

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
 Data File : VF062415.D
 Acq On : 10 May 2019 10:40
 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: May 10 11:04:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	325528	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	407078	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	402991	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	223332	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.04	65	159473	51.84	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	4.32	113	180239	55.58	ug/l	0.02
Spiked Amount	50.000		Recovery	=	111.16%	
50) Toluene-d8	7.72	98	431742	55.00	ug/l	0.02
Spiked Amount	50.000		Recovery	=	110.00%	
62) 4-Bromofluorobenzene	11.49	95	195760	55.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.54%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.01	85	148142	39.322 ug/l	97
3) Chloromethane	1.14	50	88928	35.790 ug/l	98
4) Vinyl Chloride	1.19	62	95700	38.614 ug/l	98
5) Bromomethane	1.39	94	82565	43.841 ug/l	97
6) Chloroethane	1.44	64	53320	42.792 ug/l #	84
7) Trichlorofluoromethane	1.56	101	230159	44.758 ug/l	89
8) Diethyl Ether	1.72	74	28186	36.225 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	1.90	101	129852	44.231 ug/l	99
10) Methyl Iodide	1.98	142	210104	43.428 ug/l	97
11) Tert butyl alcohol	2.70	59	30474	175.271 ug/l #	90
12) 1,1-Dichloroethene	1.87	96	95562	38.289 ug/l	95
13) Acrolein	2.10	56	22441	205.009 ug/l	95
14) Allyl chloride	2.20	41	156385	70.934 ug/l	98
15) Acrylonitrile	3.09	53	67385	204.599 ug/l	99
16) Acetone	2.36	43	179235	288.007 ug/l	94
17) Carbon Disulfide	1.91	76	202321	37.178 ug/l #	92
18) Methyl Acetate	2.46	43	46790	40.641 ug/l	98
19) Methyl tert-butyl Ether	2.55	73	219742	42.652 ug/l	97
20) Methylene Chloride	2.34	84	95445	42.390 ug/l	91
21) trans-1,2-Dichloroethene	2.43	96	100746	42.368 ug/l	93
22) Diisopropyl ether	2.94	45	296431	43.020 ug/l	98
23) Vinyl Acetate	3.35	43	659150	214.635 ug/l	99
24) 1,1-Dichloroethane	3.02	63	194491	46.702 ug/l	98
25) 2-Butanone	4.53	43	183868	235.171 ug/l	97
26) 2,2-Dichloropropane	3.79	77	122675	52.749 ug/l	97
27) cis-1,2-Dichloroethene	3.66	96	132916	44.717 ug/l	95
28) Bromochloromethane	3.91	49	96841	51.274 ug/l	92
29) Tetrahydrofuran	4.28	42	63299	176.157 ug/l	98
30) Chloroform	4.06	83	260480	46.298 ug/l	97
31) Cyclohexane	3.89	56	139878	42.081 ug/l	94
32) 1,1,1-Trichloroethane	4.30	97	226799	47.034 ug/l	99
36) 1,1-Dichloropropene	4.49	75	163816	46.845 ug/l	98
37) Ethyl Acetate	4.31	43	61236	44.377 ug/l #	99
38) Carbon Tetrachloride	4.20	117	251939	70.605 ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.64	83	152237	43.408	ug/l	100
40) Benzene	4.83	78	357282	46.397	ug/l	93
41) Methacrylonitrile	4.94	41	35206	41.987	ug/l	94
42) 1,2-Dichloroethane	5.14	62	156826	48.694	ug/l	98
43) Isopropyl Acetate	7.12	43	65292	41.049	ug/l #	97
44) Trichloroethene	5.69	130	132650	46.893	ug/l	98
45) 1,2-Dichloropropane	6.42	63	86768	49.747	ug/l	99
46) Dibromomethane	6.27	93	69467	48.036	ug/l	95
47) Bromodichloromethane	6.56	83	183322	50.703	ug/l	96
48) Methyl methacrylate	6.88	41	51005	45.376	ug/l	97
49) 1,4-Dioxane	6.87	88	8892	766.106	ug/l	95
51) 4-Methyl-2-Pentanone	8.41	43	281332	233.421	ug/l	100
52) Toluene	7.79	92	228671	48.136	ug/l	98
53) t-1,3-Dichloropropene	8.43	75	139554	51.033	ug/l	98
54) cis-1,3-Dichloropropene	7.46	75	159312	50.058	ug/l	92
55) 1,1,2-Trichloroethane	8.65	97	72859	48.313	ug/l	93
56) Ethyl methacrylate	8.76	69	68765	43.197	ug/l	99
57) 1,3-Dichloropropane	9.00	76	113715	49.920	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.45	63	109485	228.763	ug/l	99
59) 2-Hexanone	9.63	43	222666	267.128	ug/l	95
60) Dibromochloromethane	8.86	129	121936	49.438	ug/l	98
61) 1,2-Dibromoethane	9.14	107	85780	48.397	ug/l	97
64) Tetrachloroethene	8.31	164	135451	41.402	ug/l	98
65) Chlorobenzene	9.94	112	309599	46.432	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.06	131	148062	44.018	ug/l	97
67) Ethyl Benzene	10.04	91	524784	44.946	ug/l	99
68) m/p-Xylenes	10.26	106	371543	86.246	ug/l	99
69) o-Xylene	10.82	106	202360	43.471	ug/l	99
70) Styrene	10.89	104	294015	42.143	ug/l	98
71) Bromoform	10.88	173	76792	41.671	ug/l	99
73) Isopropylbenzene	11.22	105	611059	46.153	ug/l	100
74) N-amyl acetate	11.45	43	108642	38.221	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.77	83	93498	45.102	ug/l	95
76) 1,2,3-Trichloropropane	11.87	75	69689	44.062	ug/l #	100
77) Bromobenzene	11.58	156	160347	46.146	ug/l	98
78) n-propylbenzene	11.67	91	664364	47.131	ug/l	99
79) 2-Chlorotoluene	11.80	91	408760	46.635	ug/l	100
80) 1,3,5-Trimethylbenzene	11.90	105	546732	47.113	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.94	75	41328	69.516	ug/l #	69
82) 4-Chlorotoluene	11.98	91	410925	47.467	ug/l	98
83) tert-Butylbenzene	12.20	119	557282	45.694	ug/l	100
84) 1,2,4-Trimethylbenzene	12.27	105	528372	46.526	ug/l	98
85) sec-Butylbenzene	12.37	105	708097	47.700	ug/l	99
86) p-Isopropyltoluene	12.52	119	636068	46.118	ug/l	100
87) 1,3-Dichlorobenzene	12.54	146	292958	46.163	ug/l	99
88) 1,4-Dichlorobenzene	12.63	146	284756	46.490	ug/l	99
89) n-Butylbenzene	12.90	91	581595	47.397	ug/l	99
90) Hexachloroethane	12.97	117	155958	45.288	ug/l	98
91) 1,2-Dichlorobenzene	13.00	146	283171	46.100	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.69	75	19414	41.802	ug/l	97

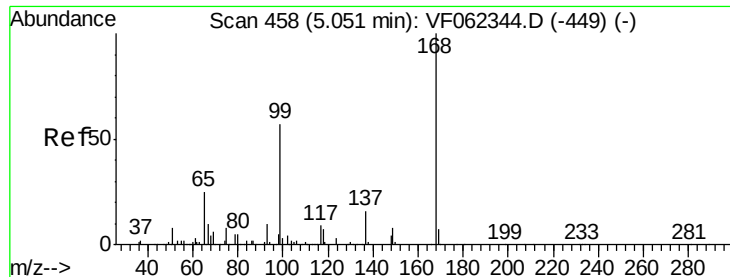
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	254788	46.244	ug/l	100
94) Hexachlorobutadiene	14.23	225	199866	48.671	ug/l	95
95) Naphthalene	14.49	128	358124	43.235	ug/l	99
96) 1,2,3-Trichlorobenzene	14.64	180	251690	47.154	ug/l	97

(#) = 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. 0.02 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

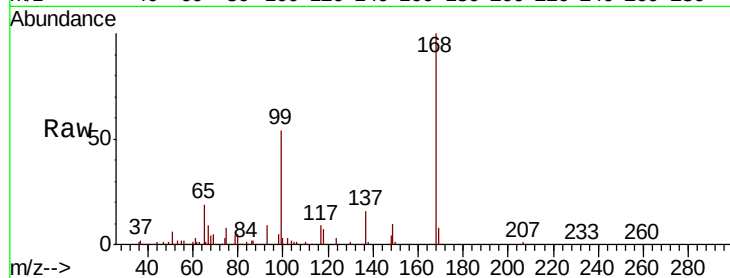
VSTDCCC050

Tgt Ion:168 Resp: 325528

Ion Ratio Lower Upper

168 100

99 53.5 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.07

120000

100000

80000

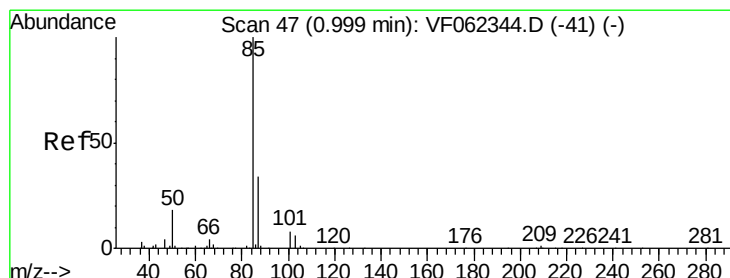
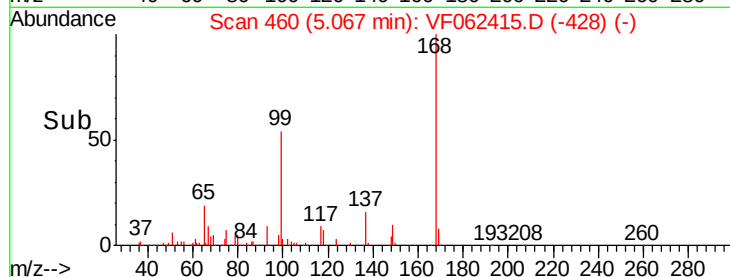
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 39.322 ug/l

RT: 1.01 min Scan# 48

Delta R.T. 0.01 min

Lab File: VF062415.D

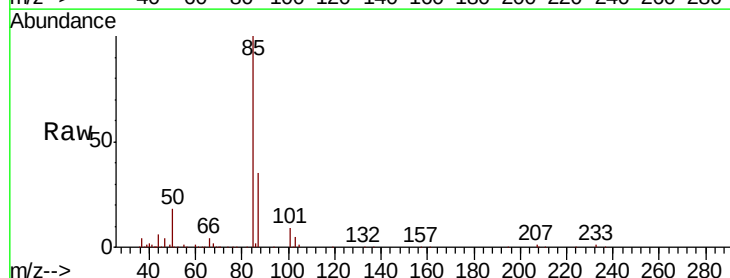
Acq: 10 May 2019 10:40

Tgt Ion: 85 Resp: 148142

Ion Ratio Lower Upper

85 100

87 35.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0

1.01

50000

40000

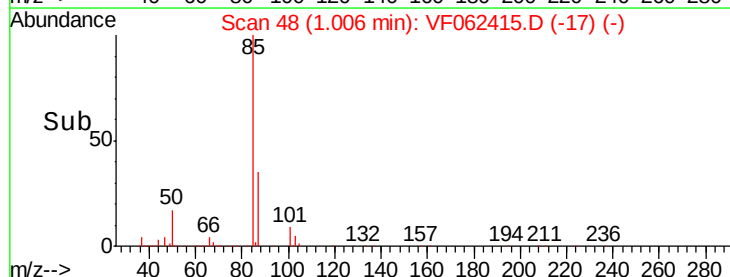
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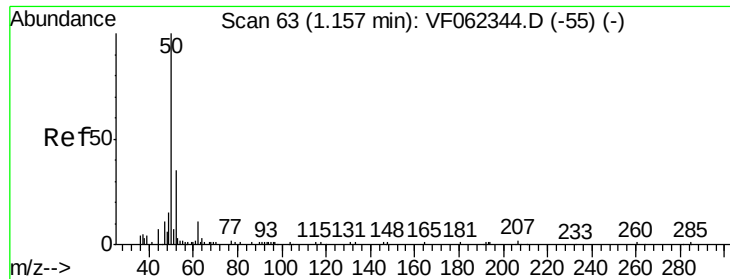
20000

10000

0

Time-->





#3

Chloromethane

Concen: 35.790 ug/l

RT: 1.14 min Scan# 62

Delta R.T. -0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

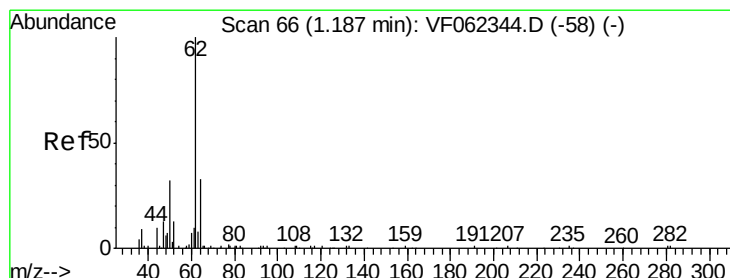
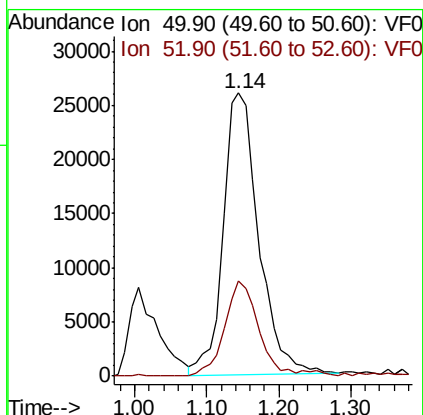
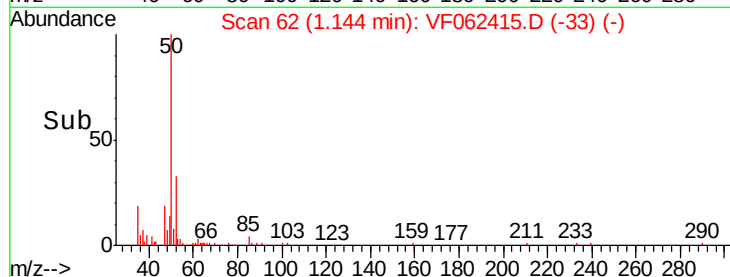
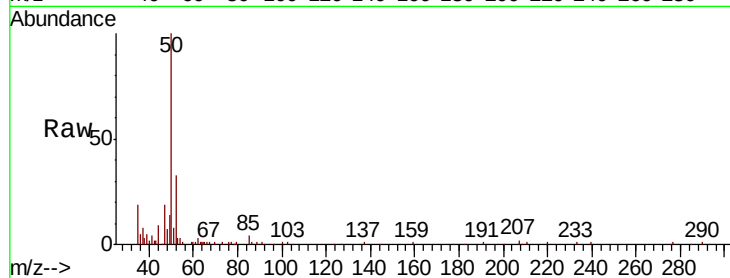
VSTDCCC050

Tgt Ion: 50 Resp: 88928

Ion Ratio Lower Upper

50 100

52 33.8 26.1 39.1



#4

Vinyl Chloride

Concen: 38.614 ug/l

RT: 1.19 min Scan# 67

Delta R.T. 0.01 min

Lab File: VF062415.D

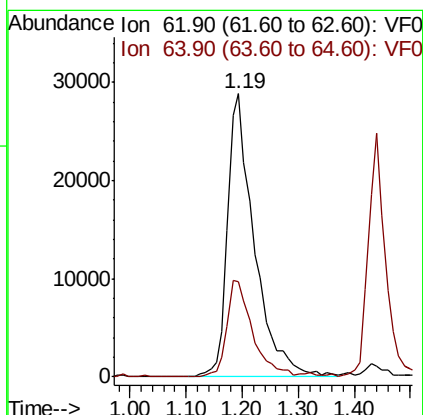
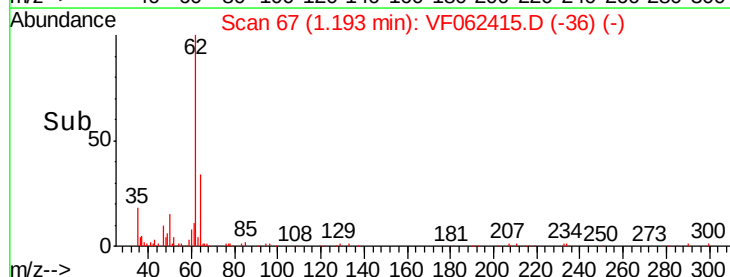
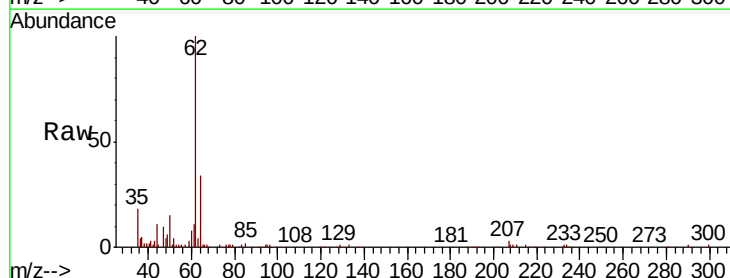
Acq: 10 May 2019 10:40

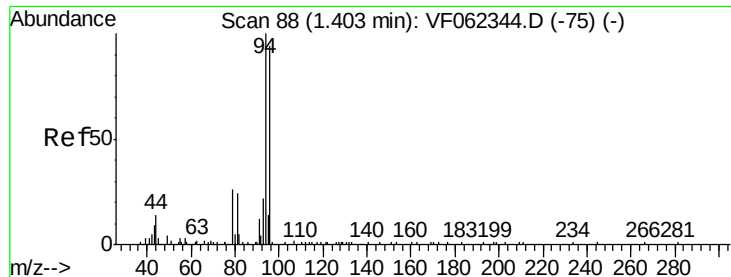
Tgt Ion: 62 Resp: 95700

Ion Ratio Lower Upper

62 100

64 33.5 26.1 39.1





#5

Bromomethane

Concen: 43.841 ug/l

RT: 1.39 min Scan# 87

Delta R.T. -0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

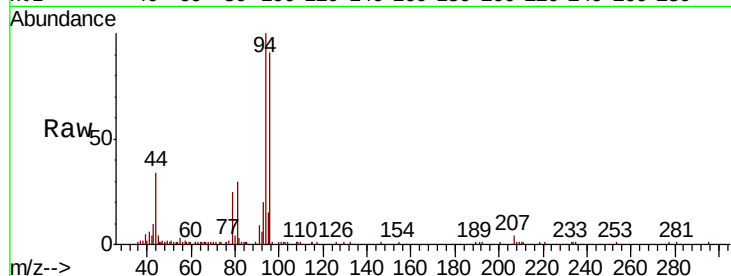
VSTDCCC050

Tgt Ion: 94 Resp: 82565

Ion Ratio Lower Upper

94 100

96 91.2 75.4 113.2



Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0

1.39

25000

20000

15000

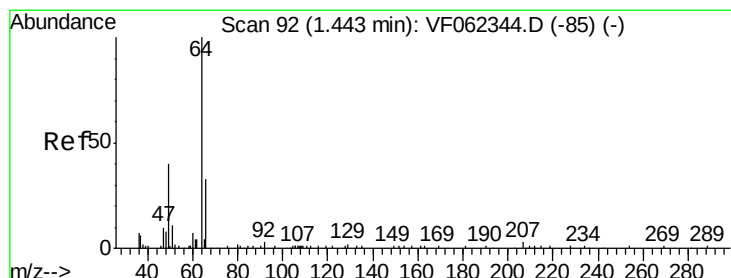
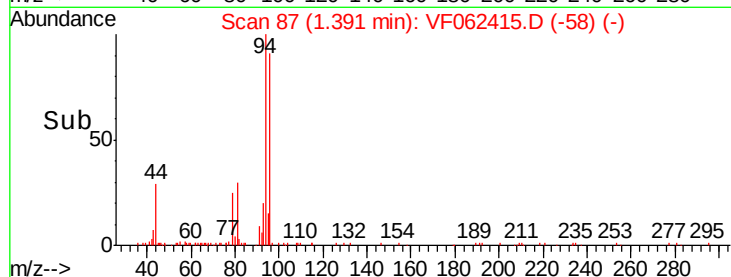
10000

5000

0

Time-->

1.20 1.30 1.40 1.50



#6

Chloroethane

Concen: 42.792 ug/l

RT: 1.44 min Scan# 92

Delta R.T. -0.00 min

Lab File: VF062415.D

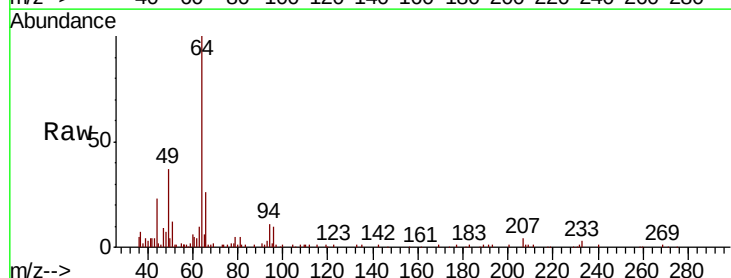
Acq: 10 May 2019 10:40

Tgt Ion: 64 Resp: 53320

Ion Ratio Lower Upper

64 100

66 24.1 26.6 39.8#



Abundance Ion 63.90 (63.60 to 64.60): VF0

Ion 65.90 (65.60 to 66.60): VF0

1.44

25000

20000

15000

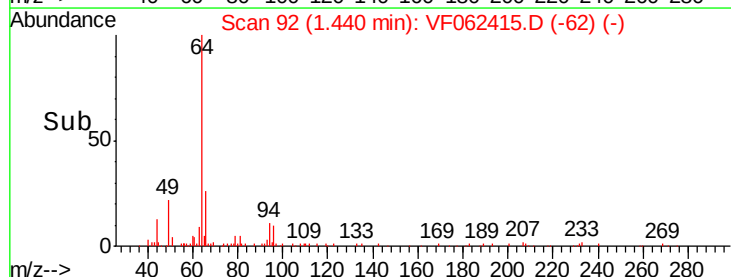
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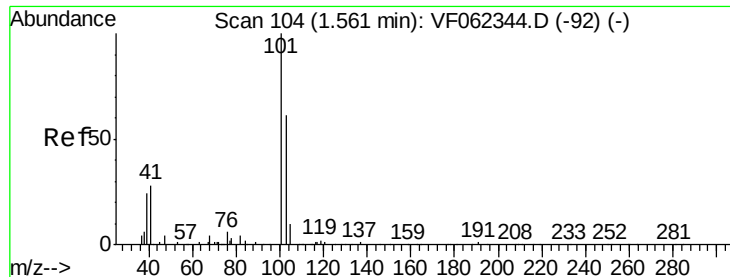
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0

Time-->

1.30 1.40 1.50



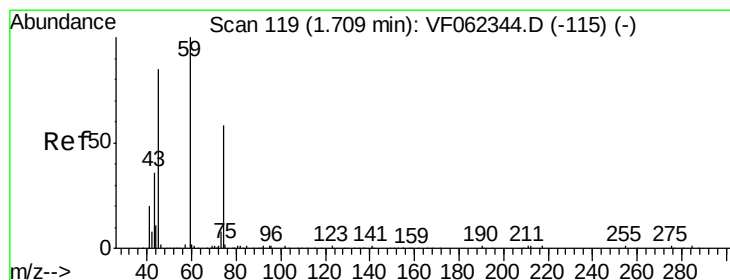
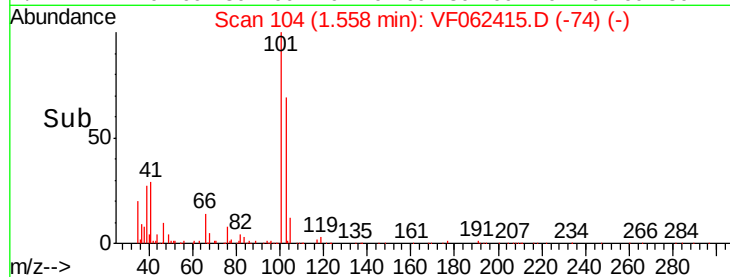
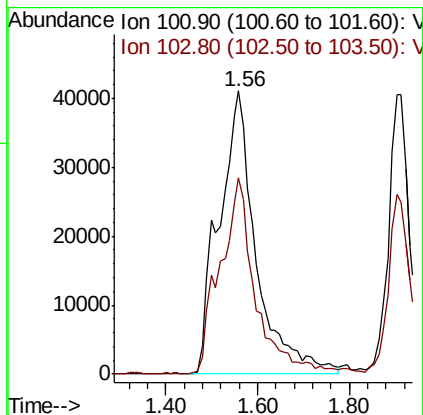
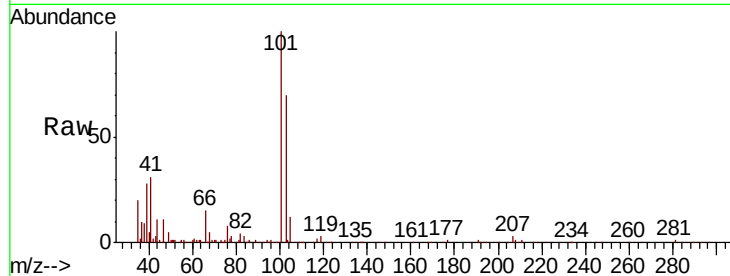


#7

Trichlorofluoromethane
Concen: 44.758 ug/l
RT: 1.56 min Scan# 104
Delta R.T. -0.00 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

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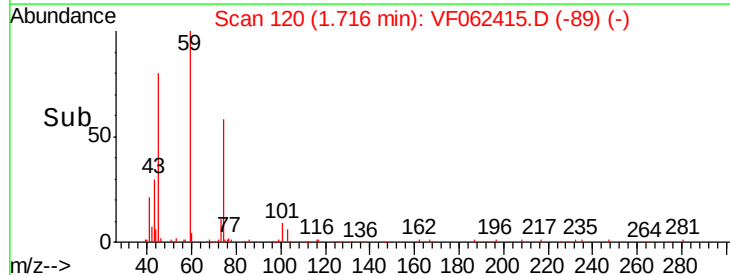
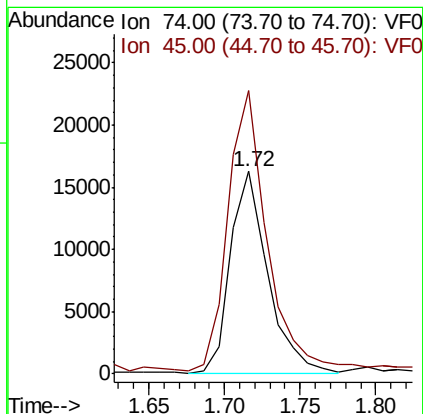
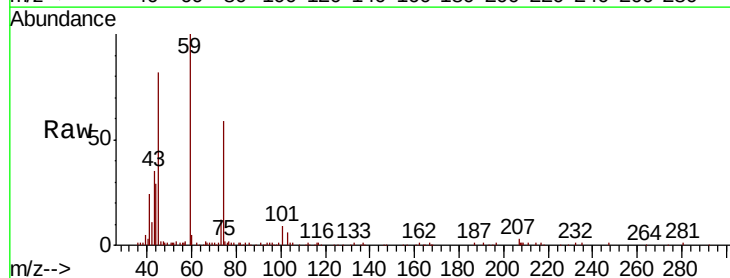
Tgt Ion:101 Resp: 230159
Ion Ratio Lower Upper
101 100
103 69.1 48.5 72.7

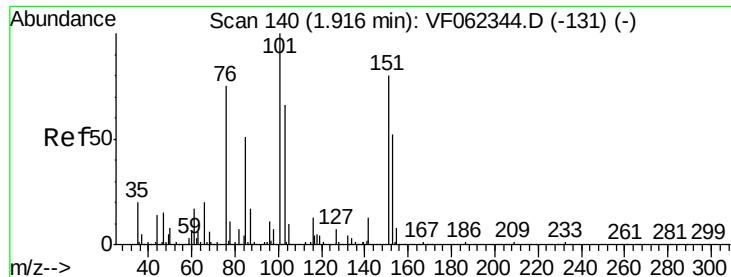


#8

Diethyl Ether
Concen: 36.225 ug/l
RT: 1.72 min Scan# 120
Delta R.T. 0.01 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Tgt Ion: 74 Resp: 28186
Ion Ratio Lower Upper
74 100
45 144.5 73.9 221.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.231 ug/l

RT: 1.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

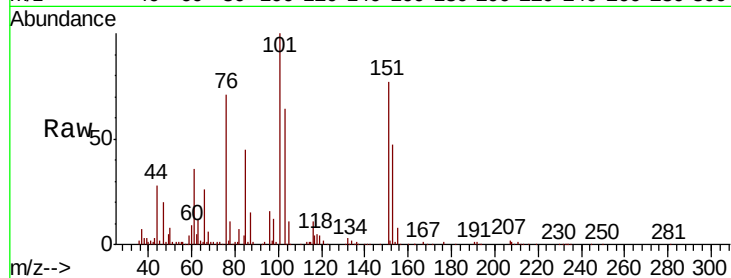
Tgt Ion:101 Resp: 129852

Ion Ratio Lower Upper

101 100

85 49.6 39.5 59.3

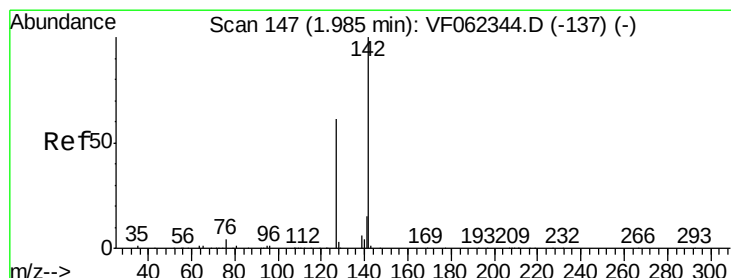
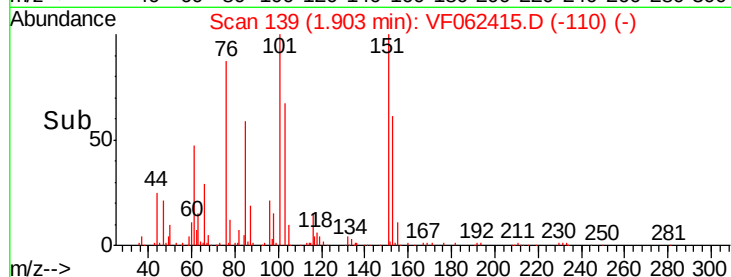
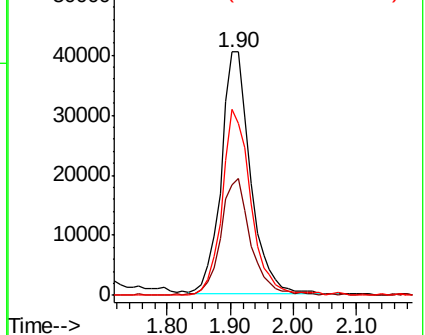
151 75.7 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VF0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.428 ug/l

RT: 1.98 min Scan# 147

Delta R.T. -0.00 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

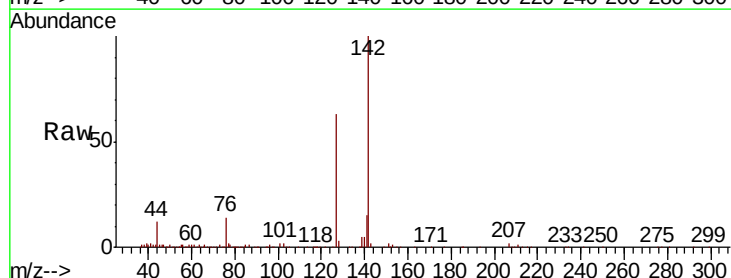
Tgt Ion:142 Resp: 210104

Ion Ratio Lower Upper

142 100

127 63.2 48.4 72.6

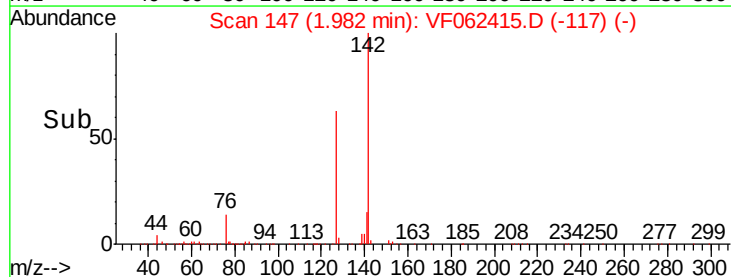
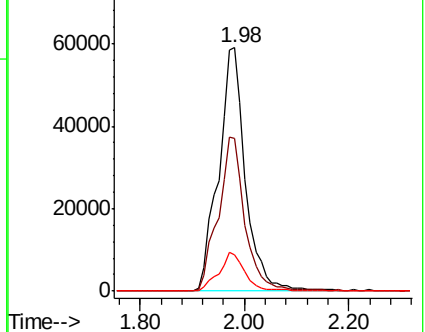
141 15.3 12.2 18.4

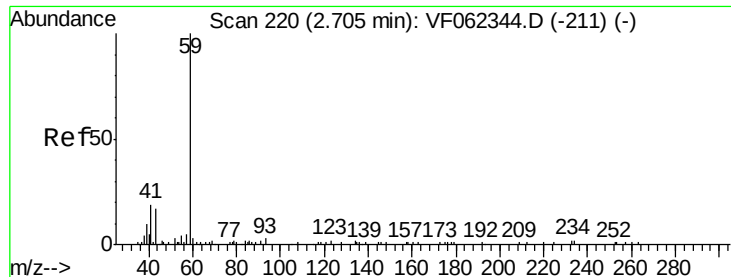


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



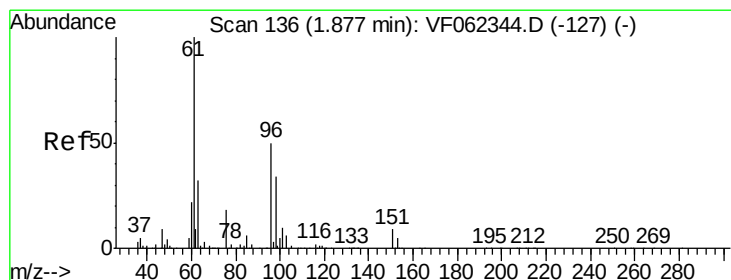
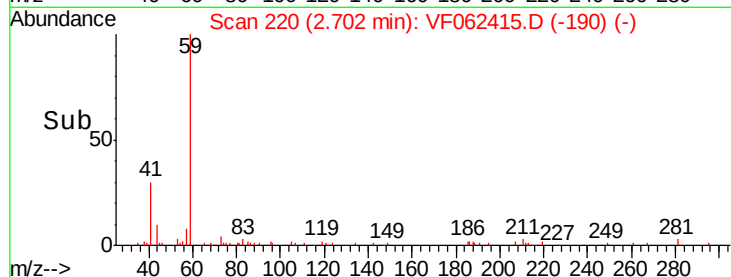
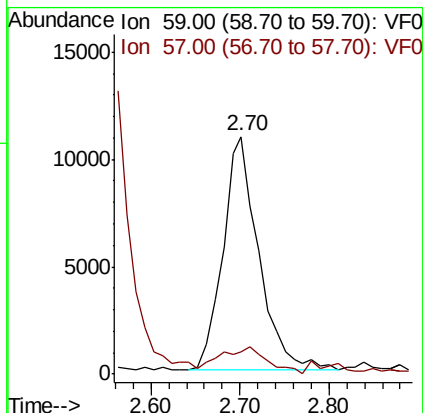
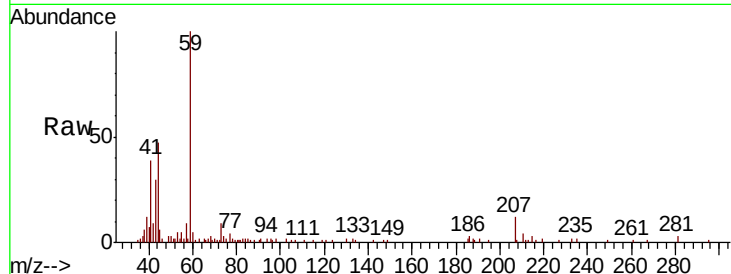


#11

Tert butyl alcohol
 Concen: 175.271 ug/l
 RT: 2.70 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VF062415.D
 Acq: 10 May 2019 10:40

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

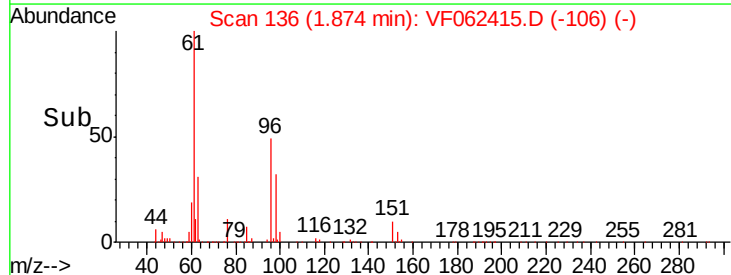
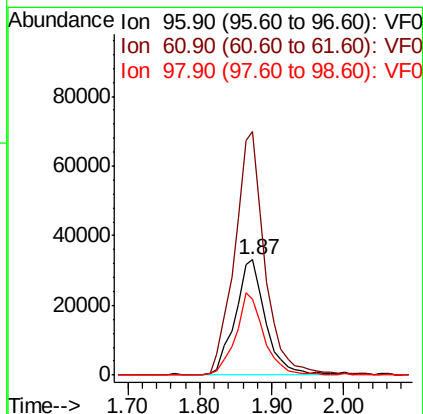
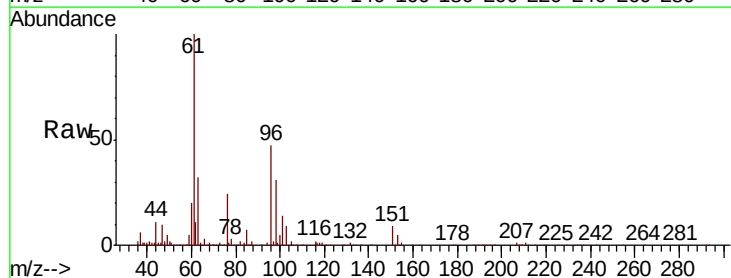
Tgt Ion: 59 Resp: 30474
 Ion Ratio Lower Upper
 59 100
 57 15.5 9.3 13.9#

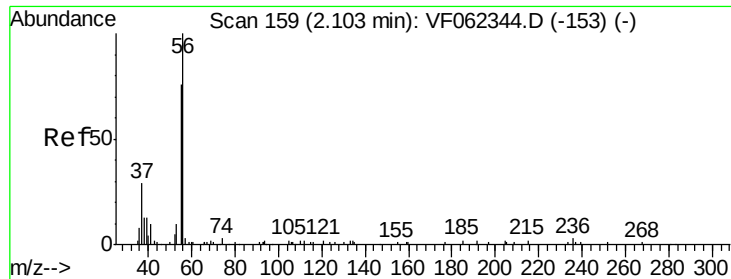


#12

1,1-Dichloroethene
 Concen: 38.289 ug/l
 RT: 1.87 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VF062415.D
 Acq: 10 May 2019 10:40

Tgt Ion: 96 Resp: 95562
 Ion Ratio Lower Upper
 96 100
 61 212.8 163.2 244.8
 98 65.9 55.2 82.8

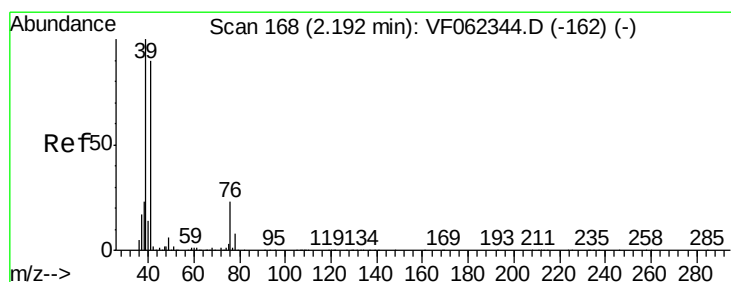
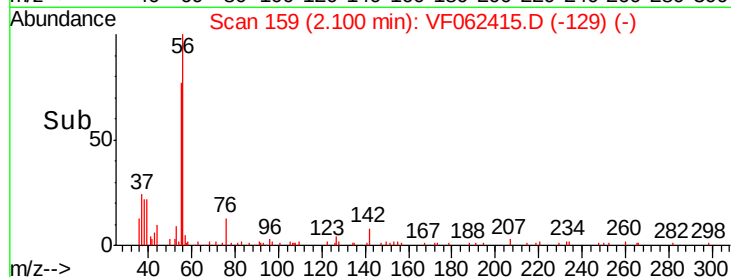
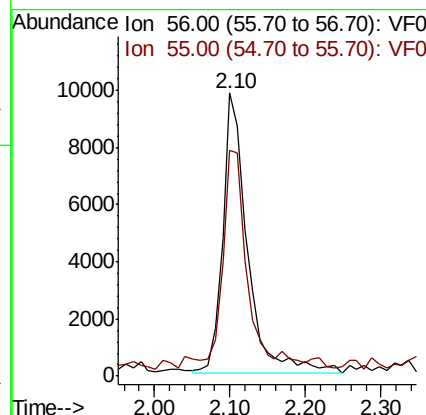
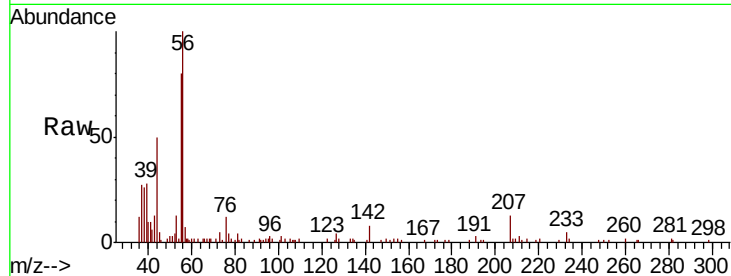




#13
Acrolein
Concen: 205.009 ug/l
RT: 2.10 min Scan# 159
Delta R.T. -0.00 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

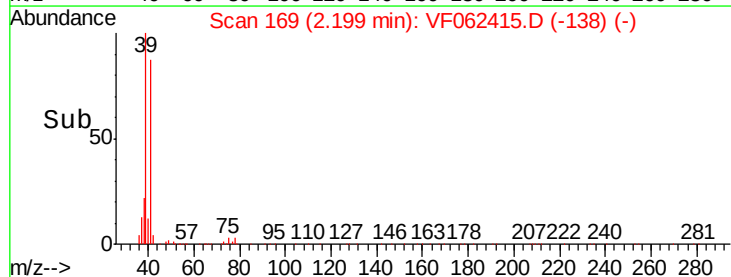
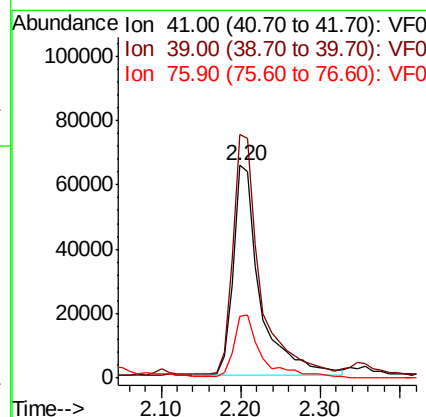
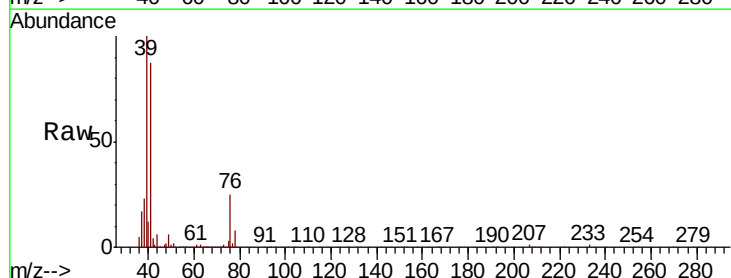
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

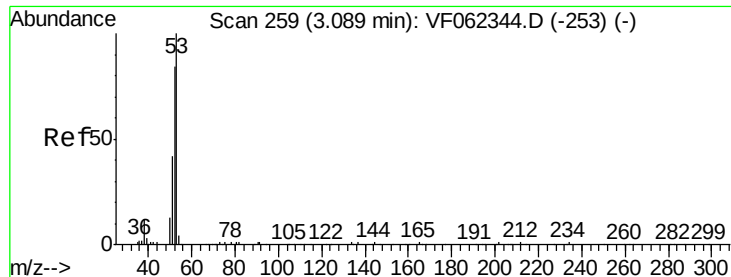
Tgt Ion: 56 Resp: 22441
Ion Ratio Lower Upper
56 100
55 76.8 58.4 87.6



#14
Allyl chloride
Concen: 70.934 ug/l
RT: 2.20 min Scan# 169
Delta R.T. 0.01 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Tgt Ion: 41 Resp: 156385
Ion Ratio Lower Upper
41 100
39 115.1 90.8 136.2
76 31.0 22.2 33.4





#15

Acrylonitrile

Concen: 204.599 ug/l

RT: 3.09 min Scan# 259

Delta R.T. -0.00 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

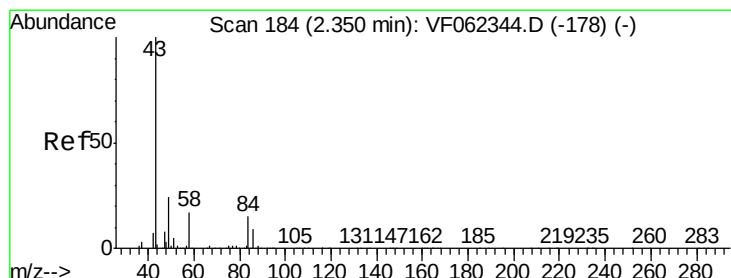
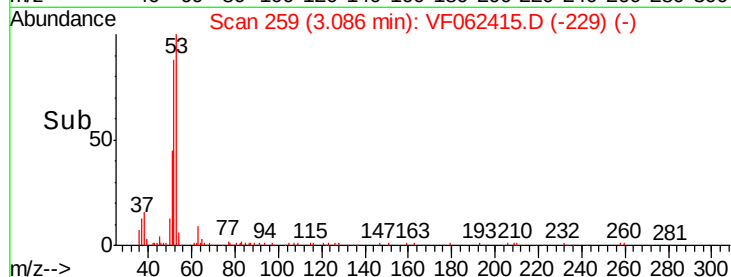
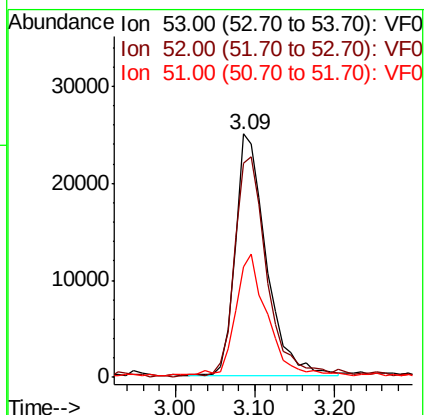
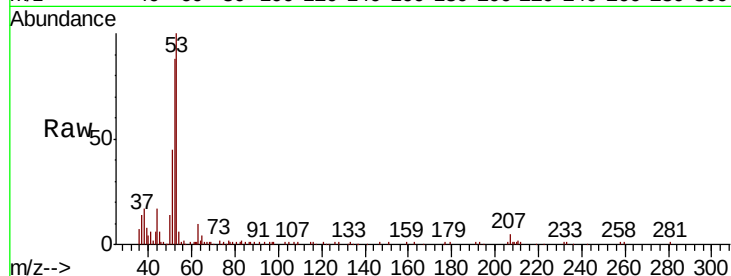
MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 67385

Ion	Ratio	Lower	Upper
53	100		
52	97.1	77.2	115.8
51	52.1	40.6	61.0



#16

Acetone

Concen: 288.007 ug/l

RT: 2.36 min Scan# 185

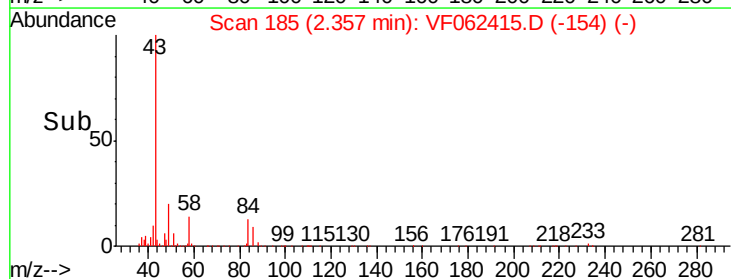
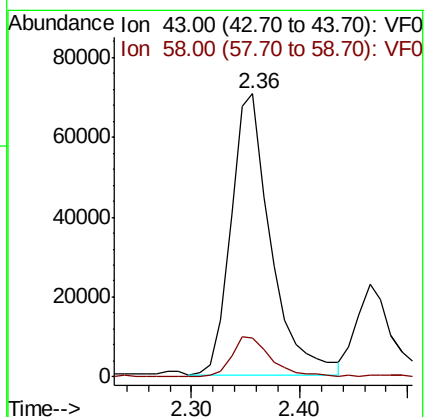
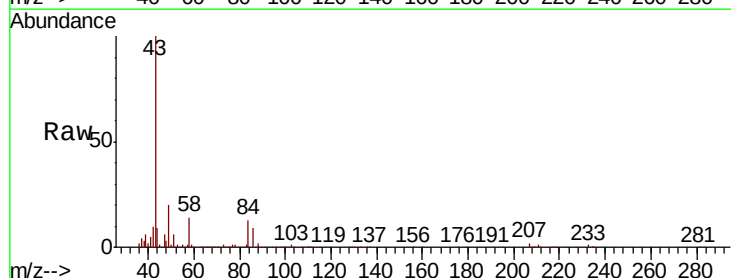
Delta R.T. 0.01 min

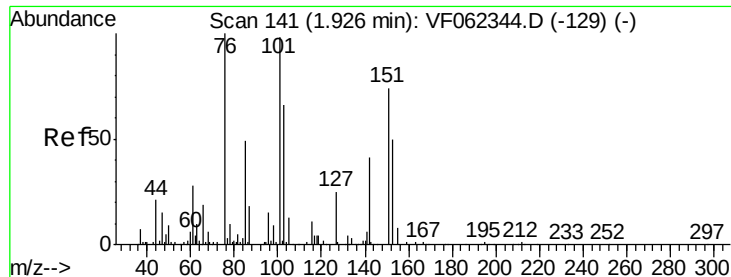
Lab File: VF062415.D

Acq: 10 May 2019 10:40

Tgt Ion: 43 Resp: 179235

Ion	Ratio	Lower	Upper
43	100		
58	14.0	13.1	19.7

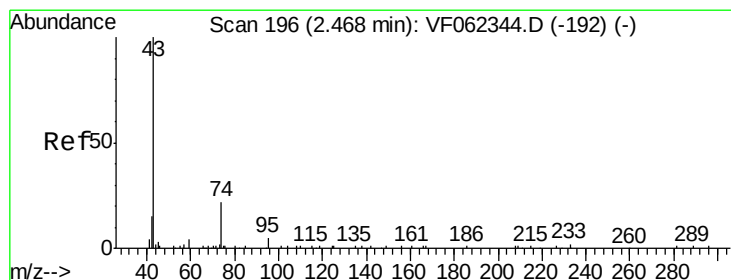
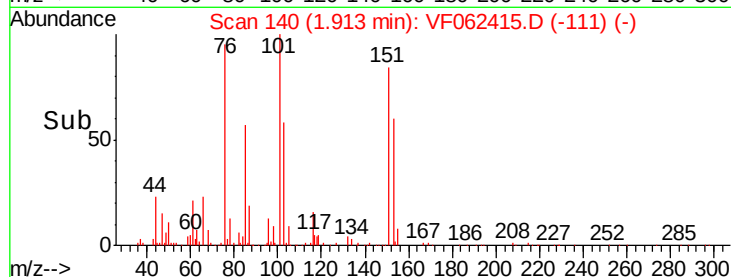
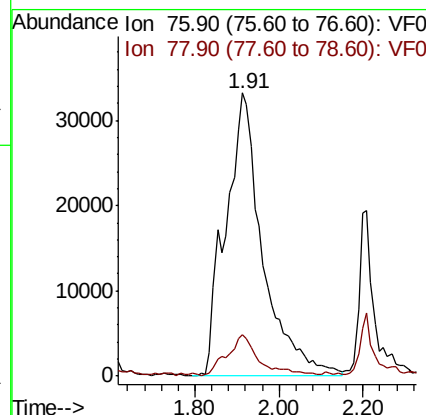
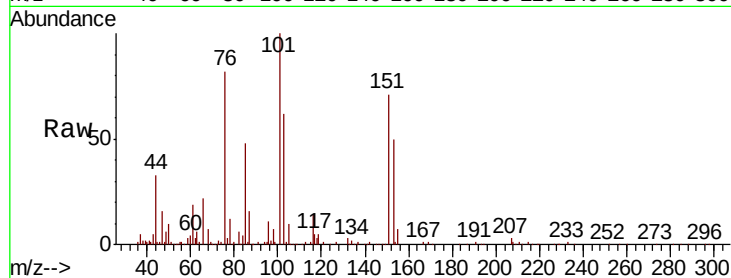




#17
Carbon Disulfide
Concen: 37.178 ug/l
RT: 1.91 min Scan# 140
Delta R.T. -0.01 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

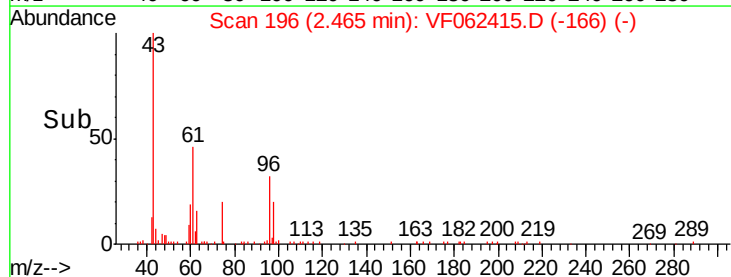
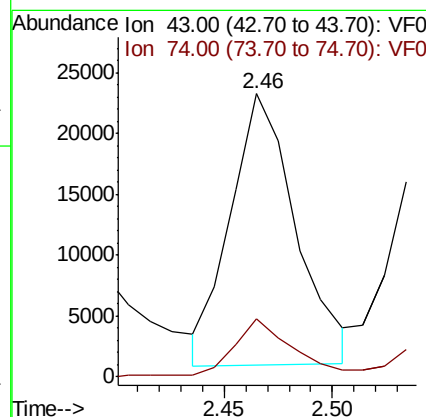
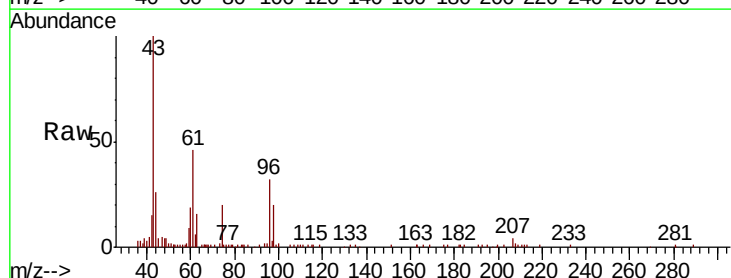
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

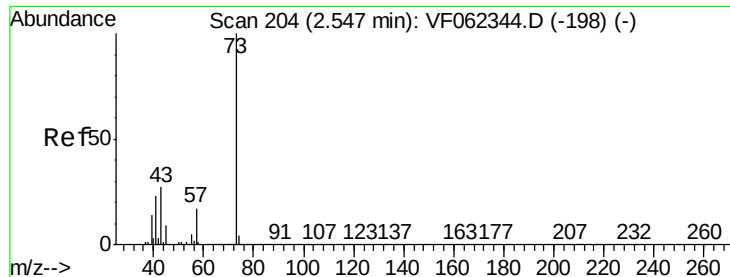
Tgt Ion: 76 Resp: 202321
Ion Ratio Lower Upper
76 100
78 14.1 9.0 13.4#



#18
Methyl Acetate
Concen: 40.641 ug/l
RT: 2.46 min Scan# 196
Delta R.T. -0.00 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Tgt Ion: 43 Resp: 46790
Ion Ratio Lower Upper
43 100
74 19.8 15.0 22.4





#19

Methyl tert-butyl Ether

Concen: 42.652 ug/l

RT: 2.55 min Scan# 205

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

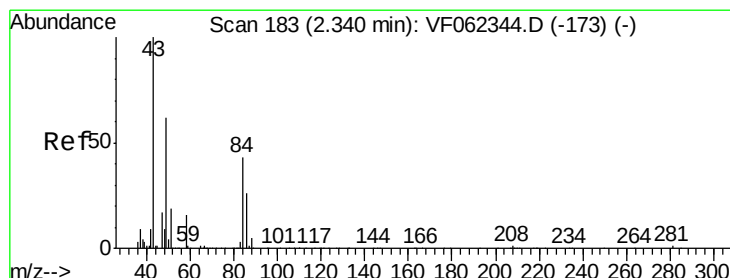
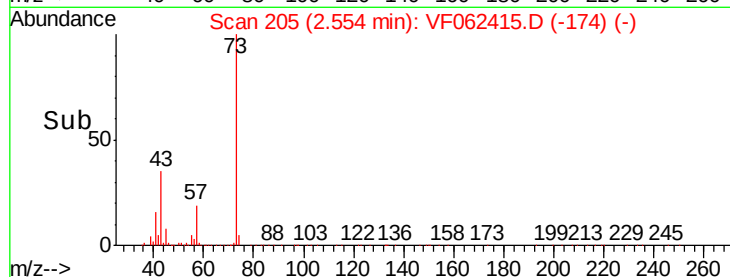
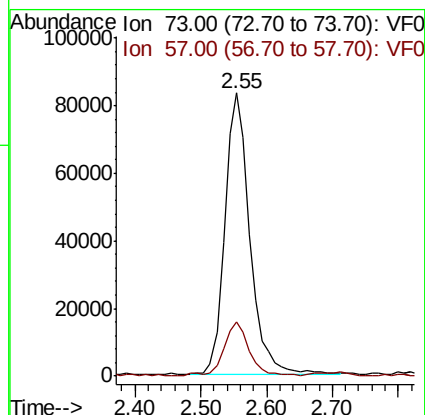
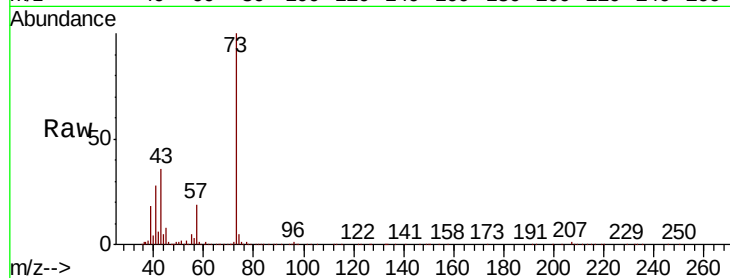
VSTDCCC050

Tgt Ion: 73 Resp: 219742

Ion Ratio Lower Upper

73 100

57 18.6 13.7 20.5



#20

Methylene Chloride

Concen: 42.390 ug/l

RT: 2.34 min Scan# 183

Delta R.T. -0.00 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Tgt Ion: 84 Resp: 95445

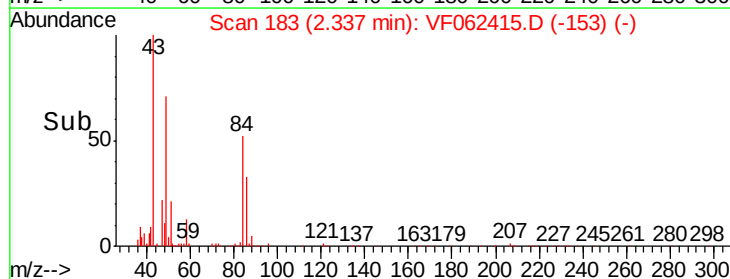
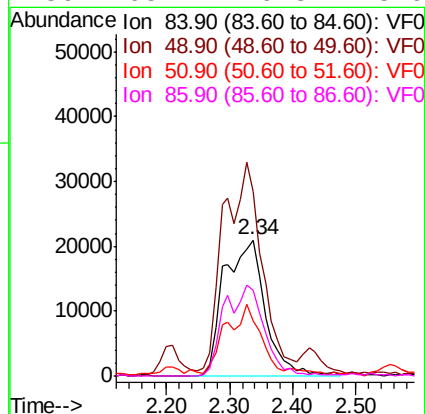
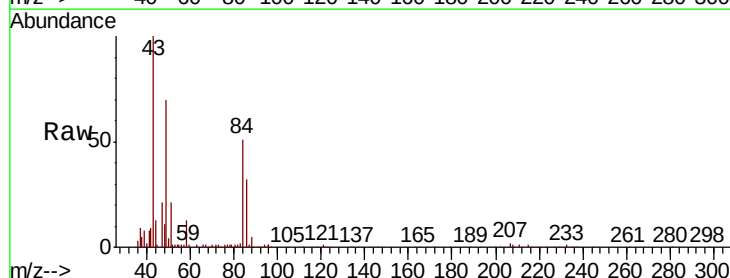
Ion Ratio Lower Upper

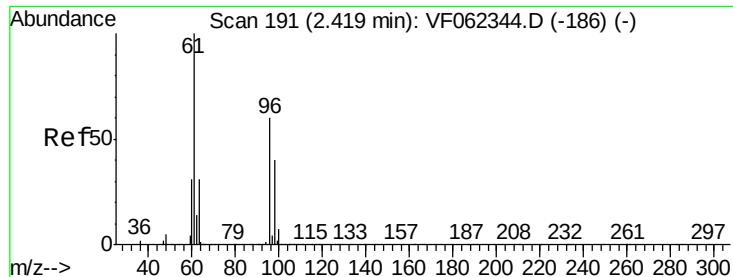
84 100

49 132.4 117.5 176.3

51 38.8 37.0 55.4

86 63.2 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 42.368 ug/l

RT: 2.43 min Scan# 192

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

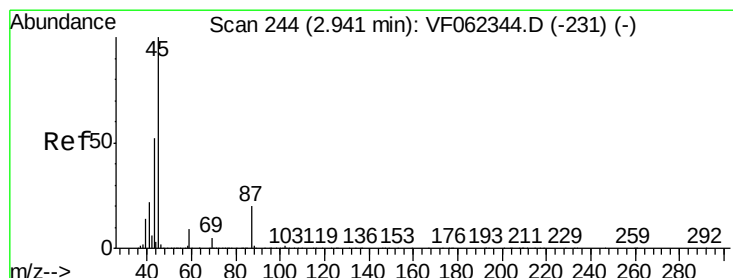
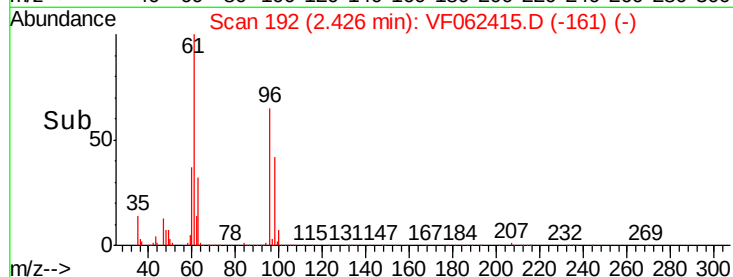
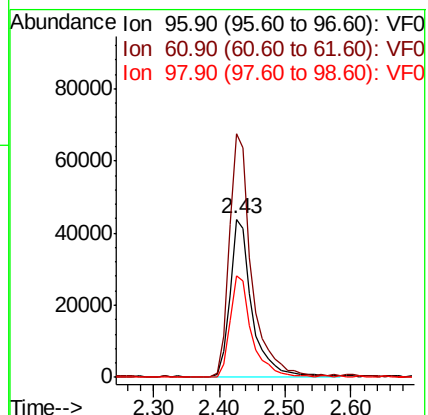
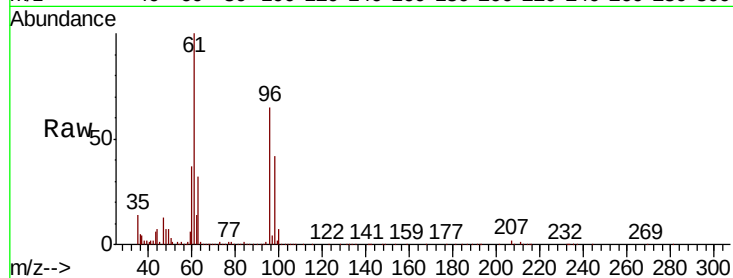
Tgt Ion: 96 Resp: 100746

Ion Ratio Lower Upper

96 100

61 154.8 133.2 199.8

98 64.1 53.1 79.7



#22

Diisopropyl ether

Concen: 43.020 ug/l

RT: 2.94 min Scan# 244

Delta R.T. -0.00 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Tgt Ion: 45 Resp: 296431

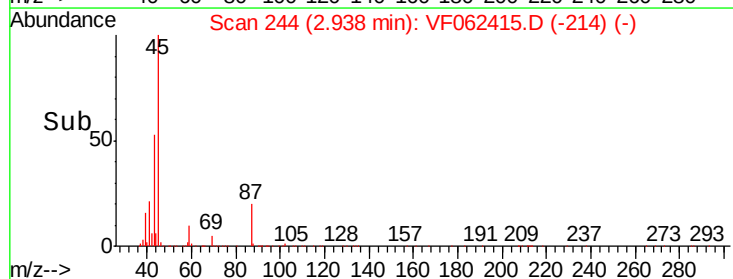
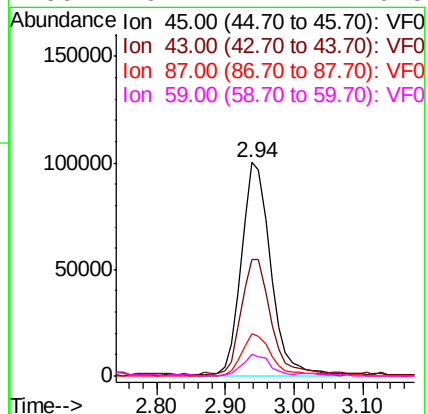
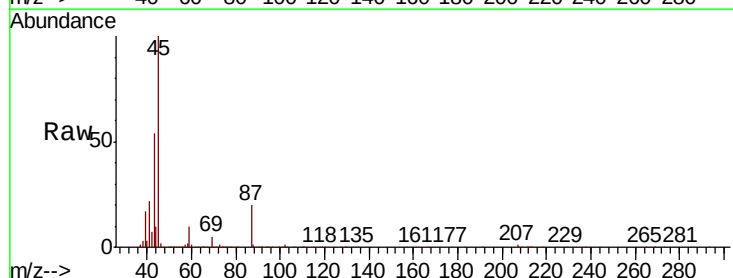
Ion Ratio Lower Upper

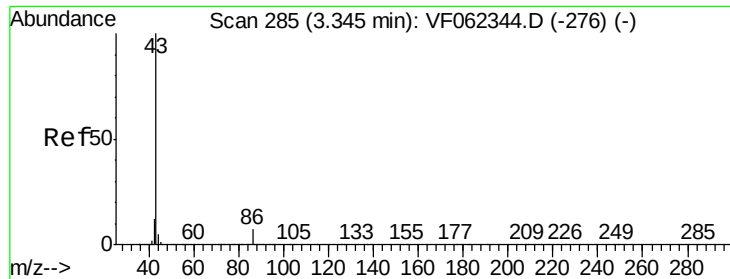
45 100

43 53.7 41.4 62.0

87 19.7 15.8 23.6

59 10.1 7.2 10.8





#23

Vinyl Acetate

Concen: 214.635 ug/l

RT: 3.35 min Scan# 286

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

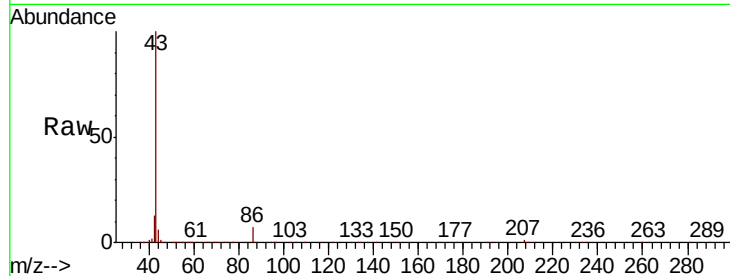
VSTDCCC050

Tgt Ion: 43 Resp: 659150

Ion Ratio Lower Upper

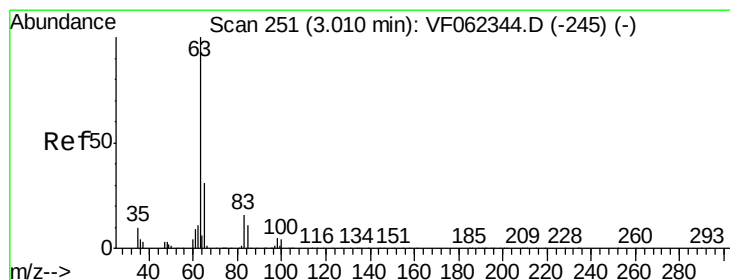
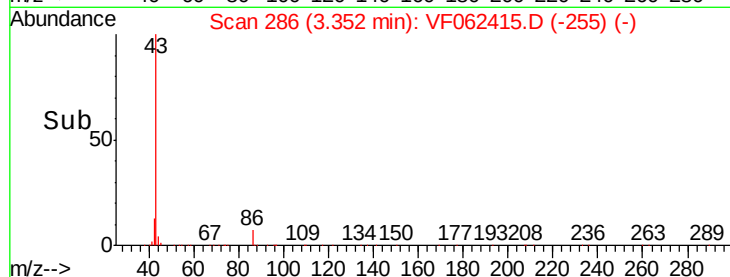
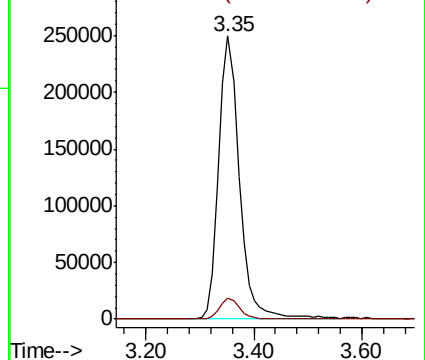
43 100

86 7.4 5.7 8.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 46.702 ug/l

RT: 3.02 min Scan# 252

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

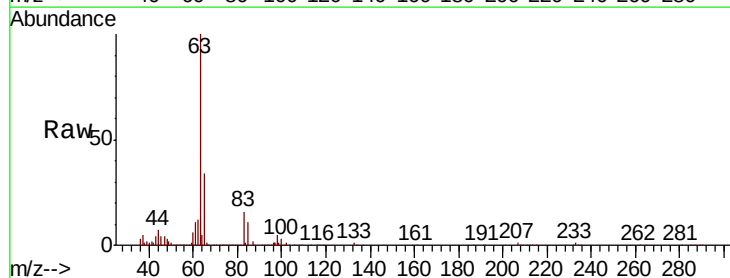
Tgt Ion: 63 Resp: 194491

Ion Ratio Lower Upper

63 100

98 4.6 2.6 8.0

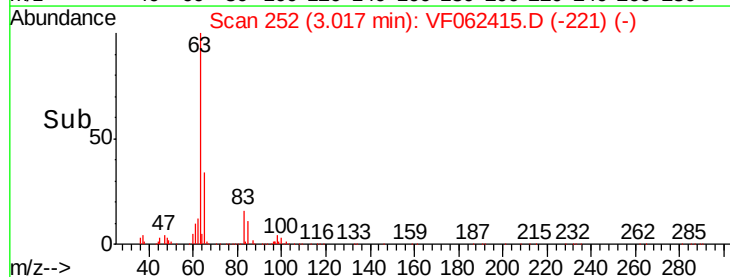
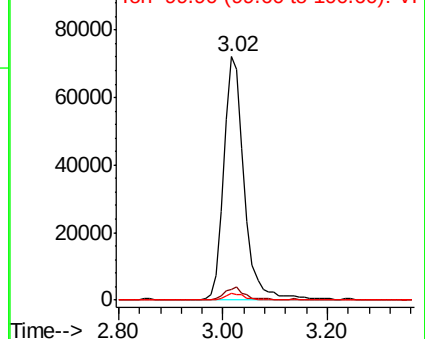
100 2.9 1.8 5.4

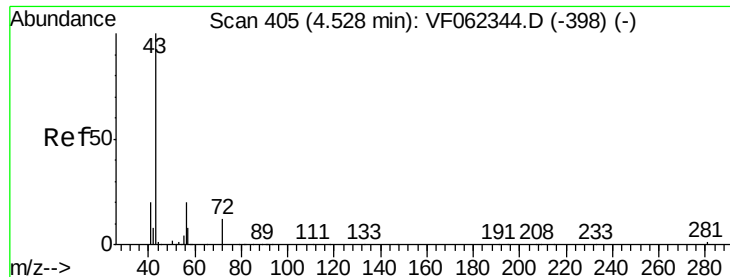


Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 97.90 (97.60 to 98.60): VF0

Ion 99.90 (99.60 to 100.60): VF0





#25

2-Butanone

Concen: 235.171 ug/l

RT: 4.53 min Scan# 405

Delta R.T. -0.00 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

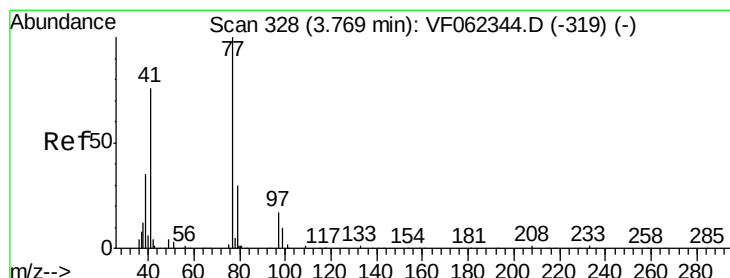
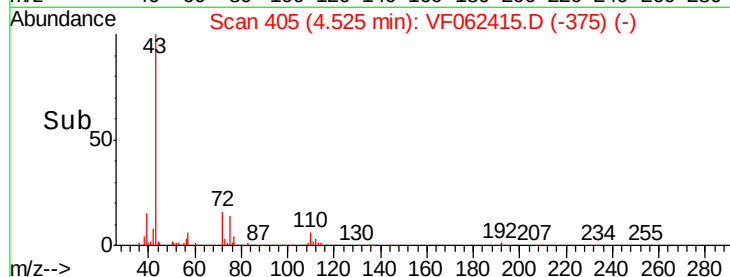
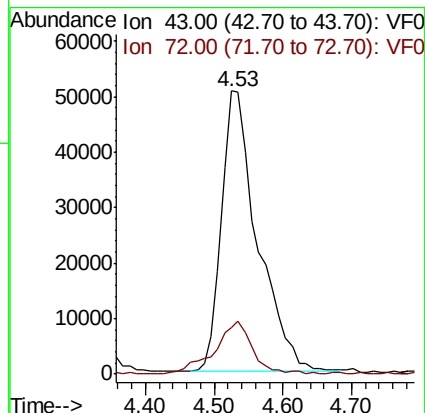
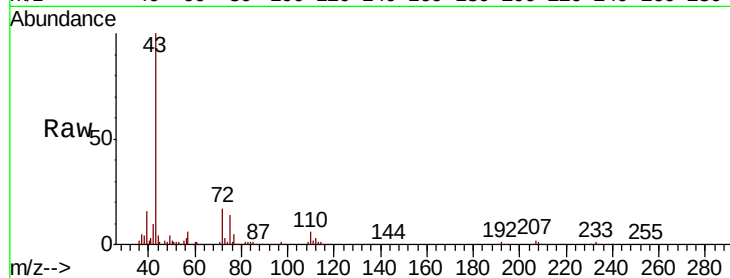
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 183868

Ion Ratio Lower Upper

43 100

72 16.3 14.2 21.4



#26

2,2-Dichloropropane

Concen: 52.749 ug/l

RT: 3.79 min Scan# 330

Delta R.T. 0.02 min

Lab File: VF062415.D

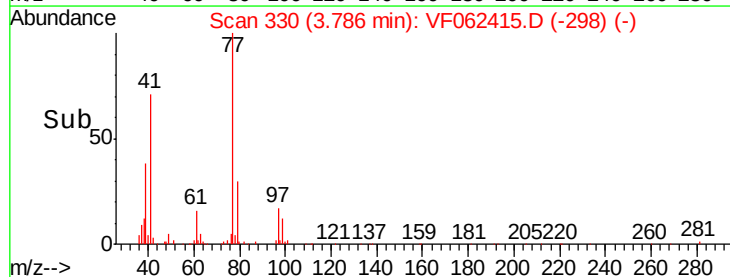
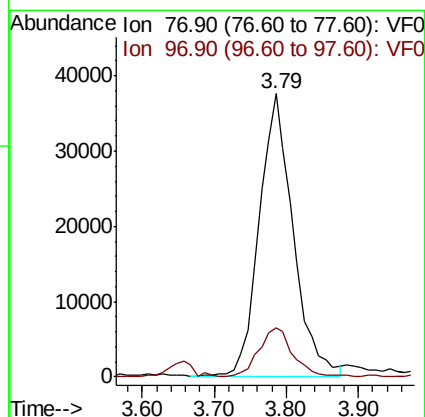
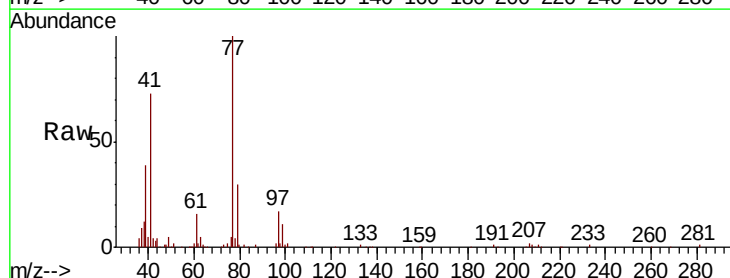
Acq: 10 May 2019 10:40

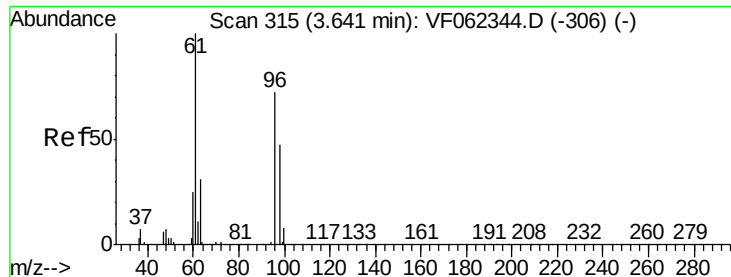
Tgt Ion: 77 Resp: 122675

Ion Ratio Lower Upper

77 100

97 17.8 9.5 28.5





#27

cis-1,2-Dichloroethene

Concen: 44.717 ug/l

RT: 3.66 min Scan# 317

Delta R.T. 0.02 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

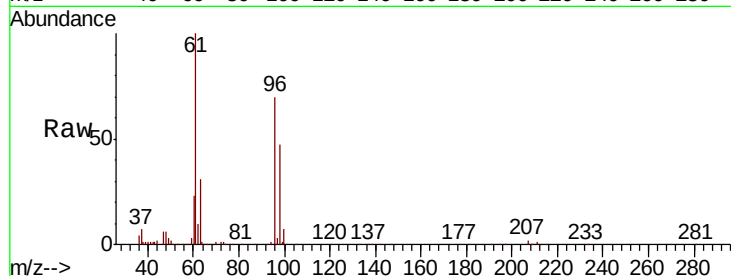
Tgt Ion: 96 Resp: 132916

Ion Ratio Lower Upper

96 100

61 139.7 0.0 263.0

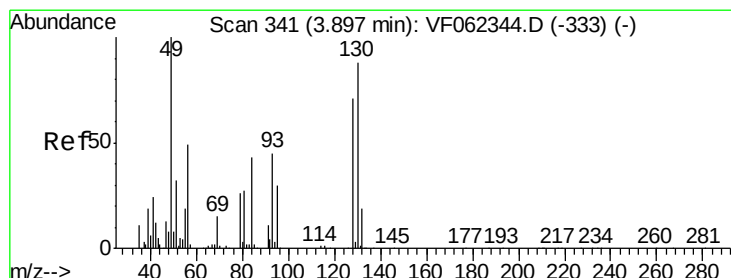
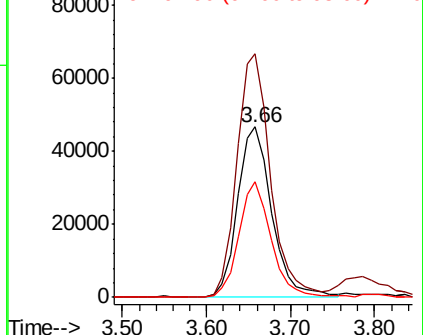
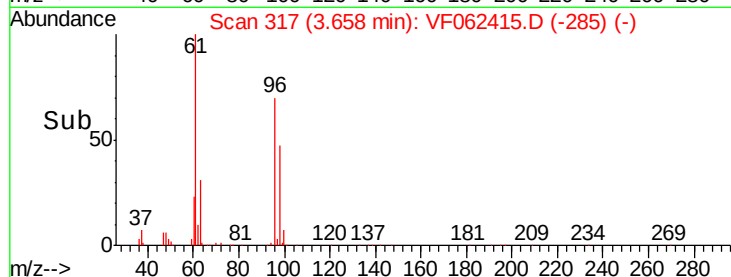
98 64.1 0.0 130.8



Abundance Ion 95.90 (95.60 to 96.60): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 97.90 (97.60 to 98.60): VF0



#28

Bromochloromethane

Concen: 51.274 ug/l

RT: 3.91 min Scan# 343

Delta R.T. 0.02 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

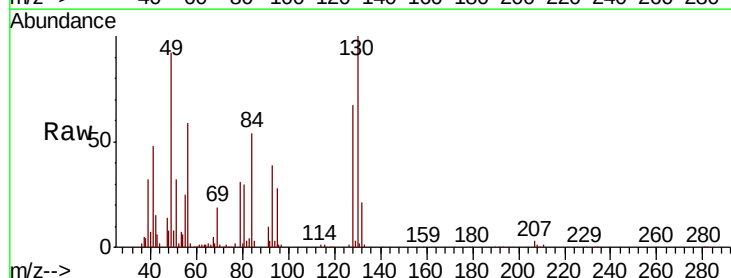
Tgt Ion: 49 Resp: 96841

Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.2

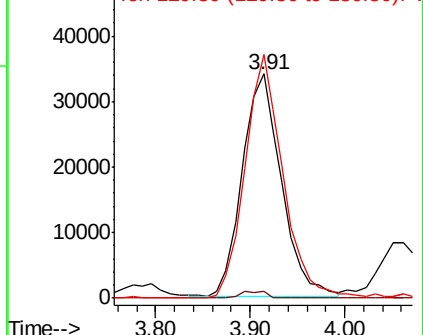
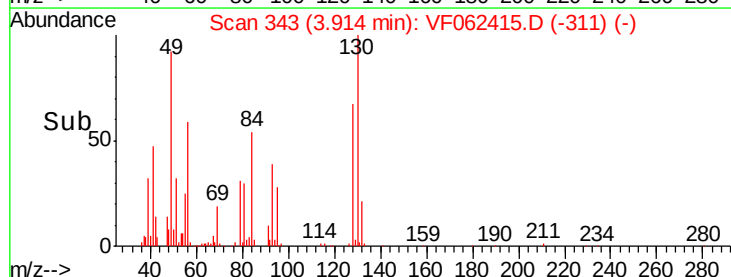
130 107.2 79.4 119.0

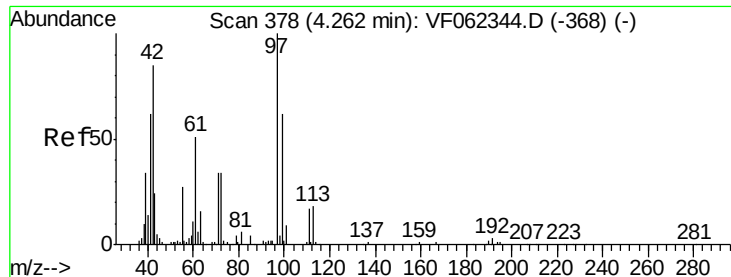


Abundance Ion 48.90 (48.60 to 49.60): VF0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 176.157 ug/l

RT: 4.28 min Scan# 380

Delta R.T. 0.02 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

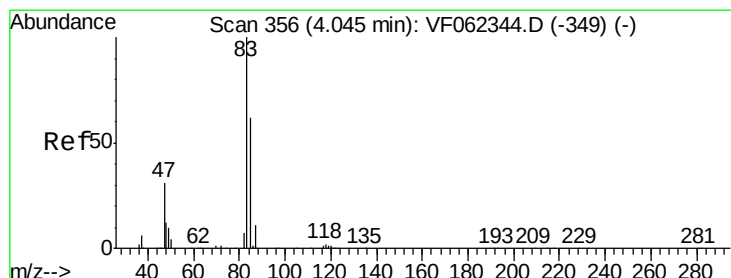
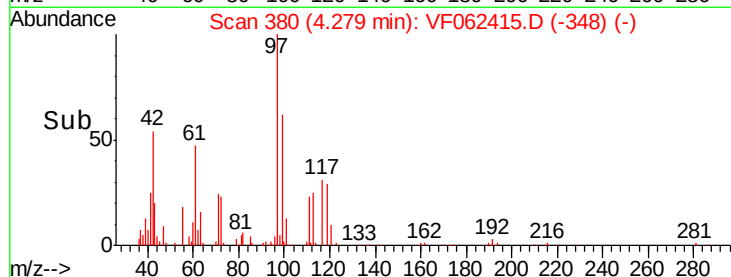
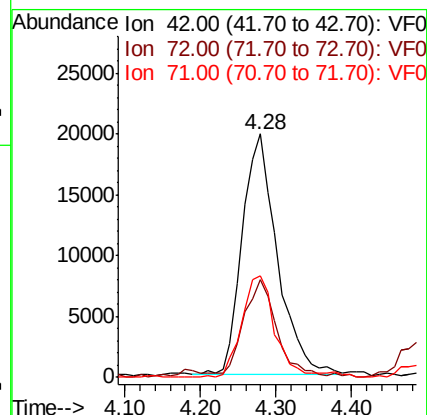
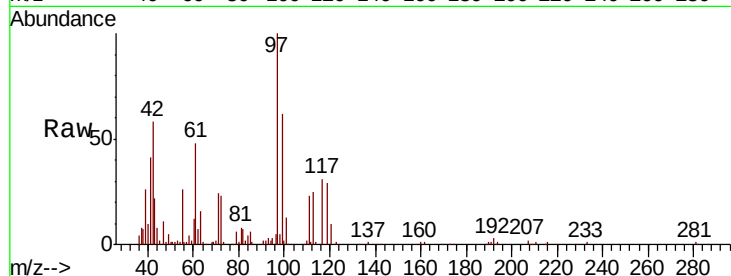
Tgt Ion: 42 Resp: 63299

Ion Ratio Lower Upper

42 100

72 37.3 31.4 47.0

71 39.6 31.7 47.5



#30

Chloroform

Concen: 46.298 ug/l

RT: 4.06 min Scan# 358

Delta R.T. 0.02 min

Lab File: VF062415.D

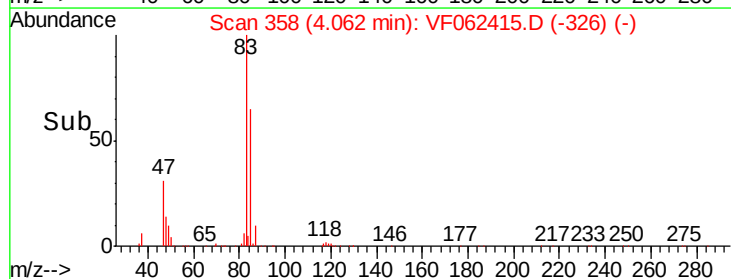
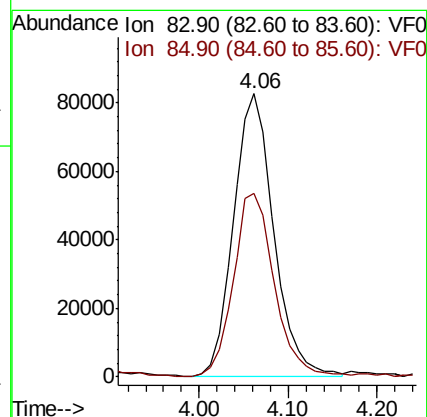
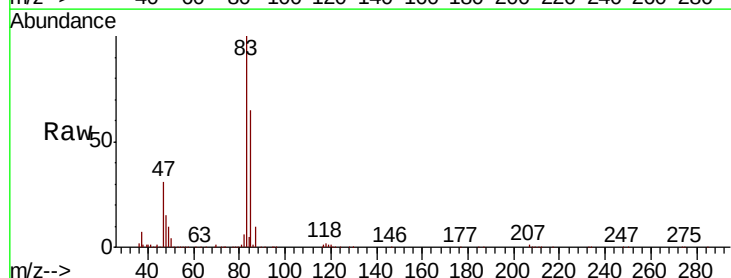
Acq: 10 May 2019 10:40

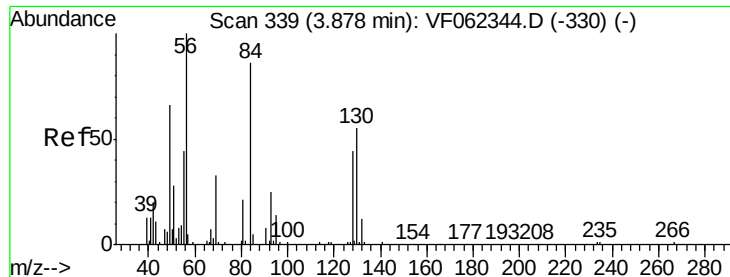
Tgt Ion: 83 Resp: 260480

Ion Ratio Lower Upper

83 100

85 64.6 49.6 74.4

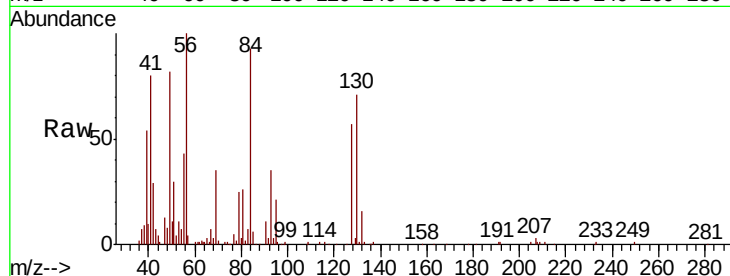




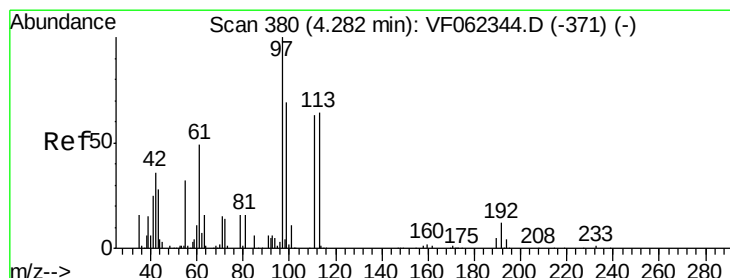
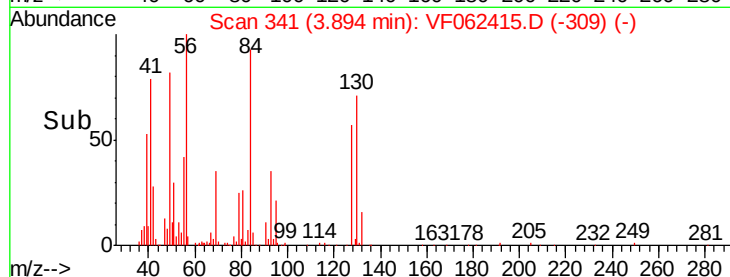
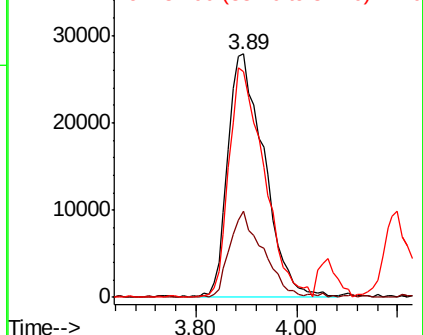
#31
Cyclohexane
Concen: 42.081 ug/l
RT: 3.89 min Scan# 341
Delta R.T. 0.02 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 139878
Ion Ratio Lower Upper
56 100
69 35.2 26.4 39.6
84 92.5 69.0 103.6

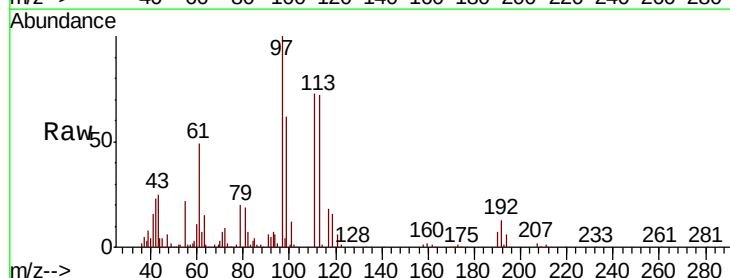


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

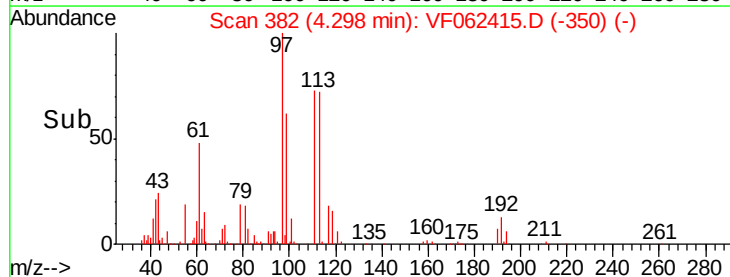
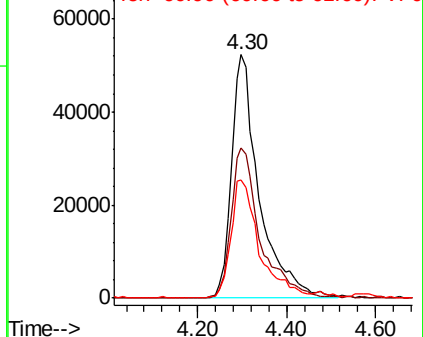


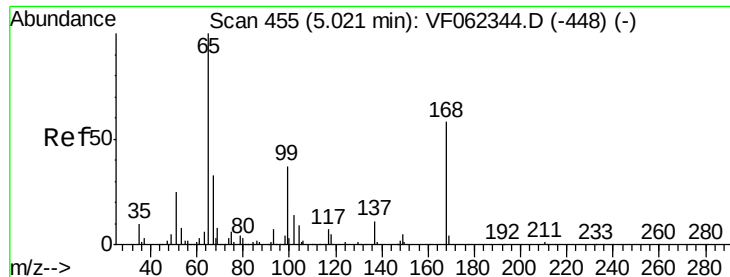
#32
1,1,1-Trichloroethane
Concen: 47.034 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.02 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Tgt Ion: 97 Resp: 226799
Ion Ratio Lower Upper
97 100
99 65.1 52.6 78.8
61 50.3 39.4 59.0



Abundance Ion 96.90 (96.60 to 97.60): VF0
Ion 98.90 (98.60 to 99.60): VF0
Ion 60.90 (60.60 to 61.60): VF0

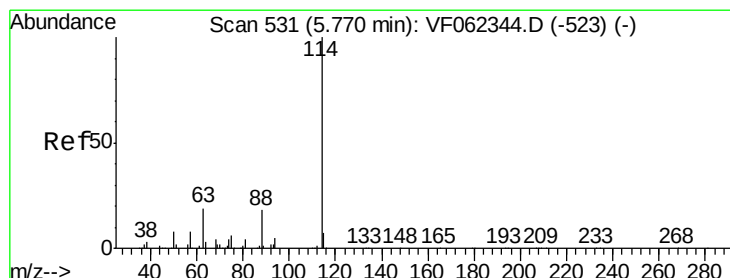
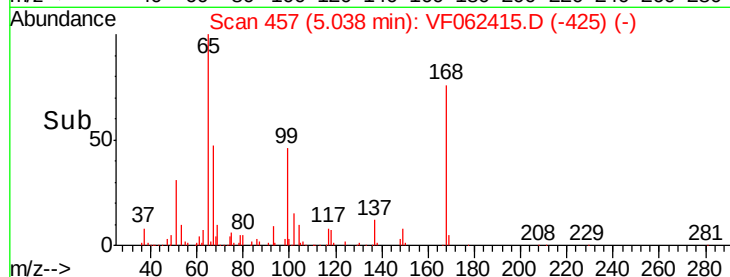
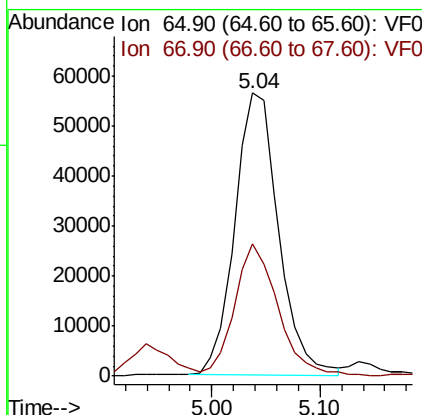
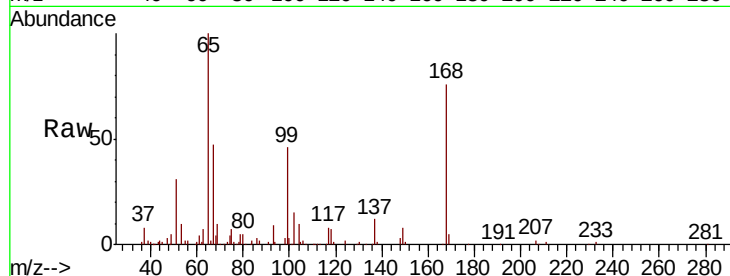




#33
 1,2-Dichloroethane-d4
 Concen: 51.838 ug/l
 RT: 5.04 min Scan# 457
 Delta R.T. 0.02 min
 Lab File: VF062415.D
 Acq: 10 May 2019 10:40

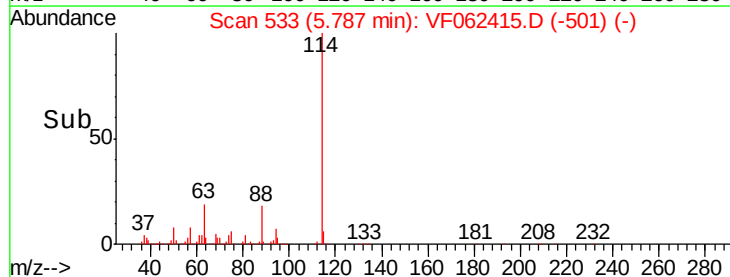
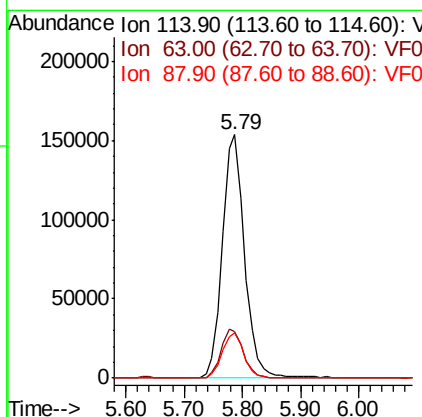
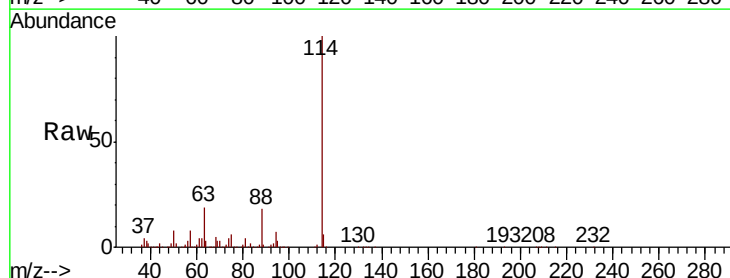
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

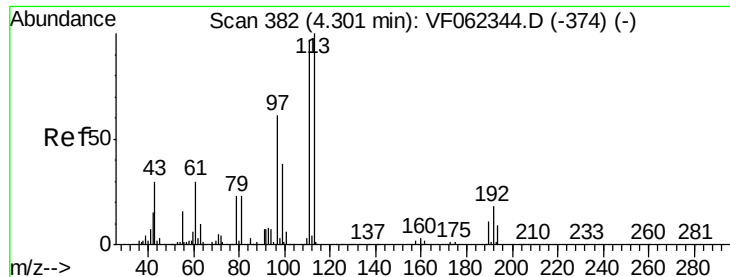
Tgt Ion: 65 Resp: 159473
 Ion Ratio Lower Upper
 65 100
 67 45.8 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VF062415.D
 Acq: 10 May 2019 10:40

Tgt Ion: 114 Resp: 407078
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.4
 88 18.3 0.0 36.4

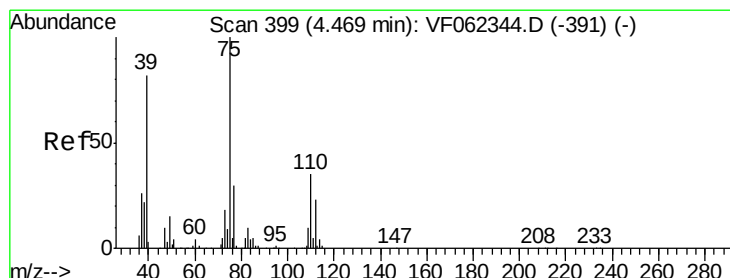
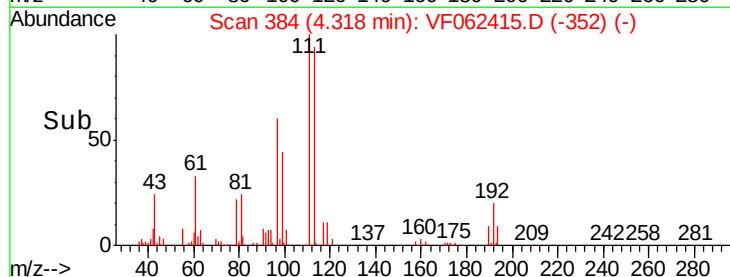
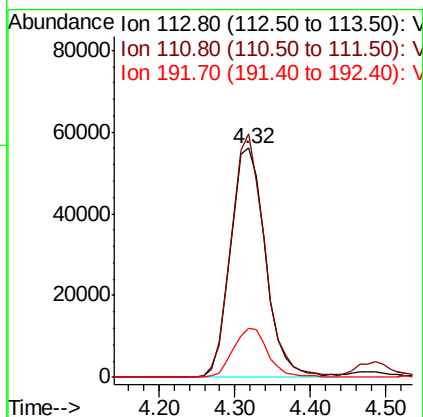
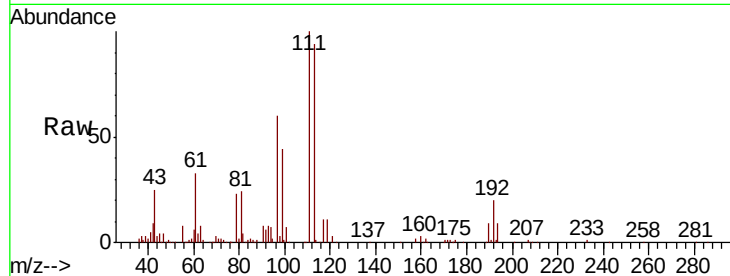




#35
 Dibromofluoromethane
 Concen: 55.576 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.02 min
 Lab File: VF062415.D
 Acq: 10 May 2019 10:40

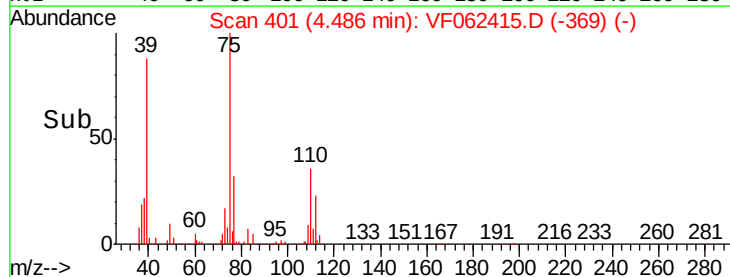
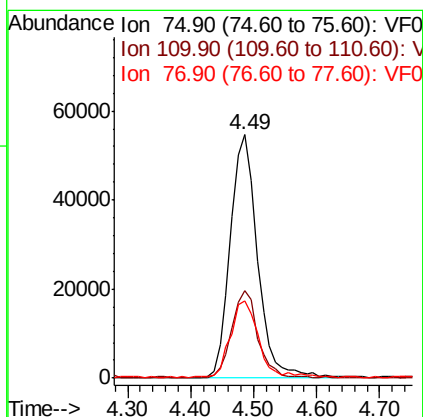
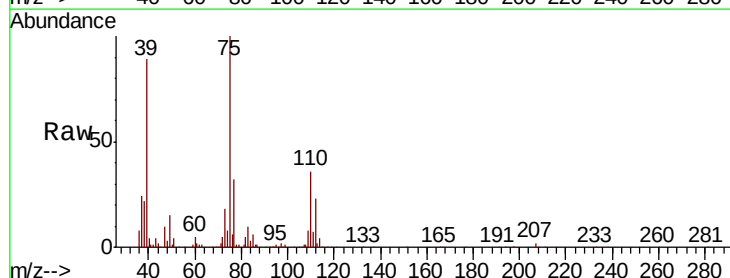
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

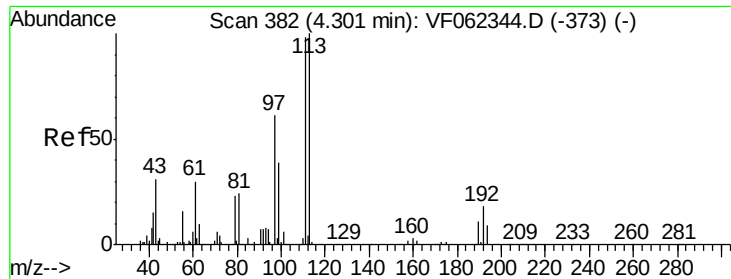
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	79.4	119.0
192	21.3	16.0	24.0



#36
 1,1-Dichloropropene
 Concen: 46.845 ug/l
 RT: 4.49 min Scan# 401
 Delta R.T. 0.02 min
 Lab File: VF062415.D
 Acq: 10 May 2019 10:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.2	51.5
77	32.7	25.2	37.8

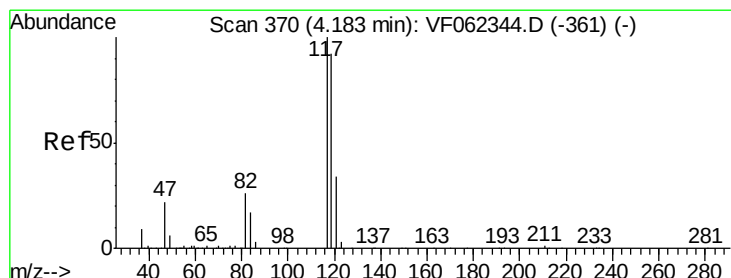
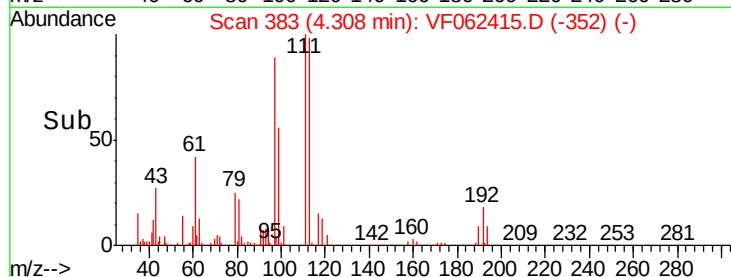
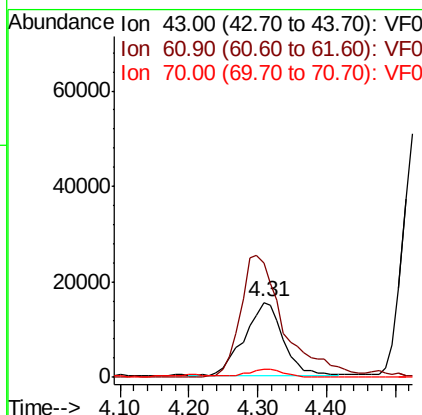
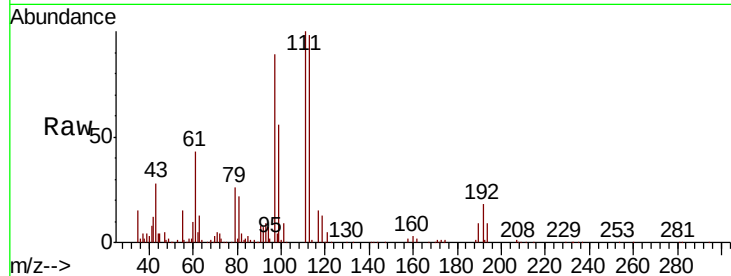




#37
Ethyl Acetate
Concen: 44.377 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

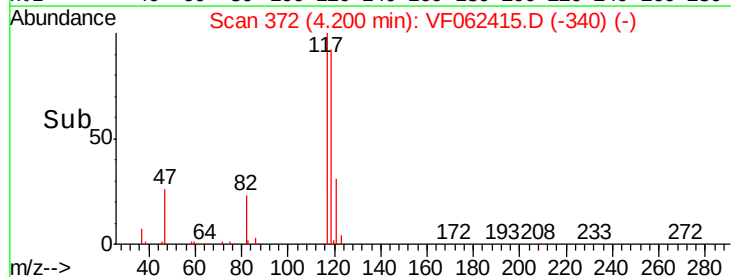
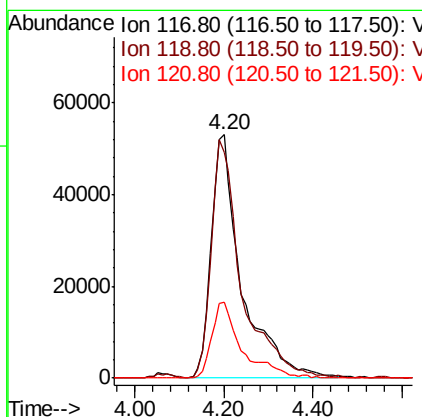
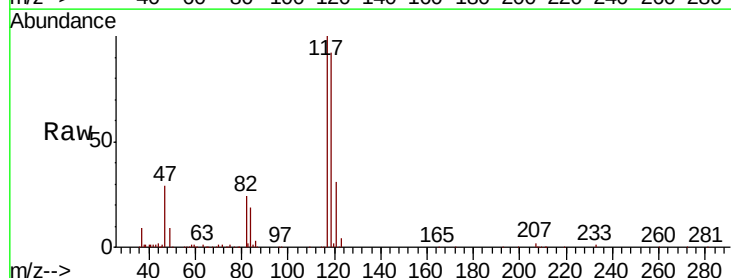
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

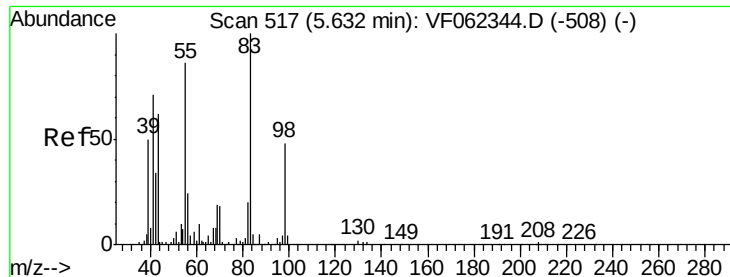
Tgt Ion: 43 Resp: 61236
Ion Ratio Lower Upper
43 100
61 186.3 0.0 0.0#
70 9.9 8.2 12.2



#38
Carbon Tetrachloride
Concen: 70.605 ug/l
RT: 4.20 min Scan# 372
Delta R.T. 0.02 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Tgt Ion: 117 Resp: 251939
Ion Ratio Lower Upper
117 100
119 92.4 73.4 110.2
121 31.2 27.4 41.0

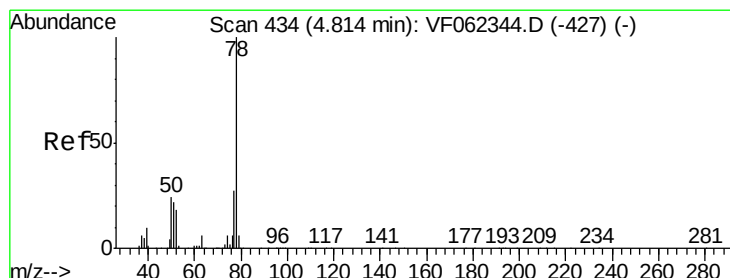
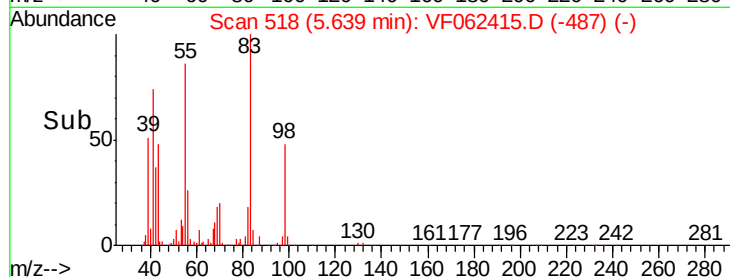
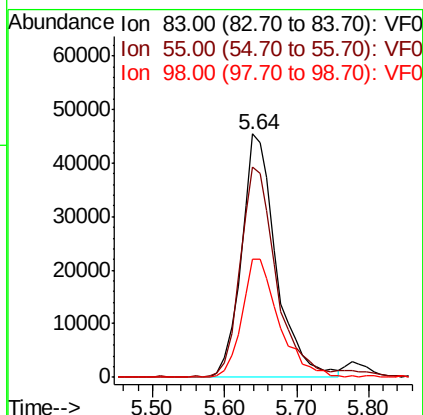
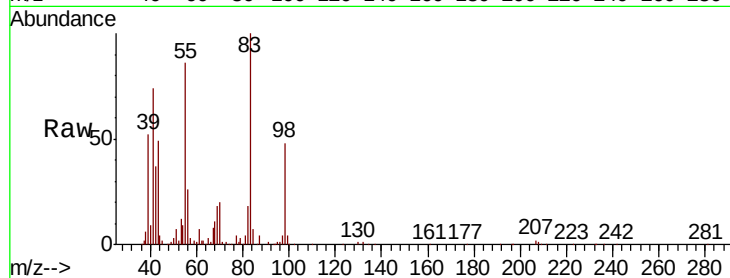




#39
Methylcyclohexane
Concen: 43.408 ug/l
RT: 5.64 min Scan# 518
Delta R.T. 0.01 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

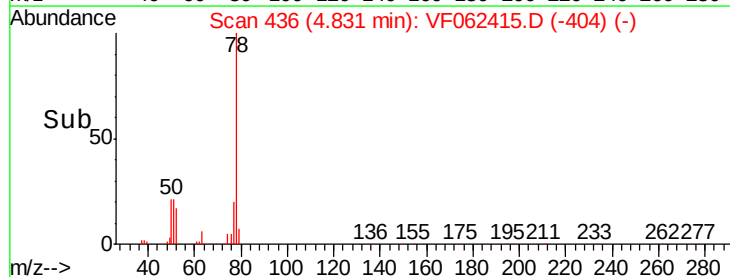
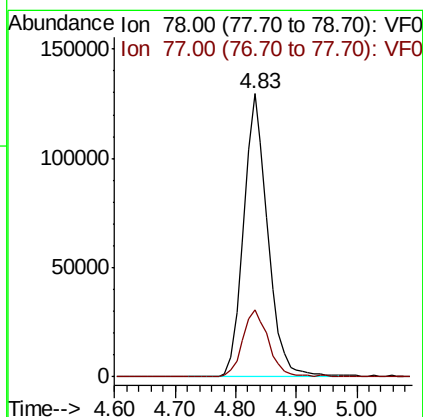
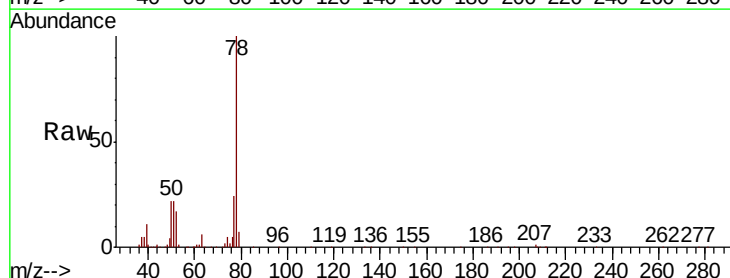
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

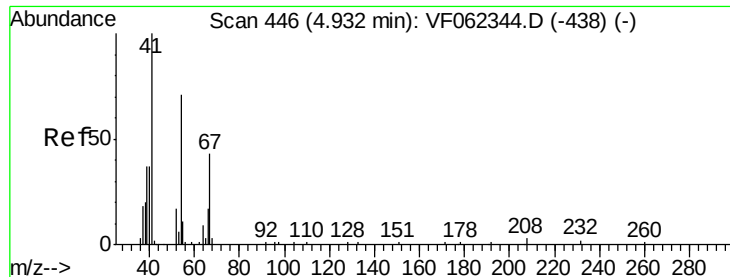
Tgt Ion: 83 Resp: 152237
Ion Ratio Lower Upper
83 100
55 86.0 69.0 103.6
98 48.4 38.6 58.0



#40
Benzene
Concen: 46.397 ug/l
RT: 4.83 min Scan# 436
Delta R.T. 0.02 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Tgt Ion: 78 Resp: 357282
Ion Ratio Lower Upper
78 100
77 23.5 21.6 32.4

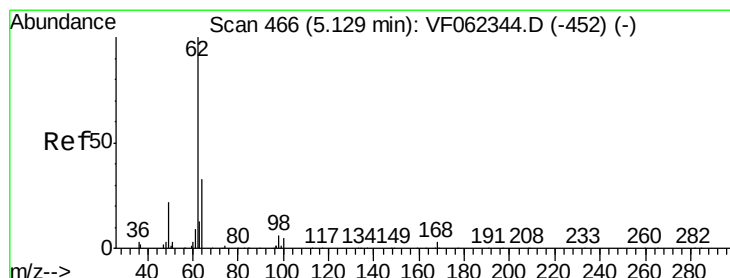
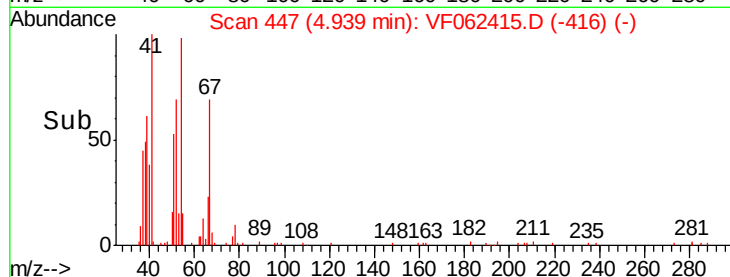
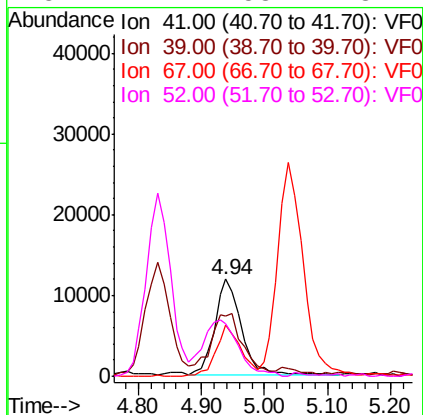
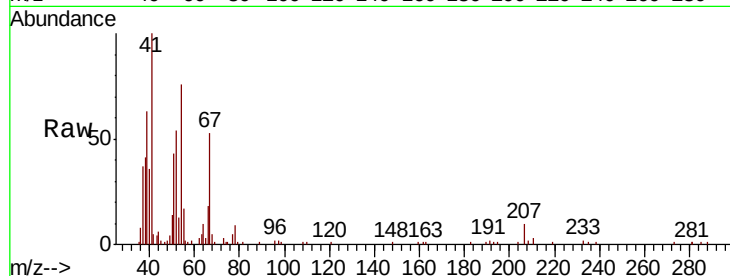




#41
Methacrylonitrile
Concen: 41.987 ug/l
RT: 4.94 min Scan# 447
Delta R.T. 0.01 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

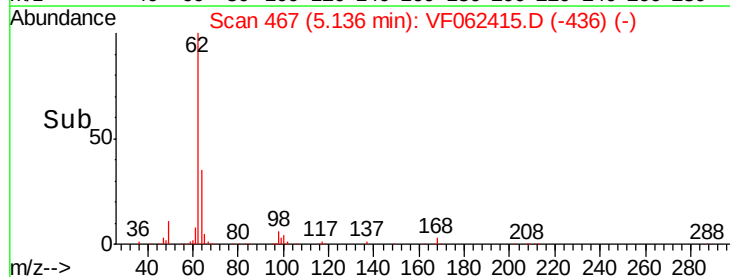
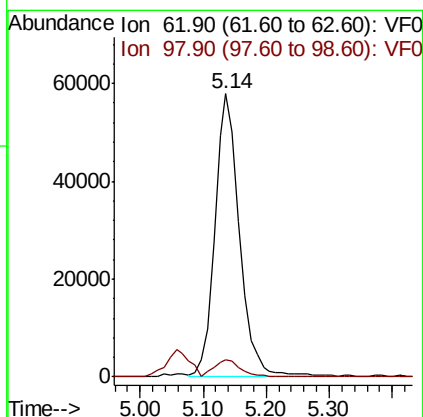
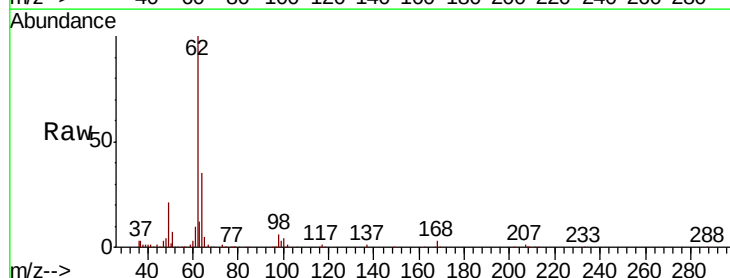
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

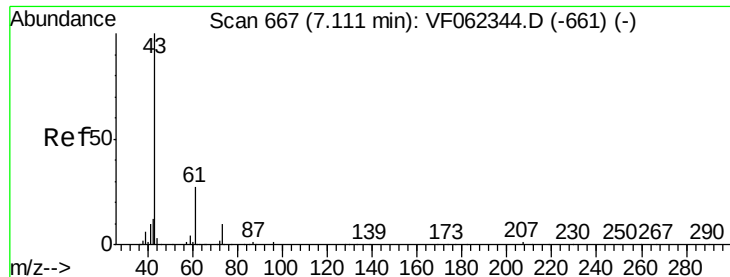
Tgt Ion:	41	Resp:	35206
Ion	Ratio	Lower	Upper
41	100		
39	75.3	54.3	81.5
67	50.1	37.8	56.8
52	77.4	58.2	87.4



#42
1,2-Dichloroethane
Concen: 48.694 ug/l
RT: 5.14 min Scan# 467
Delta R.T. 0.01 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Tgt Ion:	62	Resp:	156826
Ion	Ratio	Lower	Upper
62	100		
98	6.8	0.0	12.4





#43

Isopropyl Acetate

Concen: 41.049 ug/l

RT: 7.12 min Scan# 668

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

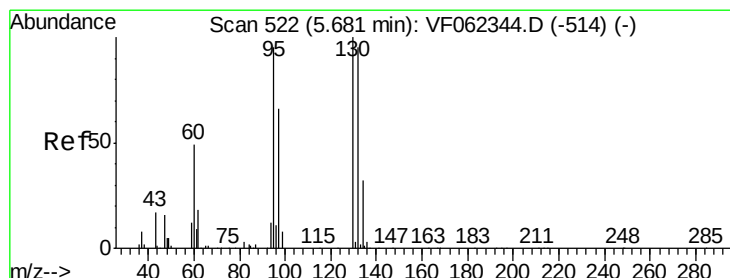
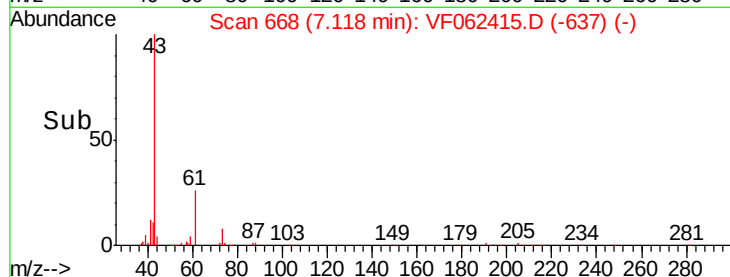
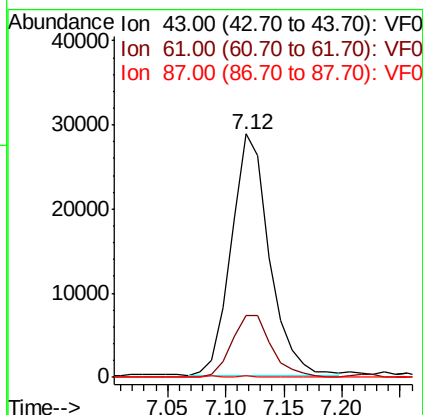
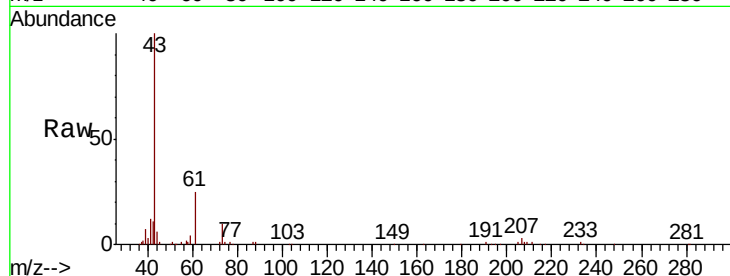
Tgt Ion: 43 Resp: 65292

Ion Ratio Lower Upper

43 100

61 26.8 22.8 34.2

87 0.2 0.6 1.0#



#44

Trichloroethene

Concen: 46.893 ug/l

RT: 5.69 min Scan# 523

Delta R.T. 0.01 min

Lab File: VF062415.D

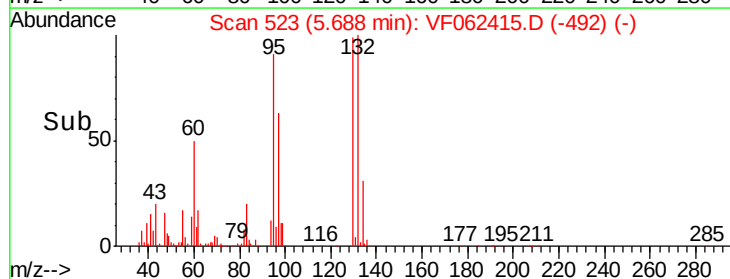
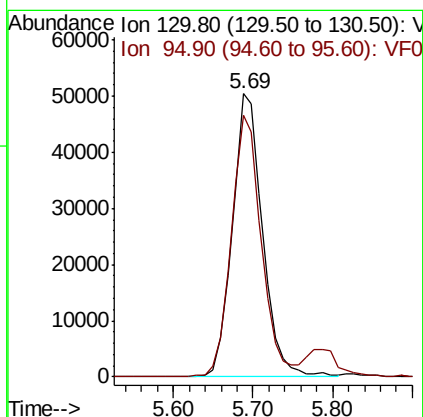
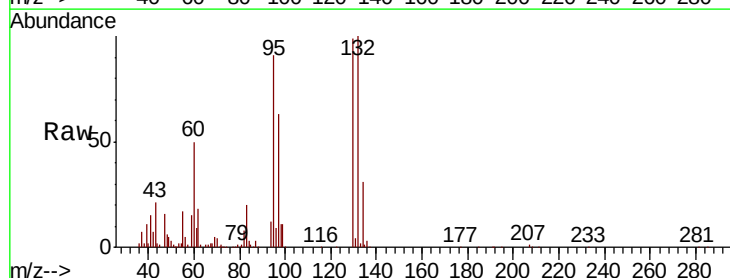
Acq: 10 May 2019 10:40

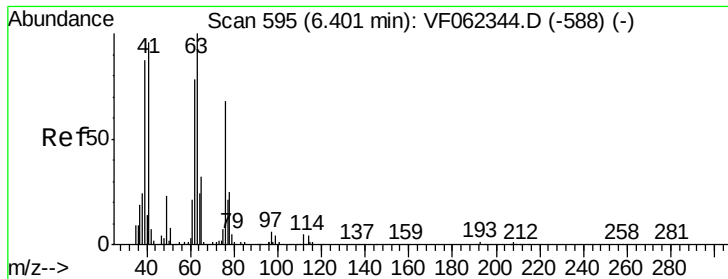
Tgt Ion: 130 Resp: 132650

Ion Ratio Lower Upper

130 100

95 92.4 0.0 189.0





#45

1,2-Dichloropropane

Concen: 49.747 ug/l

RT: 6.42 min Scan# 597

Delta R.T. 0.02 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

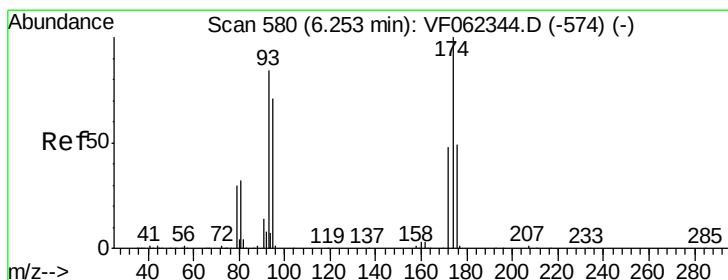
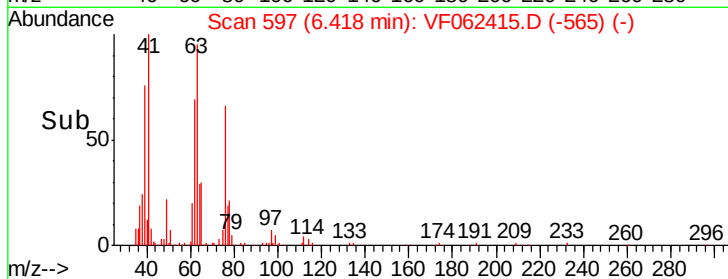
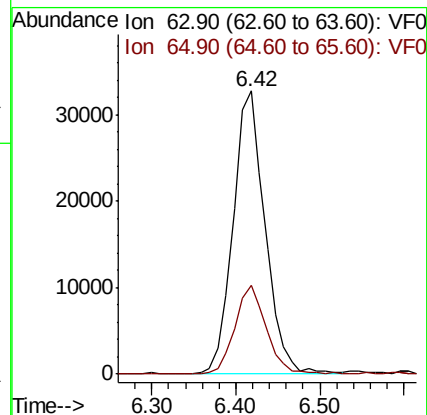
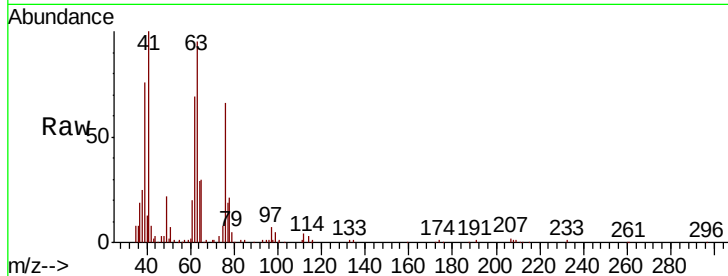
VSTDCCC050

Tgt Ion: 63 Resp: 86768

Ion Ratio Lower Upper

63 100

65 31.4 25.6 38.4



#46

Dibromomethane

Concen: 48.036 ug/l

RT: 6.27 min Scan# 582

Delta R.T. 0.02 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

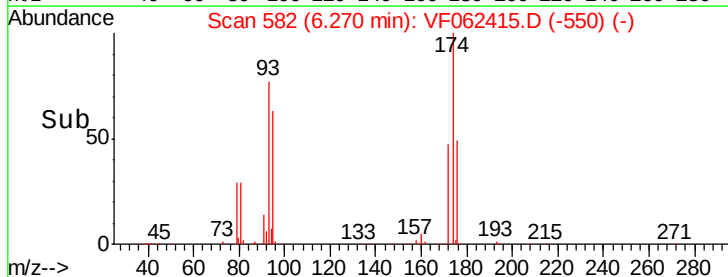
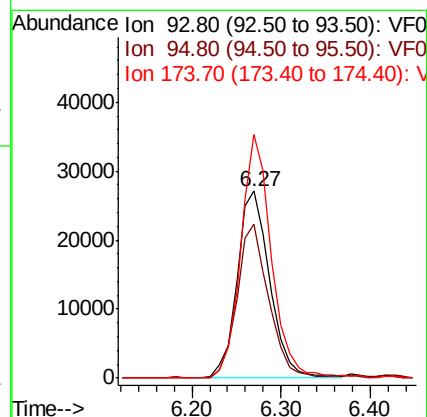
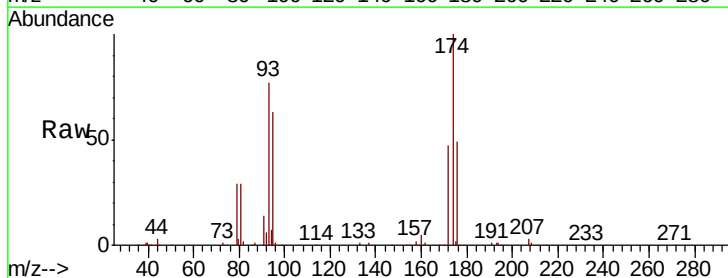
Tgt Ion: 93 Resp: 69467

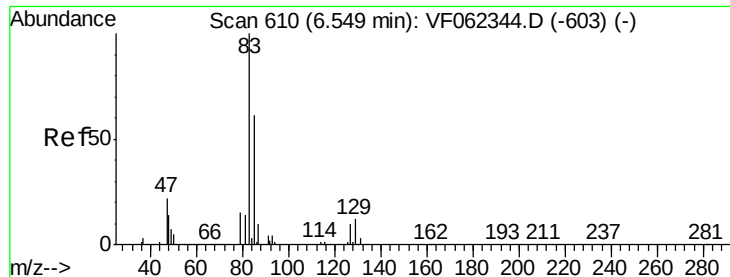
Ion Ratio Lower Upper

93 100

95 79.6 68.4 102.6

174 120.6 99.6 149.4





#47

Bromodichloromethane

Concen: 50.703 ug/l

RT: 6.56 min Scan# 611

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

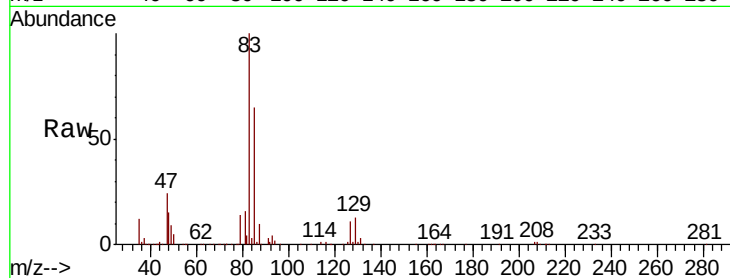
Tgt Ion: 83 Resp: 183322

Ion Ratio Lower Upper

83 100

85 65.0 49.1 73.7

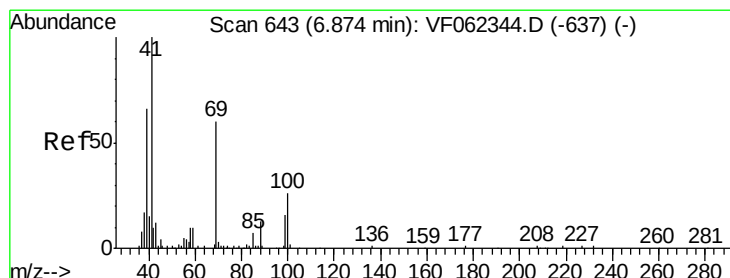
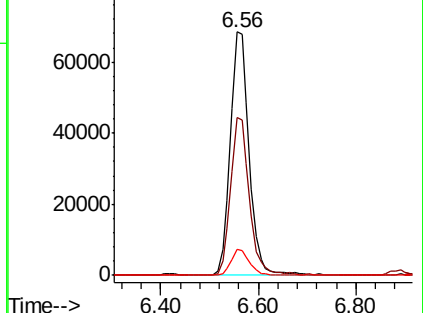
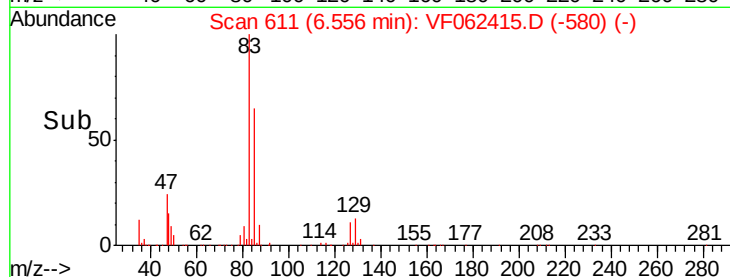
127 10.8 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 45.376 ug/l

RT: 6.88 min Scan# 644

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

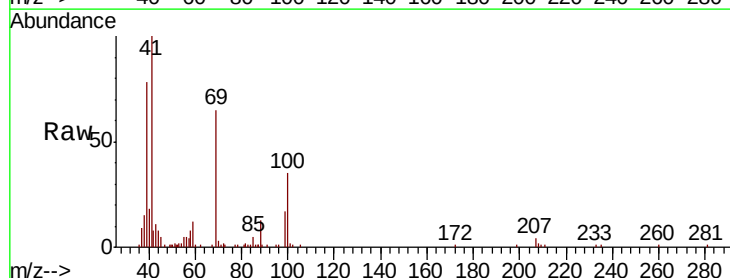
Tgt Ion: 41 Resp: 51005

Ion Ratio Lower Upper

41 100

69 63.3 48.6 72.8

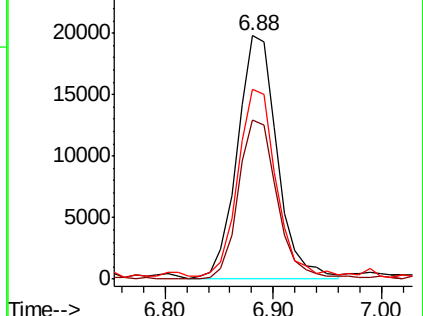
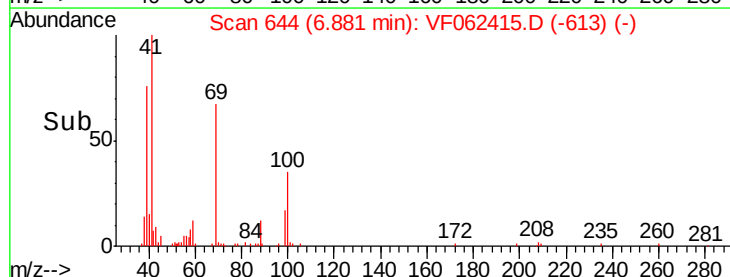
39 72.9 56.1 84.1

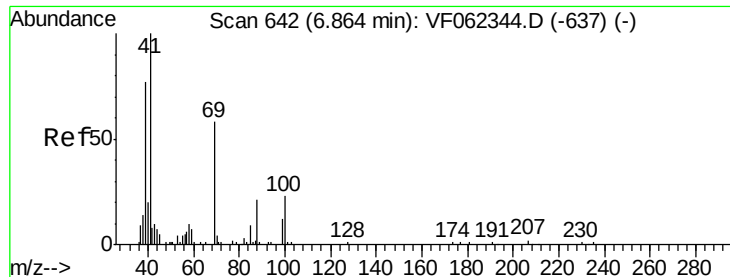


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

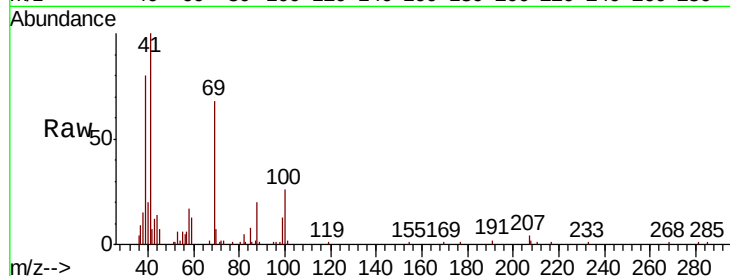




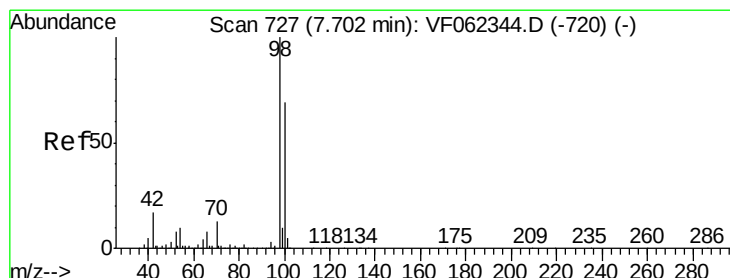
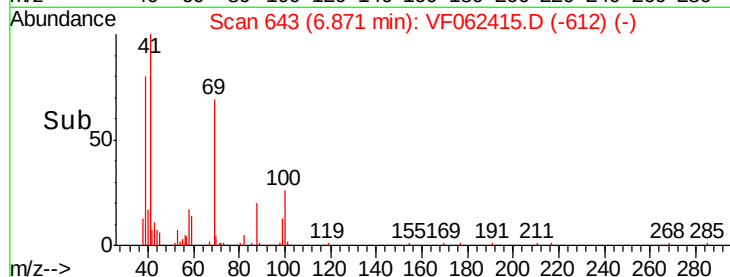
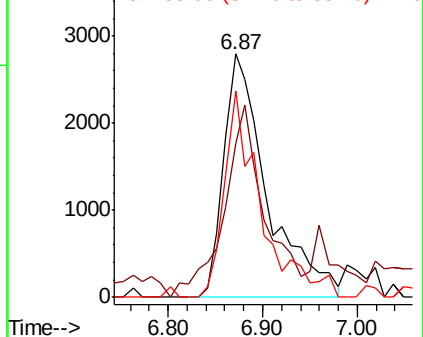
#49
1,4-Dioxane
Concen: 766.106 ug/l
RT: 6.87 min Scan# 643
Delta R.T. 0.01 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 8892
Ion Ratio Lower Upper
88 100
43 73.5 55.6 83.4
58 70.5 52.8 79.2

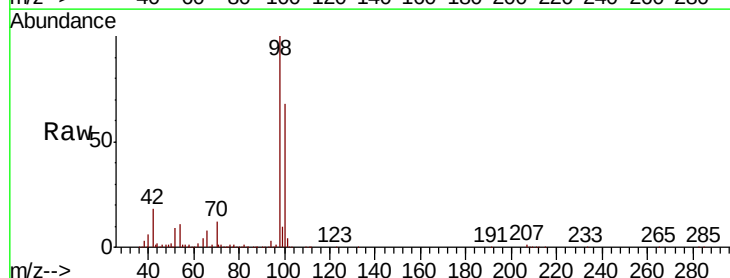


Abundance Ion 88.00 (87.70 to 88.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0

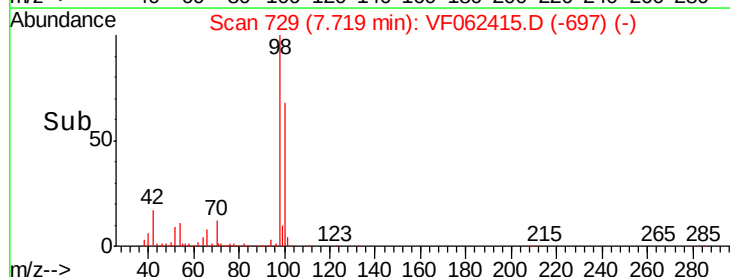
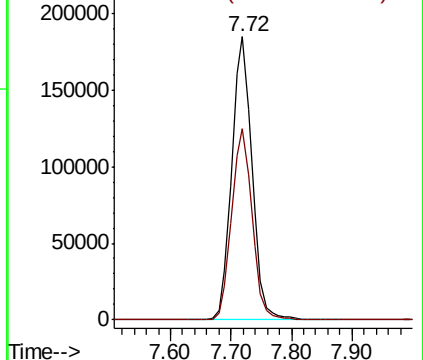


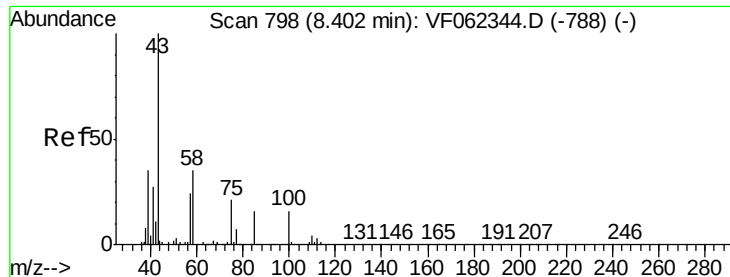
#50
Toluene-d8
Concen: 54.996 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Tgt Ion: 98 Resp: 431742
Ion Ratio Lower Upper
98 100
100 67.8 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 233.421 ug/l

RT: 8.41 min Scan# 799

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

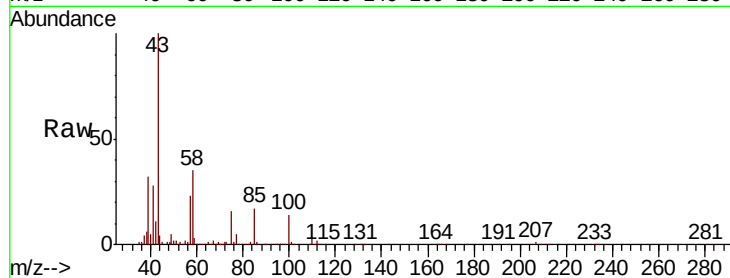
VSTDCCC050

Tgt Ion: 43 Resp: 281332

Ion Ratio Lower Upper

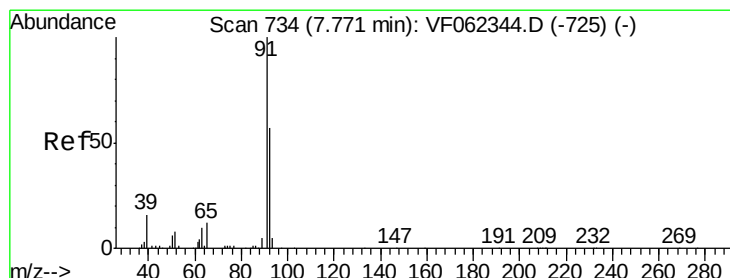
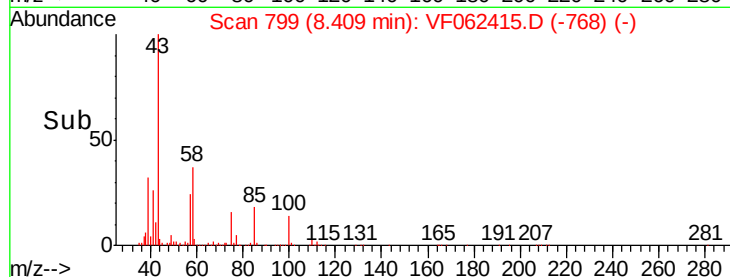
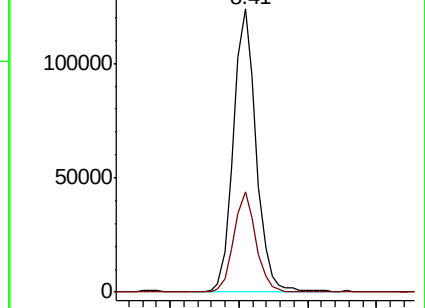
43 100

58 34.8 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 48.136 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.02 min

Lab File: VF062415.D

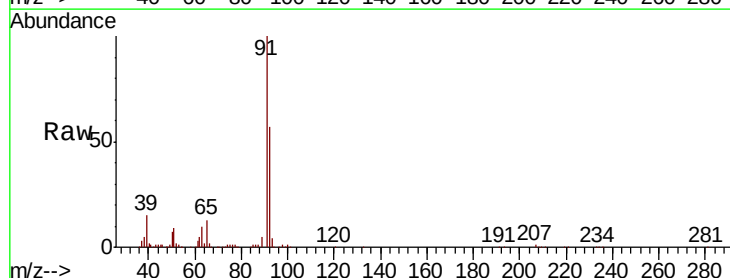
Acq: 10 May 2019 10:40

Tgt Ion: 92 Resp: 228671

Ion Ratio Lower Upper

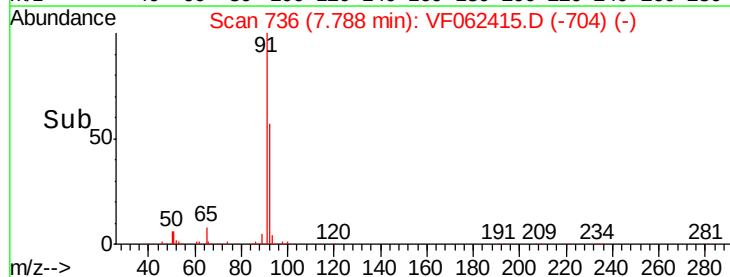
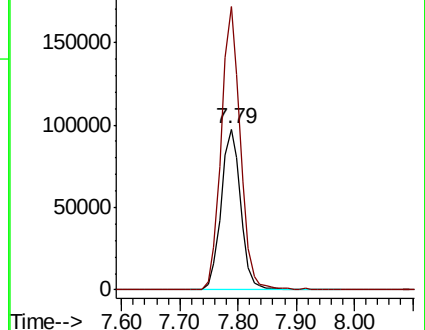
92 100

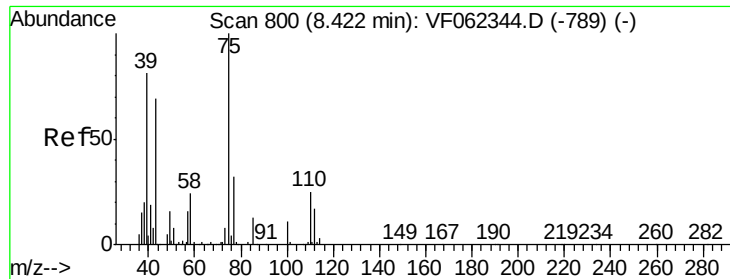
91 171.2 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 51.033 ug/l

RT: 8.43 min Scan# 801

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

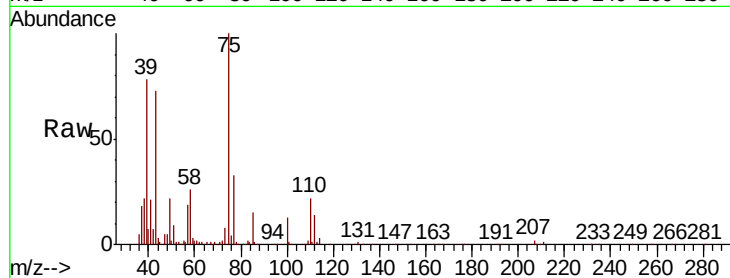
VSTDCCC050

Tgt Ion: 75 Resp: 139554

Ion Ratio Lower Upper

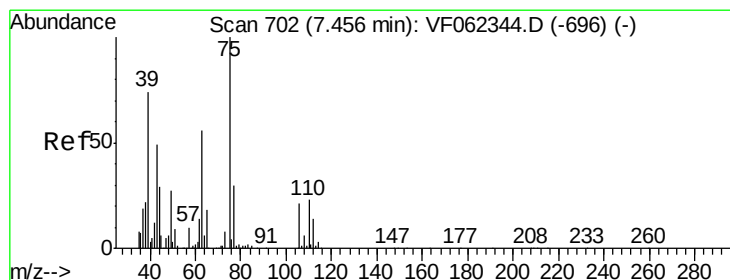
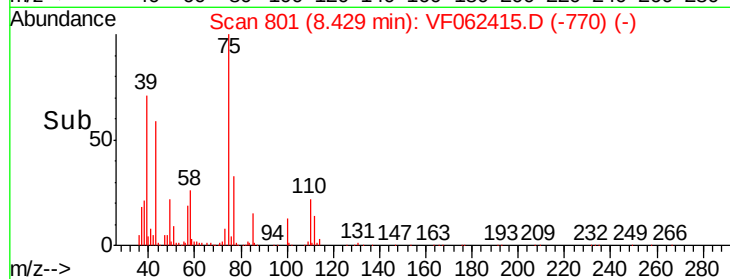
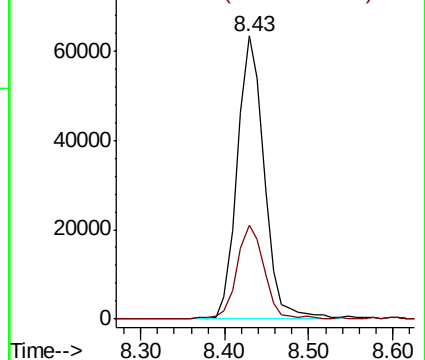
75 100

77 32.9 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 76.90 (76.60 to 77.60): VF0



#54

cis-1,3-Dichloropropene

Concen: 50.058 ug/l

RT: 7.46 min Scan# 703

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

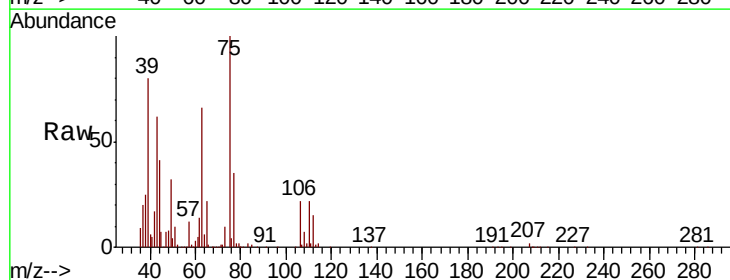
Tgt Ion: 75 Resp: 159312

Ion Ratio Lower Upper

75 100

77 34.9 24.0 36.0

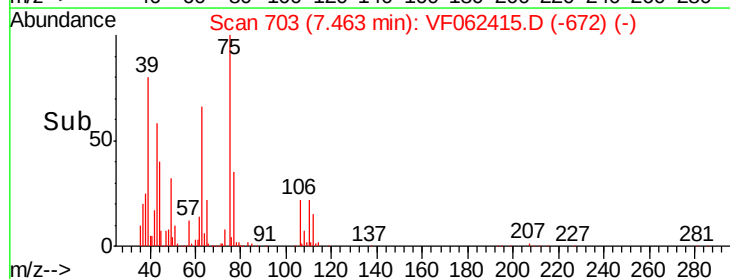
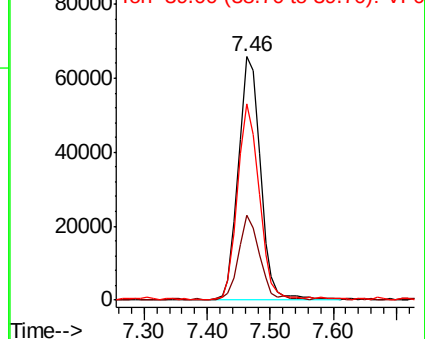
39 80.1 58.7 88.1

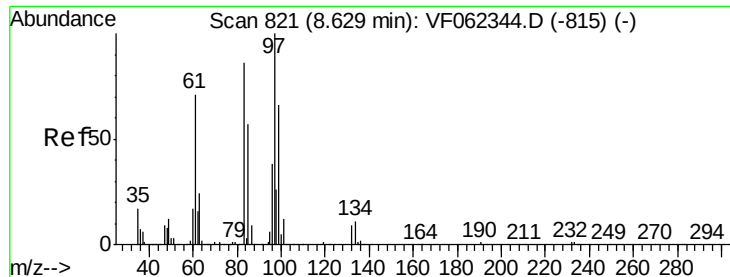


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 76.90 (76.60 to 77.60): VF0

Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 48.313 ug/l

RT: 8.65 min Scan# 823

Delta R.T. 0.02 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 72859

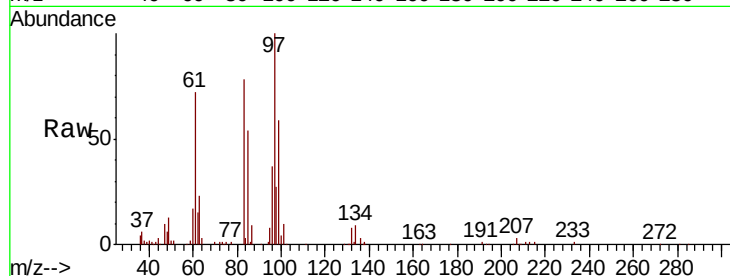
Ion Ratio Lower Upper

97 100

83 78.2 68.5 102.7

85 53.6 45.4 68.2

99 59.0 52.7 79.1

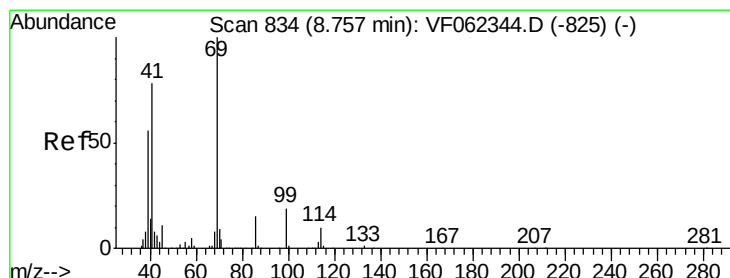
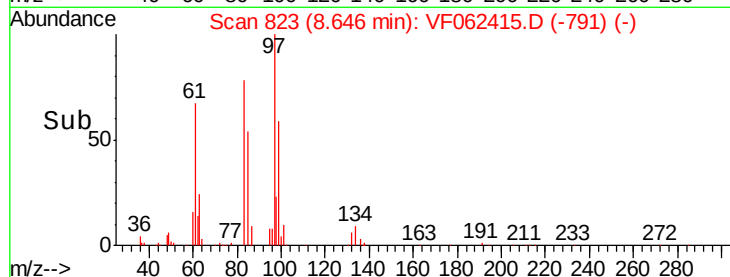
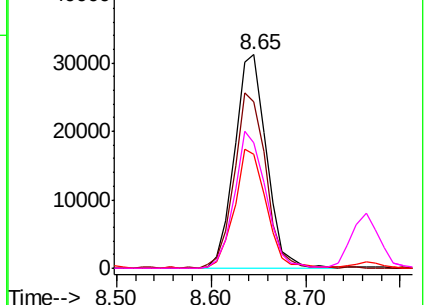


Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



#56

Ethyl methacrylate

Concen: 43.197 ug/l

RT: 8.76 min Scan# 835

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

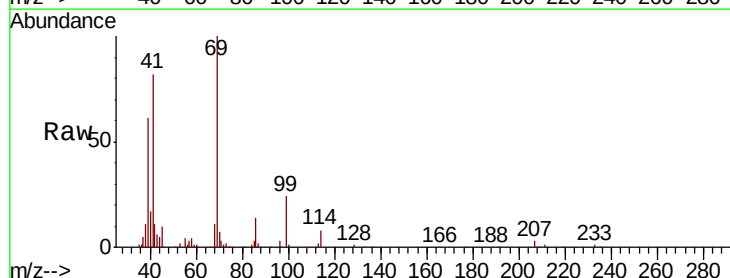
Tgt Ion: 69 Resp: 68765

Ion Ratio Lower Upper

69 100

41 82.6 66.3 99.5

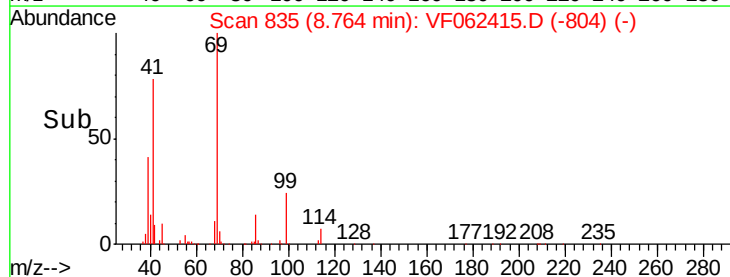
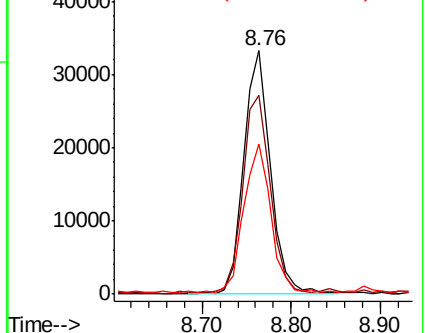
39 61.2 50.1 75.1

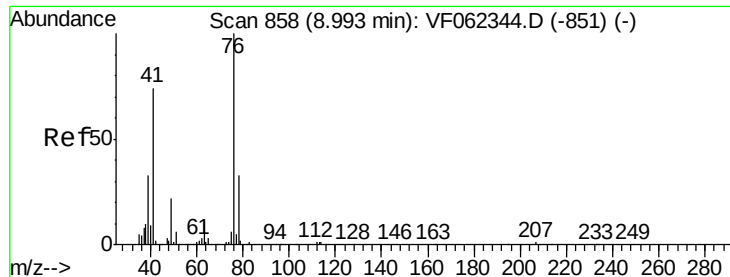


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 49.920 ug/l

RT: 9.00 min Scan# 859

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

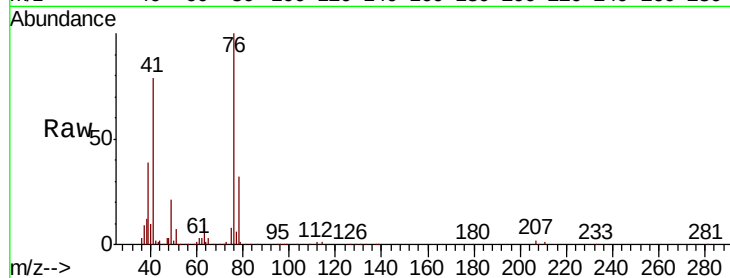
VSTDCCC050

Tgt Ion: 76 Resp: 113715

Ion Ratio Lower Upper

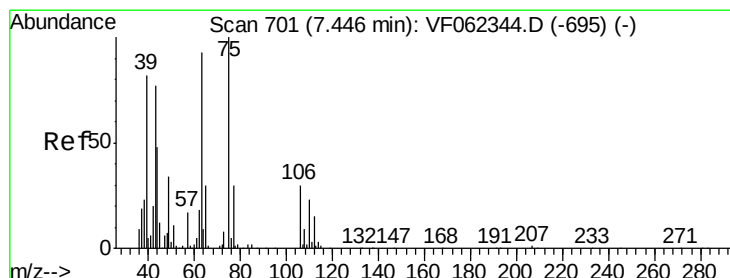
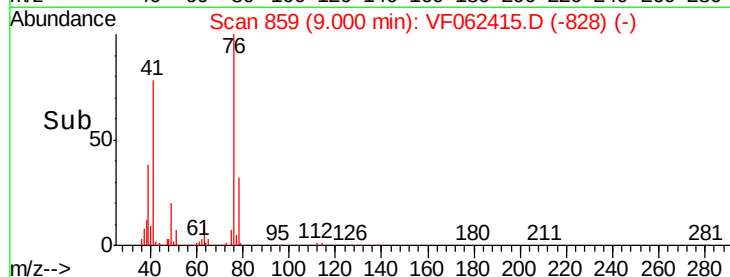
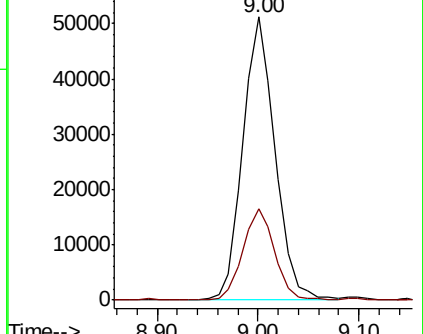
76 100

78 32.0 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VF0

Ion 77.90 (77.60 to 78.60): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 228.763 ug/l

RT: 7.45 min Scan# 702

Delta R.T. 0.01 min

Lab File: VF062415.D

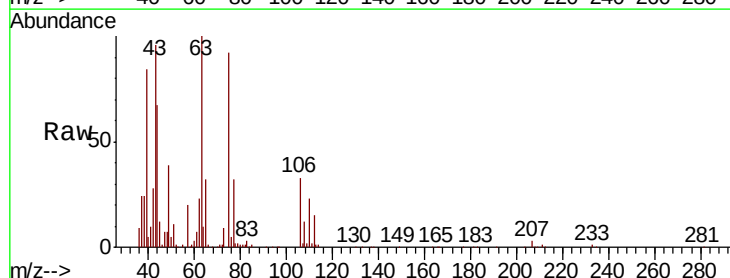
Acq: 10 May 2019 10:40

Tgt Ion: 63 Resp: 109485

Ion Ratio Lower Upper

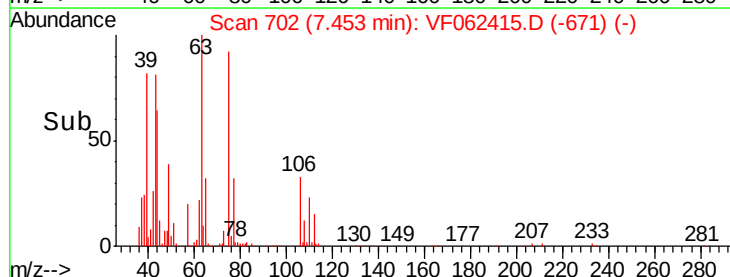
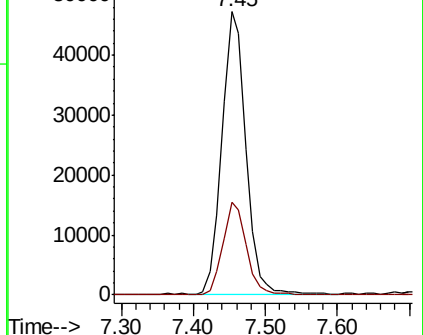
63 100

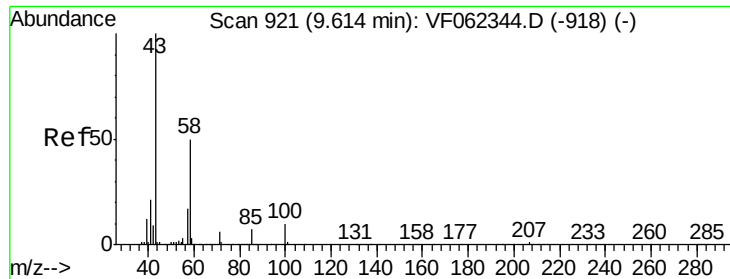
106 31.9 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 105.90 (105.60 to 106.60): V

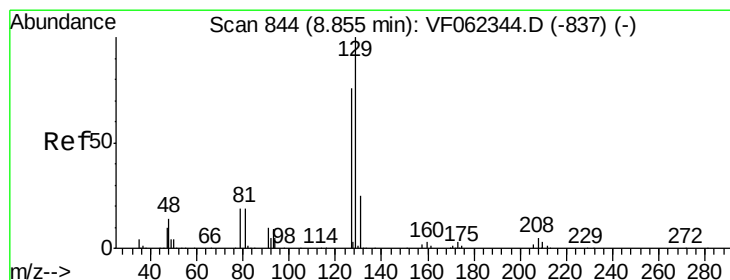
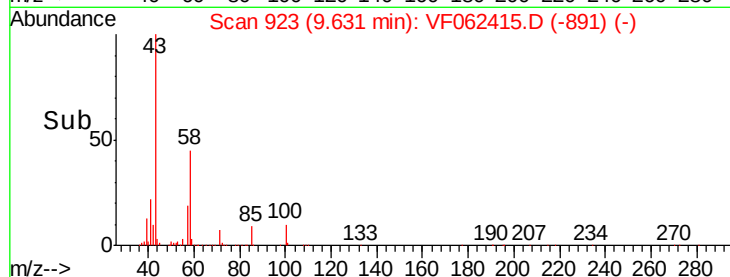
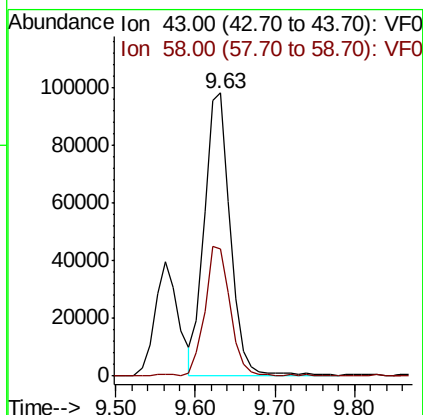
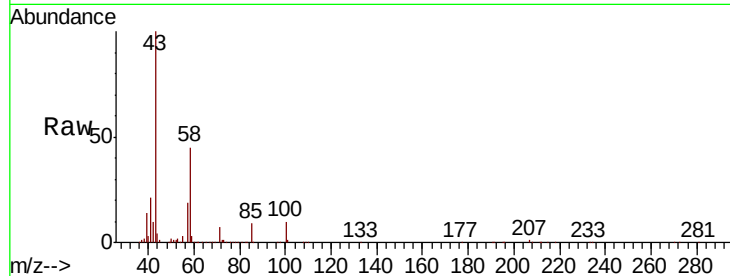




#59
2-Hexanone
Concen: 267.128 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.02 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

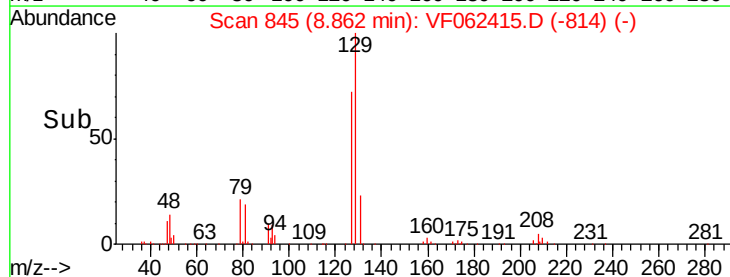
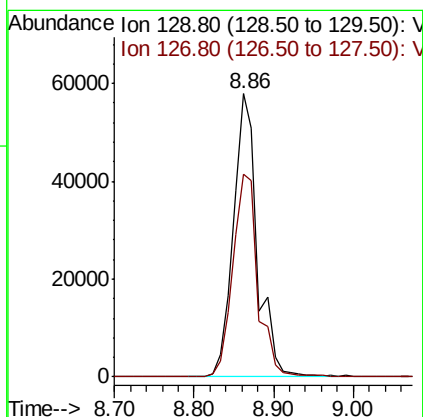
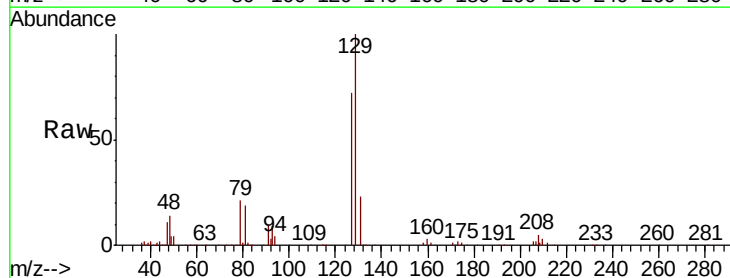
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

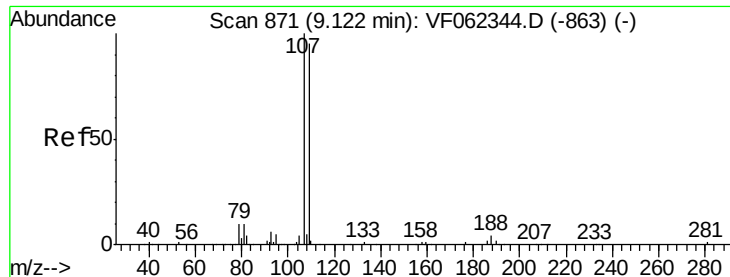
Tgt Ion: 43 Resp: 222666
Ion Ratio Lower Upper
43 100
58 45.5 24.3 73.0



#60
Dibromochloromethane
Concen: 49.438 ug/l
RT: 8.86 min Scan# 845
Delta R.T. 0.01 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Tgt Ion: 129 Resp: 121936
Ion Ratio Lower Upper
129 100
127 75.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 48.397 ug/l

RT: 9.14 min Scan# 873

Delta R.T. 0.02 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

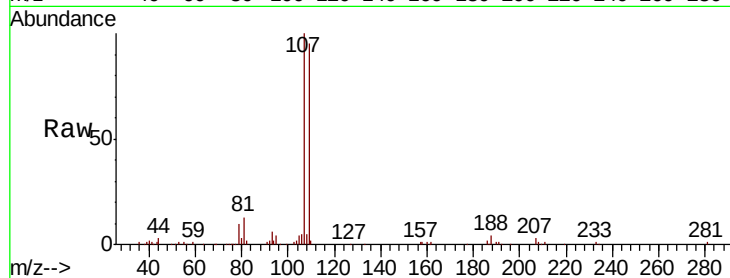
VSTDCCC050

Tgt Ion: 107 Resp: 85780

Ion Ratio Lower Upper

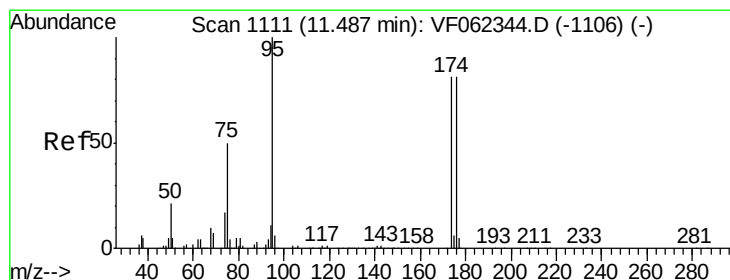
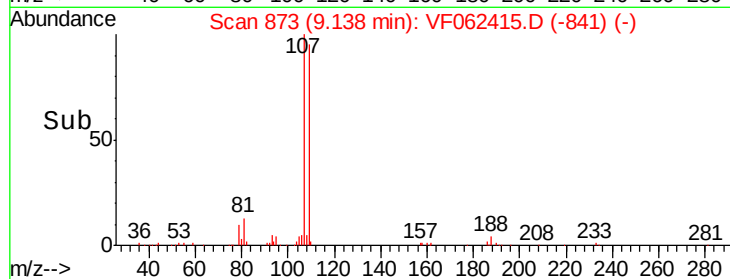
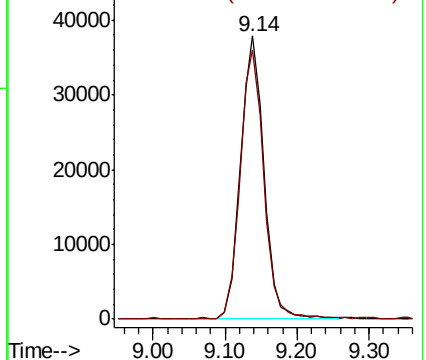
107 100

109 96.4 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.271 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

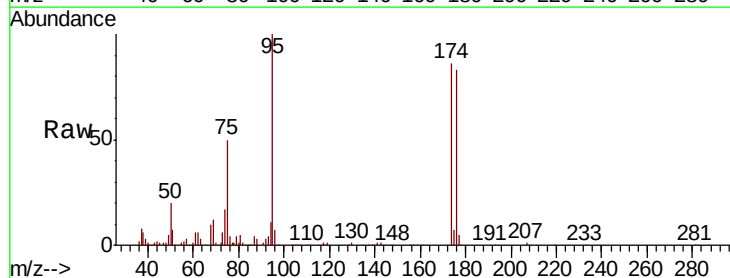
Tgt Ion: 95 Resp: 195760

Ion Ratio Lower Upper

95 100

174 97.3 0.0 191.8

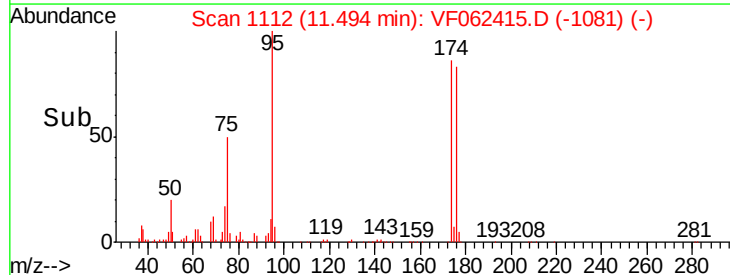
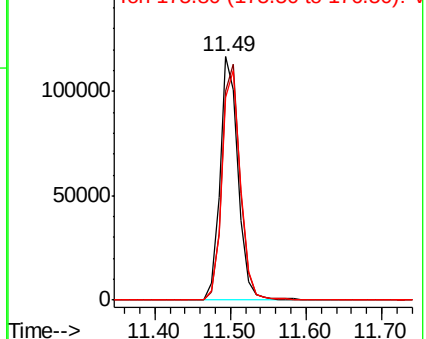
176 95.5 0.0 193.2

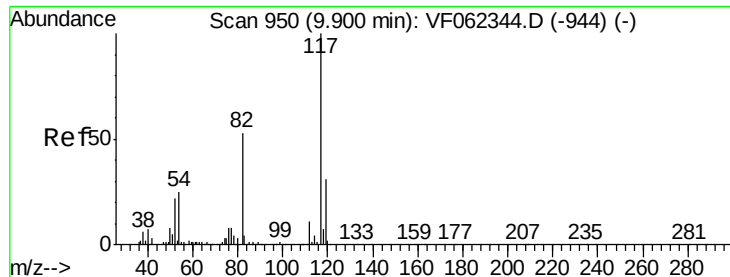


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

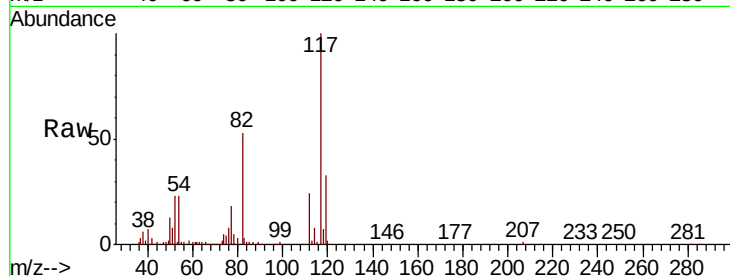




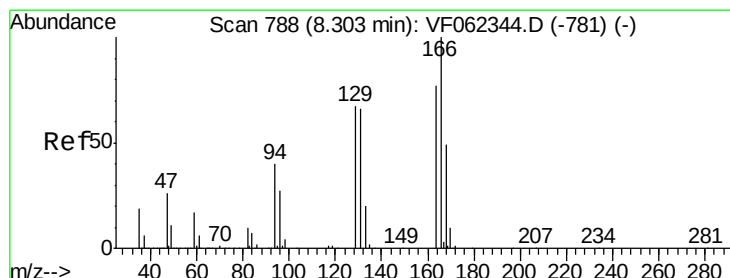
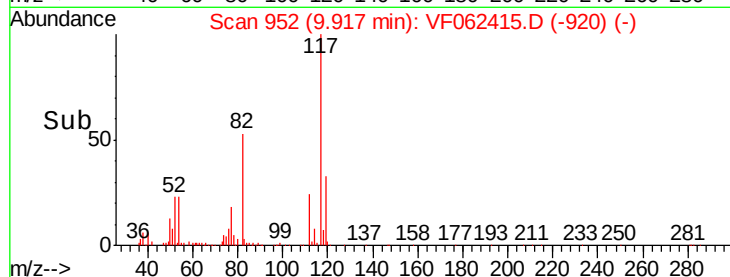
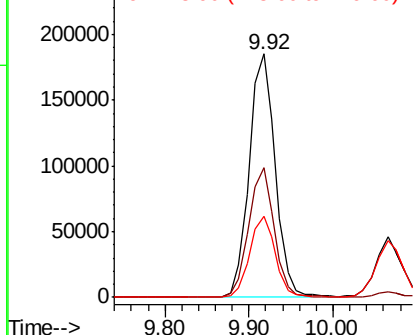
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 402991
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.2
119 33.3 25.0 37.4

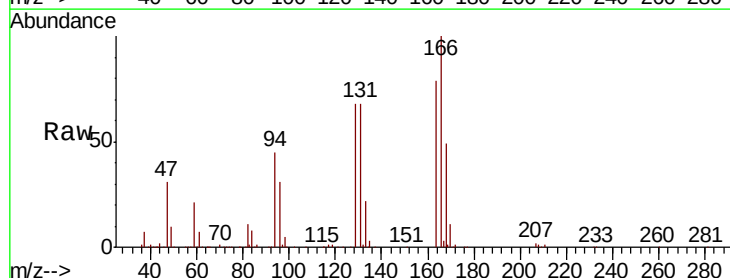


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

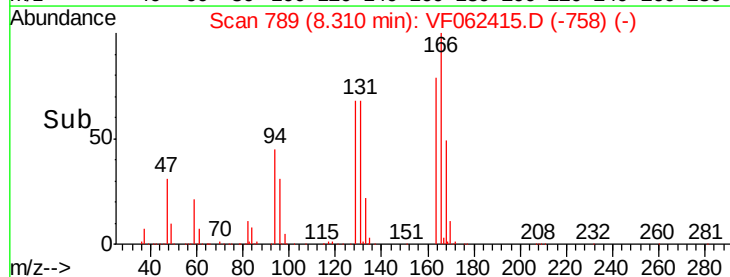
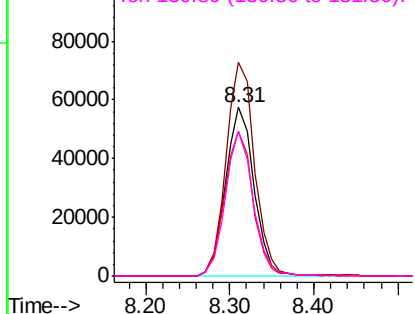


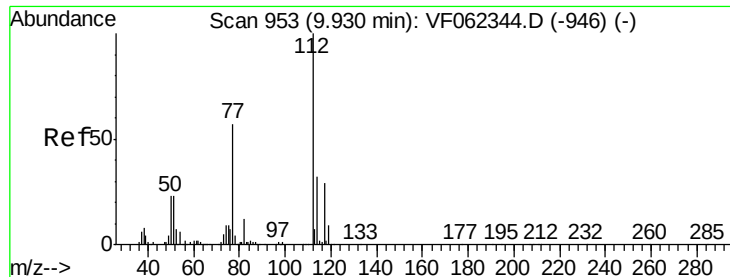
#64
Tetrachloroethene
Concen: 41.402 ug/l
RT: 8.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Tgt Ion:164 Resp: 135451
Ion Ratio Lower Upper
164 100
166 126.3 104.2 156.4
129 86.0 69.6 104.4
131 85.8 68.8 103.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 46.432 ug/l

RT: 9.94 min Scan# 954

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

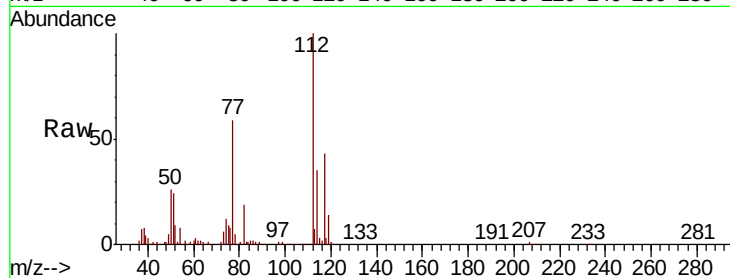
VSTDCCC050

Tgt Ion:112 Resp: 309599

Ion Ratio Lower Upper

112 100

114 34.7 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.94

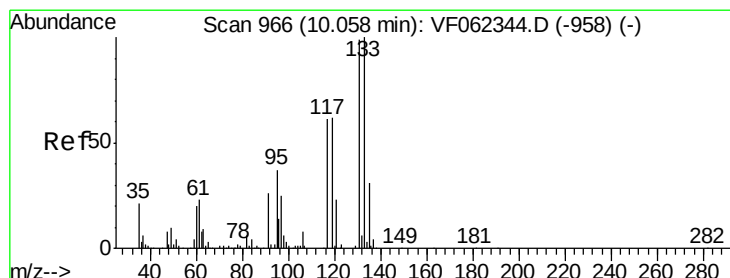
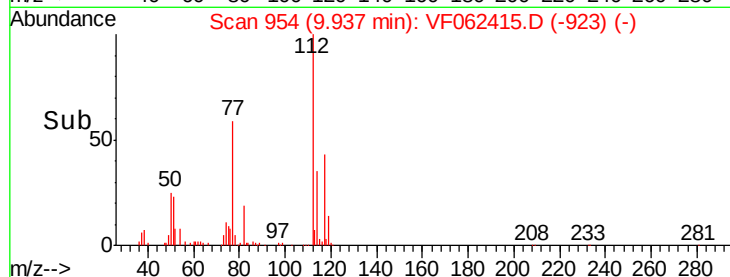
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 44.018 ug/l

RT: 10.06 min Scan# 967

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

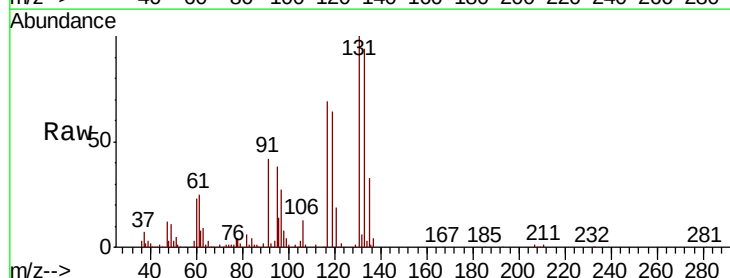
Tgt Ion:131 Resp: 148062

Ion Ratio Lower Upper

131 100

133 95.9 50.2 150.7

119 63.8 31.6 95.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.06

80000

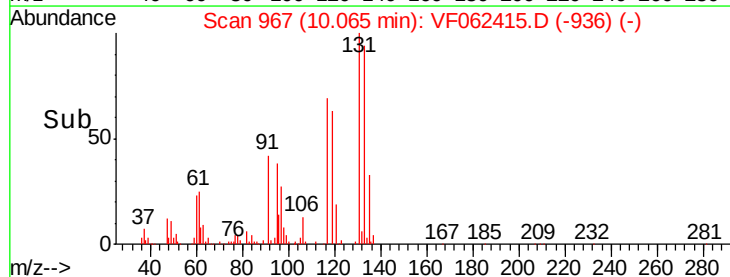
60000

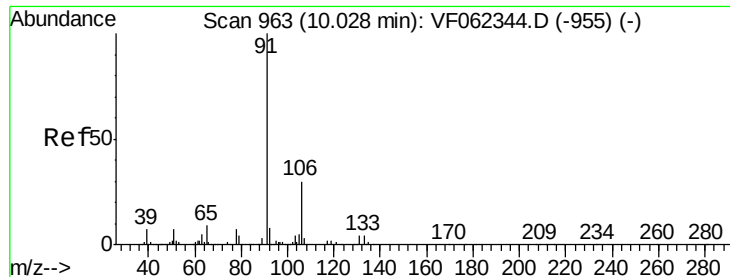
40000

20000

0

Time-->

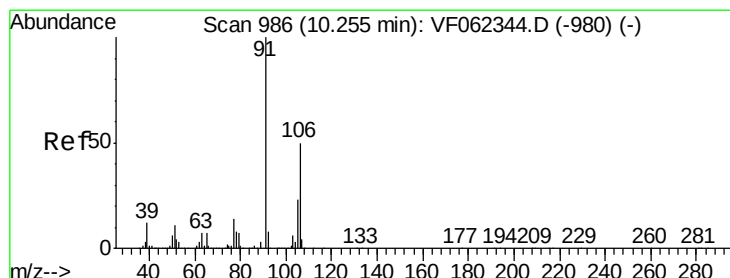
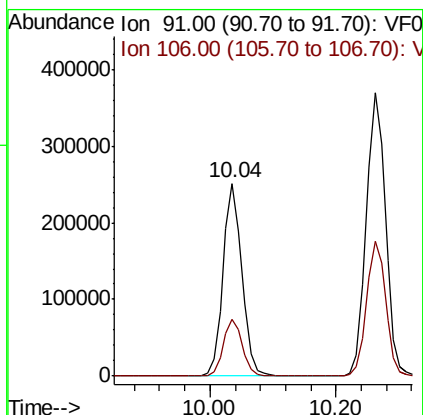
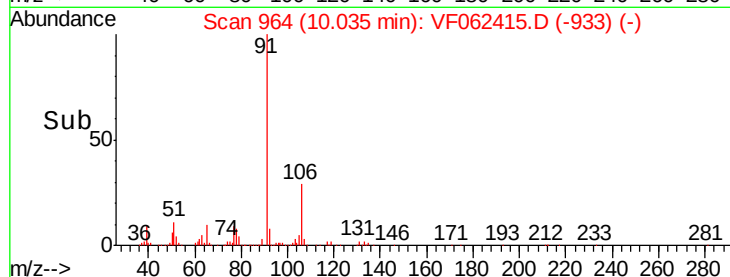
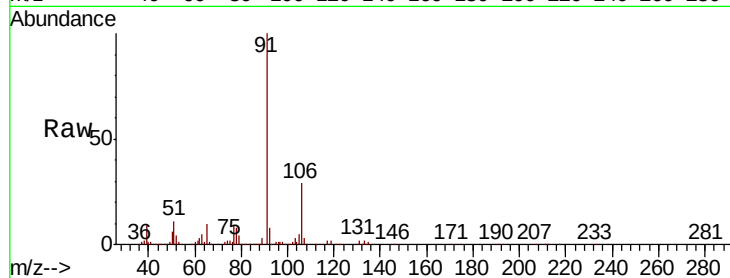




#67
Ethyl Benzene
Concen: 44.946 ug/l
RT: 10.04 min Scan# 964
Delta R.T. 0.01 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

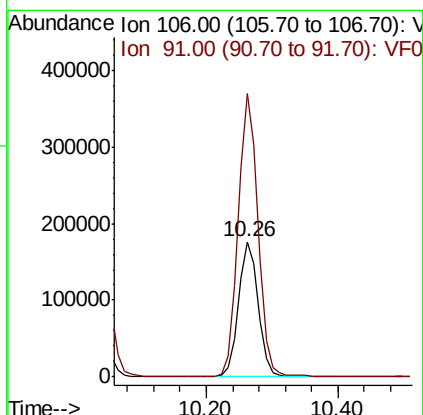
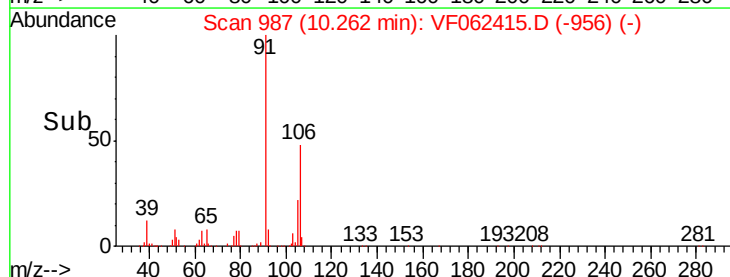
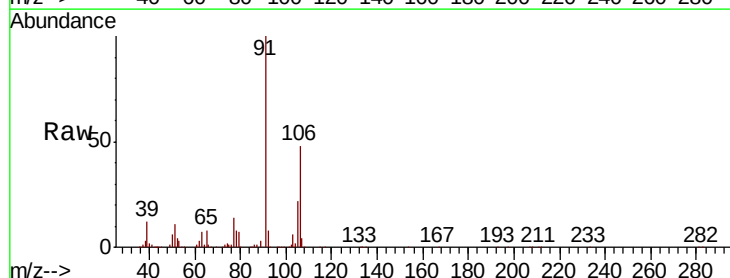
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

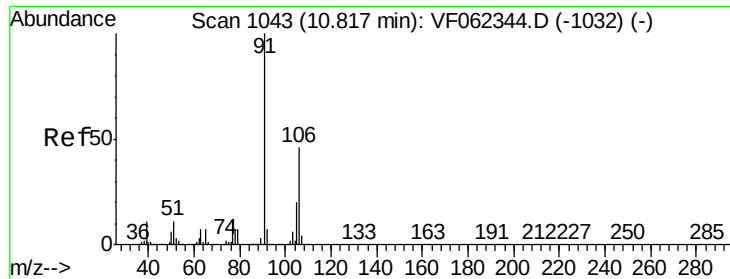
Tgt Ion: 91 Resp: 524784
Ion Ratio Lower Upper
91 100
106 29.4 24.1 36.1



#68
m/p-Xylenes
Concen: 86.246 ug/l
RT: 10.26 min Scan# 987
Delta R.T. 0.01 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Tgt Ion: 106 Resp: 371543
Ion Ratio Lower Upper
106 100
91 210.8 167.4 251.2

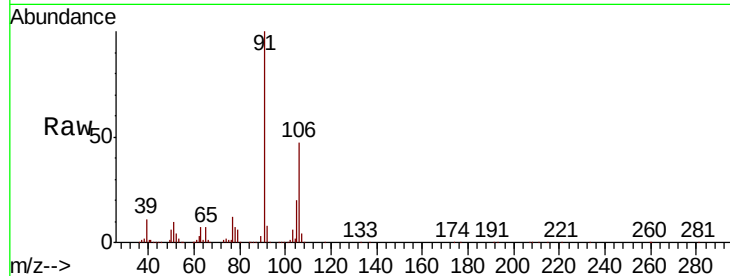




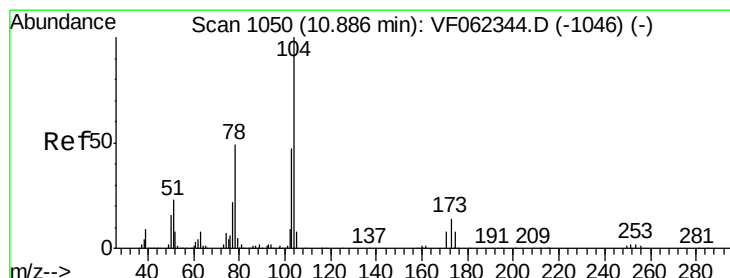
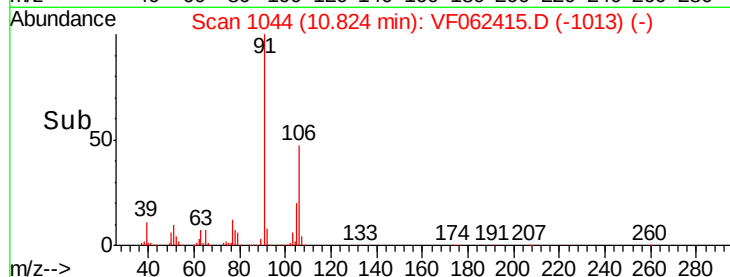
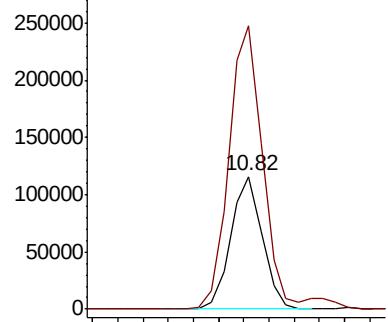
#69
o-Xylene
Concen: 43.471 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. 0.01 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 202360
Ion Ratio Lower Upper
106 100
91 224.7 111.3 333.8

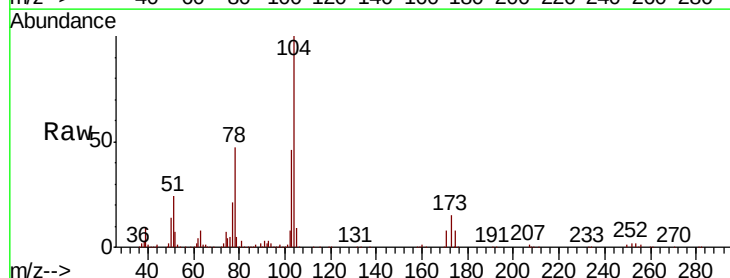


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

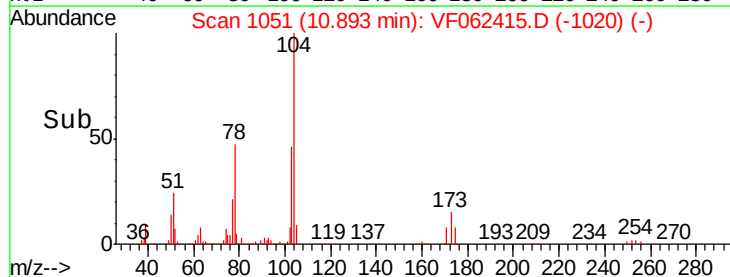
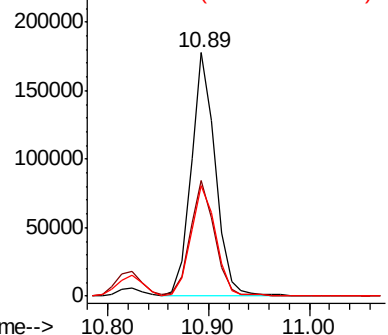


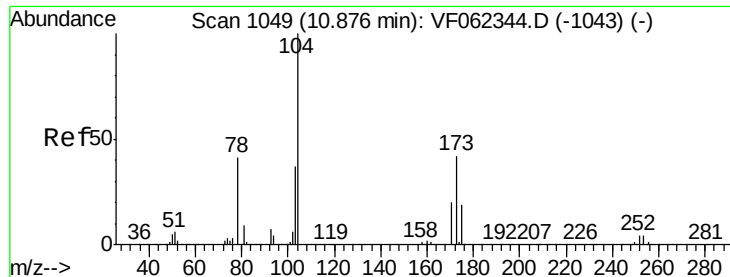
#70
Styrene
Concen: 42.143 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Tgt Ion:104 Resp: 294015
Ion Ratio Lower Upper
104 100
78 48.1 39.5 59.3
103 47.2 38.4 57.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VF0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 41.671 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

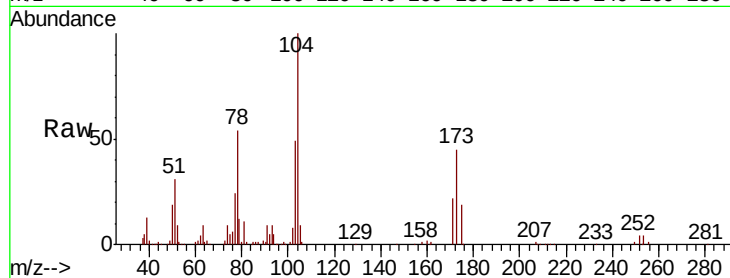
Tgt Ion:173 Resp: 76792

Ion Ratio Lower Upper

173 100

175 48.2 23.8 71.2

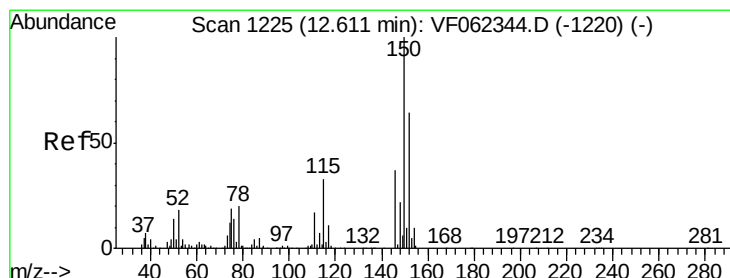
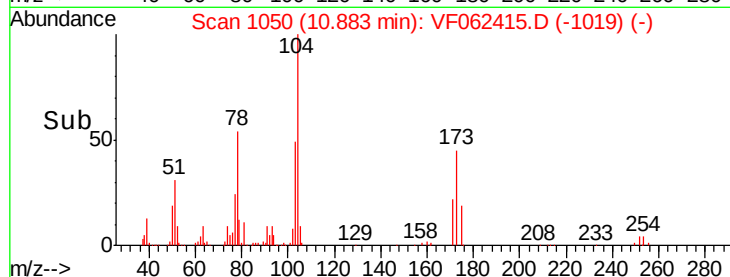
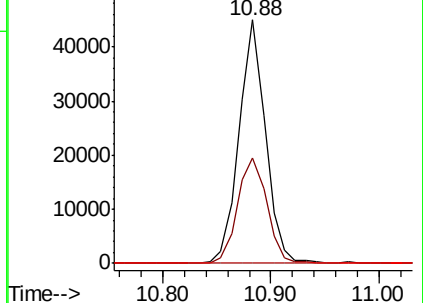
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

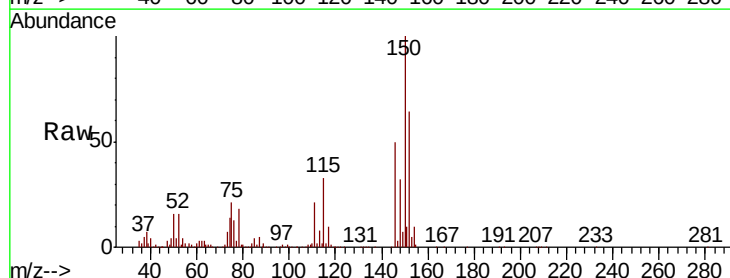
Tgt Ion:152 Resp: 223332

Ion Ratio Lower Upper

152 100

115 54.7 26.4 79.2

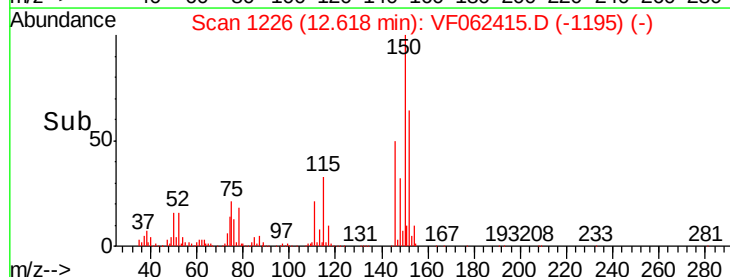
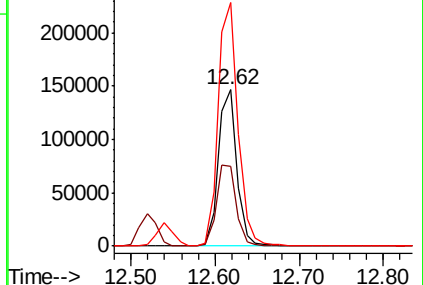
150 167.2 0.0 335.0

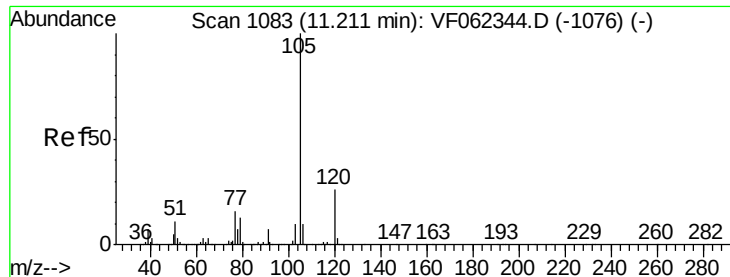


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.153 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

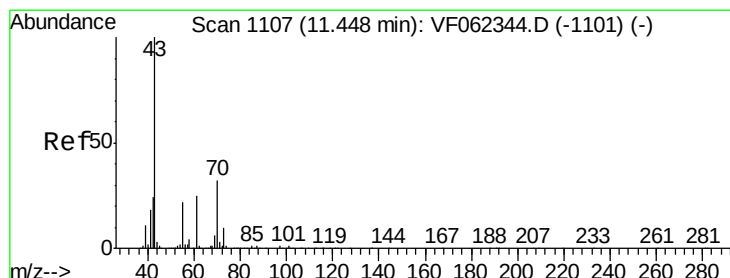
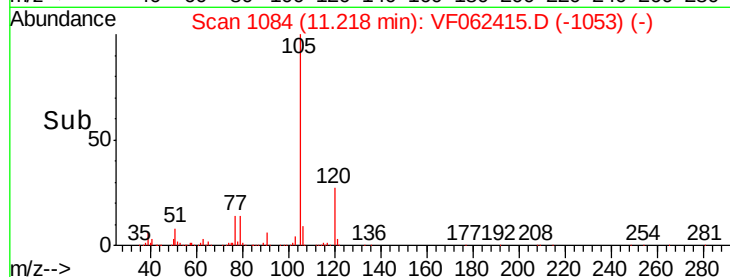
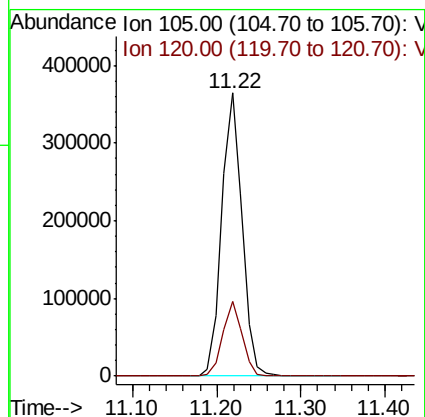
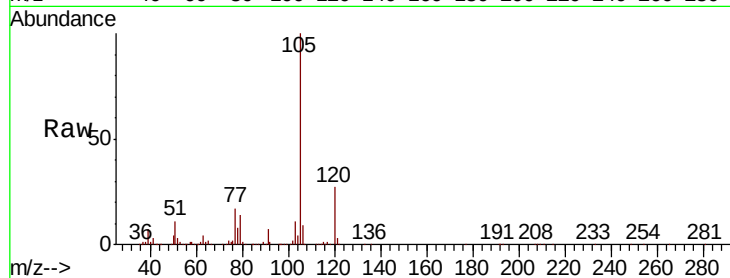
VSTDCCC050

Tgt Ion: 105 Resp: 611059

Ion Ratio Lower Upper

105 100

120 25.2 12.7 38.0



#74

N-ethyl acetate

Concen: 38.221 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Tgt Ion: 43 Resp: 108642

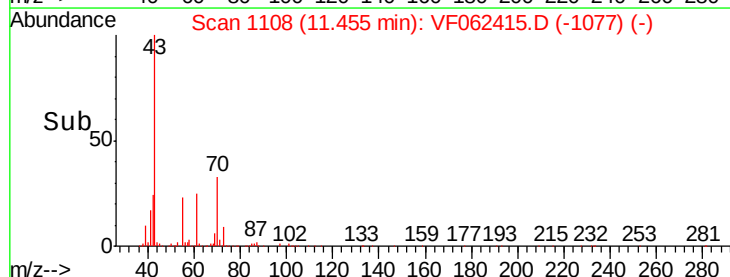
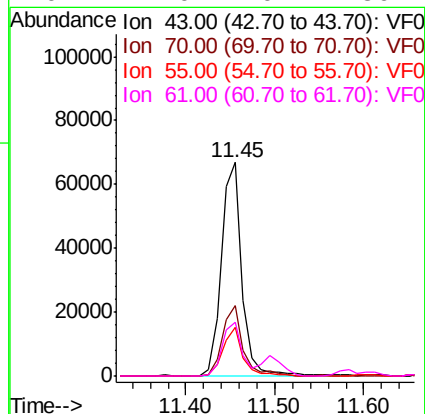
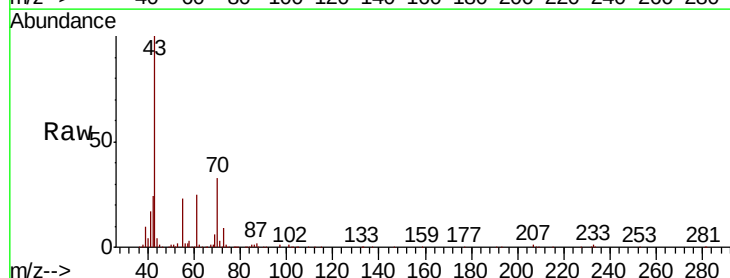
Ion Ratio Lower Upper

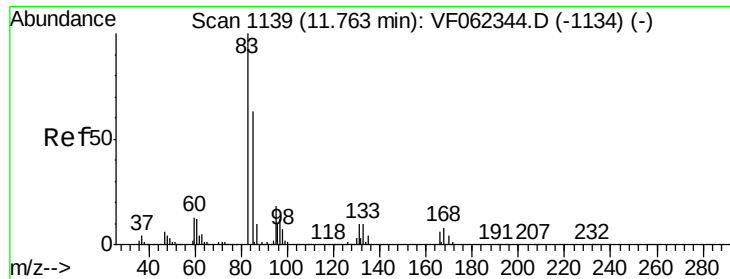
43 100

70 32.8 26.5 39.7

55 22.2 17.8 26.6

61 24.0 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.102 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

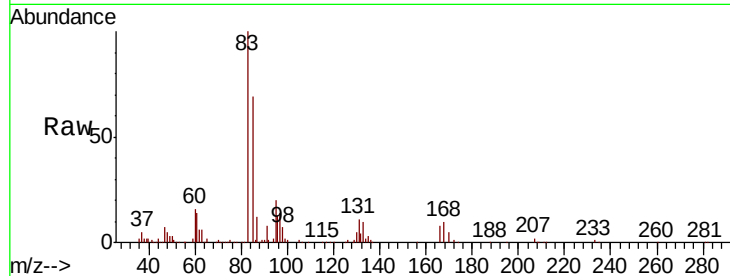
Tgt Ion: 83 Resp: 93498

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

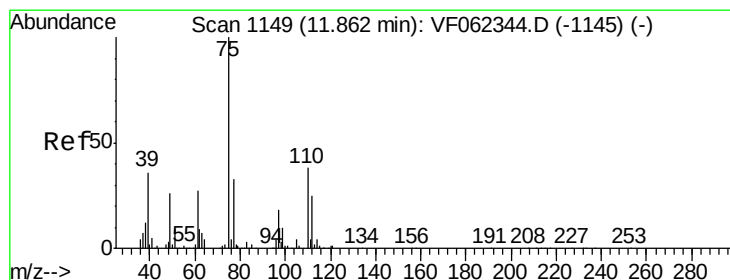
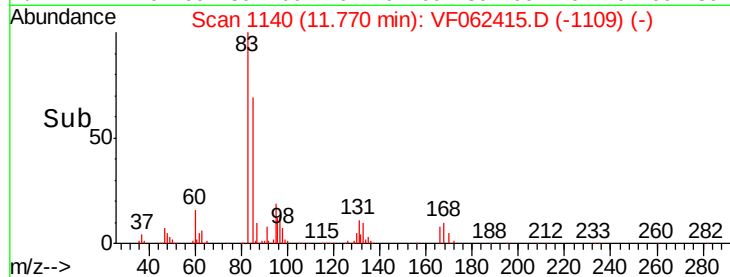
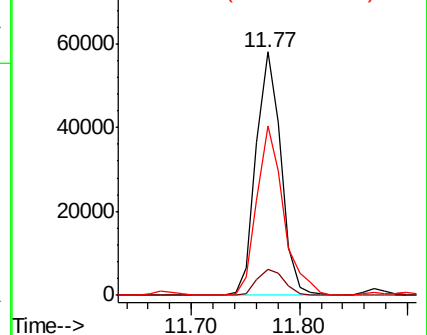
85 74.9 35.3 105.7



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): VF0

Ion 84.90 (84.60 to 85.60): VF0



#76

1,2,3-Trichloropropane

Concen: 44.062 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. 0.01 min

Lab File: VF062415.D

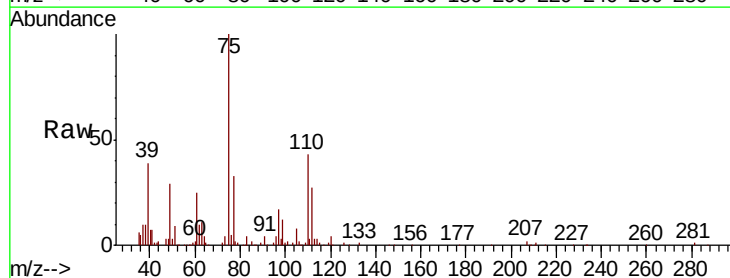
Acq: 10 May 2019 10:40

Tgt Ion: 75 Resp: 69689

Ion Ratio Lower Upper

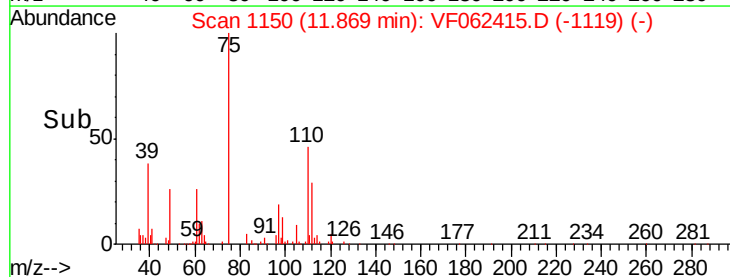
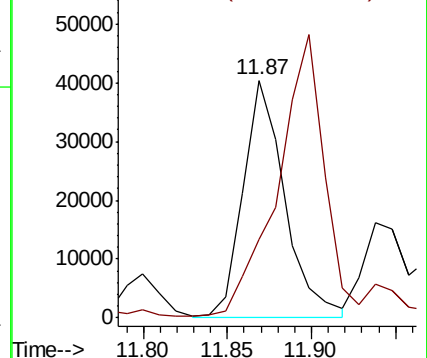
75 100

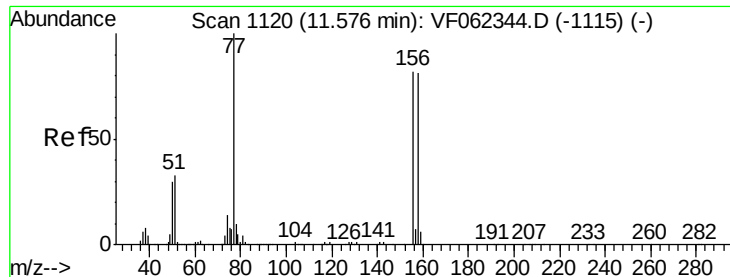
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 46.146 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

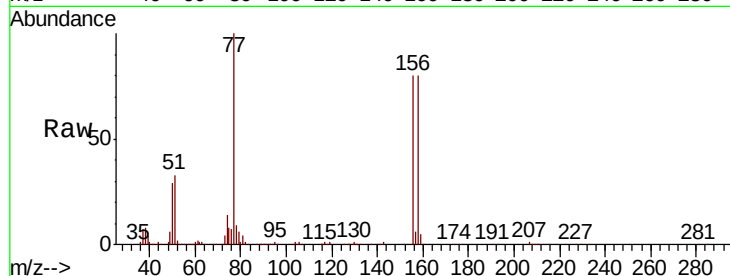
Tgt Ion: 156 Resp: 160347

Ion Ratio Lower Upper

156 100

77 126.6 64.8 194.3

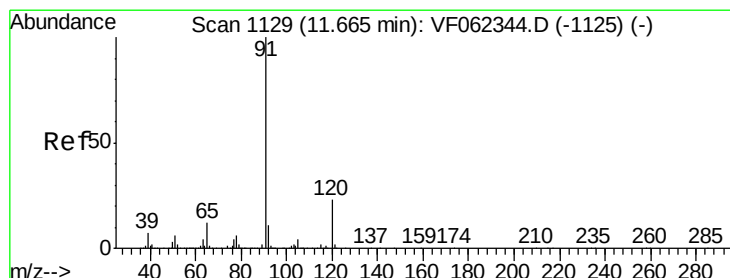
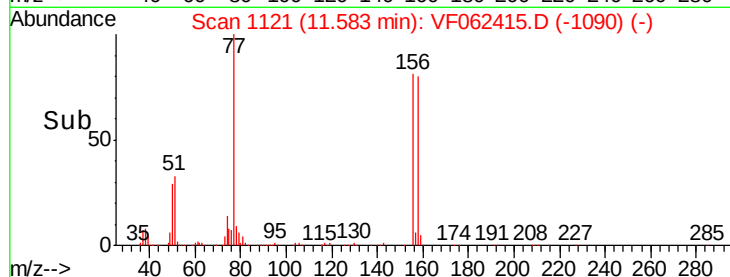
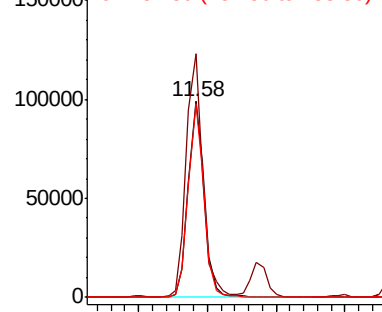
158 96.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.131 ug/l

RT: 11.67 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VF062415.D

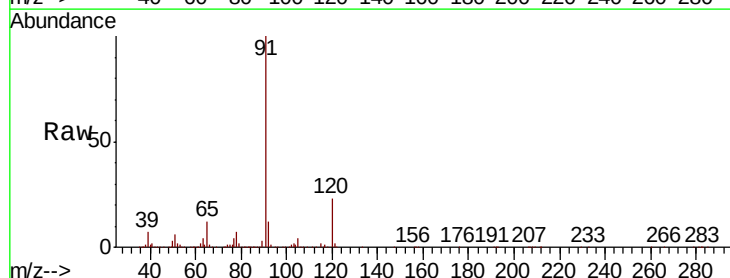
Acq: 10 May 2019 10:40

Tgt Ion: 91 Resp: 664364

Ion Ratio Lower Upper

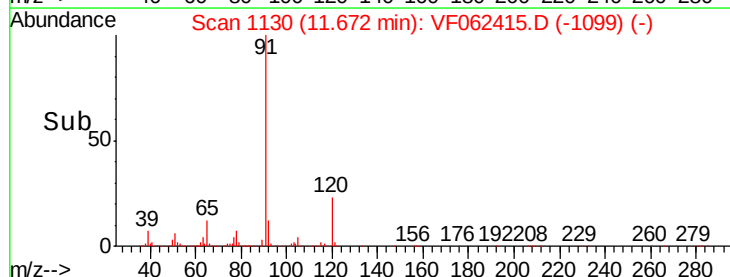
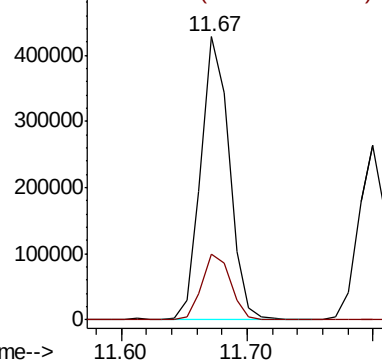
91 100

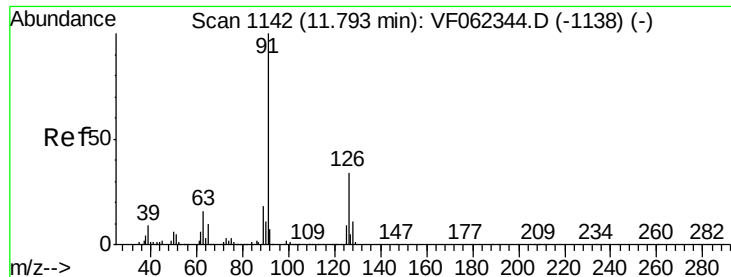
120 24.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.635 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

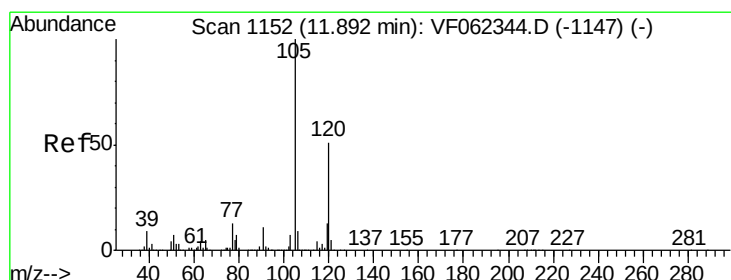
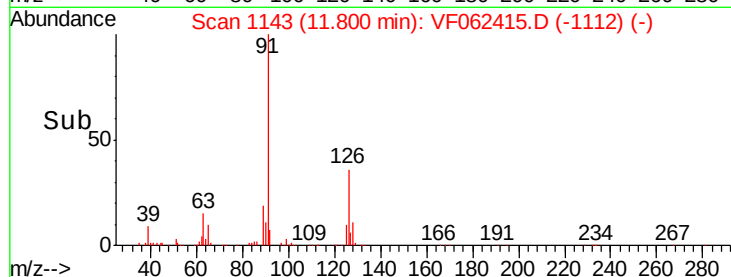
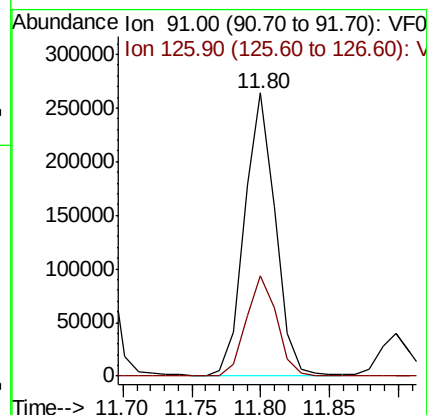
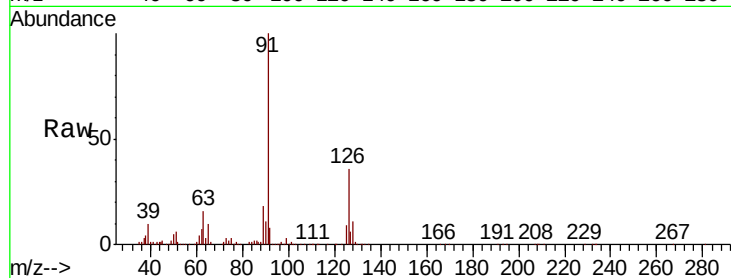
VSTDCCC050

Tgt Ion: 91 Resp: 408760

Ion Ratio Lower Upper

91 100

126 35.7 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 47.113 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. 0.01 min

Lab File: VF062415.D

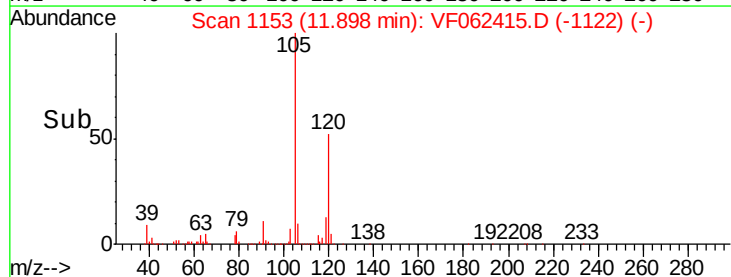
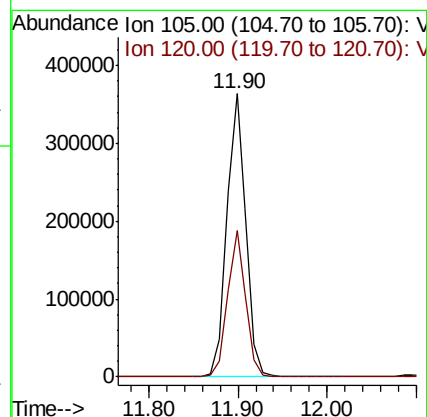
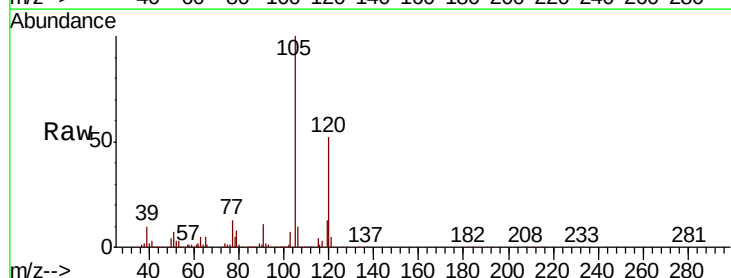
Acq: 10 May 2019 10:40

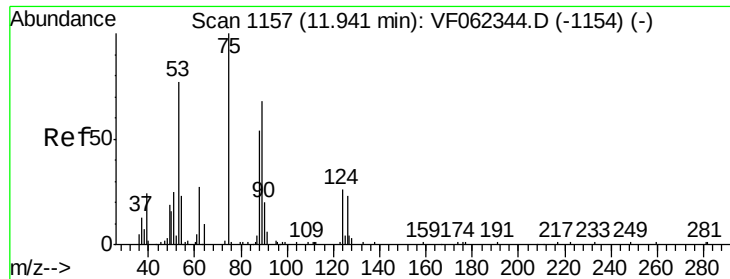
Tgt Ion: 105 Resp: 546732

Ion Ratio Lower Upper

105 100

120 49.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 69.516 ug/l

RT: 11.94 min Scan# 1157

Delta R.T. -0.00 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

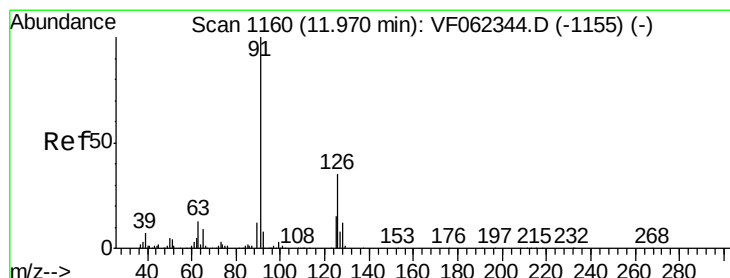
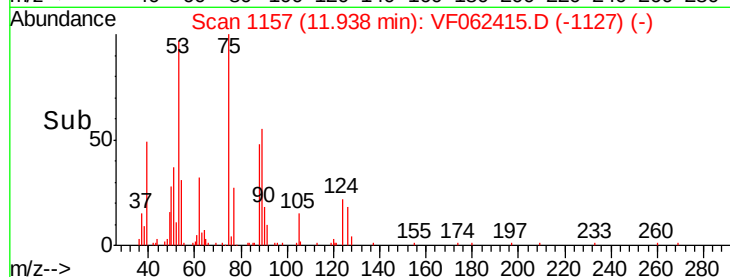
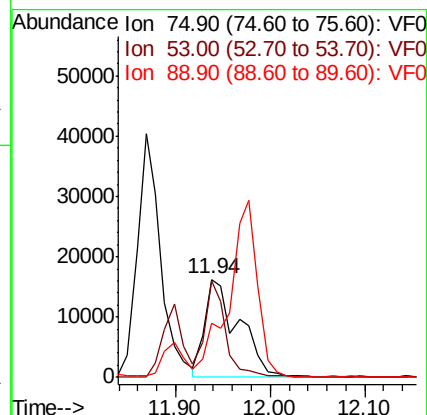
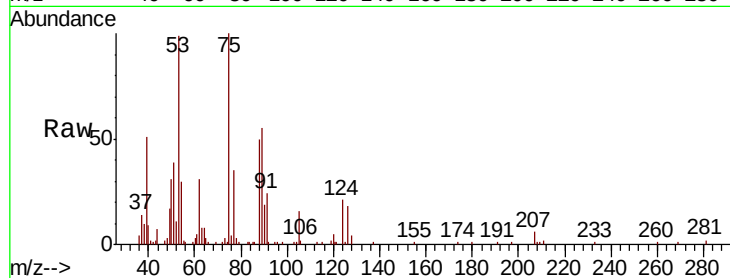
Tgt Ion: 75 Resp: 41328

Ion Ratio Lower Upper

75 100

53 60.4 71.9 107.9#

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 47.467 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VF062415.D

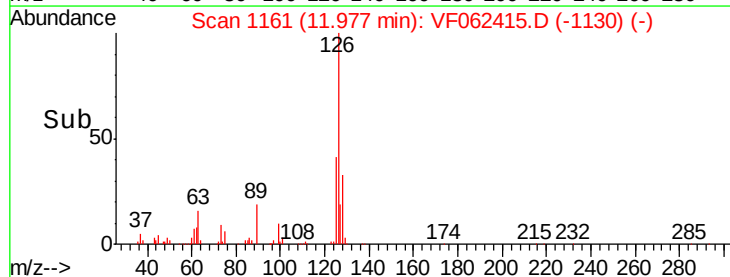
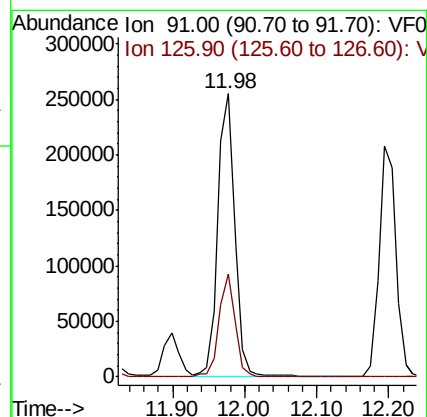
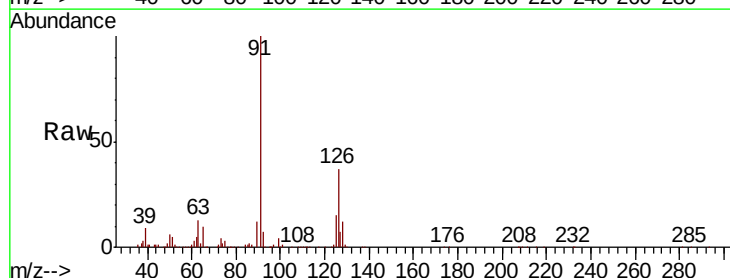
Acq: 10 May 2019 10:40

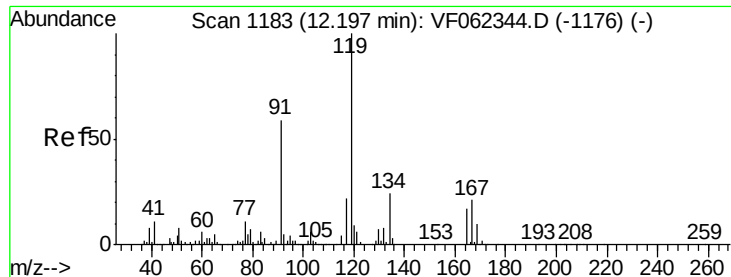
Tgt Ion: 91 Resp: 410925

Ion Ratio Lower Upper

91 100

126 34.4 17.7 53.1

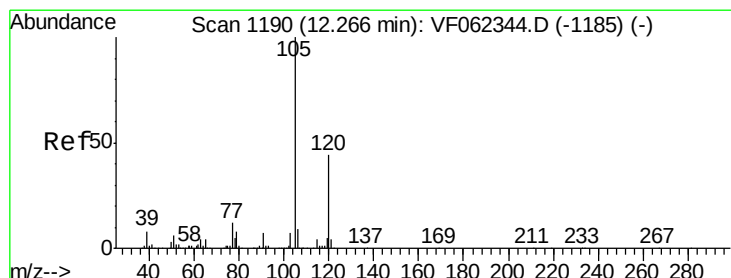
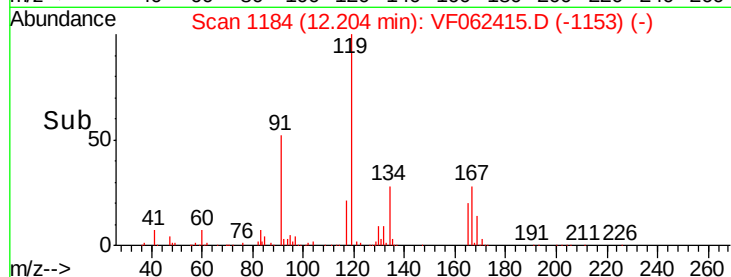
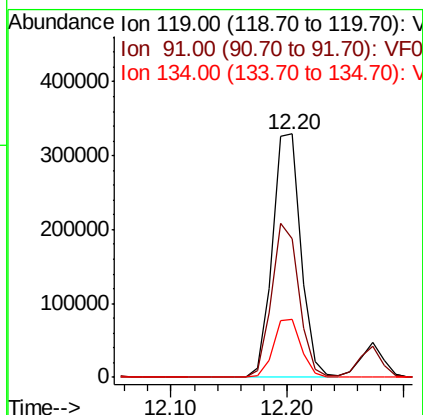
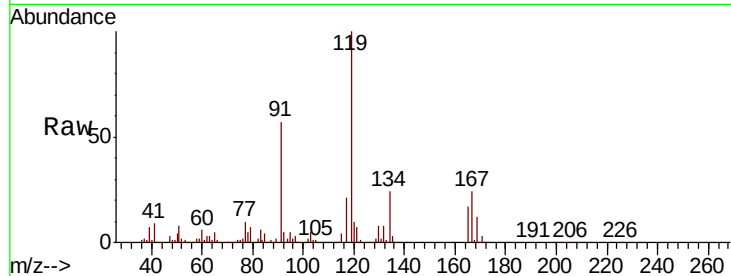




#83
 tert-Butylbenzene
 Concen: 45.694 ug/l
 RT: 12.20 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: VF062415.D
 Acq: 10 May 2019 10:40

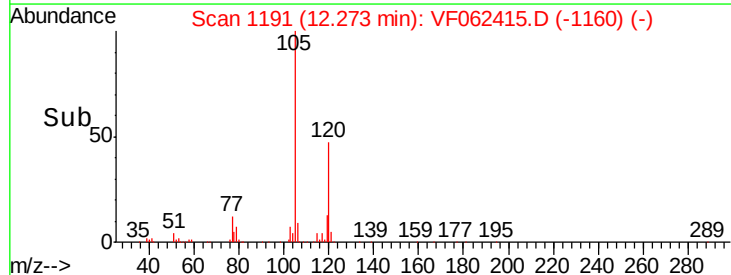
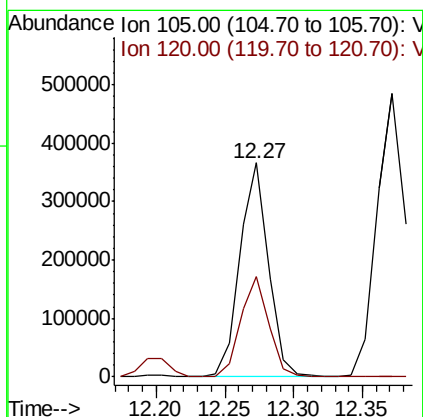
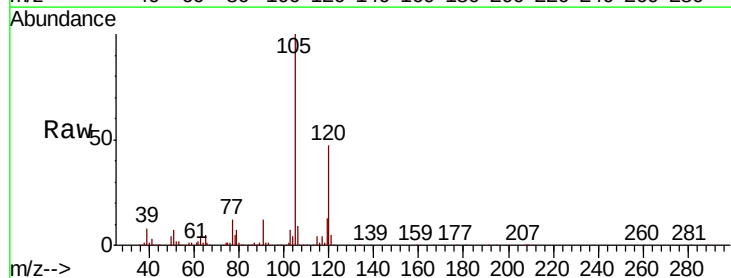
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

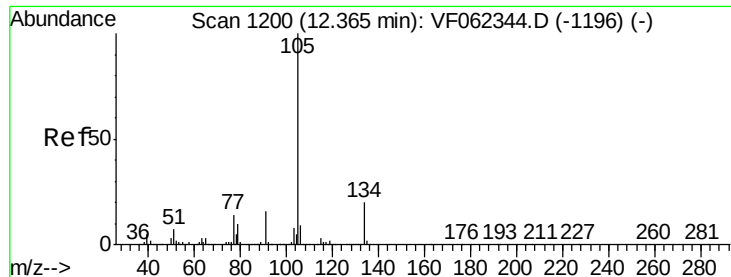
Tgt Ion:119 Resp: 557282
 Ion Ratio Lower Upper
 119 100
 91 60.8 30.4 91.3
 134 23.5 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 46.526 ug/l
 RT: 12.27 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VF062415.D
 Acq: 10 May 2019 10:40

Tgt Ion:105 Resp: 528372
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 47.700 ug/l

RT: 12.37 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

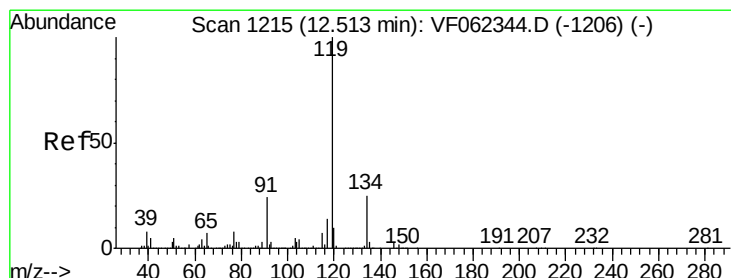
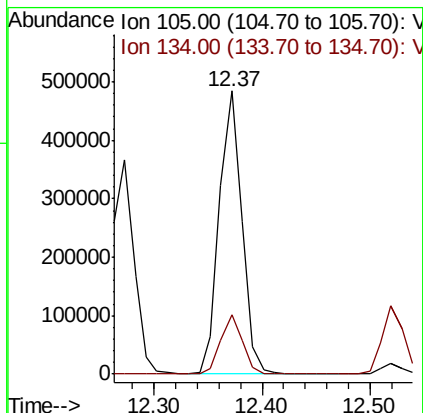
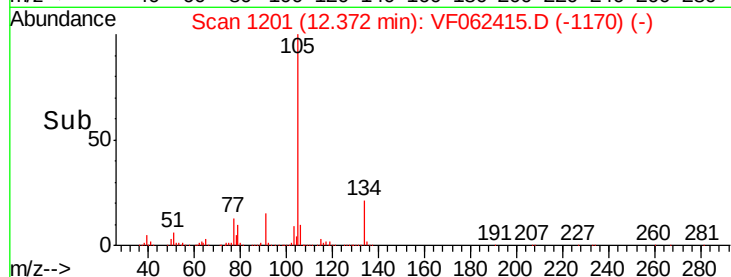
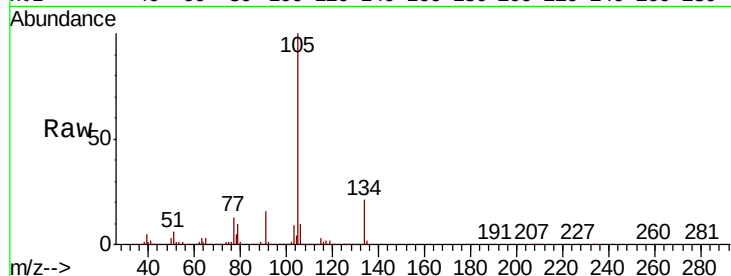
VSTDCCC050

Tgt Ion:105 Resp: 708097

Ion Ratio Lower Upper

105 100

134 20.3 9.8 29.5



#86

p-Isopropyltoluene

Concen: 46.118 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

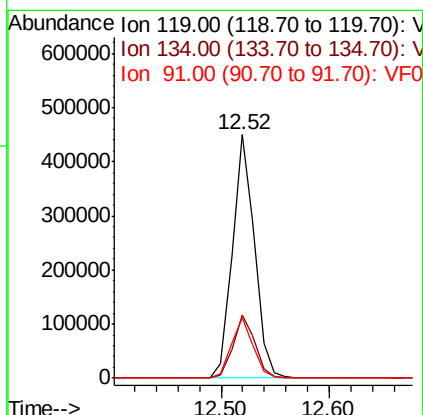
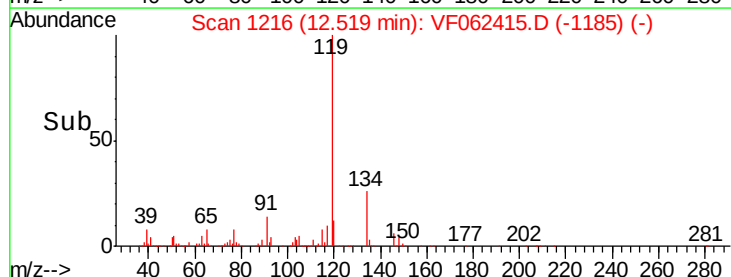
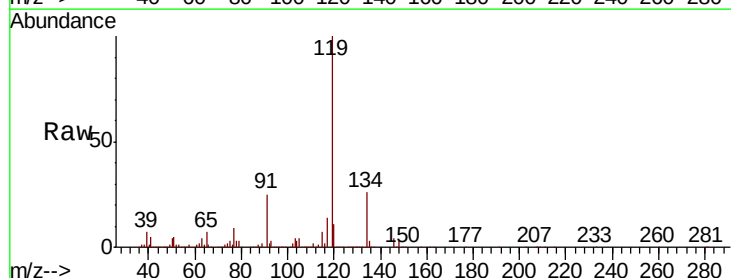
Tgt Ion:119 Resp: 636068

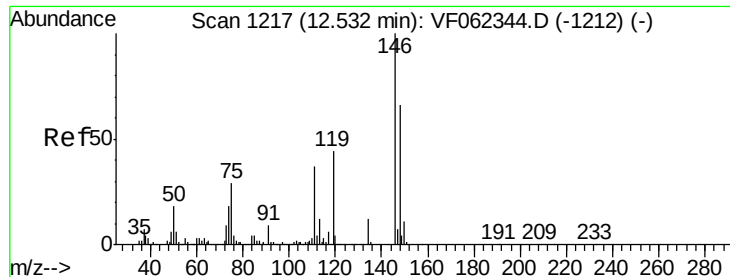
Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 24.6 12.3 36.8

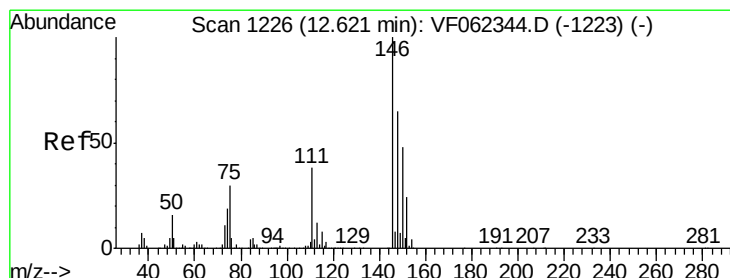
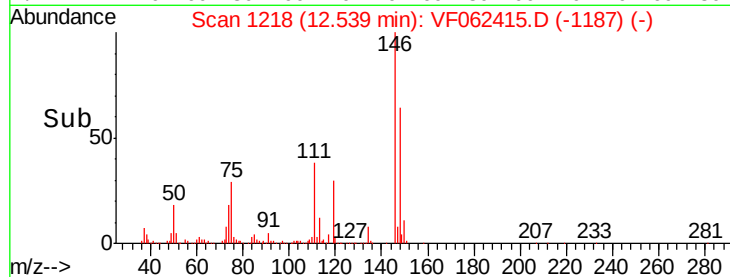
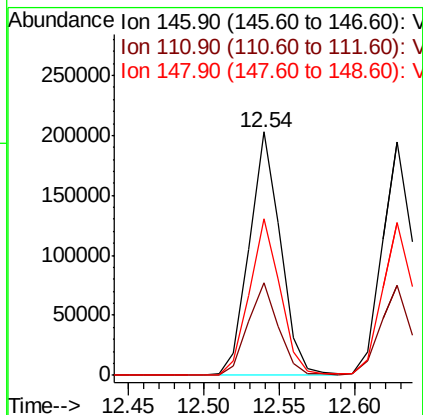
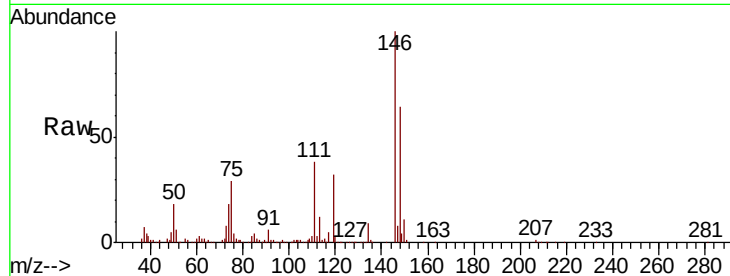




#87
 1,3-Dichlorobenzene
 Concen: 46.163 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: VF062415.D
 Acq: 10 May 2019 10:40

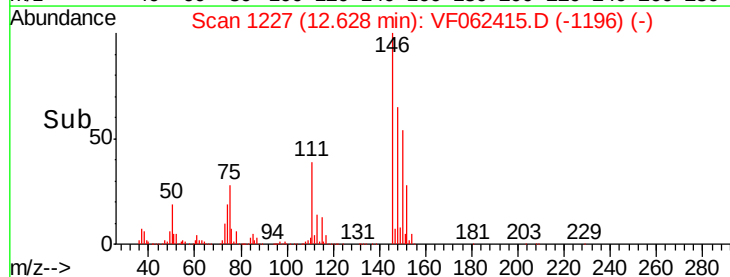
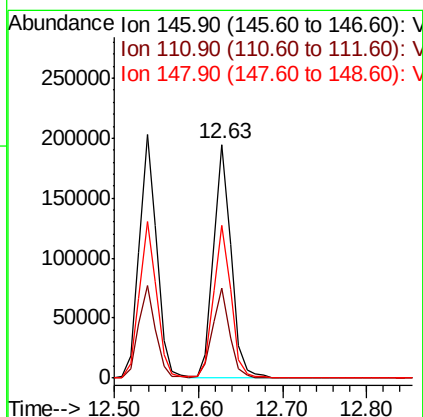
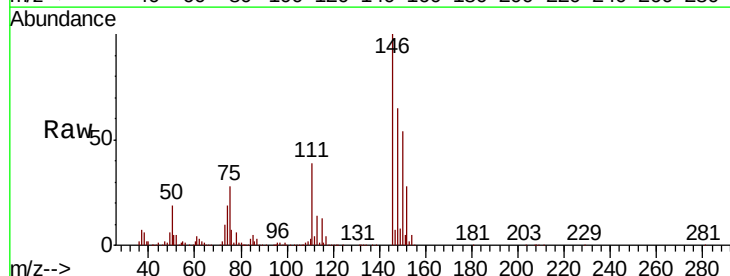
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

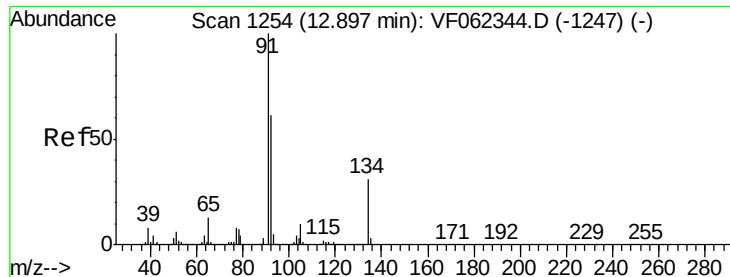
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.3	54.8
148	63.7	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 46.490 ug/l
 RT: 12.63 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: VF062415.D
 Acq: 10 May 2019 10:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.3
148	65.1	32.2	96.6





#89

n-Butylbenzene

Concen: 47.397 ug/l

RT: 12.90 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VF062415.D

Acq: 10 May 2019 10:40

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

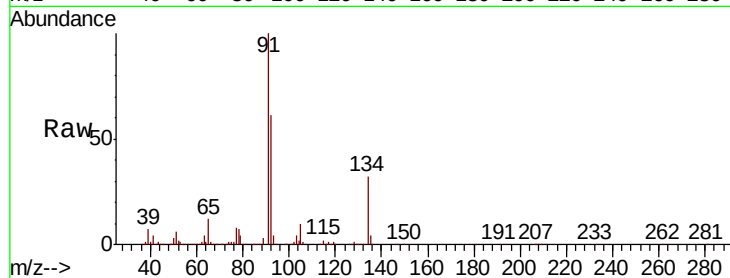
Tgt Ion: 91 Resp: 581595

Ion Ratio Lower Upper

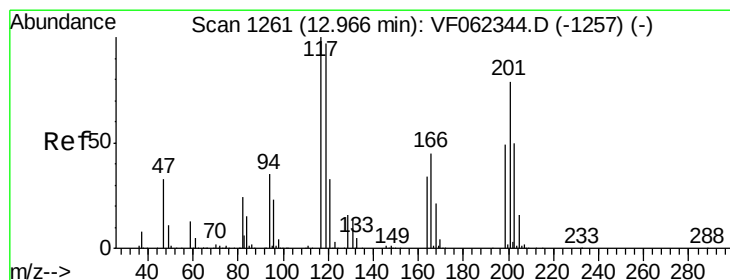
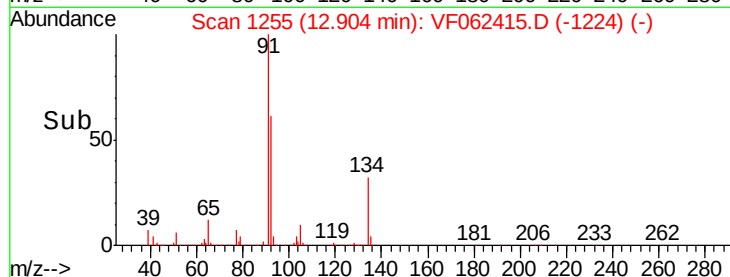
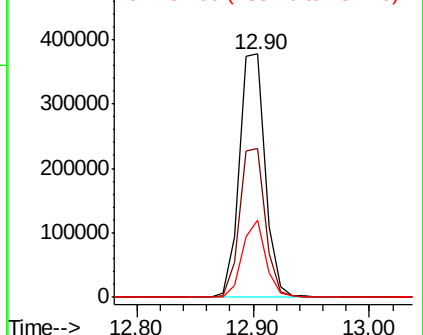
91 100

92 60.7 30.0 90.0

134 28.8 14.1 42.4



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: 45.288 ug/l

RT: 12.97 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VF062415.D

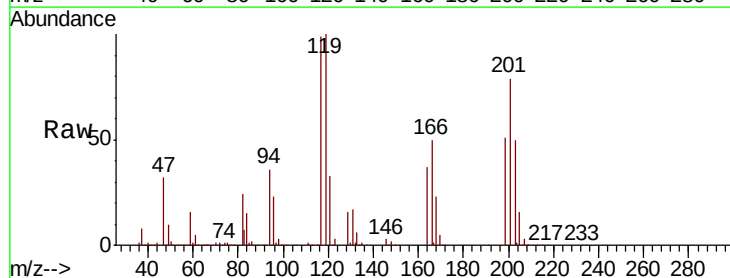
Acq: 10 May 2019 10:40

Tgt Ion: 117 Resp: 155958

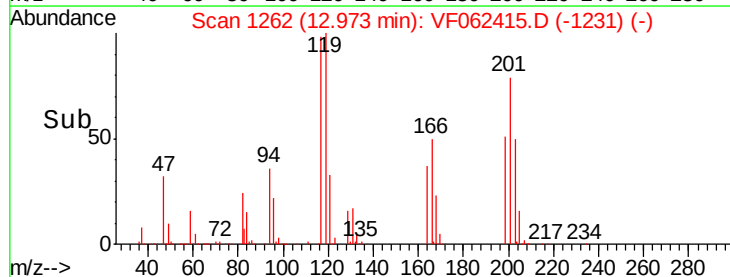
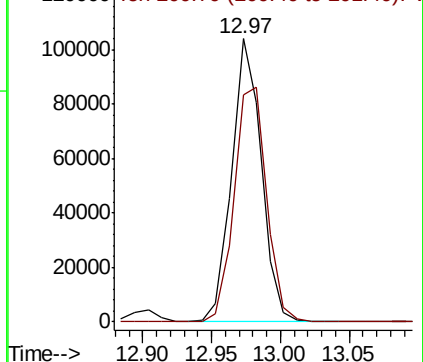
Ion Ratio Lower Upper

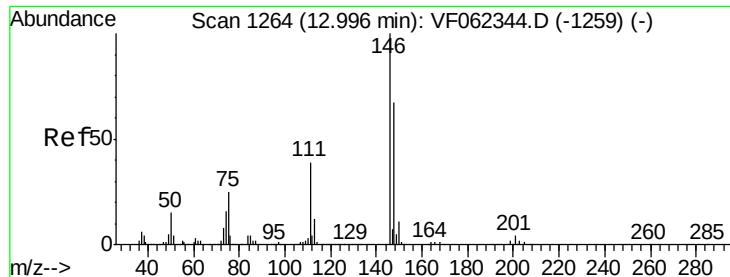
117 100

201 90.8 46.2 138.5



Abundance Ion 116.80 (116.50 to 117.50): V
120000 Ion 200.70 (200.40 to 201.40): V

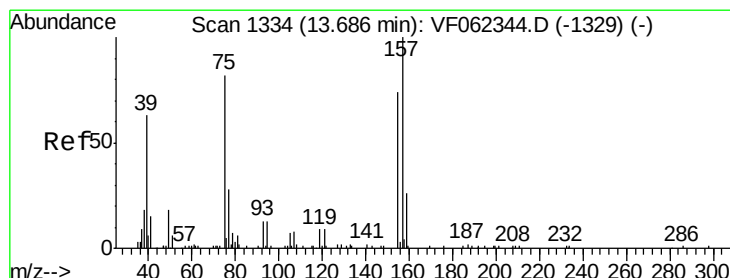
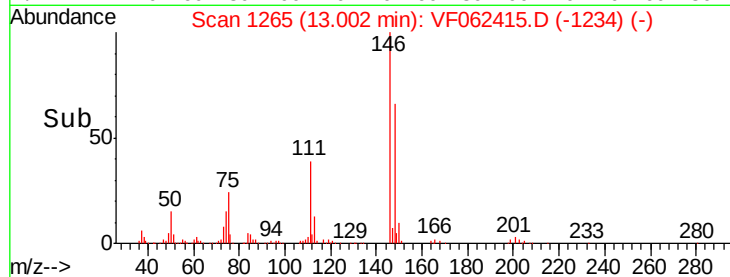
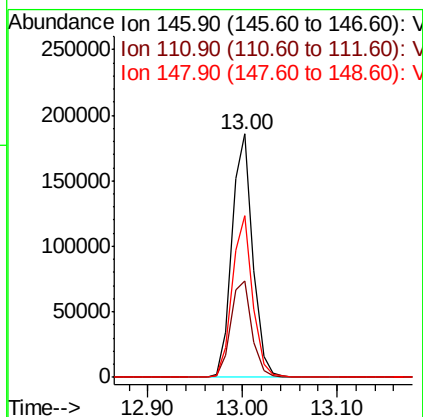
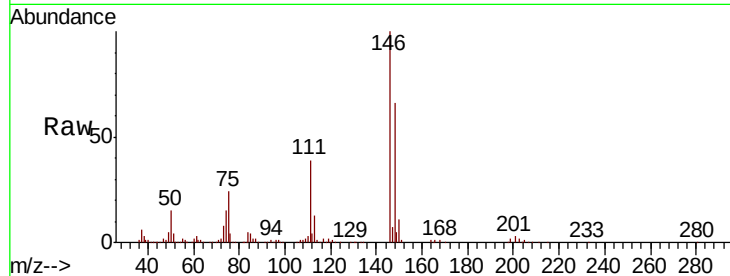




#91
 1,2-Dichlorobenzene
 Concen: 46.100 ug/l
 RT: 13.00 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: VF062415.D
 Acq: 10 May 2019 10:40

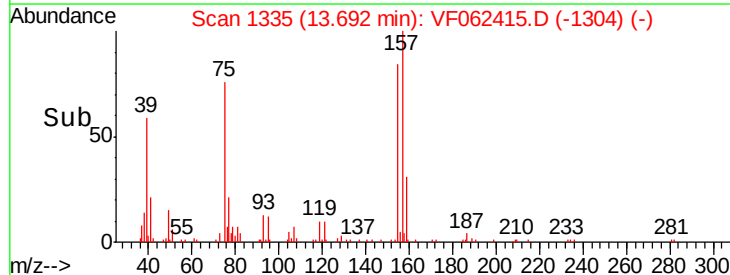
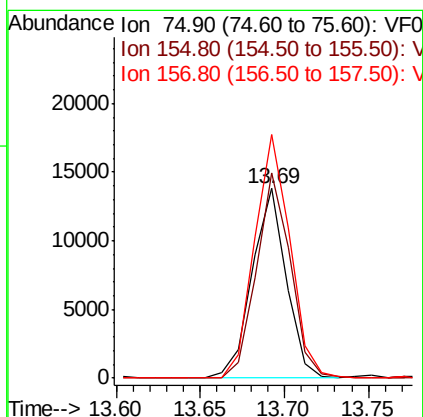
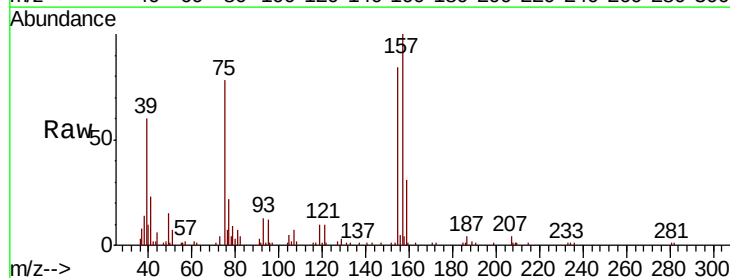
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

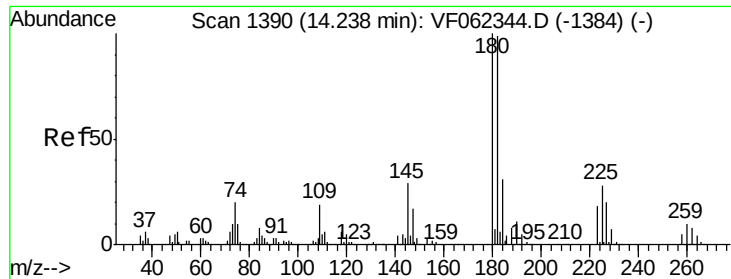
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	60.0
148	65.1	33.1	99.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.802 ug/l
 RT: 13.69 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: VF062415.D
 Acq: 10 May 2019 10:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.0	51.8	155.4
157	132.3	67.3	201.8

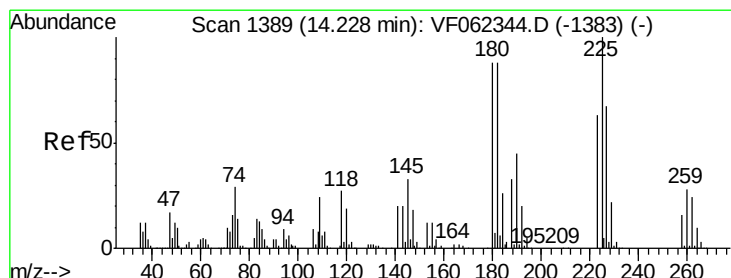
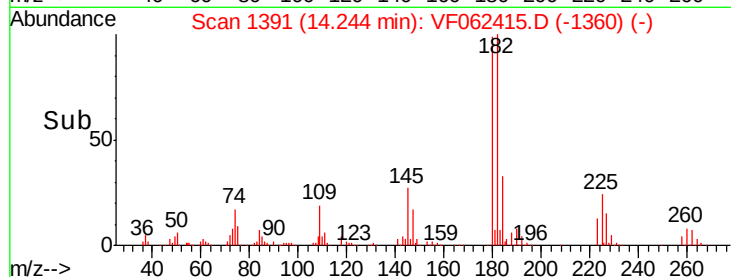
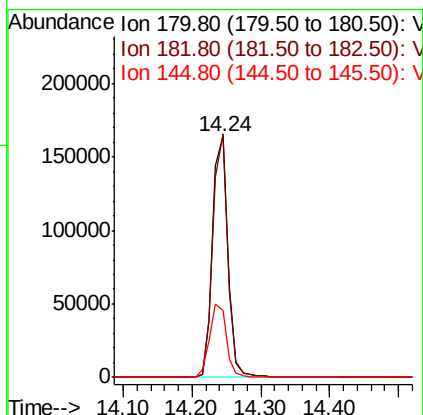
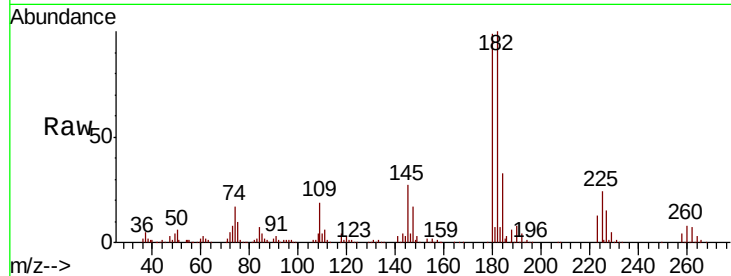




#93
 1,2,4-Trichlorobenzene
 Concen: 46.244 ug/l
 RT: 14.24 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: VF062415.D
 Acq: 10 May 2019 10:40

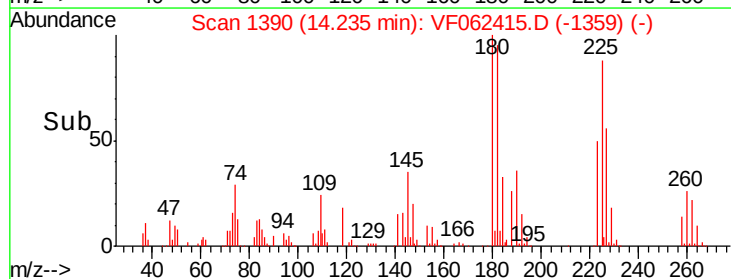
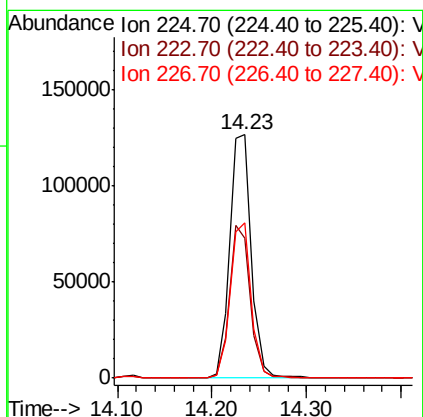
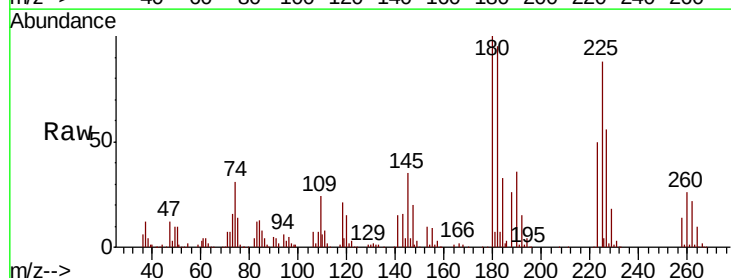
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

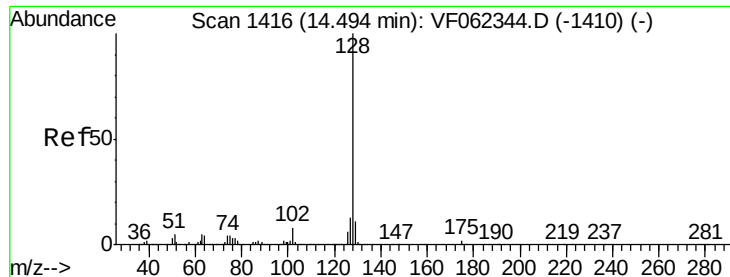
Tgt Ion:180 Resp: 254788
 Ion Ratio Lower Upper
 180 100
 182 98.0 49.0 147.0
 145 33.4 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 48.671 ug/l
 RT: 14.23 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: VF062415.D
 Acq: 10 May 2019 10:40

Tgt Ion:225 Resp: 199866
 Ion Ratio Lower Upper
 225 100
 223 60.3 31.9 95.5
 227 62.1 33.1 99.5

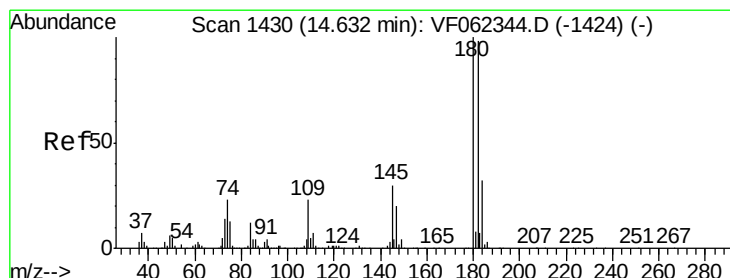
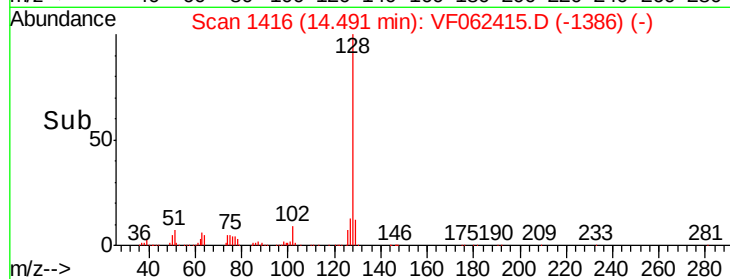
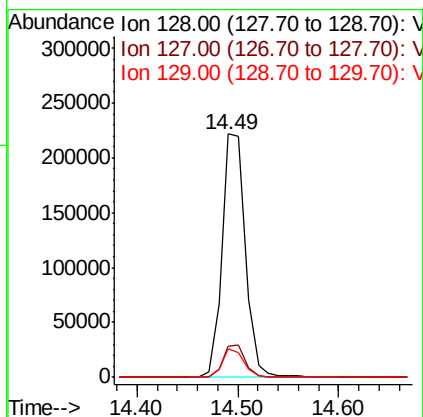
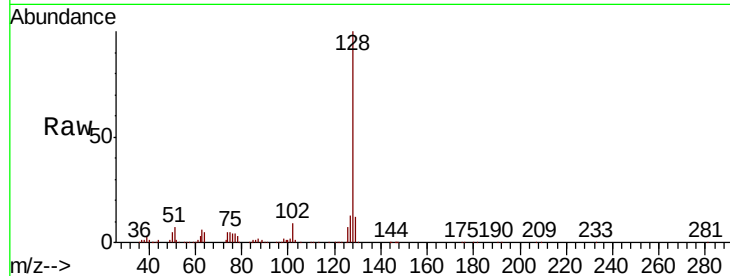




#95
Naphthalene
Concen: 43.235 ug/l
RT: 14.49 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	11.0	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 47.154 ug/l
RT: 14.64 min Scan# 1431
Delta R.T. 0.01 min
Lab File: VF062415.D
Acq: 10 May 2019 10:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	49.4	148.0
145	28.3	14.8	44.3

