

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
 Data File : VF062875.D
 Acq On : 6 Jun 2019 10:56
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 07 01:22:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	848732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1390704	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	1186667	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	549923	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	271204	46.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.42%	
35) Dibromofluoromethane	4.33	113	474319	45.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.28%	
50) Toluene-d8	7.72	98	1208877	45.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.98%	
62) 4-Bromofluorobenzene	11.51	95	478761	50.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	403342	41.246	ug/l	96
3) Chloromethane	1.15	50	366970	41.787	ug/l	93
4) Vinyl Chloride	1.20	62	370503	42.456	ug/l	98
5) Bromomethane	1.42	94	241409	48.506	ug/l	94
6) Chloroethane	1.48	64	149468	45.809	ug/l	91
7) Trichlorofluoromethane	1.56	101	415365	33.621	ug/l	93
8) Diethyl Ether	1.72	74	115670	47.588	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	1.95	101	353669	45.533	ug/l	97
10) Methyl Iodide	2.02	142	600897	38.584	ug/l	96
11) Tert butyl alcohol	2.71	59	86905	244.431	ug/l	97
12) 1,1-Dichloroethene	1.90	96	319310	45.273	ug/l	92
13) Acrolein	2.12	56	27593	192.382	ug/l #	63
14) Allyl chloride	2.21	41	229673	41.975	ug/l	90
15) Acrylonitrile	3.10	53	414640	310.366	ug/l	93
16) Acetone	2.36	43	348012	259.074	ug/l	92
17) Carbon Disulfide	1.94	76	654286	31.740	ug/l	98
18) Methyl Acetate	2.47	43	112415	47.889	ug/l	89
19) Methyl tert-butyl Ether	2.56	73	570419	44.640	ug/l	94
20) Methylene Chloride	2.39	84	215579	30.908	ug/l	94
21) trans-1,2-Dichloroethene	2.44	96	244978	34.642	ug/l	98
22) Diisopropyl ether	2.95	45	671069	43.168	ug/l	96
23) Vinyl Acetate	3.37	43	2406072	226.079	ug/l	98
24) 1,1-Dichloroethane	3.03	63	530614	45.715	ug/l	98
25) 2-Butanone	4.54	43	720281	230.253	ug/l	99
26) 2,2-Dichloropropane	3.80	77	298159	45.241	ug/l	98
27) cis-1,2-Dichloroethene	3.67	96	526913	44.326	ug/l	97
28) Bromochloromethane	3.93	49	303327	48.043	ug/l	94
29) Tetrahydrofuran	4.29	42	266774	222.970	ug/l	94
30) Chloroform	4.08	83	738348	45.136	ug/l	96
31) Cyclohexane	3.89	56	340579	21.673	ug/l	95
32) 1,1,1-Trichloroethane	4.31	97	400386	42.038	ug/l	95
36) 1,1-Dichloropropene	4.49	75	574293	44.857	ug/l	97
37) Ethyl Acetate	4.32	43	236167	48.256	ug/l	92
38) Carbon Tetrachloride	4.21	117	360525	41.667	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.65	83	710262	44.575	ug/l	99
40) Benzene	4.85	78	1652092	44.339	ug/l	98
41) Methacrylonitrile	4.95	41	120581	44.320	ug/l	96
42) 1,2-Dichloroethane	5.15	62	314587	44.391	ug/l	93
43) Isopropyl Acetate	7.13	43	283512	43.853	ug/l	100
44) Trichloroethene	5.70	130	471205	44.809	ug/l	97
45) 1,2-Dichloropropane	6.42	63	425419	45.497	ug/l	98
46) Dibromomethane	6.29	93	252654	46.281	ug/l	96
47) Bromodichloromethane	6.57	83	509186	45.799	ug/l #	98
48) Methyl methacrylate	6.90	41	156500	46.971	ug/l	96
49) 1,4-Dioxane	6.90	88	39131	891.009	ug/l #	86
51) 4-Methyl-2-Pentanone	8.41	43	1157564	250.791	ug/l	99
52) Toluene	7.79	92	957383	47.705	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	435469	47.268	ug/l	98
54) cis-1,3-Dichloropropene	7.48	75	598890	44.909	ug/l	98
55) 1,1,2-Trichloroethane	8.65	97	303085	50.551	ug/l	97
56) Ethyl methacrylate	8.77	69	342411	53.227	ug/l	95
57) 1,3-Dichloropropane	9.02	76	493782	50.433	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.47	63	571726	254.294	ug/l	99
59) 2-Hexanone	9.64	43	915648	278.322	ug/l	93
60) Dibromochloromethane	8.88	129	390082	52.551	ug/l	96
61) 1,2-Dibromoethane	9.14	107	321822	51.684	ug/l	95
64) Tetrachloroethene	8.33	164	364892	40.015	ug/l	92
65) Chlorobenzene	9.95	112	1016507	44.357	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.08	131	411948	45.137	ug/l	97
67) Ethyl Benzene	10.04	91	1724037	43.840	ug/l	98
68) m/p-Xylenes	10.28	106	1295832	86.111	ug/l	98
69) o-Xylene	10.83	106	689938	45.283	ug/l	97
70) Styrene	10.90	104	1011150	45.026	ug/l	99
71) Bromoform	10.89	173	211846	48.386	ug/l #	99
73) Isopropylbenzene	11.22	105	1776838	46.307	ug/l	97
74) N-amyl acetate	11.46	43	517901	47.889	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.78	83	400981	48.934	ug/l	97
76) 1,2,3-Trichloropropane	11.87	75	253973	46.758	ug/l	89
77) Bromobenzene	11.59	156	439753	45.612	ug/l	87
78) n-propylbenzene	11.68	91	2029811	43.811	ug/l	95
79) 2-Chlorotoluene	11.81	91	1181180	44.556	ug/l	97
80) 1,3,5-Trimethylbenzene	11.90	105	1376659	43.871	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.94	75	148172	64.434	ug/l	95
82) 4-Chlorotoluene	11.98	91	1183807	45.439	ug/l	99
83) tert-Butylbenzene	12.21	119	1445107	46.476	ug/l	94
84) 1,2,4-Trimethylbenzene	12.28	105	1370852	46.076	ug/l	99
85) sec-Butylbenzene	12.38	105	1861488	45.434	ug/l	99
86) p-Isopropyltoluene	12.53	119	1534801	45.005	ug/l	96
87) 1,3-Dichlorobenzene	12.54	146	745617	43.852	ug/l	99
88) 1,4-Dichlorobenzene	12.63	146	715130	45.067	ug/l	98
89) n-Butylbenzene	12.91	91	1532733	44.680	ug/l	96
90) Hexachloroethane	12.98	117	389213	46.794	ug/l	83
91) 1,2-Dichlorobenzene	13.01	146	691360	46.260	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.70	75	44871	50.262	ug/l	95

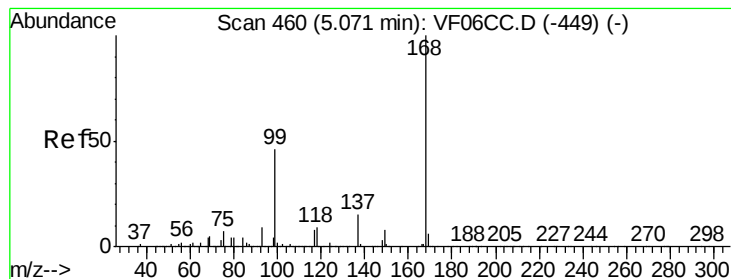
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060619\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.25	180	438972	42.779	ug/l	98
94) Hexachlorobutadiene	14.24	225	311035	43.815	ug/l	99
95) Naphthalene	14.50	128	826474	49.162	ug/l	98
96) 1,2,3-Trichlorobenzene	14.64	180	409740	43.744	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

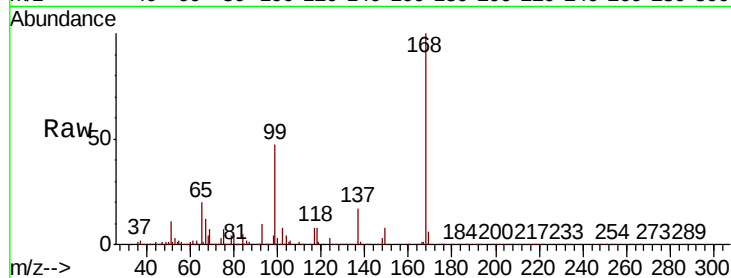
VSTDCCC050

Tot Ion:168 Resp: 848732

Ion Ratio Lower Upper

168 100

99 46.5 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

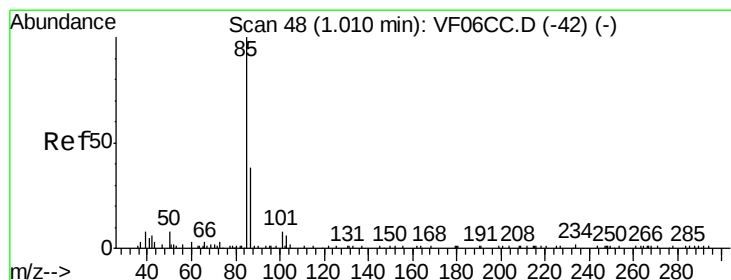
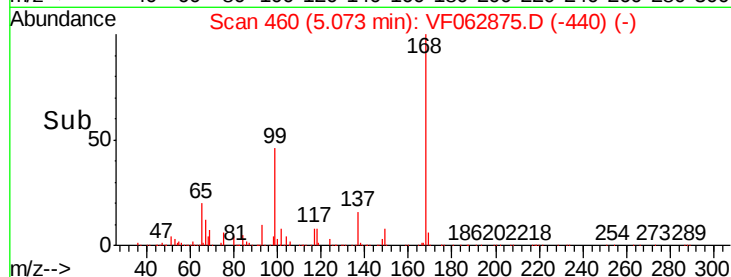
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.246 ug/l

RT: 1.01 min Scan# 48

Delta R.T. 0.00 min

Lab File: VF062875.D

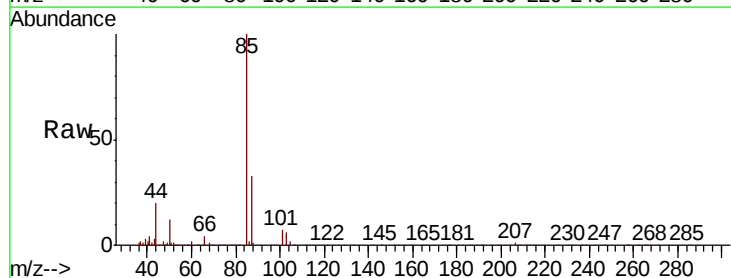
Acq: 6 Jun 2019 10:56

Tgt Ion: 85 Resp: 403342

Ion Ratio Lower Upper

85 100

87 33.2 17.6 52.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.01

100000

80000

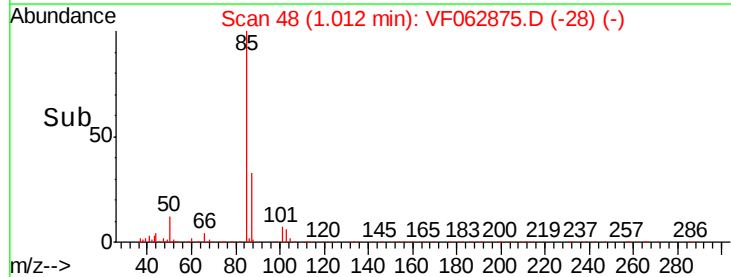
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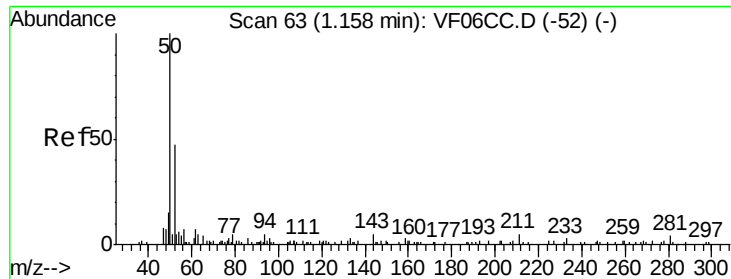
40000

20000

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Time-->





#3

Chloromethane

Concen: 41.787 ug/l

RT: 1.15 min Scan# 62

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

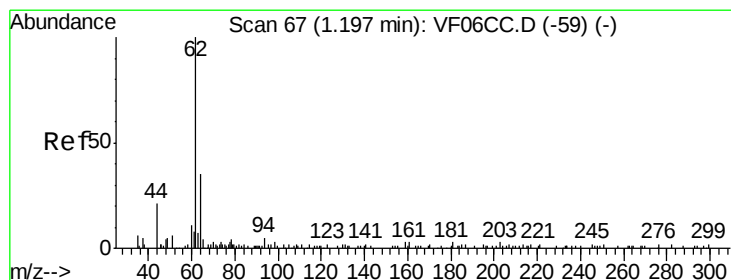
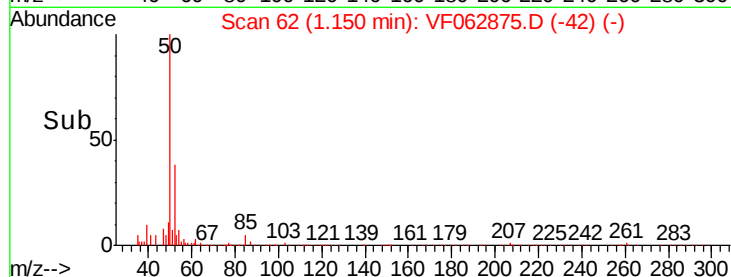
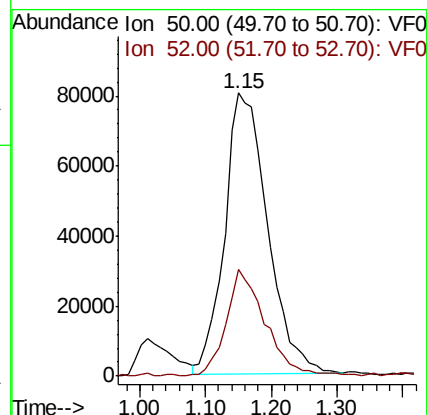
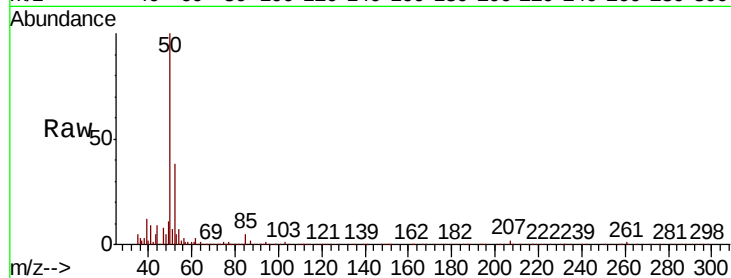
VSTDCCC050

Tot Ion: 50 Resp: 366970

Ion Ratio Lower Upper

50 100

52 37.8 27.0 40.4



#4

Vinyl Chloride

Concen: 42.456 ug/l

RT: 1.20 min Scan# 67

Delta R.T. -0.00 min

Lab File: VF062875.D

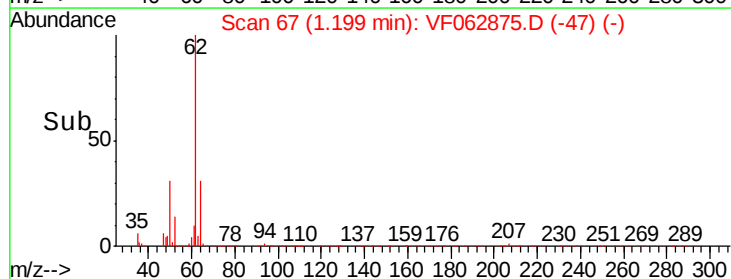
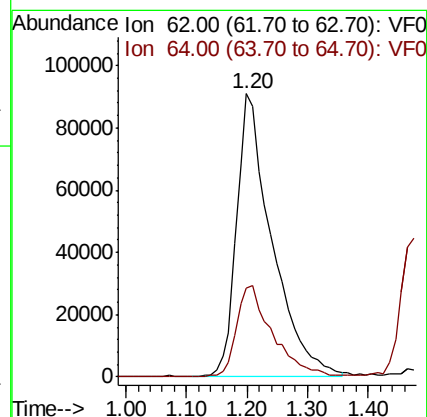
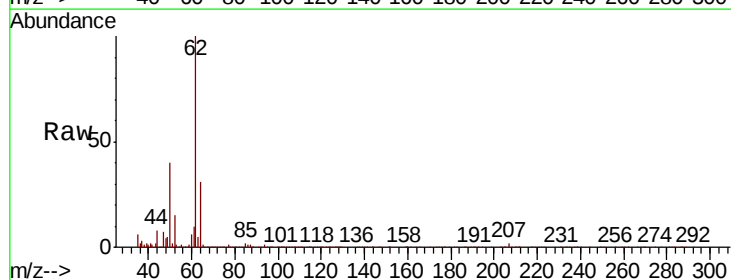
Acq: 6 Jun 2019 10:56

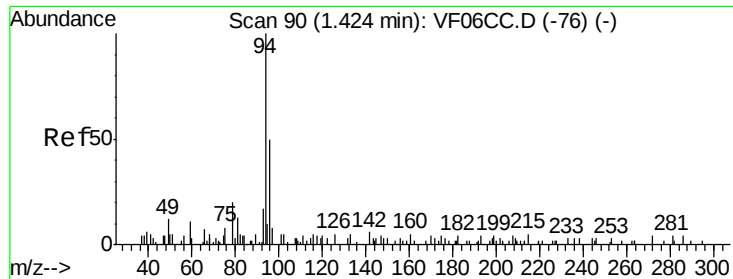
Tgt Ion: 62 Resp: 370503

Ion Ratio Lower Upper

62 100

64 31.4 26.2 39.2





#5

Bromomethane

Concen: 48.506 ug/l

RT: 1.42 min Scan# 89

Delta R.T. 0.01 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

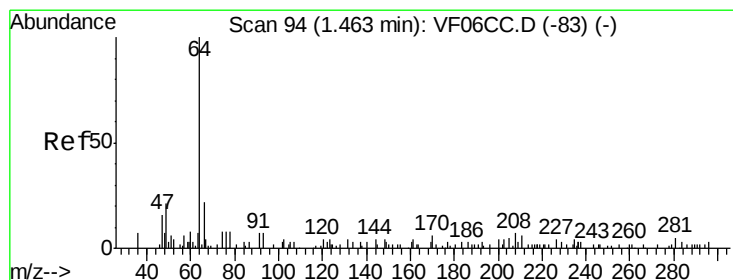
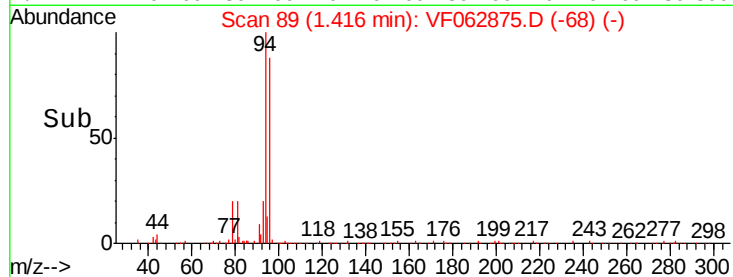
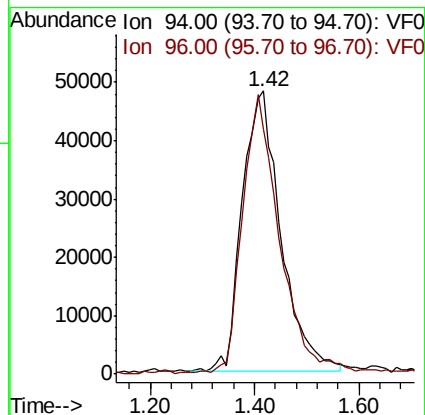
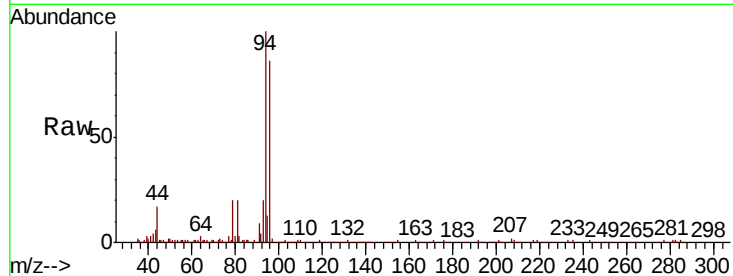
VSTDCCC050

Tot Ion: 94 Resp: 241409

Ion Ratio Lower Upper

94 100

96 86.4 73.8 110.6



#6

Chloroethane

Concen: 45.809 ug/l

RT: 1.48 min Scan# 95

Delta R.T. 0.01 min

Lab File: VF062875.D

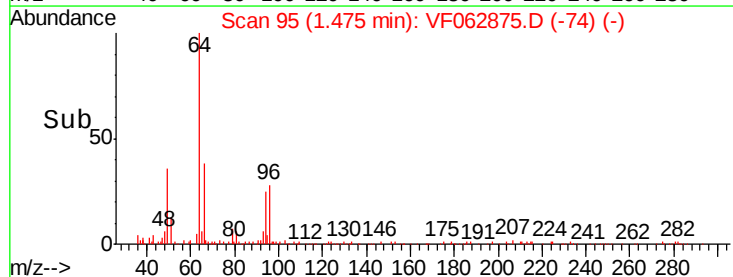
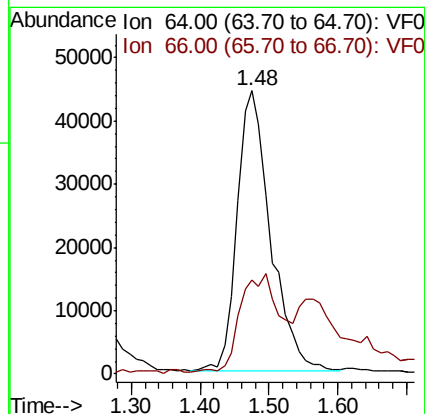
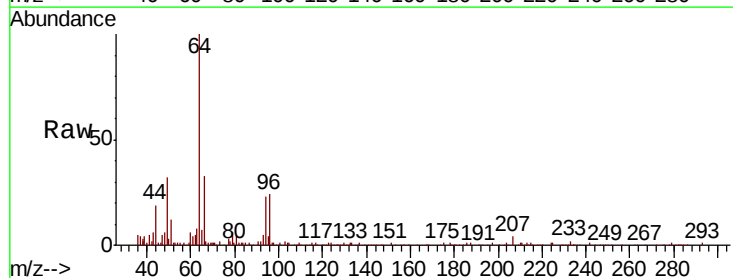
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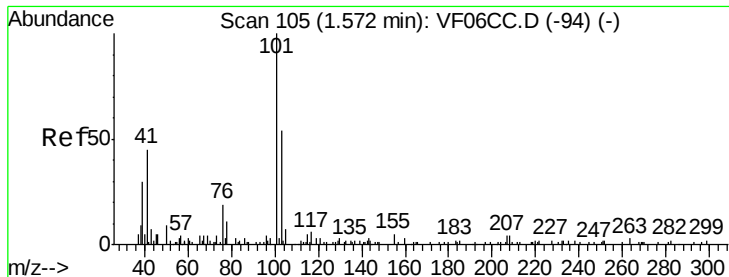
Tgt Ion: 64 Resp: 149468

Ion Ratio Lower Upper

64 100

66 33.1 31.0 46.4



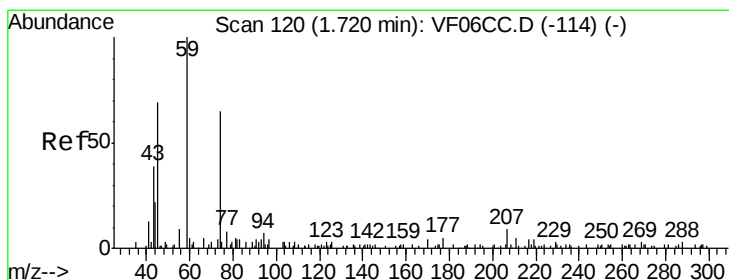
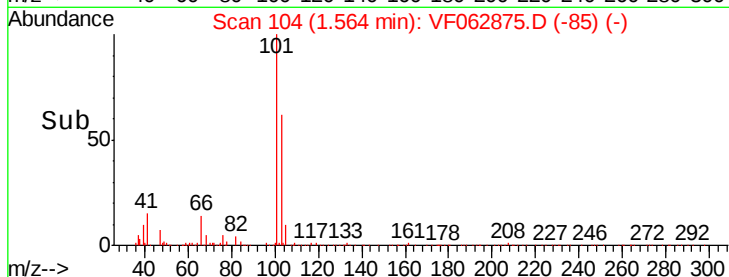
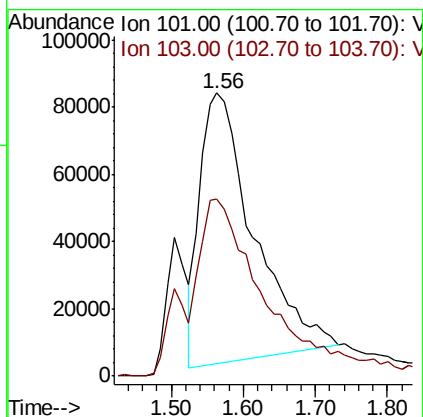
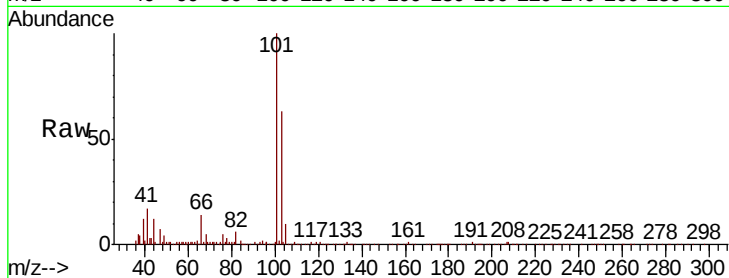


#7

Trichlorofluoromethane
Concen: 33.621 ug/l
RT: 1.56 min Scan# 104
Delta R.T. -0.01 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

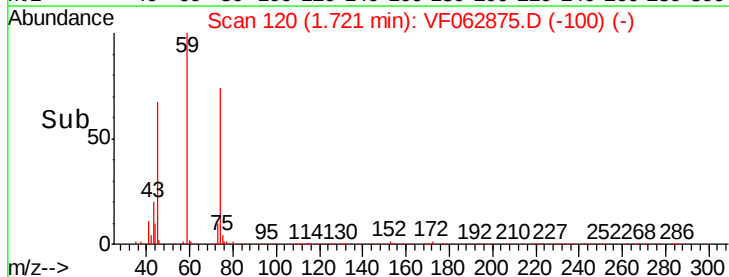
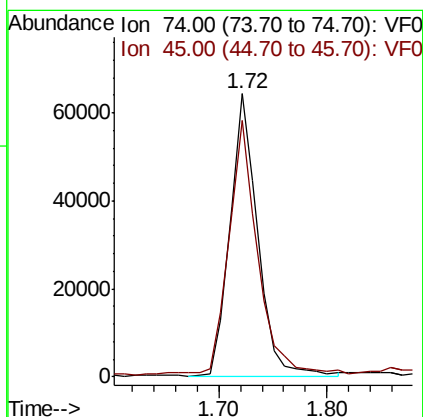
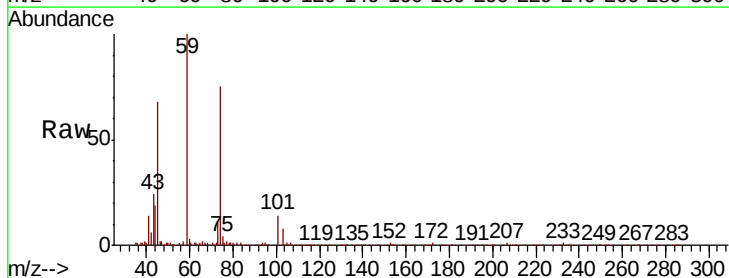
Tot Ion:101 Resp: 415365
Ion Ratio Lower Upper
101 100
103 62.5 54.6 82.0

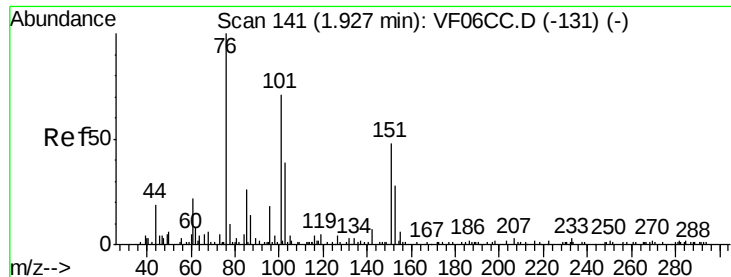


#8

Diethyl Ether
Concen: 47.588 ug/l
RT: 1.72 min Scan# 120
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Tgt Ion: 74 Resp: 115670
Ion Ratio Lower Upper
74 100
45 90.8 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.533 ug/l

RT: 1.95 min Scan# 143

Delta R.T. 0.01 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

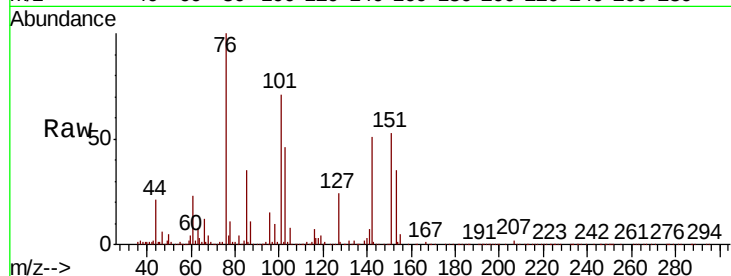
Tot Ion:101 Resp: 353669

Ion Ratio Lower Upper

101 100

85 49.5 37.1 55.7

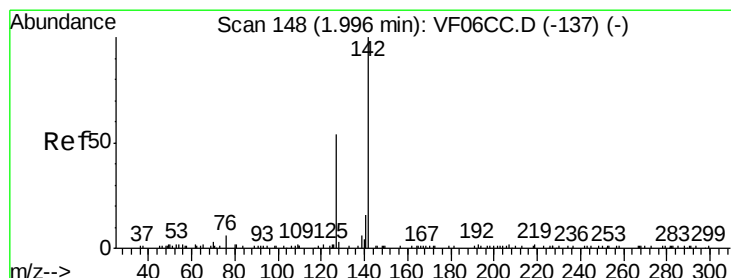
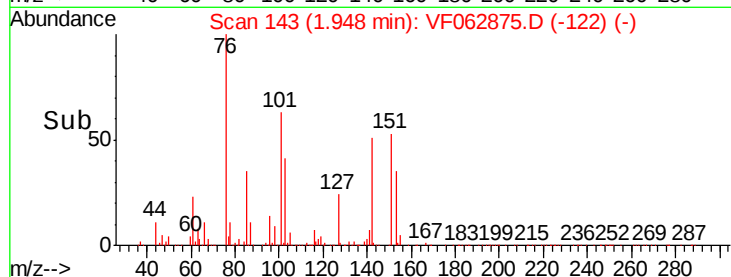
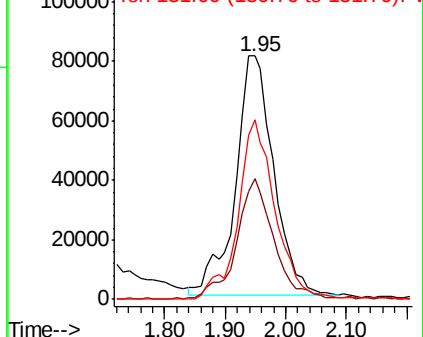
151 73.9 60.3 90.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 38.584 ug/l

RT: 2.02 min Scan# 150

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

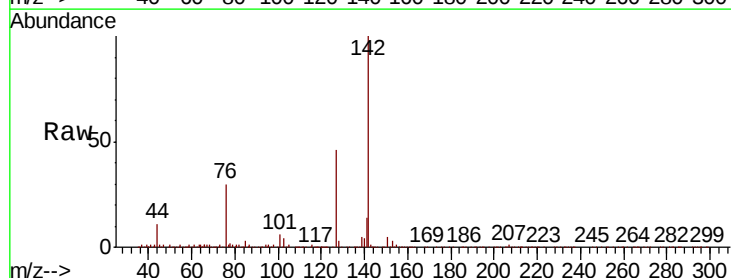
Tgt Ion:142 Resp: 600897

Ion Ratio Lower Upper

142 100

127 46.2 39.4 59.2

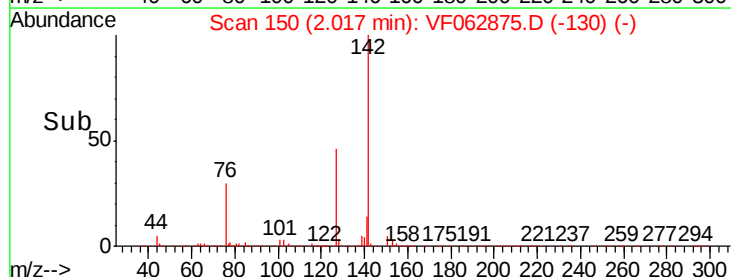
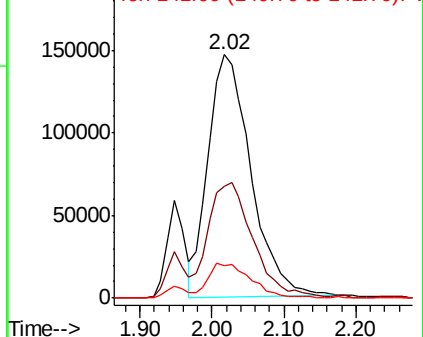
141 13.6 10.6 15.8

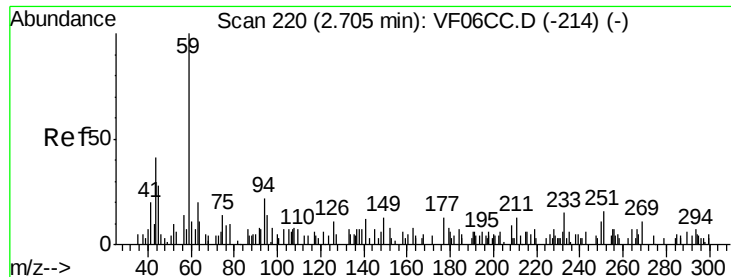


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



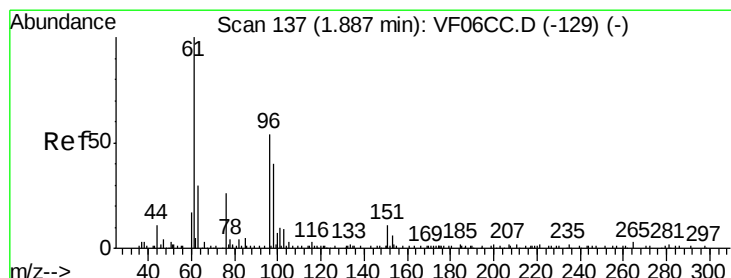
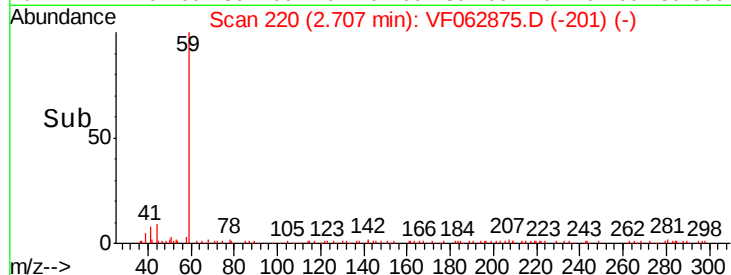
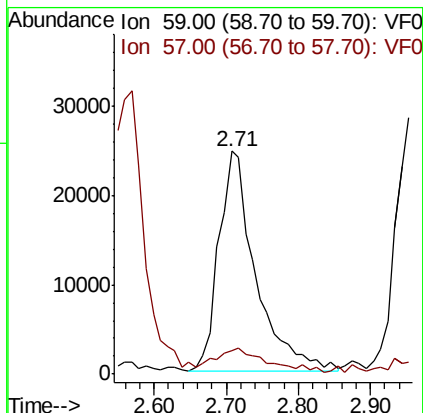
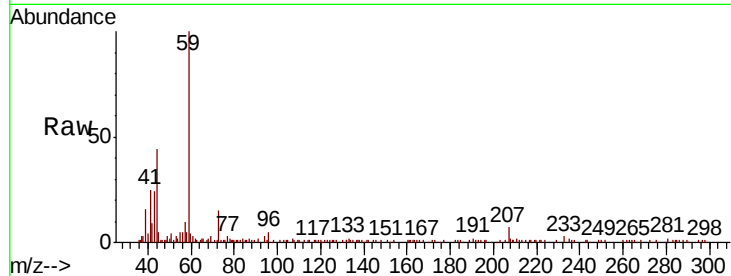


#11

Tert butyl alcohol
 Concen: 244.431 ug/l
 RT: 2.71 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VF062875.D
 Acq: 6 Jun 2019 10:56

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

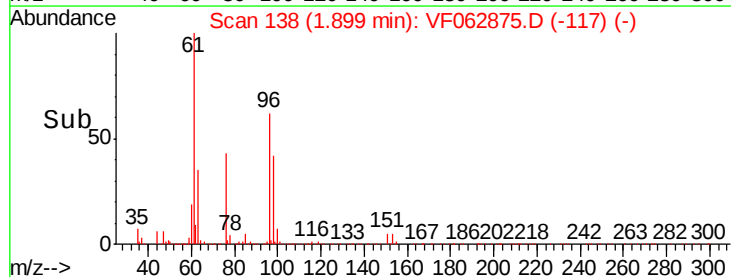
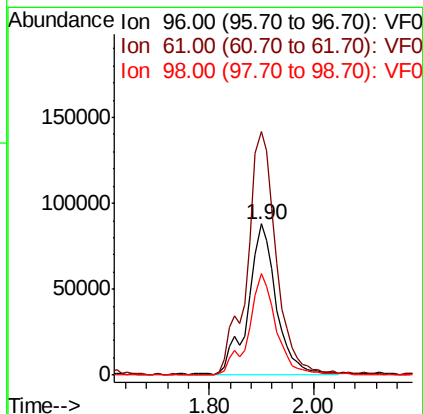
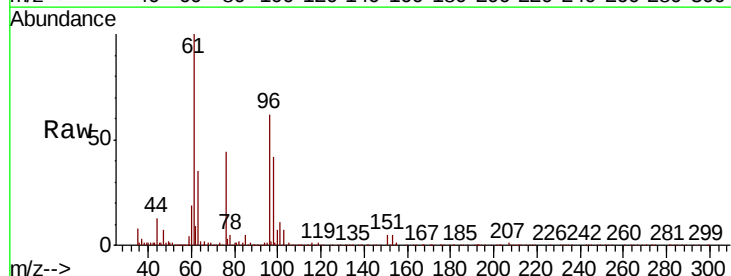
Tot Ion: 59 Resp: 86905
 Ion Ratio Lower Upper
 59 100
 57 10.4 9.2 13.8

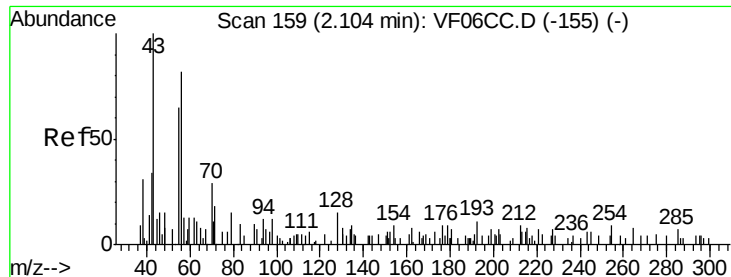


#12

1,1-Dichloroethene
 Concen: 45.273 ug/l
 RT: 1.90 min Scan# 138
 Delta R.T. 0.01 min
 Lab File: VF062875.D
 Acq: 6 Jun 2019 10:56

Tgt Ion: 96 Resp: 319310
 Ion Ratio Lower Upper
 96 100
 61 160.9 139.4 209.2
 98 66.9 50.3 75.5





#13

Acrolein

Concen: 192.382 ug/l

RT: 2.12 min Scan# 160

Delta R.T. 0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

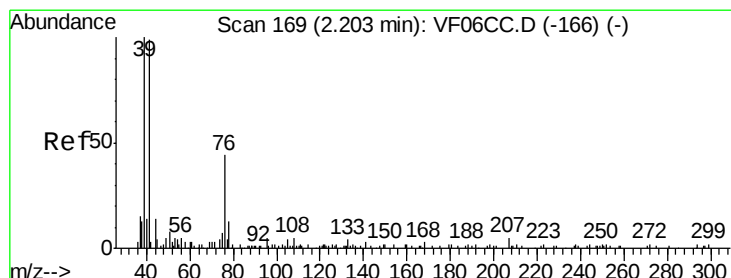
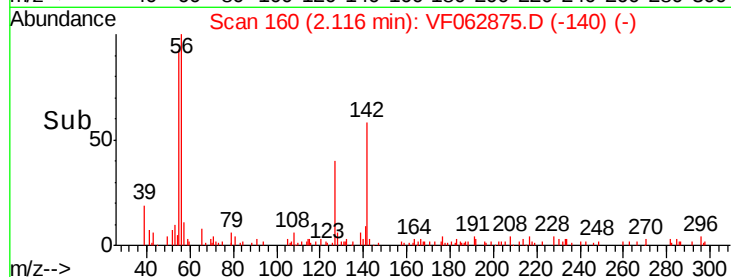
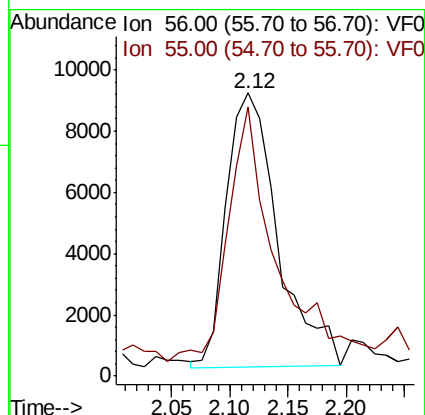
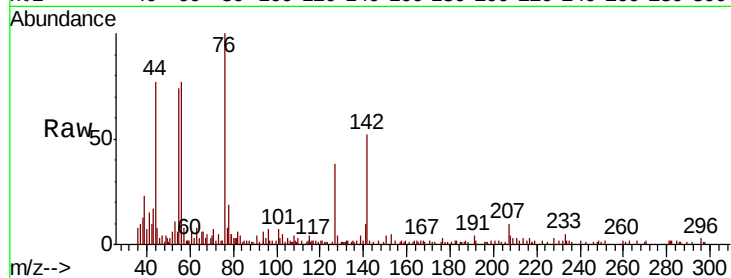
VSTDCCC050

Tot Ion: 56 Resp: 27593

Ion Ratio Lower Upper

56 100

55 95.2 52.9 79.3#



#14

Allyl chloride

Concen: 41.975 ug/l

RT: 2.21 min Scan# 170

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

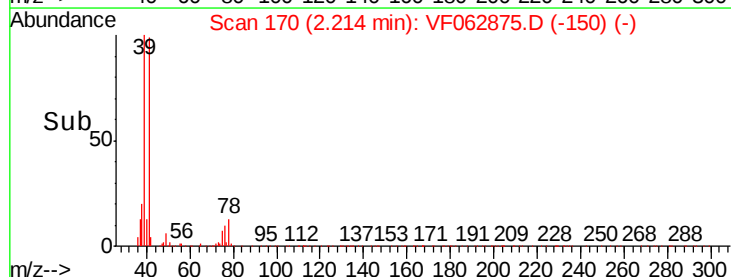
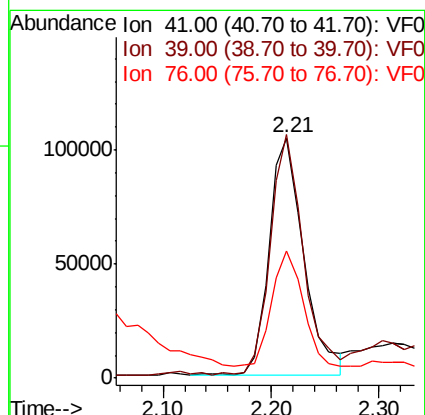
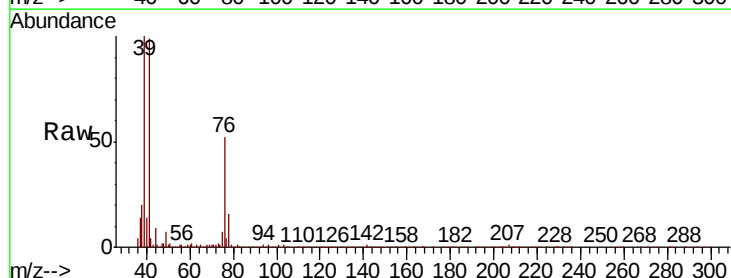
Tgt Ion: 41 Resp: 229673

Ion Ratio Lower Upper

41 100

39 101.4 71.9 107.9

76 52.7 39.6 59.4





#15

Acrylonitrile

Concen: 310.366 ug/l

RT: 3.10 min Scan# 260

Delta R.T. -0.01 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

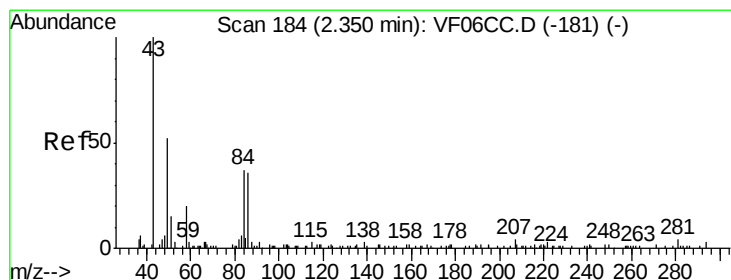
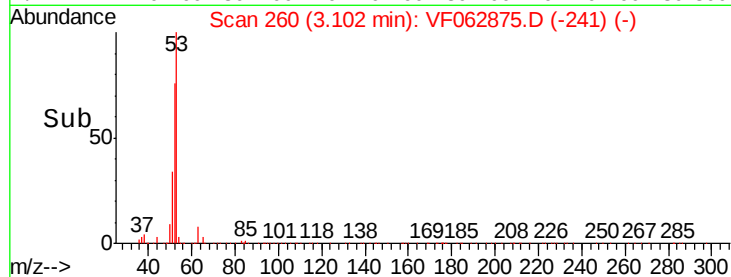
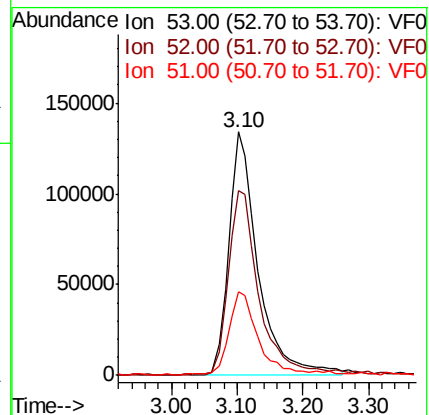
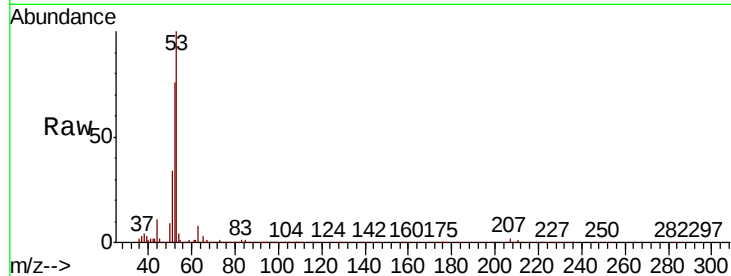
Tot Ion: 53 Resp: 414640

Ion Ratio Lower Upper

53 100

52 75.7 68.1 102.1

51 34.5 27.7 41.5



#16

Acetone

Concen: 259.074 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.00 min

Lab File: VF062875.D

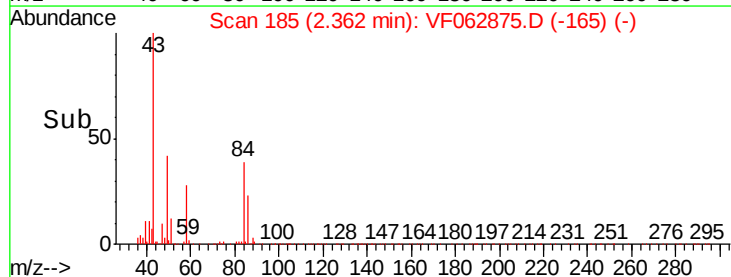
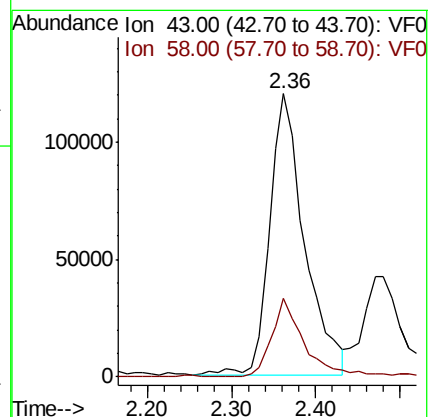
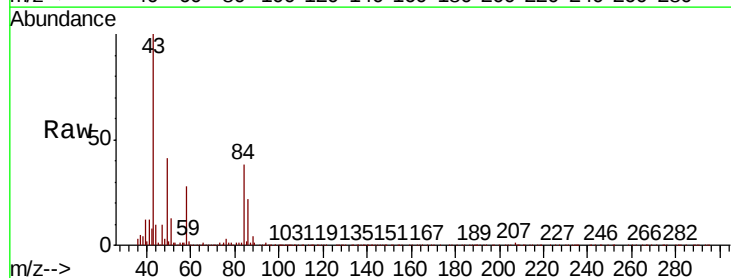
Acq: 6 Jun 2019 10:56

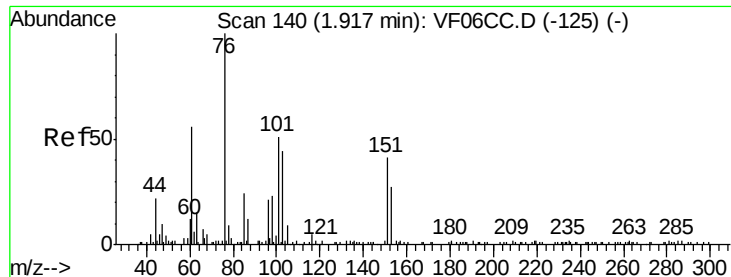
Tgt Ion: 43 Resp: 348012

Ion Ratio Lower Upper

43 100

58 27.7 19.0 28.4

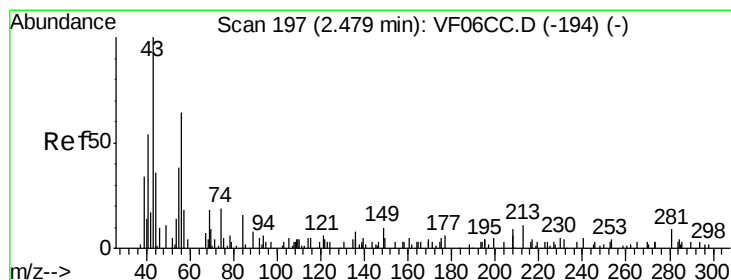
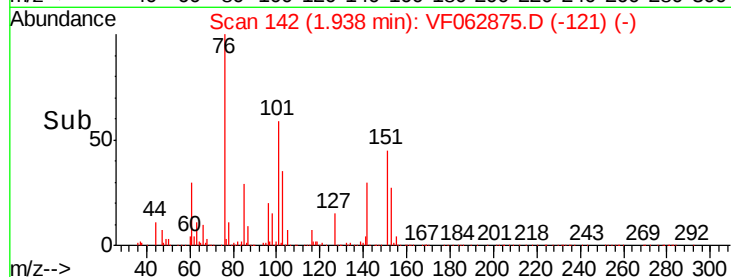
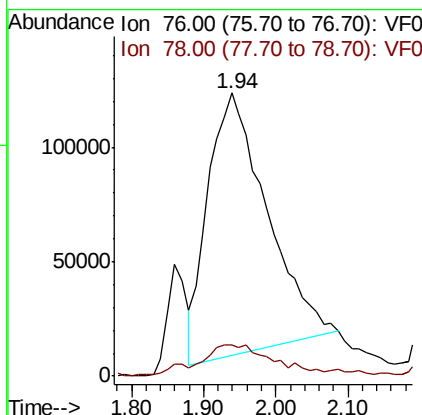
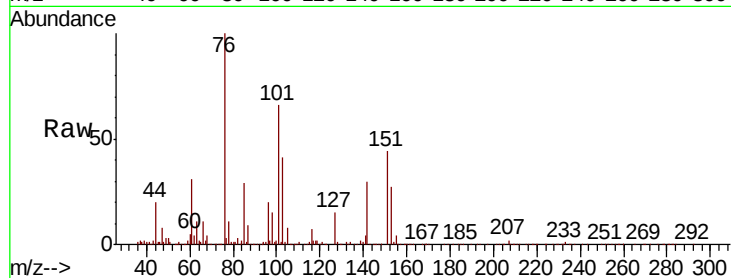




#17
Carbon Disulfide
Concen: 31.740 ug/l
RT: 1.94 min Scan# 142
Delta R.T. 0.01 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

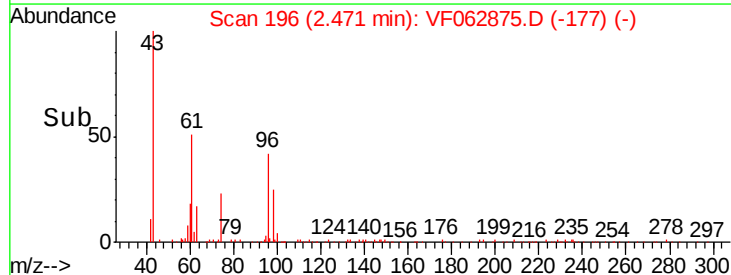
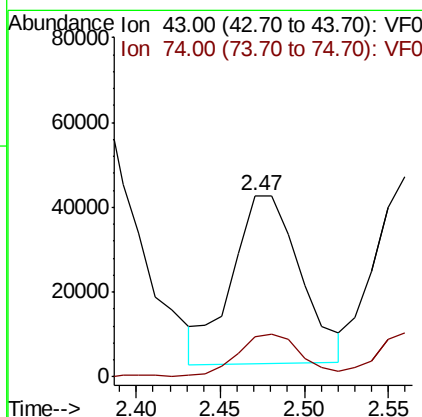
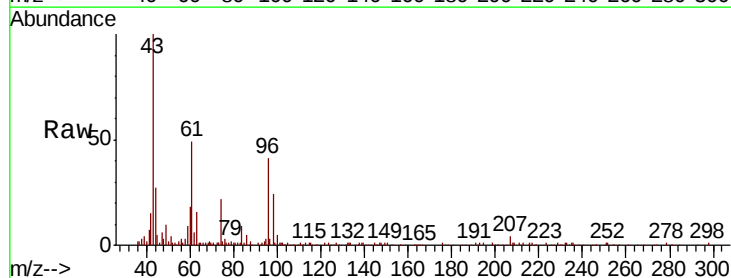
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 654286
Ion Ratio Lower Upper
76 100
78 11.1 9.4 14.2



#18
Methyl Acetate
Concen: 47.889 ug/l
RT: 2.47 min Scan# 196
Delta R.T. -0.01 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Tgt Ion: 43 Resp: 112415
Ion Ratio Lower Upper
43 100
74 22.1 22.1 33.1

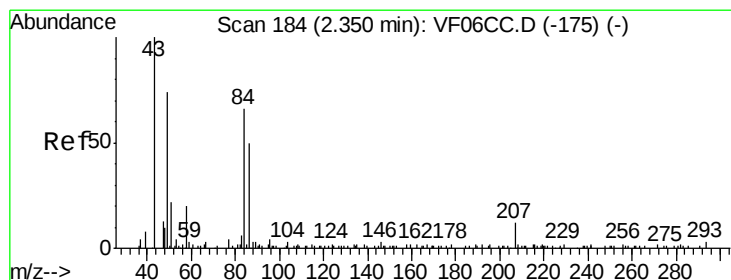
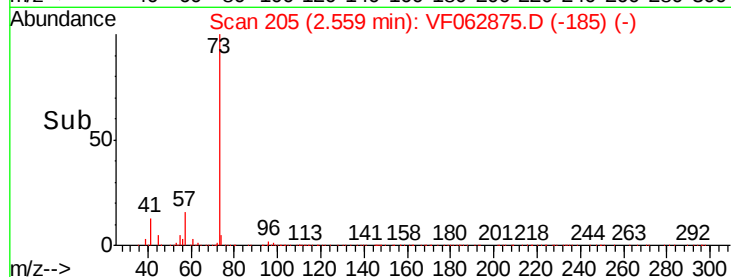
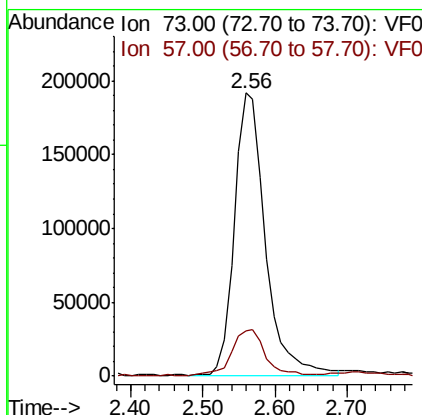
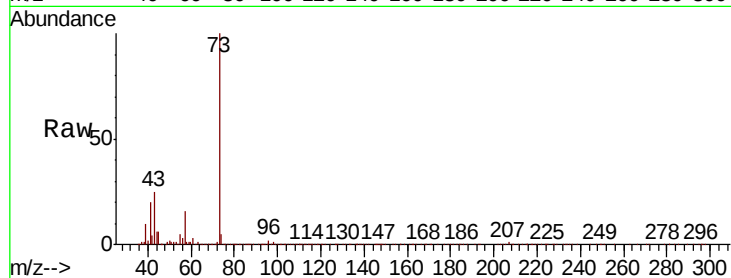




#19
Methvl tert-butvl Ether
Concen: 44.640 ug/l
RT: 2.56 min Scan# 205
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

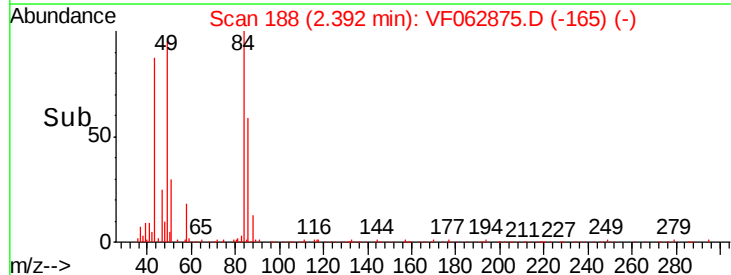
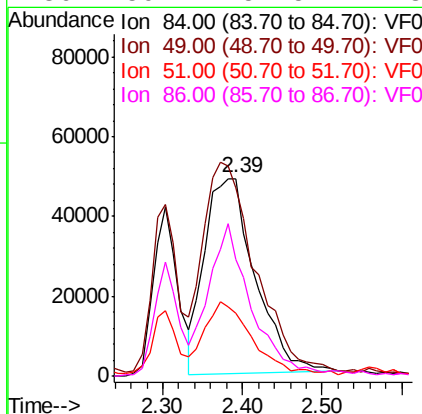
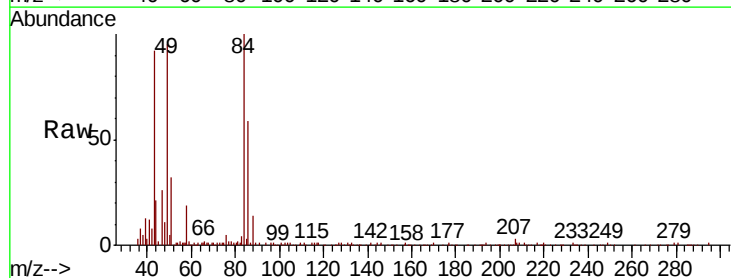
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

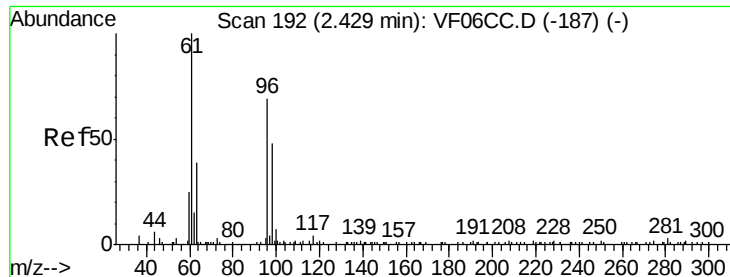
Tot Ion: 73 Resp: 570419
Ion Ratio Lower Upper
73 100
57 16.0 15.1 22.7



#20
Methylene Chloride
Concen: 30.908 ug/l
RT: 2.39 min Scan# 188
Delta R.T. 0.03 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Tgt Ion: 84 Resp: 215579
Ion Ratio Lower Upper
84 100
49 95.3 82.6 123.8
51 31.9 25.0 37.4
86 59.1 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 34.642 ug/l

RT: 2.44 min Scan# 193

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

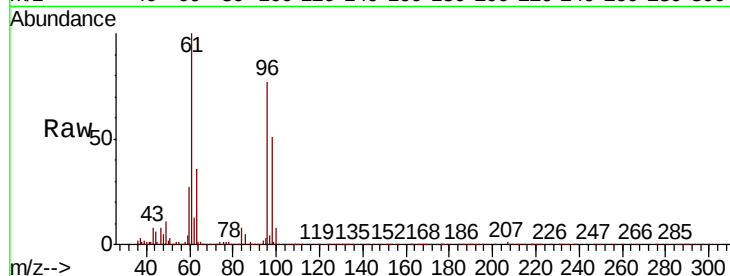
Tot Ion: 96 Resp: 244978

Ion Ratio Lower Upper

96 100

61 129.6 105.0 157.6

98 65.9 51.1 76.7

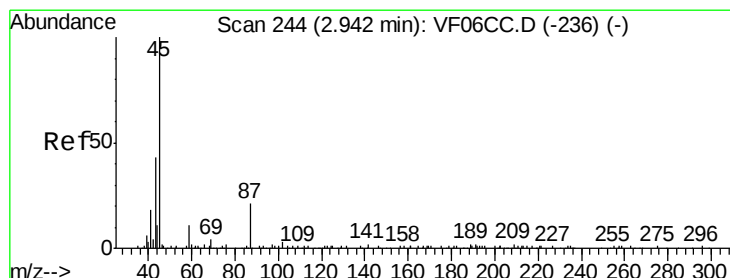
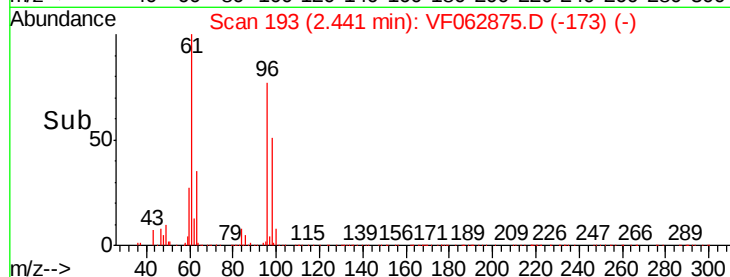
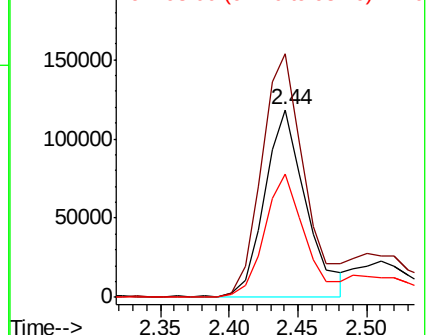


Abundance

Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#22

Diisopropyl ether

Concen: 43.168 ug/l

RT: 2.95 min Scan# 245

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Tgt Ion: 45 Resp: 671069

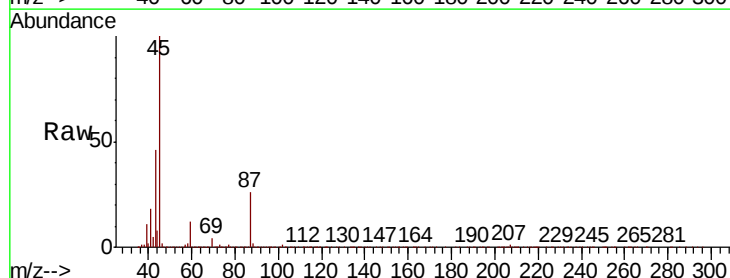
Ion Ratio Lower Upper

45 100

43 45.5 34.3 51.5

87 25.6 19.0 28.4

59 12.3 9.6 14.4



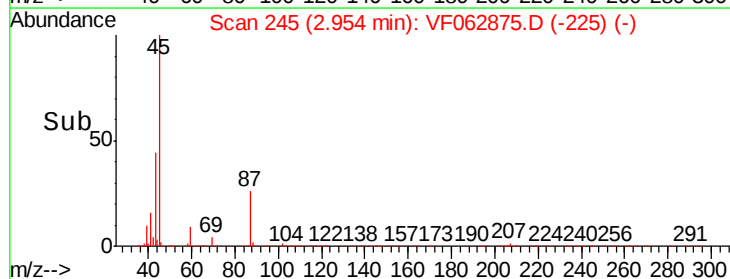
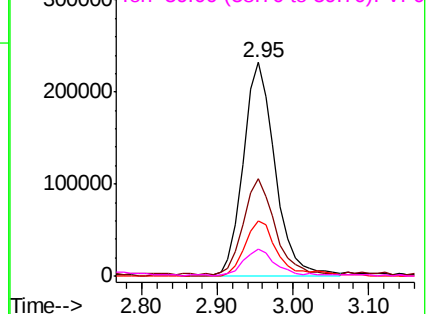
Abundance

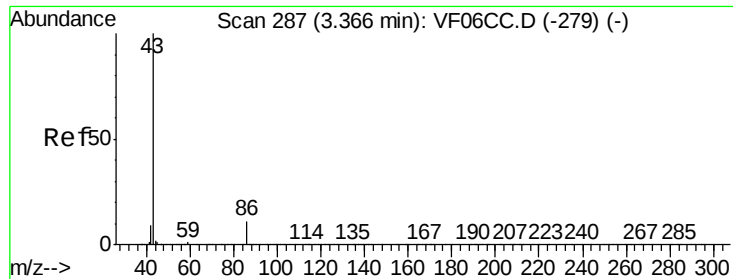
Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 226.079 ug/l

RT: 3.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

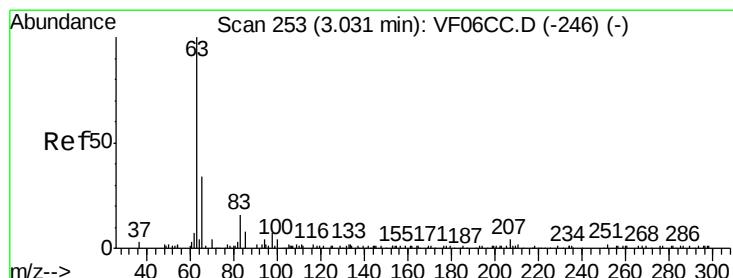
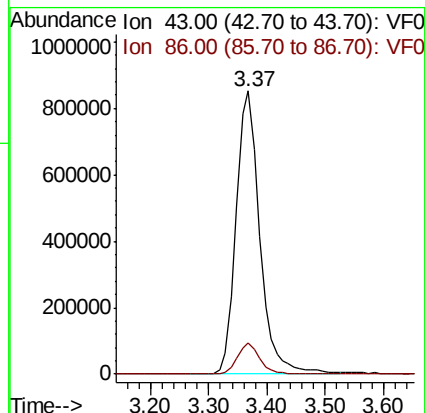
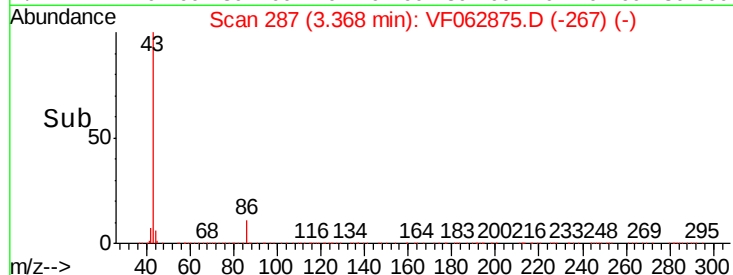
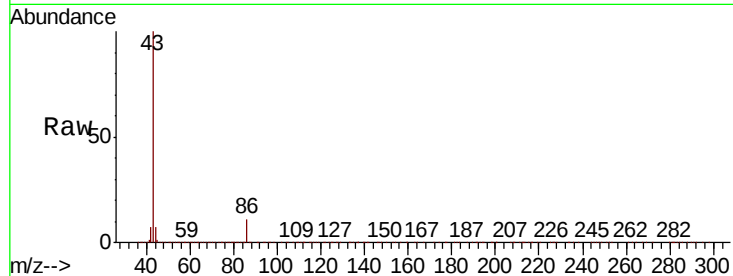
VSTDCCC050

Tot Ion: 43 Resp: 2406072

Ion Ratio Lower Upper

43 100

86 10.9 8.2 12.2



#24

1,1-Dichloroethane

Concen: 45.715 ug/l

RT: 3.03 min Scan# 253

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

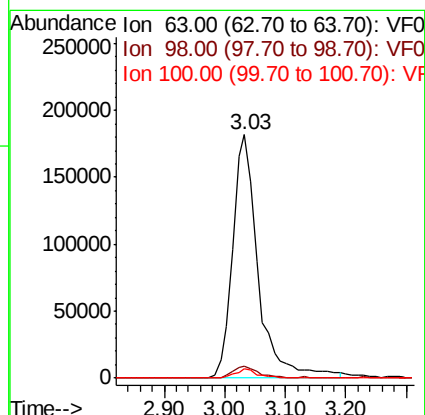
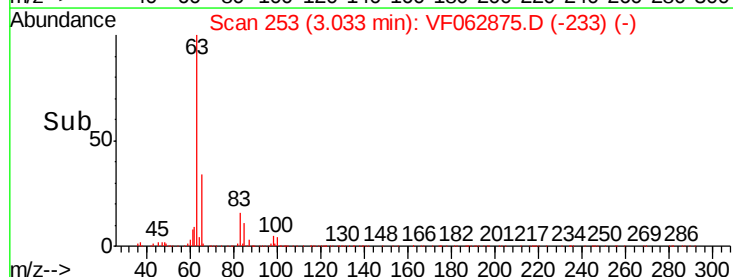
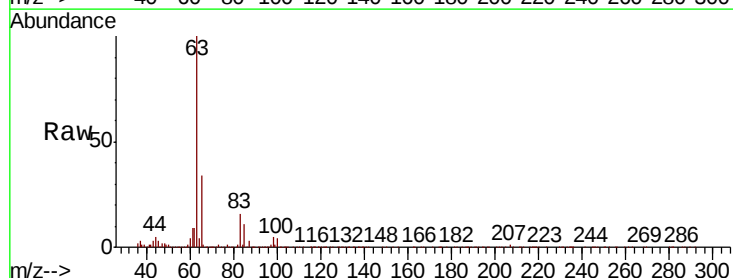
Tgt Ion: 63 Resp: 530614

Ion Ratio Lower Upper

63 100

98 4.9 2.4 7.1

100 4.0 1.5 4.5

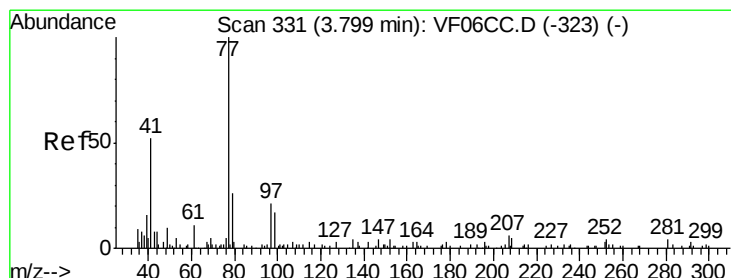
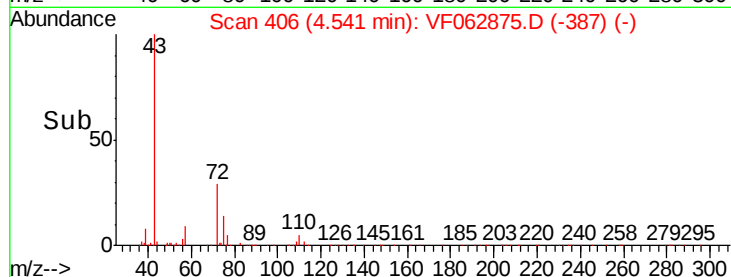
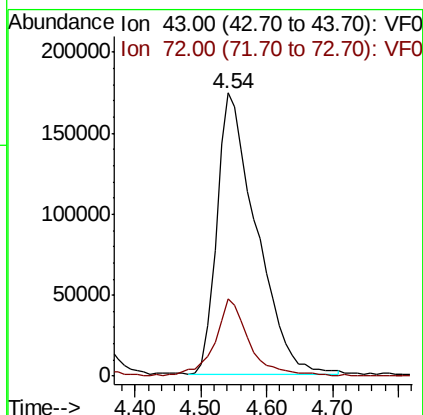
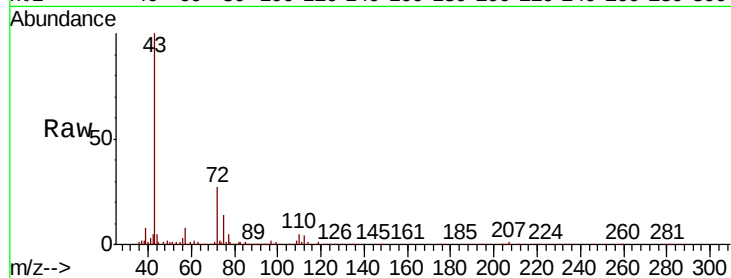




#25
2-Butanone
Concen: 230.253 ug/l
RT: 4.54 min Scan# 406
Delta R.T. -0.01 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

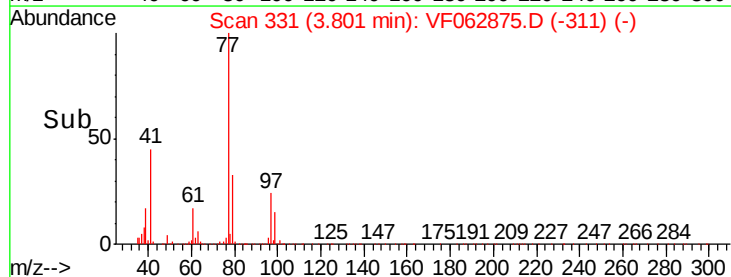
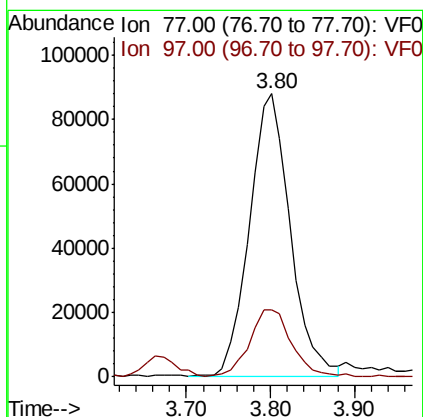
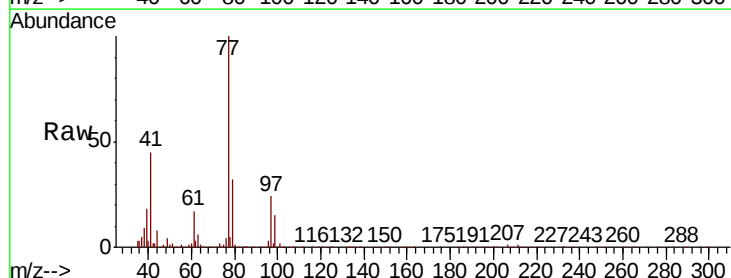
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

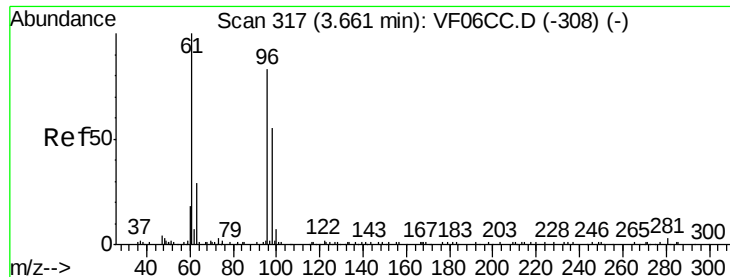
Tot Ion: 43 Resp: 720281
Ion Ratio Lower Upper
43 100
72 27.1 21.4 32.0



#26
2,2-Dichloropropane
Concen: 45.241 ug/l
RT: 3.80 min Scan# 331
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Tgt Ion: 77 Resp: 298159
Ion Ratio Lower Upper
77 100
97 23.8 12.4 37.4



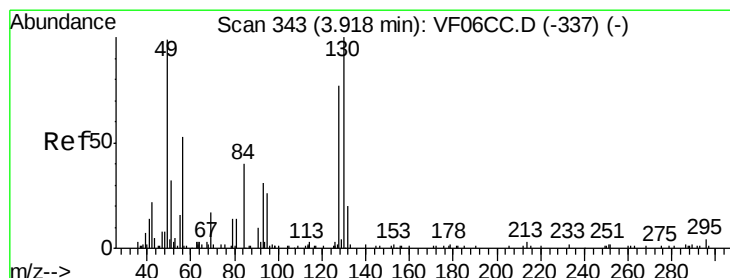
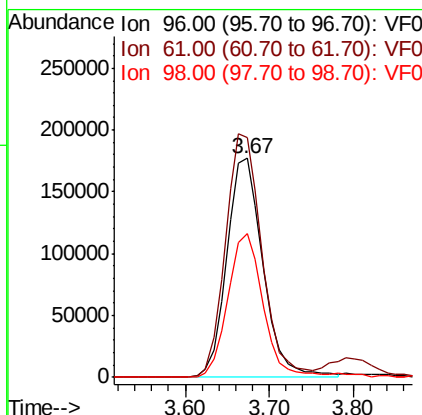
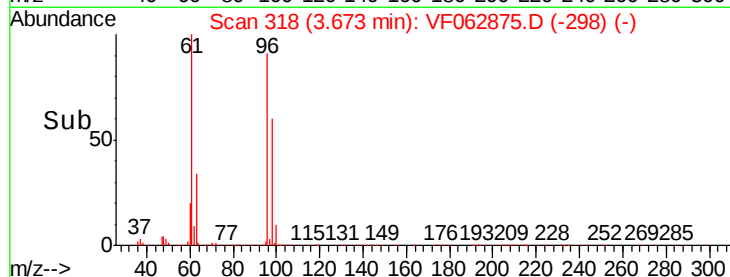
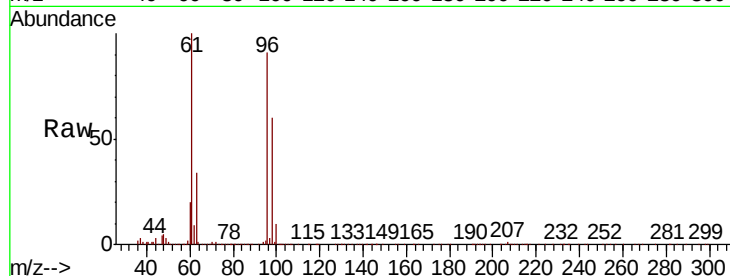


#27

cis-1,2-Dichloroethene
Concen: 44.326 ug/l
RT: 3.67 min Scan# 318
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

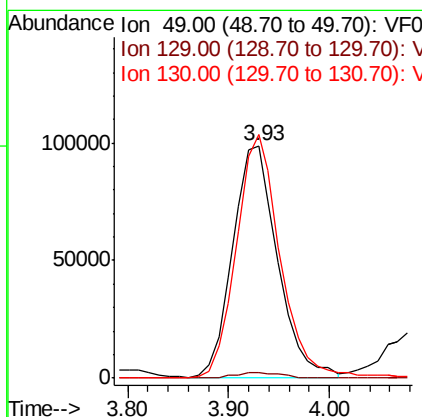
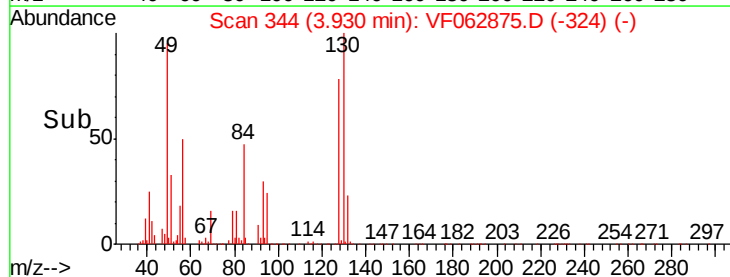
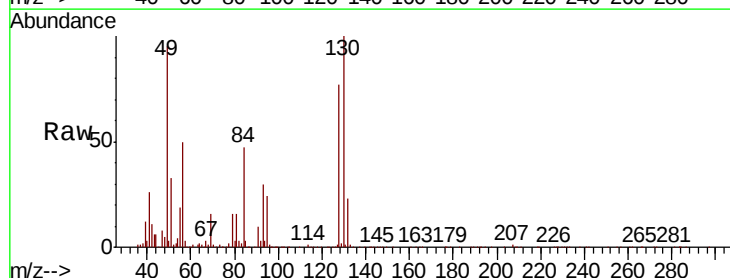
Tot Ion	Ratio	Lower	Upper
96	100		
61	109.8	0.0	213.8
98	65.9	0.0	127.0

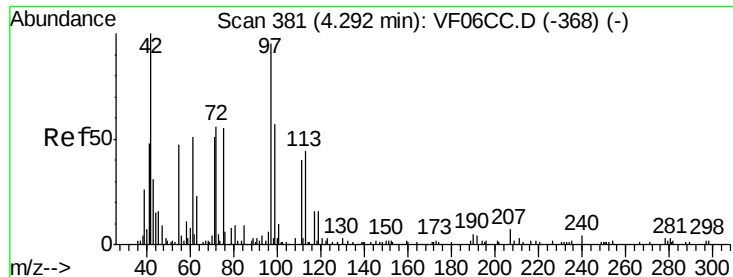


#28

Bromochloromethane
Concen: 48.043 ug/l
RT: 3.93 min Scan# 344
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.4
130	104.8	79.2	118.8

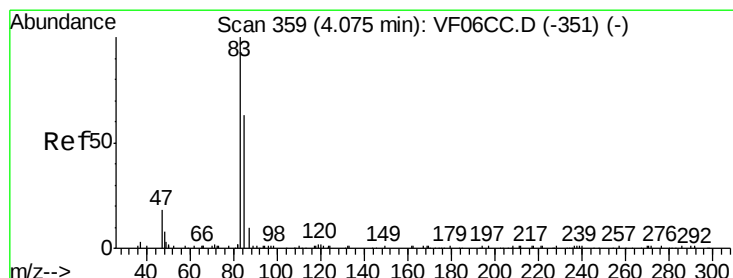
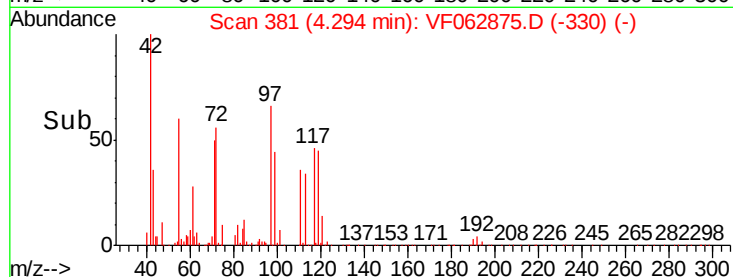
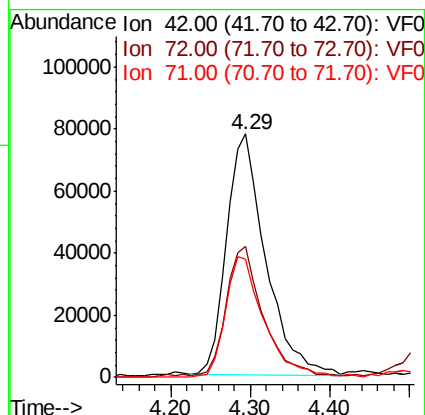
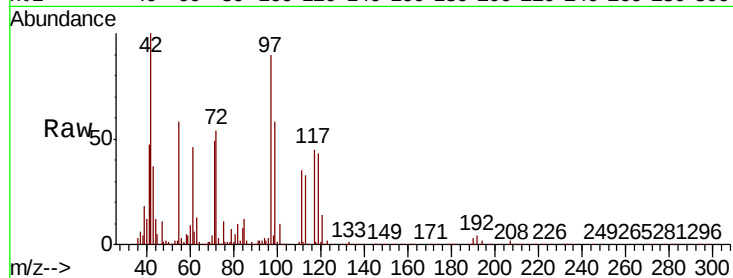




#29
Tetrahydrofuran
Concen: 222.970 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

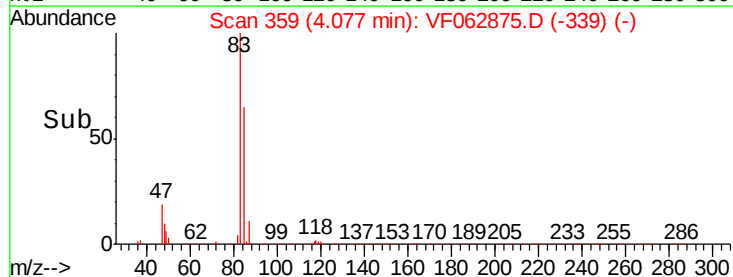
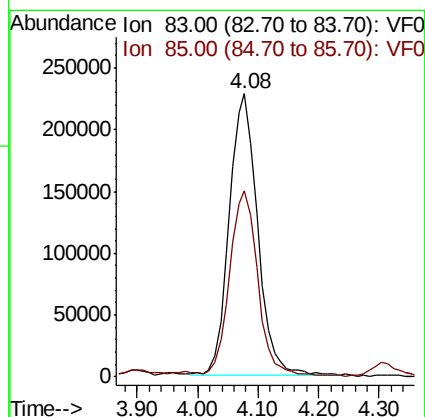
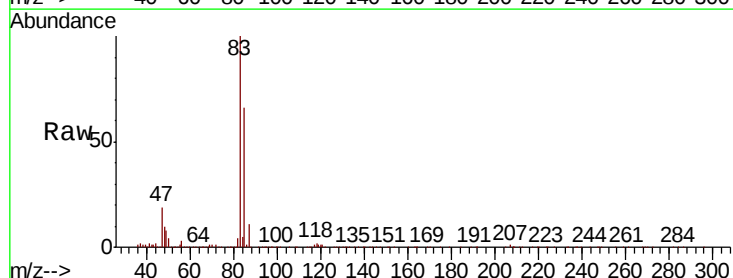
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

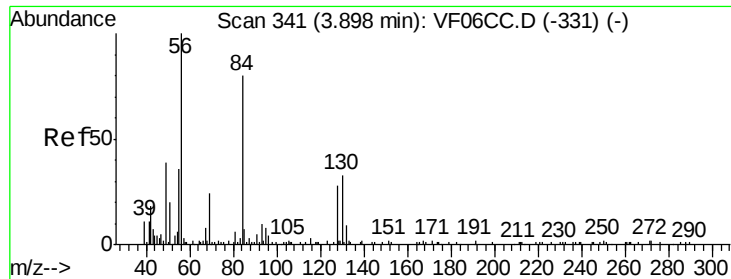
Tot Ion: 42 Resp: 266774
Ion Ratio Lower Upper
42 100
72 53.6 39.0 58.6
71 49.7 36.9 55.3



#30
Chloroform
Concen: 45.136 ug/l
RT: 4.08 min Scan# 359
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Tgt Ion: 83 Resp: 738348
Ion Ratio Lower Upper
83 100
85 65.8 55.0 82.6

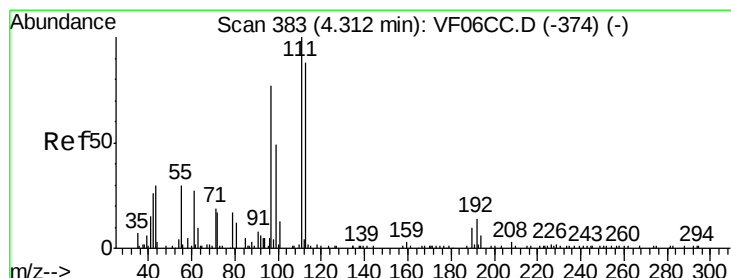
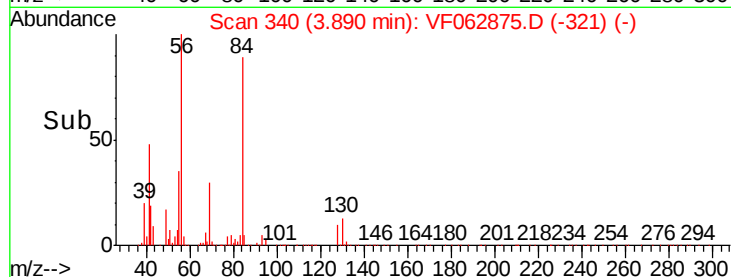
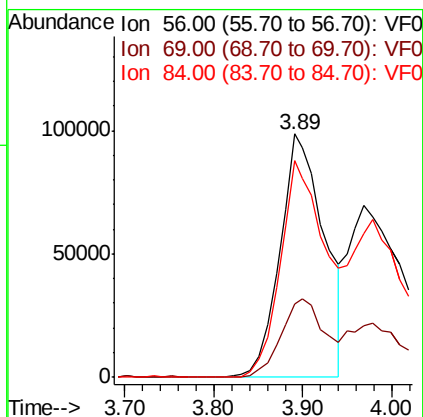
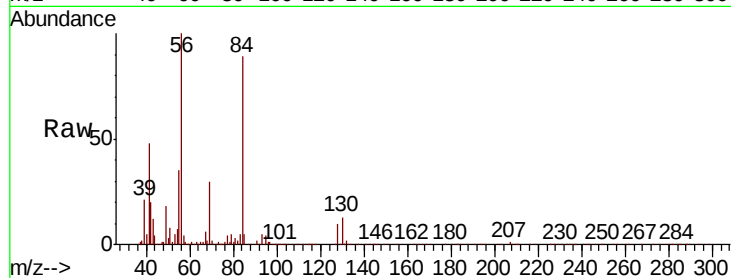




#31
Cyclohexane
Concen: 21.673 ug/l
RT: 3.89 min Scan# 340
Delta R.T. -0.01 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

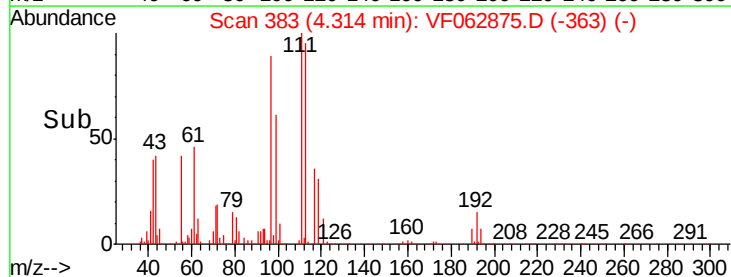
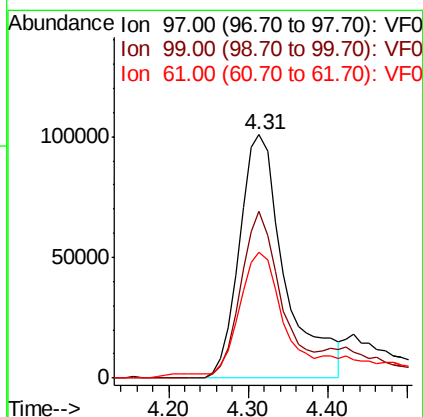
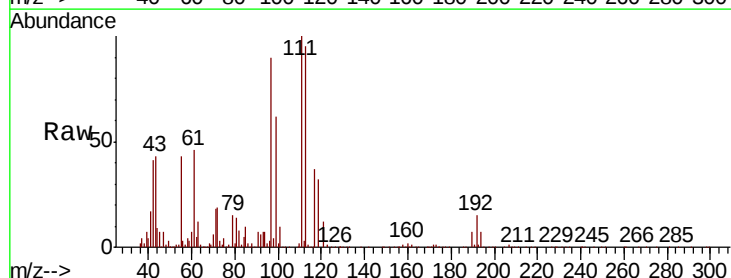
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

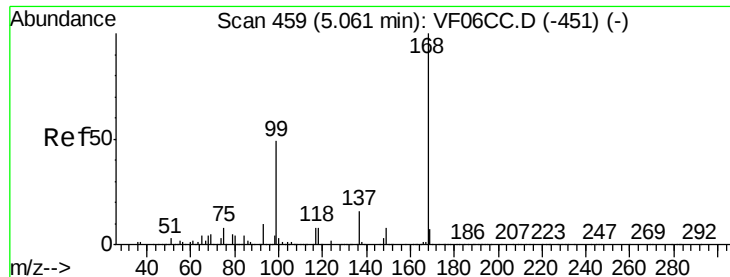
Tot Ion: 56 Resp: 340579
Ion Ratio Lower Upper
56 100
69 30.1 26.7 40.1
84 88.9 74.3 111.5



#32
1,1,1-Trichloroethane
Concen: 42.038 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Tgt Ion: 97 Resp: 400386
Ion Ratio Lower Upper
97 100
99 68.5 51.7 77.5
61 51.4 38.9 58.3

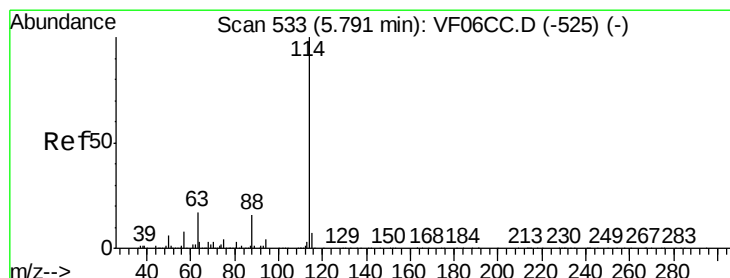
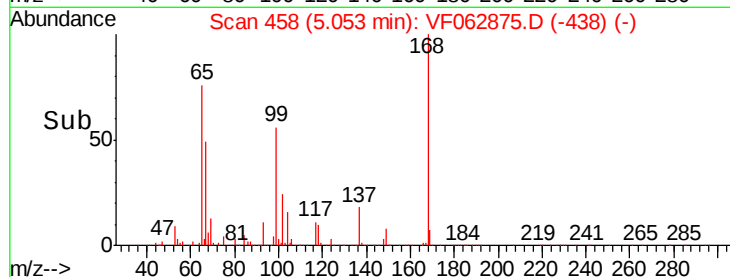
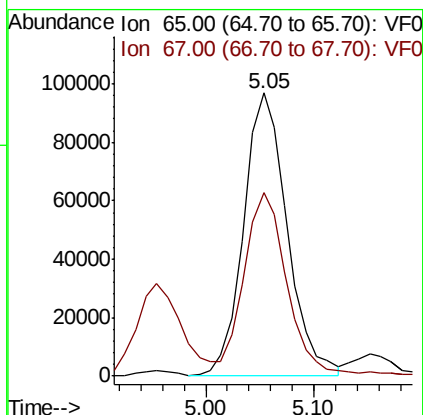
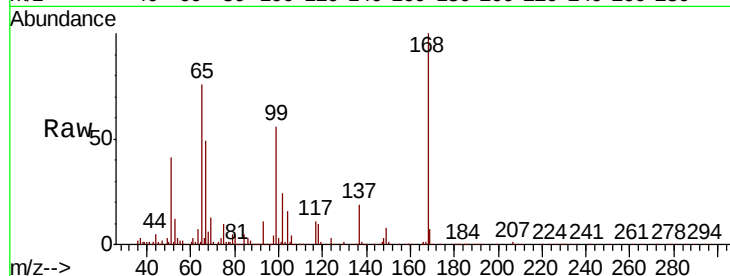




#33
 1,2-Dichloroethane-d4
 Concen: 46.209 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VF062875.D
 Acq: 6 Jun 2019 10:56

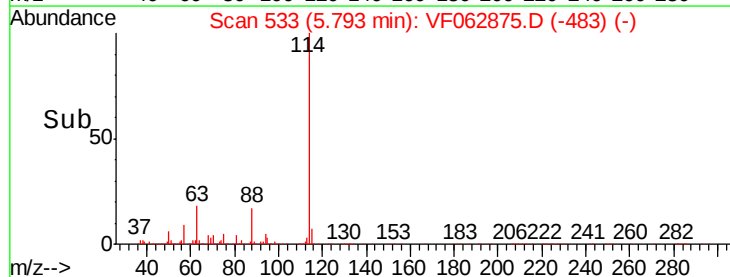
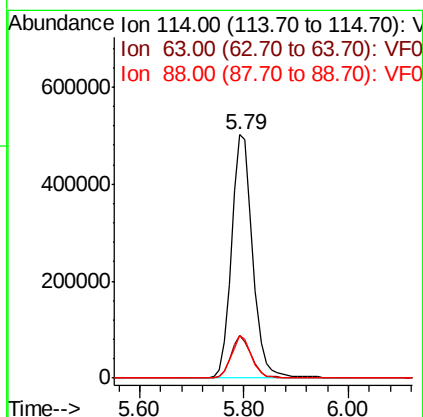
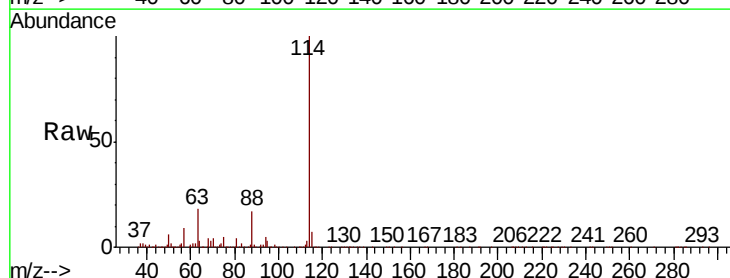
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

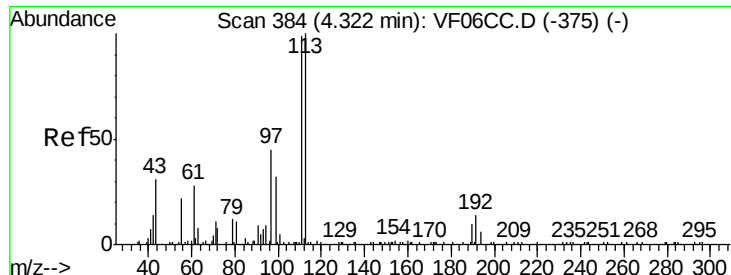
Tot Ion: 65 Resp: 271204
 Ion Ratio Lower Upper
 65 100
 67 64.7 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VF062875.D
 Acq: 6 Jun 2019 10:56

Tgt Ion: 114 Resp: 1390704
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.2
 88 17.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 45.135 ug/l

RT: 4.33 min Scan# 385

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

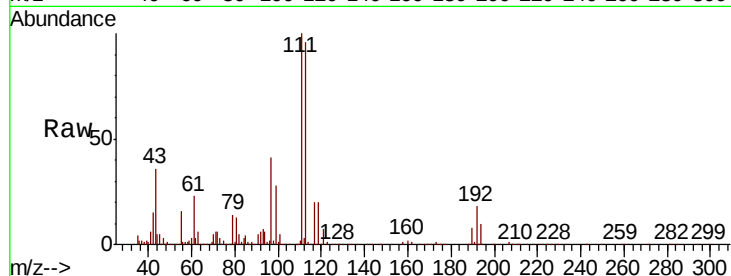
Tot Ion:113 Resp: 474319

Ion Ratio Lower Upper

113 100

111 104.6 81.9 122.9

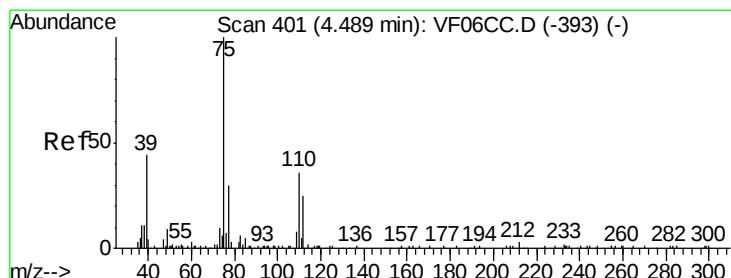
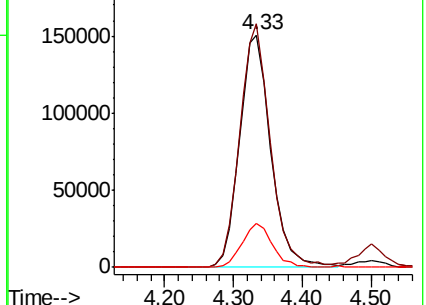
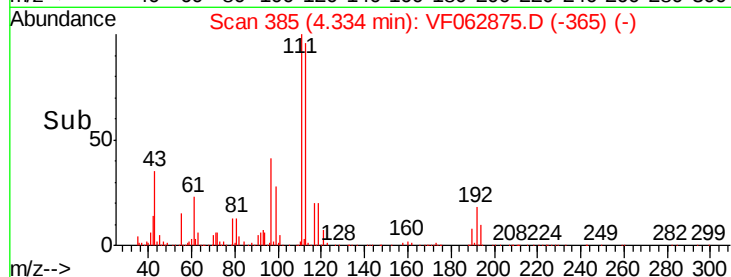
192 19.0 15.1 22.7



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: 44.857 ug/l

RT: 4.49 min Scan# 401

Delta R.T. -0.01 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

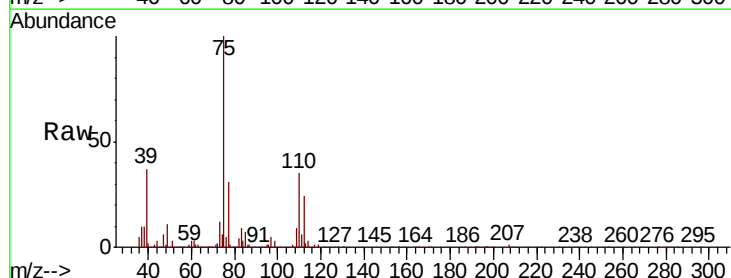
Tgt Ion: 75 Resp: 574293

Ion Ratio Lower Upper

75 100

110 35.4 19.4 58.1

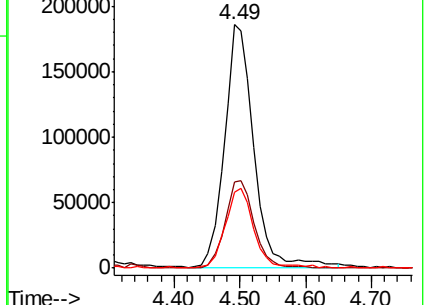
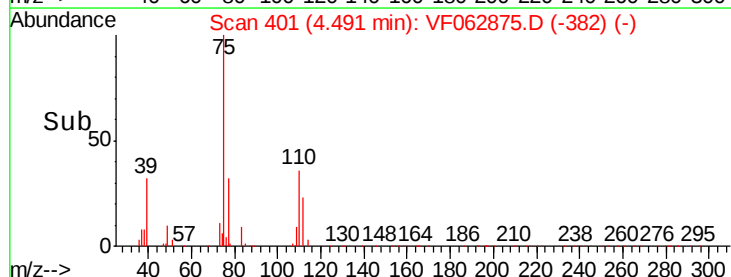
77 31.2 25.4 38.2

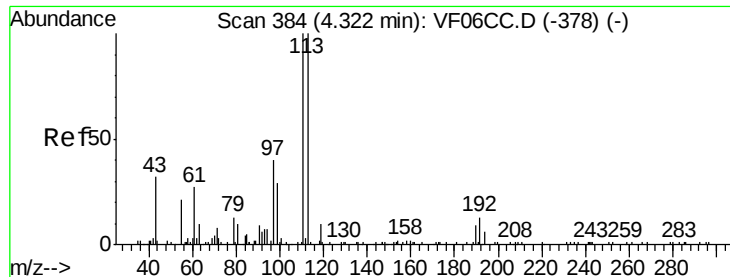


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

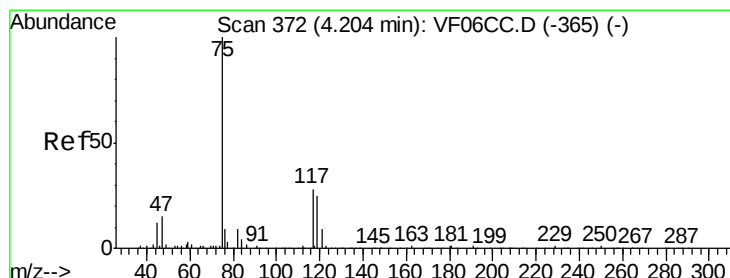
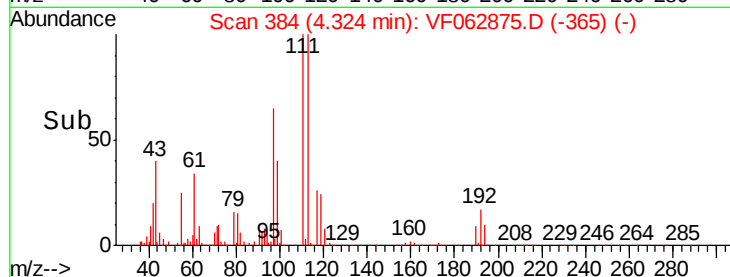
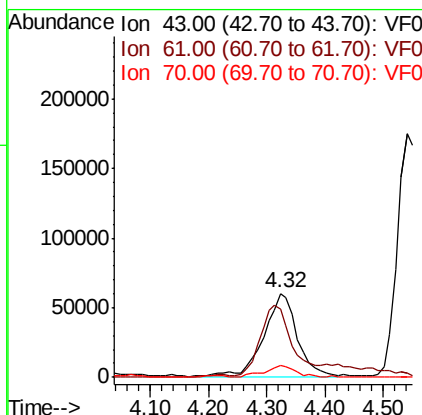
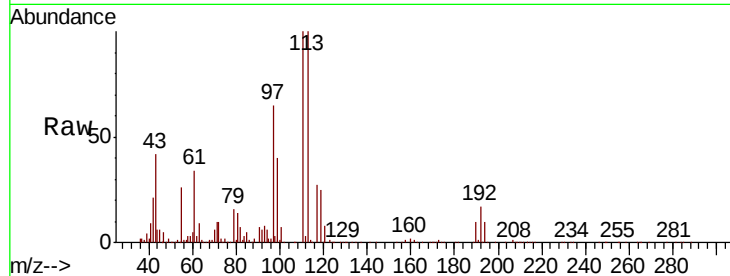




#37
Ethyl Acetate
Concen: 48.256 ug/l
RT: 4.32 min Scan# 384
Delta R.T. -0.01 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

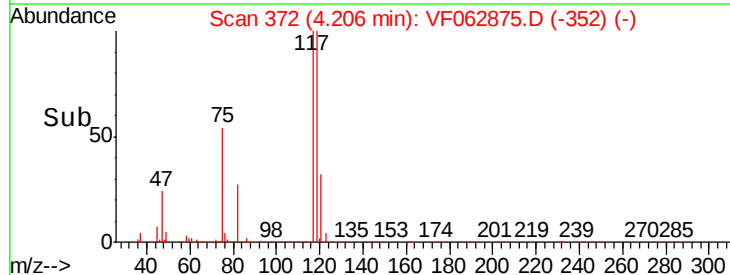
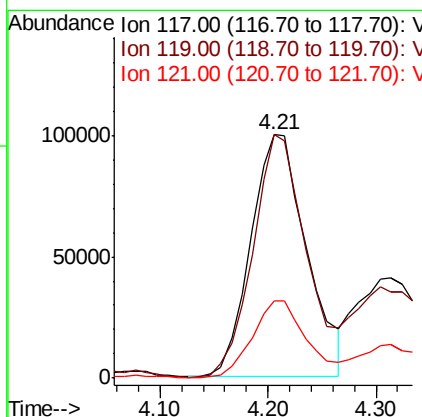
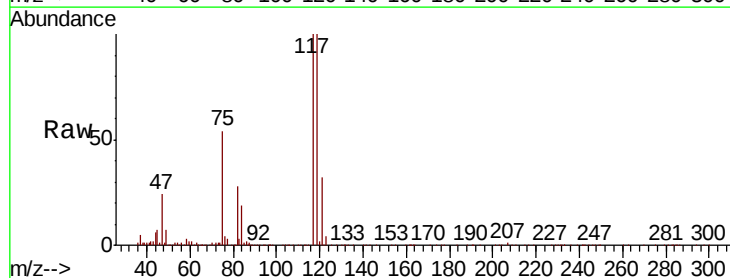
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

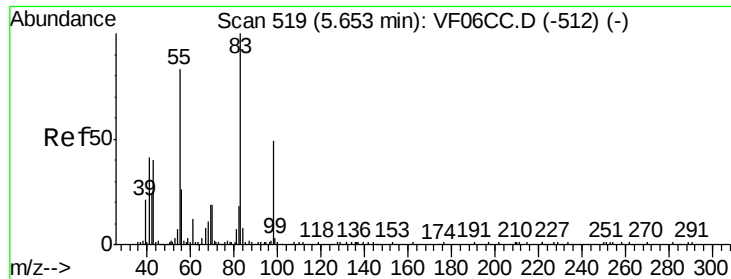
Tot Ion	43	Resp	236167
Ion Ratio	Lower	Upper	
43	100		
61	81.2	59.1	88.7
70	13.7	10.1	15.1



#38
Carbon Tetrachloride
Concen: 41.667 ug/l
RT: 4.21 min Scan# 372
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Tgt Ion	117	Resp	360525
Ion Ratio	Lower	Upper	
117	100		
119	100.1	78.2	117.2
121	31.7	28.2	42.2

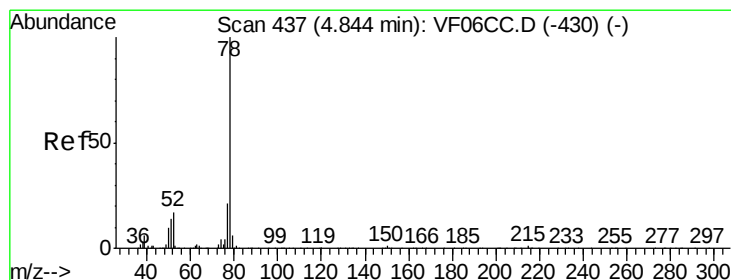
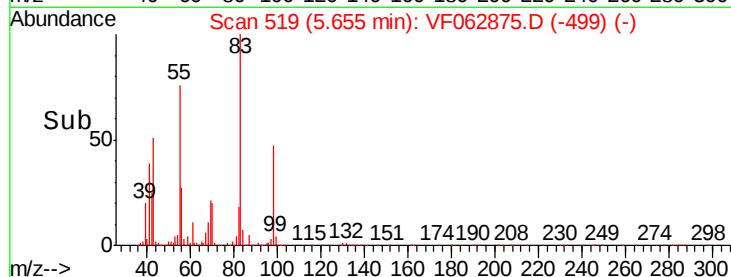
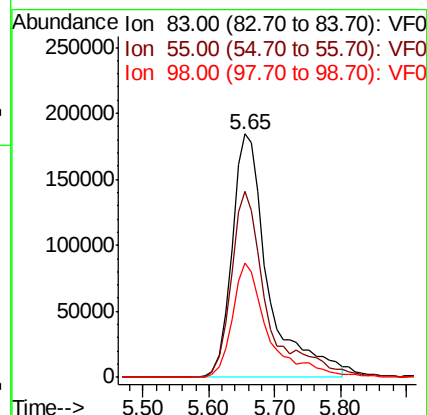
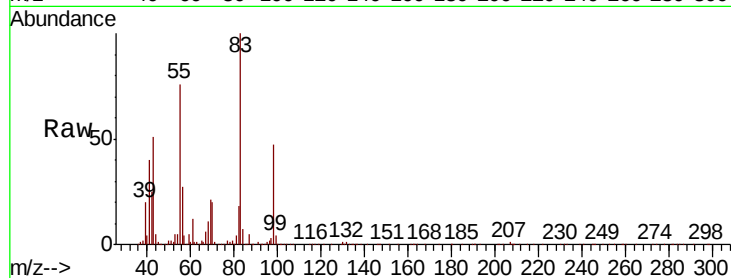




#39
Methvlcvclohexane
Concen: 44.575 ug/l
RT: 5.65 min Scan# 519
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

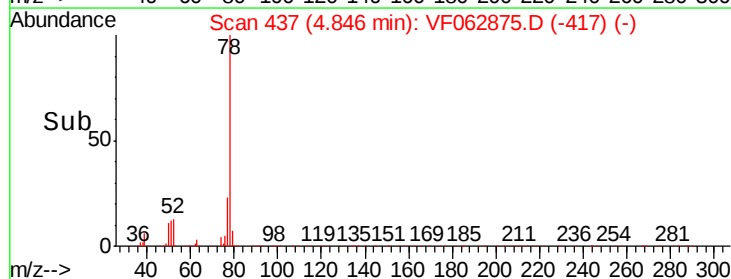
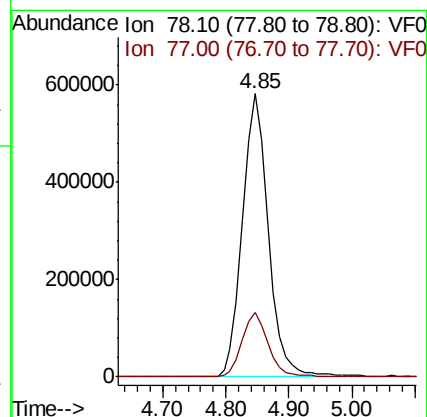
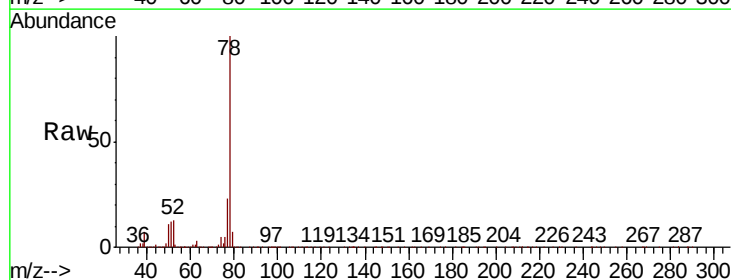
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

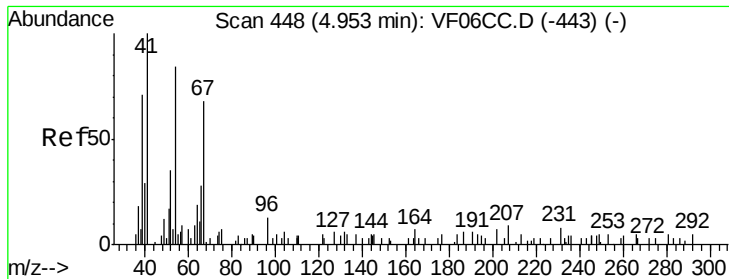
Tot Ion: 83 Resp: 710262
Ion Ratio Lower Upper
83 100
55 76.2 61.6 92.4
98 47.2 37.4 56.2



#40
Benzene
Concen: 44.339 ug/l
RT: 4.85 min Scan# 437
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Tgt Ion: 78 Resp: 1652092
Ion Ratio Lower Upper
78 100
77 22.7 18.9 28.3

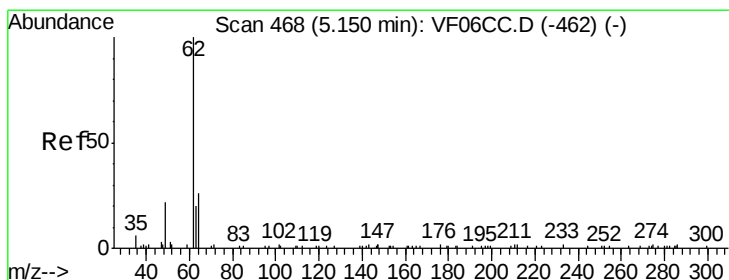
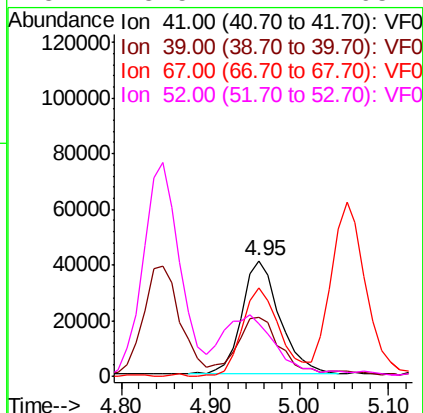
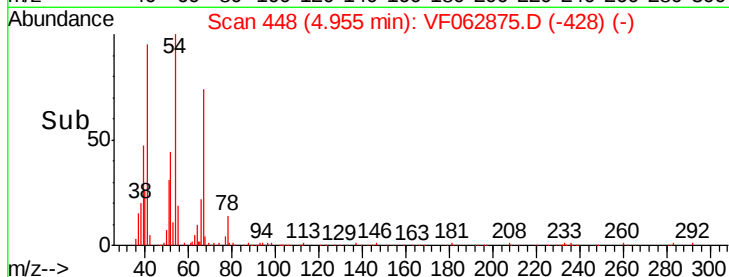
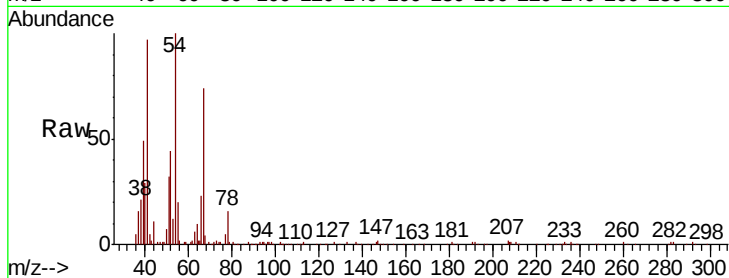




#41
Methacrylonitrile
Concen: 44.320 ug/l
RT: 4.95 min Scan# 448
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

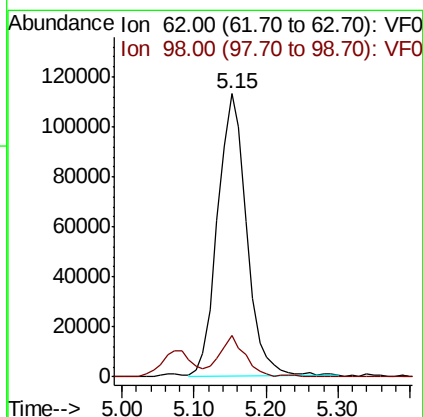
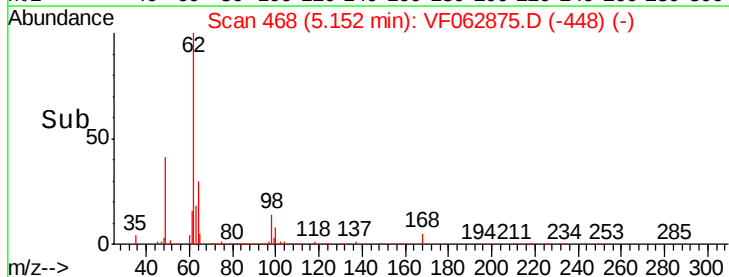
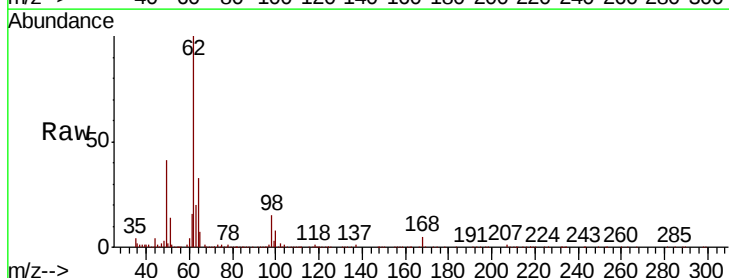
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

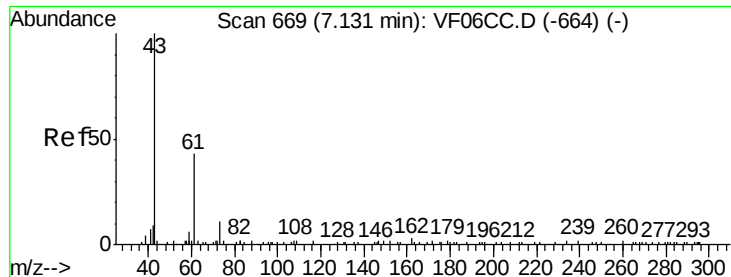
Tot Ion:	41	Resp:	120581
Ion	Ratio	Lower	Upper
41	100		
39	51.0	42.0	63.0
67	76.5	61.4	92.0
52	45.5	42.1	63.1



#42
1,2-Dichloroethane
Concen: 44.391 ug/l
RT: 5.15 min Scan# 468
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Tgt Ion:	62	Resp:	314587
Ion	Ratio	Lower	Upper
62	100		
98	14.7	0.0	24.0



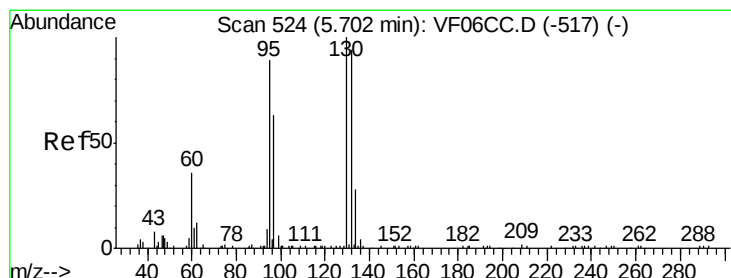
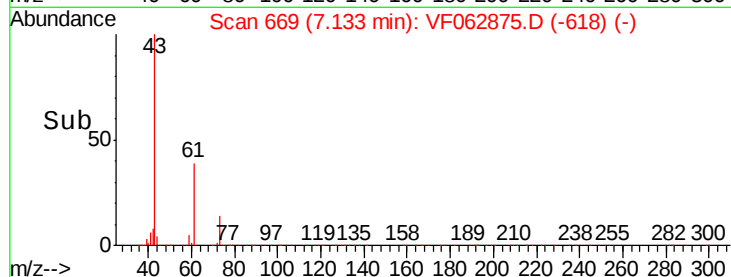
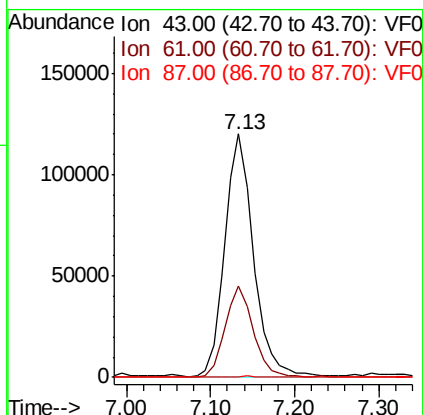
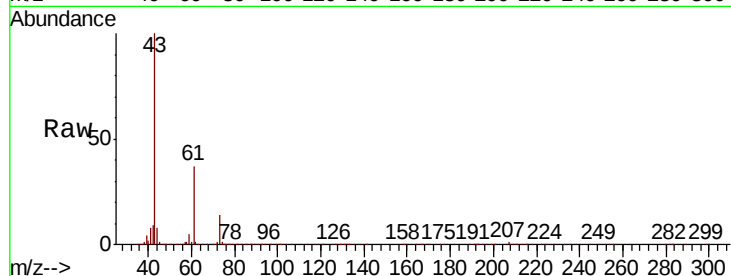


#43

Isopropyl Acetate
 Concen: 43.853 ug/l
 RT: 7.13 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: VF062875.D
 Acq: 6 Jun 2019 10:56

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

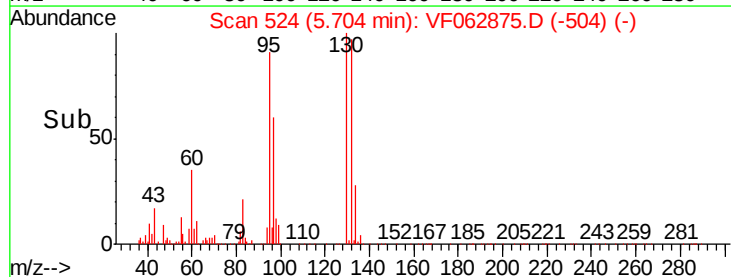
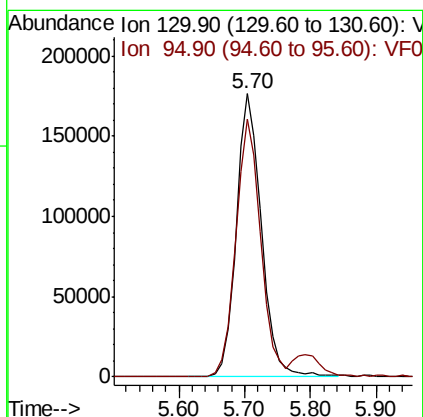
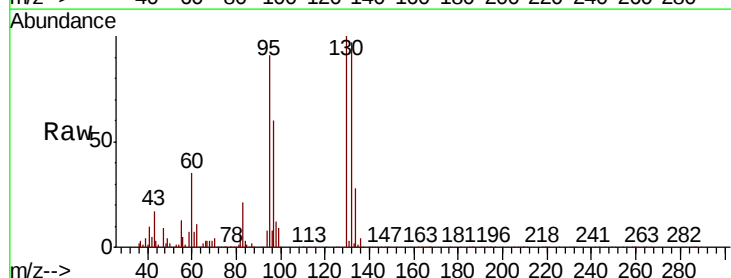
Tot Ion: 43 Resp: 283512
 Ion Ratio Lower Upper
 43 100
 61 37.3 29.8 44.6
 87 0.4 0.3 0.5

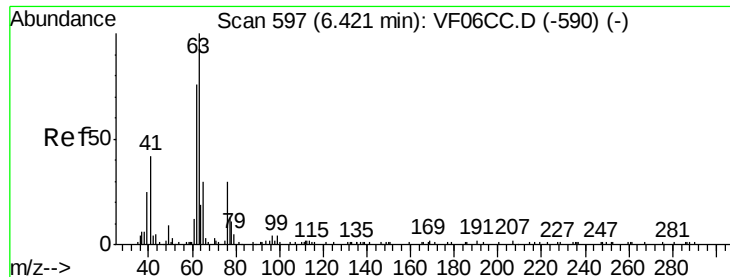


#44

Trichloroethene
 Concen: 44.809 ug/l
 RT: 5.70 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: VF062875.D
 Acq: 6 Jun 2019 10:56

Tgt Ion: 130 Resp: 471205
 Ion Ratio Lower Upper
 130 100
 95 91.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 45.497 ug/l

RT: 6.42 min Scan# 597

Delta R.T. -0.01 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

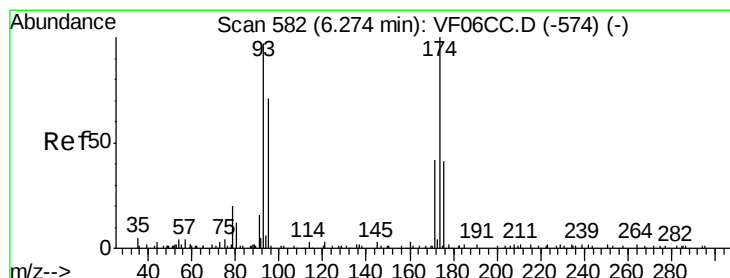
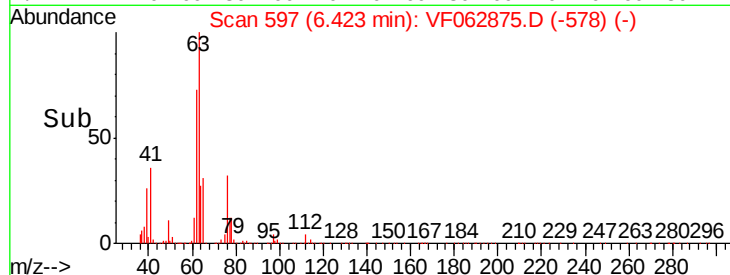
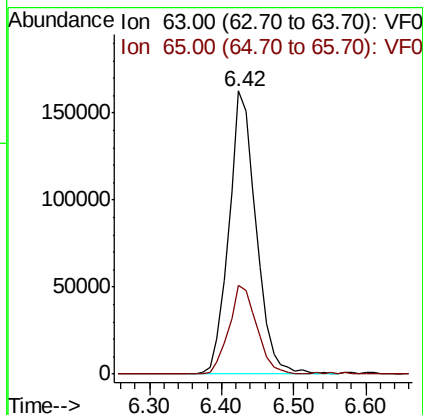
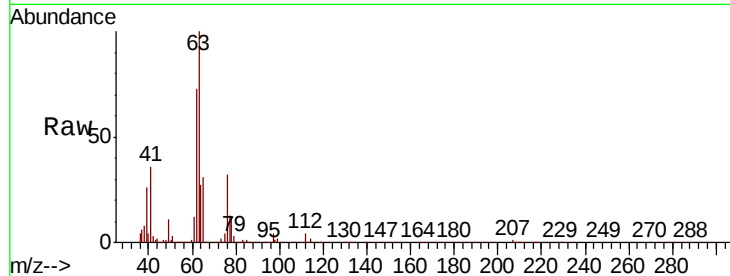
VSTDCCC050

Tot Ion: 63 Resp: 425419

Ion Ratio Lower Upper

63 100

65 31.4 24.2 36.2



#46

Dibromomethane

Concen: 46.281 ug/l

RT: 6.29 min Scan# 583

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

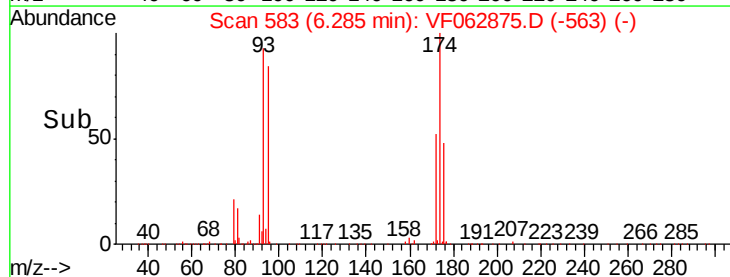
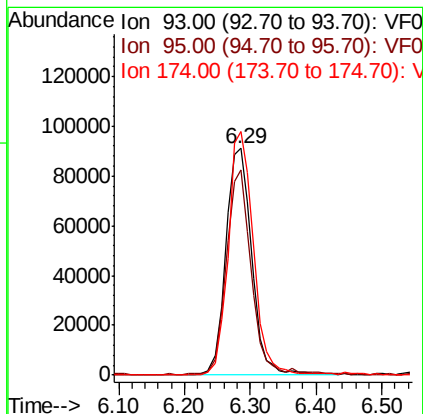
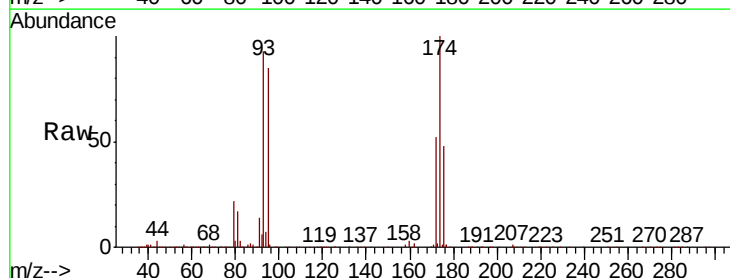
Tgt Ion: 93 Resp: 252654

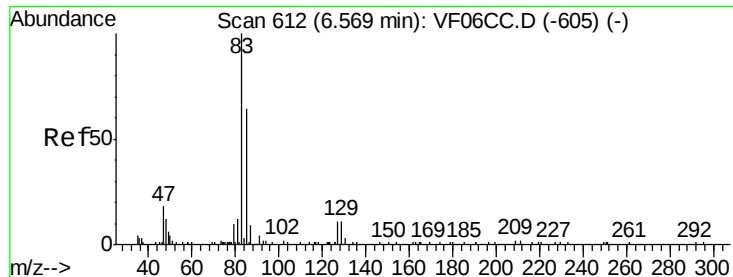
Ion Ratio Lower Upper

93 100

95 90.9 67.9 101.9

174 109.0 85.0 127.4





#47

Bromodichloromethane

Concen: 45.799 ug/l

RT: 6.57 min Scan# 612

Delta R.T. -0.01 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

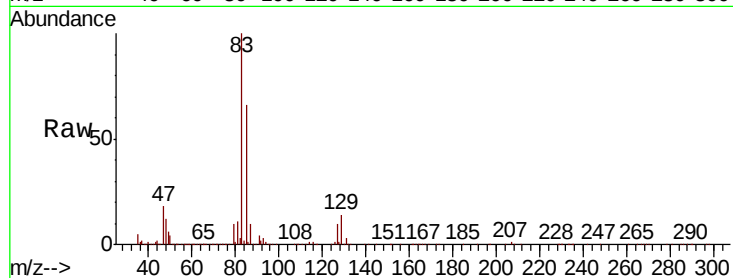
Tot Ion: 83 Resp: 509186

Ion Ratio Lower Upper

83 100

85 66.4 54.2 81.4

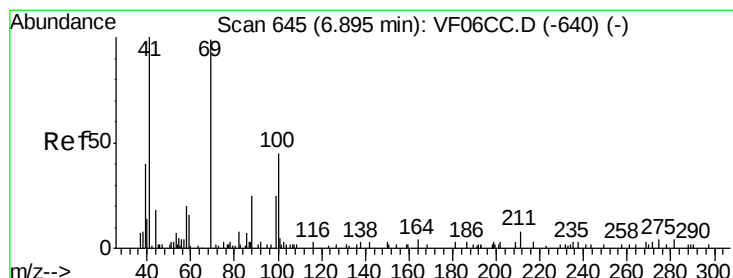
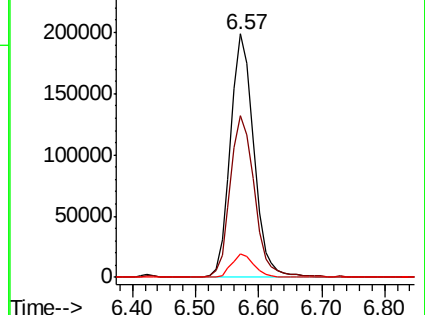
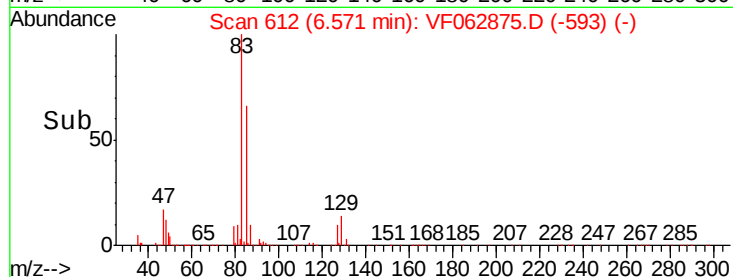
127 10.5 7.0 10.4#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 46.971 ug/l

RT: 6.90 min Scan# 645

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

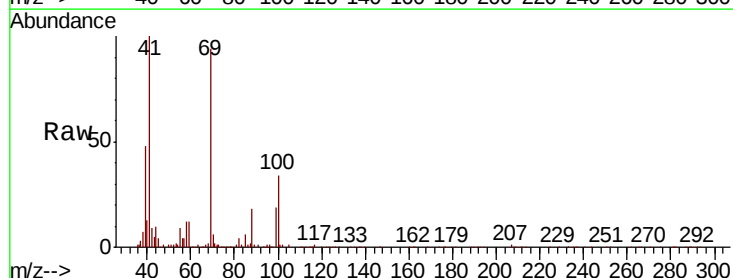
Tgt Ion: 41 Resp: 156500

Ion Ratio Lower Upper

41 100

69 94.1 79.4 119.2

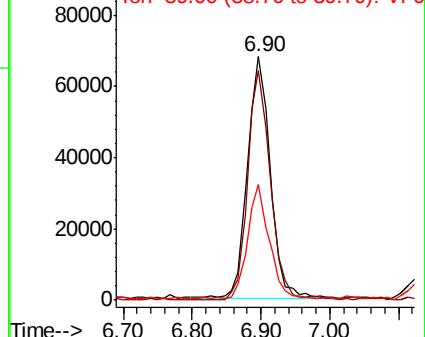
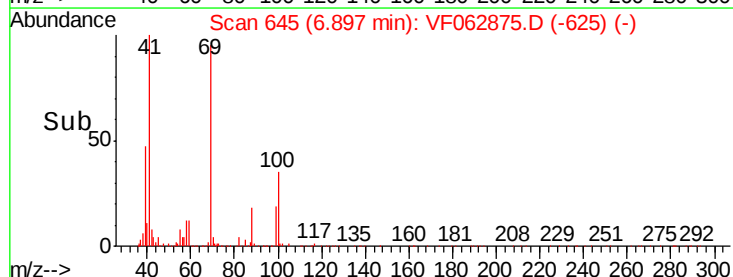
39 47.6 39.8 59.6

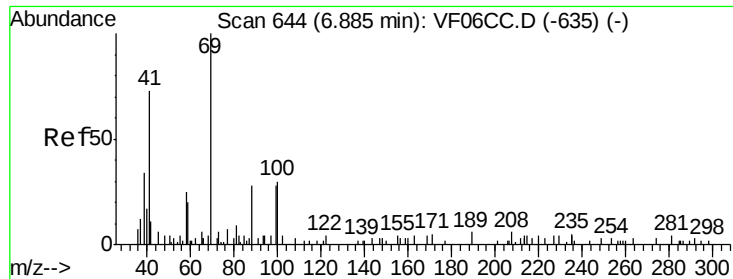


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: 891.009 ug/l

RT: 6.90 min Scan# 645

Delta R.T. 0.01 min

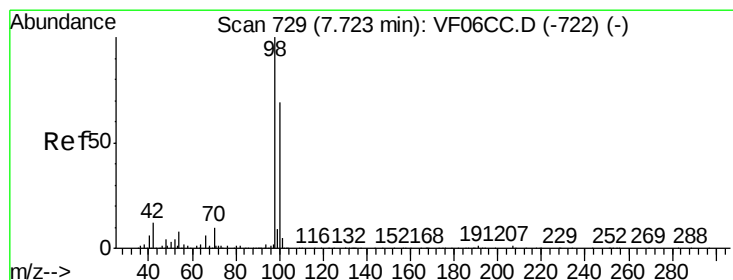
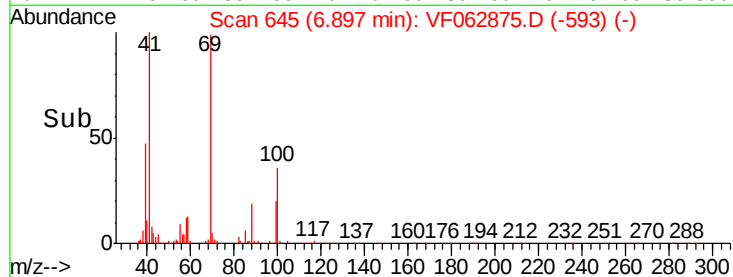
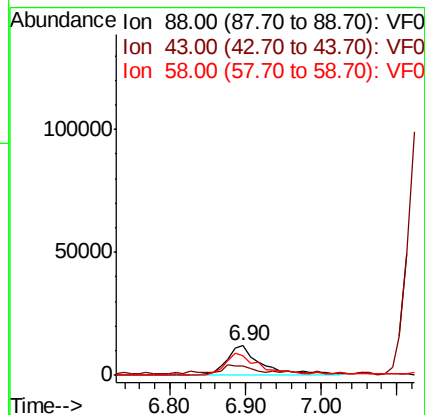
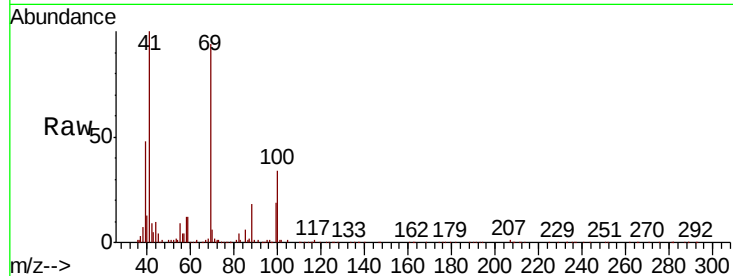
Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 39131

Ion	Ratio	Lower	Upper
88	100		
43	29.9	34.8	52.2#
58	66.6	59.9	89.9



#50

Toluene-d8

Concen: 45.490 ug/l

RT: 7.72 min Scan# 729

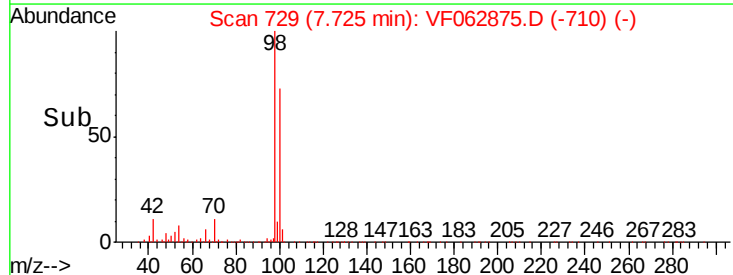
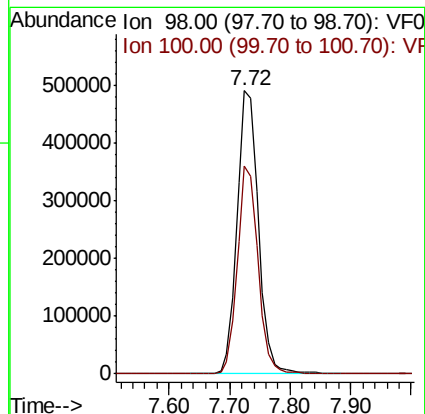
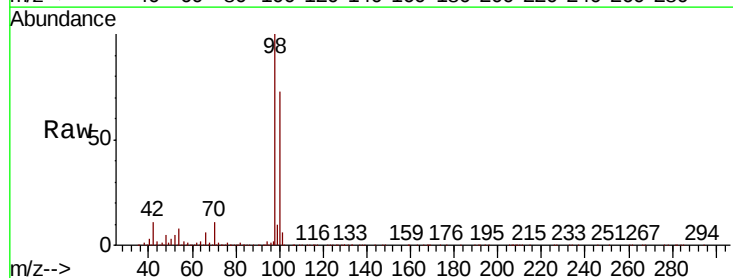
Delta R.T. -0.01 min

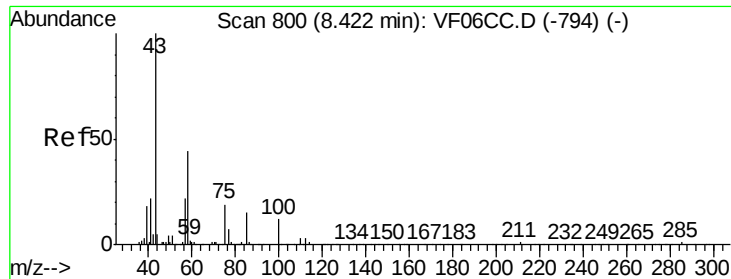
Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Tgt Ion: 98 Resp: 1208877

Ion	Ratio	Lower	Upper
98	100		
100	73.4	59.8	89.8





#51

4-Methyl-2-Pentanone

Concen: 250.791 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.01 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

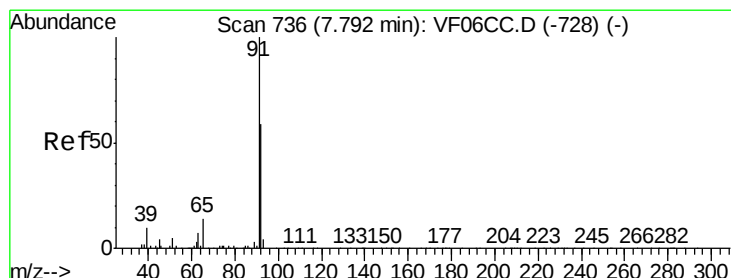
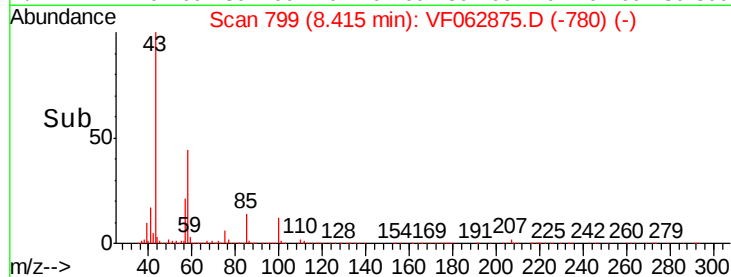
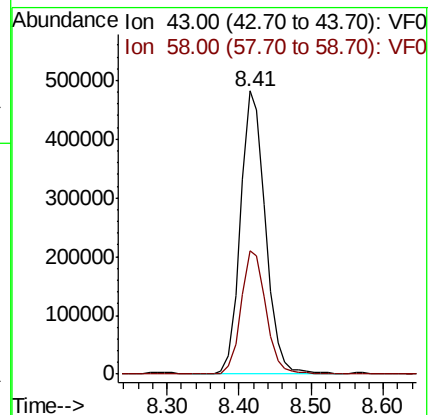
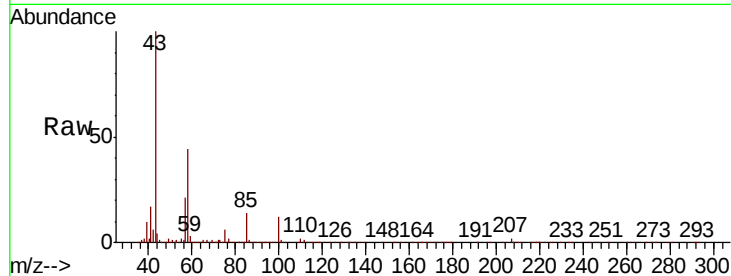
VSTDCCC050

Tot Ion: 43 Resp: 1157564

Ion Ratio Lower Upper

43 100

58 43.7 35.5 53.3



#52

Toluene

Concen: 47.705 ug/l

RT: 7.79 min Scan# 736

Delta R.T. -0.01 min

Lab File: VF062875.D

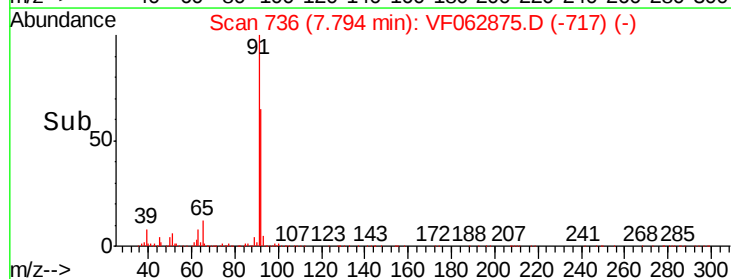
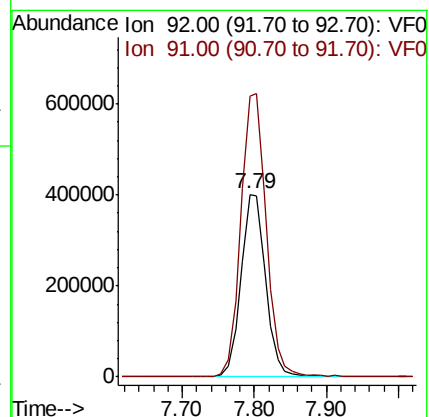
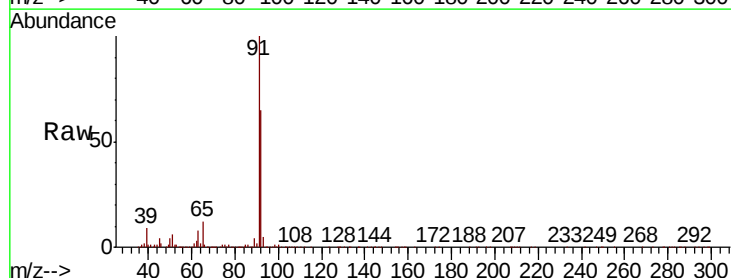
Acq: 6 Jun 2019 10:56

Tgt Ion: 92 Resp: 957383

Ion Ratio Lower Upper

92 100

91 153.6 123.2 184.8





#53

t-1,3-Dichloropropene

Concen: 47.268 ug/l

RT: 8.44 min Scan# 802

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

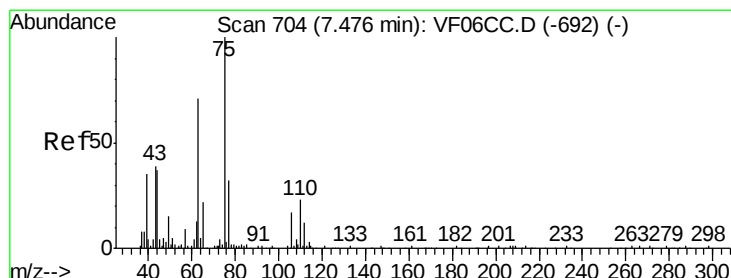
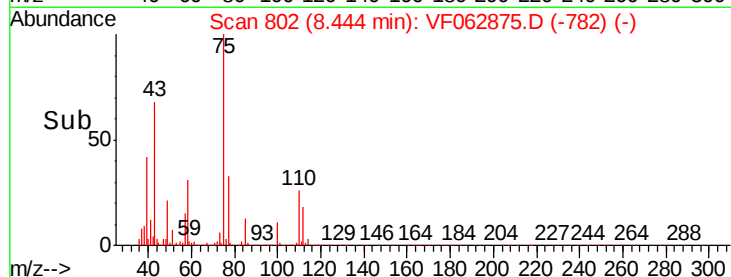
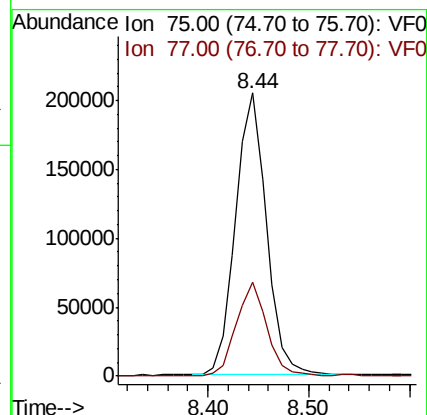
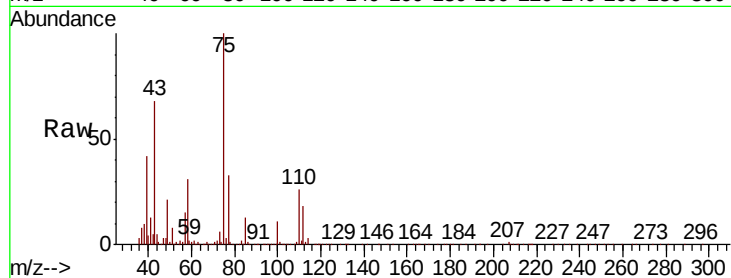
VSTDCCC050

Tot Ion: 75 Resp: 435469

Ion Ratio Lower Upper

75 100

77 33.3 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 44.909 ug/l

RT: 7.48 min Scan# 704

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

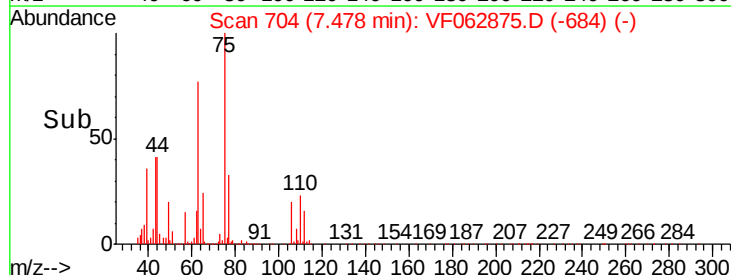
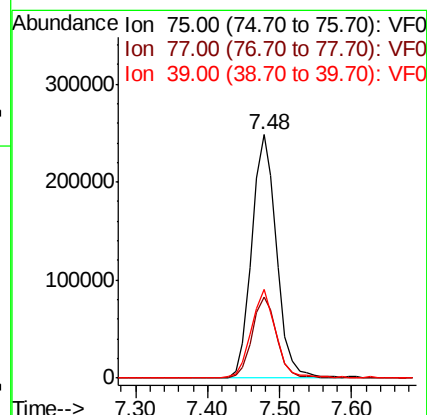
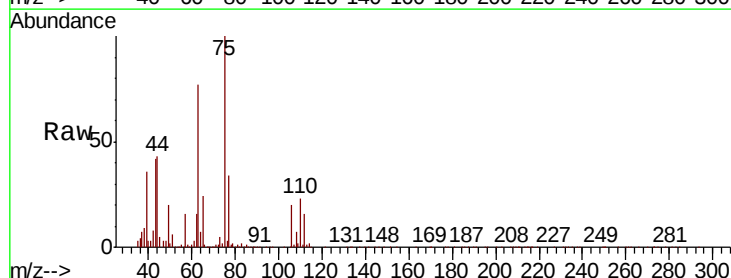
Tgt Ion: 75 Resp: 598890

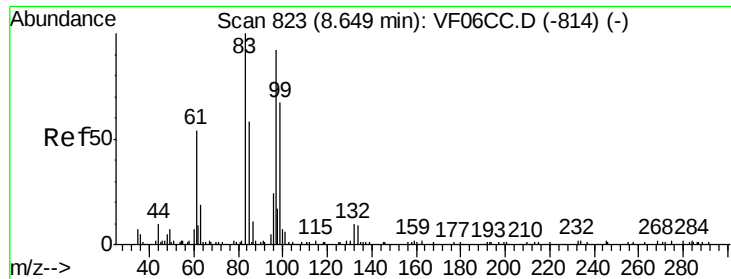
Ion Ratio Lower Upper

75 100

77 33.5 25.8 38.8

39 36.4 28.4 42.6

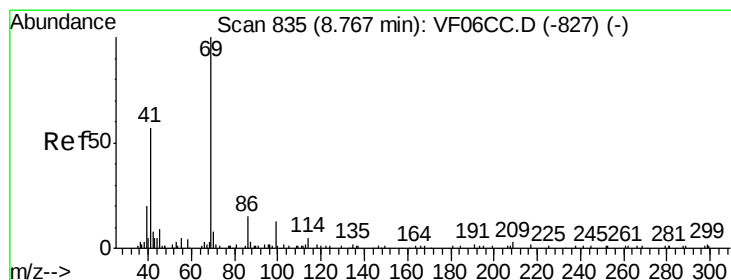
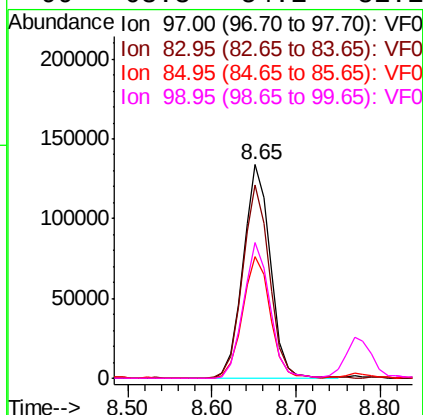
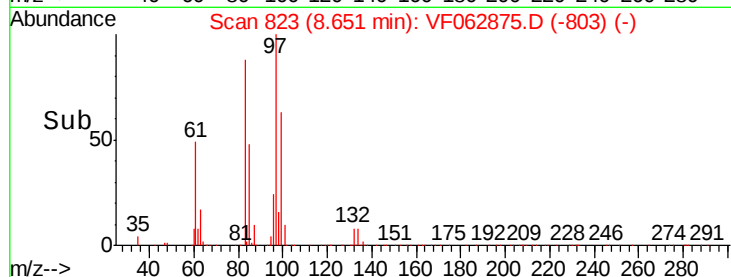
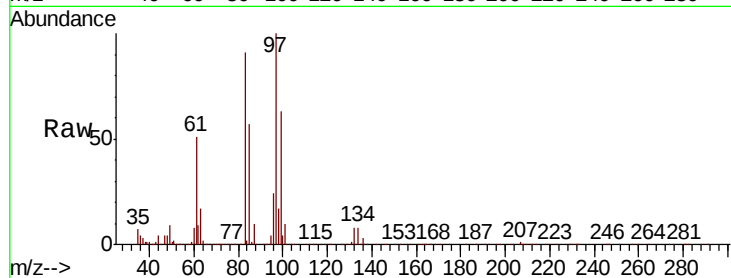




#55
1,1,2-Trichloroethane
Concen: 50.551 ug/l
RT: 8.65 min Scan# 823
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

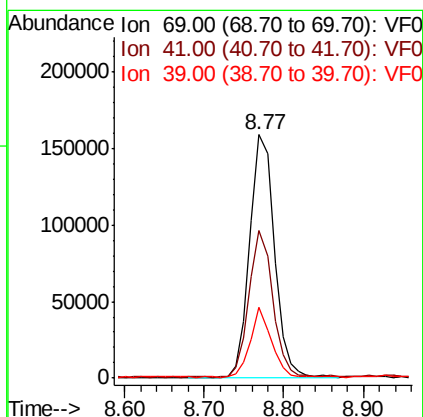
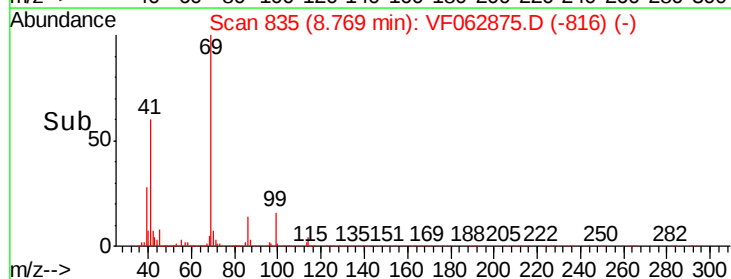
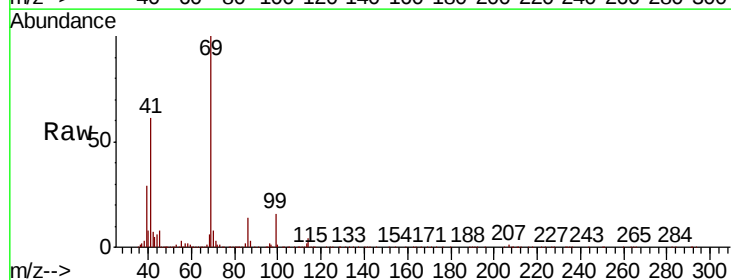
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

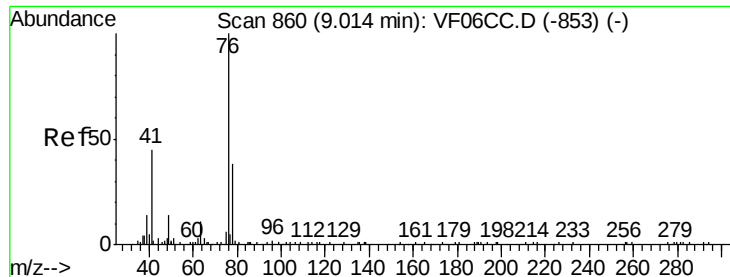
Tot Ion:	97	Resp:	303085
Ion	Ratio	Lower	Upper
97	100		
83	90.6	72.0	108.0
85	56.9	47.5	71.3
99	63.3	54.1	81.1



#56
Ethyl methacrylate
Concen: 53.227 ug/l
RT: 8.77 min Scan# 835
Delta R.T. -0.01 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Tgt Ion:	69	Resp:	342411
Ion	Ratio	Lower	Upper
69	100		
41	60.6	46.6	69.8
39	29.0	19.6	29.4





#57

1,3-Dichloropropane

Concen: 50.433 ug/l

RT: 9.02 min Scan# 860

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

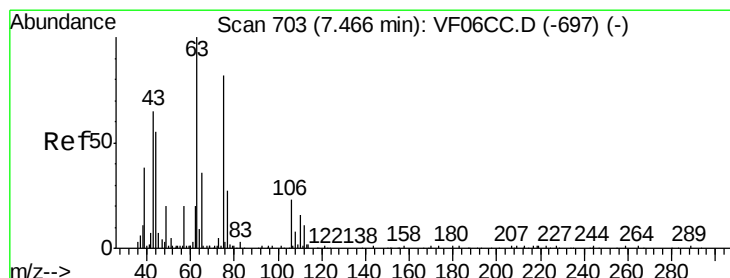
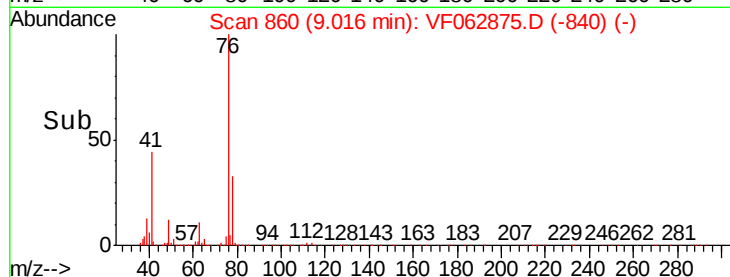
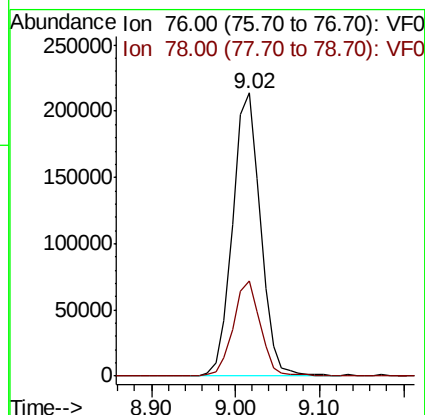
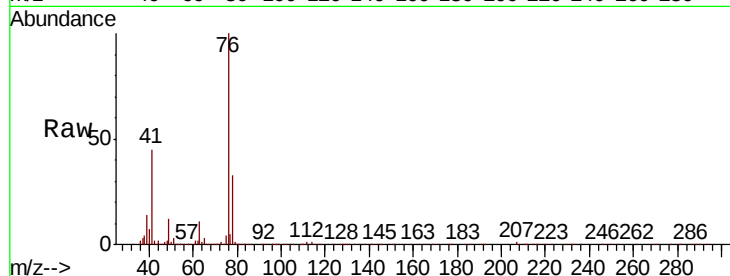
VSTDCCC050

Tot Ion: 76 Resp: 493782

Ion Ratio Lower Upper

76 100

78 33.5 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 254.294 ug/l

RT: 7.47 min Scan# 703

Delta R.T. -0.00 min

Lab File: VF062875.D

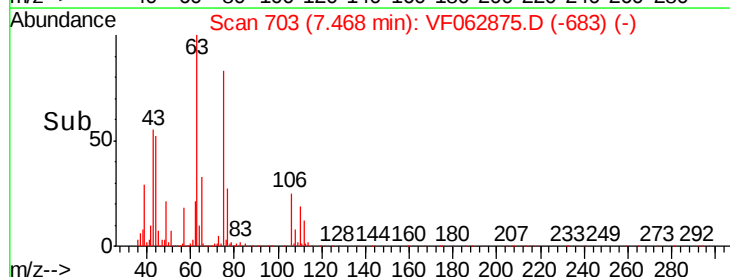
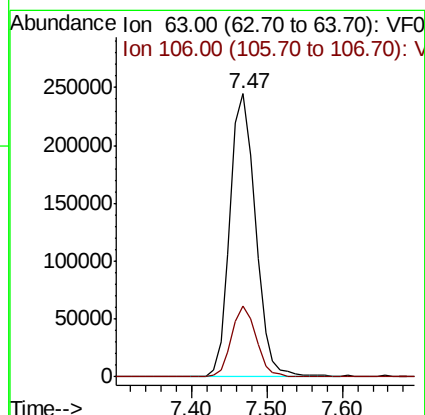
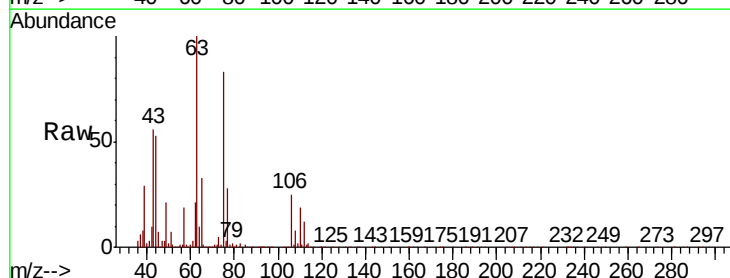
Acq: 6 Jun 2019 10:56

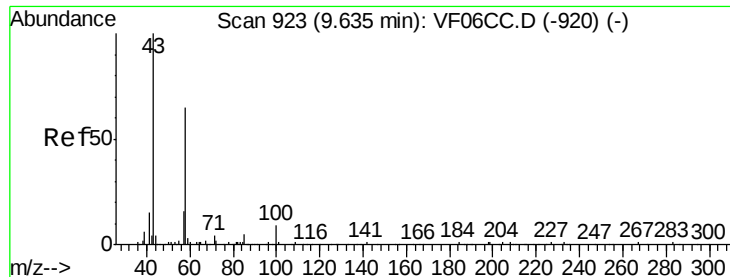
Tgt Ion: 63 Resp: 571726

Ion Ratio Lower Upper

63 100

106 24.9 19.5 29.3

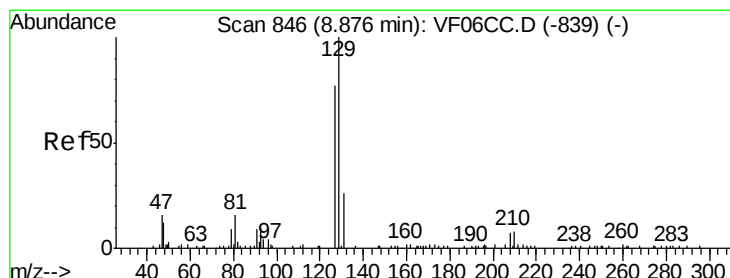
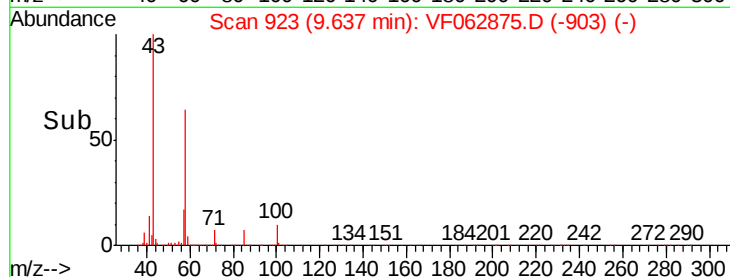
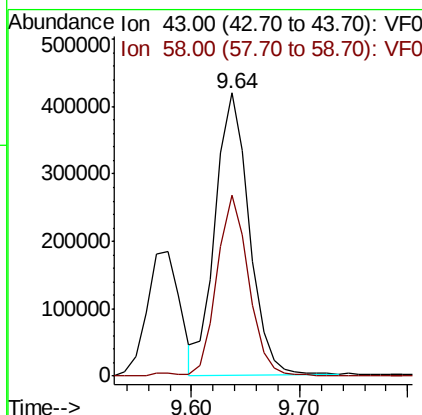
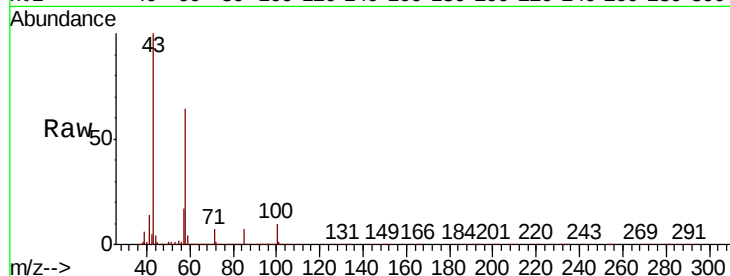




#59
2-Hexanone
Concen: 278.322 ug/l
RT: 9.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

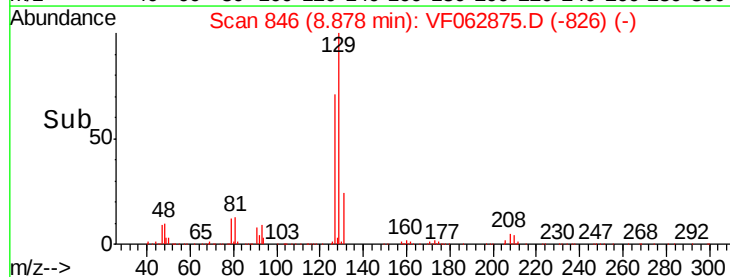
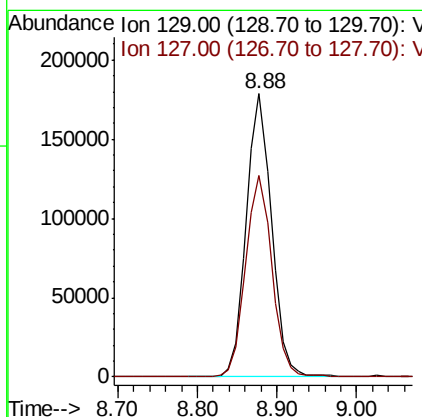
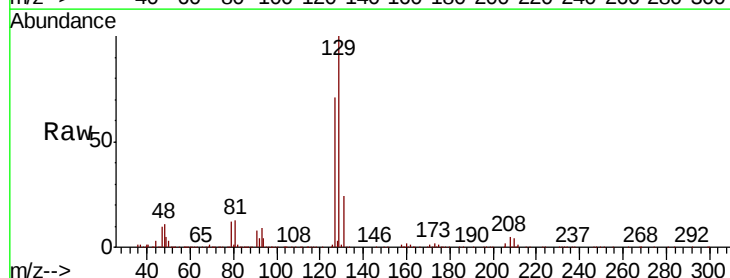
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

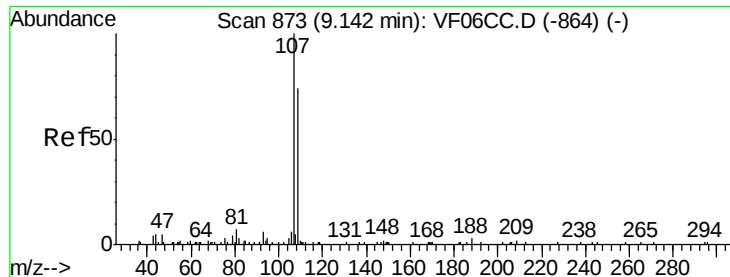
Tot Ion: 43 Resp: 915648
Ion Ratio Lower Upper
43 100
58 63.9 29.3 87.9



#60
Dibromochloromethane
Concen: 52.551 ug/l
RT: 8.88 min Scan# 846
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Tgt Ion: 129 Resp: 390082
Ion Ratio Lower Upper
129 100
127 71.1 37.1 111.3





#61

1,2-Dibromoethane

Concen: 51.684 ug/l

RT: 9.14 min Scan# 873

Delta R.T. -0.01 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

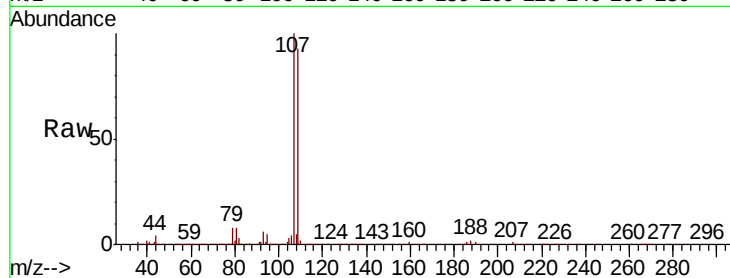
VSTDCCC050

Tot Ion:107 Resp: 321822

Ion Ratio Lower Upper

107 100

109 93.1 78.1 117.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

150000

100000

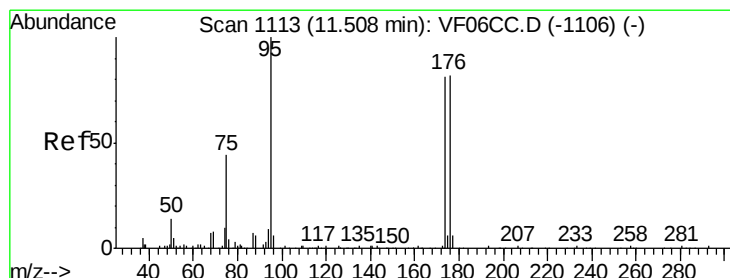
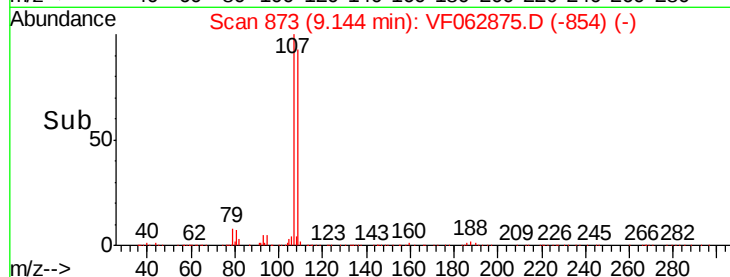
50000

0

9.14

8.90 9.00 9.10 9.20 9.30

Time-->



#62

4-Bromofluorobenzene

Concen: 50.084 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

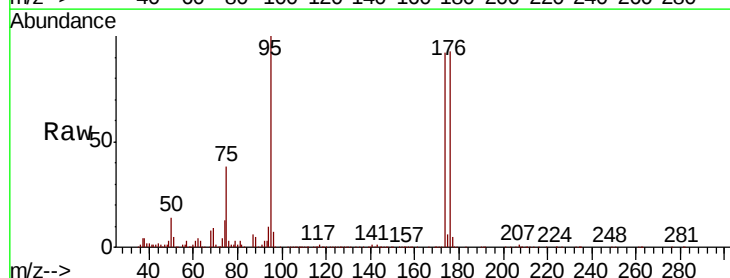
Tgt Ion: 95 Resp: 478761

Ion Ratio Lower Upper

95 100

174 91.8 0.0 170.6

176 92.6 0.0 170.6



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

300000

200000

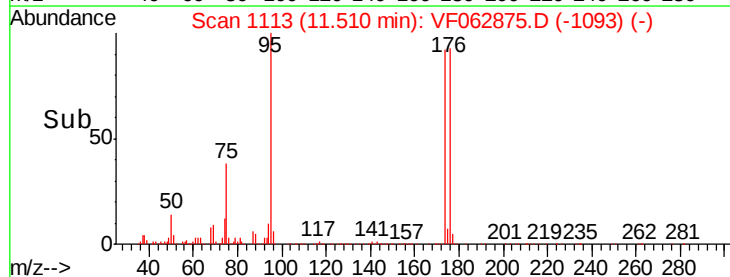
100000

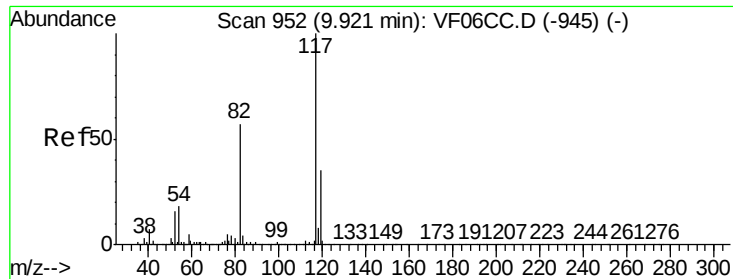
0

11.51

11.40 11.50 11.60

Time-->

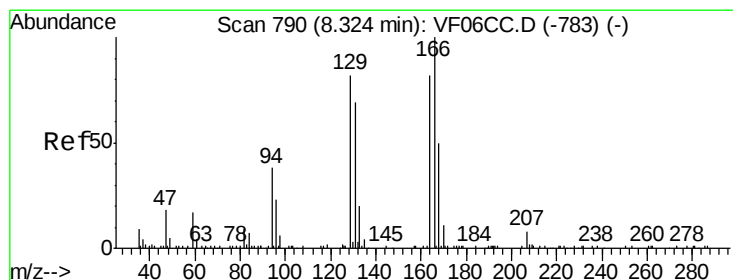
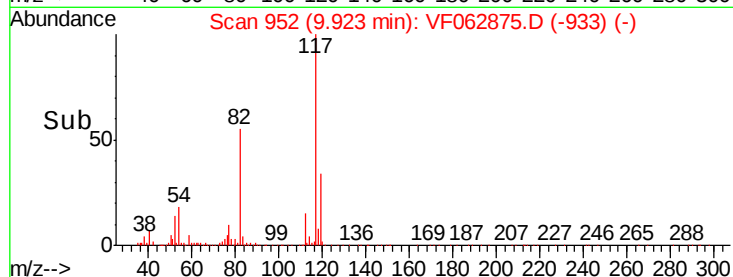
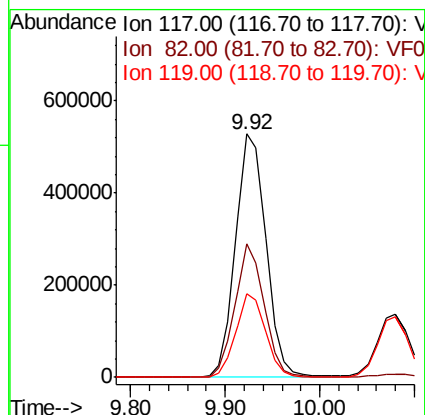
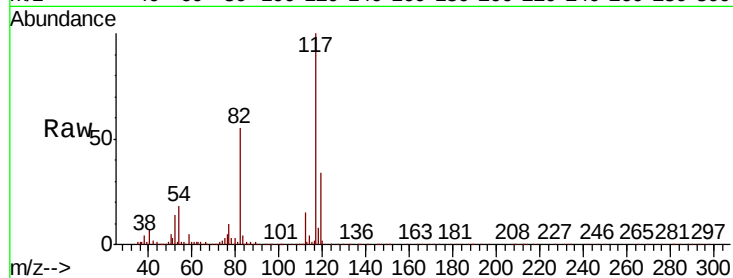




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

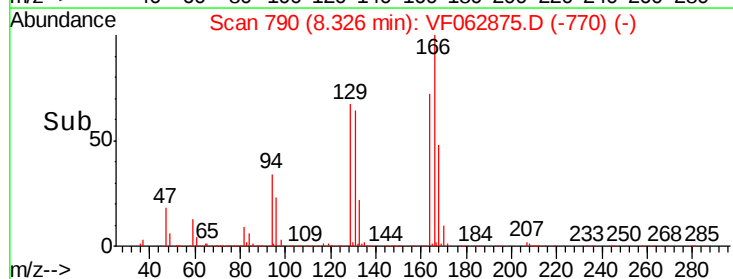
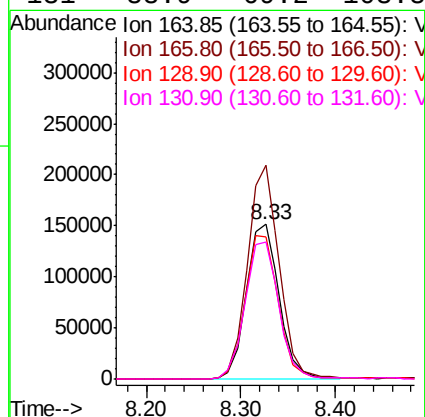
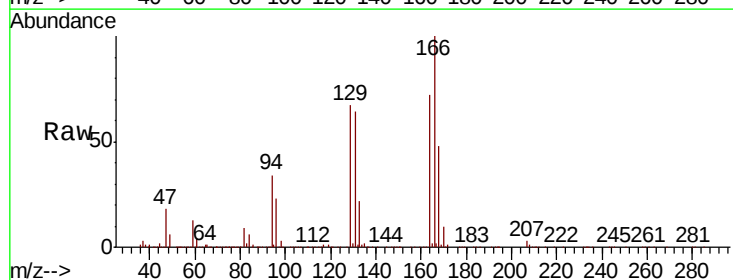
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

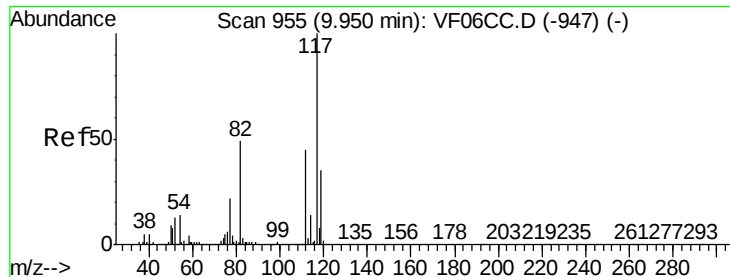
Tot Ion:117 Resp: 1186667
Ion Ratio Lower Upper
117 100
82 55.1 42.4 63.6
119 34.4 27.1 40.7



#64
Tetrachloroethene
Concen: 40.015 ug/l
RT: 8.33 min Scan# 790
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Tgt Ion:164 Resp: 364892
Ion Ratio Lower Upper
164 100
166 138.1 99.1 148.7
129 92.3 69.5 104.3
131 88.9 69.2 103.8

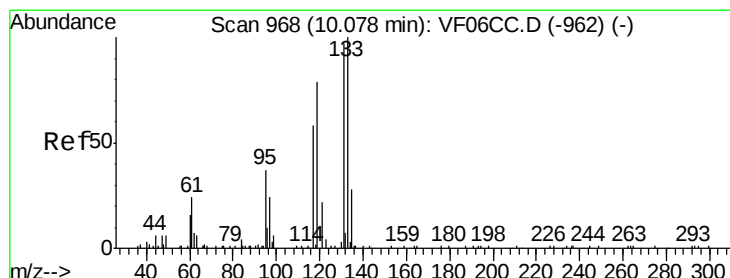
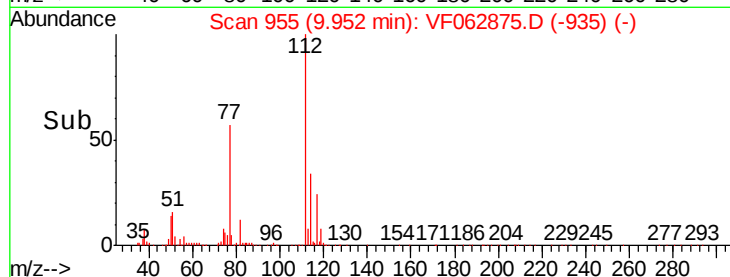
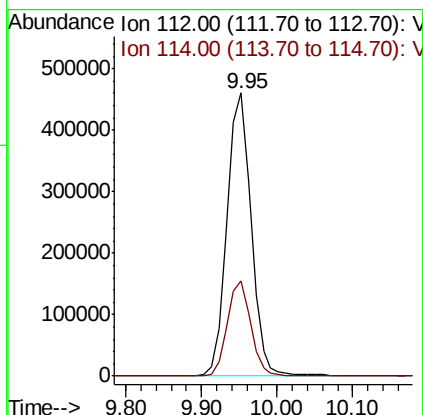
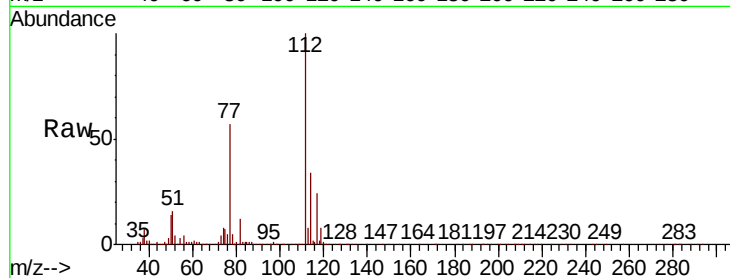




#65
Chlorobenzene
Concen: 44.357 ug/l
RT: 9.95 min Scan# 955
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

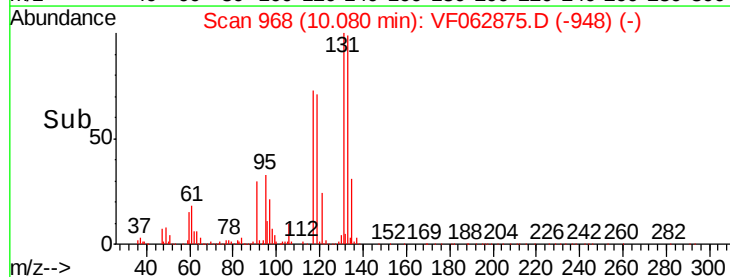
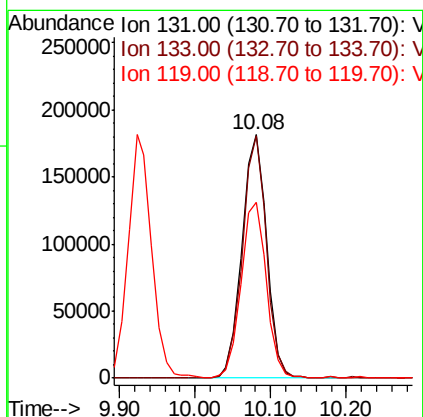
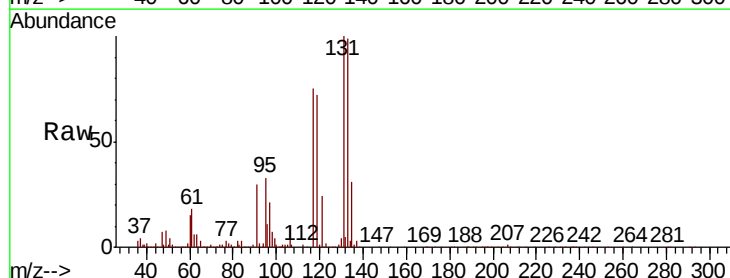
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

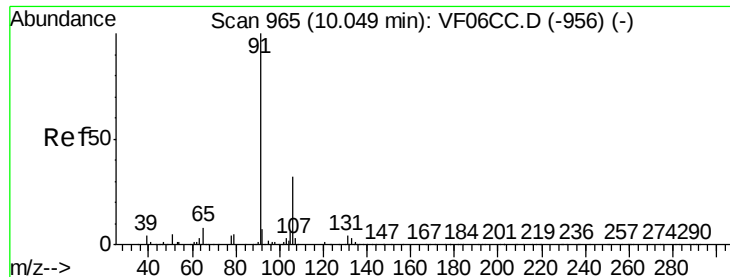
Tot Ion:112 Resp: 1016507
Ion Ratio Lower Upper
112 100
114 33.8 27.4 41.0



#66
1,1,1,2-Tetrachloroethane
Concen: 45.137 ug/l
RT: 10.08 min Scan# 968
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Tgt Ion:131 Resp: 411948
Ion Ratio Lower Upper
131 100
133 99.4 48.9 146.7
119 72.1 38.0 114.0





#67

Ethyl Benzene

Concen: 43.840 ug/l

RT: 10.04 min Scan# 964

Delta R.T. -0.01 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

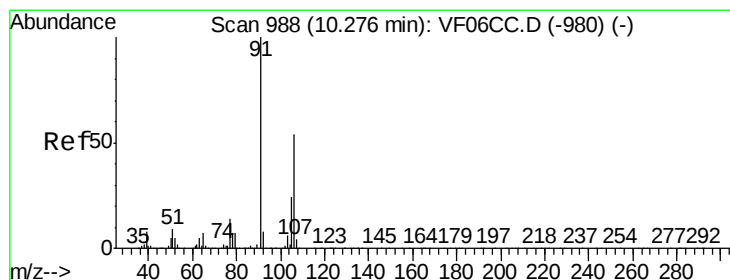
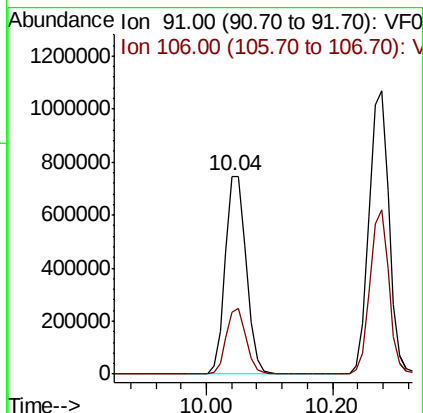
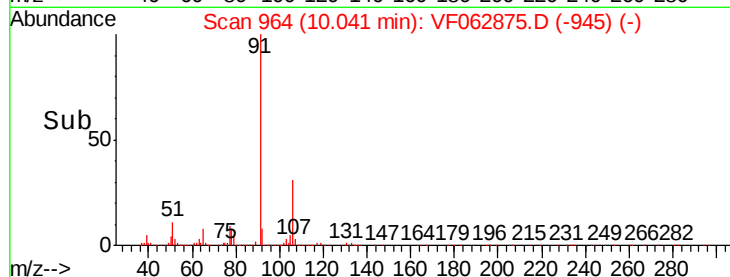
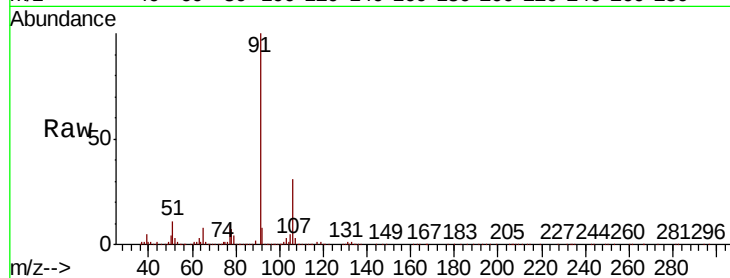
VSTDCCC050

Tot Ion: 91 Resp: 1724037

Ion Ratio Lower Upper

91 100

106 31.1 26.0 39.0



#68

m/p-Xylenes

Concen: 86.111 ug/l

RT: 10.28 min Scan# 988

Delta R.T. -0.00 min

Lab File: VF062875.D

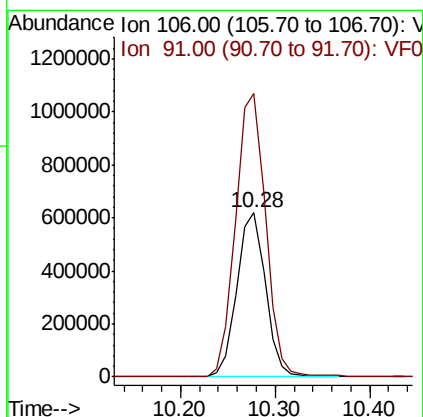
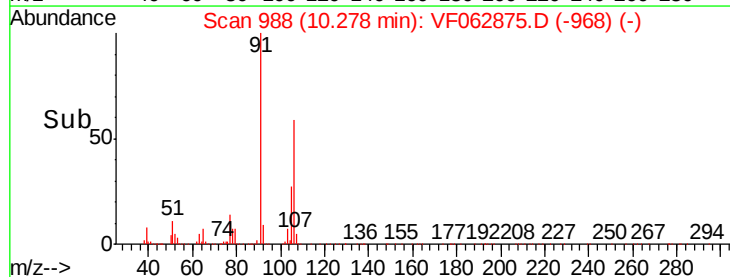
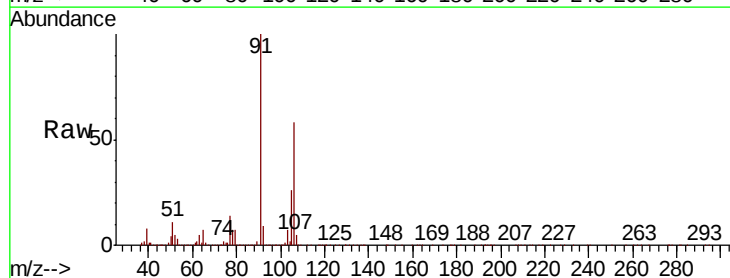
Acq: 6 Jun 2019 10:56

Tgt Ion: 106 Resp: 1295832

Ion Ratio Lower Upper

106 100

91 172.8 136.2 204.4

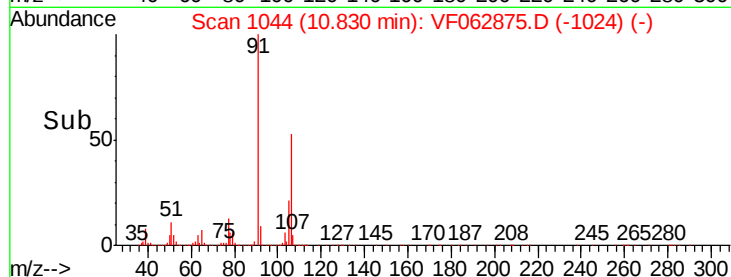
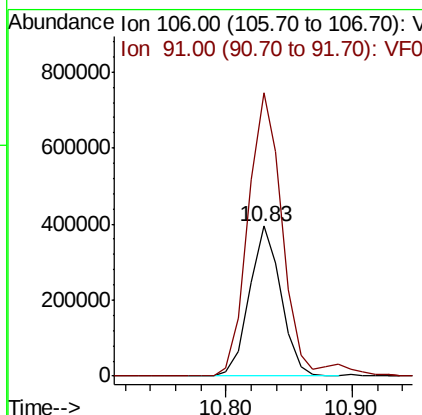
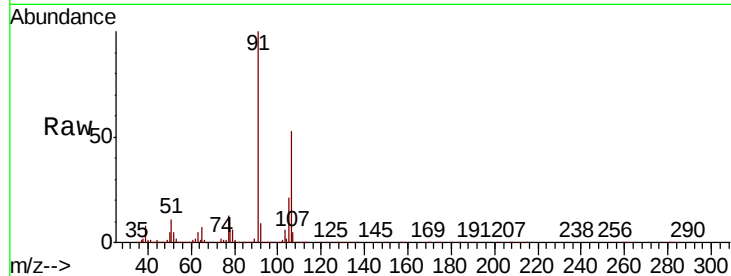




#69
o-Xylene
Concen: 45.283 ug/l
RT: 10.83 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

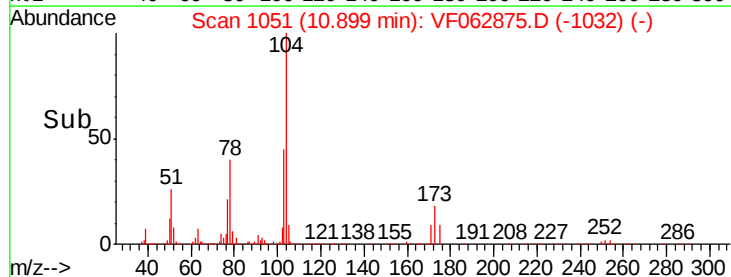
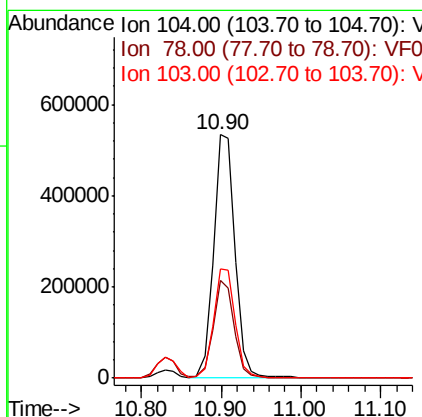
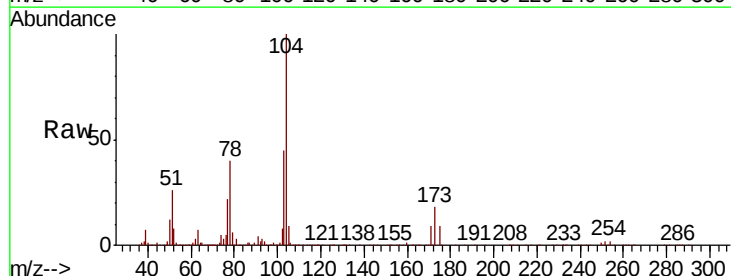
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

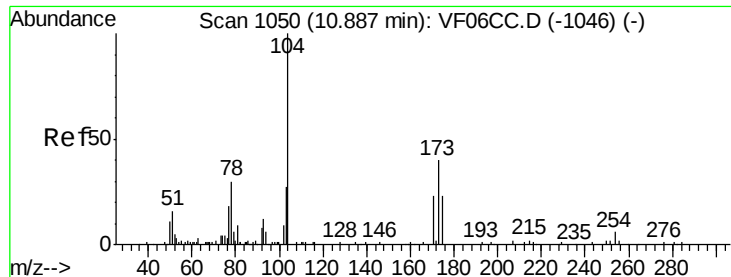
Tot Ion:106 Resp: 689938
Ion Ratio Lower Upper
106 100
91 188.8 96.6 289.8



#70
Styrene
Concen: 45.026 ug/l
RT: 10.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Tgt Ion:104 Resp: 1011150
Ion Ratio Lower Upper
104 100
78 40.1 30.8 46.2
103 44.7 35.8 53.6





#71

Bromoform

Concen: 48.386 ug/l

RT: 10.89 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

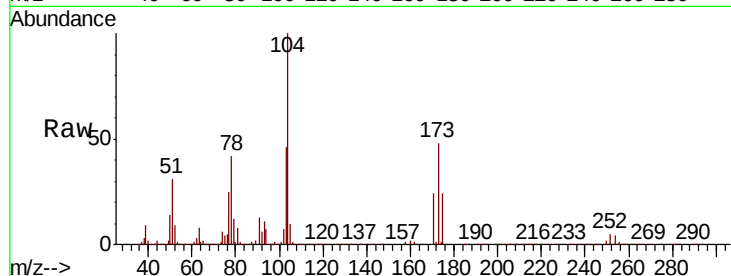
Tot Ion:173 Resp: 211846

Ion Ratio Lower Upper

173 100

175 49.8 24.6 74.0

254 0.0 0.1 0.1#

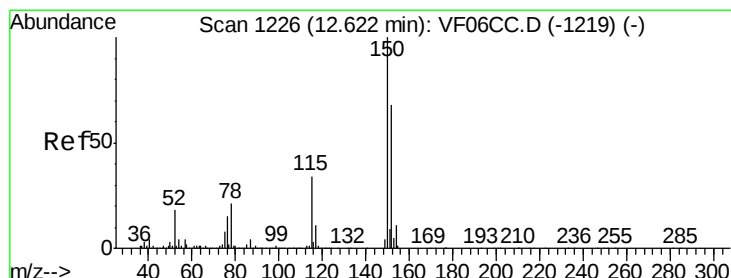
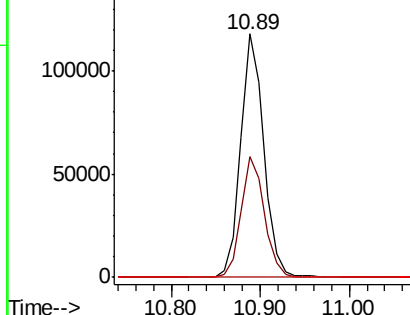
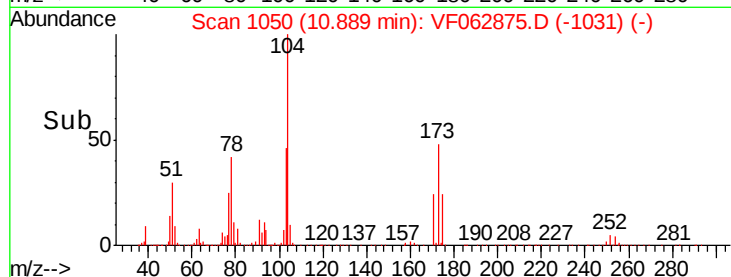


Abundance

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: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

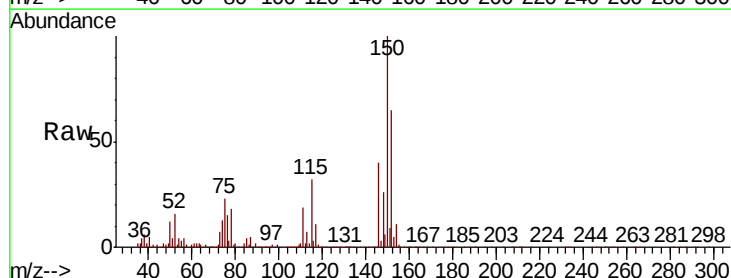
Tgt Ion:152 Resp: 549923

Ion Ratio Lower Upper

152 100

115 50.2 24.6 74.0

150 155.0 0.0 290.6

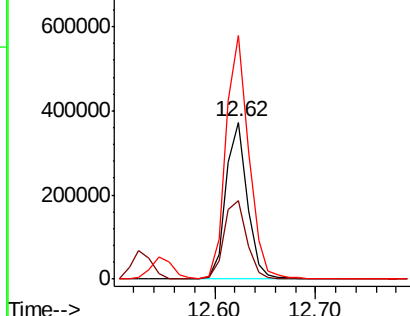
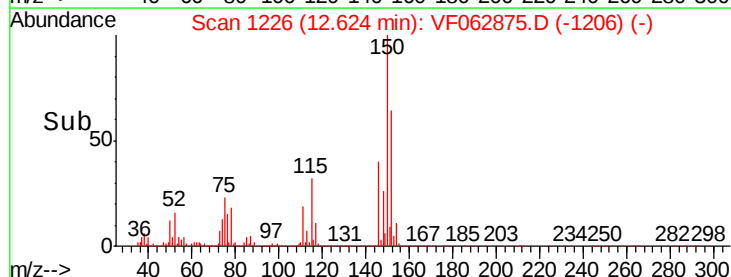


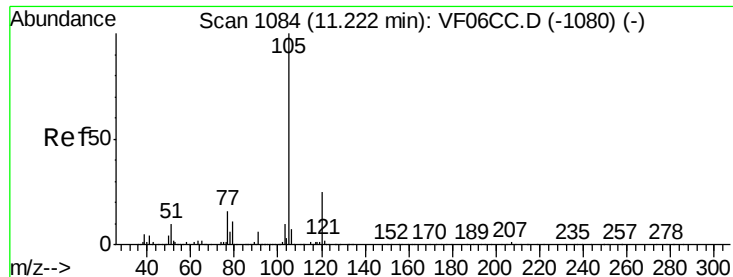
Abundance

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: 46.307 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

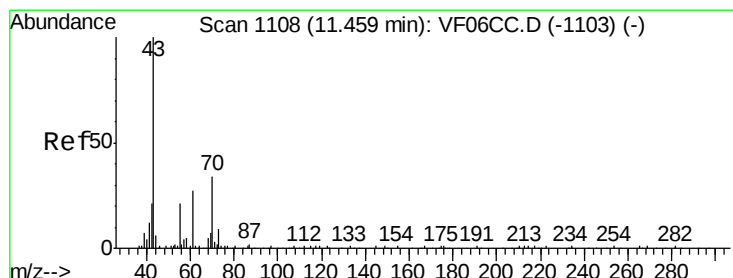
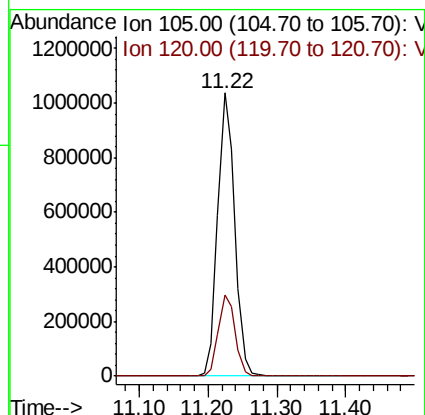
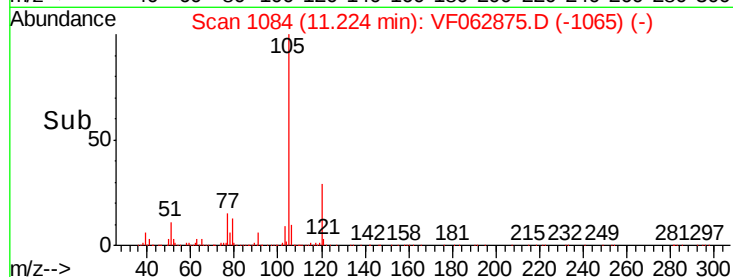
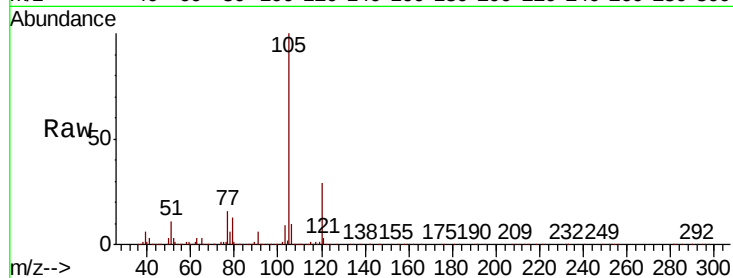
VSTDCCC050

Tot Ion:105 Resp: 1776838

Ion Ratio Lower Upper

105 100

120 28.8 15.1 45.3



#74

N-ethyl acetate

Concen: 47.889 ug/l

RT: 11.46 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Tgt Ion: 43 Resp: 517901

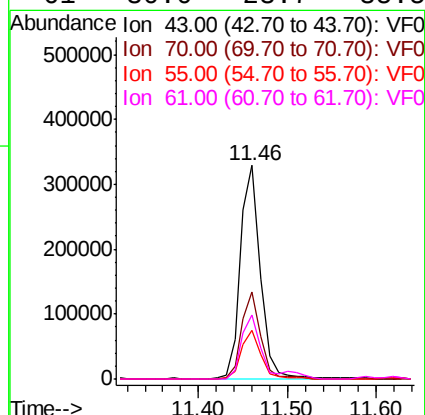
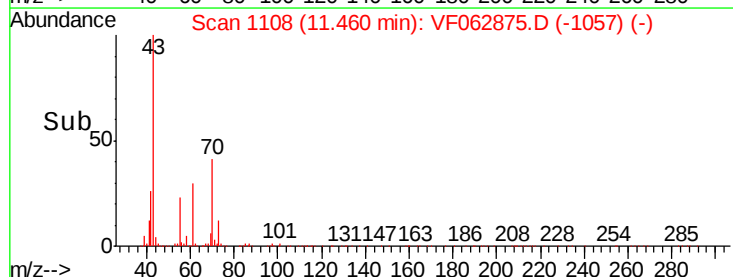
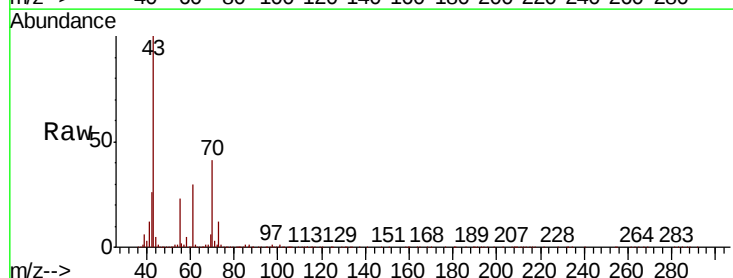
Ion Ratio Lower Upper

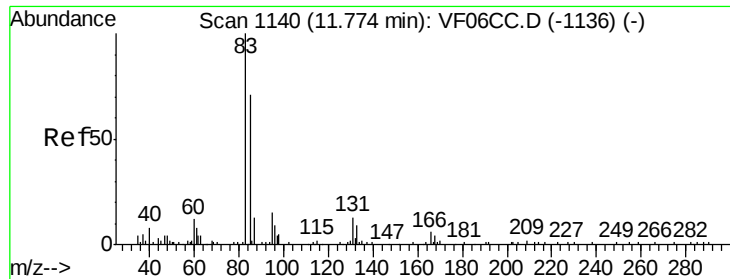
43 100

70 40.6 32.9 49.3

55 23.1 17.3 25.9

61 30.0 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.934 ug/l

RT: 11.78 min Scan# 1140

Delta R.T. -0.01 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

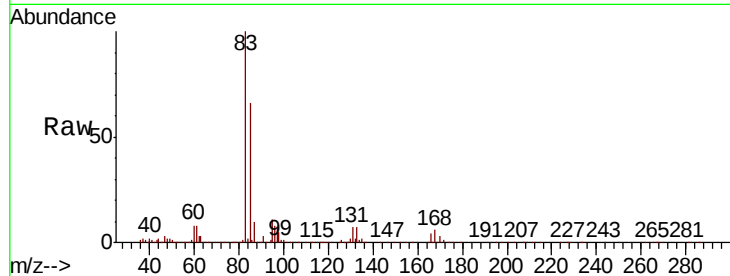
Tot Ion: 83 Resp: 400981

Ion Ratio Lower Upper

83 100

131 7.4 4.9 14.7

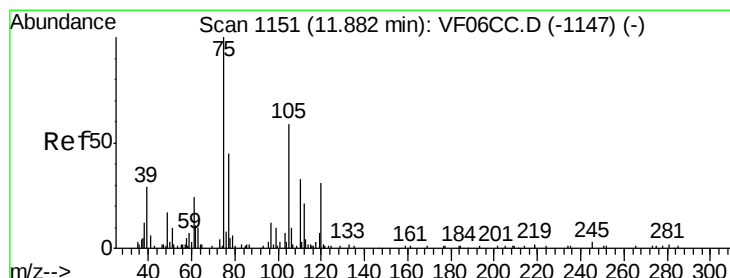
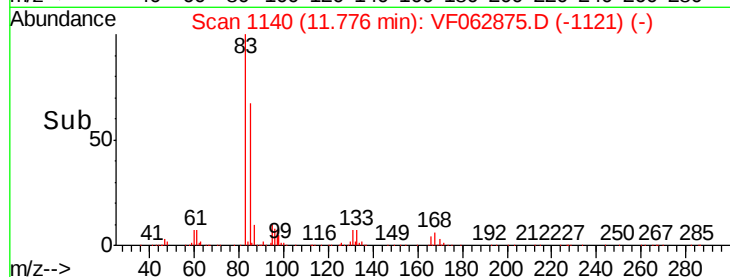
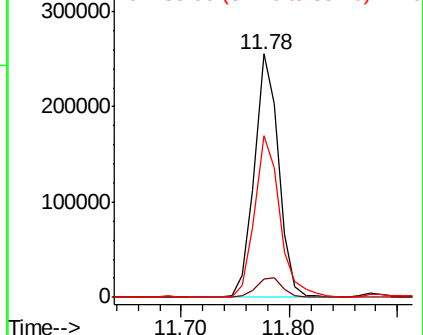
85 66.4 32.1 96.5



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 46.758 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. -0.01 min

Lab File: VF062875.D

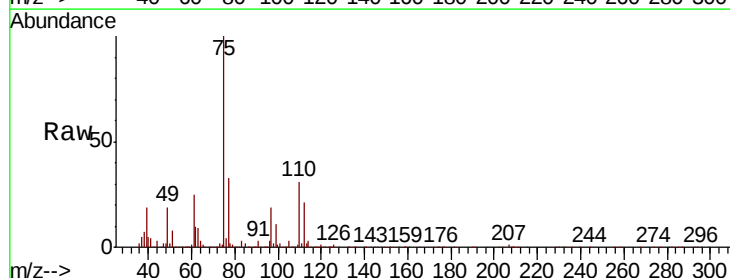
Acq: 6 Jun 2019 10:56

Tgt Ion: 75 Resp: 253973

Ion Ratio Lower Upper

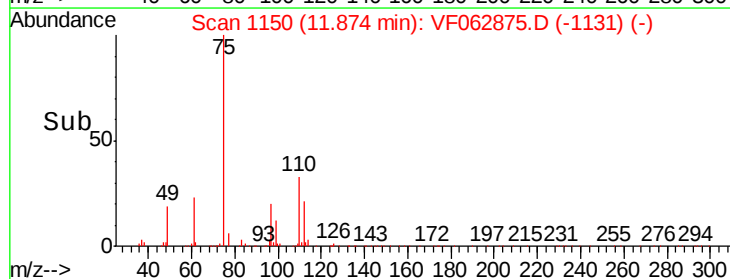
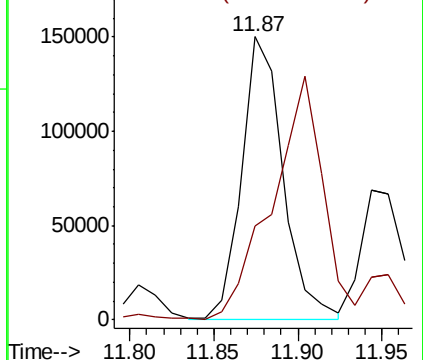
75 100

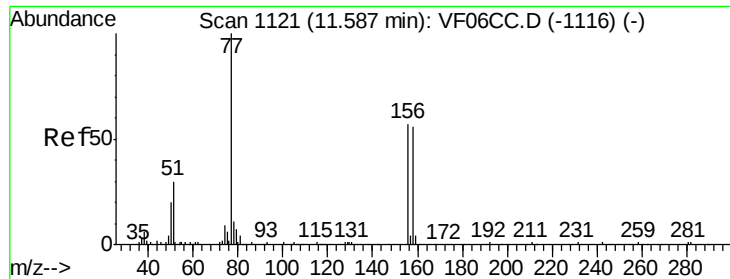
77 33.1 20.1 60.2



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 45.612 ug/l

RT: 11.59 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

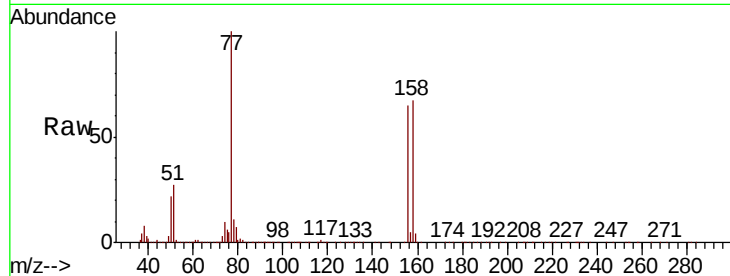
Tot Ion:156 Resp: 439753

Ion Ratio Lower Upper

156 100

77 152.9 64.2 192.6

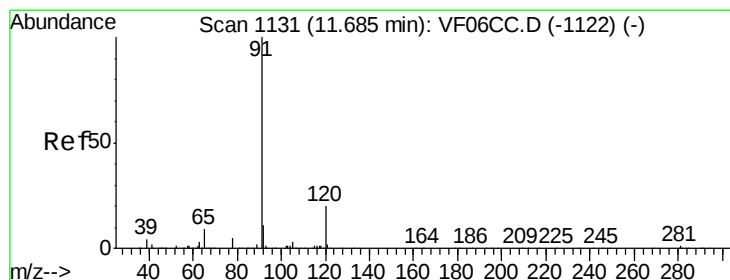
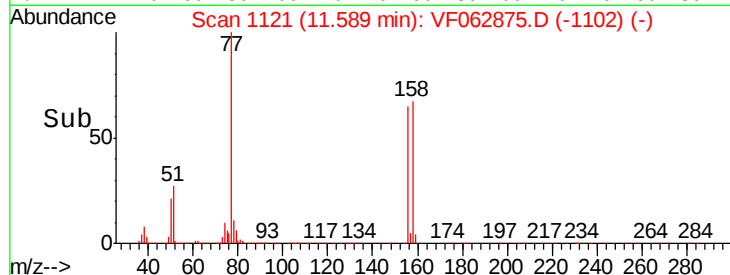
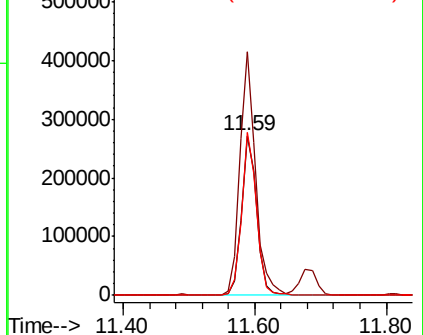
158 102.1 50.3 151.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 43.811 ug/l

RT: 11.68 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VF062875.D

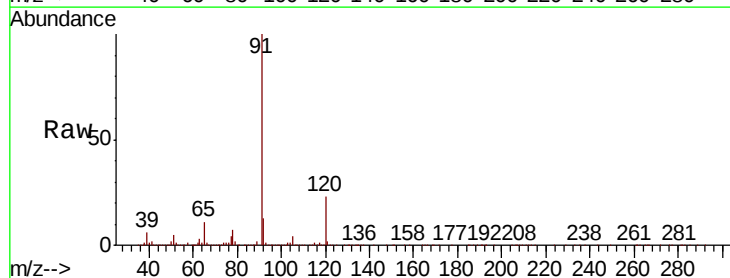
Acq: 6 Jun 2019 10:56

Tgt Ion: 91 Resp: 2029811

Ion Ratio Lower Upper

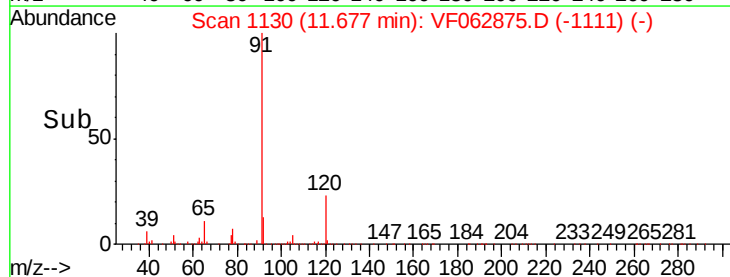
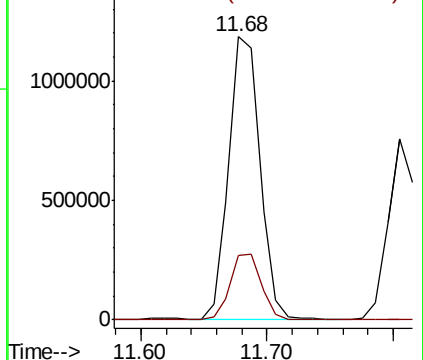
91 100

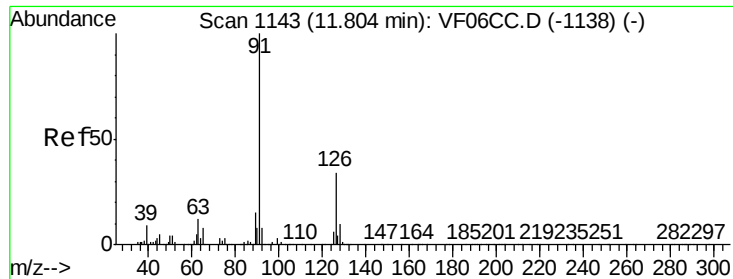
120 22.8 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

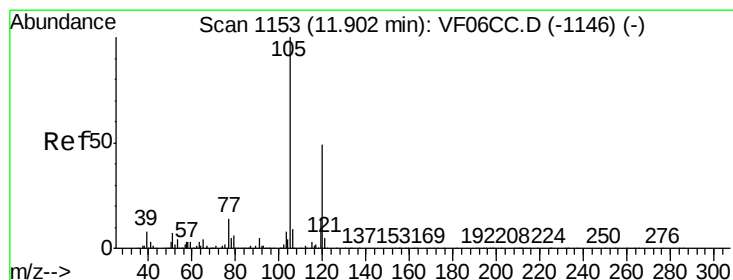
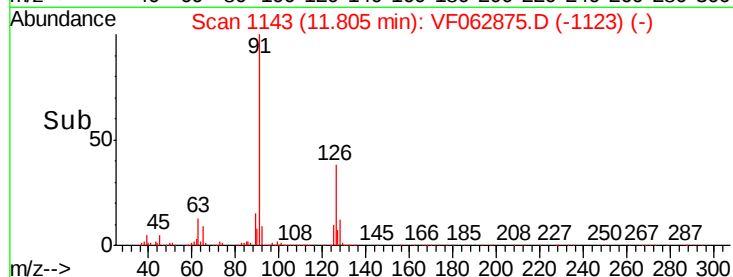
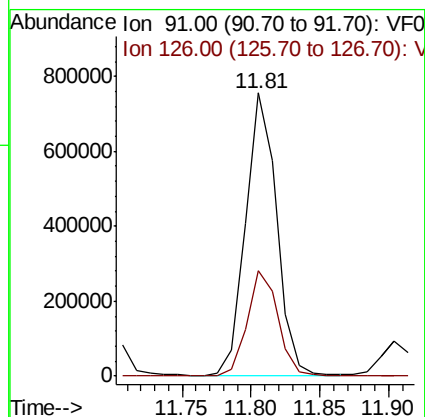
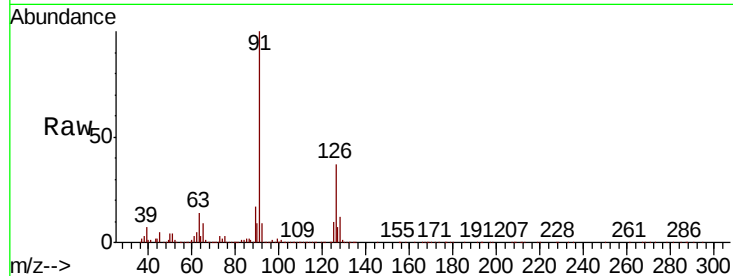




#79
 2-Chlorotoluene
 Concen: 44.556 ug/l
 RT: 11.81 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VF062875.D
 Acq: 6 Jun 2019 10:56

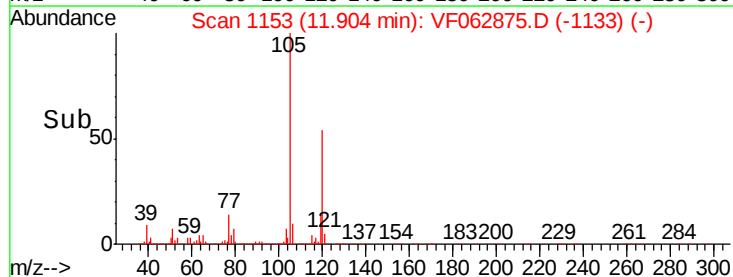
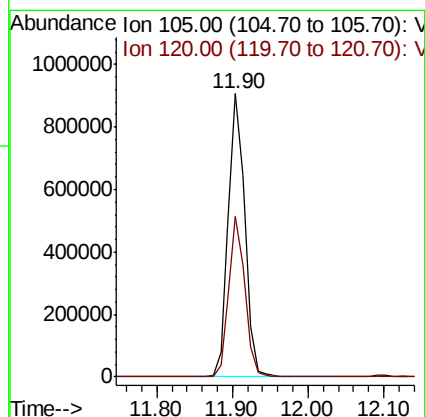
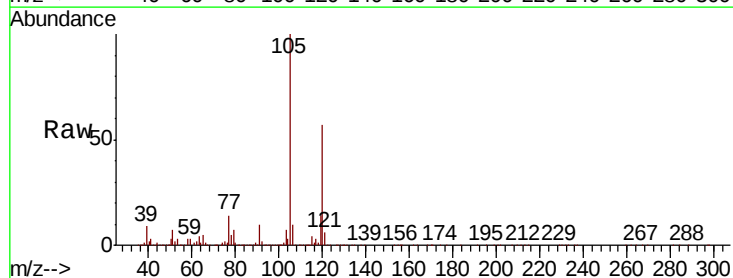
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

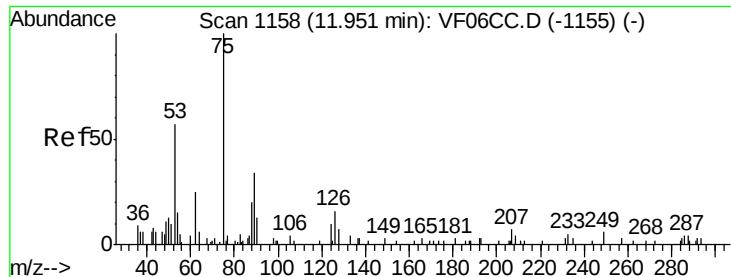
Tot Ion: 91 Resp: 1181180
 Ion Ratio Lower Upper
 91 100
 126 37.3 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 43.871 ug/l
 RT: 11.90 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VF062875.D
 Acq: 6 Jun 2019 10:56

Tgt Ion: 105 Resp: 1376659
 Ion Ratio Lower Upper
 105 100
 120 56.7 28.7 86.1





#81

trans-1,4-Dichloro-2-butene

Concen: 64.434 ug/l

RT: 11.94 min Scan# 1157

Delta R.T. -0.01 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

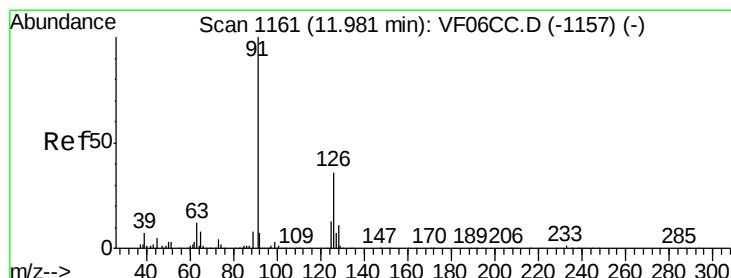
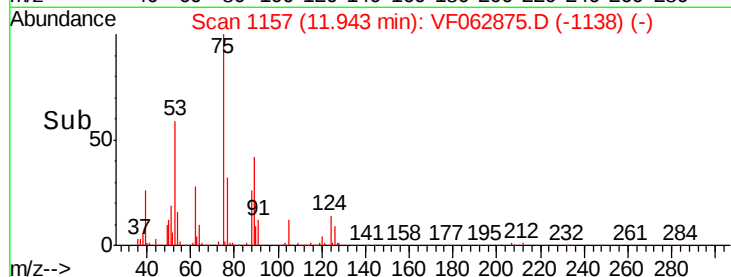
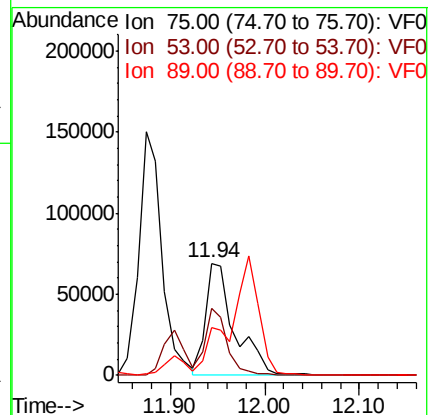
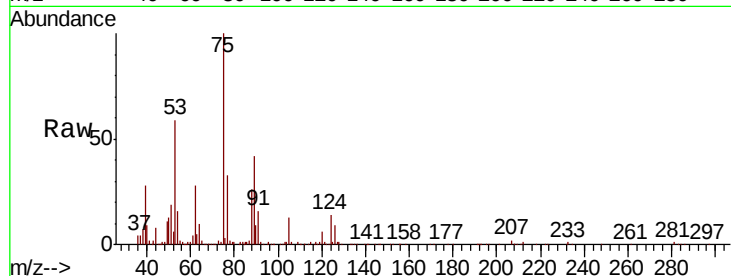
Tot Ion: 75 Resp: 148172

Ion Ratio Lower Upper

75 100

53 59.5 43.5 65.3

89 42.1 34.3 51.5



#82

4-Chlorotoluene

Concen: 45.439 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VF062875.D

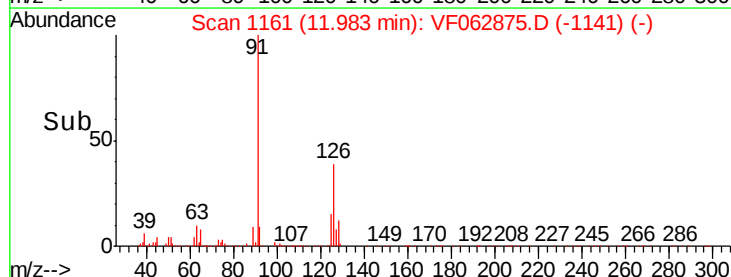
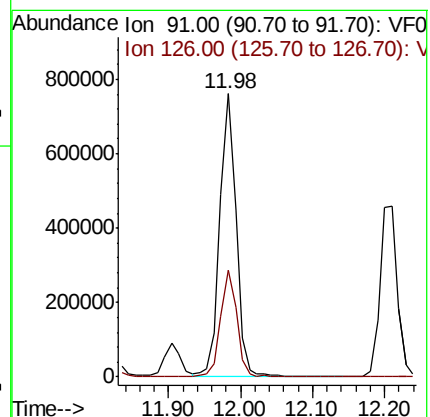
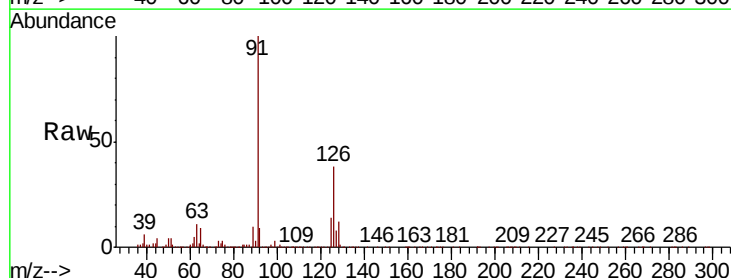
Acq: 6 Jun 2019 10:56

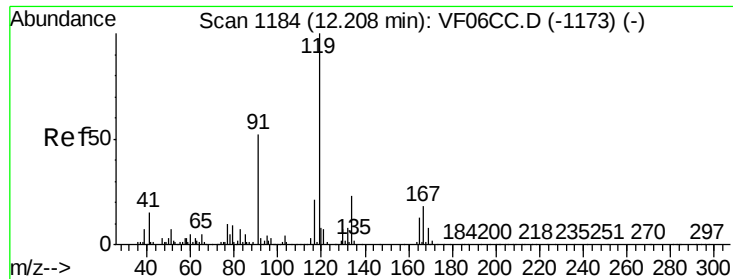
Tgt Ion: 91 Resp: 1183807

Ion Ratio Lower Upper

91 100

126 37.5 19.1 57.1

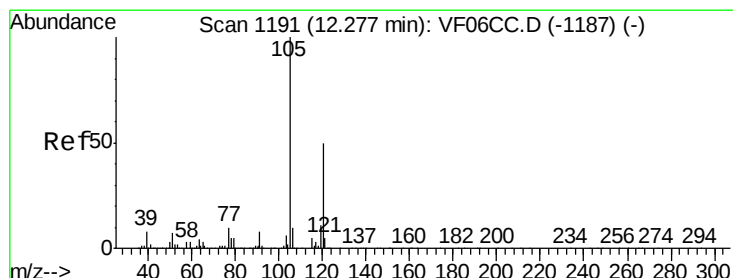
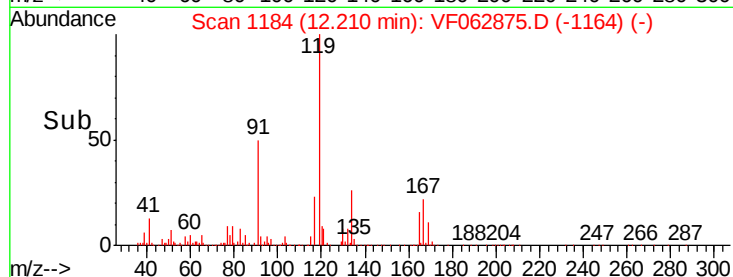
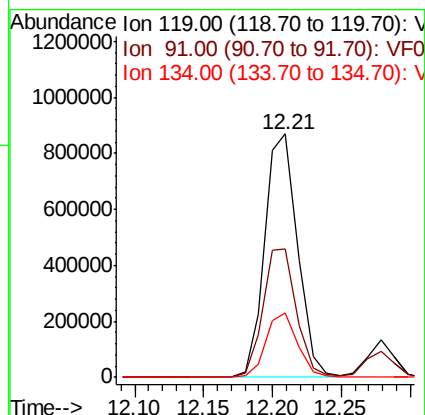
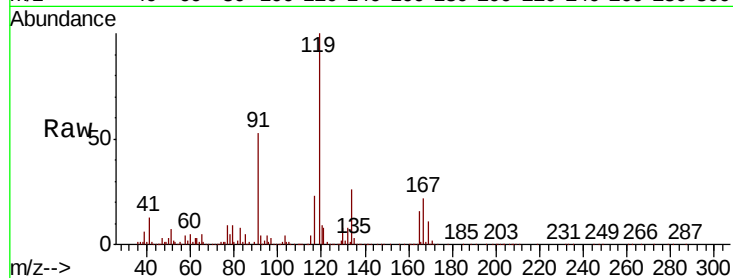




#83
tert-Butylbenzene
Concen: 46.476 ug/l
RT: 12.21 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

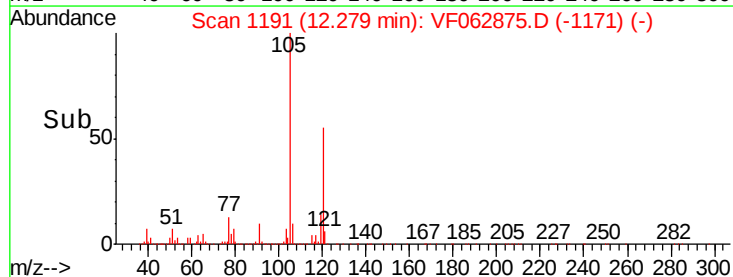
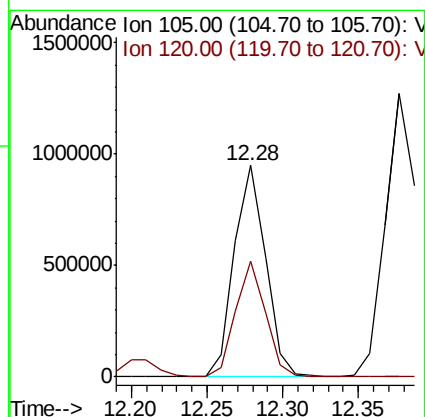
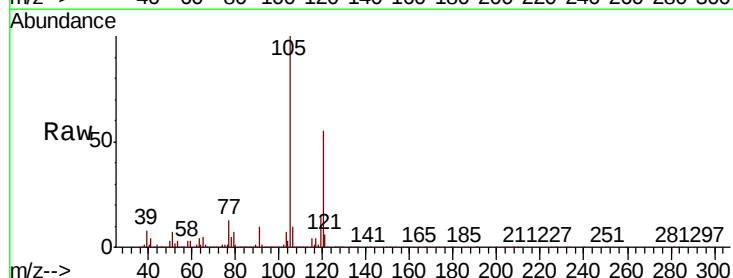
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

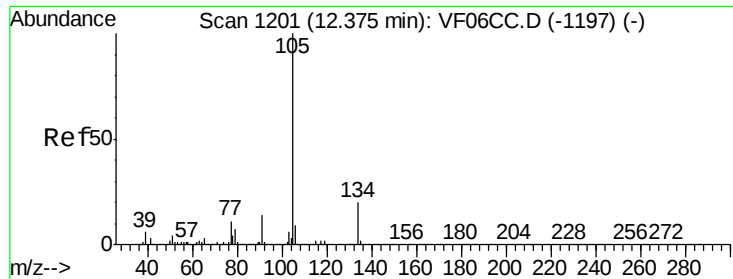
Tot Ion:119 Resp: 1445107
Ion Ratio Lower Upper
119 100
91 52.6 28.9 86.7
134 26.3 14.3 42.9



#84
1,2,4-Trimethylbenzene
Concen: 46.076 ug/l
RT: 12.28 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Tgt Ion:105 Resp: 1370852
Ion Ratio Lower Upper
105 100
120 54.7 27.1 81.3

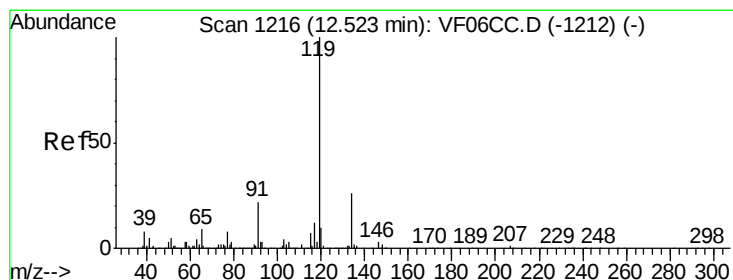
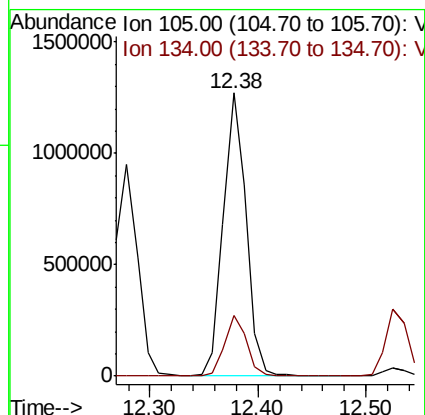
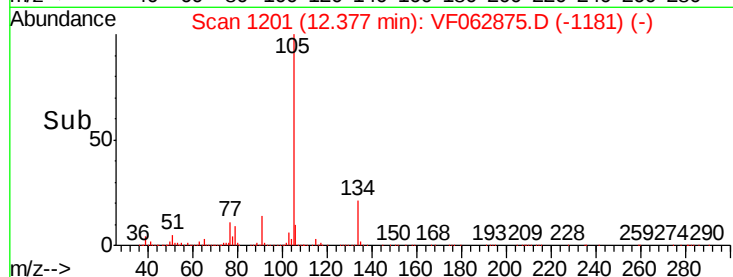
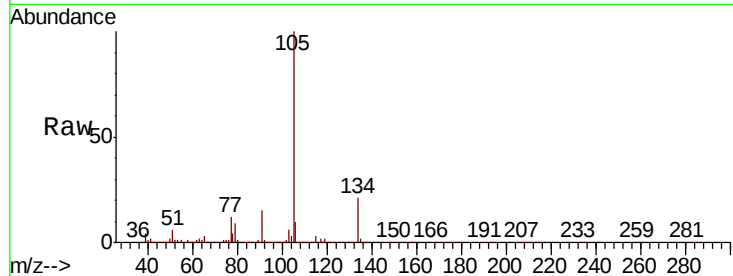




#85
 sec-Butylbenzene
 Concen: 45.434 ug/l
 RT: 12.38 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: VF062875.D
 Acq: 6 Jun 2019 10:56

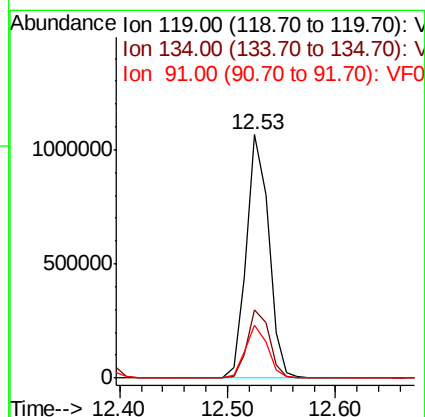
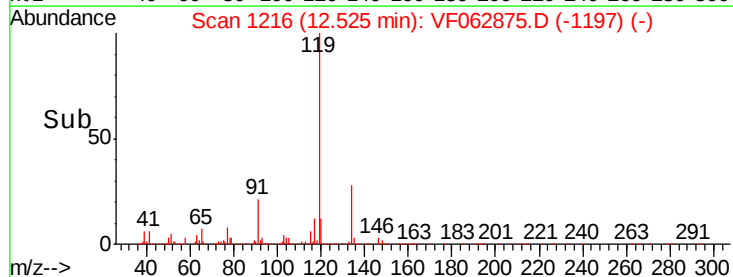
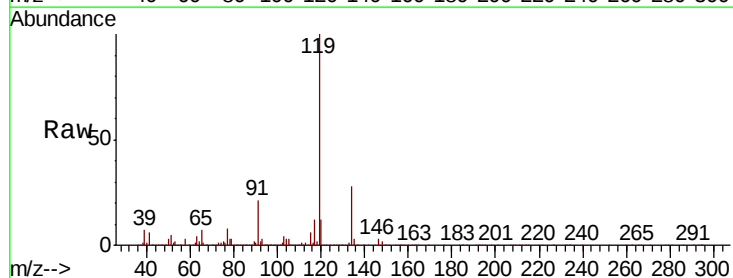
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

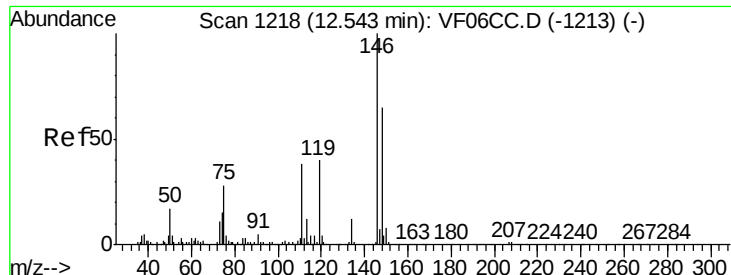
Tot Ion:105 Resp: 1861488
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 45.005 ug/l
 RT: 12.53 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VF062875.D
 Acq: 6 Jun 2019 10:56

Tgt Ion:119 Resp: 1534801
 Ion Ratio Lower Upper
 119 100
 134 28.2 15.5 46.5
 91 21.5 10.3 30.9

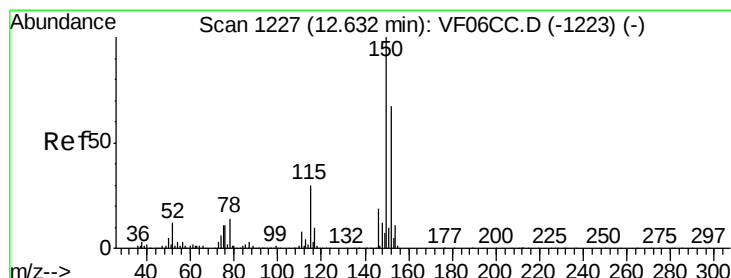
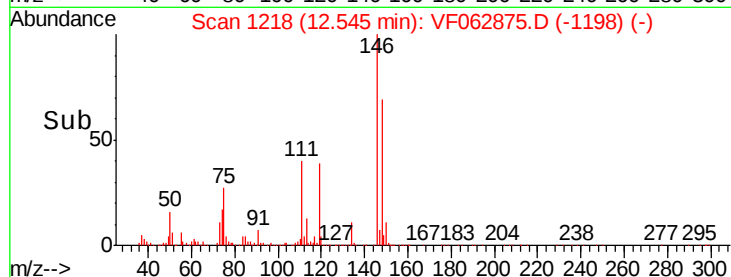
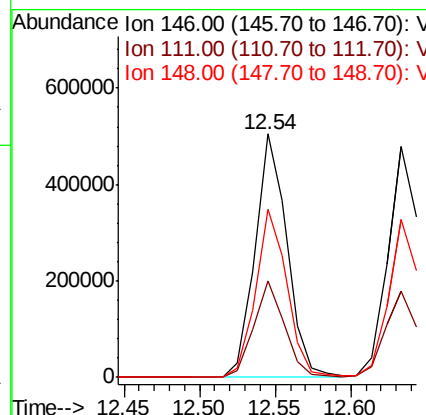
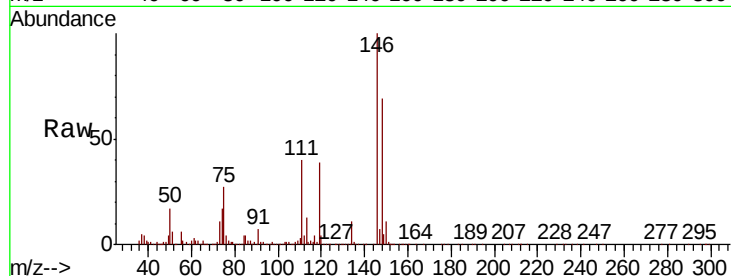




#87
 1,3-Dichlorobenzene
 Concen: 43.852 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: VF062875.D
 Acq: 6 Jun 2019 10:56

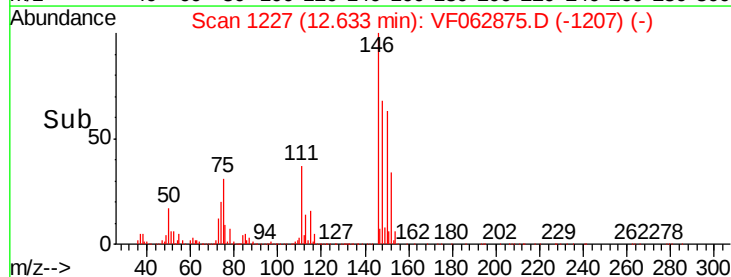
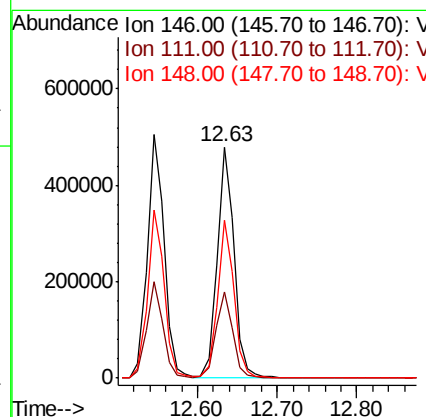
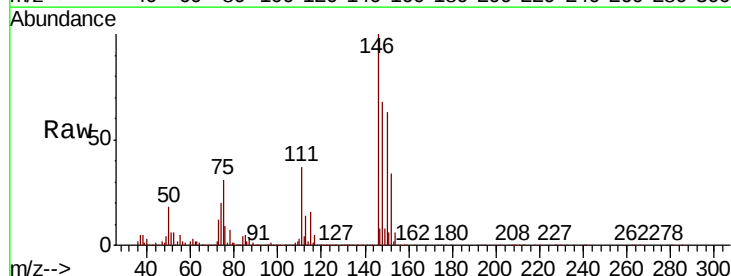
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

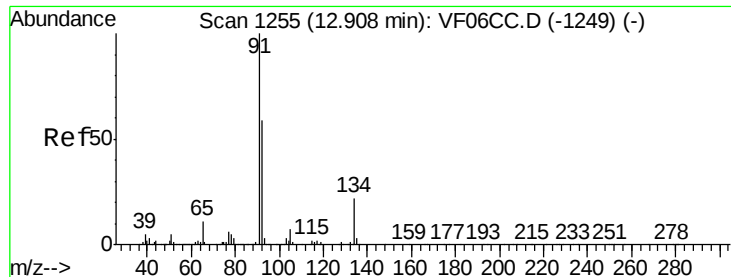
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.8
148	68.8	34.2	102.5



#88
 1,4-Dichlorobenzene
 Concen: 45.067 ug/l
 RT: 12.63 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VF062875.D
 Acq: 6 Jun 2019 10:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	20.3	60.9
148	68.2	34.0	101.8





#89

n-Butylbenzene

Concen: 44.680 ug/l

RT: 12.91 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

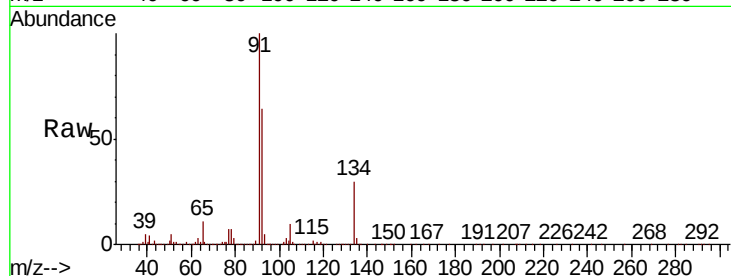
Tot Ion: 91 Resp: 1532733

Ion Ratio Lower Upper

91 100

92 64.5 34.2 102.6

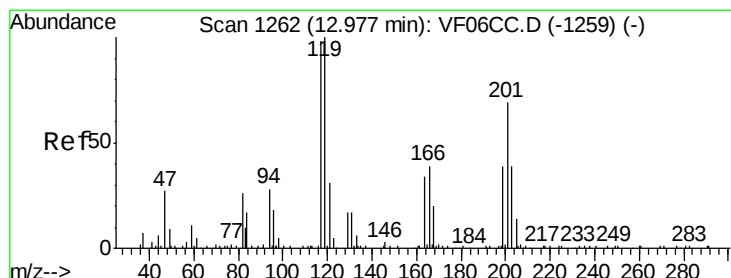
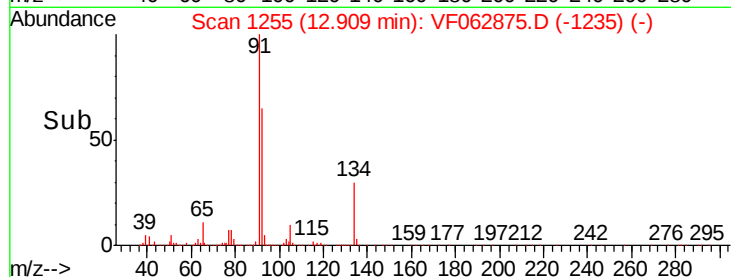
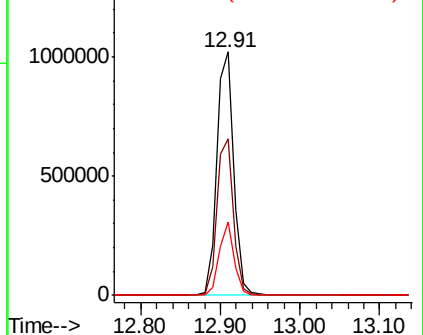
134 30.2 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 46.794 ug/l

RT: 12.98 min Scan# 1262

Delta R.T. -0.01 min

Lab File: VF062875.D

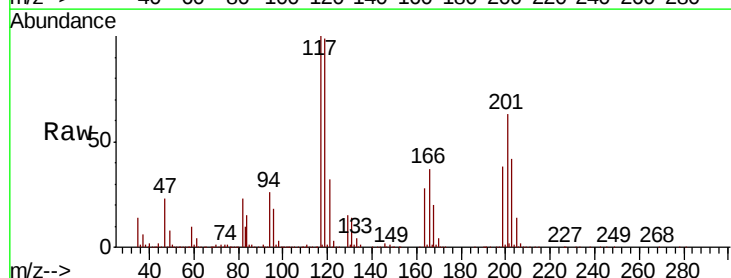
Acq: 6 Jun 2019 10:56

Tgt Ion: 117 Resp: 389213

Ion Ratio Lower Upper

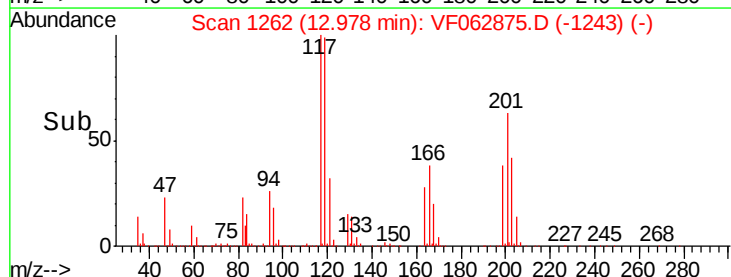
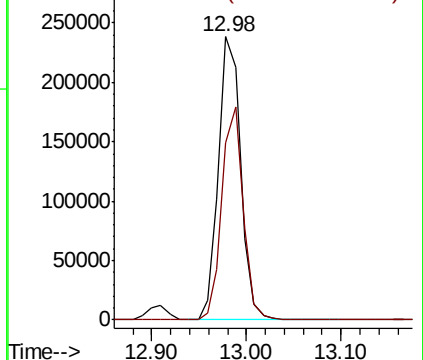
117 100

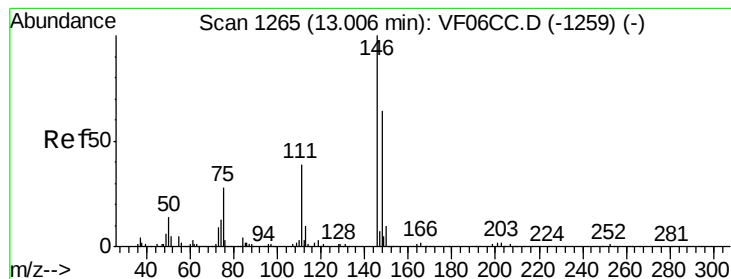
201 62.7 38.9 116.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#91

1,2-Dichlorobenzene

Concen: 46.260 ug/l

RT: 13.01 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

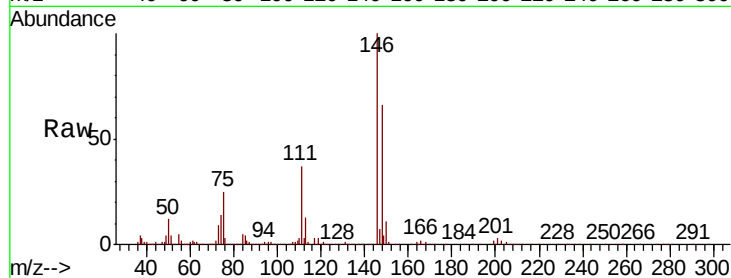
Tot Ion:146 Resp: 691360

Ion Ratio Lower Upper

146 100

111 36.8 20.4 61.3

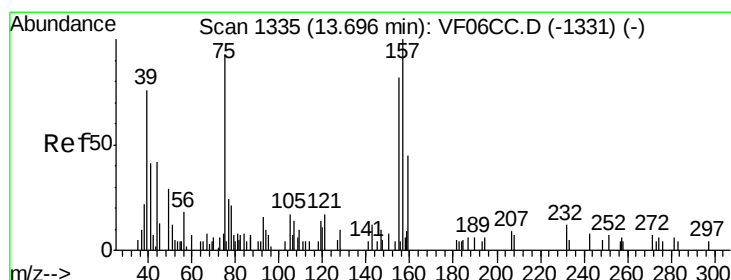
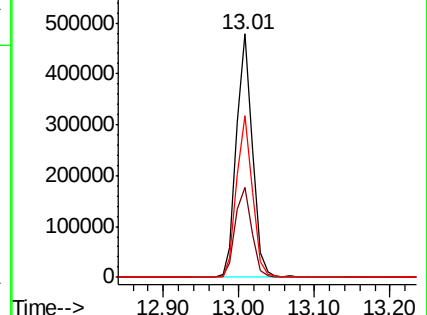
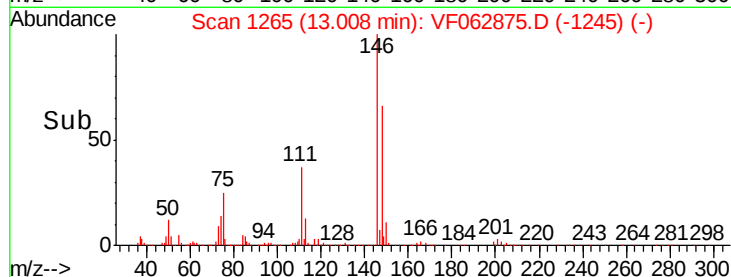
148 66.3 34.1 102.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.262 ug/l

RT: 13.70 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VF062875.D

Acq: 6 Jun 2019 10:56

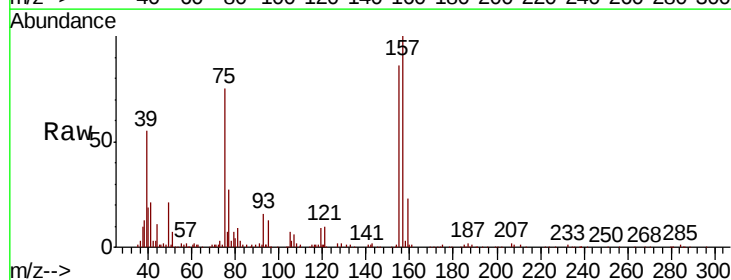
Tgt Ion: 75 Resp: 44871

Ion Ratio Lower Upper

75 100

155 115.1 51.7 155.1

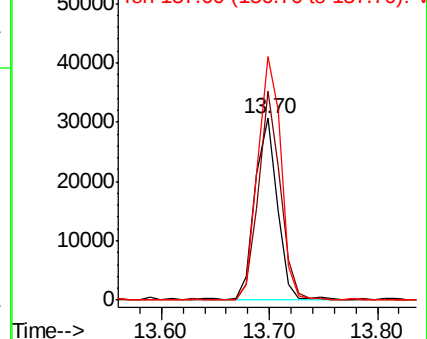
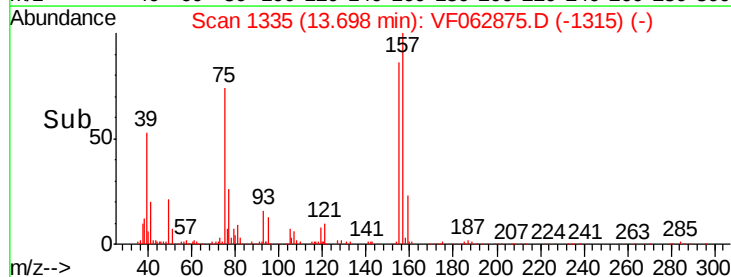
157 133.8 66.8 200.6

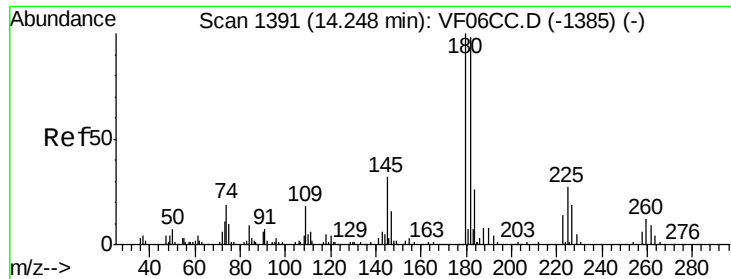


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

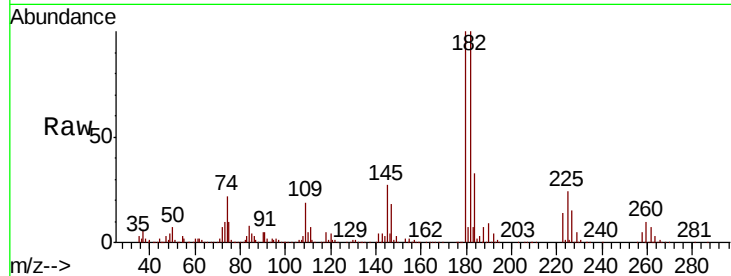




#93
 1,2,4-Trichlorobenzene
 Concen: 42.779 ug/l
 RT: 14.25 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VF062875.D
 Acq: 6 Jun 2019 10:56

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.8	50.3	150.9
145	27.2	15.4	46.2

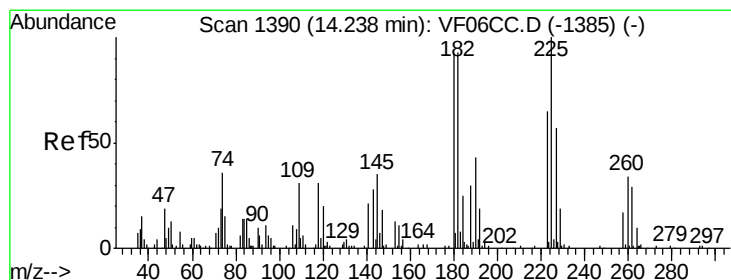
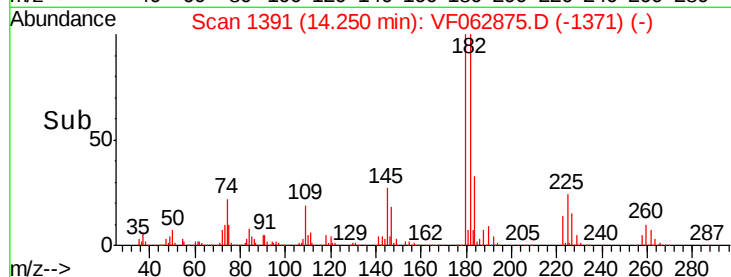
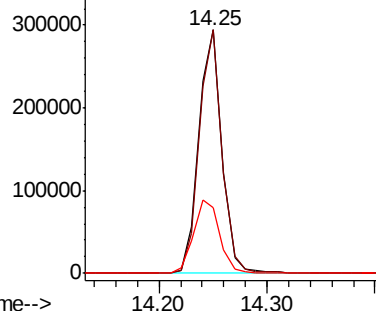


Abundance

Ion 180.00 (179.70 to 180.70): V

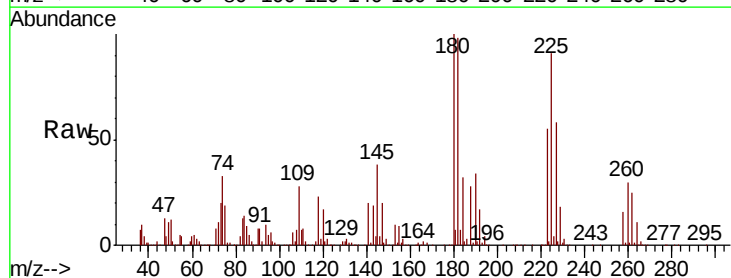
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#94
 Hexachlorobutadiene
 Concen: 43.815 ug/l
 RT: 14.24 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VF062875.D
 Acq: 6 Jun 2019 10:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	30.8	92.4
227	63.3	31.9	95.5

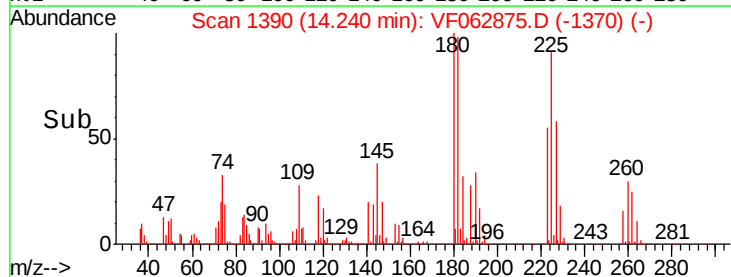
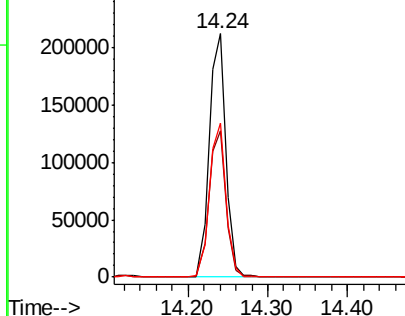


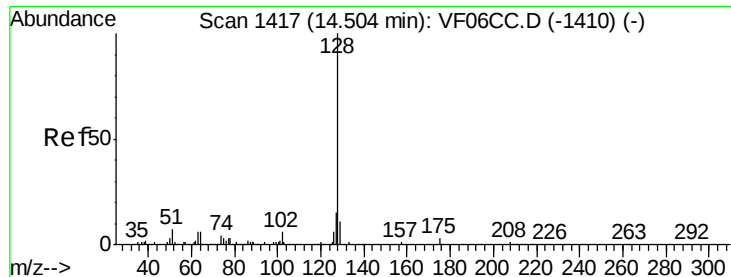
Abundance

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

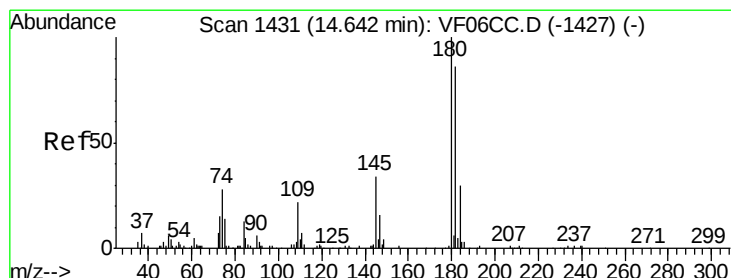
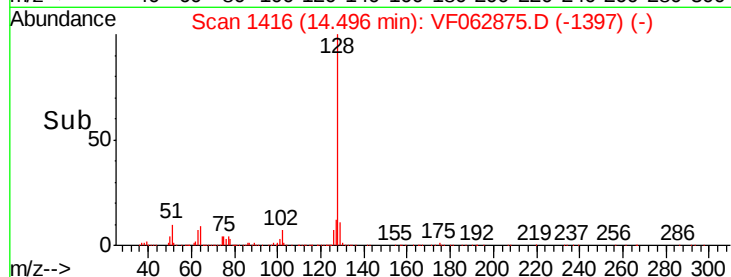
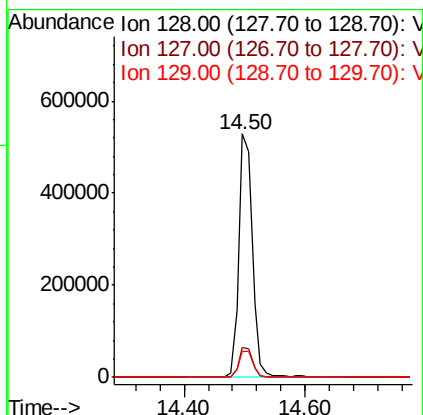
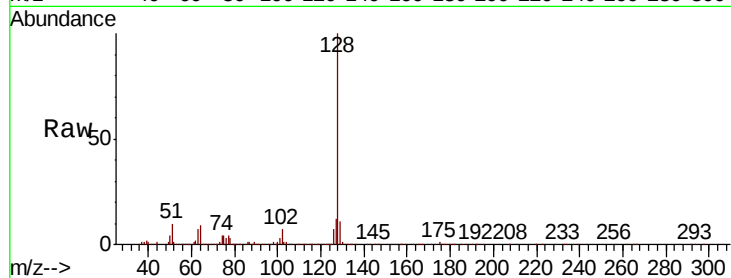




#95
Naphthalene
Concen: 49.162 ug/l
RT: 14.50 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 826474
Ion Ratio Lower Upper
128 100
127 12.3 9.7 14.5
129 10.8 9.4 14.2



#96
1,2,3-Trichlorobenzene
Concen: 43.744 ug/l
RT: 14.64 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VF062875.D
Acq: 6 Jun 2019 10:56

Tgt Ion:180 Resp: 409740
Ion Ratio Lower Upper
180 100
182 96.0 48.6 145.9
145 30.8 15.7 47.0

