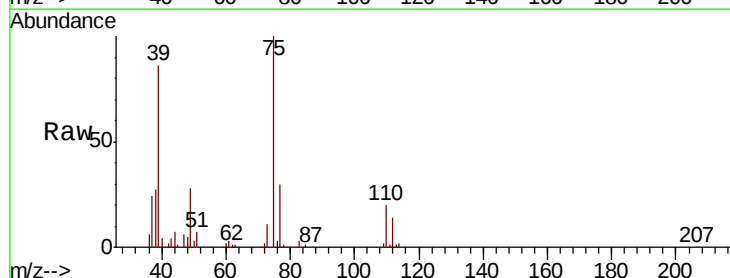
Tgt Ion: 75 Resp: 113372

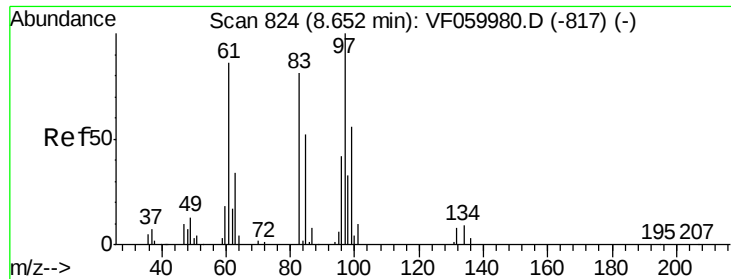
Ion Ratio Lower Upper

75 100

77 30.5 26.0 39.0

39 86.2 65.3 97.9





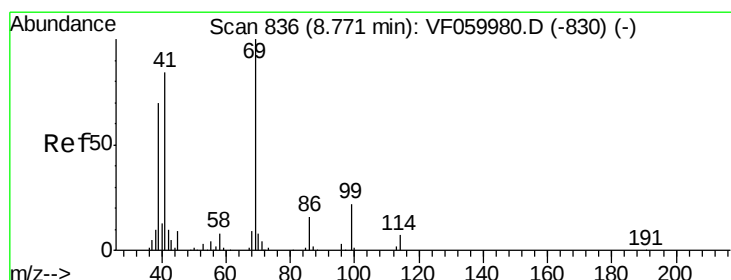
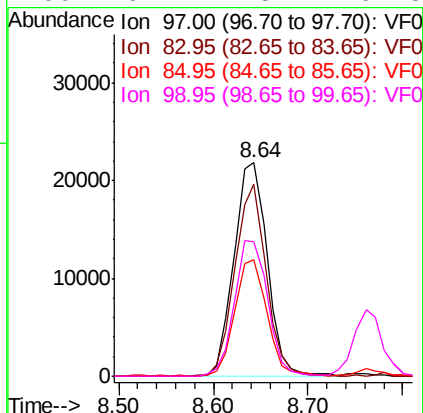
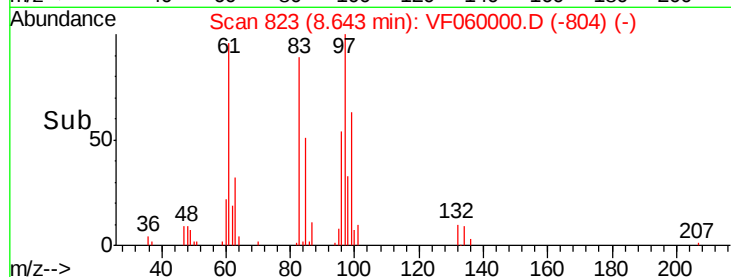
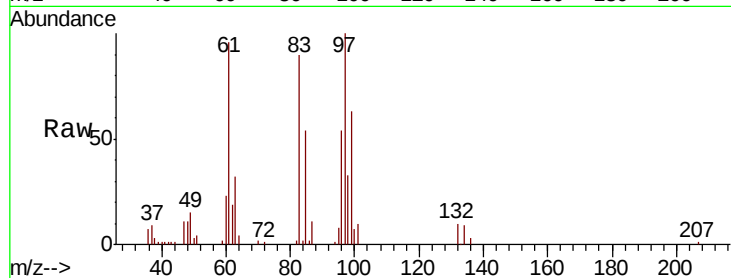
#55
 1,1,2-Trichloroethane
 Concen: 53.10 ug/l
 RT: 8.64 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: VF060000.D
 Acq: 20 Aug 2018 13:59

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	53225
Ion	Ratio	Lower	Upper
97	100		
83	89.7	64.9	97.3
85	54.4	41.8	62.6
99	62.7	45.2	67.8

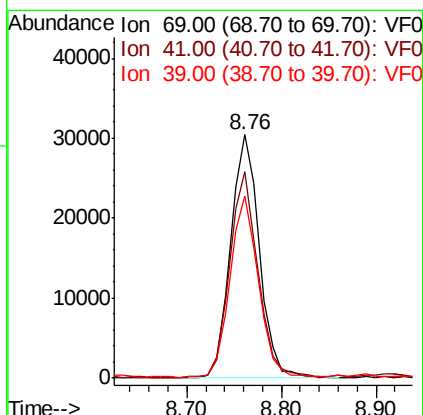
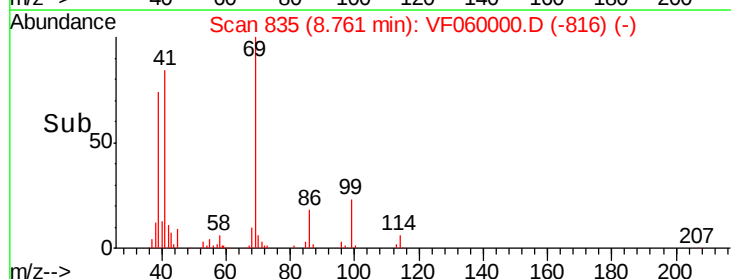
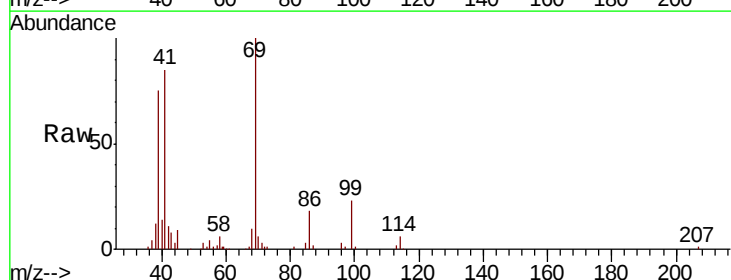
Manual Integrations
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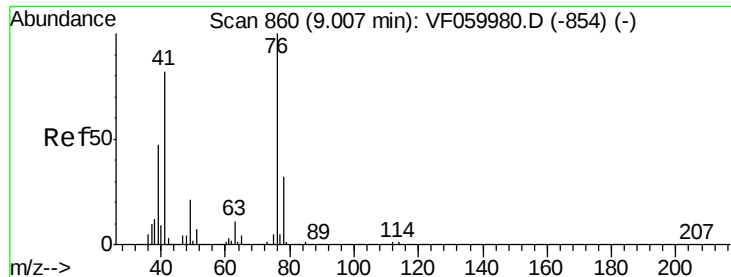
apatel
 8/21/2018 10:01:30 AM



#56
 Ethyl methacrylate
 Concen: 54.85 ug/l
 RT: 8.76 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: VF060000.D
 Acq: 20 Aug 2018 13:59

Tgt Ion:	69	Resp:	63704
Ion	Ratio	Lower	Upper
69	100		
41	84.6	67.8	101.6
39	75.1	55.8	83.6





#57

1,3-Dichloropropane

Concen: 53.01 ug/l

RT: 9.00 min Scan# 859

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 94708

Ion Ratio Lower Upper

76 100

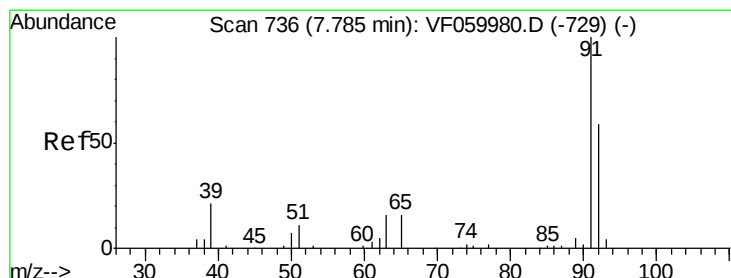
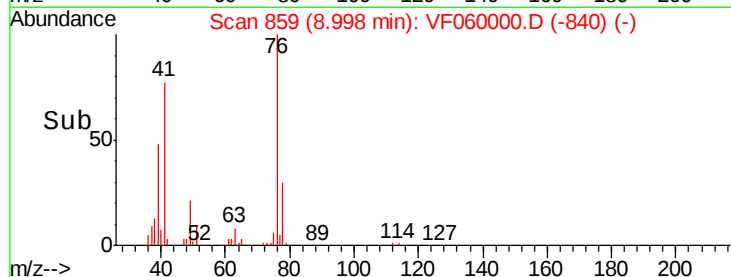
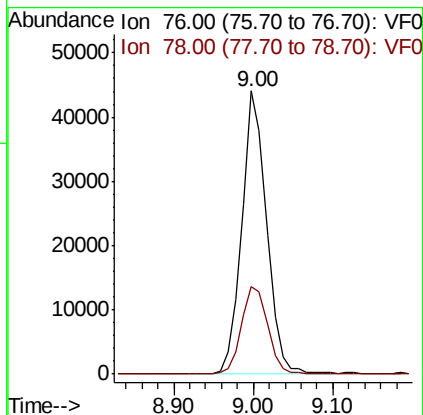
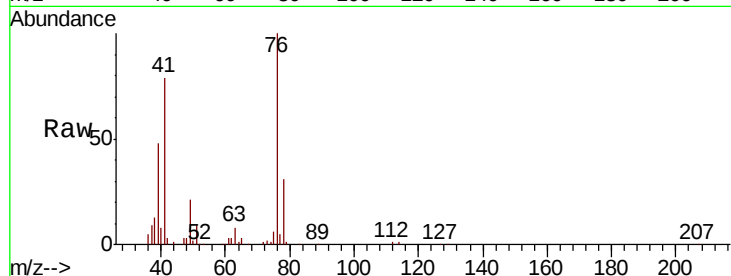
78 30.7 25.3 37.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 329.10 ug/l

RT: 7.78 min Scan# 735

Delta R.T. -0.01 min

Lab File: VF060000.D

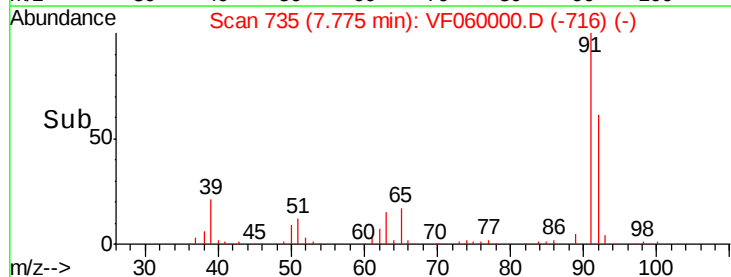
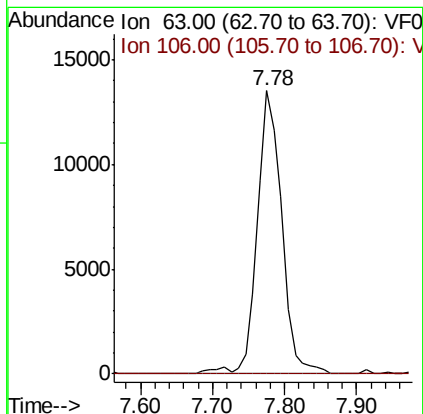
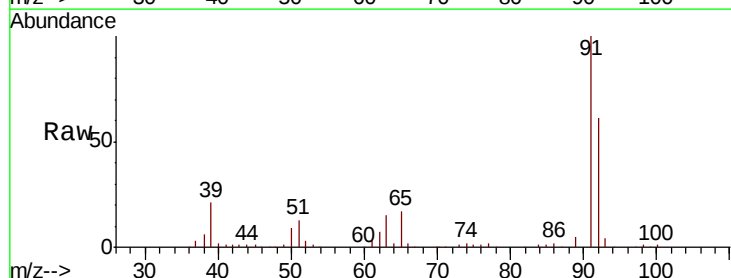
Acq: 20 Aug 2018 13:59

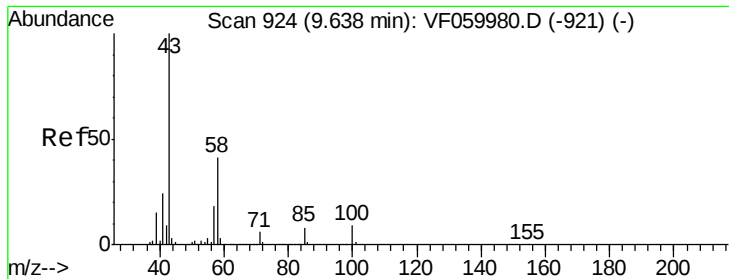
Tgt Ion: 63 Resp: 32055

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0





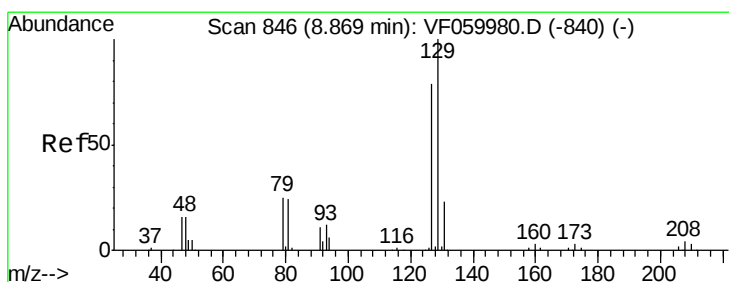
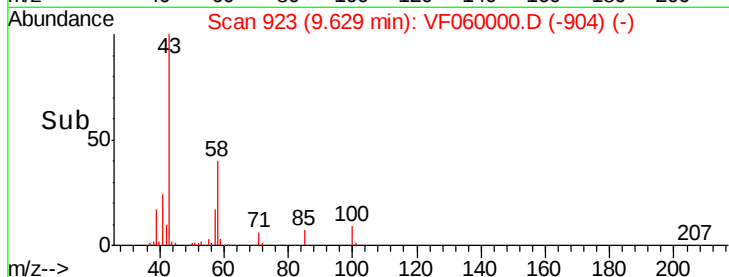
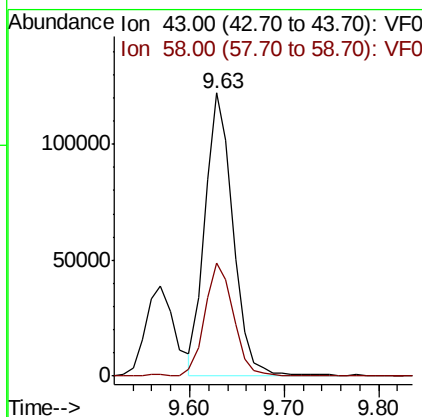
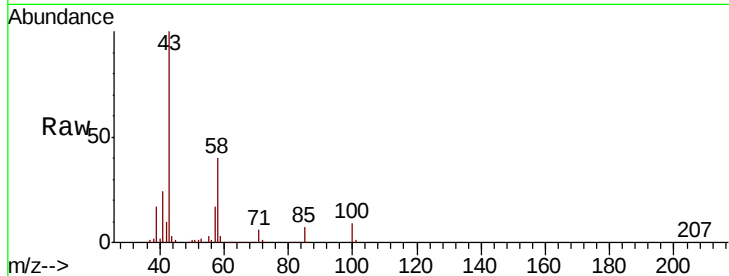
#59
2-Hexanone
Concen: 270.65 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.1	20.1	60.3

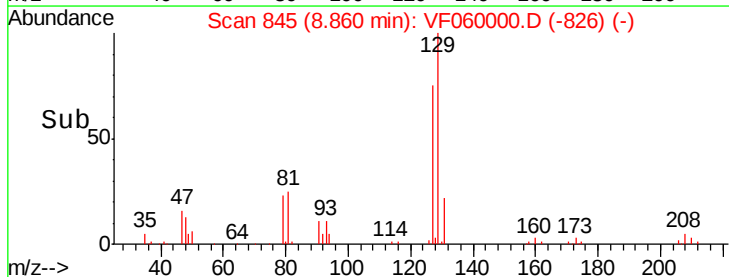
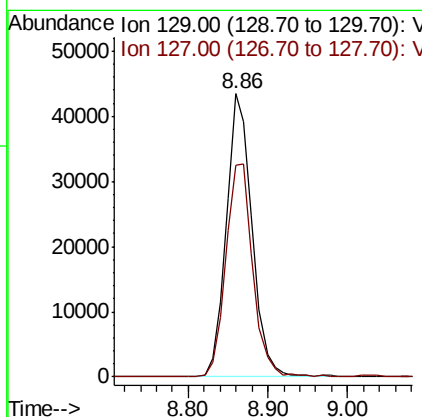
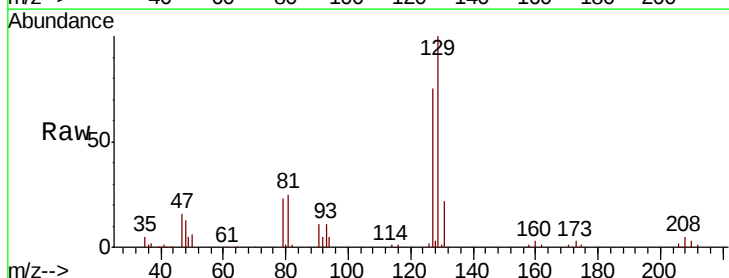
Manual Integrations
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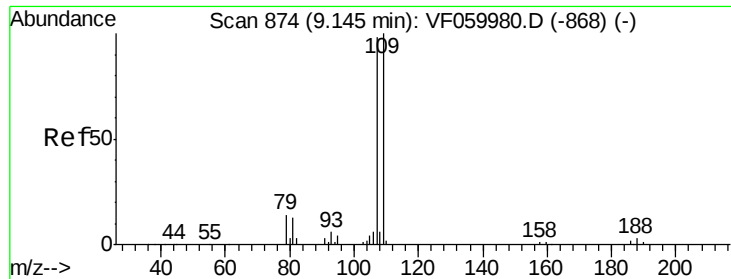
apatel
8/21/2018 10:01:30 AM



#60
Dibromochloromethane
Concen: 53.90 ug/l
RT: 8.86 min Scan# 845
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
129	100		
127	74.9	39.5	118.5





#61

1,2-Dibromoethane

Concen: 52.34 ug/l

RT: 9.14 min Scan# 873

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 65458

Ion Ratio Lower Upper

107 100

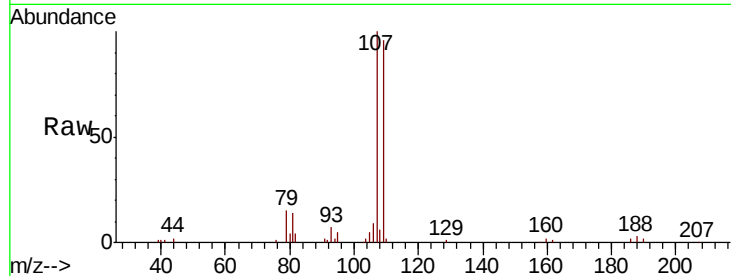
109 96.3 81.7 122.5

Manual Integrations

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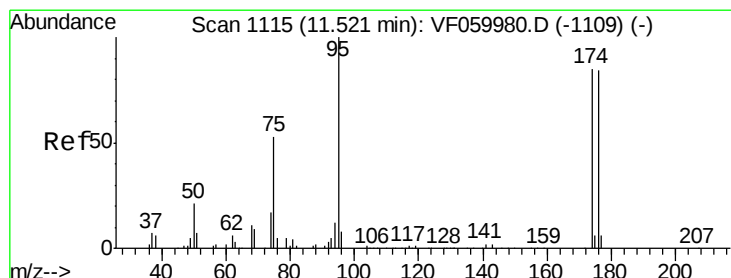
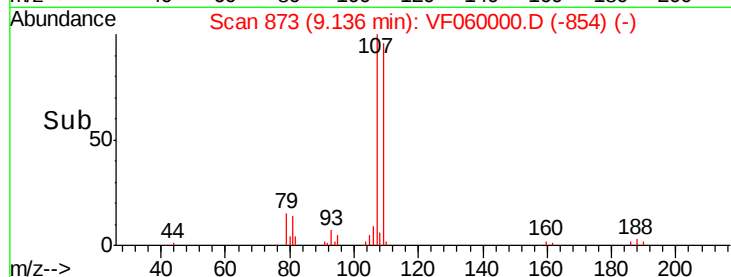
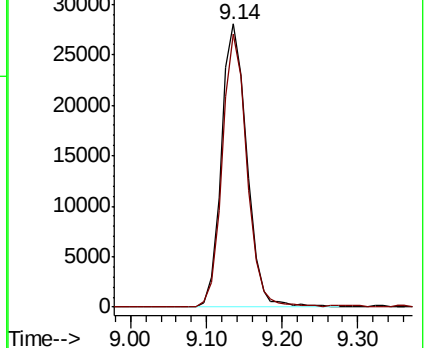
apatel

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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: 54.28 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

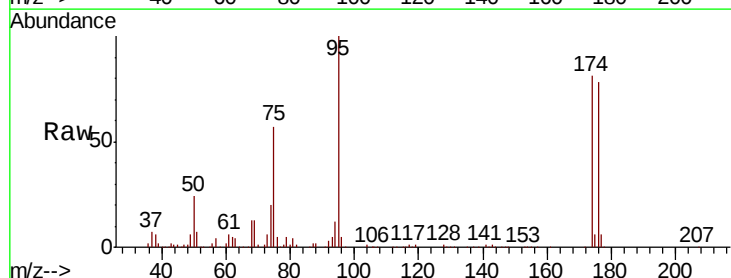
Tgt Ion: 95 Resp: 131105

Ion Ratio Lower Upper

95 100

174 81.0 0.0 169.8

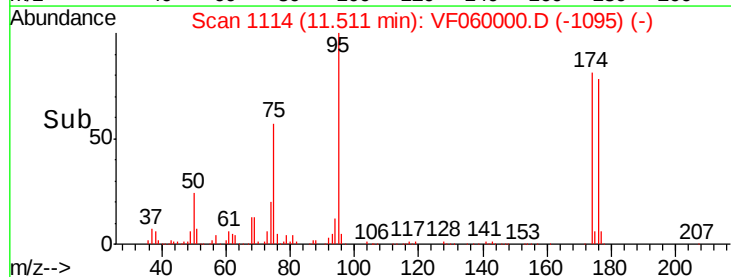
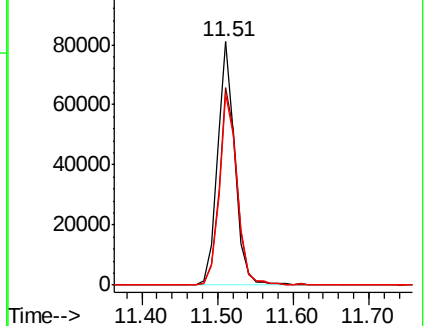
176 78.4 0.0 167.8

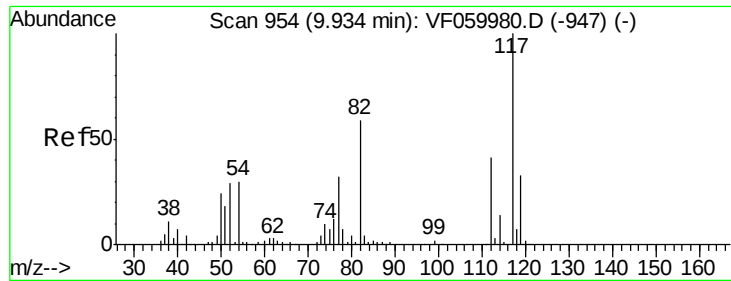


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





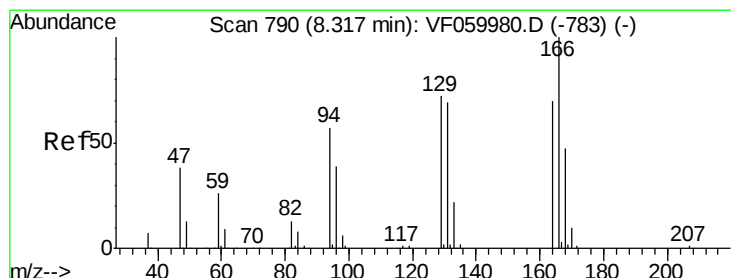
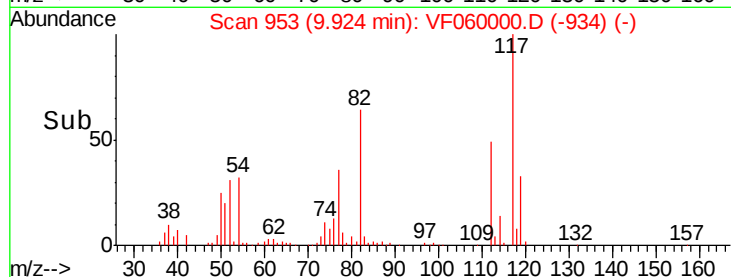
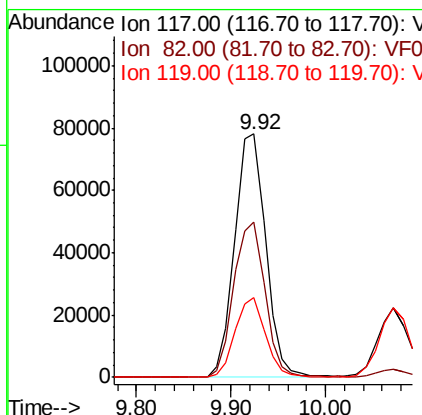
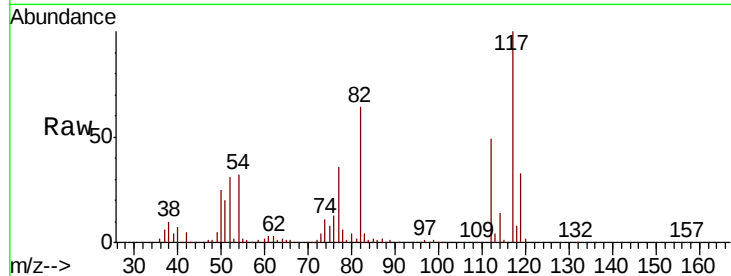
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	179009		
82	63.5	47.2	70.8	
119	32.7	26.1	39.1	

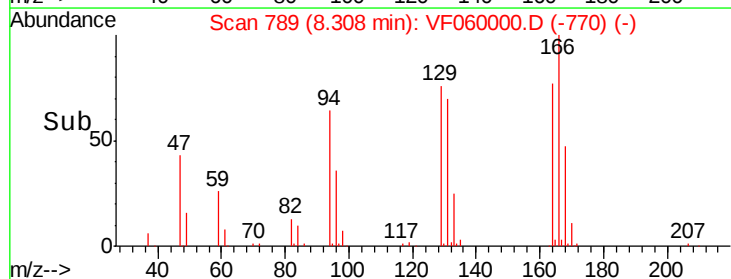
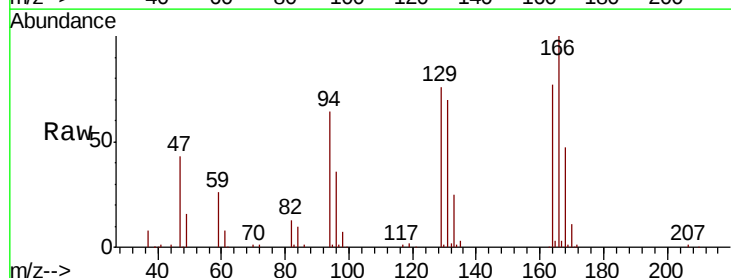
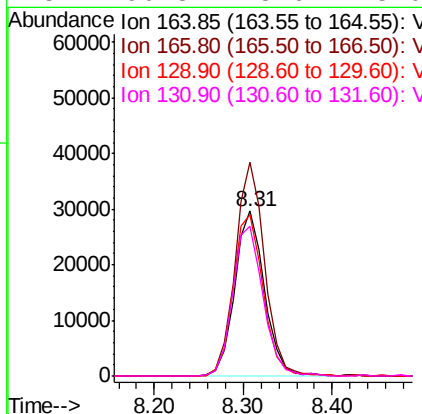
Manual Integrations
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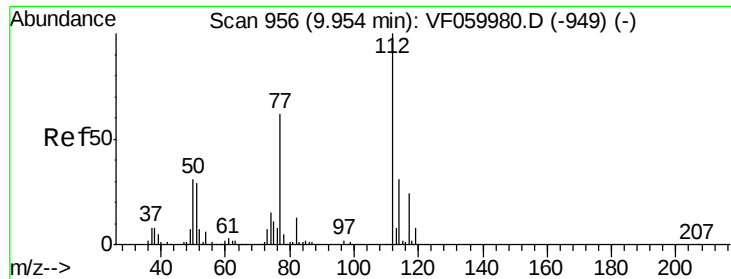
apatel
8/21/2018 10:01:30 AM



#64
Tetrachloroethene
Concen: 50.22 ug/l
RT: 8.31 min Scan# 789
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	68496		
166	129.6	114.5	171.7	
129	97.9	82.3	123.5	
131	90.8	78.6	118.0	





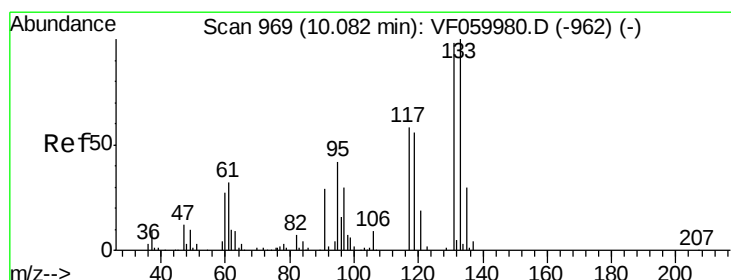
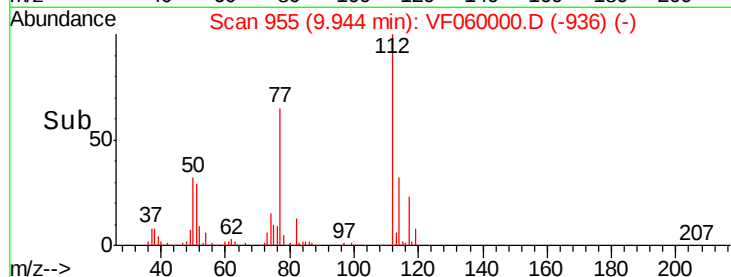
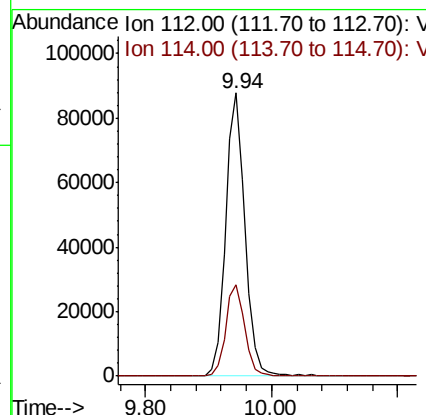
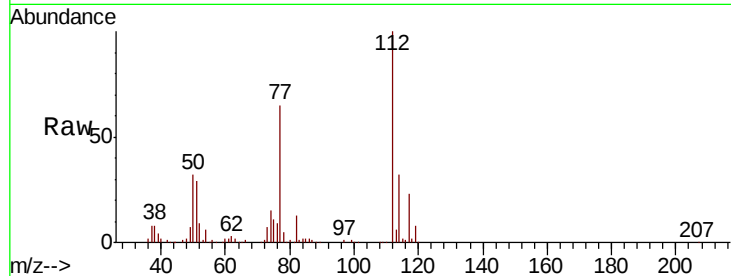
#65
Chlorobenzene
Concen: 52.86 ug/l
RT: 9.94 min Scan# 955
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.0	37.4

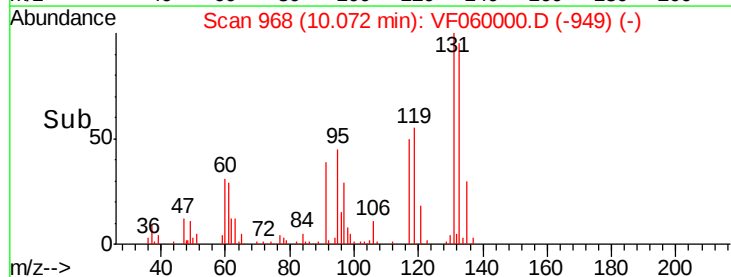
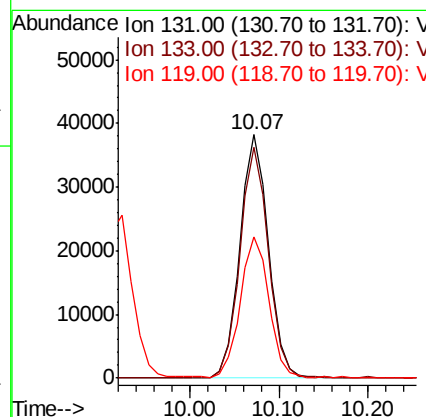
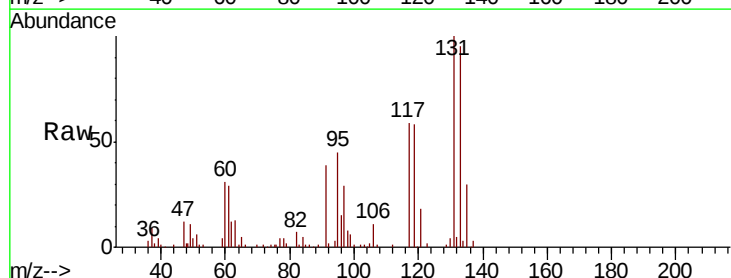
Manual Integrations
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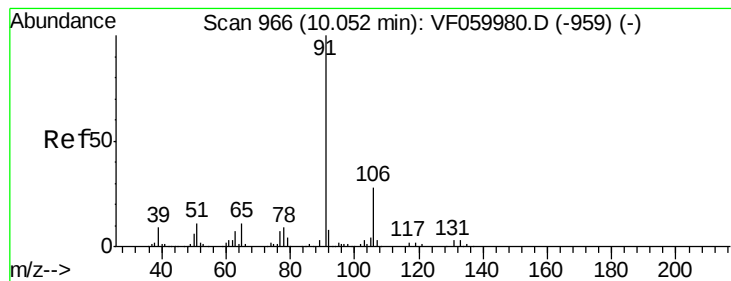
apatel
8/21/2018 10:01:30 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.43 ug/l
RT: 10.07 min Scan# 968
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	51.1	153.3
119	58.1	29.0	87.1





#67

Ethyl Benzene

Concen: 52.80 ug/l

RT: 10.04 min Scan# 965

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 338709

Ion Ratio Lower Upper

91 100

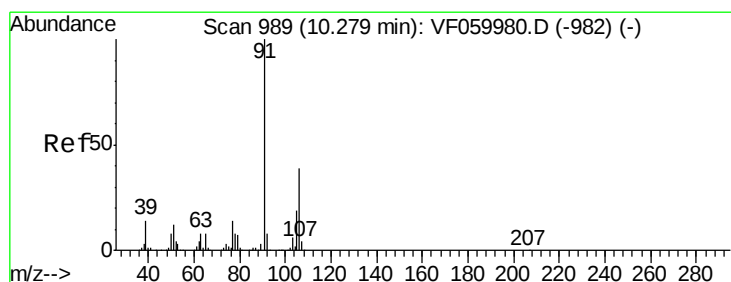
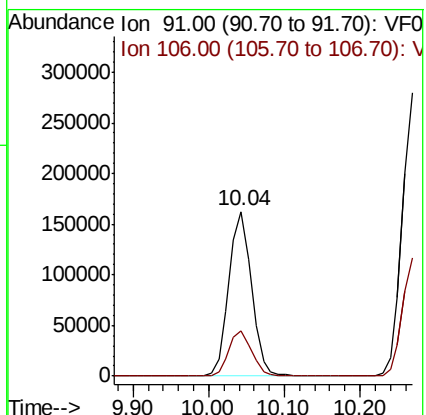
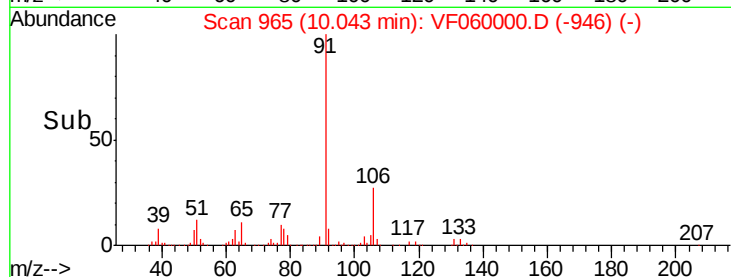
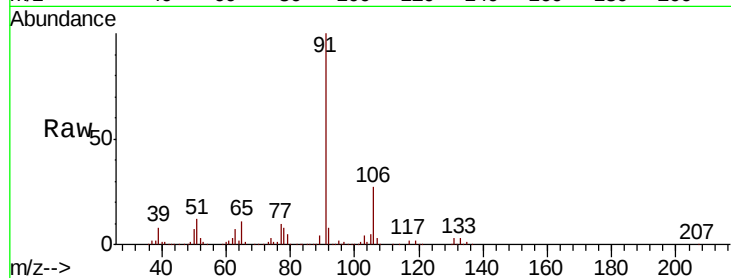
106 27.4 22.0 33.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 106.82 ug/l

RT: 10.27 min Scan# 988

Delta R.T. -0.01 min

Lab File: VF060000.D

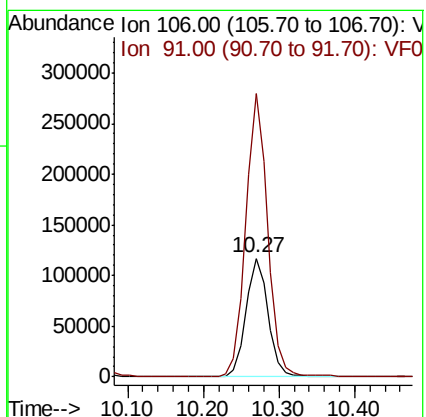
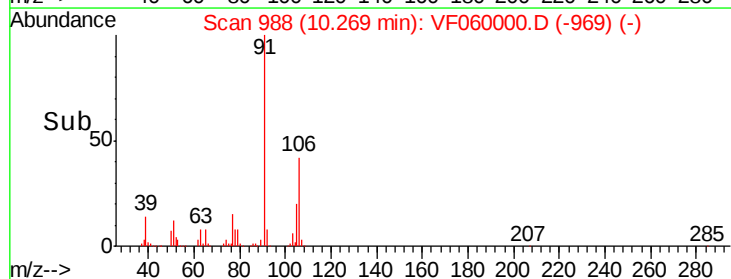
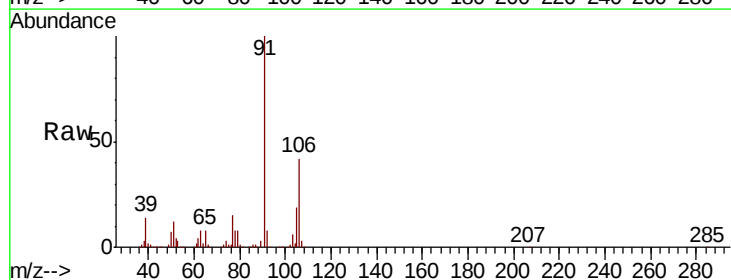
Acq: 20 Aug 2018 13:59

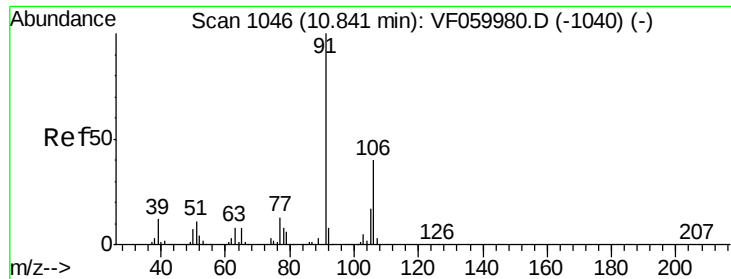
Tgt Ion: 106 Resp: 237413

Ion Ratio Lower Upper

106 100

91 238.6 203.5 305.3





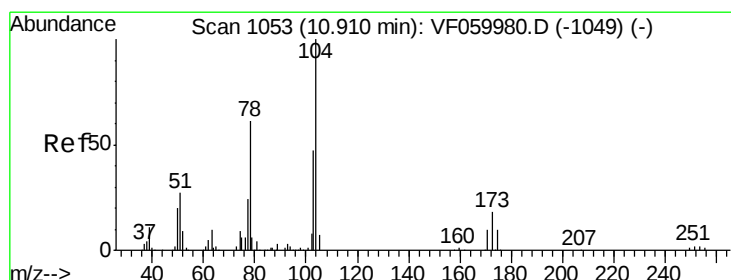
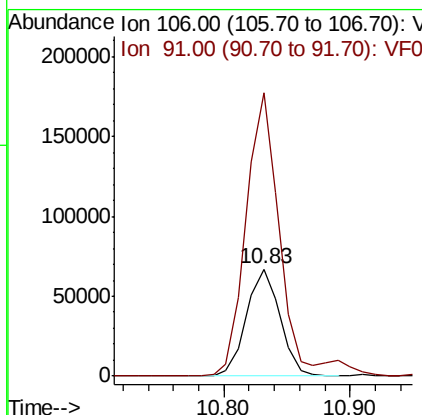
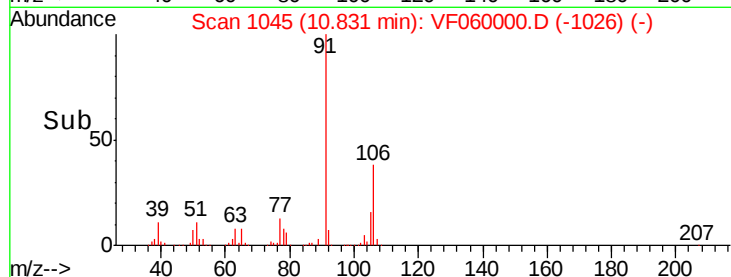
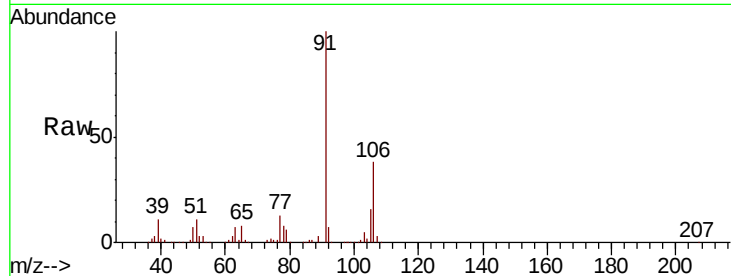
#69
o-Xylene
Concen: 54.75 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	263.9	125.4	376.2		

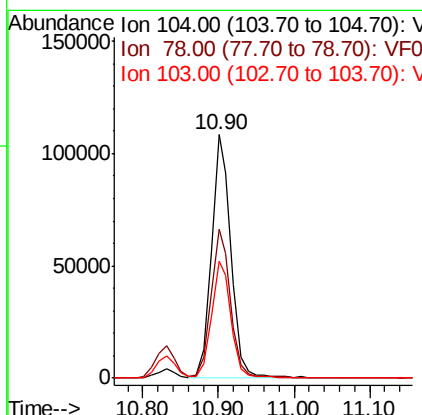
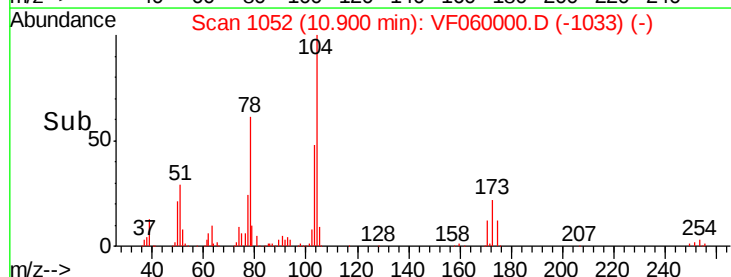
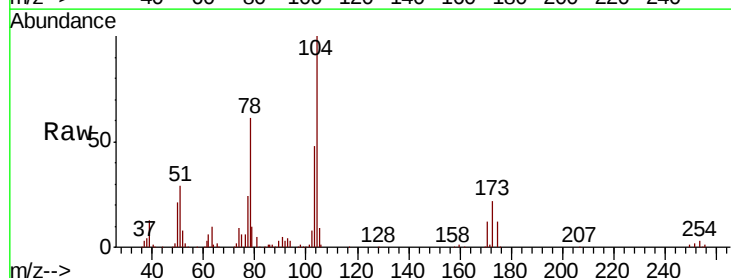
Manual Integrations
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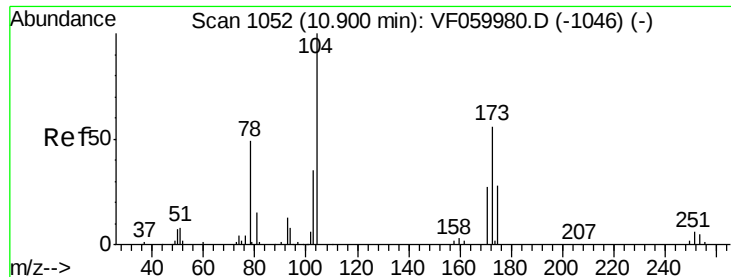
apatel
8/21/2018 10:01:30 AM



#70
Styrene
Concen: 53.53 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	61.2	49.0	73.6		
103	47.9	38.2	57.4		





#71

Bromoform

Concen: 53.10 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

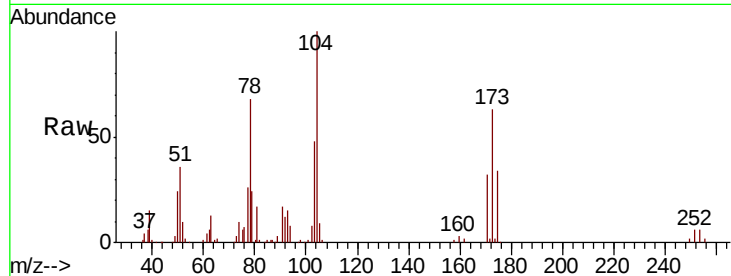
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	52.5	24.8	74.3
254	0.0	0.0	0.0

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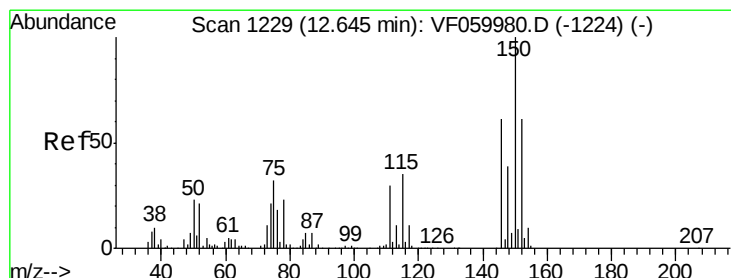
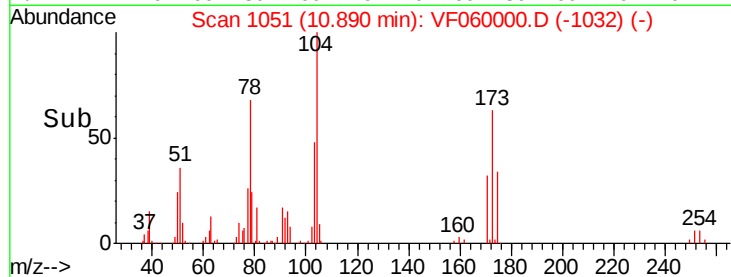
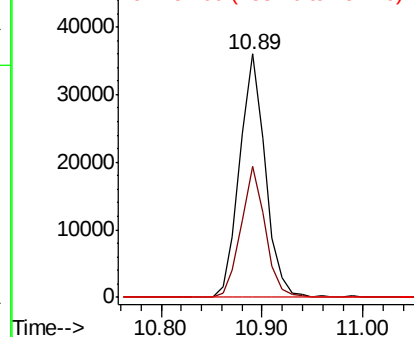


Abundance

Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

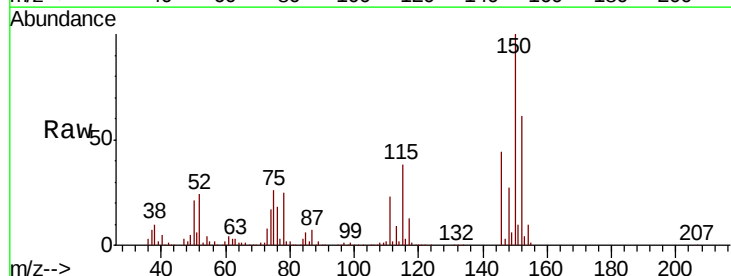
RT: 12.64 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.8	29.1	87.3
150	165.1	0.0	330.2

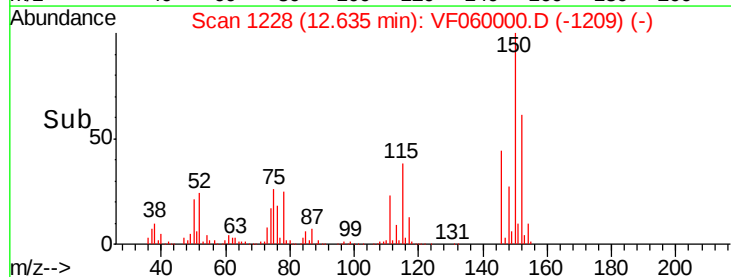
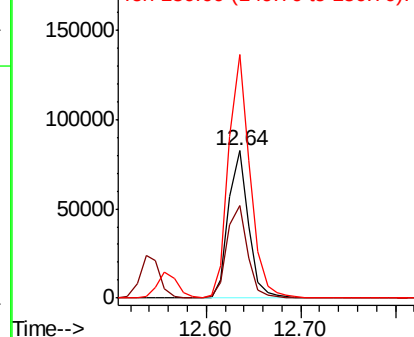


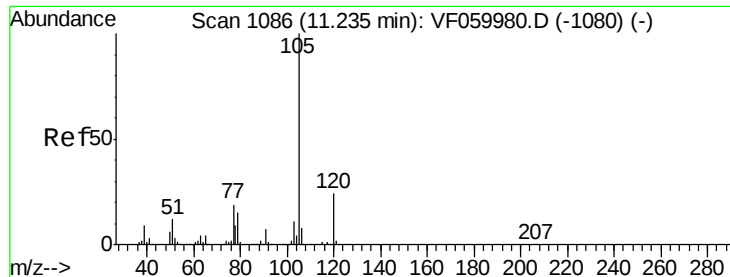
Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 56.15 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 410867

Ion Ratio Lower Upper

105 100

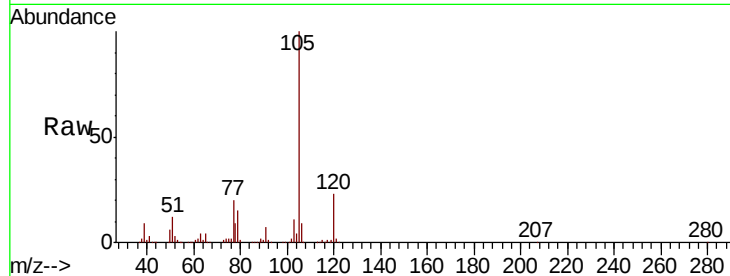
120 23.4 11.9 35.5

Manual Integrations

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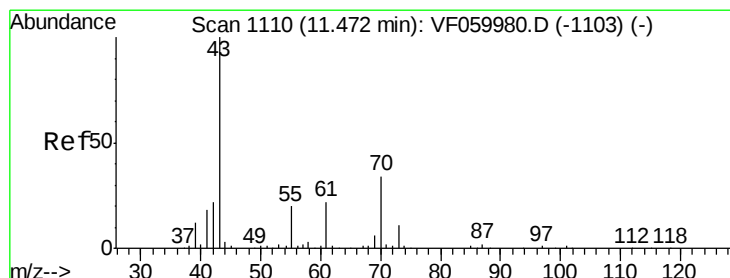
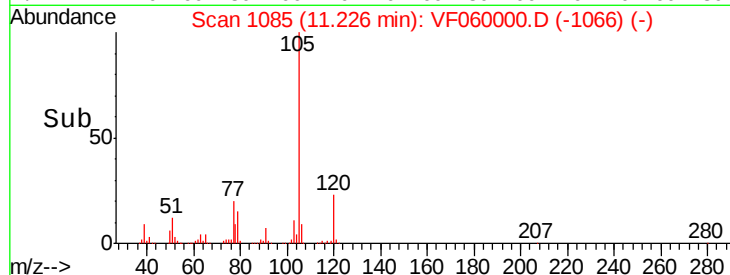
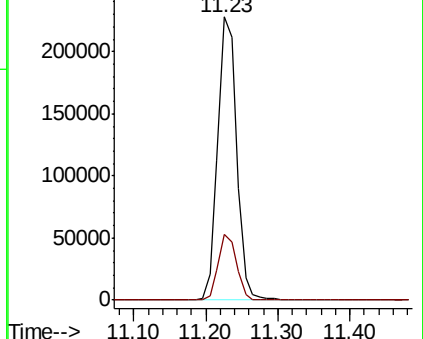
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.24 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Tgt Ion: 43 Resp: 118870

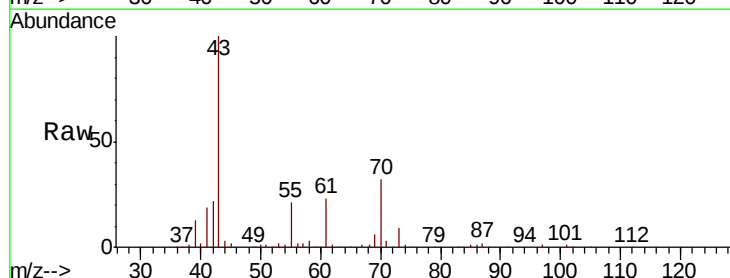
Ion Ratio Lower Upper

43 100

70 32.4 27.2 40.8

55 21.3 16.4 24.6

61 23.4 17.6 26.4

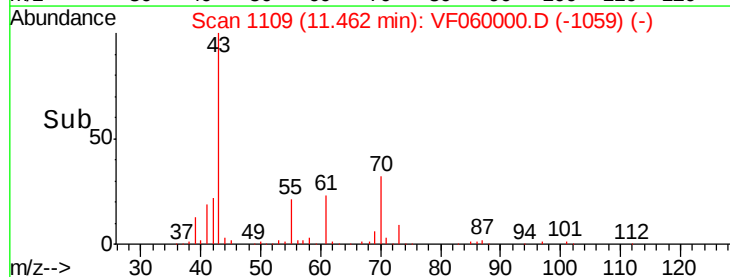
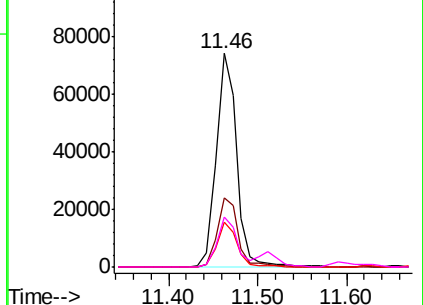


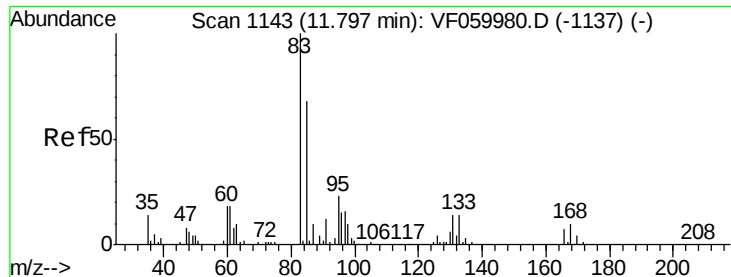
Abundance Ion 43.00 (42.70 to 43.70): VF0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 52.32 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

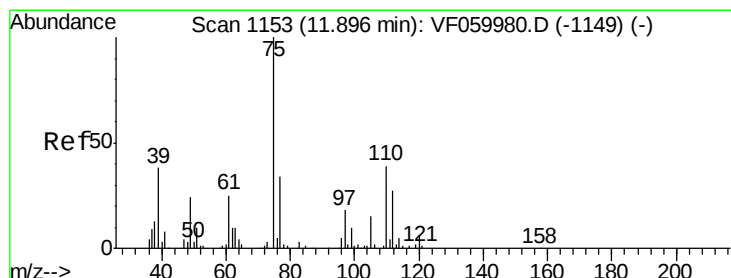
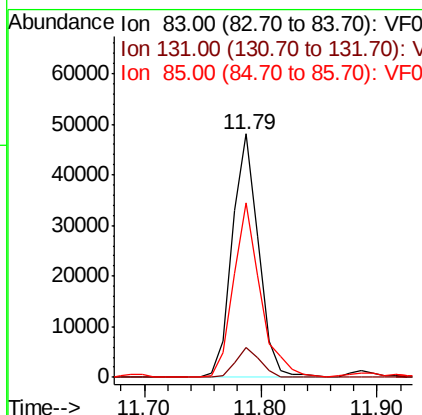
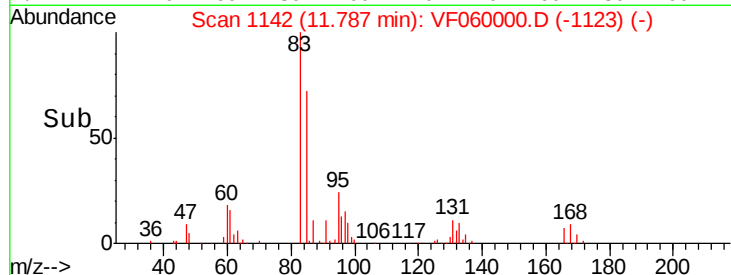
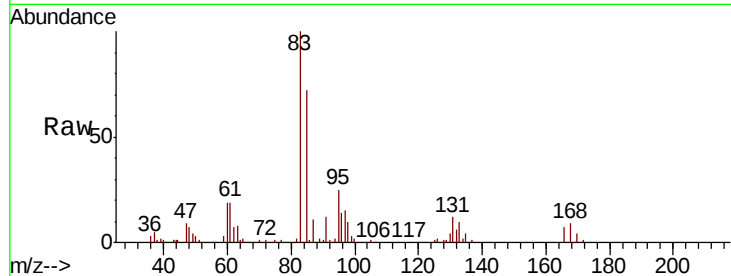
ClientSampleId :

VSTDCCC050

Tot Ion	83	Resp	75177
Ion Ratio	100	Lower	Upper
83	100		
131	12.2	7.2	21.6
85	72.6	34.1	102.2

Manual Integrations
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8/21/2018 10:01:30 AM



#76

1,2,3-Trichloropropane

Concen: 51.19 ug/l

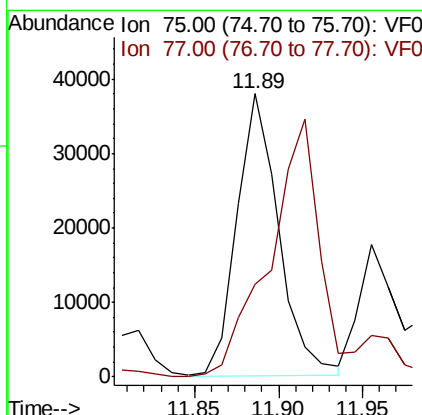
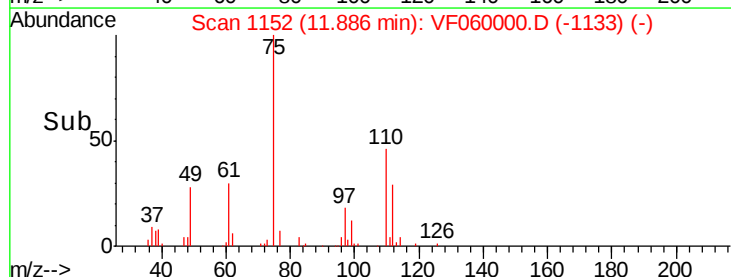
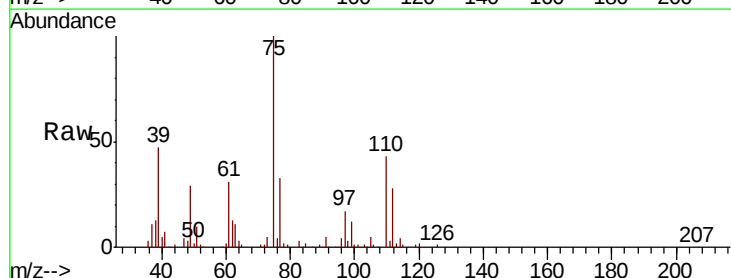
RT: 11.89 min Scan# 1152

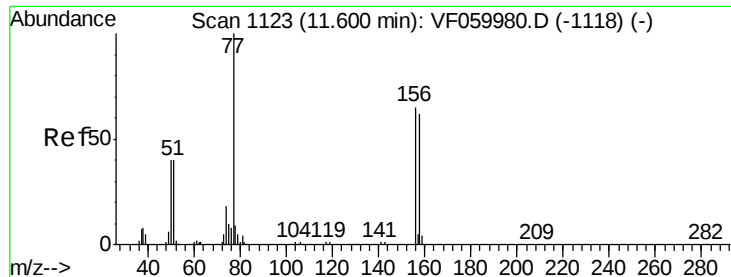
Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Tgt Ion	75	Resp	65136
Ion Ratio	100	Lower	Upper
75	100		
77	32.9	17.1	51.3





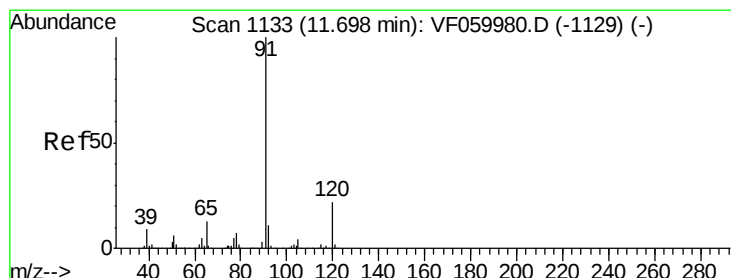
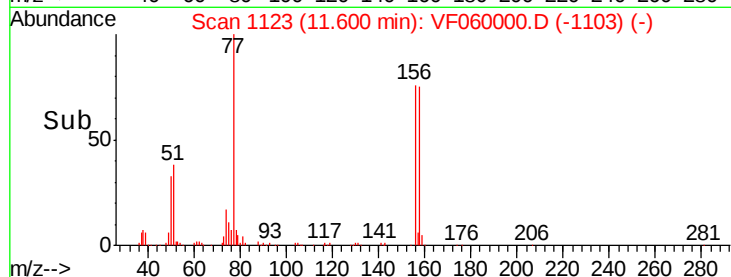
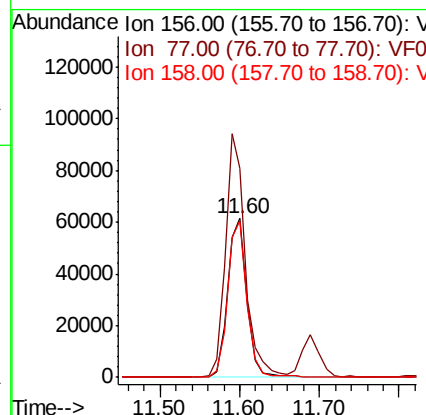
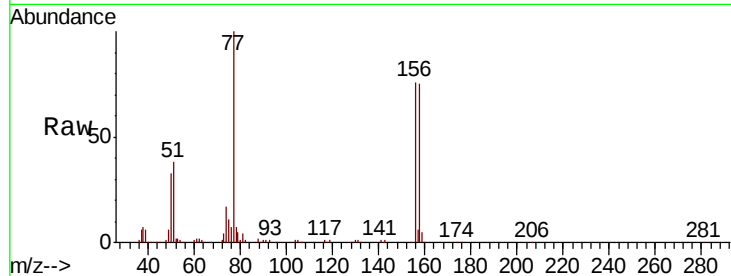
#77
Bromobenzene
Concen: 51.54 ug/l
RT: 11.60 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	131.9	76.9	230.7
158	98.4	47.7	143.1

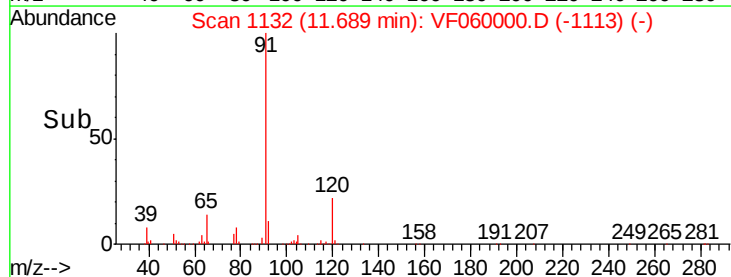
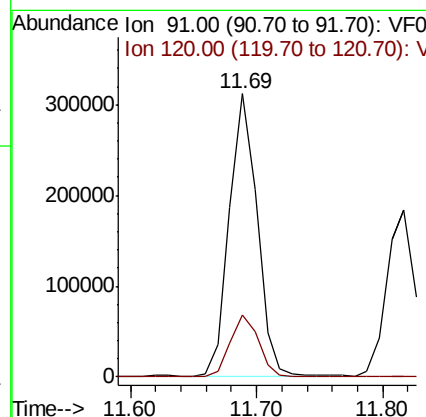
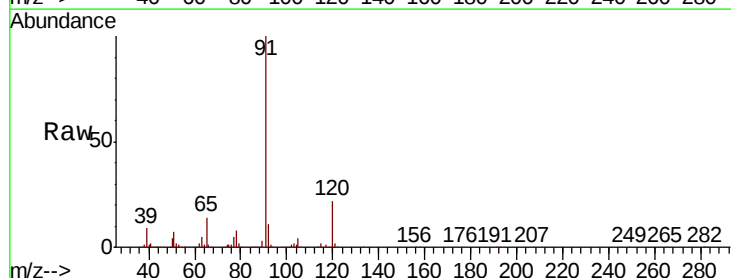
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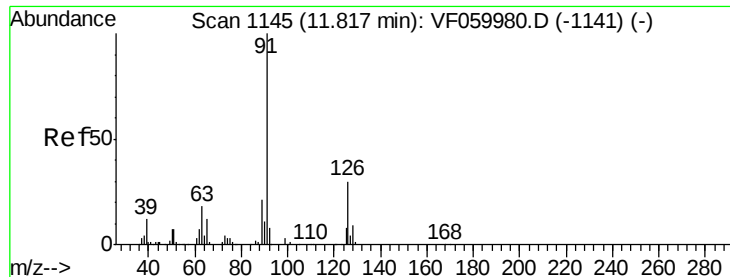
apatel
8/21/2018 10:01:30 AM



#78
n-propylbenzene
Concen: 52.53 ug/l
RT: 11.69 min Scan# 1132
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.0	33.0





#79

2-Chlorotoluene

Concen: 52.47 ug/l

RT: 11.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 289588

Ion Ratio Lower Upper

91 100

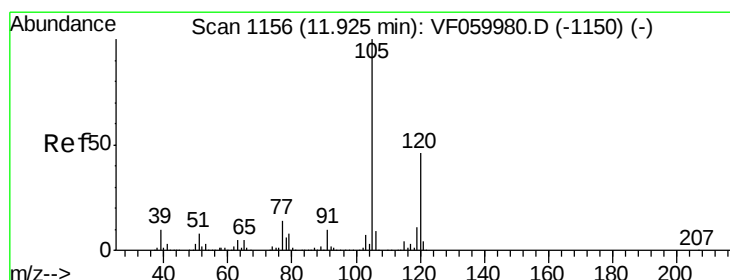
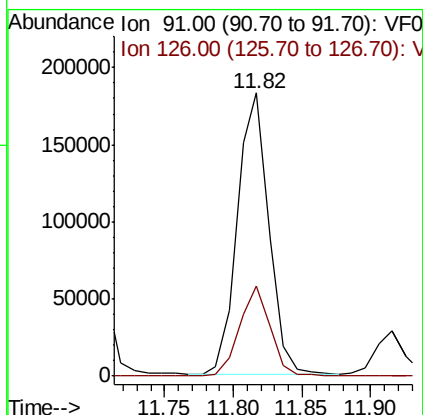
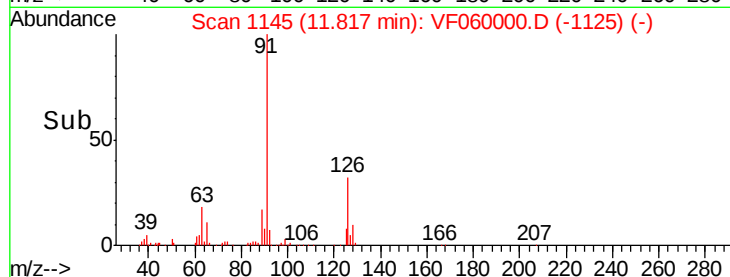
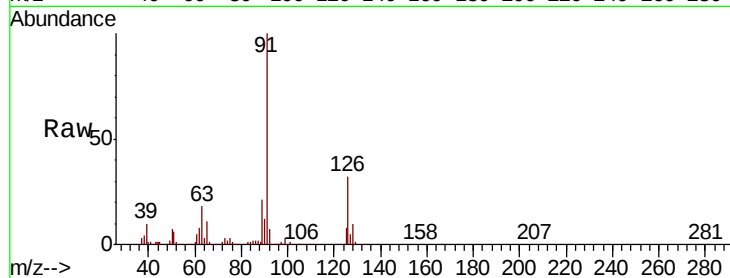
126 32.0 14.7 44.1

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#80

1,3,5-Trimethylbenzene

Concen: 55.10 ug/l

RT: 11.92 min Scan# 1155

Delta R.T. -0.01 min

Lab File: VF060000.D

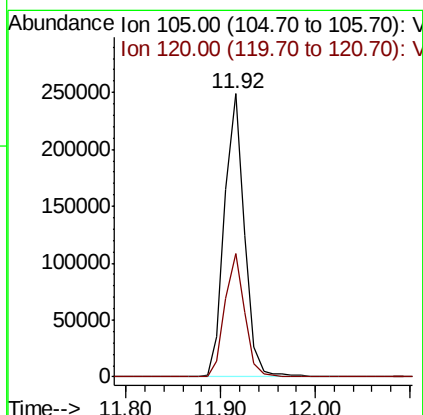
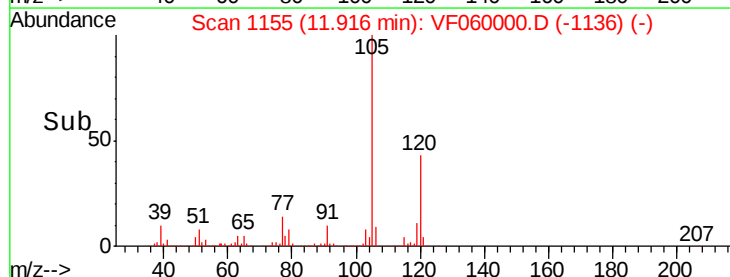
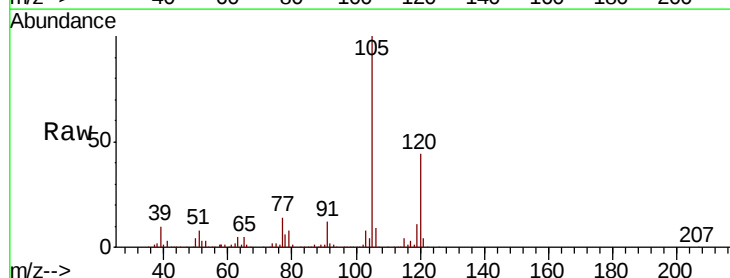
Acq: 20 Aug 2018 13:59

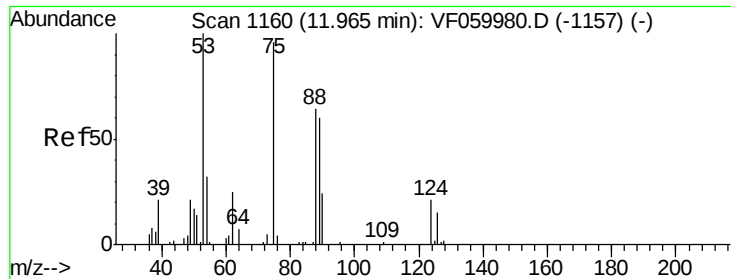
Tgt Ion: 105 Resp: 364580

Ion Ratio Lower Upper

105 100

120 43.8 22.9 68.7





#81

trans-1,4-Dichloro-2-butene

Concen: 48.36 ug/l m

RT: 11.95 min Scan# 1159

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

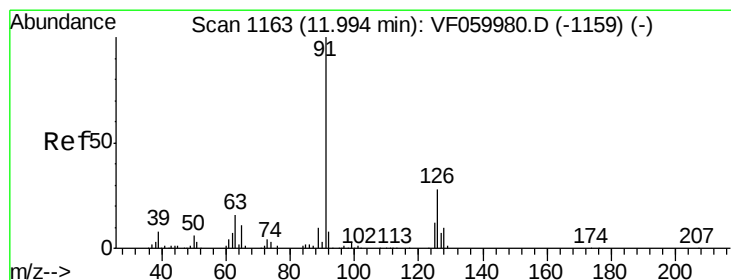
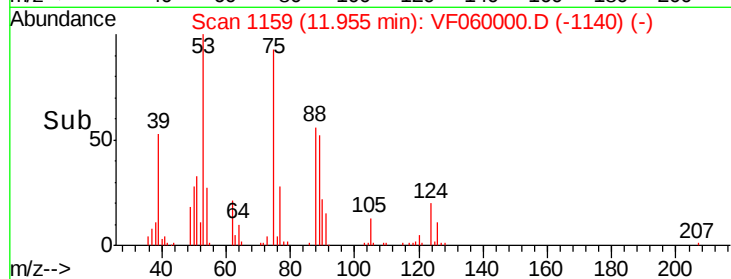
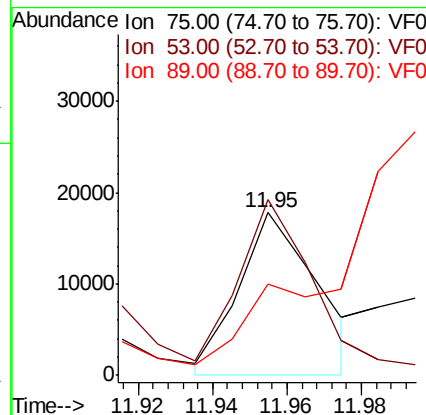
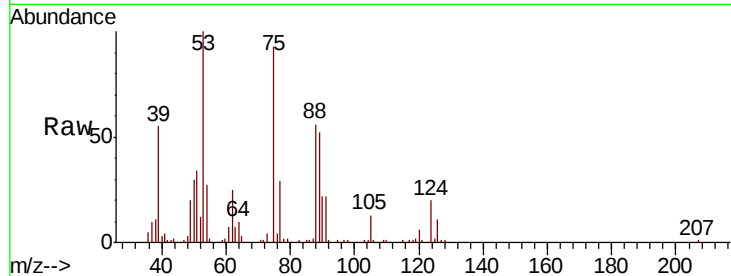
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	25975
Ion	Ratio	Lower	Upper
75	100		
53	108.0	87.4	131.0
89	55.7	52.8	79.2

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#82

4-Chlorotoluene

Concen: 54.65 ug/l

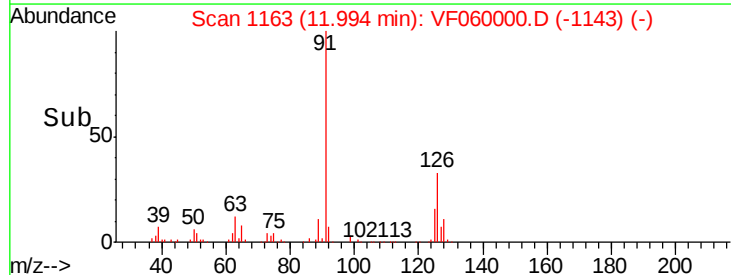
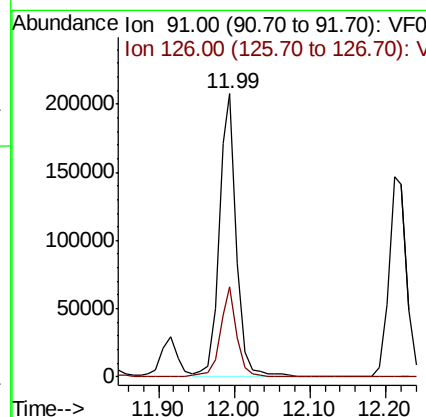
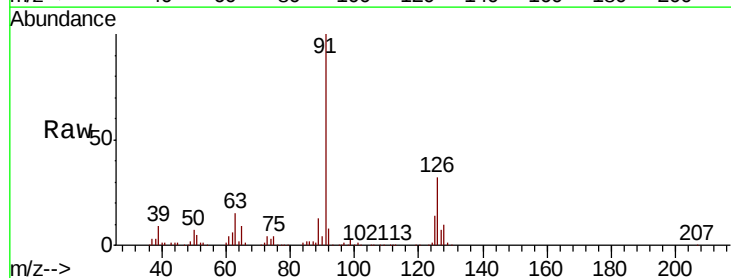
RT: 11.99 min Scan# 1163

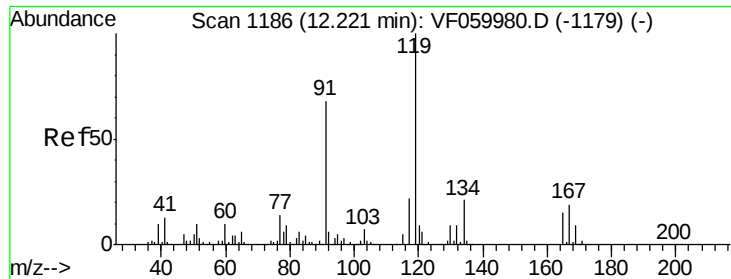
Delta R.T. 0.00 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Tgt Ion:	91	Resp:	330045
Ion	Ratio	Lower	Upper
91	100		
126	31.8	14.1	42.4





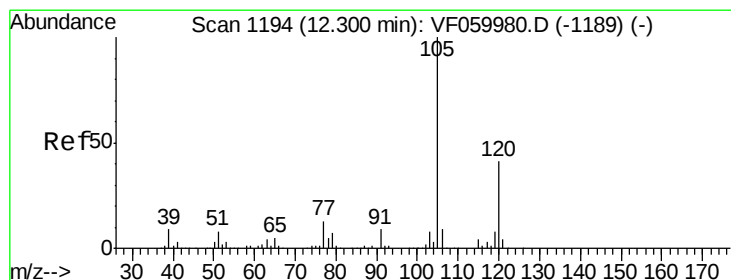
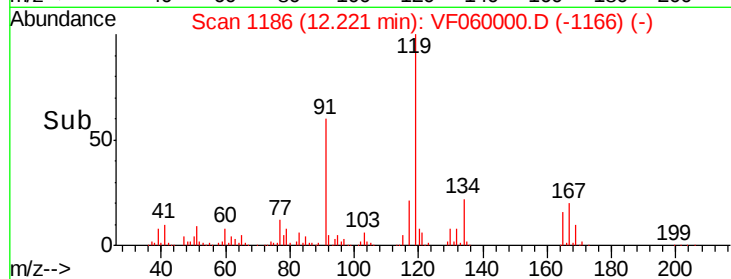
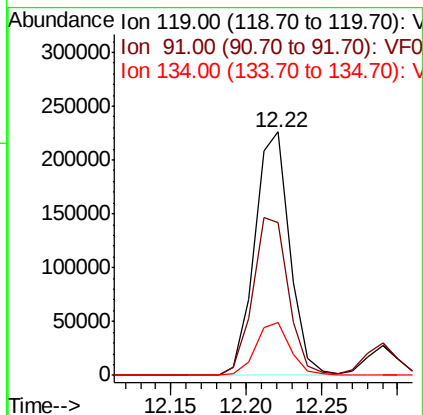
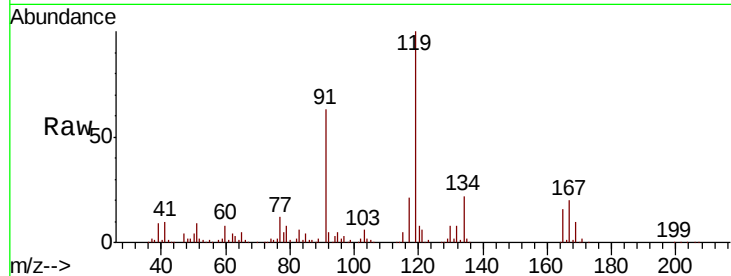
#83
 tert-Butylbenzene
 Concen: 56.45 ug/l
 RT: 12.22 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: VF060000.D
 Acq: 20 Aug 2018 13:59

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.5	34.1	102.2
134	21.9	10.5	31.6

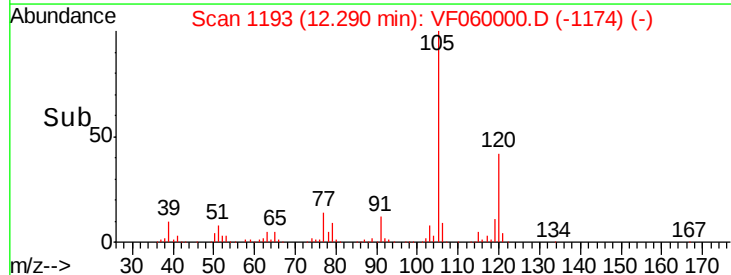
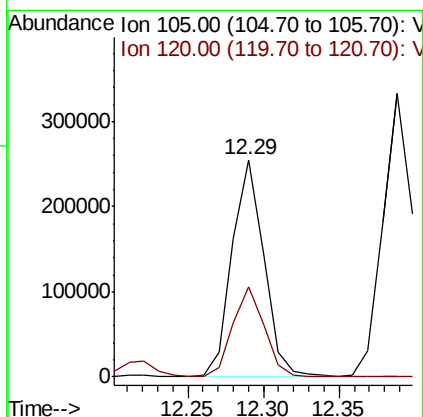
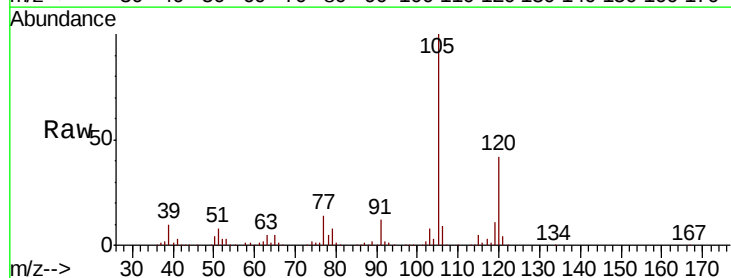
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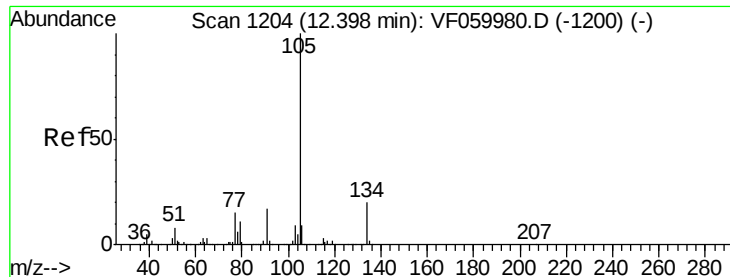
apatel
 8/21/2018 10:01:30 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 53.77 ug/l
 RT: 12.29 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: VF060000.D
 Acq: 20 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.6	20.9	62.7





#85

sec-Butylbenzene

Concen: 54.84 ug/l

RT: 12.39 min Scan# 1203

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 471194

Ion Ratio Lower Upper

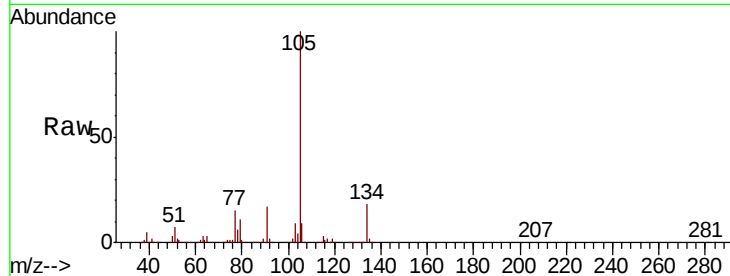
105 100

134 18.1 9.8 29.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12.39

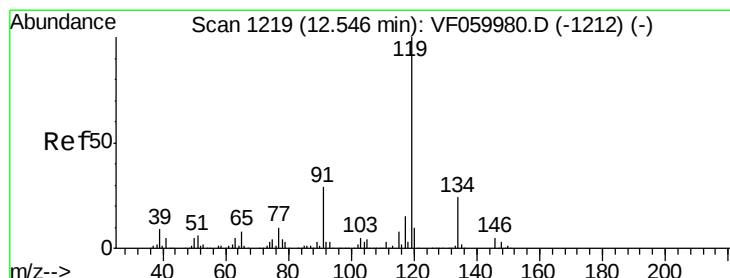
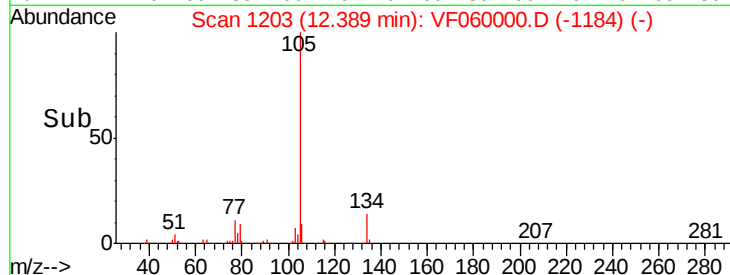
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 55.27 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VF060000.D

Acq: 20 Aug 2018 13:59

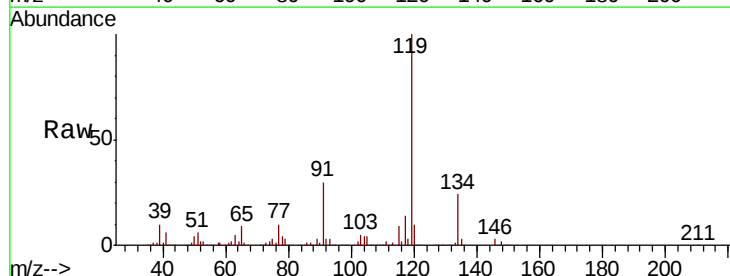
Tgt Ion:119 Resp: 420012

Ion Ratio Lower Upper

119 100

134 23.6 12.1 36.3

91 29.9 14.4 43.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0

12.54

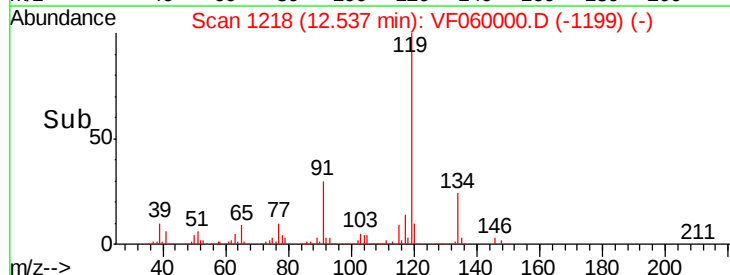
300000

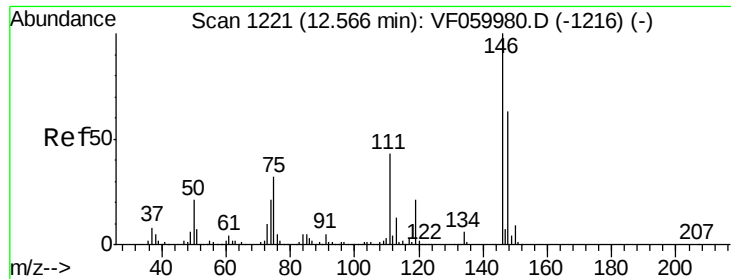
200000

100000

0

Time-->





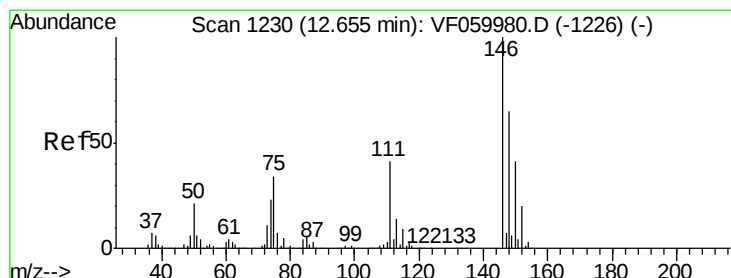
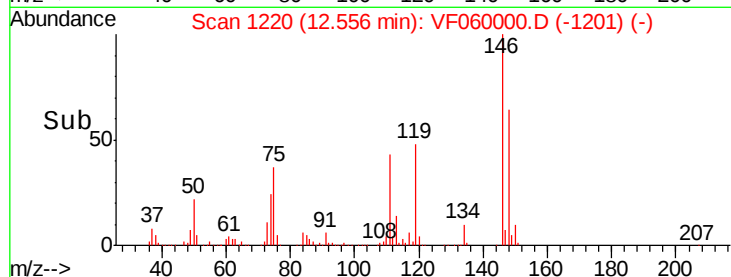
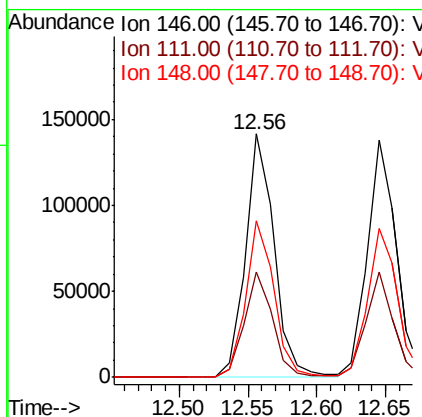
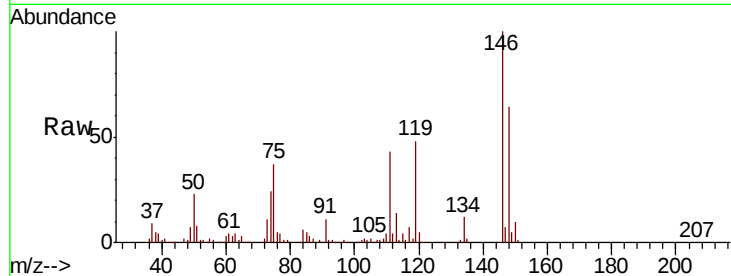
#87
 1,3-Dichlorobenzene
 Concen: 52.94 ug/l
 RT: 12.56 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: VF060000.D
 Acq: 20 Aug 2018 13:59

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	63.7
148	64.2	31.6	95.0

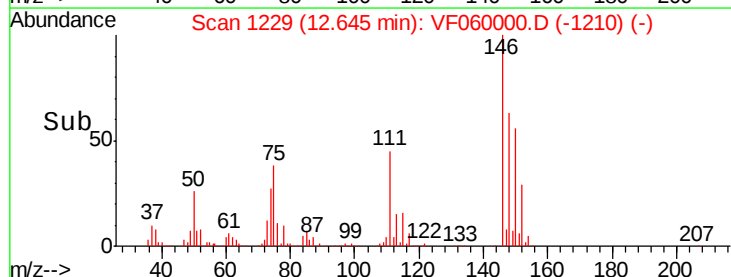
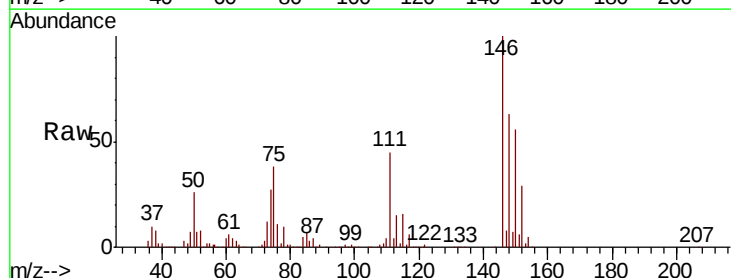
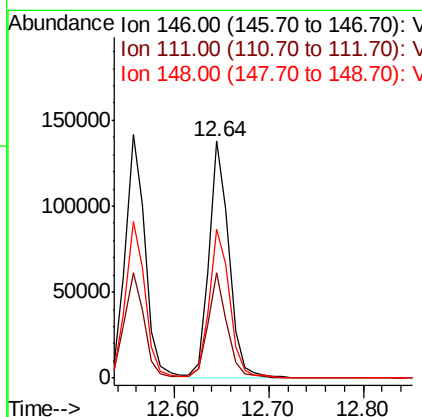
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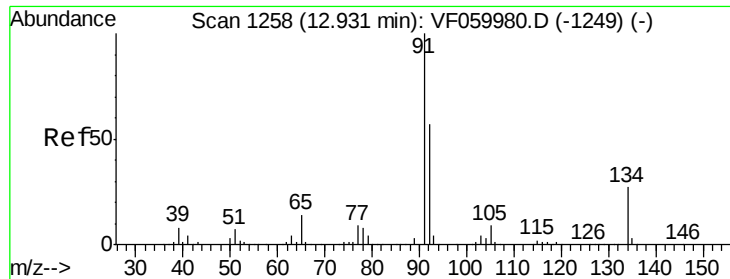
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 53.66 ug/l
 RT: 12.64 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VF060000.D
 Acq: 20 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.7	20.3	61.0
148	62.7	32.6	97.8





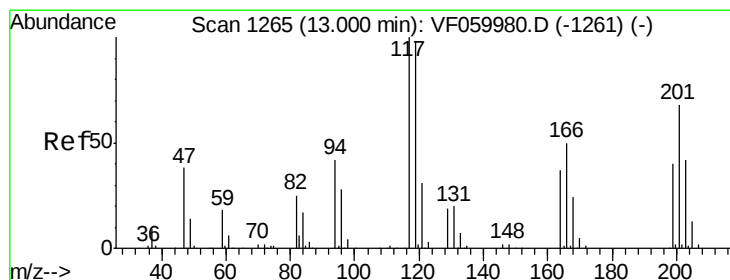
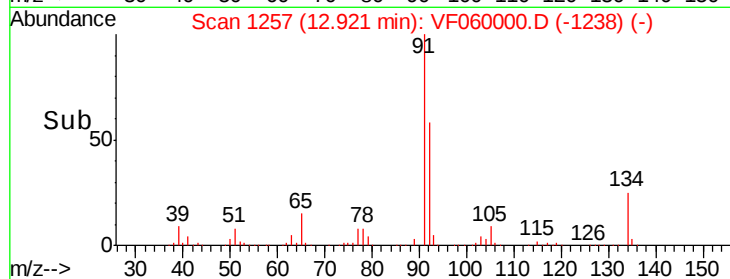
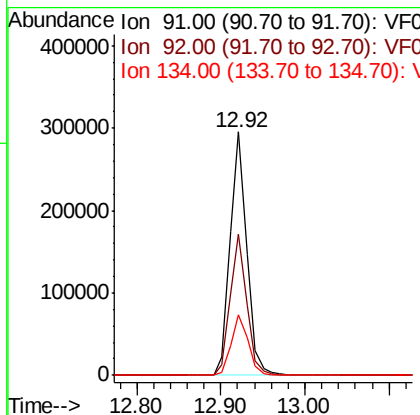
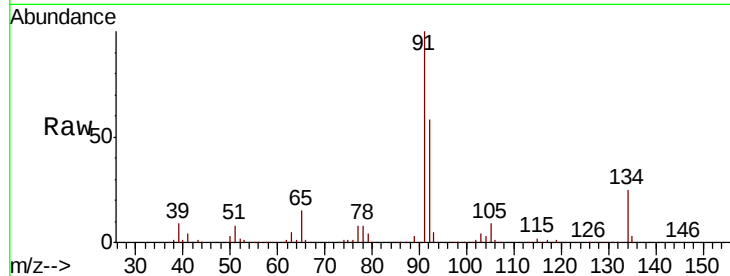
#89
n-Butylbenzene
Concen: 55.27 ug/l
RT: 12.92 min Scan# 1257
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	58.1	28.7	86.3
134	25.0	13.3	39.9

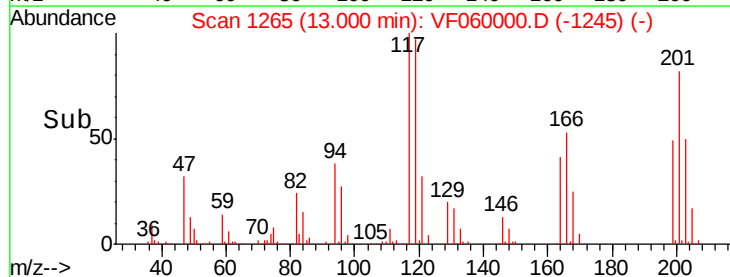
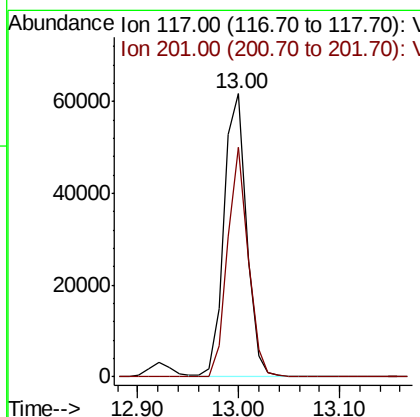
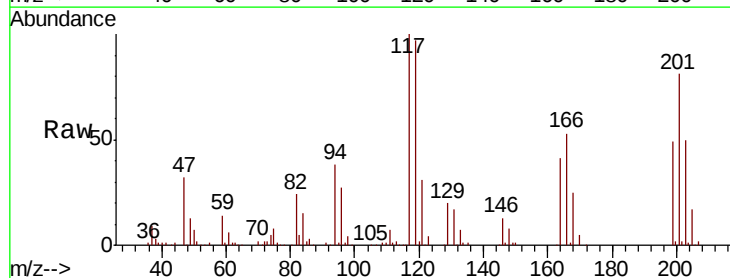
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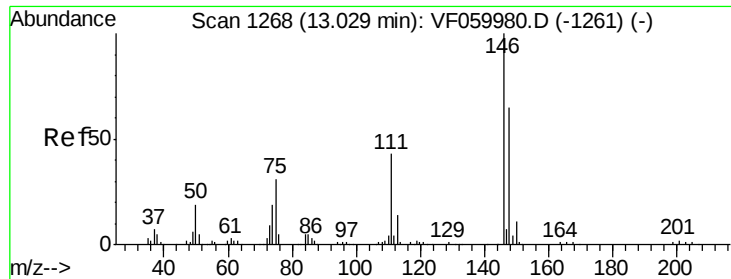
apatel
8/21/2018 10:01:30 AM



#90
Hexachloroethane
Concen: 56.46 ug/l
RT: 13.00 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.2	34.5	103.5





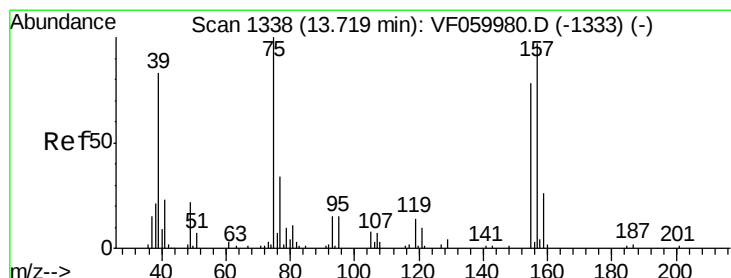
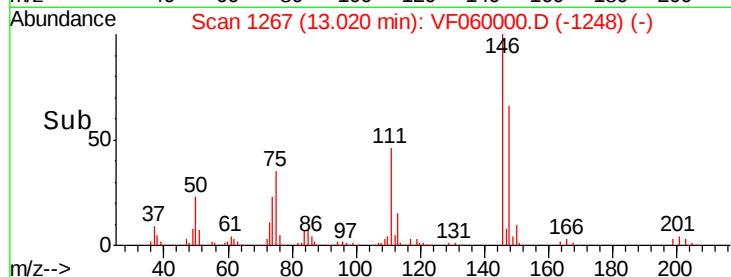
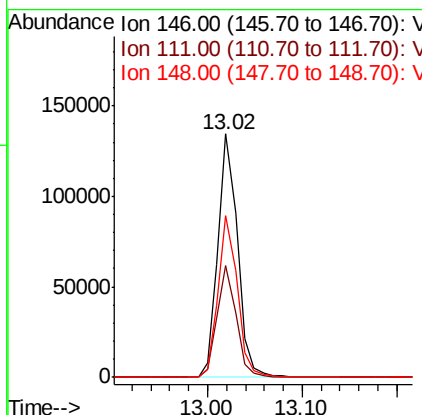
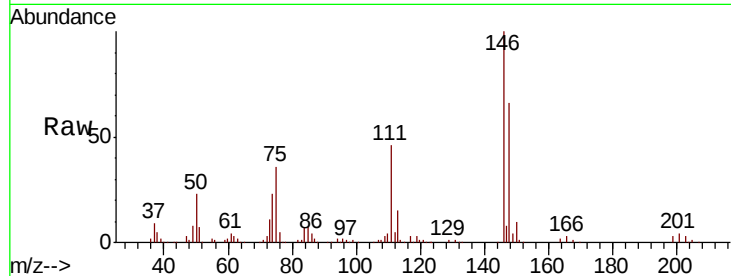
#91
 1,2-Dichlorobenzene
 Concen: 52.14 ug/l
 RT: 13.02 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: VF060000.D
 Acq: 20 Aug 2018 13:59

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.7	21.4	64.3
148	66.4	32.5	97.4

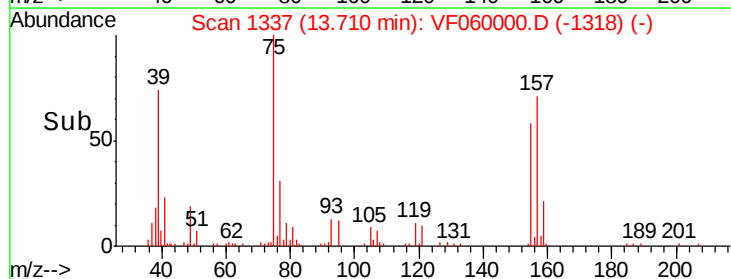
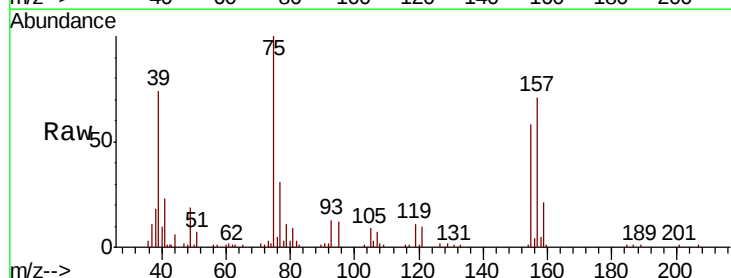
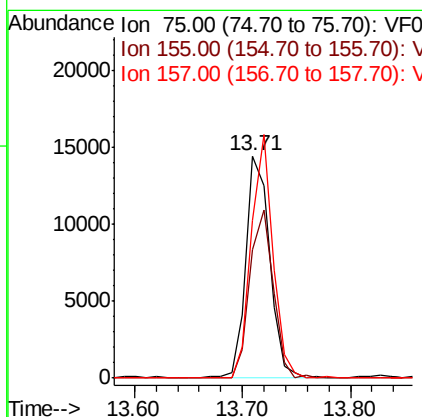
Manual Integrations
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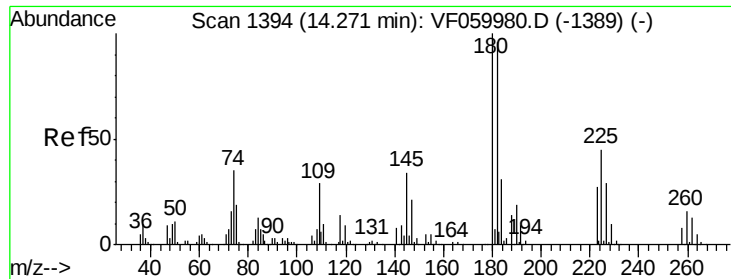
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.75 ug/l
 RT: 13.71 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: VF060000.D
 Acq: 20 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	57.8	38.9	116.7
157	70.9	50.8	152.5





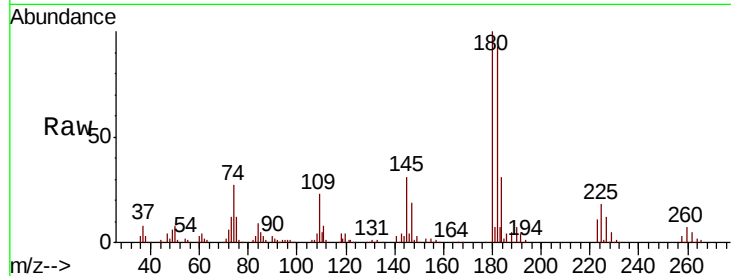
#93
 1,2,4-Trichlorobenzene
 Concen: 54.97 ug/l
 RT: 14.27 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: VF060000.D
 Acq: 20 Aug 2018 13:59

Instrument :
 MSVOA_F
 ClientSampled :
 VSTDCCC050

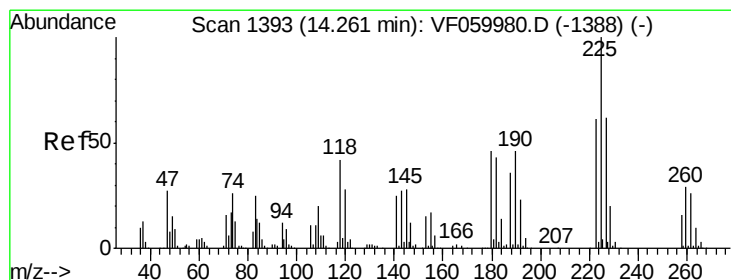
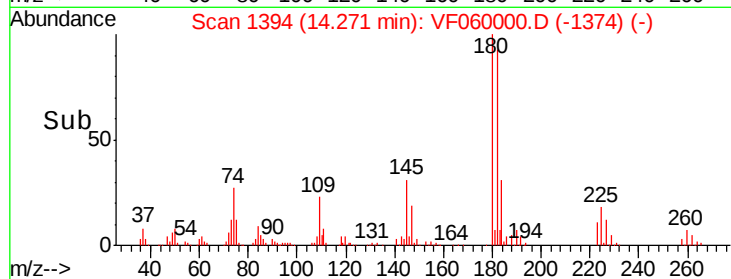
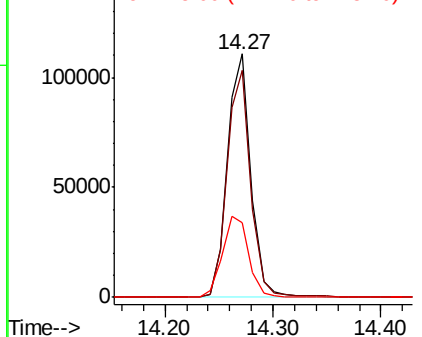
Tot Ion	Ratio	Resp	Lower	Upper
180	100	167262		
182	93.4	47.9	143.6	
145	30.6	17.2	51.5	

Manual Integrations
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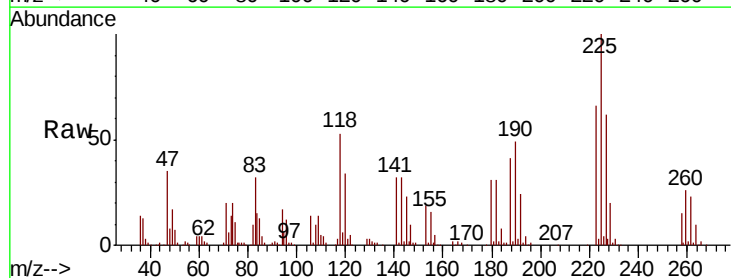


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

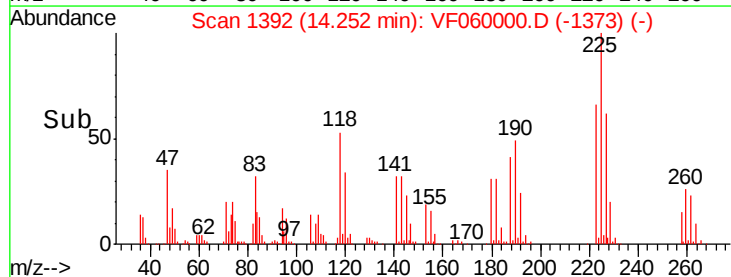
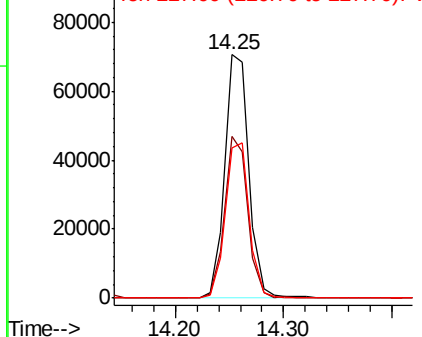


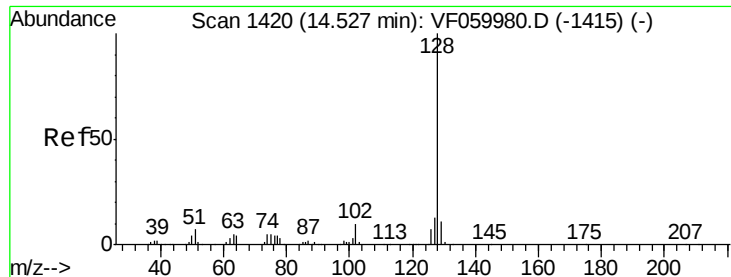
#94
 Hexachlorobutadiene
 Concen: 53.79 ug/l
 RT: 14.25 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: VF060000.D
 Acq: 20 Aug 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	109646		
223	66.2	29.1	87.4	
227	61.5	29.8	89.5	



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





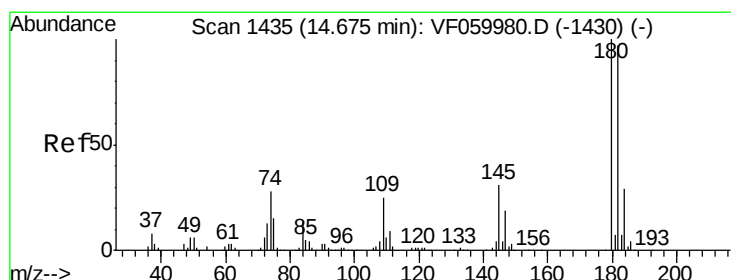
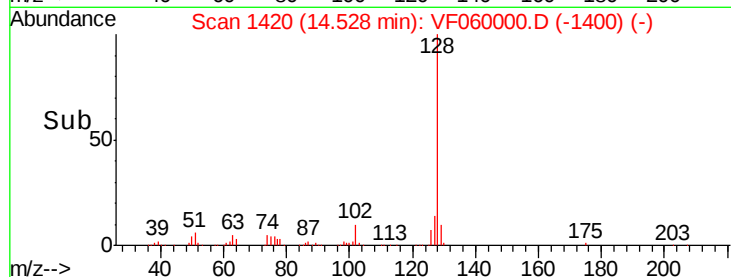
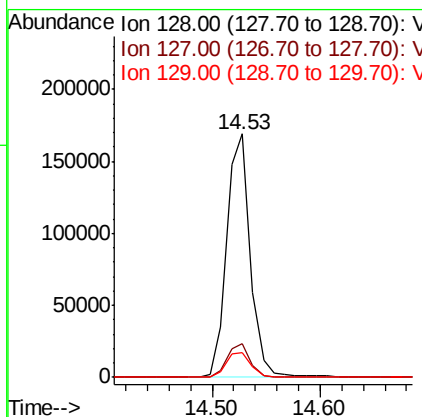
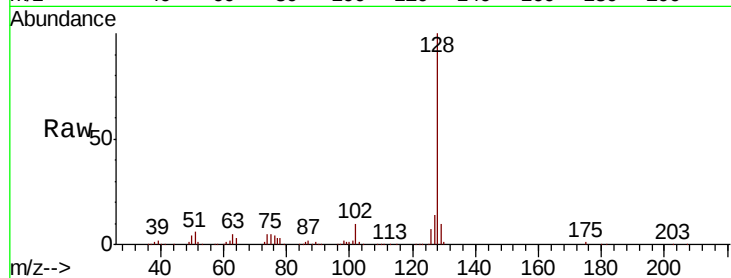
#95
Naphthalene
Concen: 60.13 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. 0.00 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.2
129	10.4	9.0	13.4

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 55.00 ug/l
RT: 14.67 min Scan# 1434
Delta R.T. -0.01 min
Lab File: VF060000.D
Acq: 20 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.5	145.5
145	33.8	15.7	47.1

