

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
 Data File : VX001419.D
 Acq On : 05 May 2018 14:44
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: May 06 08:03:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	377635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	257733	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	200100	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	5.51	113	166657	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	8.72	98	605852	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.14	95	234041	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	202281	51.72	ug/l	98
3) Chloromethane	1.32	50	203429	53.41	ug/l	100
4) Vinyl Chloride	1.40	62	198893	50.03	ug/l	99
5) Bromomethane	1.64	94	106516	59.17	ug/l	100
6) Chloroethane	1.72	64	125876	47.90	ug/l	99
7) Trichlorofluoromethane	1.92	101	289530	48.39	ug/l	100
8) Diethyl Ether	2.19	74	115005	49.04	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	170402	48.58	ug/l	100
10) Methyl Iodide	2.51	142	221299	43.73	ug/l	99
11) Tert butyl alcohol	3.09	59	218158	247.78	ug/l	99
12) 1,1-Dichloroethene	2.37	96	159034	49.47	ug/l	99
13) Acrolein	2.29	56	44042	253.94	ug/l	97
14) Allyl chloride	2.73	41	298801	49.85	ug/l	98
15) Acrylonitrile	3.15	53	489054	245.81	ug/l	100
16) Acetone	2.45	43	450151	237.40	ug/l	99
17) Carbon Disulfide	2.57	76	428601	52.39	ug/l	100
18) Methyl Acetate	2.78	43	242561	48.69	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	551055	49.23	ug/l	100
20) Methylene Chloride	2.86	84	176510	47.01	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	172121	47.97	ug/l	98
22) Diisopropyl ether	3.88	45	553934	49.46	ug/l	99
23) Vinyl Acetate	3.83	43	2393751	256.46	ug/l	100
24) 1,1-Dichloroethane	3.70	63	306022	48.92	ug/l	99
25) 2-Butanone	4.72	43	683453	249.35	ug/l	100
26) 2,2-Dichloropropane	4.59	77	249383	51.62	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	189316	49.55	ug/l	98
28) Bromochloromethane	5.03	49	130692	48.18	ug/l	99
29) Tetrahydrofuran	5.18	42	439176	250.42	ug/l	100
30) Chloroform	5.22	83	315426	48.95	ug/l	99
31) Cyclohexane	5.58	56	271094	50.45	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	284631	50.54	ug/l	99
36) 1,1-Dichloropropene	5.80	75	237702	49.48	ug/l	100
37) Ethyl Acetate	4.87	43	261620	49.68	ug/l	100
38) Carbon Tetrachloride	5.79	117	260435	50.83	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	287646	50.65	ug/l	99
40) Benzene	6.15	78	695552	49.57	ug/l	99
41) Methacrylonitrile	5.07	41	149187	49.52	ug/l	99
42) 1,2-Dichloroethane	6.21	62	263585	48.88	ug/l	100
43) Isopropyl Acetate	6.48	43	421745	52.17	ug/l	100
44) Trichloroethene	7.22	130	213270	49.73	ug/l	96
45) 1,2-Dichloropropane	7.52	63	169563	48.48	ug/l	100
46) Dibromomethane	7.67	93	120919	48.83	ug/l	99
47) Bromodichloromethane	7.90	83	237767	51.88	ug/l	99
48) Methyl methacrylate	7.79	41	225728	51.28	ug/l	99
49) 1,4-Dioxane	7.76	88	97407	1024.31	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1384480	257.74	ug/l	98
52) Toluene	8.79	92	457099	49.82	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	281714	54.39	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	256829	48.06	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	180447	48.82	ug/l	99
56) Ethyl methacrylate	9.19	69	280965	52.73	ug/l	98
57) 1,3-Dichloropropane	9.38	76	301973	49.41	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	685532	262.33	ug/l	100
59) 2-Hexanone	9.51	43	1062524	258.31	ug/l	100
60) Dibromochloromethane	9.59	129	201264	53.17	ug/l	99
61) 1,2-Dibromoethane	9.68	107	196250	50.57	ug/l	100
64) Tetrachloroethene	9.34	164	242483	48.27	ug/l	99
65) Chlorobenzene	10.15	112	523290	49.51	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	194830	51.53	ug/l	100
67) Ethyl Benzene	10.26	91	872509	50.36	ug/l	100
68) m/p-Xylenes	10.37	106	704826	102.96	ug/l	99
69) o-Xylene	10.71	106	341698	51.36	ug/l	99
70) Styrene	10.72	104	567080	52.47	ug/l	99
71) Bromoform	10.87	173	168420	46.58	ug/l	99
73) Isopropylbenzene	11.02	105	913942	51.22	ug/l	99
74) N-amyl acetate	6.48	43	421745	52.04	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	269337	51.11	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	320834	61.38	ug/l	88
77) Bromobenzene	11.26	156	259684	50.06	ug/l	99
78) n-propylbenzene	11.37	91	1015343	52.26	ug/l	100
79) 2-Chlorotoluene	11.43	91	605384	50.63	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	769975	51.83	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	77916	47.74	ug/l	98
82) 4-Chlorotoluene	11.52	91	711831	51.61	ug/l	100
83) tert-Butylbenzene	11.77	119	761434	51.52	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	794382	52.03	ug/l	99
85) sec-Butylbenzene	11.95	105	931679	52.51	ug/l	99
86) p-Isopropyltoluene	12.07	119	864676	53.13	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	467271	50.39	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	474292	50.15	ug/l	99
89) n-Butylbenzene	12.40	91	709692	52.63	ug/l	99
90) Hexachloroethane	12.60	117	131732	53.75	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	471224	49.95	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	63442	54.80	ug/l	100

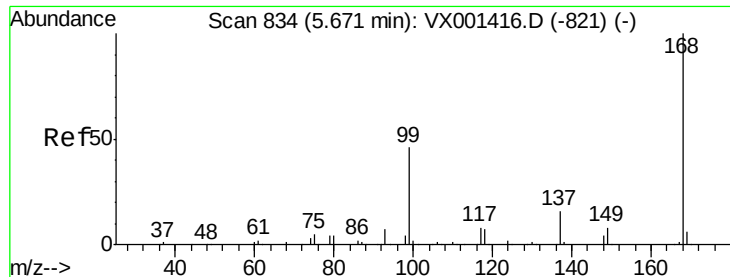
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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	365472	52.94	ug/l	100
94) Hexachlorobutadiene	13.79	225	192577	50.98	ug/l	100
95) Naphthalene	13.84	128	1041099	54.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	370937	52.37	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

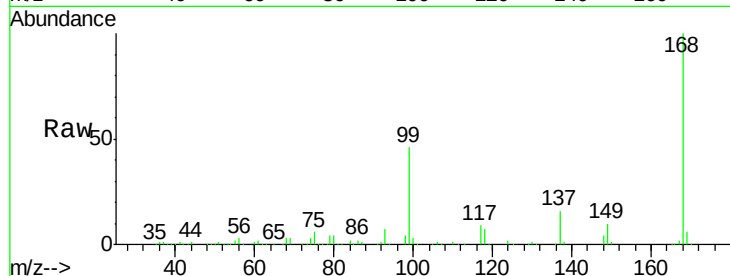
BFB

Tgt Ion:168 Resp: 290536

Ion Ratio Lower Upper

168 100

99 46.3 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

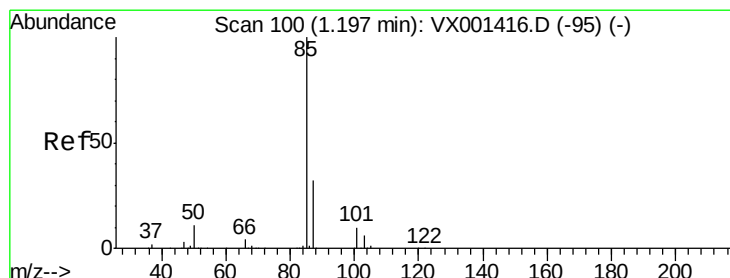
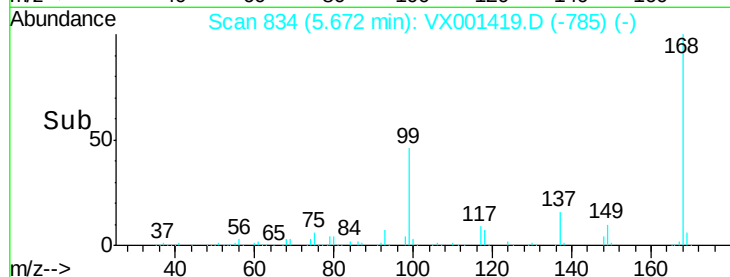
0

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.72 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001419.D

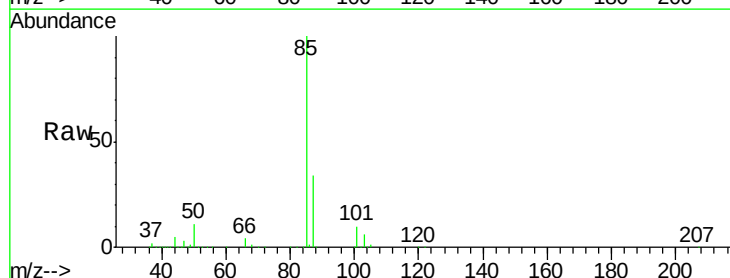
Acq: 05 May 2018 14:44

Tgt Ion: 85 Resp: 202281

Ion Ratio Lower Upper

85 100

87 33.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

100000

50000

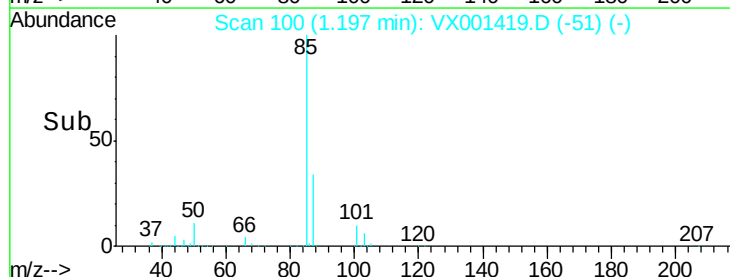
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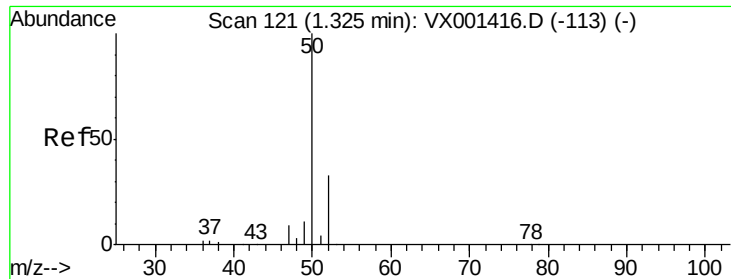
1.10

1.20

1.30

Time-->





#3

Chloromethane

Concen: 53.41 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

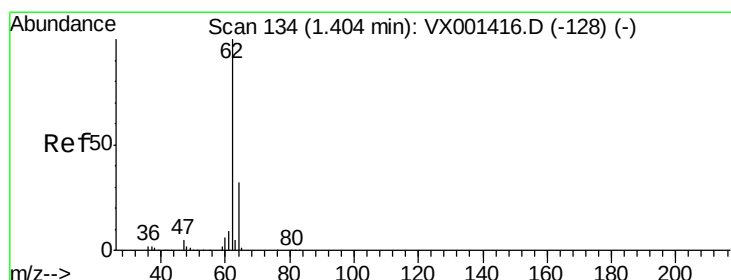
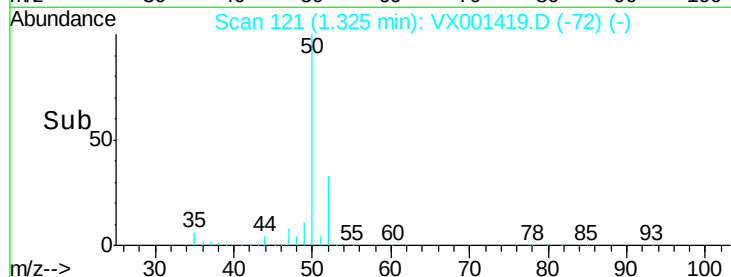
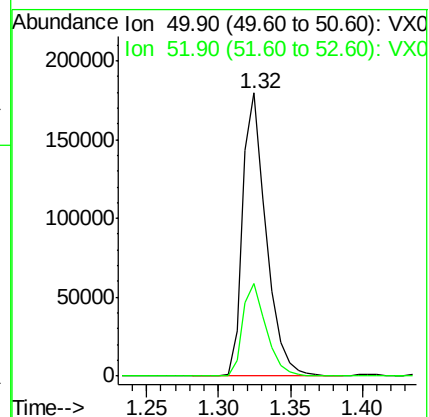
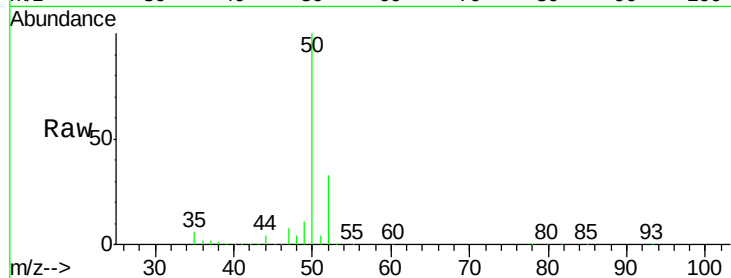
BFB

Tgt Ion: 50 Resp: 203429

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.4



#4

Vinyl Chloride

Concen: 50.03 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001419.D

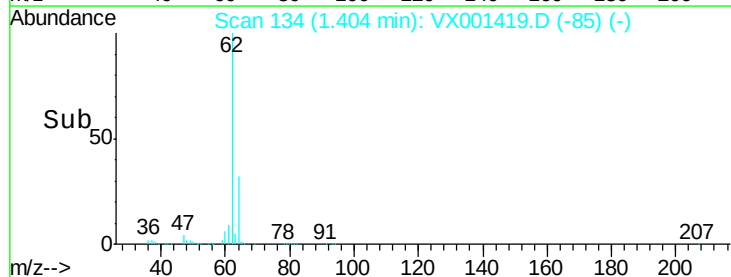
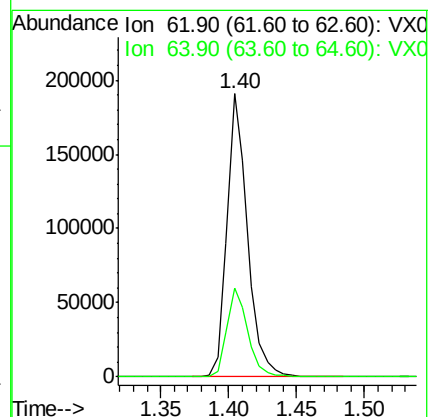
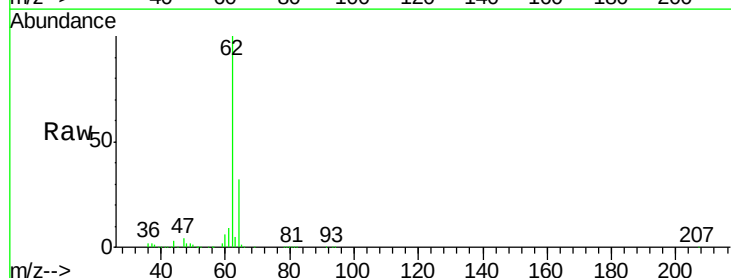
Acq: 05 May 2018 14:44

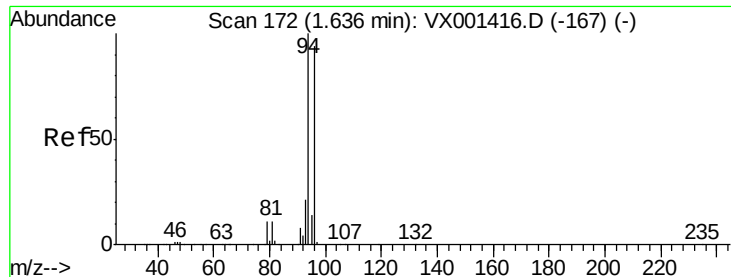
Tgt Ion: 62 Resp: 198893

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.6





#5

Bromomethane

Concen: 59.17 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampled :

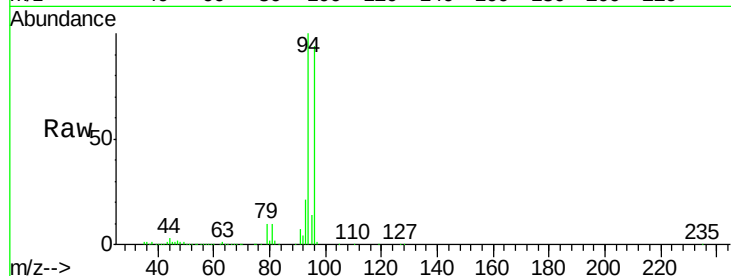
BFB

Tgt Ion: 94 Resp: 106516

Ion Ratio Lower Upper

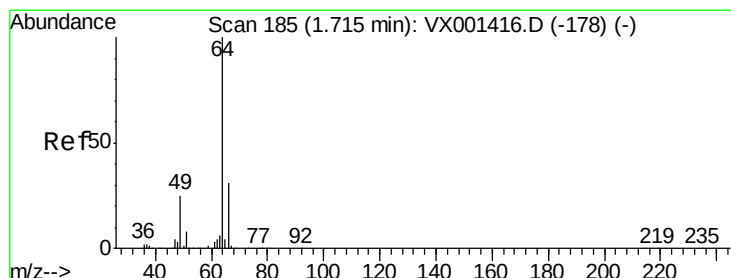
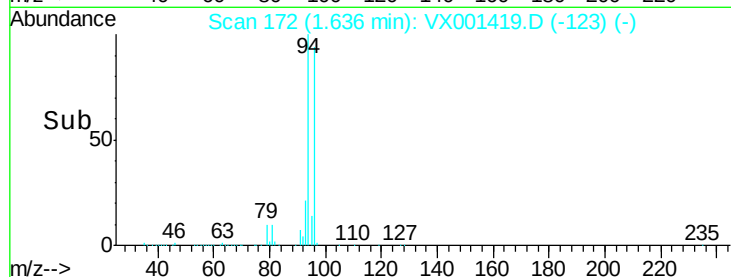
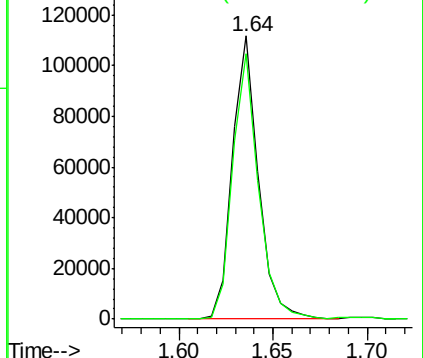
94 100

96 93.8 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.90 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX001419.D

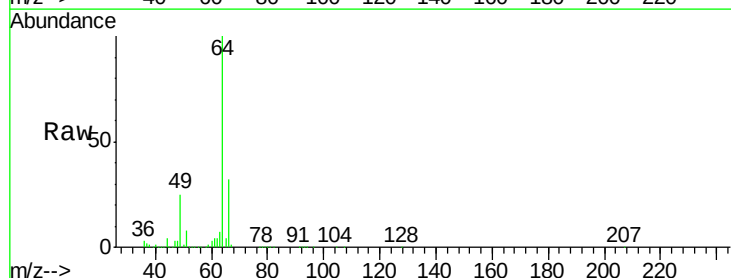
Acq: 05 May 2018 14:44

Tgt Ion: 64 Resp: 125876

Ion Ratio Lower Upper

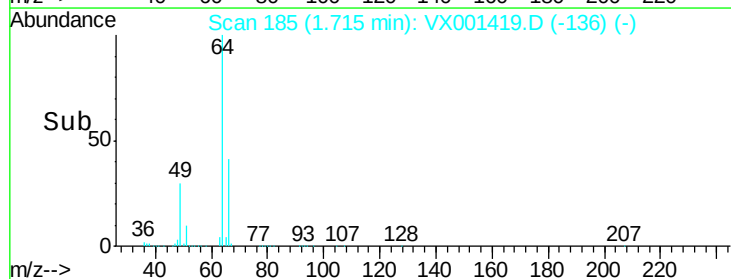
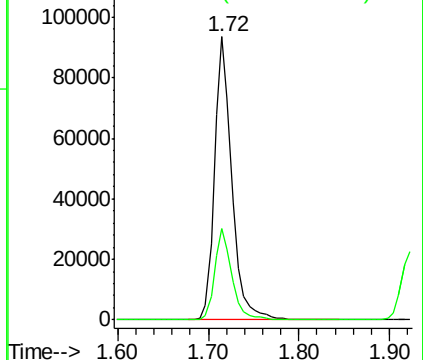
64 100

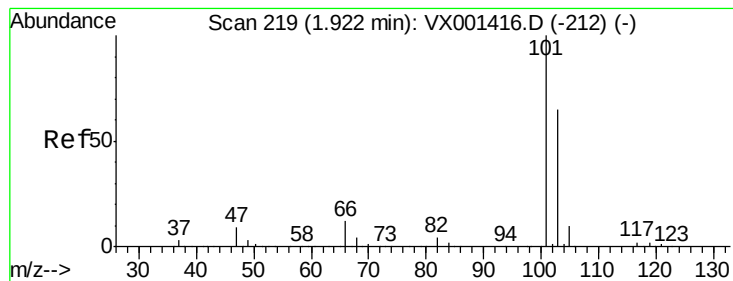
66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



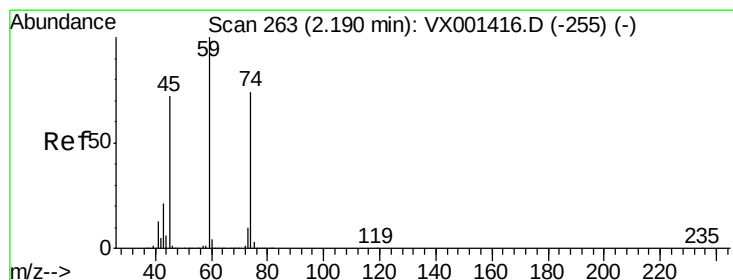
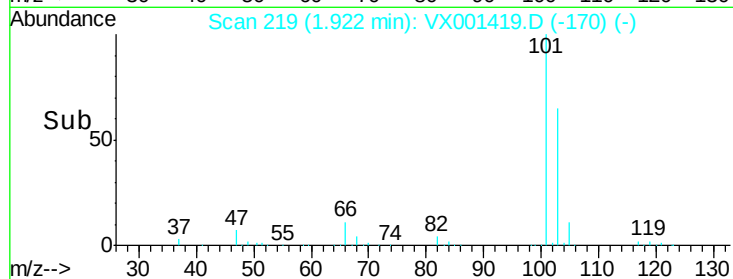
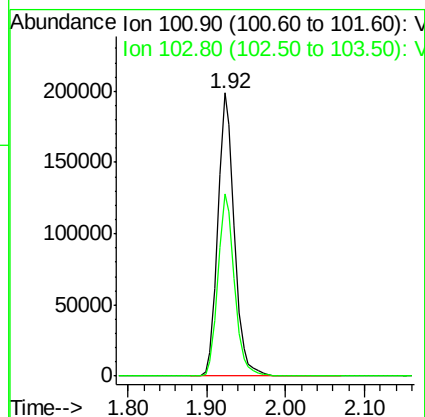
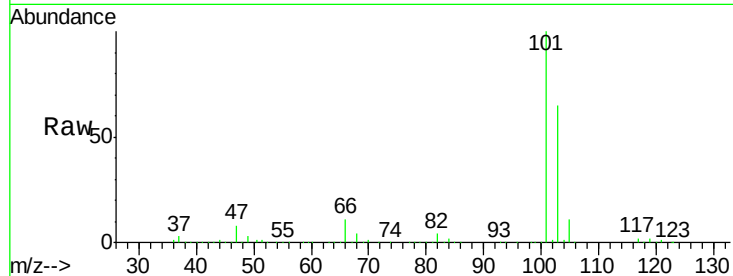


#7

Trichlorofluoromethane
 Concen: 48.39 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX001419.D
 Acq: 05 May 2018 14:44

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

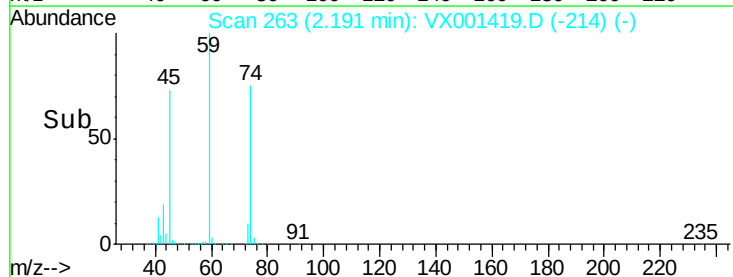
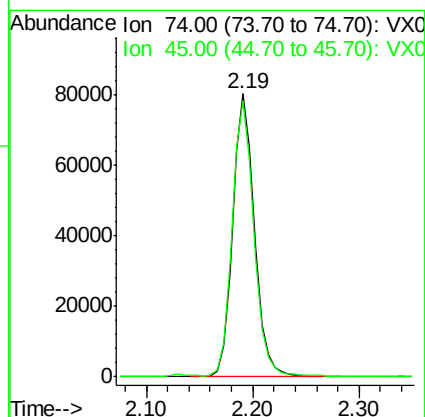
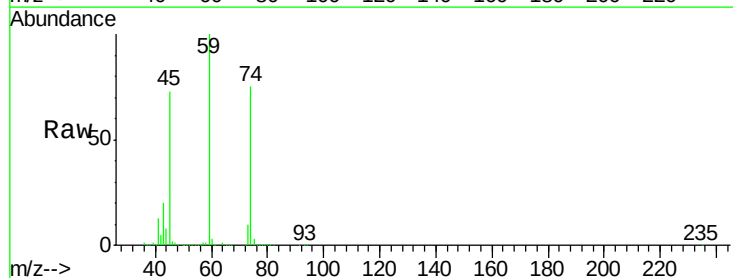
Tgt Ion: 101 Resp: 289530
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.0 78.0

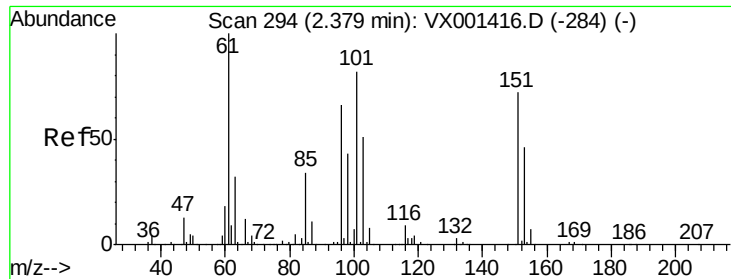


#8

Diethyl Ether
 Concen: 49.04 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001419.D
 Acq: 05 May 2018 14:44

Tgt Ion: 74 Resp: 115005
 Ion Ratio Lower Upper
 74 100
 45 97.2 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.58 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampled :

BFB

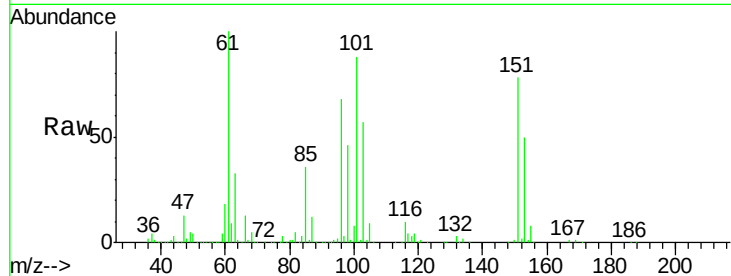
Tgt Ion:101 Resp: 170402

Ion Ratio Lower Upper

101 100

85 42.2 33.7 50.5

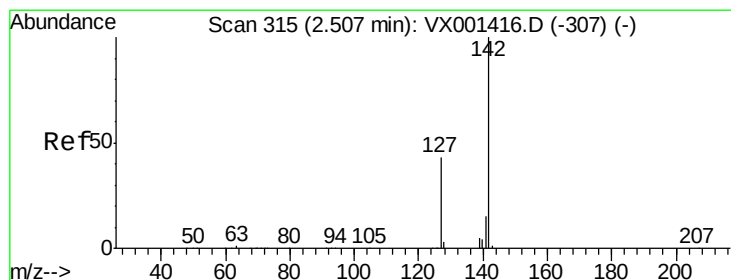
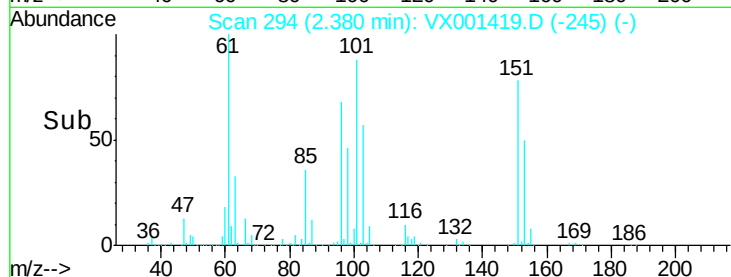
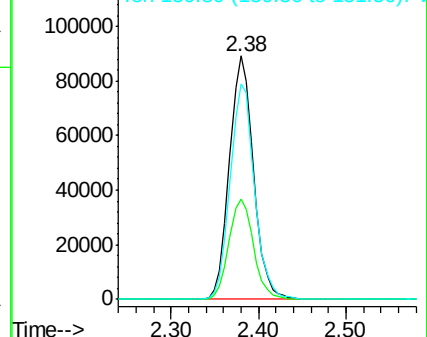
151 89.8 72.3 108.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.73 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

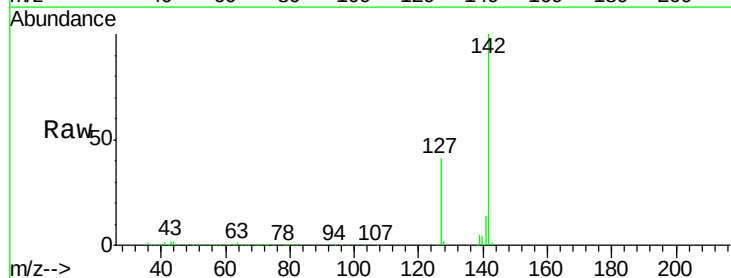
Tgt Ion:142 Resp: 221299

Ion Ratio Lower Upper

142 100

127 41.5 33.6 50.4

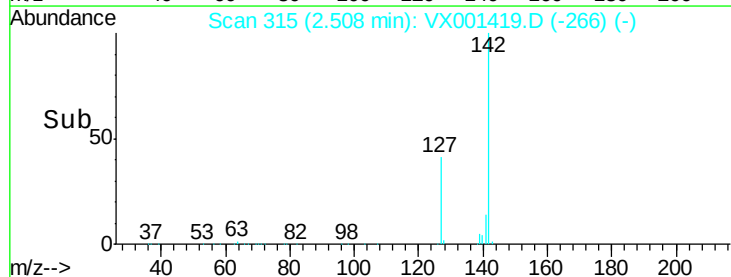
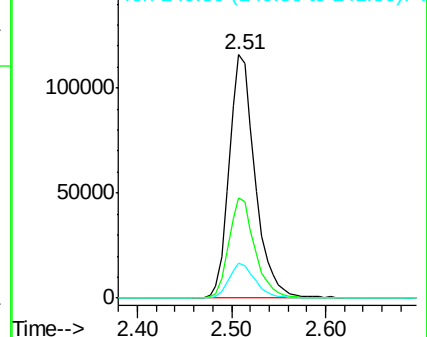
141 14.4 11.4 17.2

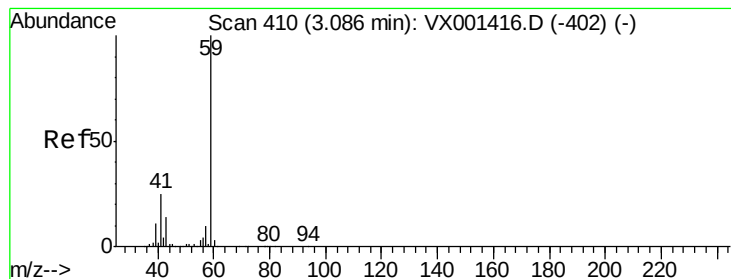


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



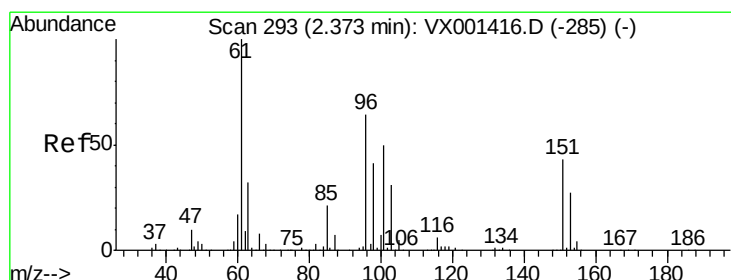
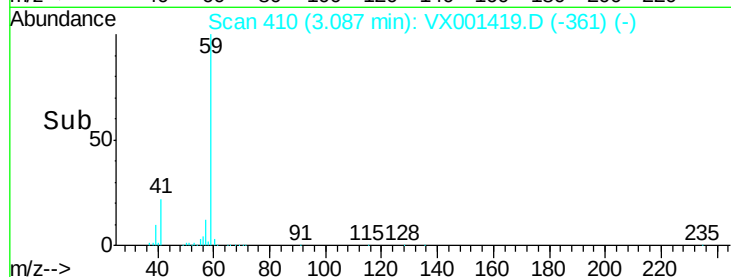
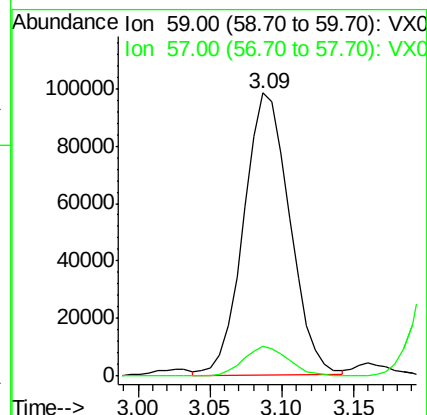
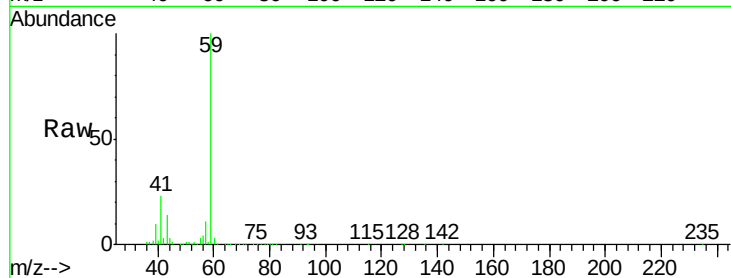


#11

Tert butyl alcohol
Concen: 247.78 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

Instrument :
MSVOA_X
ClientSampled :
BFB

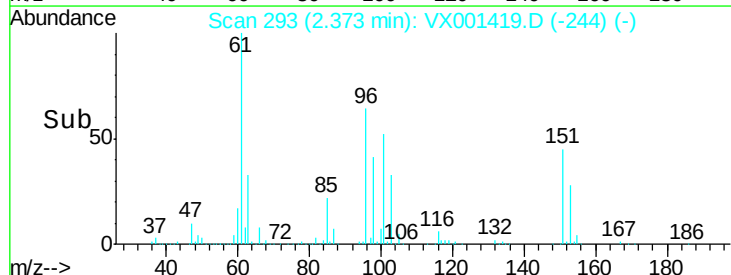
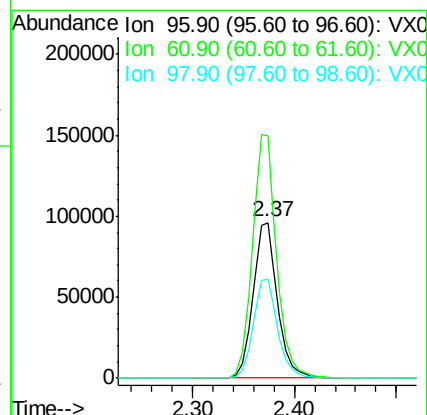
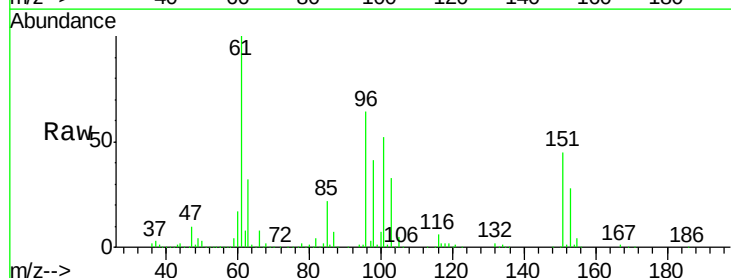
Tgt Ion: 59 Resp: 218158
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

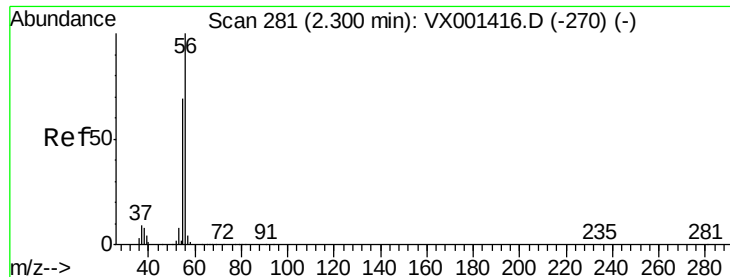


#12

1,1-Dichloroethene
Concen: 49.47 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

Tgt Ion: 96 Resp: 159034
Ion Ratio Lower Upper
96 100
61 155.7 125.7 188.5
98 64.0 52.0 78.0





#13

Acrolein

Concen: 253.94 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

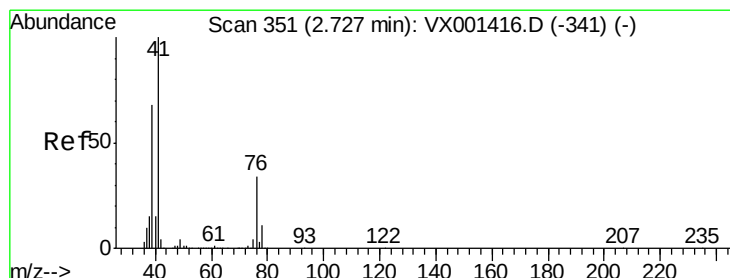
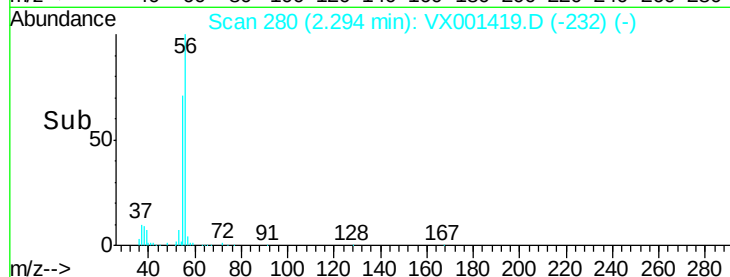
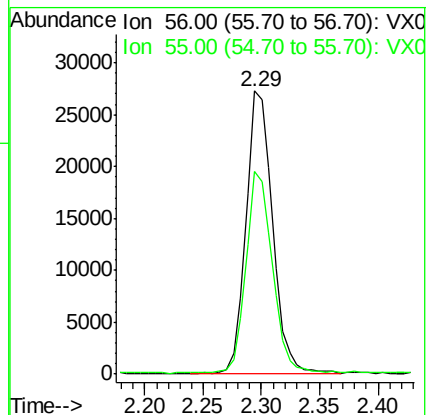
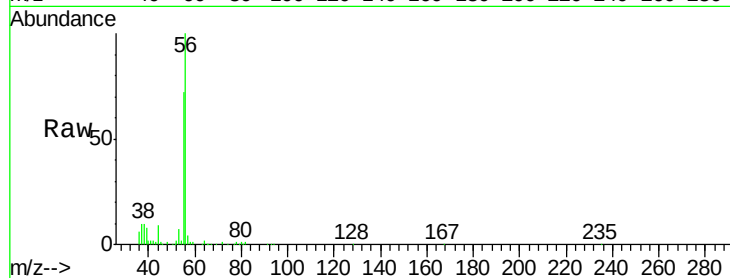
BFB

Tgt Ion: 56 Resp: 44042

Ion Ratio Lower Upper

56 100

55 70.7 54.5 81.7



#14

Allyl chloride

Concen: 49.85 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

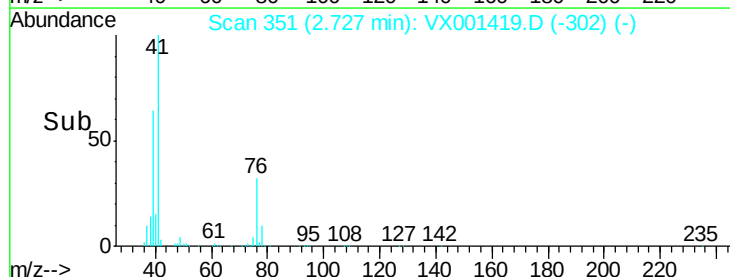
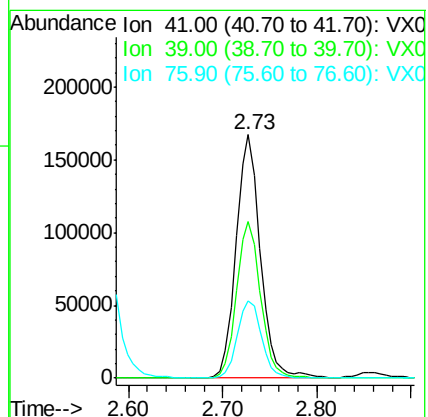
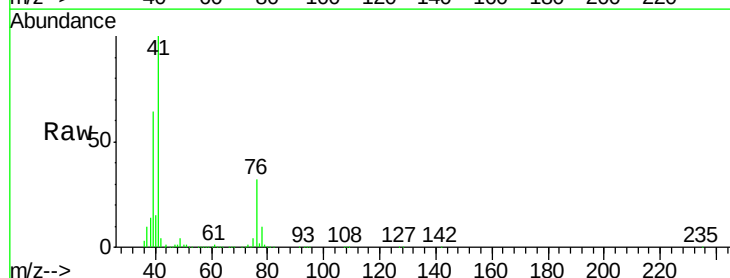
Tgt Ion: 41 Resp: 298801

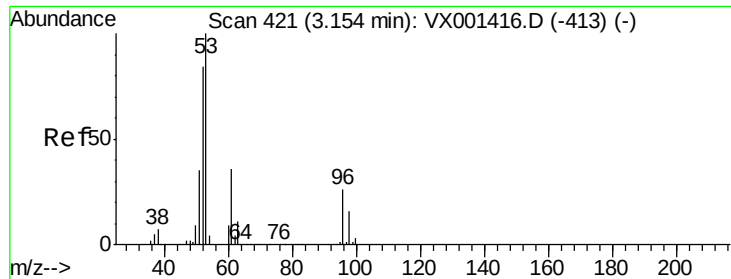
Ion Ratio Lower Upper

41 100

39 63.6 52.4 78.6

76 31.9 25.8 38.6

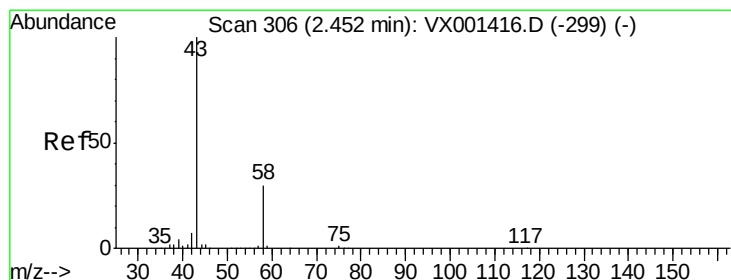
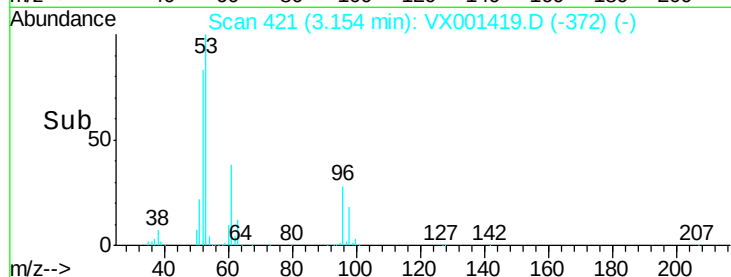
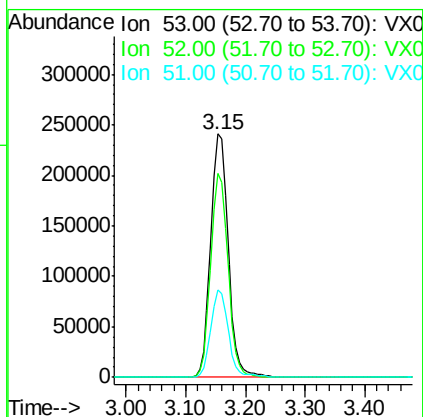
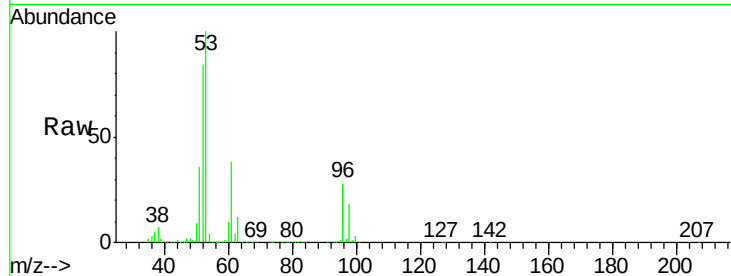




#15
 Acrylonitrile
 Concen: 245.81 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX001419.D
 Acq: 05 May 2018 14:44

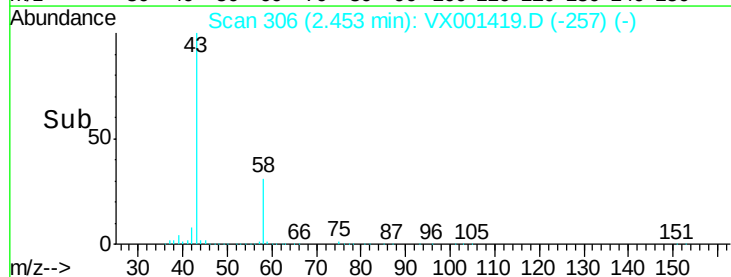
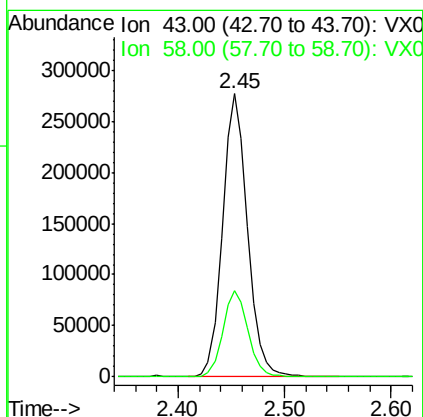
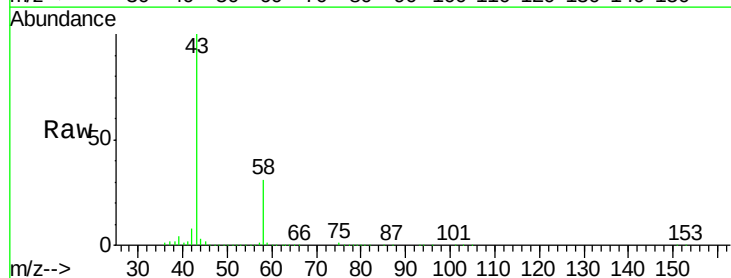
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

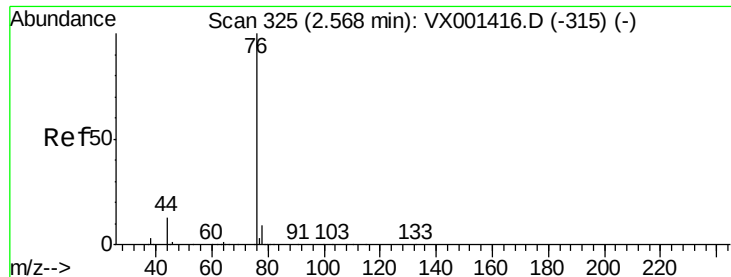
Tgt Ion: 53 Resp: 489054
 Ion Ratio Lower Upper
 53 100
 52 82.2 66.2 99.2
 51 35.8 28.6 43.0



#16
 Acetone
 Concen: 237.40 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX001419.D
 Acq: 05 May 2018 14:44

Tgt Ion: 43 Resp: 450151
 Ion Ratio Lower Upper
 43 100
 58 30.5 23.8 35.8





#17

Carbon Disulfide

Concen: 52.39 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

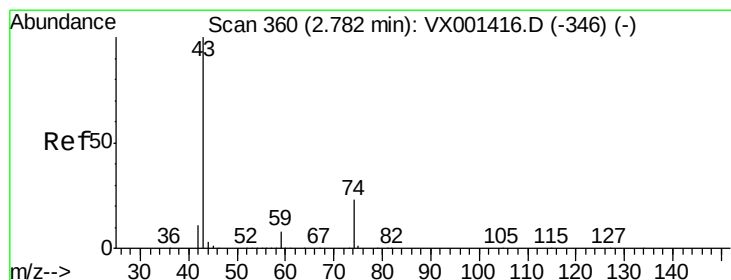
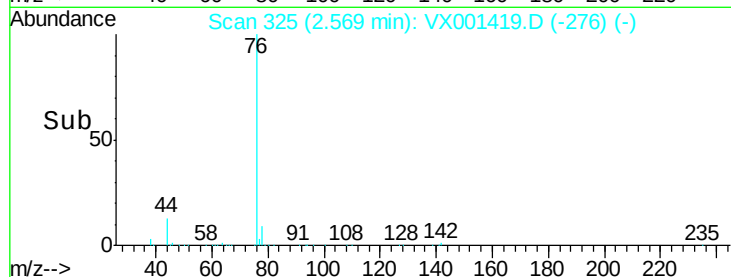
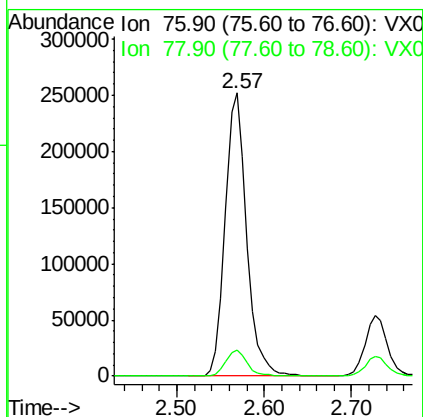
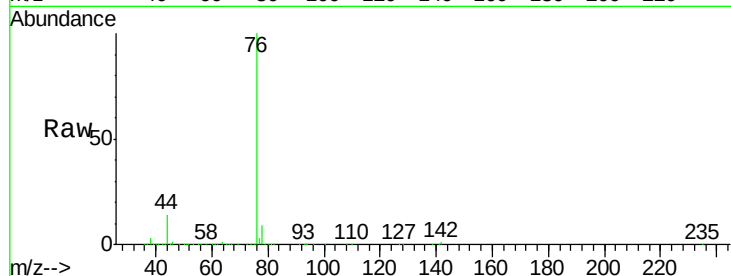
BFB

Tgt Ion: 76 Resp: 428601

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2



#18

Methyl Acetate

Concen: 48.69 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001419.D

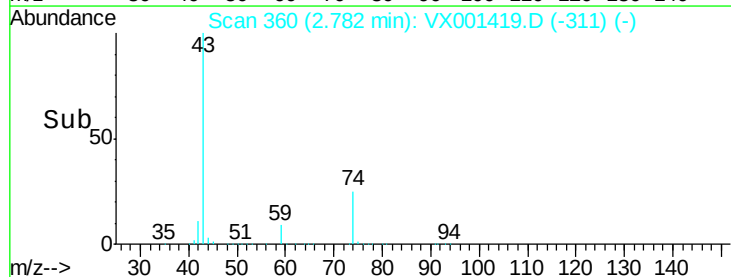
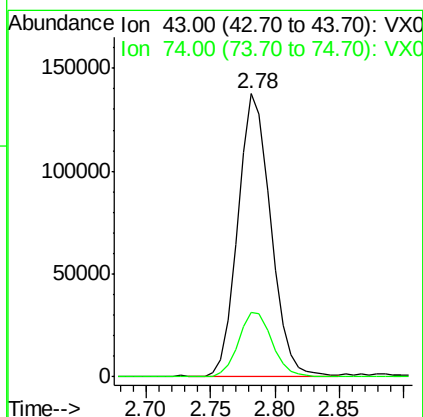
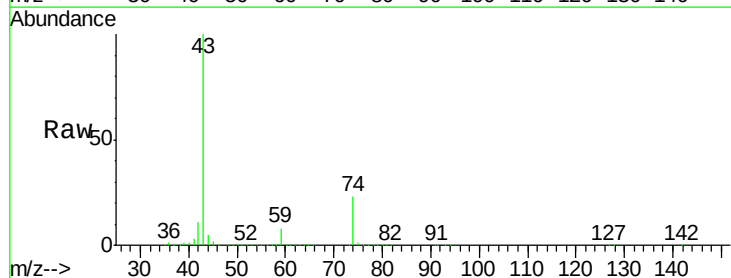
Acq: 05 May 2018 14:44

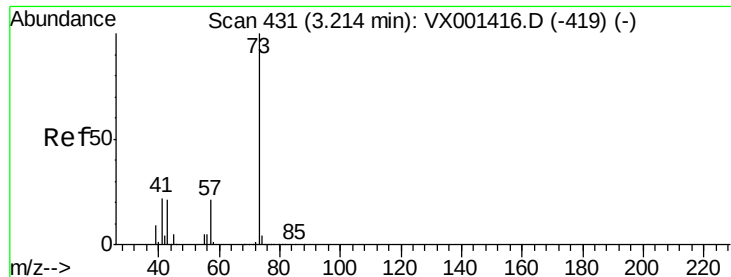
Tgt Ion: 43 Resp: 242561

Ion Ratio Lower Upper

43 100

74 23.4 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 49.23 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

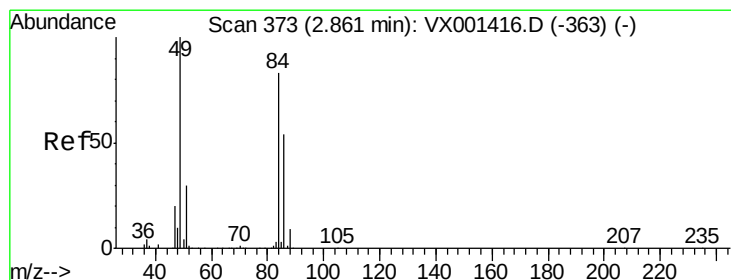
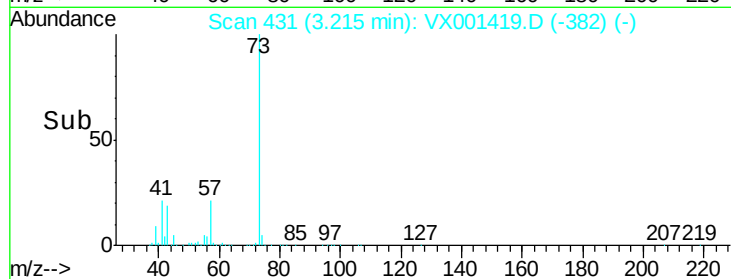
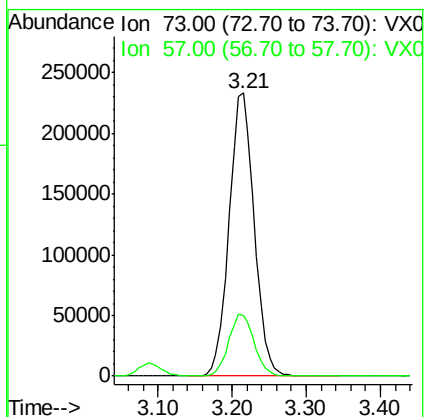
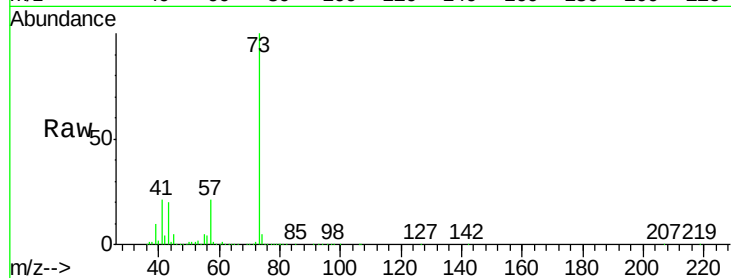
BFB

Tgt Ion: 73 Resp: 551055

Ion Ratio Lower Upper

73 100

57 21.5 17.0 25.6



#20

Methylene Chloride

Concen: 47.01 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Tgt Ion: 84 Resp: 176510

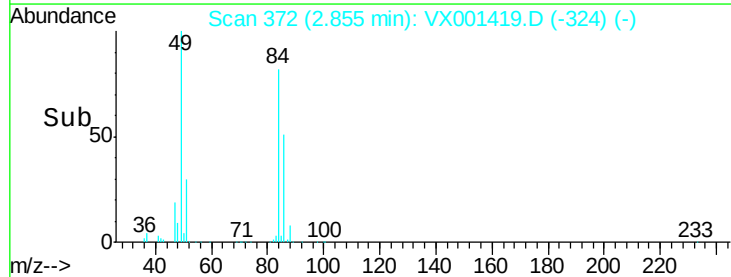
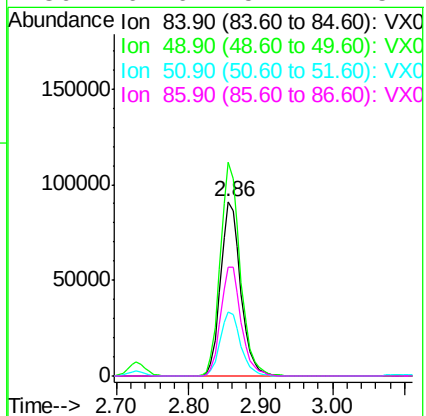
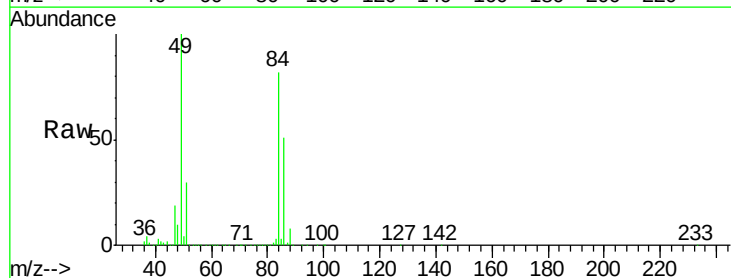
Ion Ratio Lower Upper

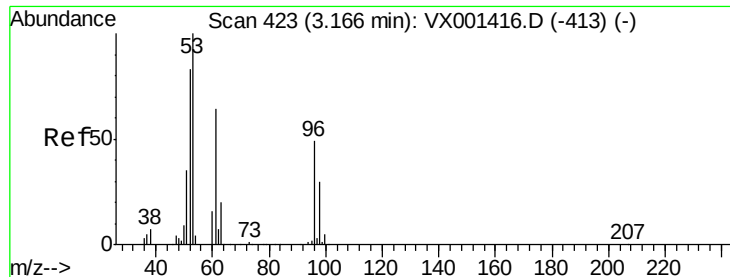
84 100

49 122.5 96.6 144.8

51 36.7 29.0 43.4

86 62.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 47.97 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

BFB

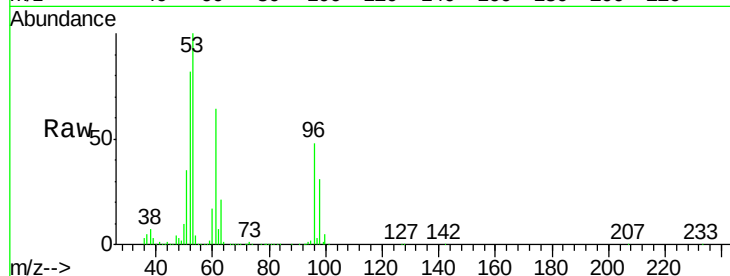
Tgt Ion: 96 Resp: 172121

Ion Ratio Lower Upper

96 100

61 133.4 105.0 157.4

98 64.4 49.9 74.9

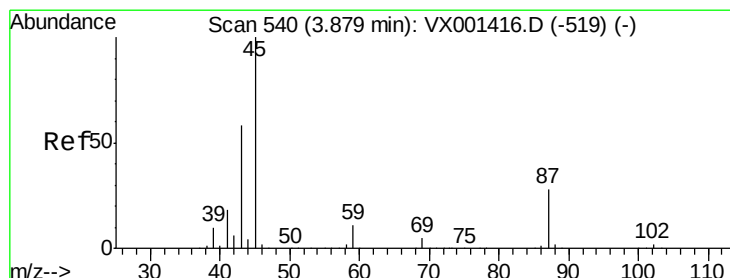
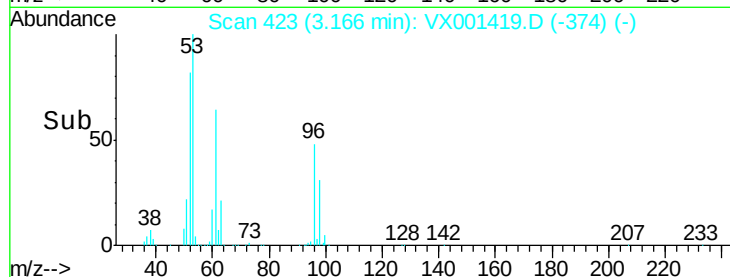
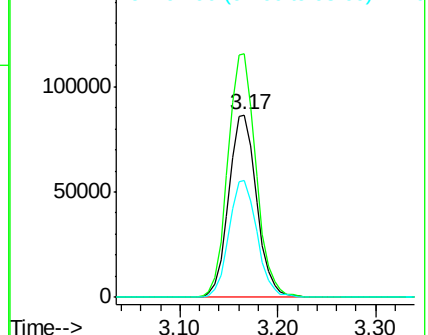


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.46 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Tgt Ion: 45 Resp: 553934

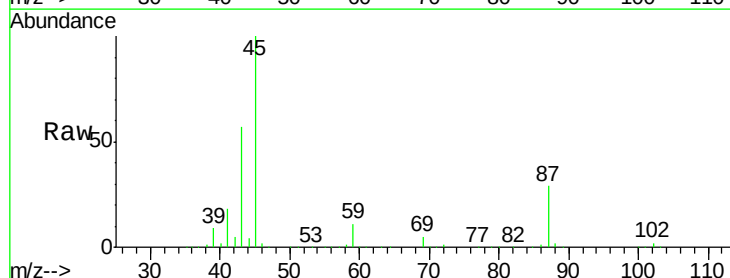
Ion Ratio Lower Upper

45 100

43 56.9 46.5 69.7

87 28.6 22.6 34.0

59 11.3 9.1 13.7



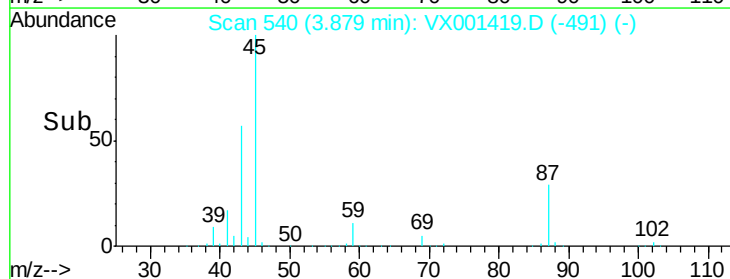
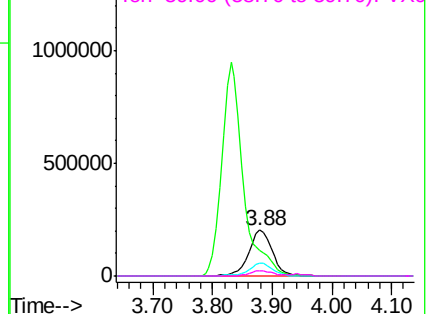
Abundance

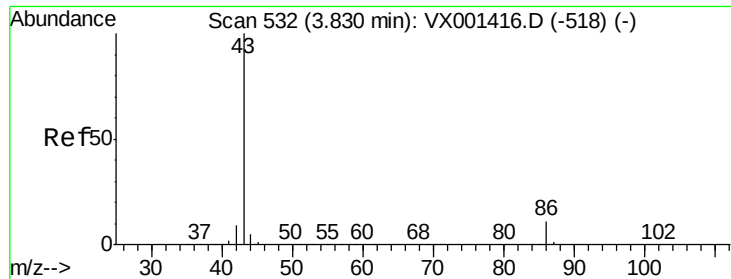
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 256.46 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

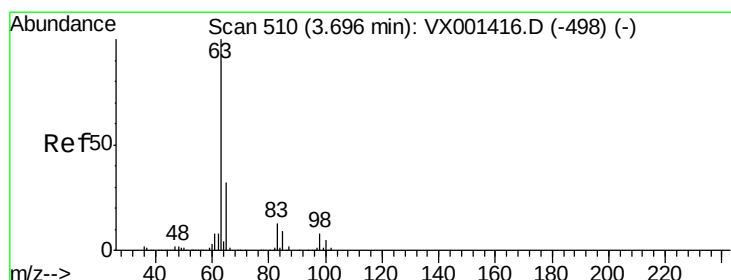
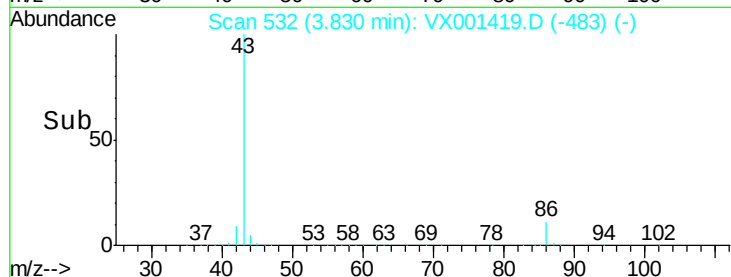
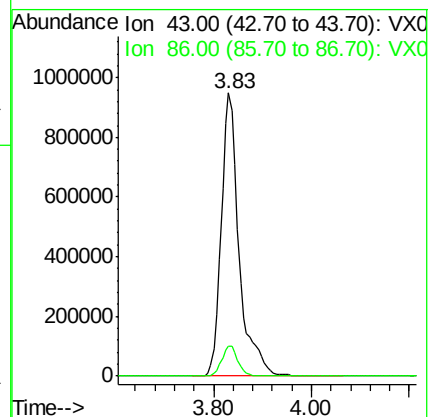
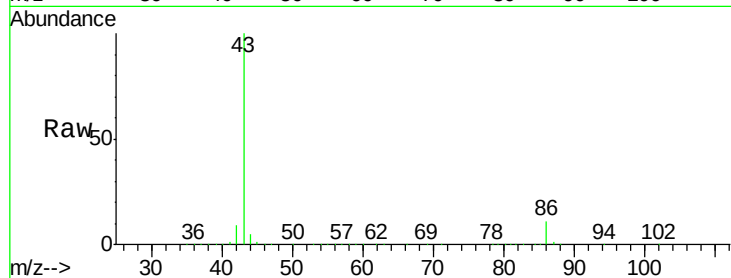
BFB

Tgt Ion: 43 Resp: 2393751

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



#24

1,1-Dichloroethane

Concen: 48.92 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

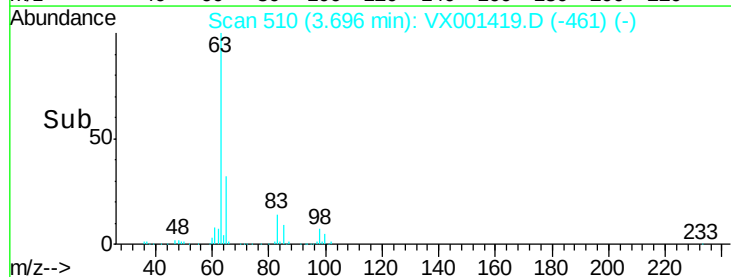
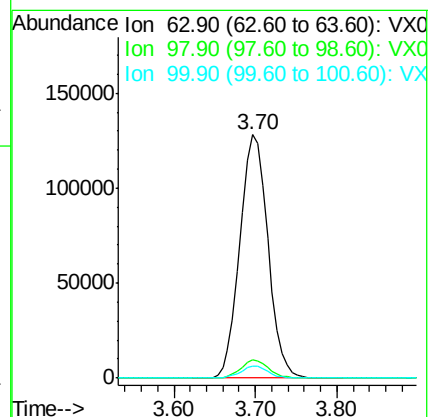
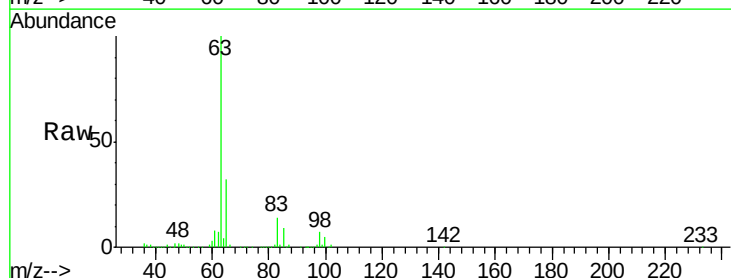
Tgt Ion: 63 Resp: 306022

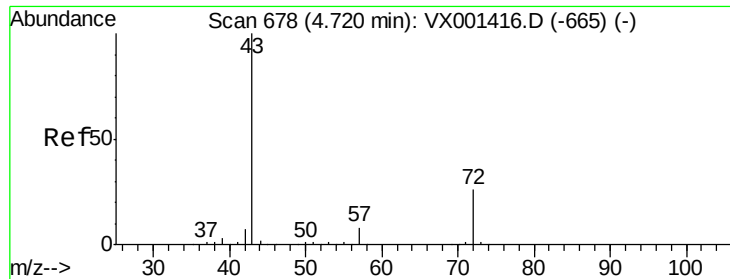
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 249.35 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampled :

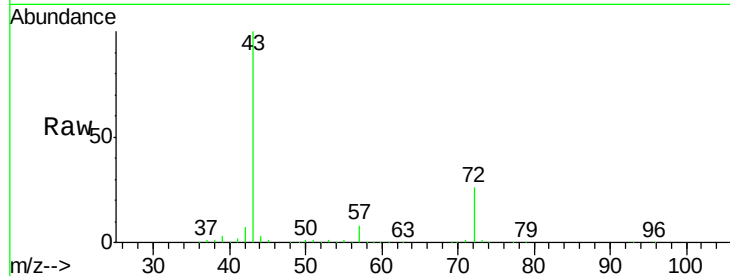
BFB

Tgt Ion: 43 Resp: 683453

Ion Ratio Lower Upper

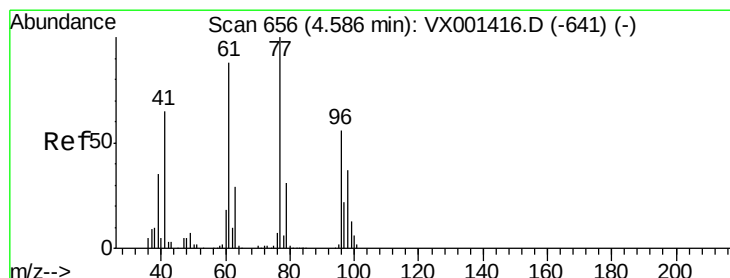
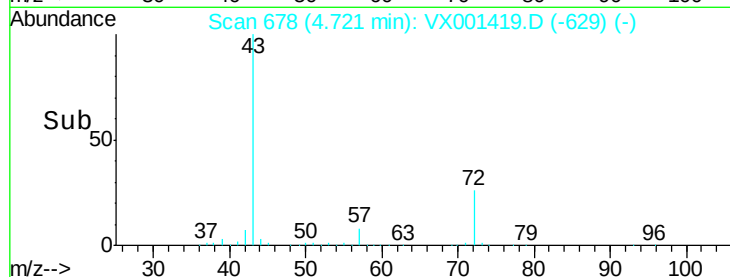
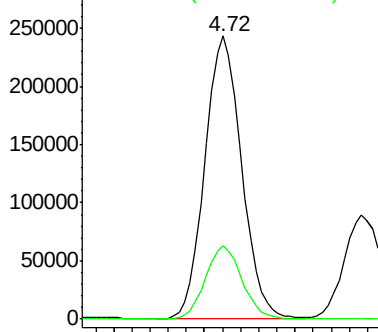
43 100

72 25.8 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.62 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001419.D

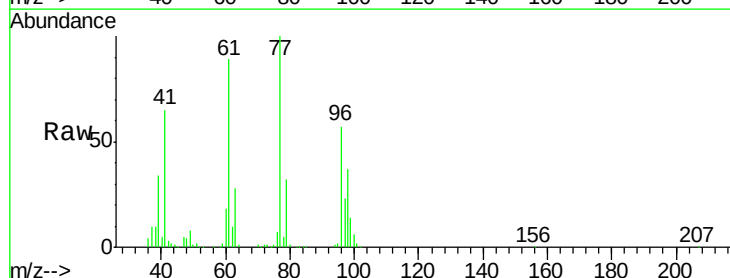
Acq: 05 May 2018 14:44

Tgt Ion: 77 Resp: 249383

Ion Ratio Lower Upper

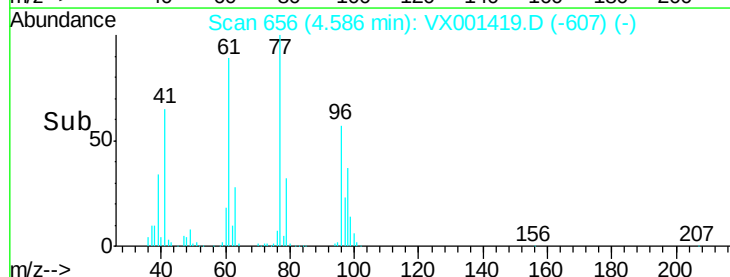
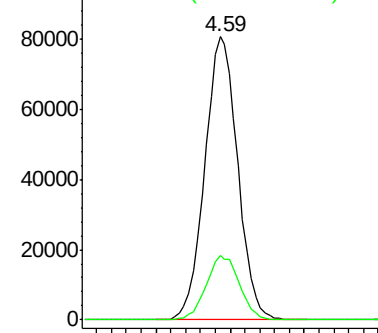
77 100

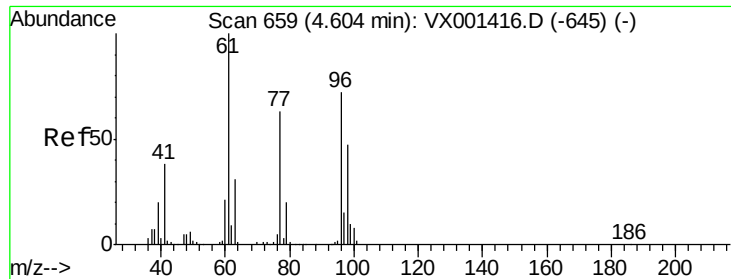
97 23.1 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 49.55 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

BFB

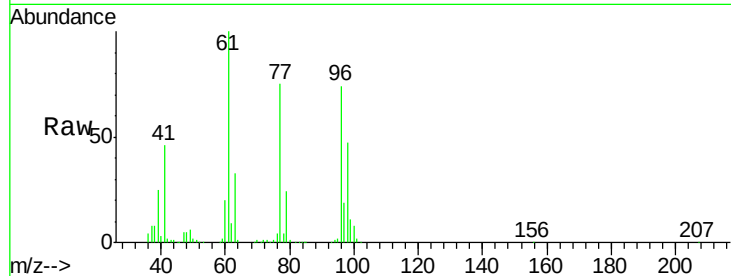
Tgt Ion: 96 Resp: 189316

Ion Ratio Lower Upper

96 100

61 147.7 0.0 301.6

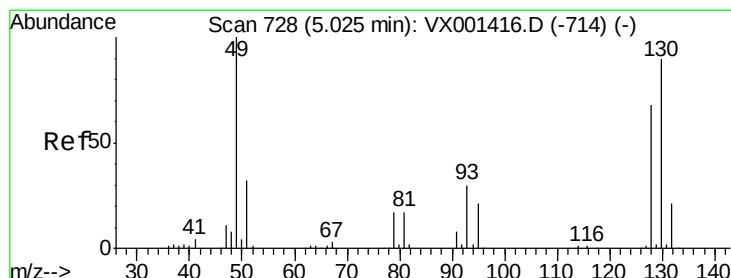
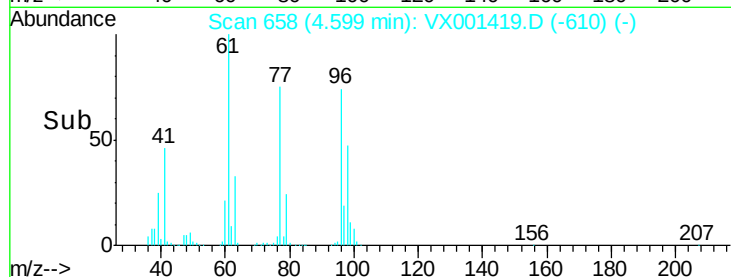
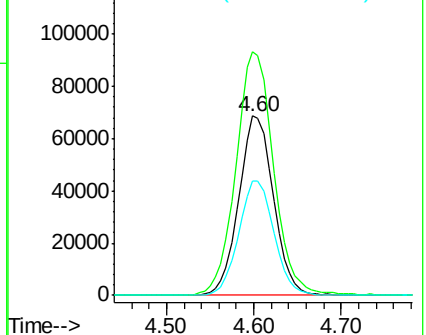
98 65.0 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 48.18 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

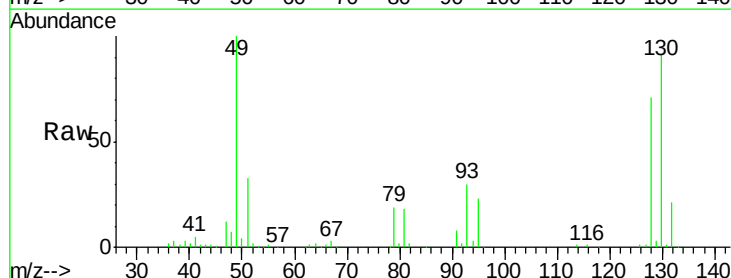
Tgt Ion: 49 Resp: 130692

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

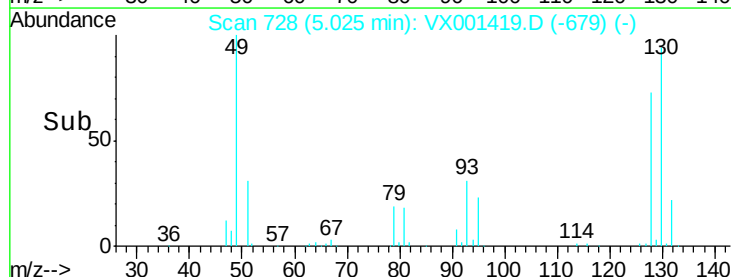
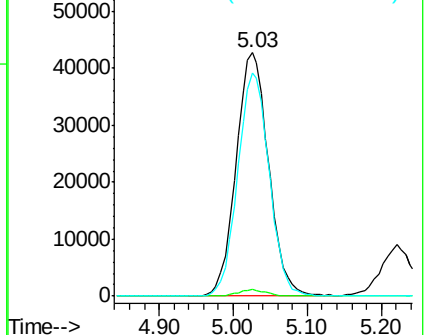
130 89.0 71.9 107.9

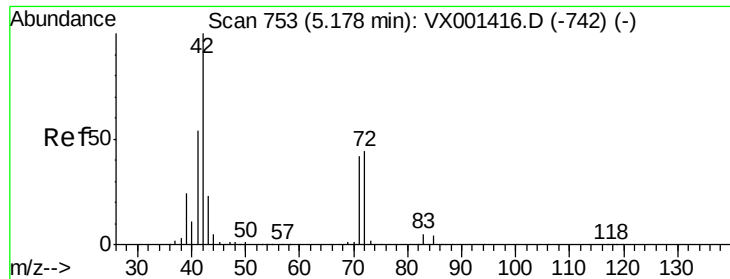


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 250.42 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

BFB

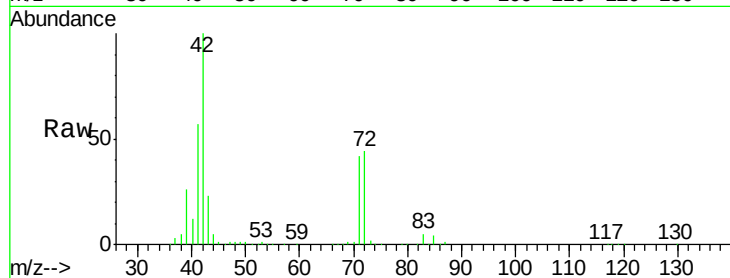
Tgt Ion: 42 Resp: 439176

Ion Ratio Lower Upper

42 100

72 44.3 35.4 53.2

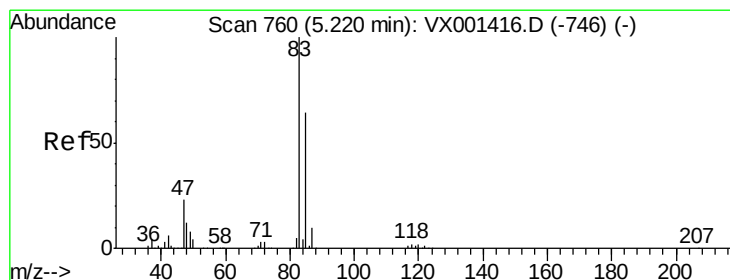
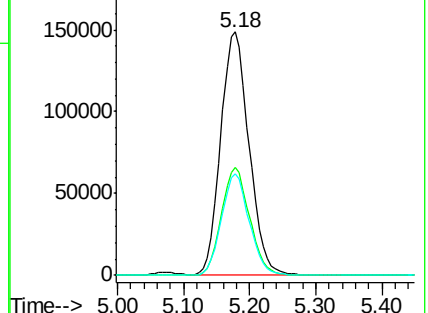
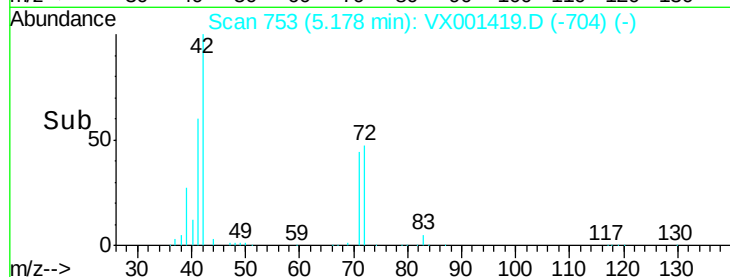
71 41.3 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.95 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001419.D

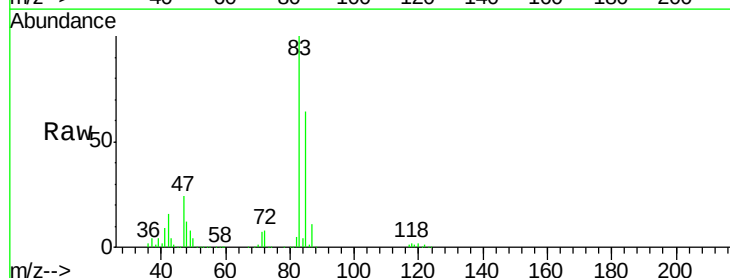
Acq: 05 May 2018 14:44

Tgt Ion: 83 Resp: 315426

Ion Ratio Lower Upper

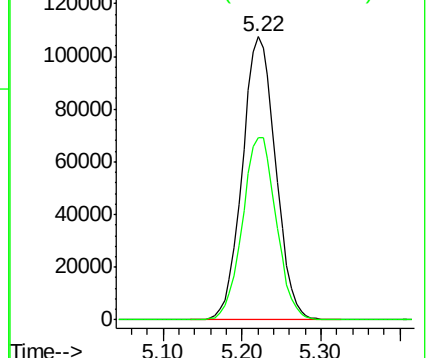
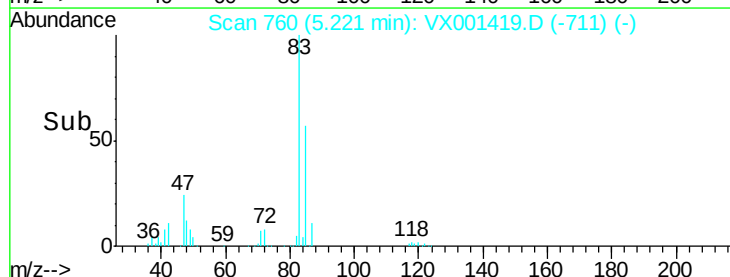
83 100

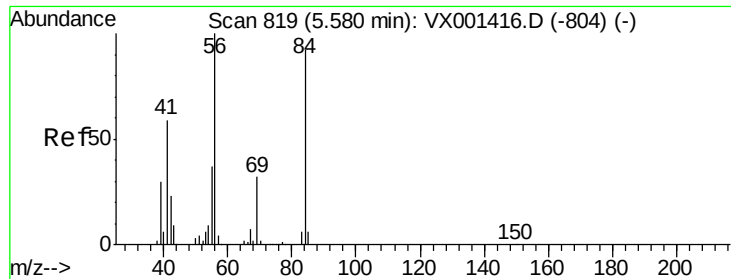
85 64.5 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

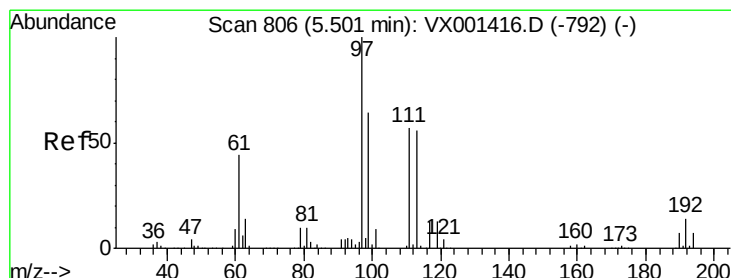
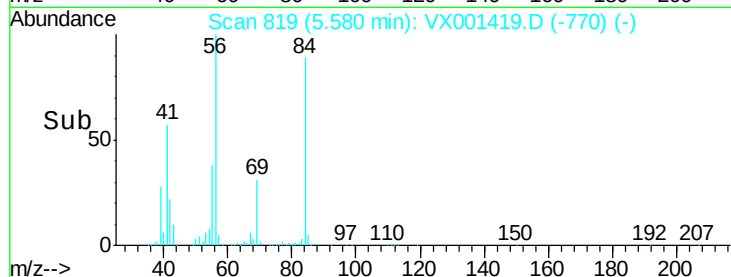
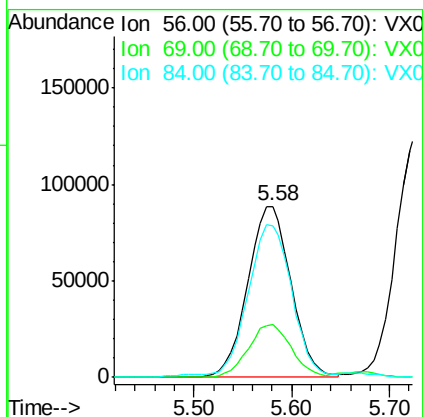
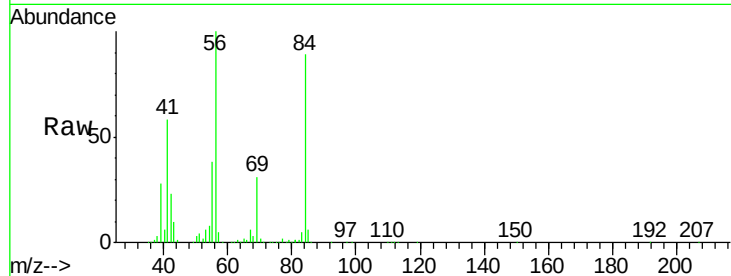




#31
Cyclohexane
Concen: 50.45 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

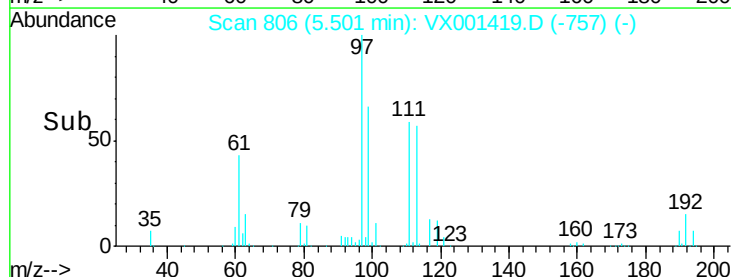
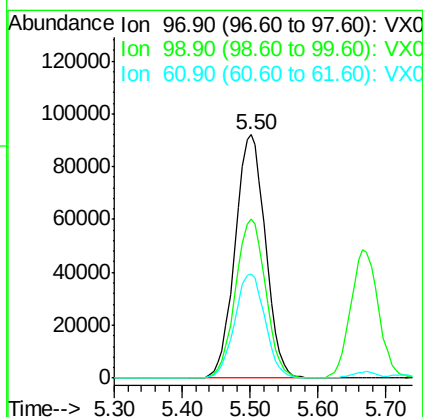
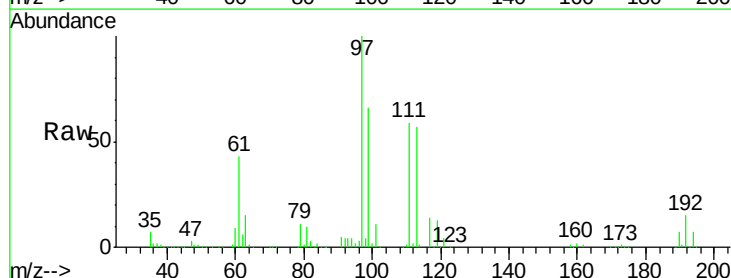
Instrument :
MSVOA_X
ClientSampled :
BFB

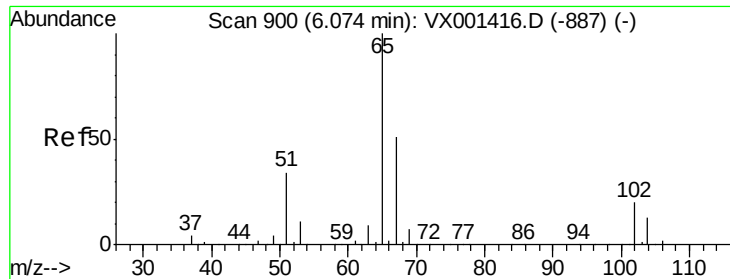
Tgt Ion: 56 Resp: 271094
Ion Ratio Lower Upper
56 100
69 31.2 25.4 38.0
84 87.1 73.8 110.8



#32
1,1,1-Trichloroethane
Concen: 50.54 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

Tgt Ion: 97 Resp: 284631
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 43.2 34.8 52.2

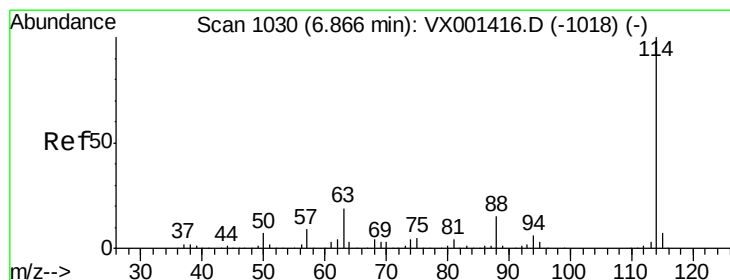
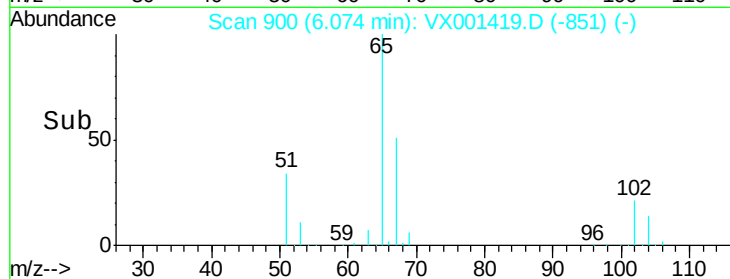
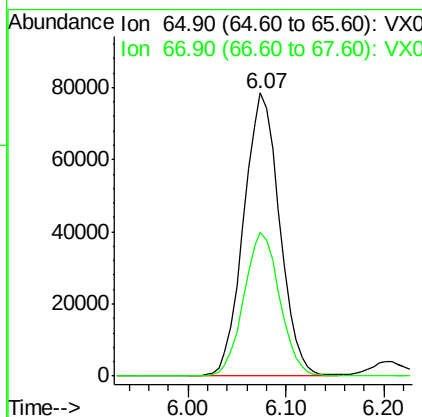
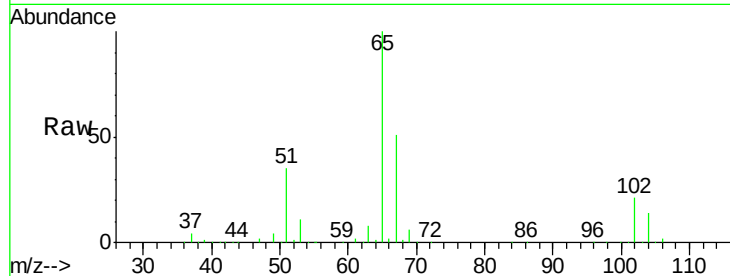




#33
 1,2-Dichloroethane-d4
 Concen: 47.92 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001419.D
 Acq: 05 May 2018 14:44

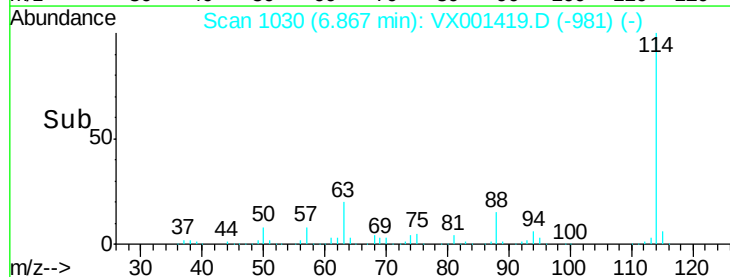
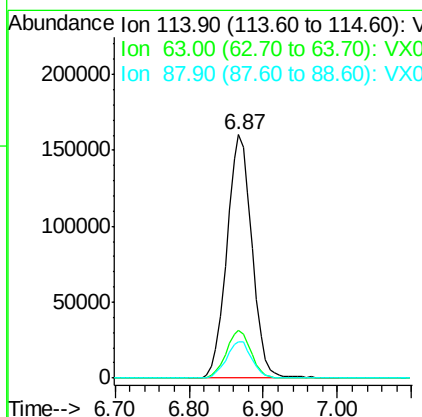
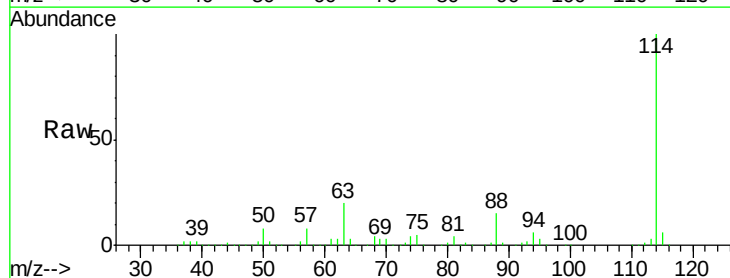
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

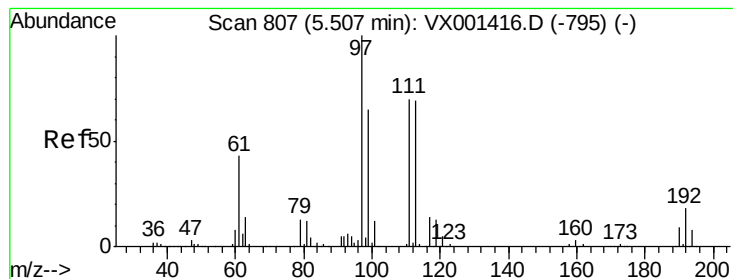
Tgt Ion: 65 Resp: 200100
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001419.D
 Acq: 05 May 2018 14:44

Tgt Ion: 114 Resp: 377635
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.61 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

BFB

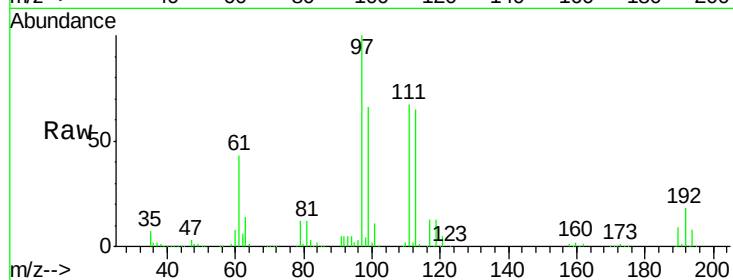
Tgt Ion:113 Resp: 166657

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

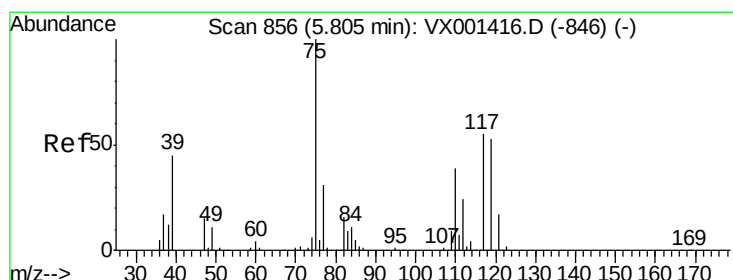
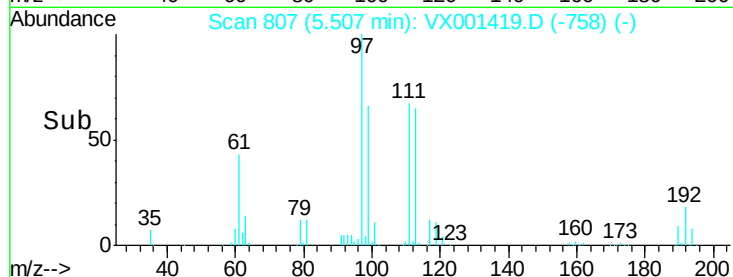
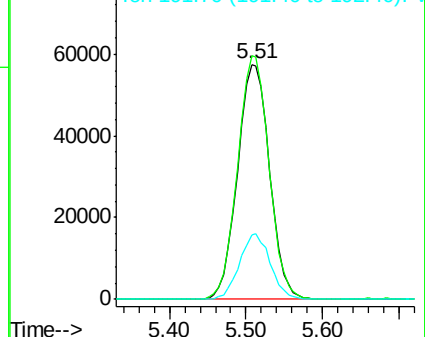
192 26.8 21.4 32.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.48 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

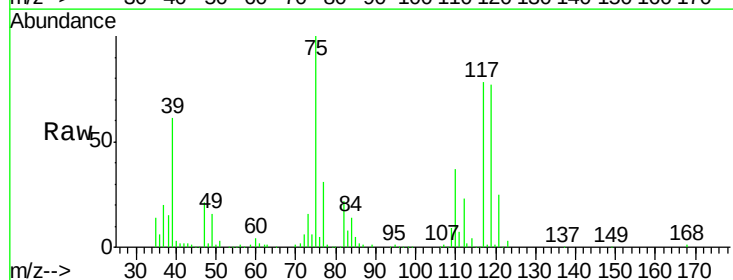
Tgt Ion: 75 Resp: 237702

Ion Ratio Lower Upper

75 100

110 37.7 18.9 56.7

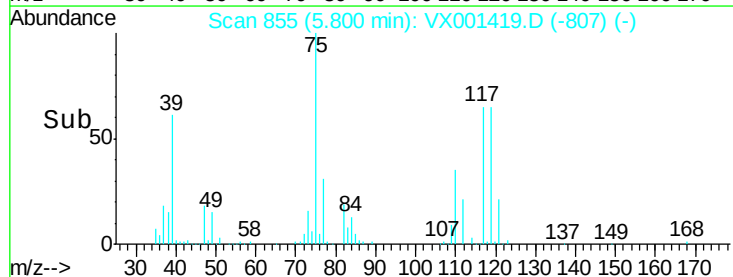
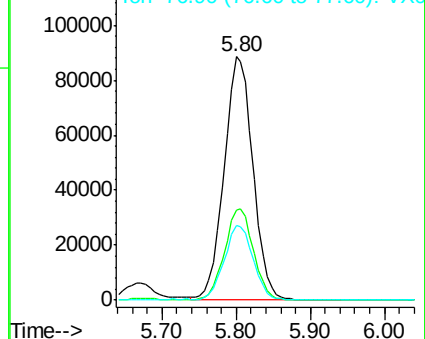
77 30.7 24.9 37.3

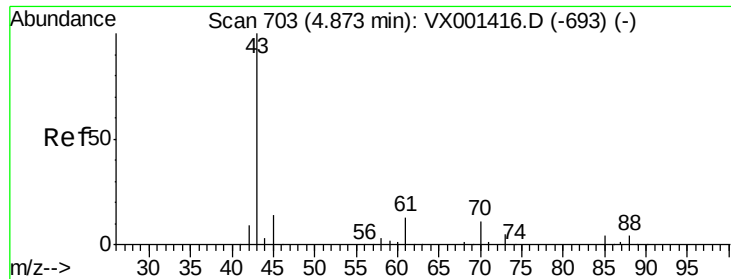


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 49.68 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

BFB

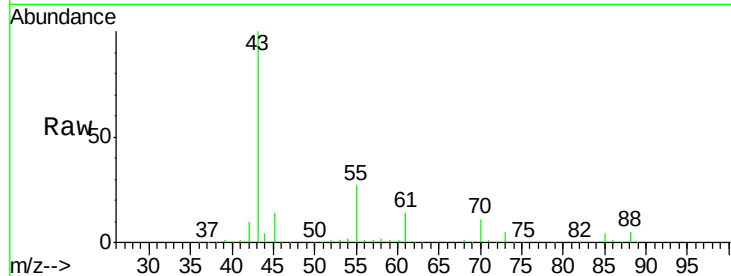
Tgt Ion: 43 Resp: 261620

Ion Ratio Lower Upper

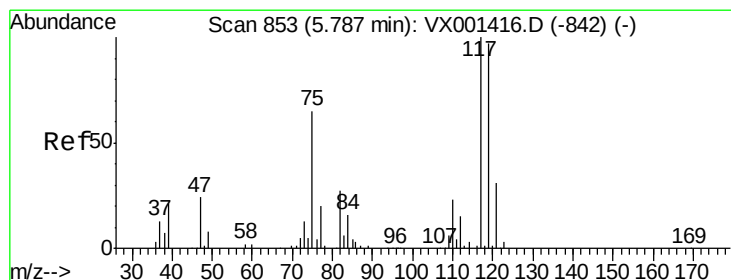
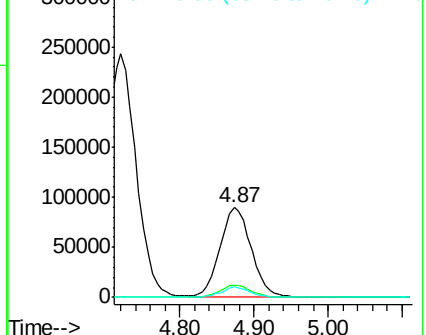
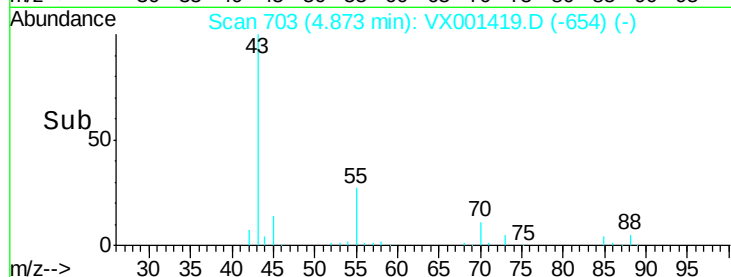
43 100

61 13.6 10.7 16.1

70 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX001419.D (-654) (-)



#38

Carbon Tetrachloride

Concen: 50.83 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

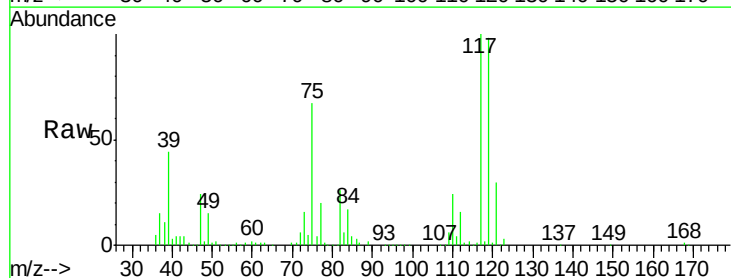
Tgt Ion: 117 Resp: 260435

Ion Ratio Lower Upper

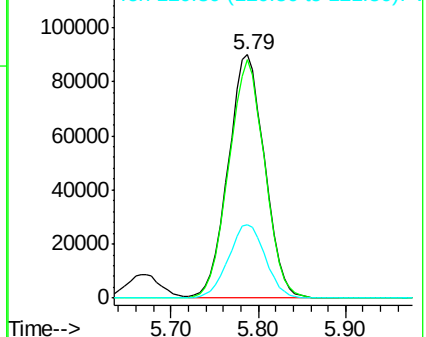
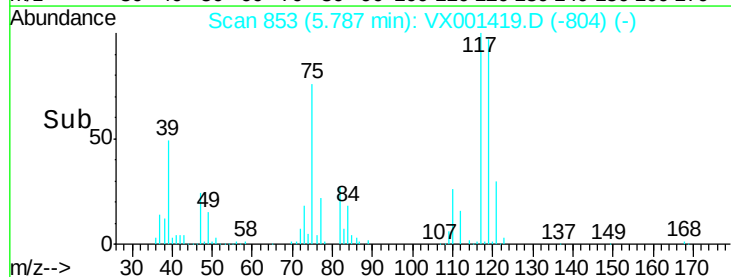
117 100

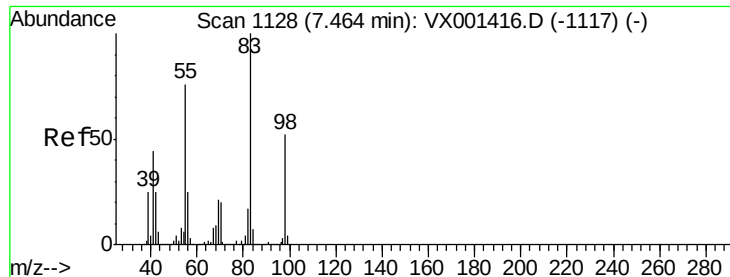
119 97.7 77.0 115.6

121 30.1 25.1 37.7



Abundance Ion 116.80 (116.50 to 117.50): VX001419.D (-804) (-)

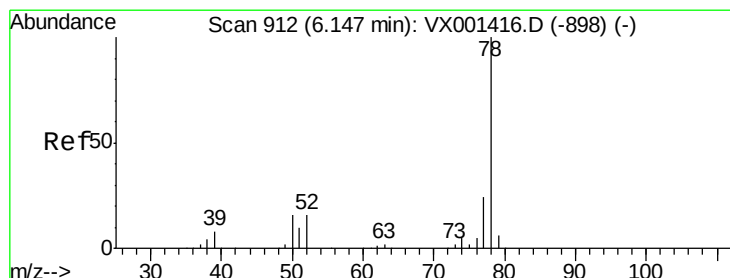
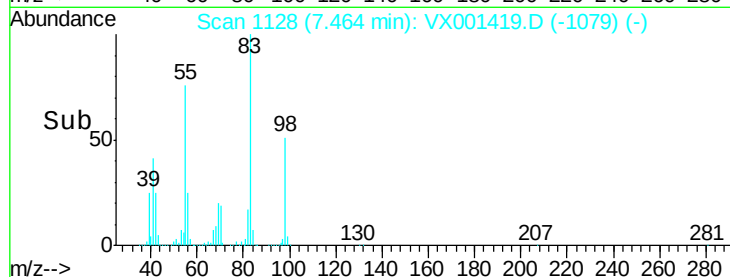
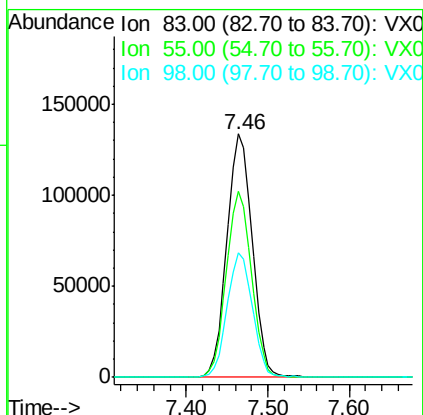
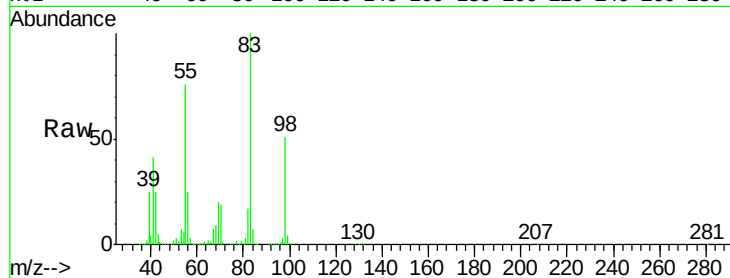




#39
Methylcyclohexane
Concen: 50.65 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

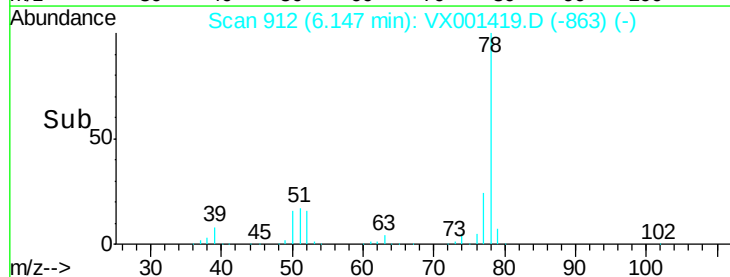
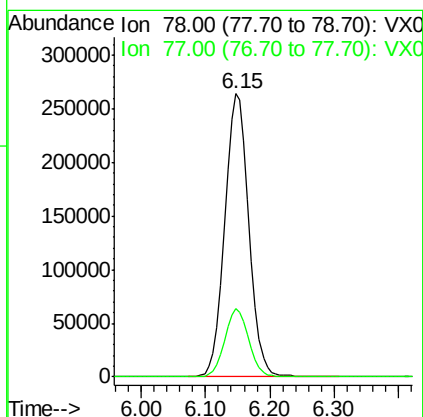
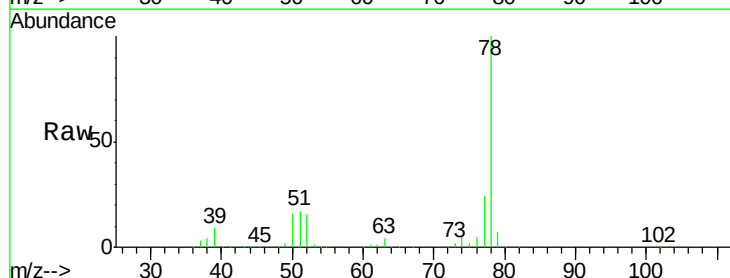
Instrument :
MSVOA_X
ClientSampleId :
BFB

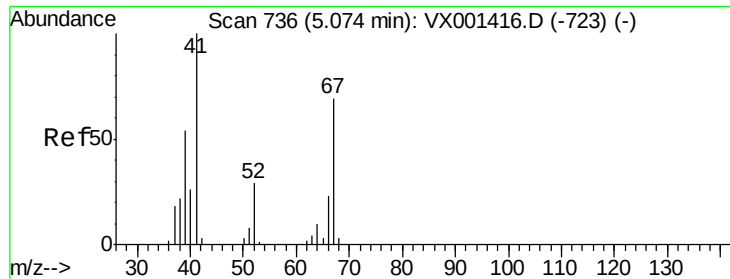
Tgt Ion: 83 Resp: 287646
Ion Ratio Lower Upper
83 100
55 76.3 60.9 91.3
98 51.3 41.9 62.9



#40
Benzene
Concen: 49.57 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

Tgt Ion: 78 Resp: 695552
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.2

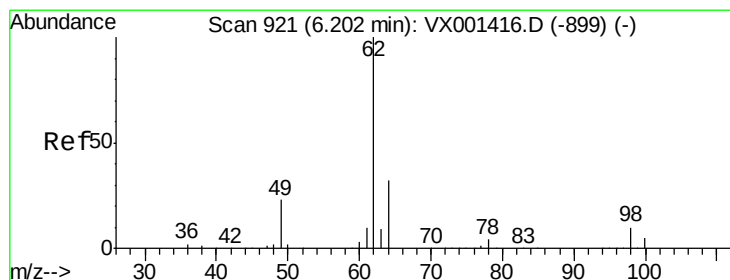
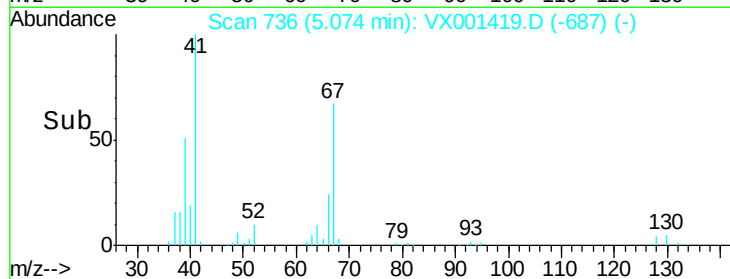
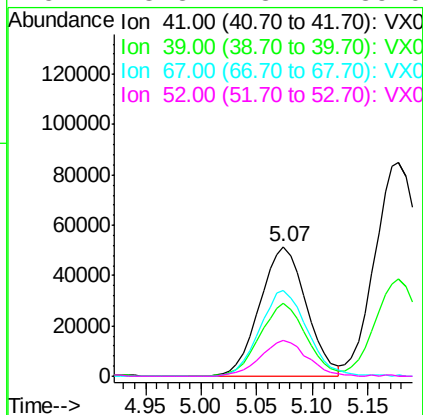
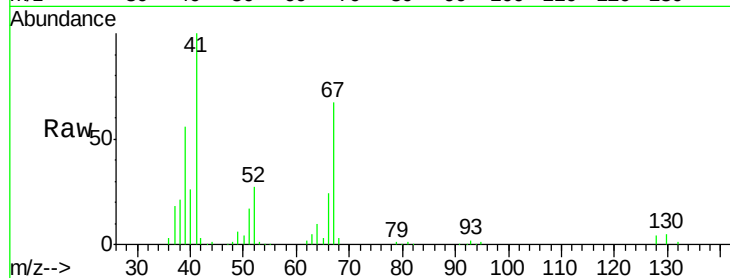




#41
Methacrylonitrile
Concen: 49.52 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

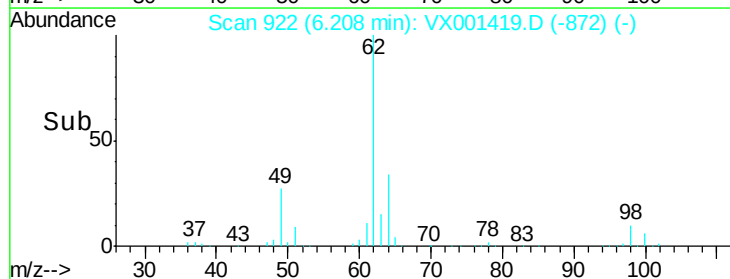
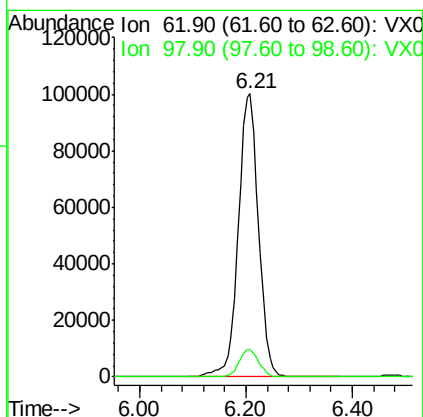
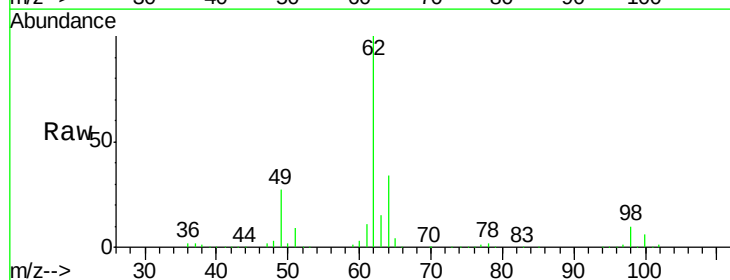
Instrument :
MSVOA_X
ClientSampled :
BFB

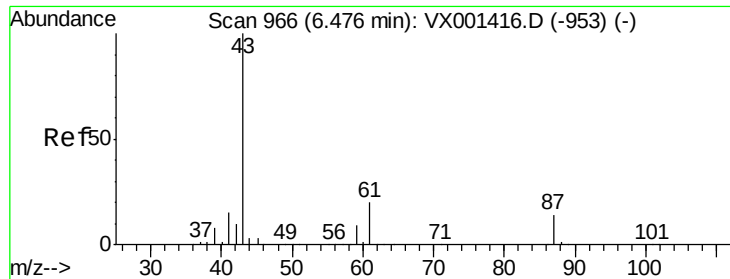
Tgt Ion:	41	Resp:	149187
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.0	67.6
67	67.9	55.0	82.6
52	28.3	23.4	35.0



#42
1,2-Dichloroethane
Concen: 48.88 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

Tgt Ion:	62	Resp:	263585
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0





#43

Isopropyl Acetate

Concen: 52.17 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

BFB

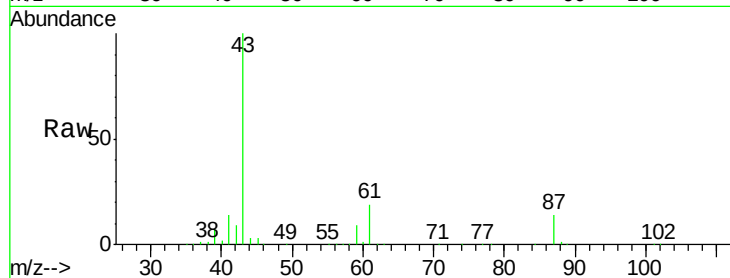
Tgt Ion: 43 Resp: 421745

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.0

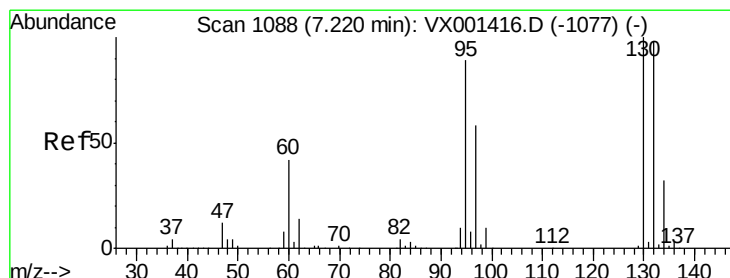
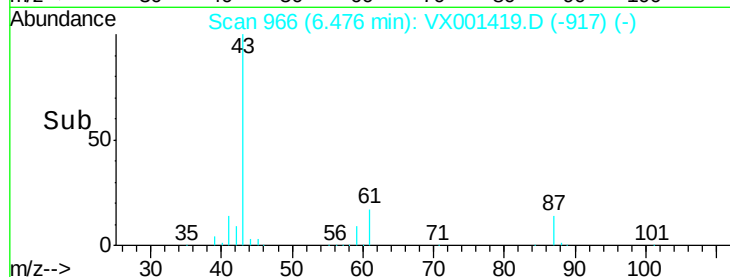
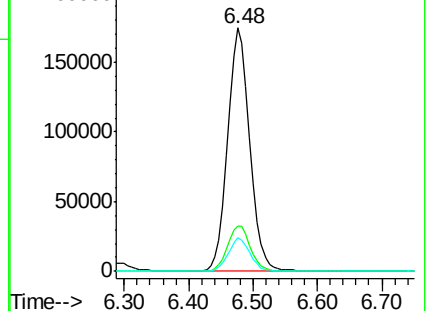
87 13.4 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.73 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001419.D

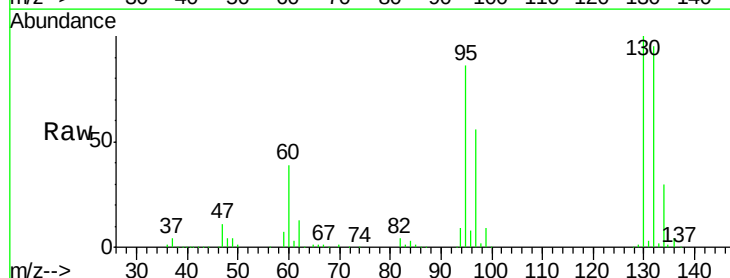
Acq: 05 May 2018 14:44

Tgt Ion: 130 Resp: 213270

Ion Ratio Lower Upper

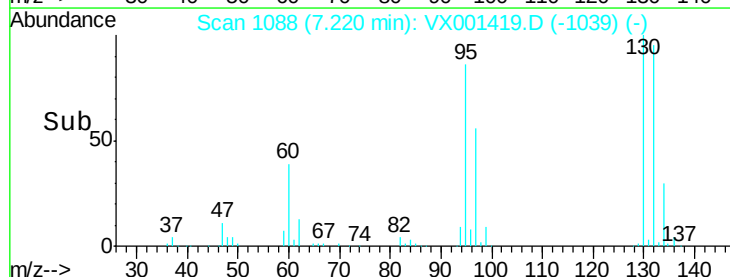
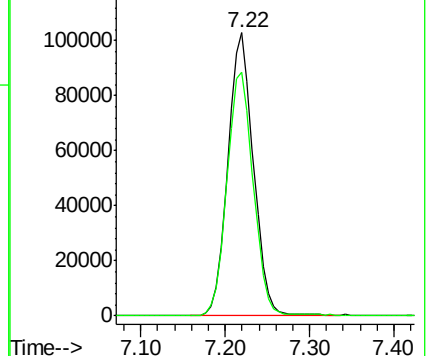
130 100

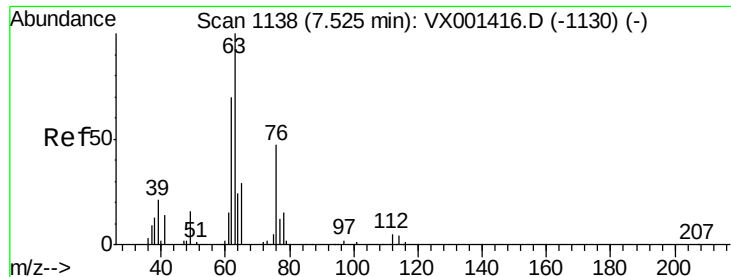
95 85.9 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.48 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampled :

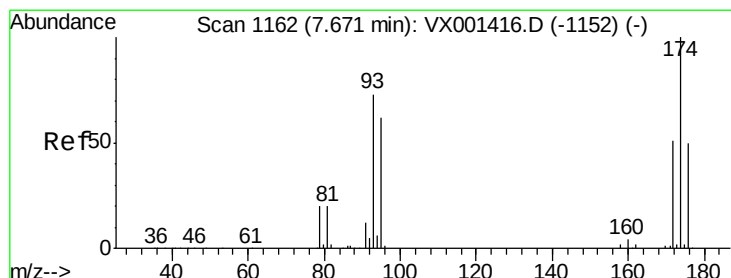
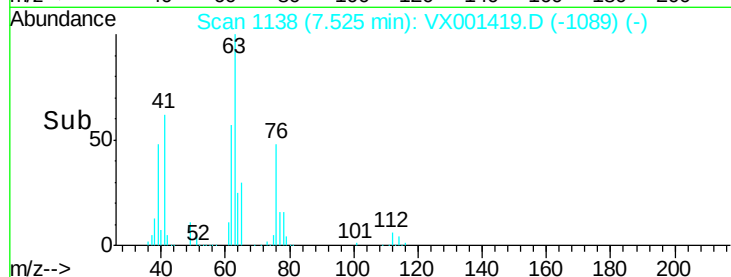
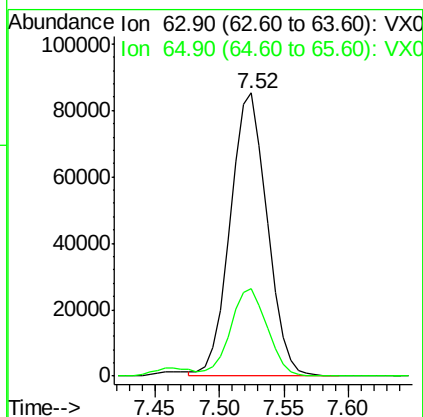
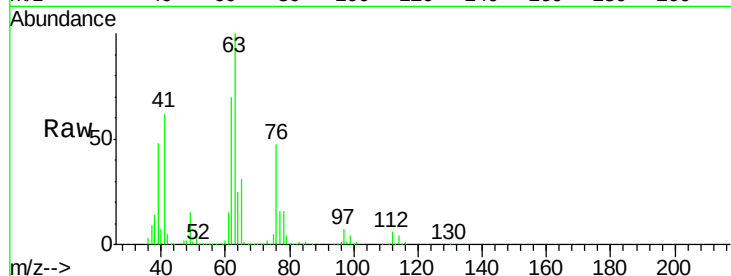
BFB

Tgt Ion: 63 Resp: 169563

Ion Ratio Lower Upper

63 100

65 30.8 24.5 36.7



#46

Dibromomethane

Concen: 48.83 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

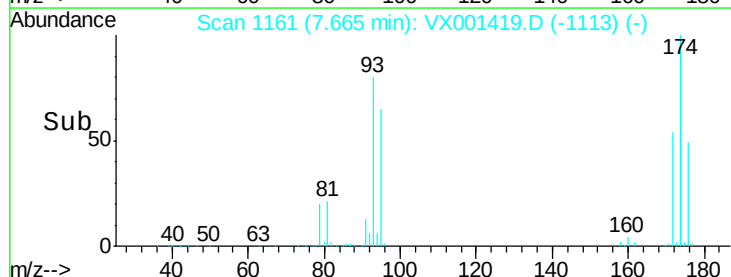
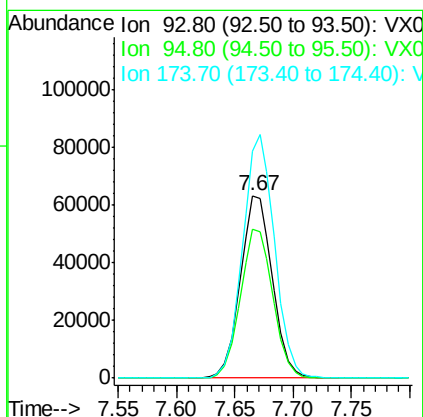
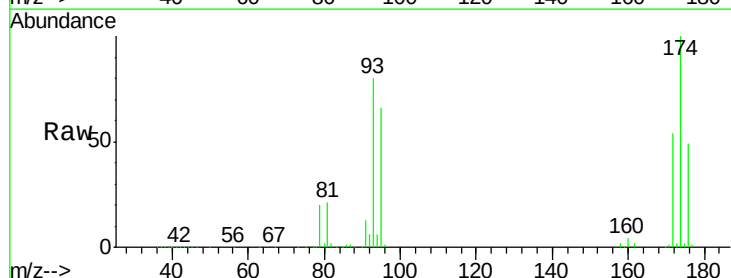
Tgt Ion: 93 Resp: 120919

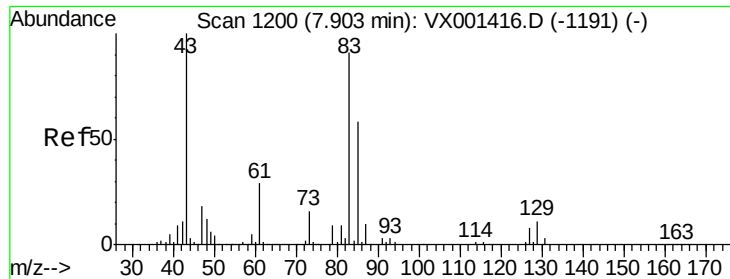
Ion Ratio Lower Upper

93 100

95 82.8 67.0 100.4

174 132.4 104.5 156.7





#47

Bromodichloromethane

Concen: 51.88 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

BFB

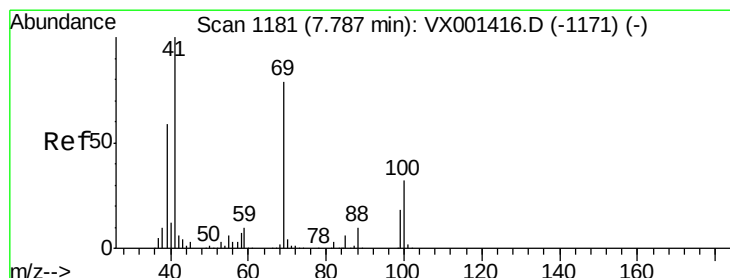
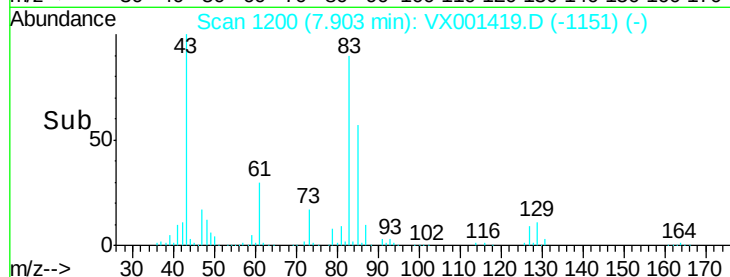
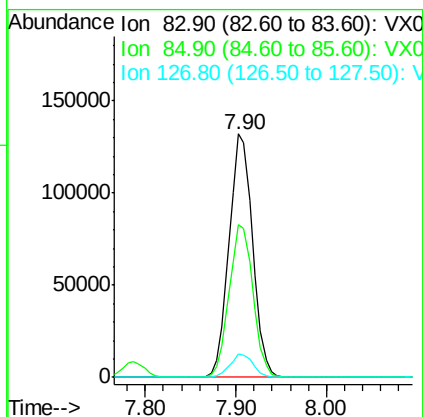
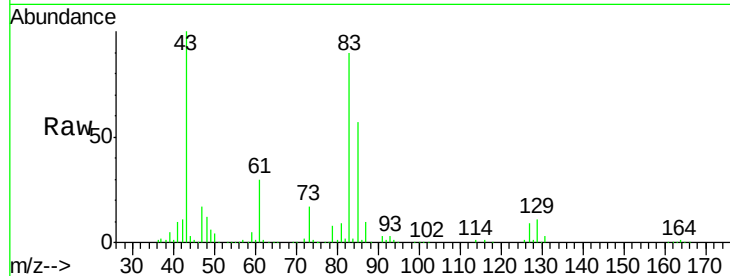
Tgt Ion: 83 Resp: 237767

Ion Ratio Lower Upper

83 100

85 63.0 51.0 76.6

127 9.5 7.4 11.2



#48

Methyl methacrylate

Concen: 51.28 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

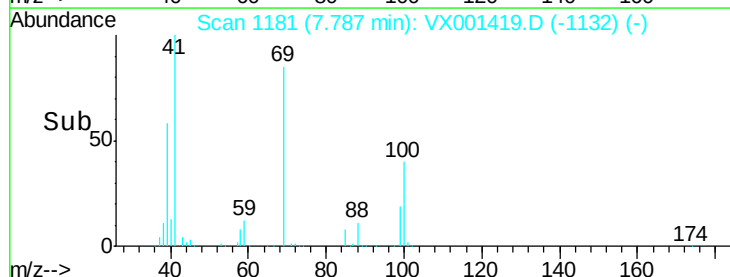
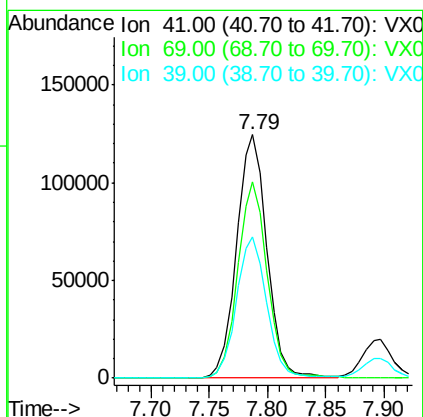
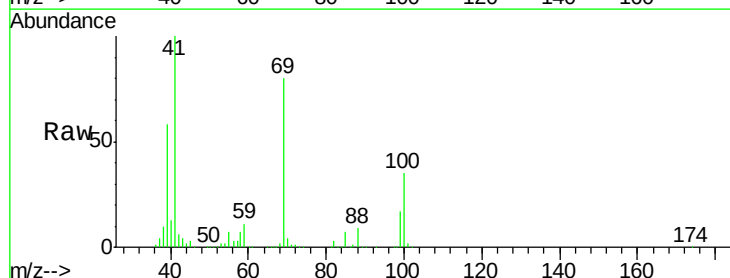
Tgt Ion: 41 Resp: 225728

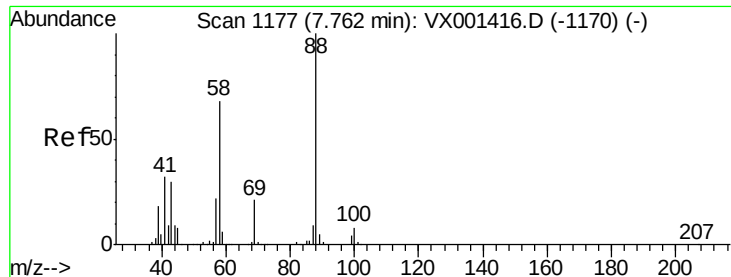
Ion Ratio Lower Upper

41 100

69 79.1 63.4 95.2

39 57.9 47.0 70.4





#49

1,4-Dioxane

Concen: 1024.31 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampled :

BFB

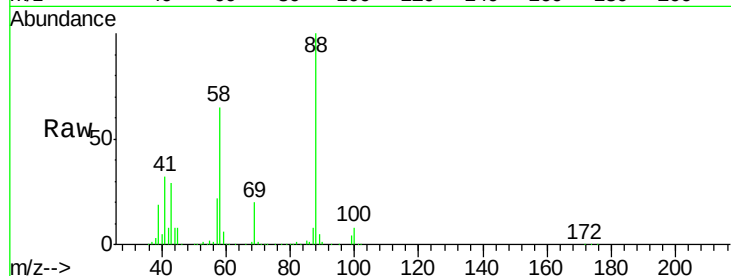
Tgt Ion: 88 Resp: 97407

Ion Ratio Lower Upper

88 100

43 33.3 26.4 39.6

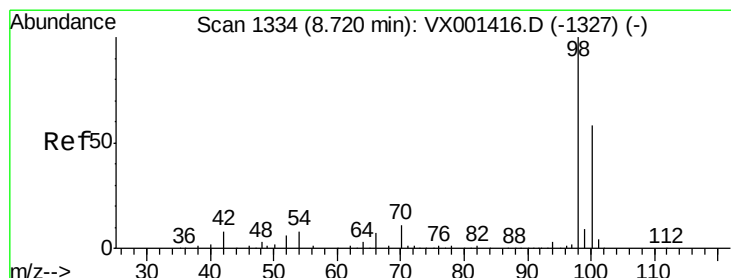
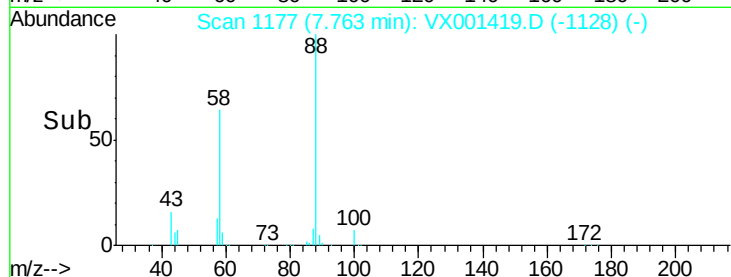
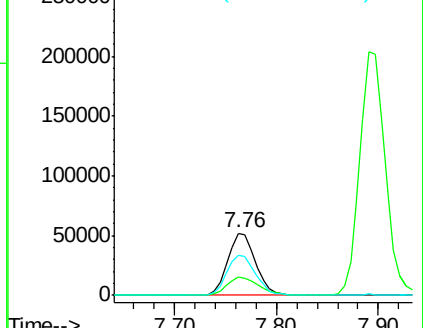
58 67.6 54.1 81.1



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.41 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001419.D

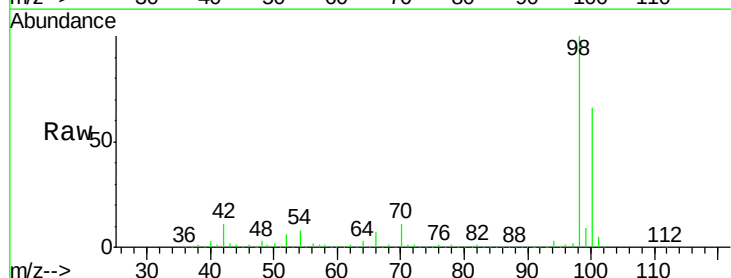
Acq: 05 May 2018 14:44

Tgt Ion: 98 Resp: 605852

Ion Ratio Lower Upper

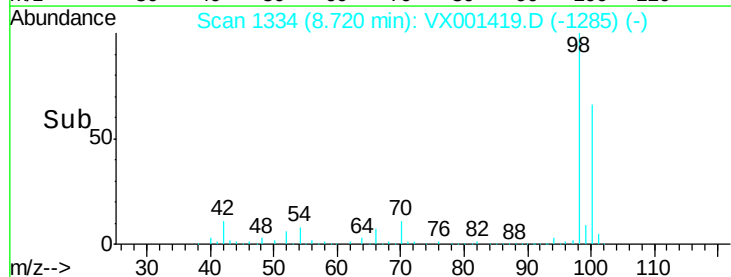
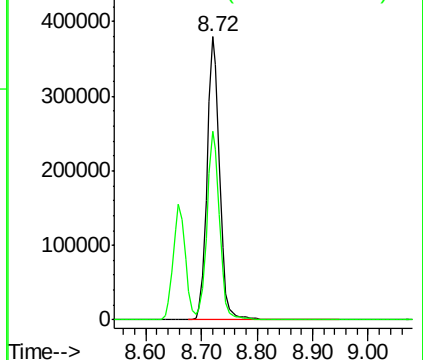
98 100

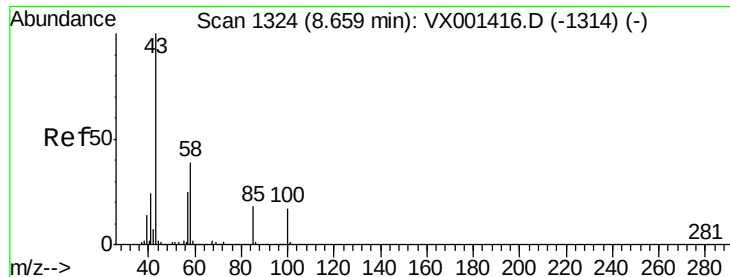
100 66.7 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 257.74 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

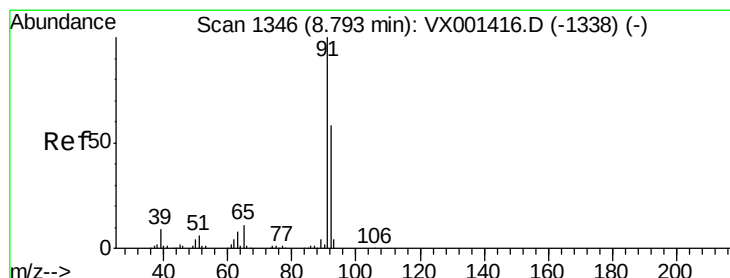
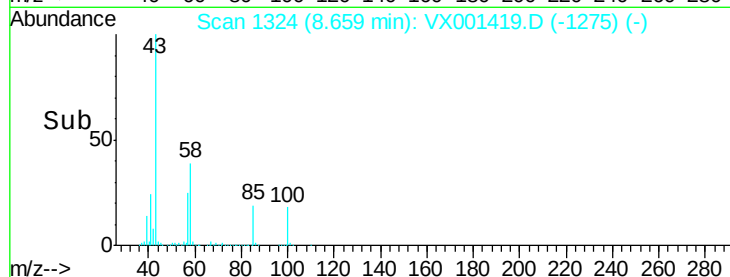
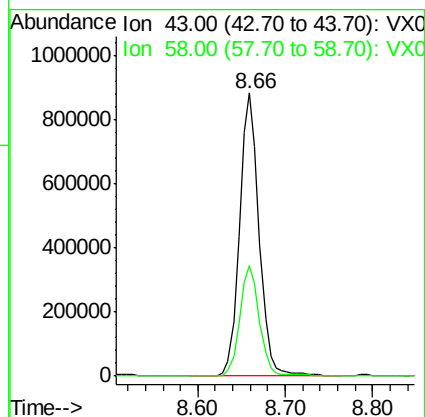
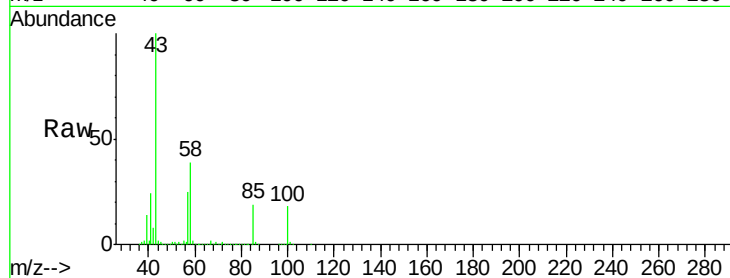
BFB

Tgt Ion: 43 Resp: 1384480

Ion Ratio Lower Upper

43 100

58 39.5 30.8 46.2



#52

Toluene

Concen: 49.82 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001419.D

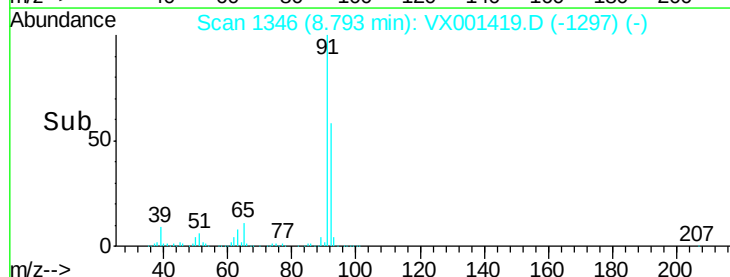
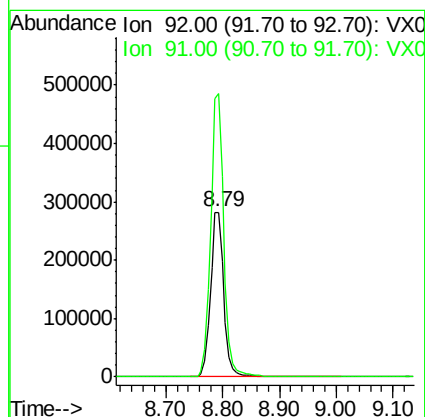
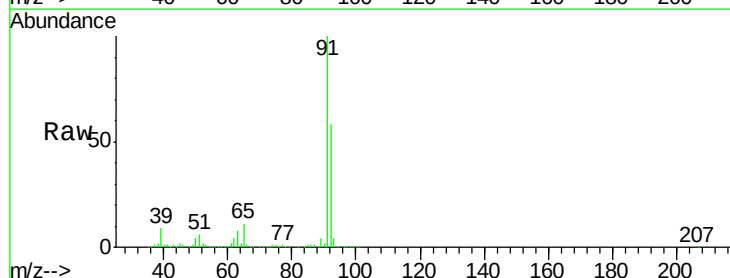
Acq: 05 May 2018 14:44

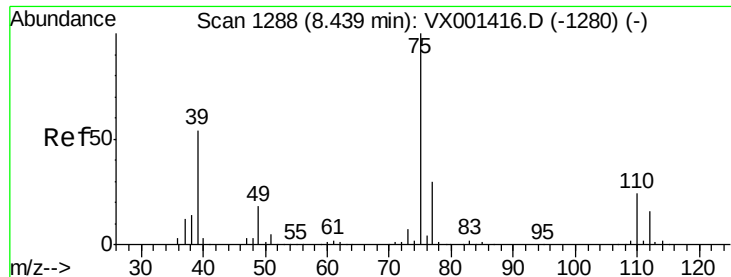
Tgt Ion: 92 Resp: 457099

Ion Ratio Lower Upper

92 100

91 170.2 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 54.39 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

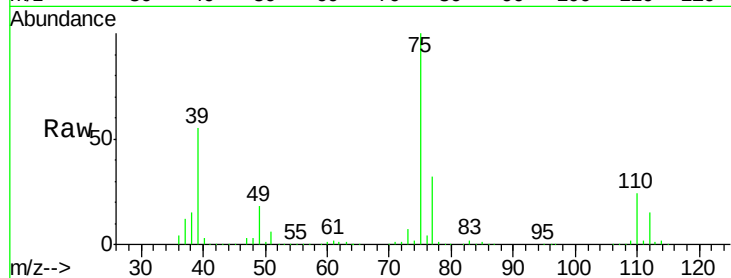
BFB

Tgt Ion: 75 Resp: 281714

Ion Ratio Lower Upper

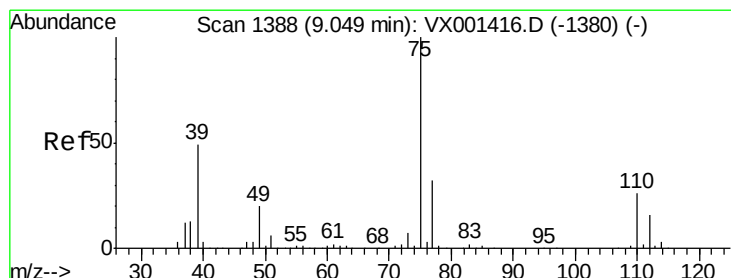
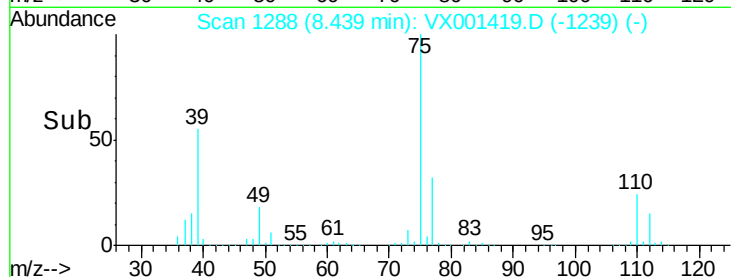
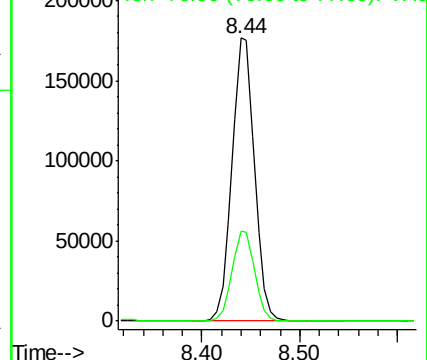
75 100

77 31.8 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.06 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

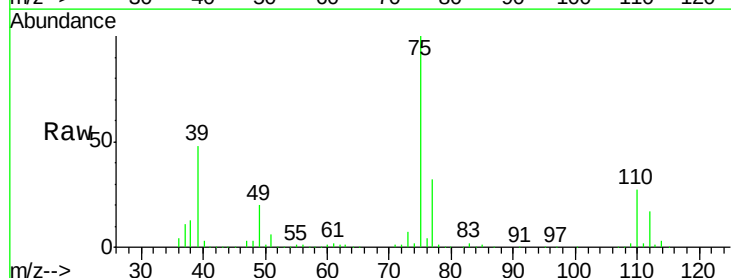
Tgt Ion: 75 Resp: 256829

Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

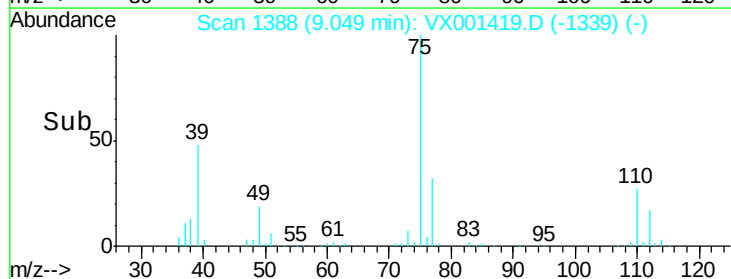
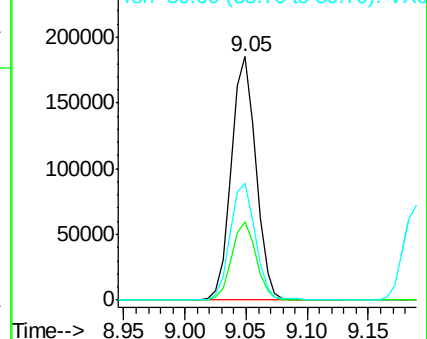
39 47.7 38.9 58.3

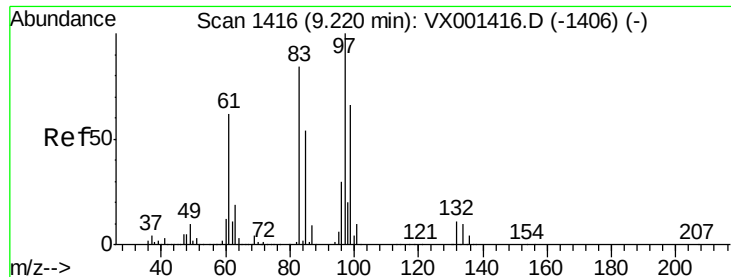


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

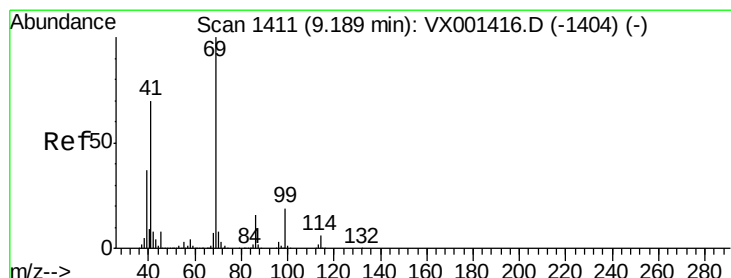
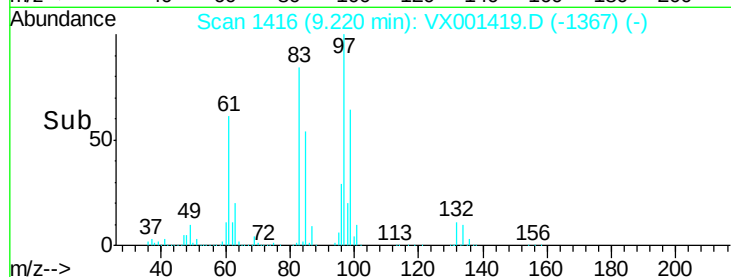
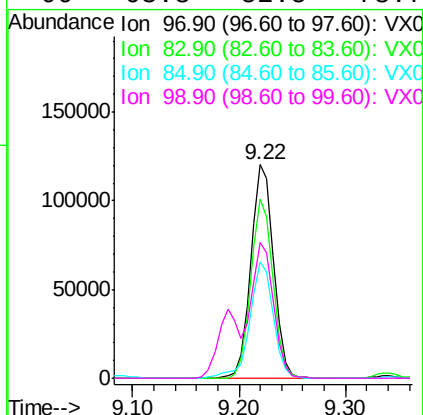
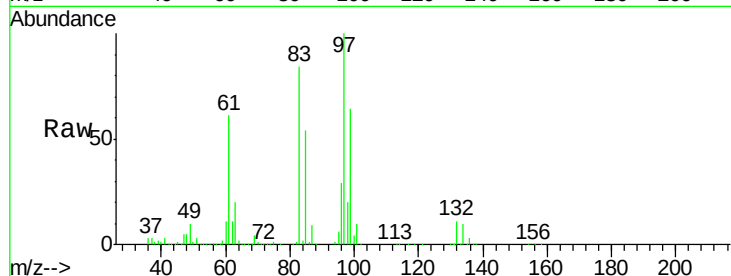




#55
 1,1,2-Trichloroethane
 Concen: 48.82 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001419.D
 Acq: 05 May 2018 14:44

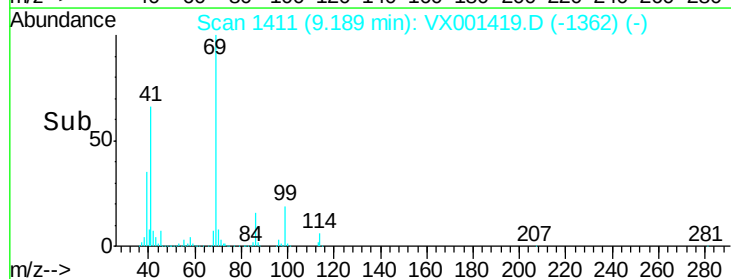
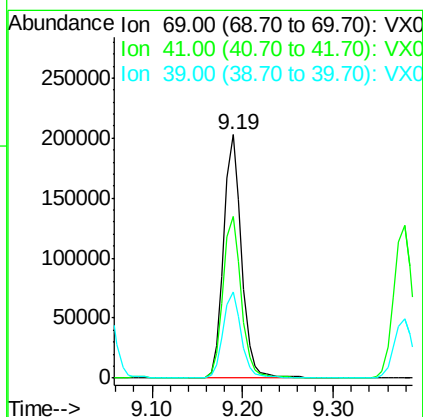
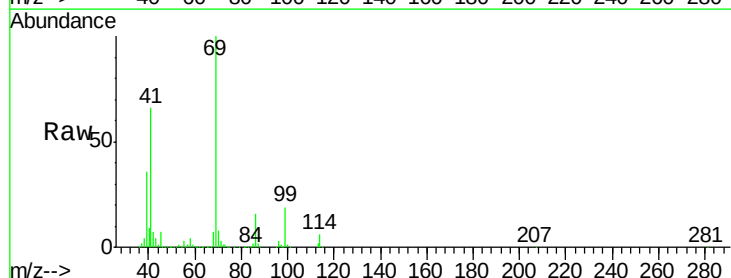
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

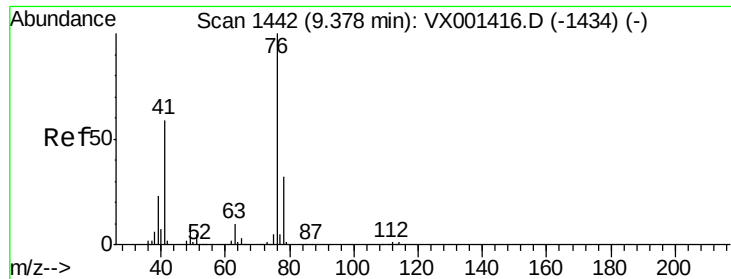
Tgt Ion:	97	Resp:	180447
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.4	101.0
85	54.4	43.3	64.9
99	63.8	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 52.73 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001419.D
 Acq: 05 May 2018 14:44

Tgt Ion:	69	Resp:	280965
Ion	Ratio	Lower	Upper
69	100		
41	67.5	55.1	82.7
39	36.0	29.9	44.9

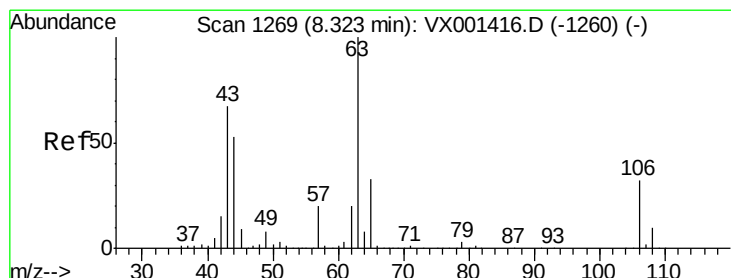
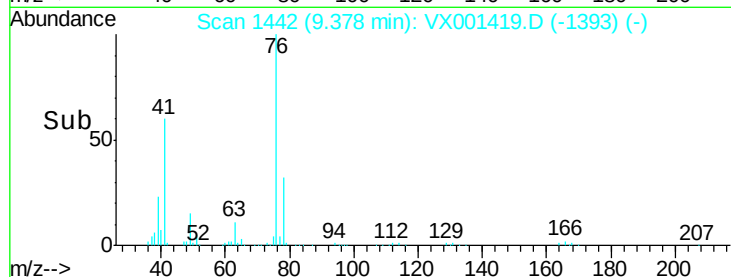
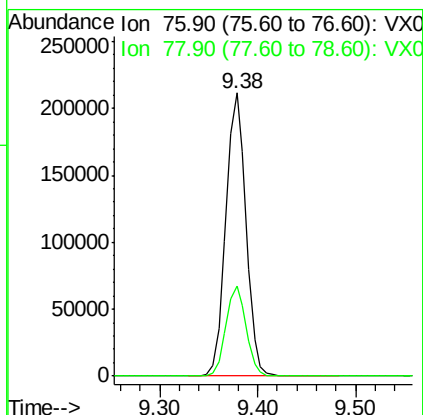
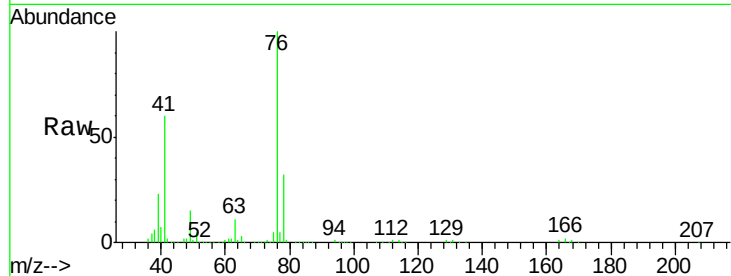




#57
 1,3-Dichloropropane
 Concen: 49.41 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001419.D
 Acq: 05 May 2018 14:44

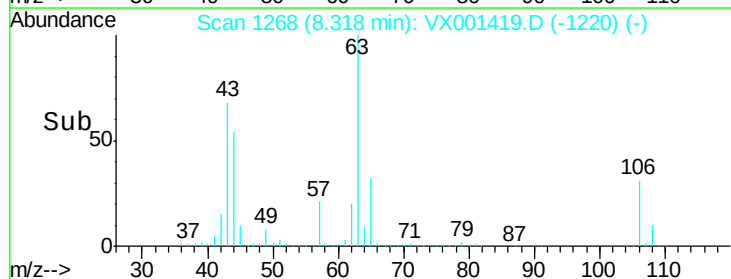
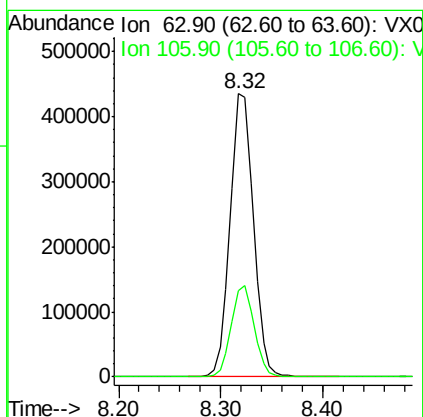
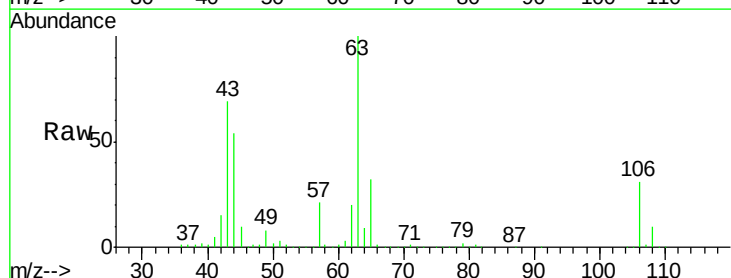
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

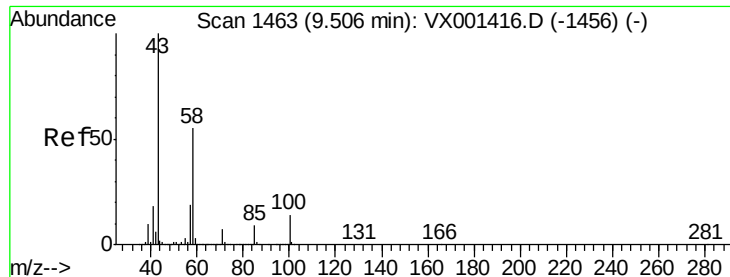
Tgt Ion: 76 Resp: 301973
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.33 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001419.D
 Acq: 05 May 2018 14:44

Tgt Ion: 63 Resp: 685532
 Ion Ratio Lower Upper
 63 100
 106 31.7 25.4 38.0

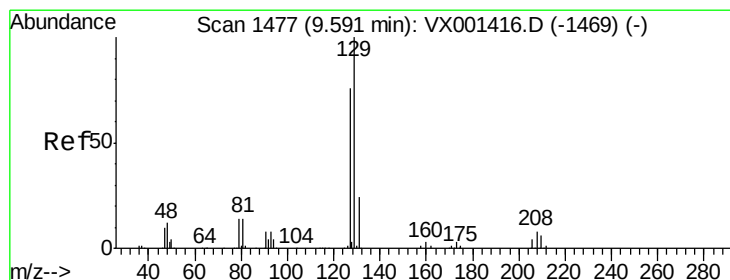
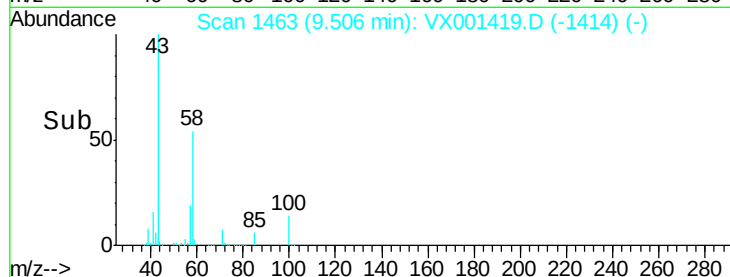
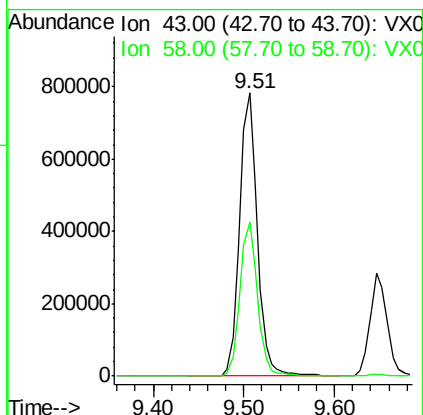
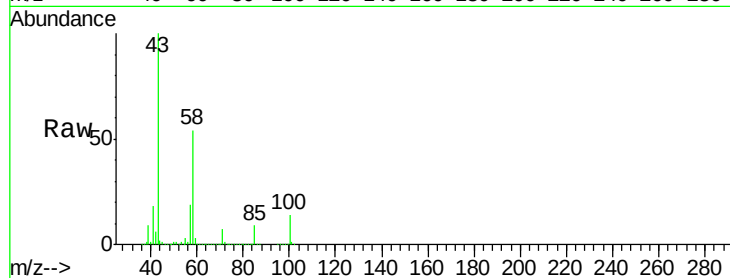




#59
2-Hexanone
Concen: 258.31 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

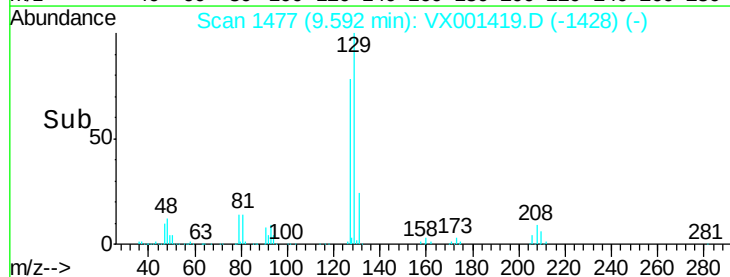
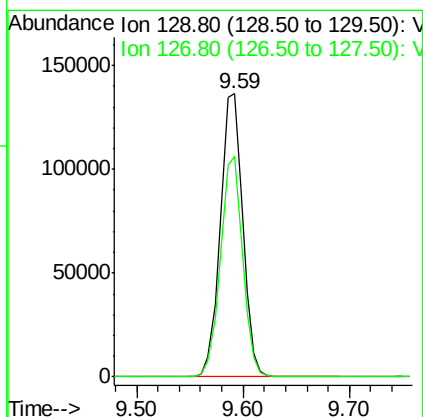
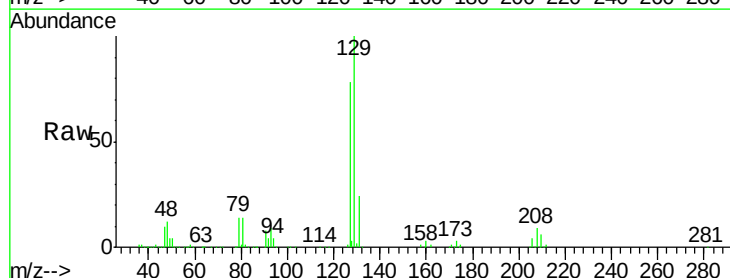
Instrument :
MSVOA_X
ClientSampleId :
BFB

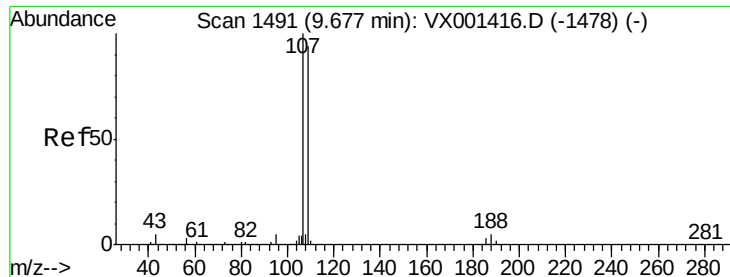
Tgt Ion: 43 Resp: 1062524
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.2



#60
Dibromochloromethane
Concen: 53.17 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

Tgt Ion: 129 Resp: 201264
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.5





#61

1,2-Dibromoethane

Concen: 50.57 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

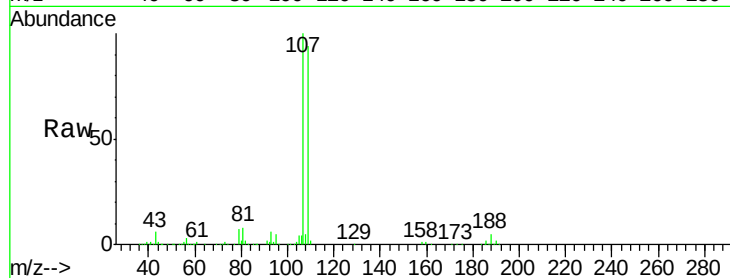
BFB

Tgt Ion: 107 Resp: 196250

Ion Ratio Lower Upper

107 100

109 94.2 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

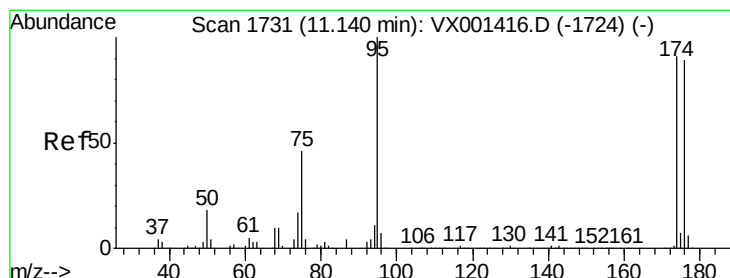
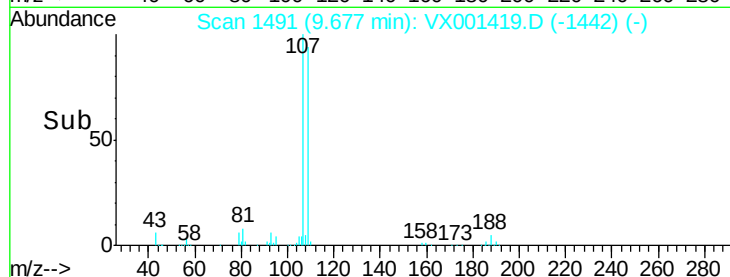
150000

100000

50000

0

Time--> 9.50 9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 49.72 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

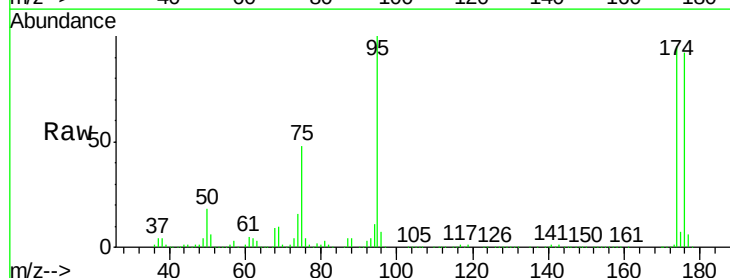
Tgt Ion: 95 Resp: 234041

Ion Ratio Lower Upper

95 100

174 101.9 0.0 202.0

176 99.8 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

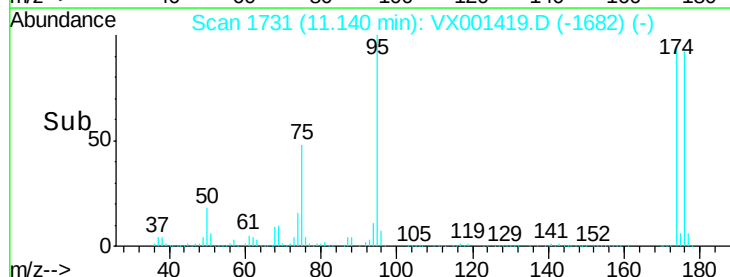
150000

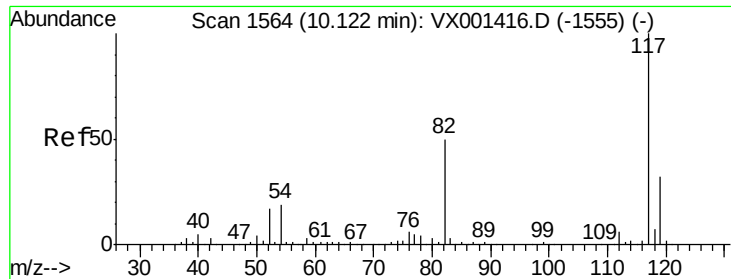
100000

50000

0

Time--> 11.10 11.20

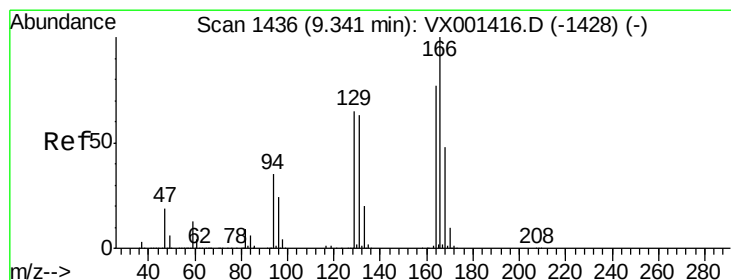
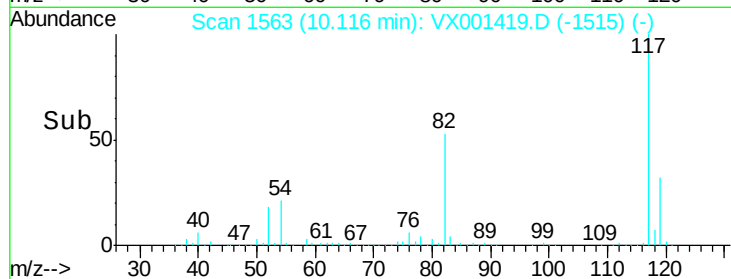
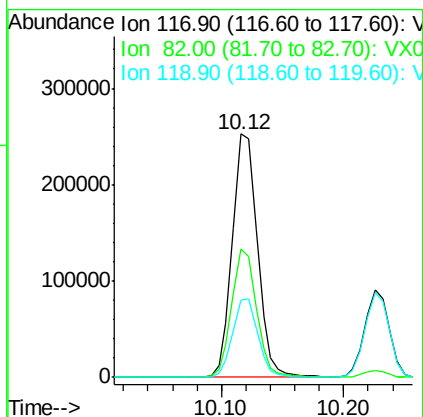
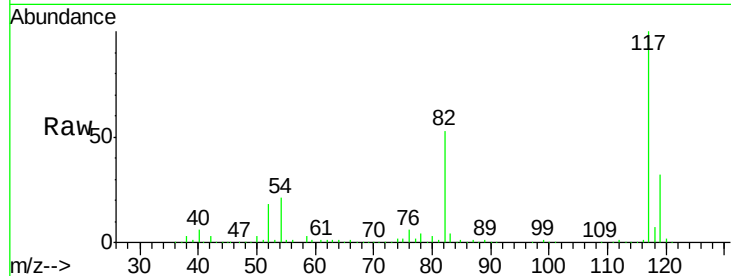




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

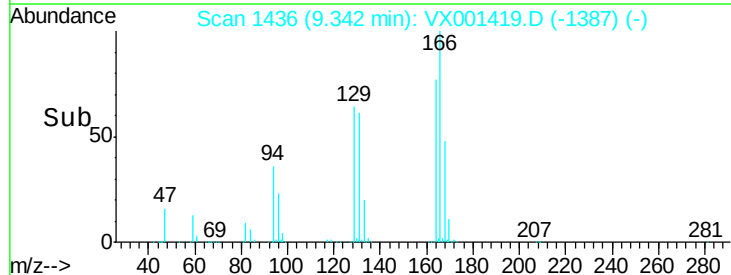
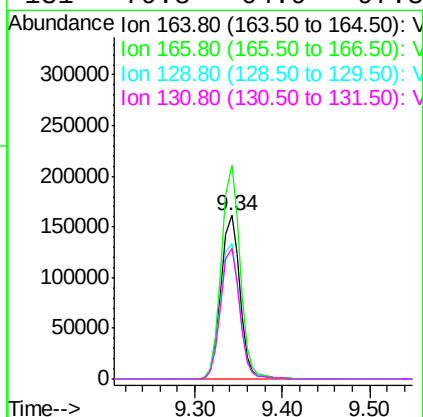
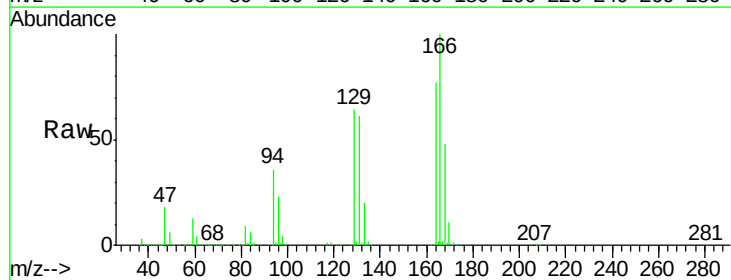
Instrument :
MSVOA_X
ClientSampleId :
BFB

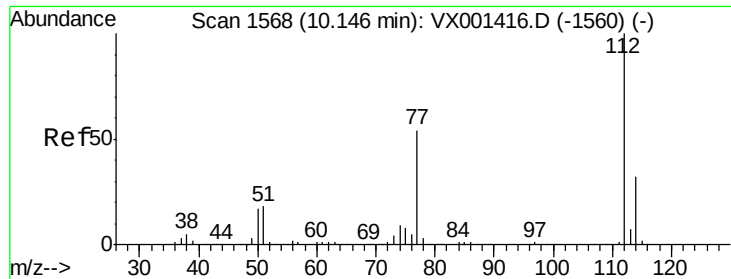
Tgt Ion:117 Resp: 360405
Ion Ratio Lower Upper
117 100
82 52.6 40.0 60.0
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 48.27 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

Tgt Ion:164 Resp: 242483
Ion Ratio Lower Upper
164 100
166 130.4 103.5 155.3
129 82.9 66.7 100.1
131 79.8 64.9 97.3

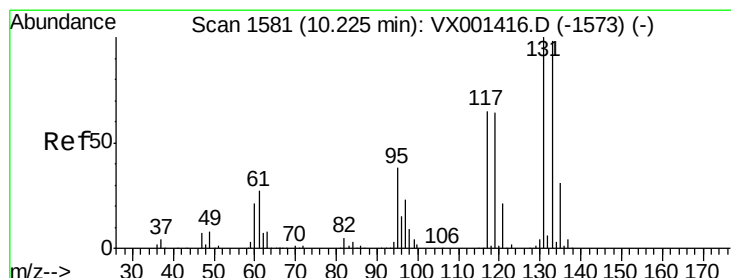
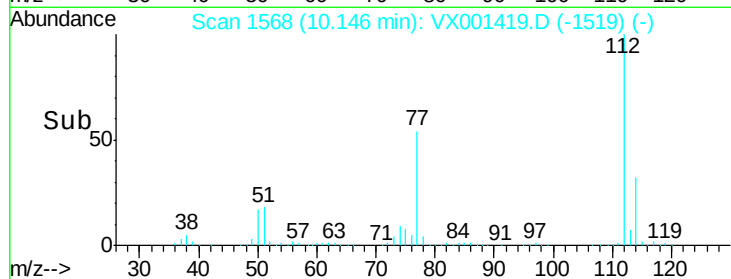
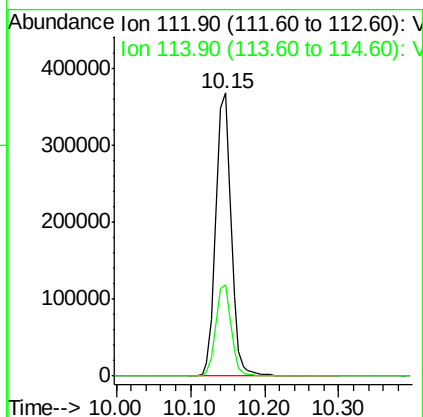
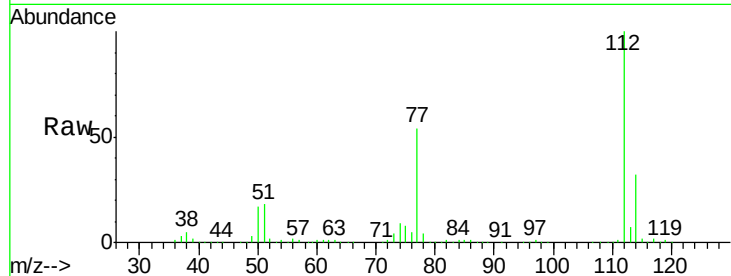




#65
Chlorobenzene
Concen: 49.51 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

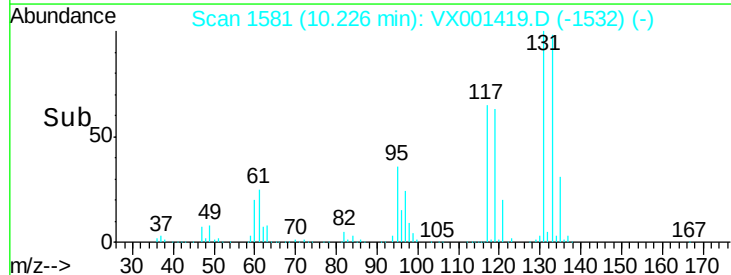
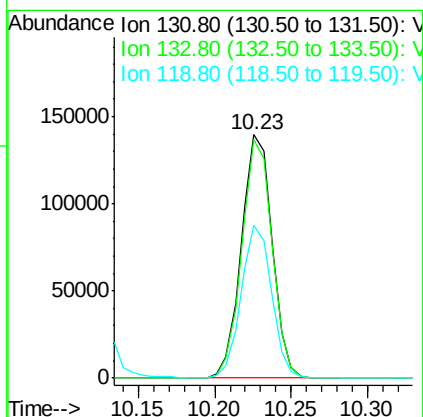
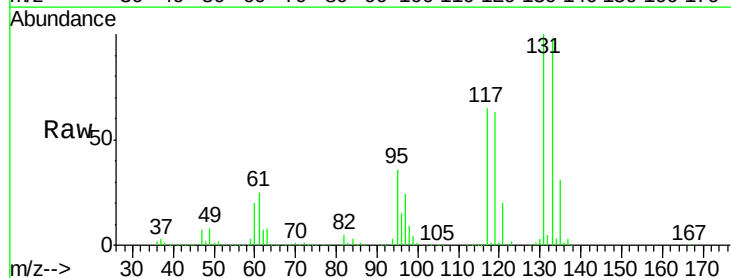
Instrument :
MSVOA_X
ClientSampleId :
BFB

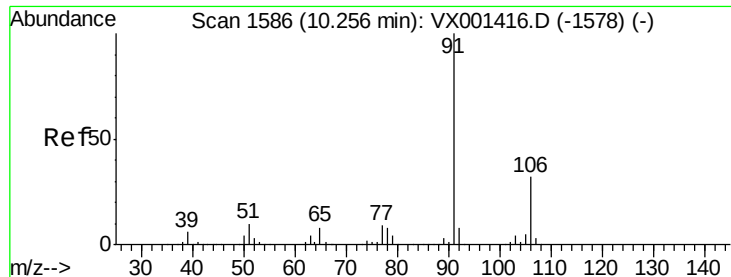
Tgt Ion:112 Resp: 523290
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.53 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

Tgt Ion:131 Resp: 194830
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.8
119 62.0 31.1 93.3





#67

Ethyl Benzene

Concen: 50.36 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampled :

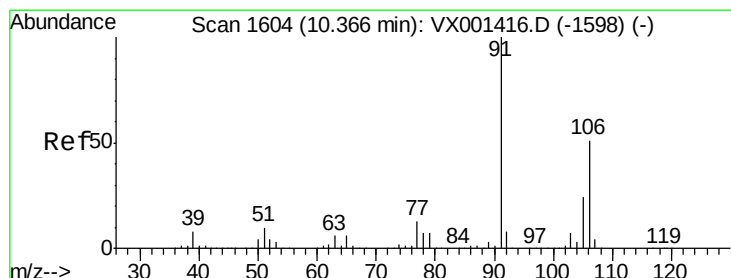
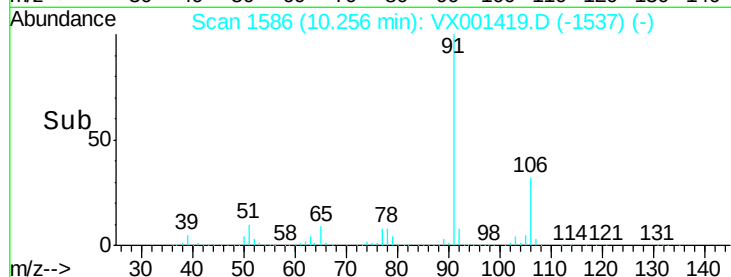
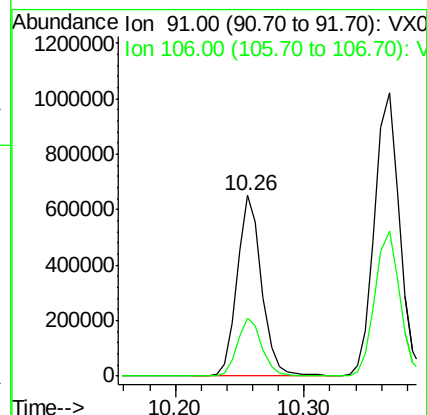
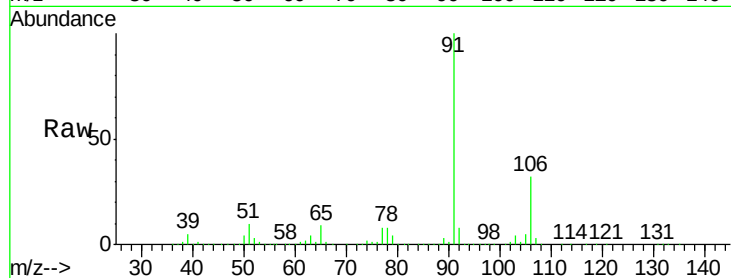
BFB

Tgt Ion: 91 Resp: 872509

Ion Ratio Lower Upper

91 100

106 32.1 25.5 38.3



#68

m/p-Xylenes

Concen: 102.96 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001419.D

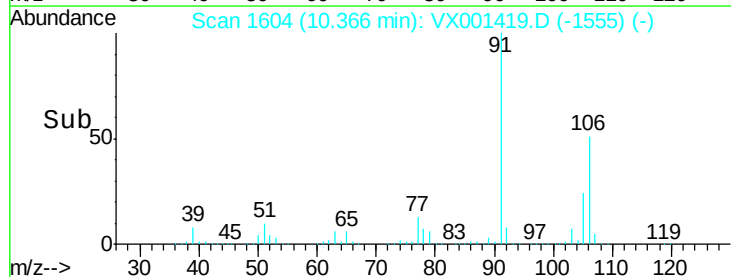
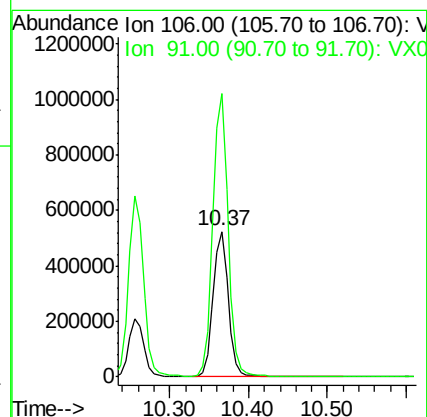
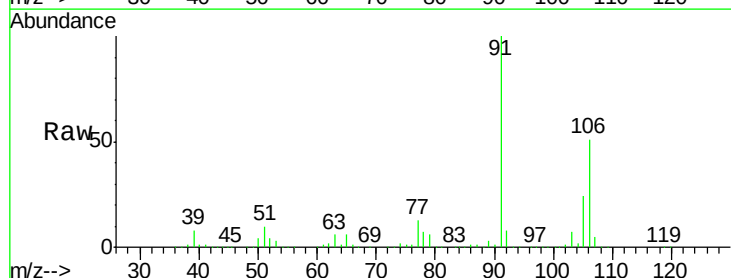
Acq: 05 May 2018 14:44

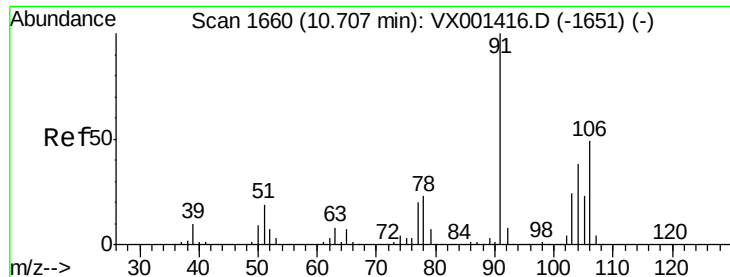
Tgt Ion: 106 Resp: 704826

Ion Ratio Lower Upper

106 100

91 194.9 157.5 236.3

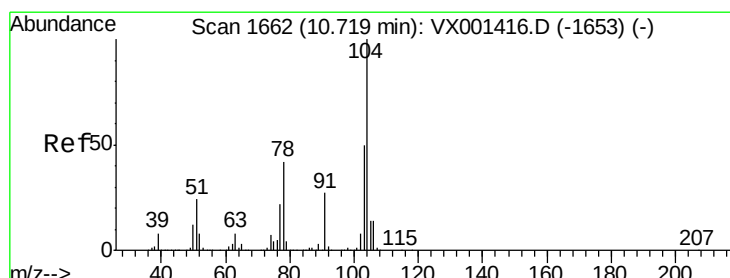
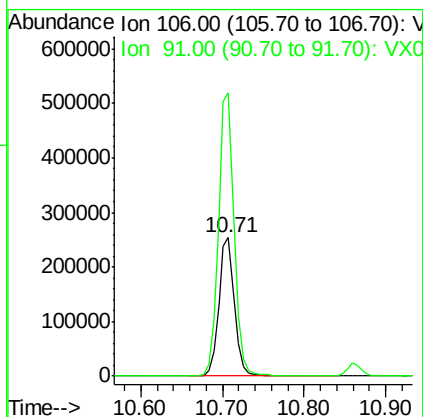
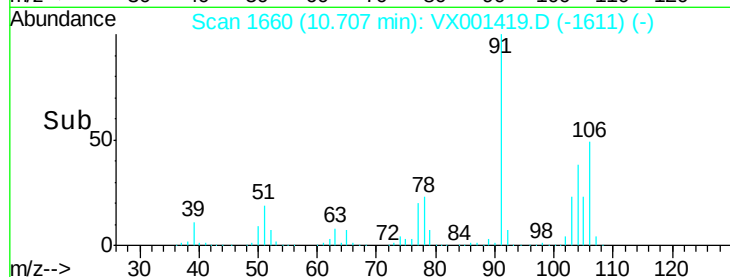
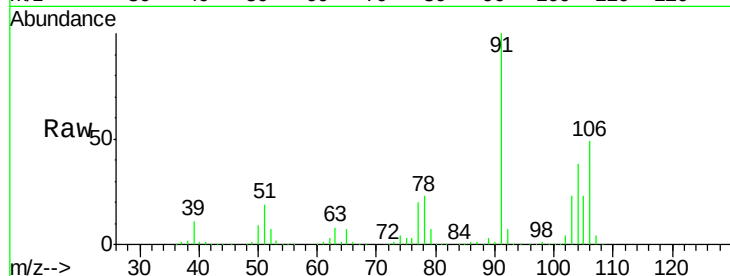




#69
o-Xylene
Concen: 51.36 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

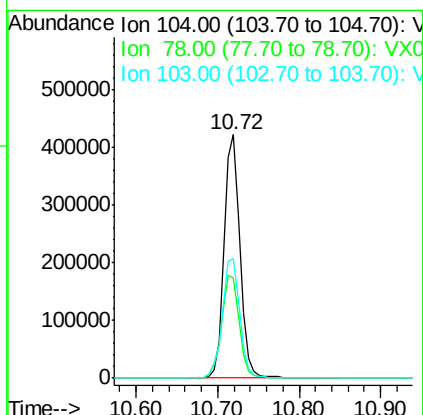
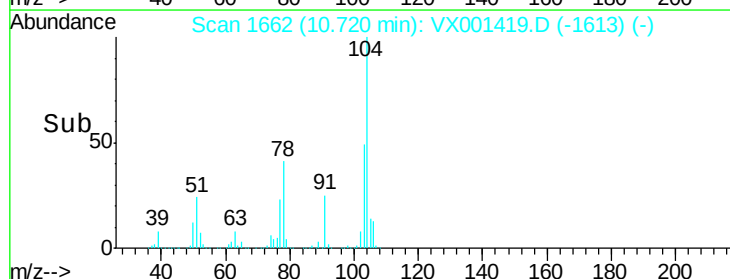
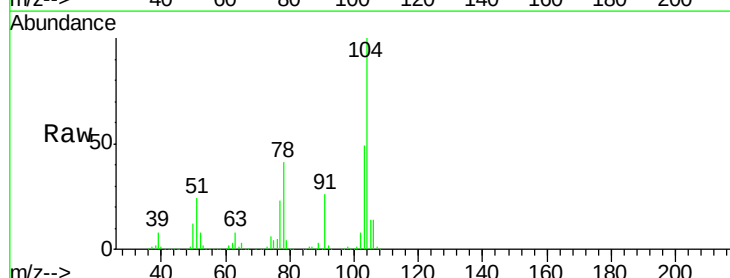
Instrument :
MSVOA_X
ClientSampled :
BFB

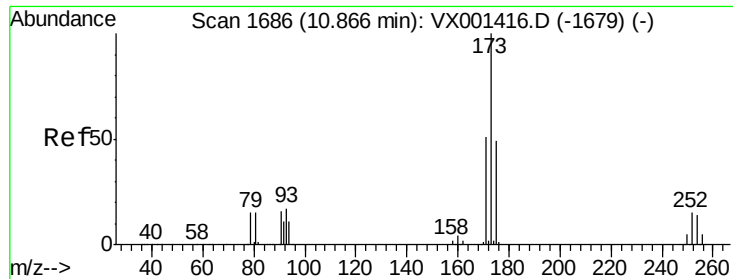
Tgt Ion:106 Resp: 341698
Ion Ratio Lower Upper
106 100
91 207.0 103.1 309.1



#70
Styrene
Concen: 52.47 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

Tgt Ion:104 Resp: 567080
Ion Ratio Lower Upper
104 100
78 47.6 38.6 58.0
103 54.2 44.0 66.0





#71

Bromoform

Concen: 46.58 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

BFB

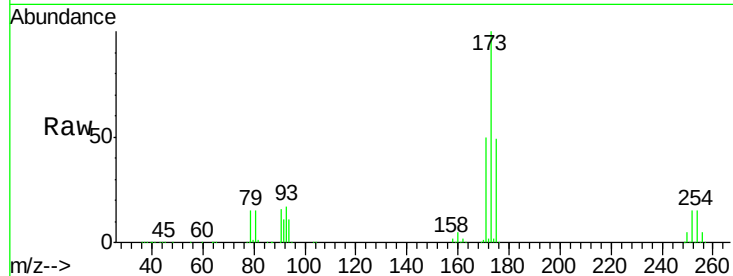
Tgt Ion:173 Resp: 168420

Ion Ratio Lower Upper

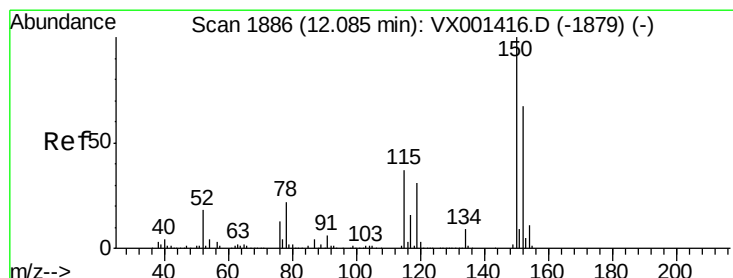
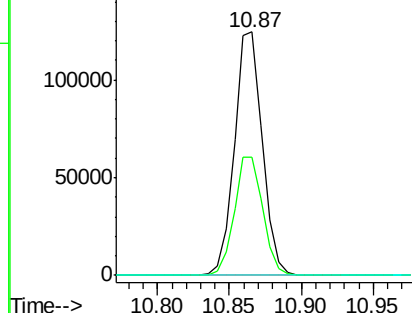
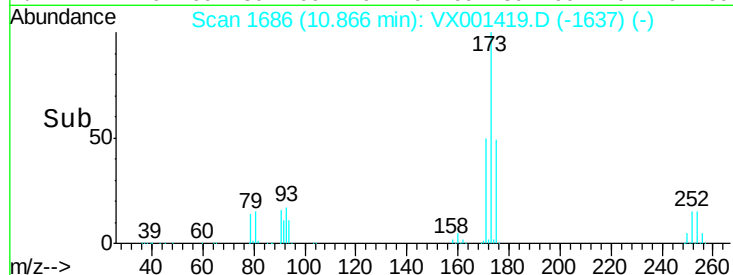
173 100

175 49.7 24.5 73.5

254 0.2 0.2 0.2



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

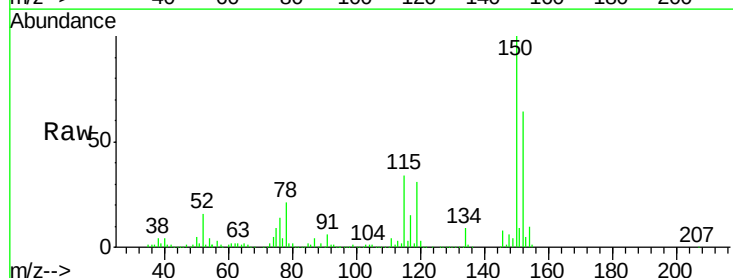
Tgt Ion:152 Resp: 257733

Ion Ratio Lower Upper

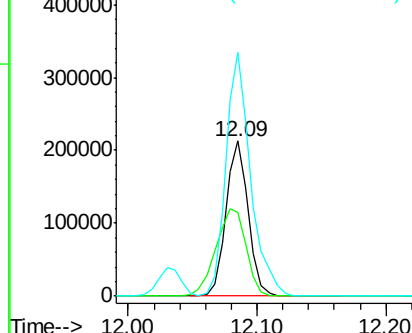
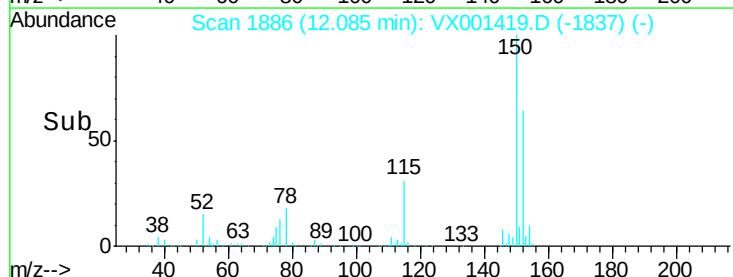
152 100

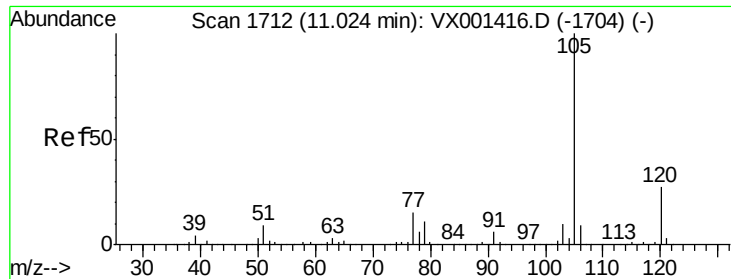
115 76.5 37.7 113.1

150 174.9 0.0 349.4



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: 51.22 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

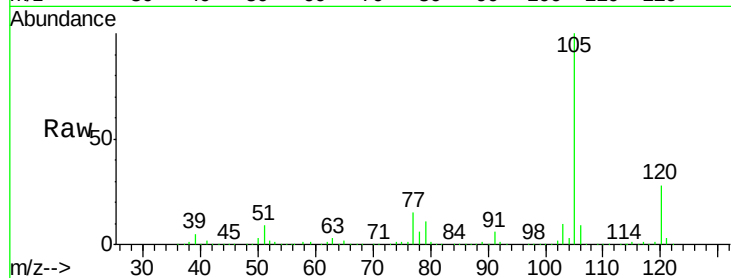
BFB

Tgt Ion: 105 Resp: 913942

Ion Ratio Lower Upper

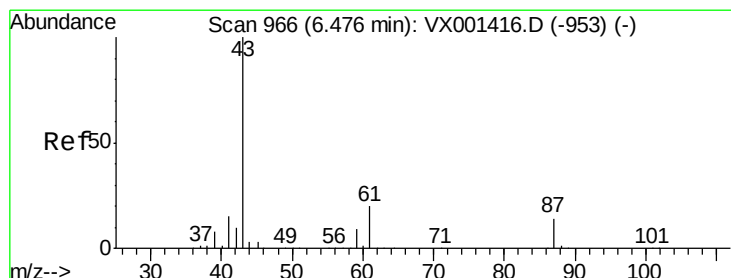
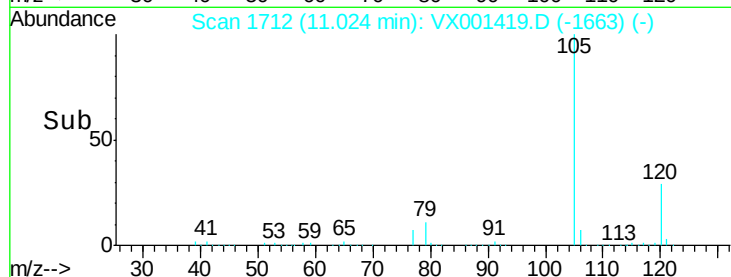
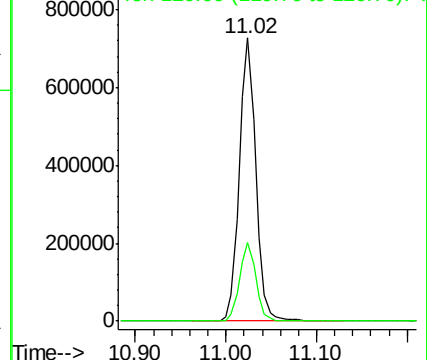
105 100

120 27.6 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.04 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Tgt Ion: 43 Resp: 421745

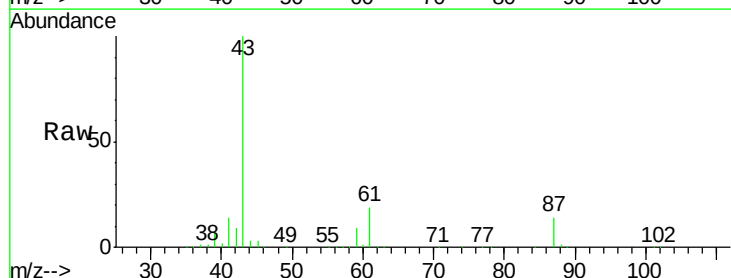
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.1 0.1#

61 19.5 15.4 23.0

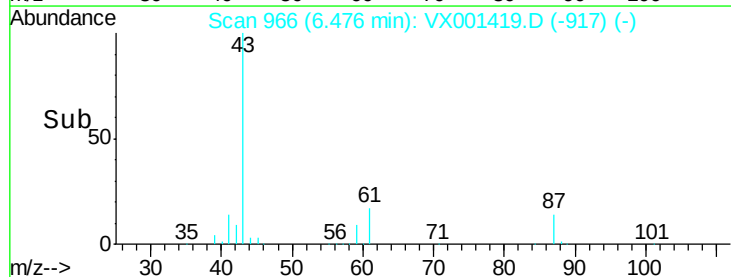
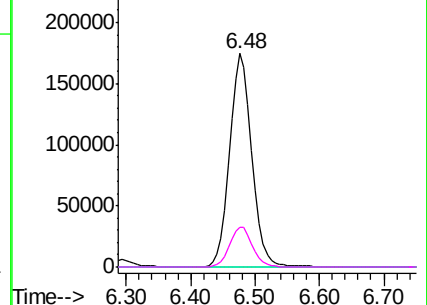


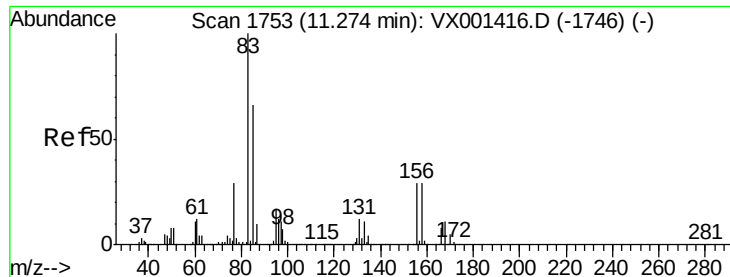
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.11 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampled :

BFB

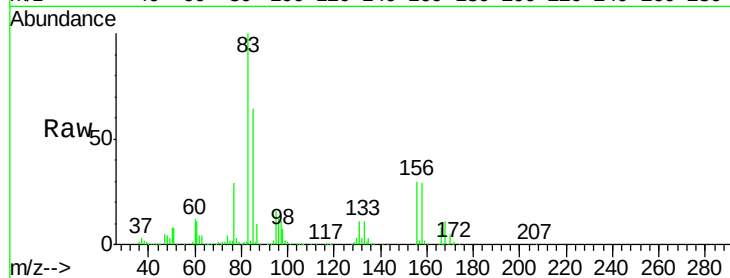
Tgt Ion: 83 Resp: 269337

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

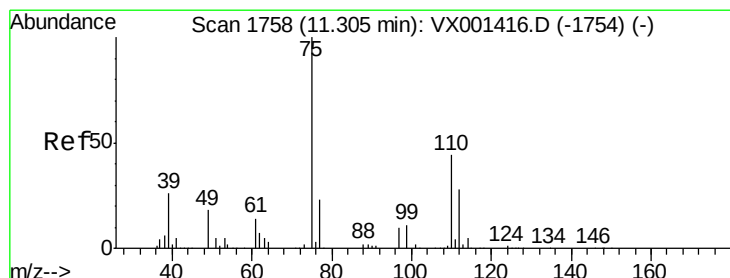
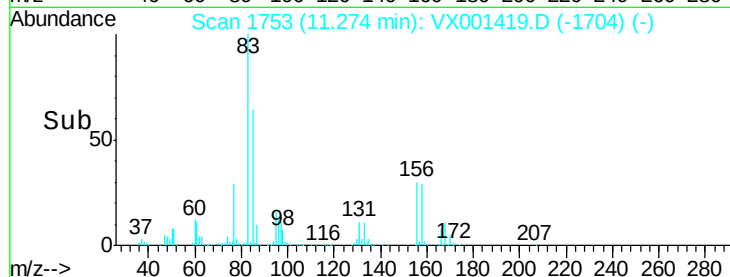
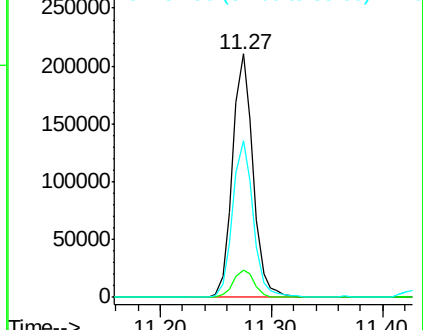
85 64.5 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.38 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001419.D

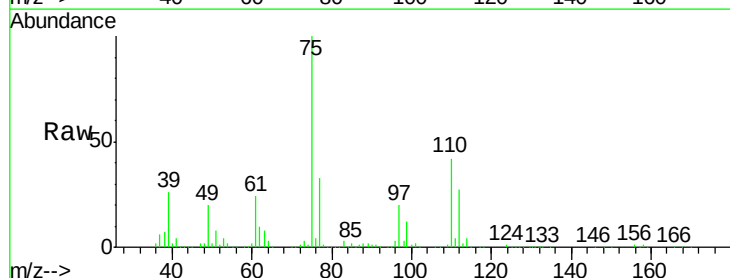
Acq: 05 May 2018 14:44

Tgt Ion: 75 Resp: 320834

Ion Ratio Lower Upper

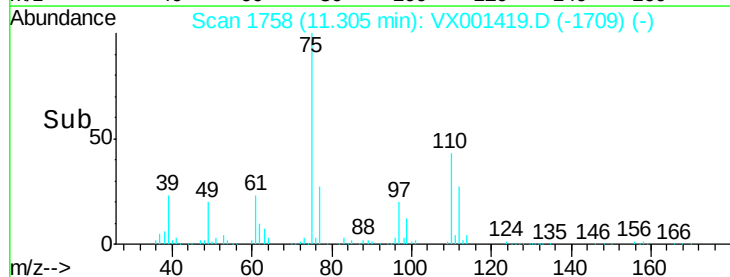
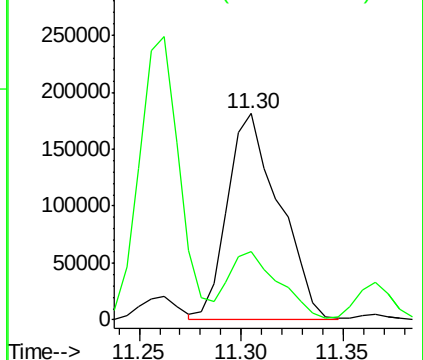
75 100

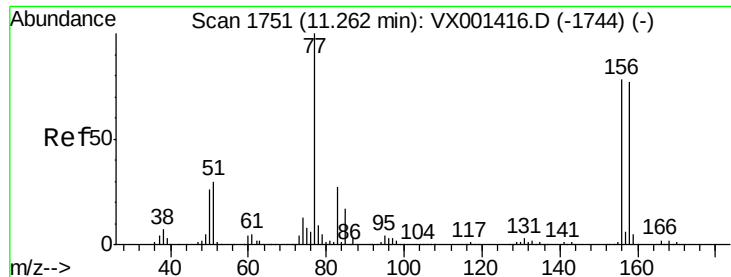
77 31.7 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.06 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

BFB

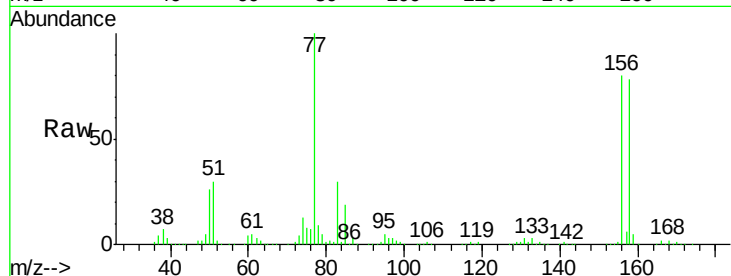
Tgt Ion:156 Resp: 259684

Ion Ratio Lower Upper

156 100

77 130.5 66.0 198.2

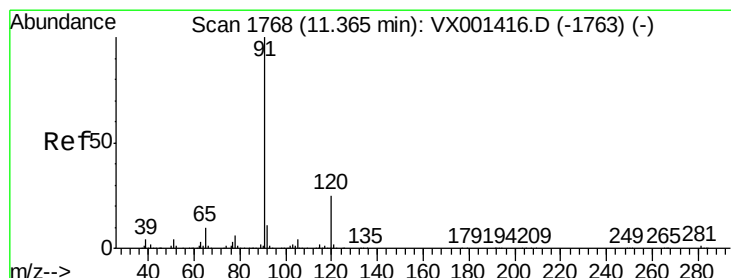
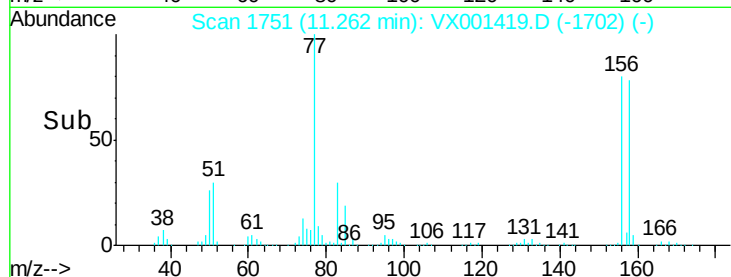
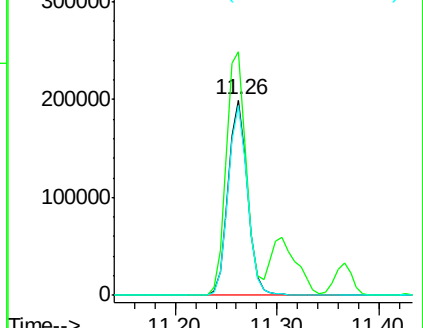
158 97.4 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.26 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001419.D

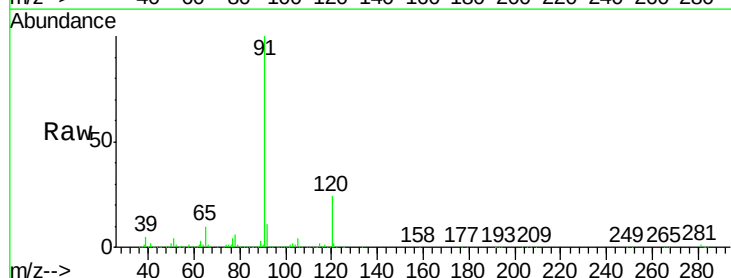
Acq: 05 May 2018 14:44

Tgt Ion: 91 Resp: 1015343

Ion Ratio Lower Upper

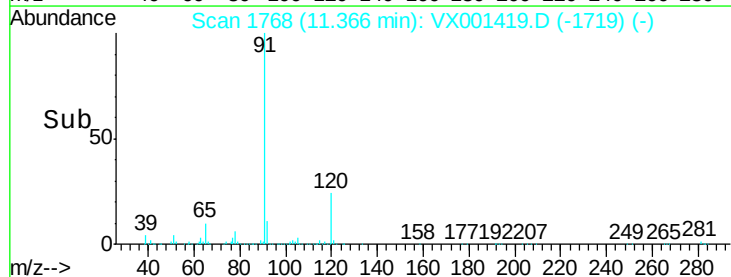
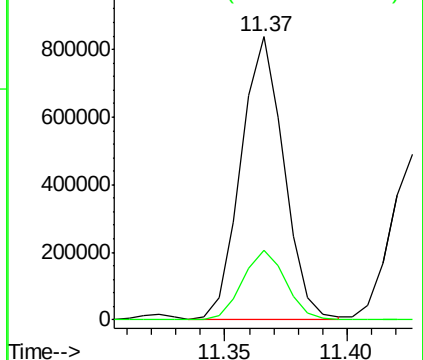
91 100

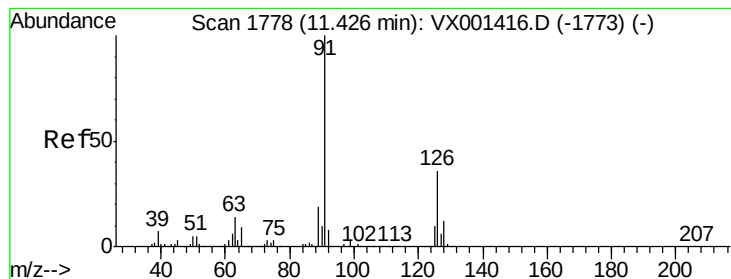
120 25.0 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.63 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampled :

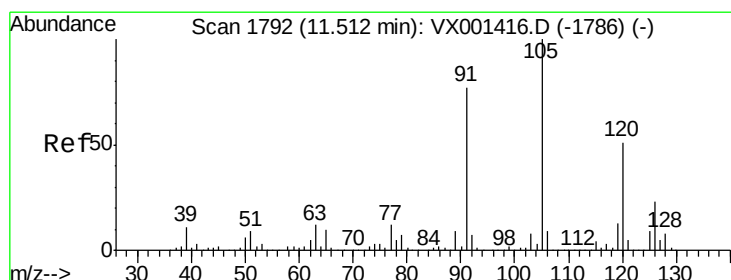
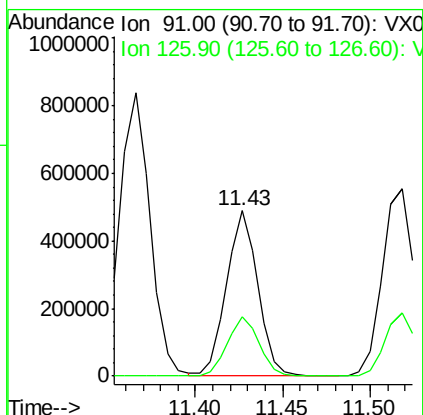
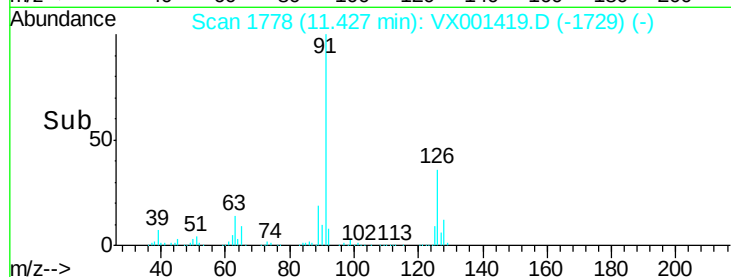
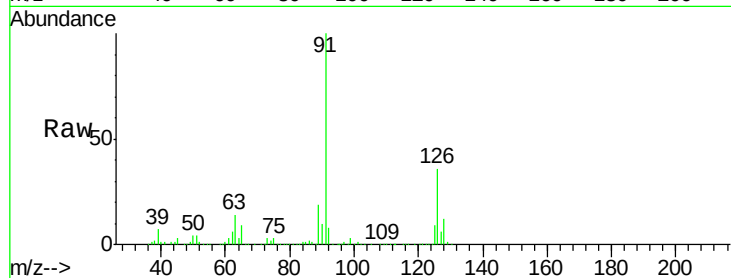
BFB

Tgt Ion: 91 Resp: 605384

Ion Ratio Lower Upper

91 100

126 36.8 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 51.83 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001419.D

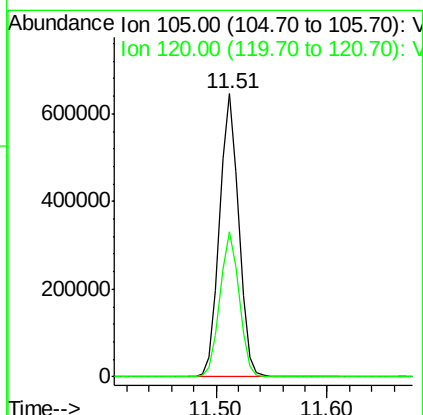
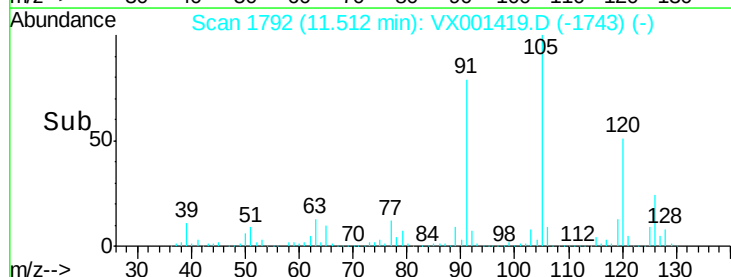
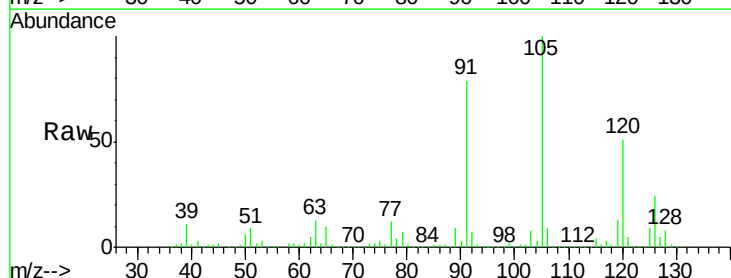
Acq: 05 May 2018 14:44

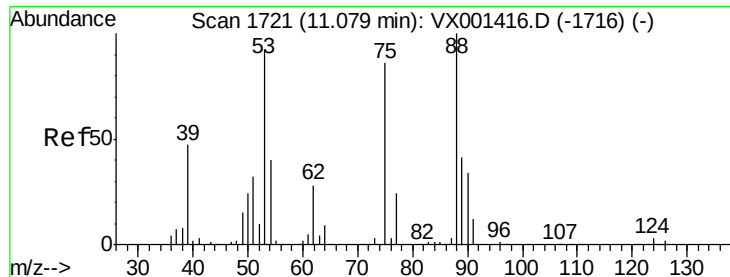
Tgt Ion: 105 Resp: 769975

Ion Ratio Lower Upper

105 100

120 51.5 25.7 77.1

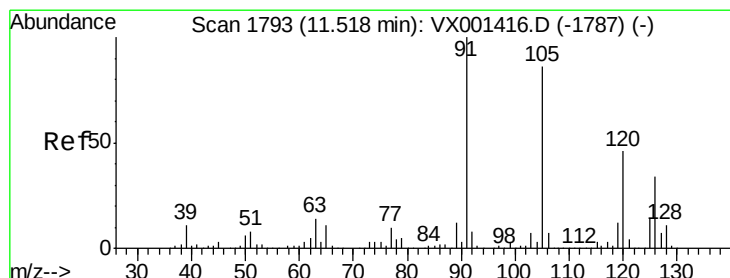
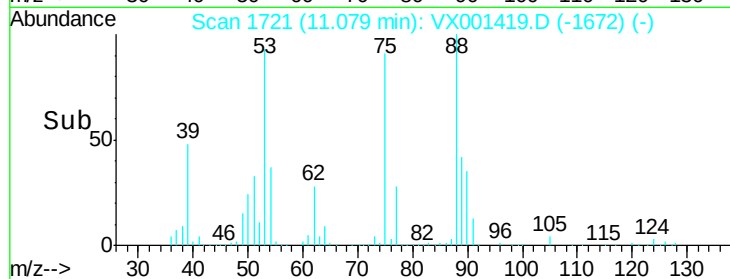
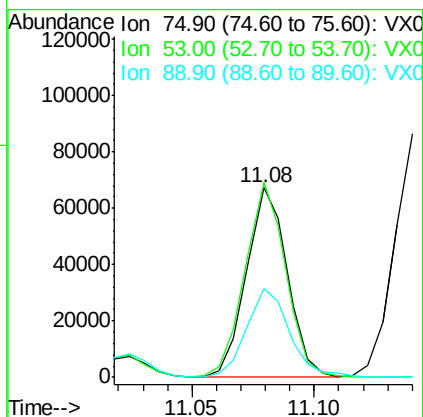
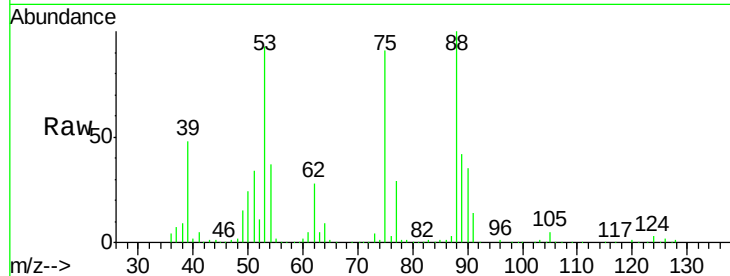




#81
trans-1,4-Dichloro-2-butene
Concen: 47.74 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

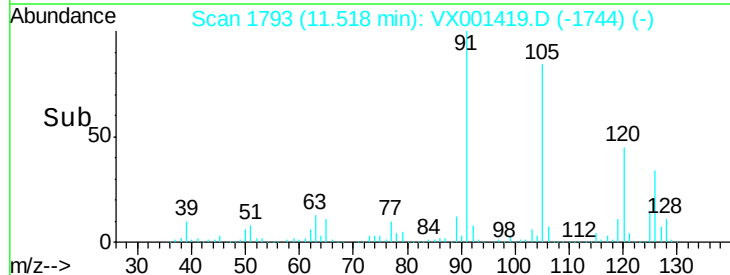
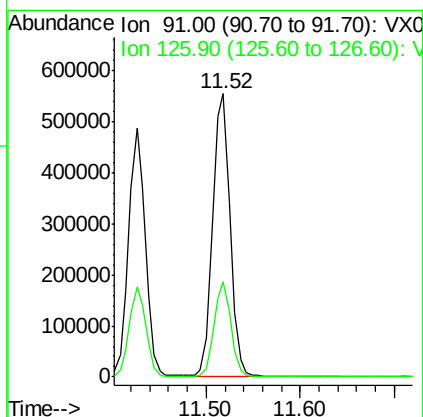
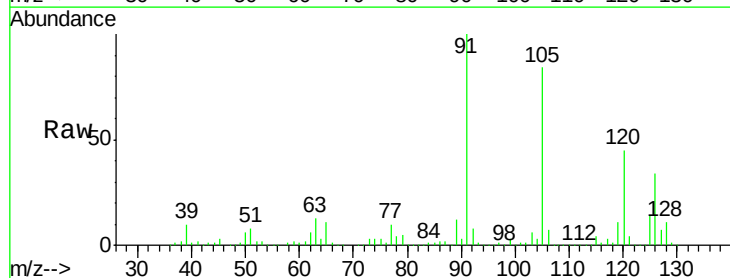
Instrument :
MSVOA_X
ClientSampleId :
BFB

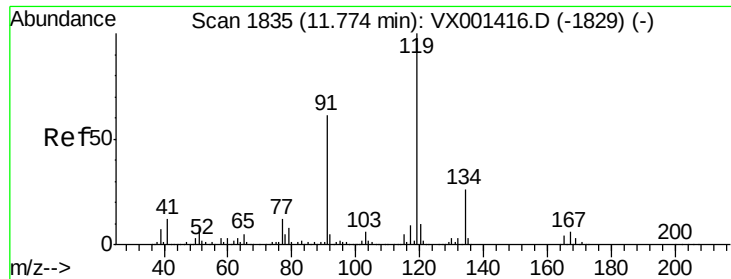
Tgt Ion: 75 Resp: 77916
Ion Ratio Lower Upper
75 100
53 103.1 84.5 126.7
89 49.9 39.5 59.3



#82
4-Chlorotoluene
Concen: 51.61 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001419.D
Acq: 05 May 2018 14:44

Tgt Ion: 91 Resp: 711831
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.5

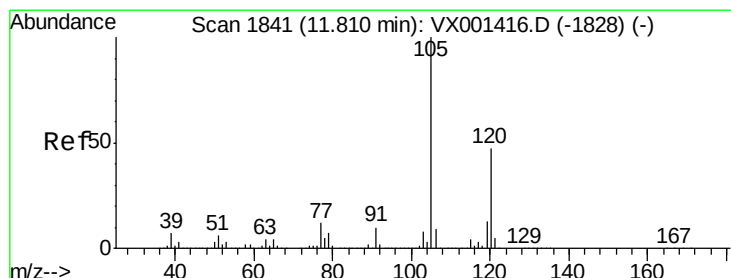
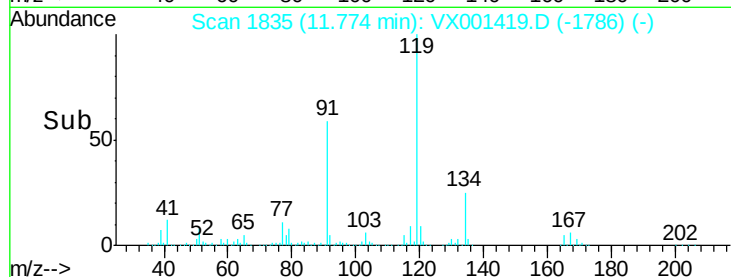
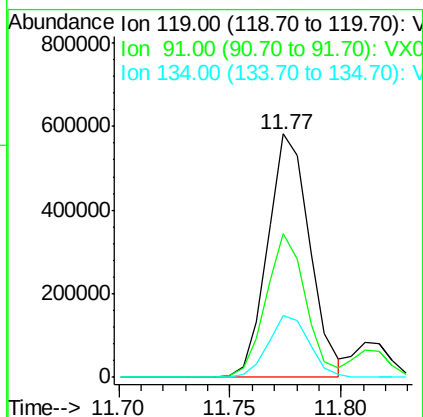
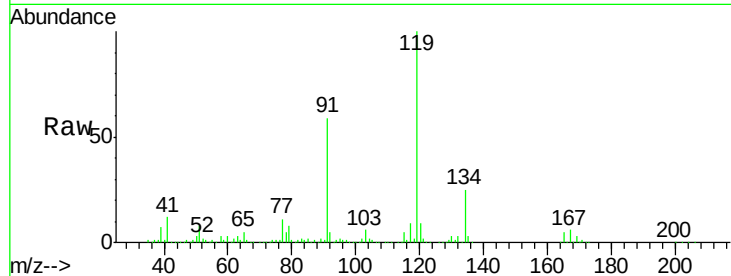




#83
 tert-Butylbenzene
 Concen: 51.52 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001419.D
 Acq: 05 May 2018 14:44

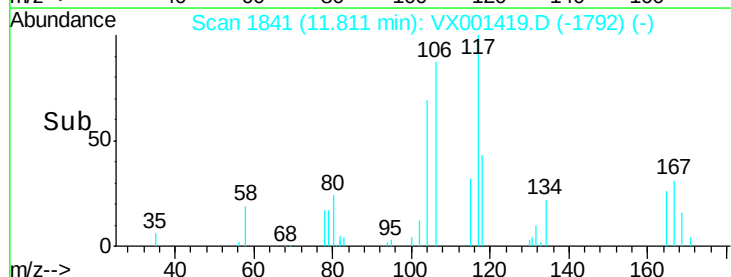
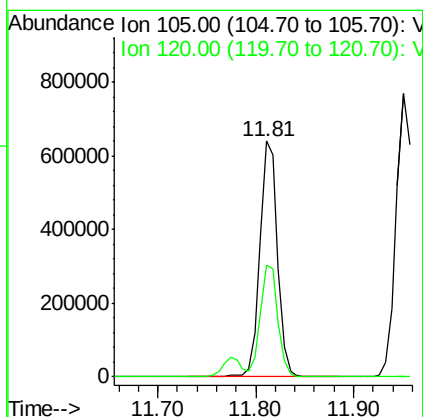
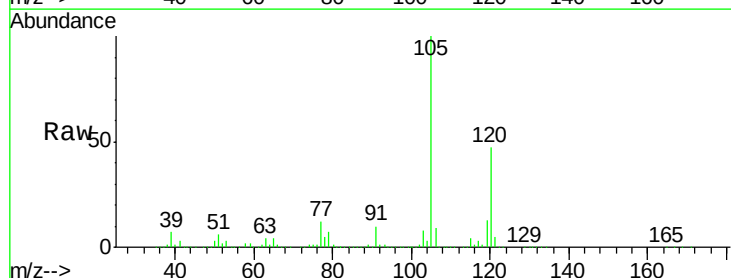
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

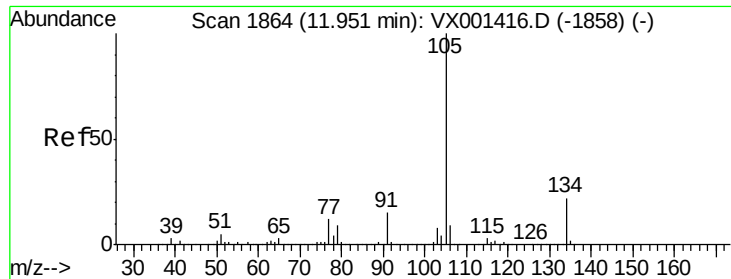
Tgt Ion:119 Resp: 761434
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.8 83.3
 134 25.1 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 52.03 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001419.D
 Acq: 05 May 2018 14:44

Tgt Ion:105 Resp: 794382
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.4 70.2





#85

sec-Butylbenzene

Concen: 52.51 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampled :

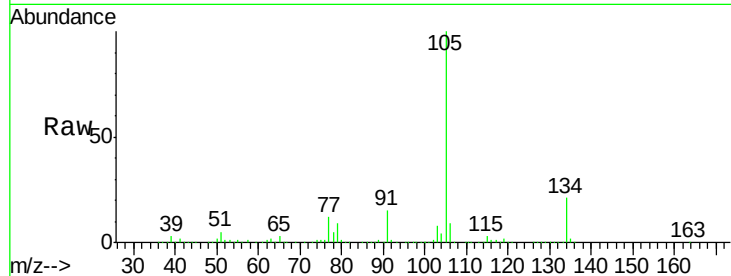
BFB

Tgt Ion:105 Resp: 931679

Ion Ratio Lower Upper

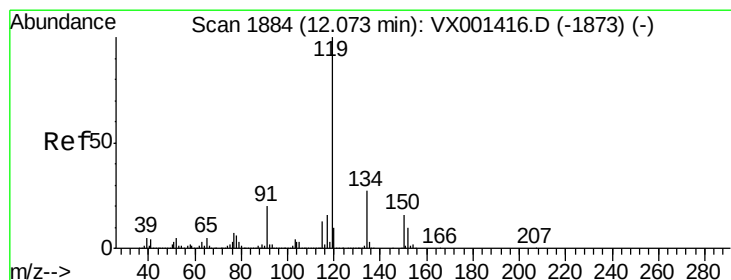
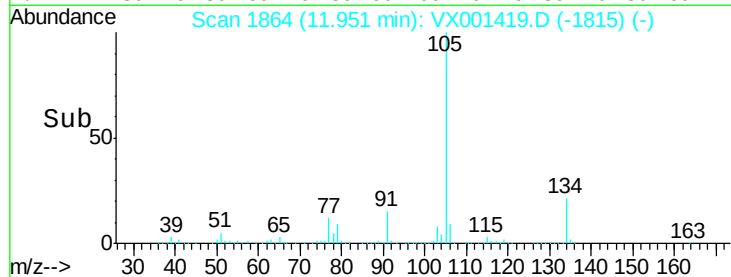
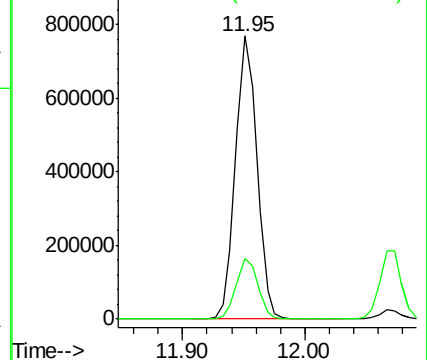
105 100

134 21.6 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.13 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

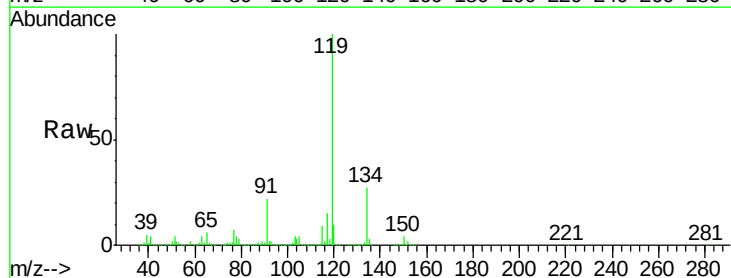
Tgt Ion:119 Resp: 864676

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

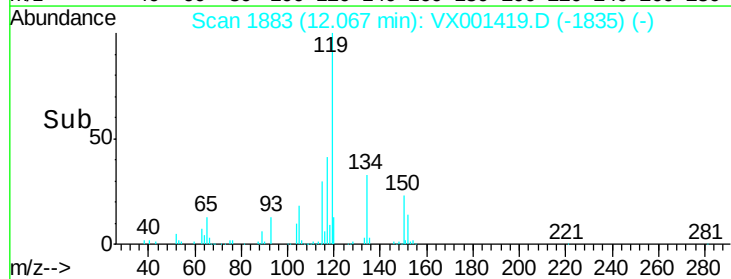
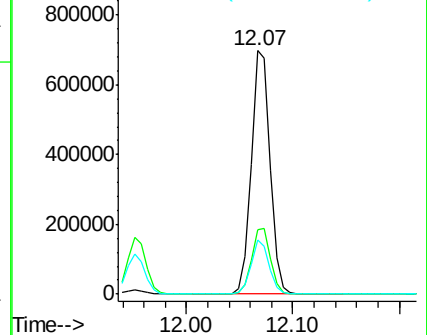
91 21.4 10.8 32.3

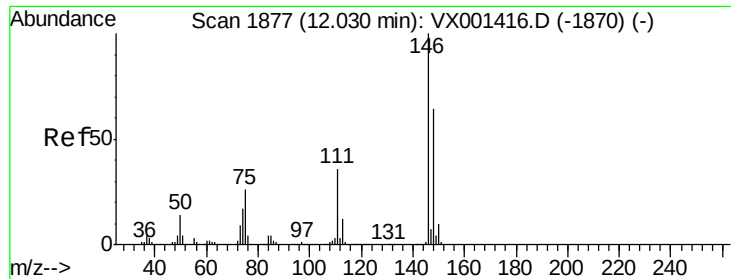


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.39 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampled :

BFB

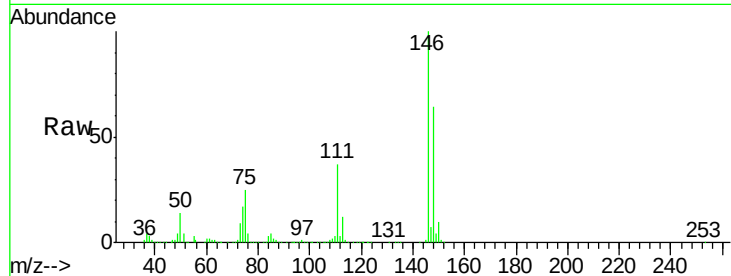
Tgt Ion:146 Resp: 467271

Ion Ratio Lower Upper

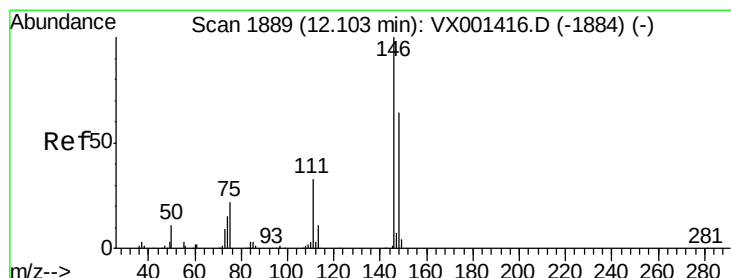
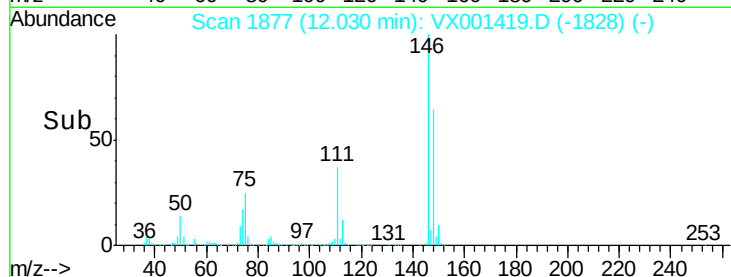
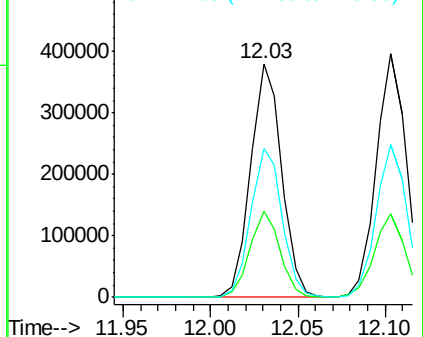
146 100

111 36.2 18.1 54.1

148 64.6 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.15 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

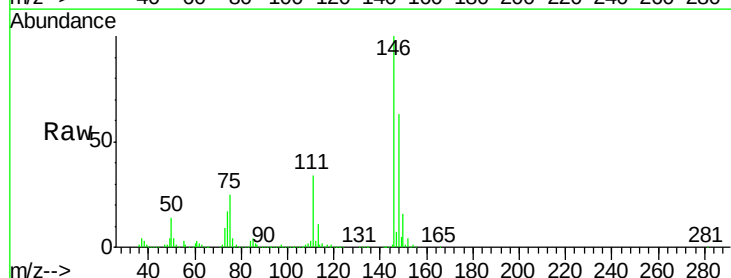
Tgt Ion:146 Resp: 474292

Ion Ratio Lower Upper

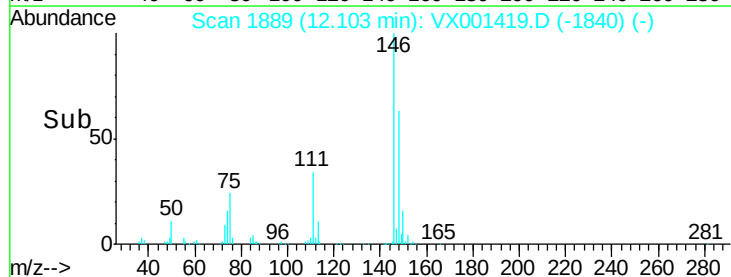
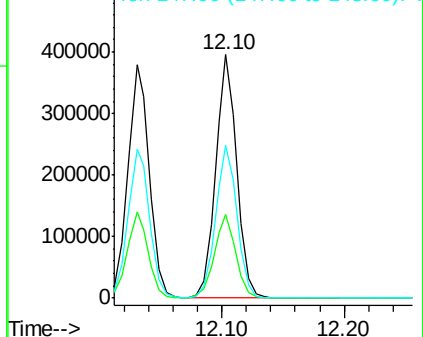
146 100

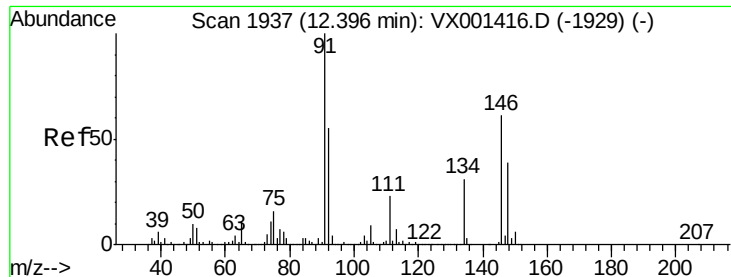
111 34.9 17.4 52.3

148 63.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 52.63 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

BFB

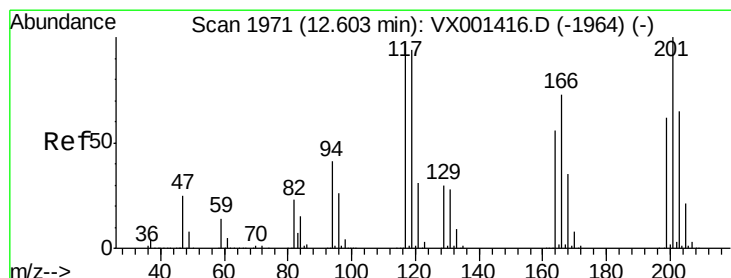
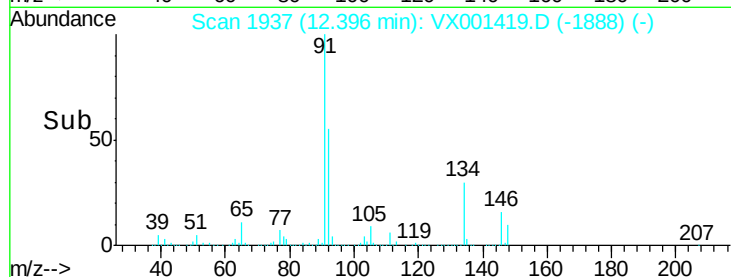
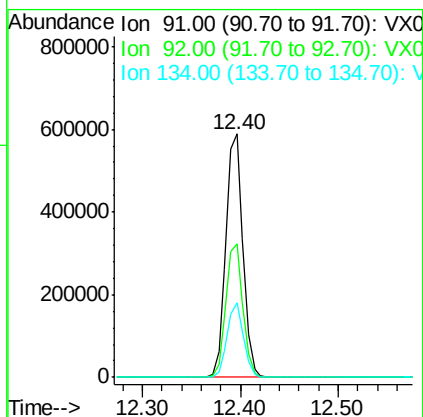
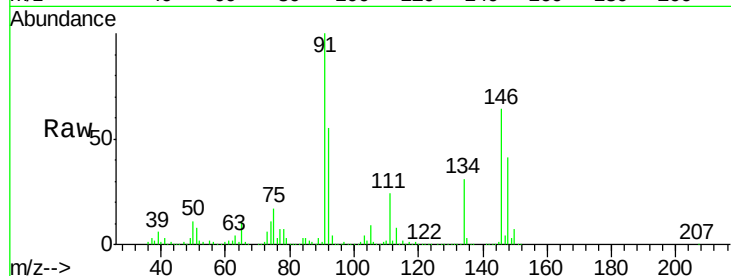
Tgt Ion: 91 Resp: 709692

Ion Ratio Lower Upper

91 100

92 54.8 27.2 81.5

134 29.4 14.6 44.0



#90

Hexachloroethane

Concen: 53.75 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001419.D

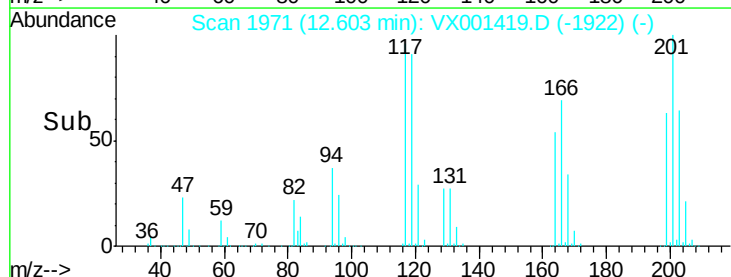
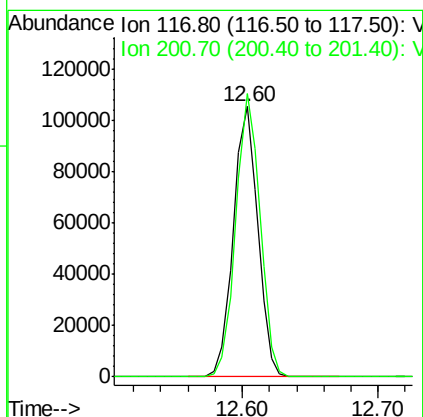
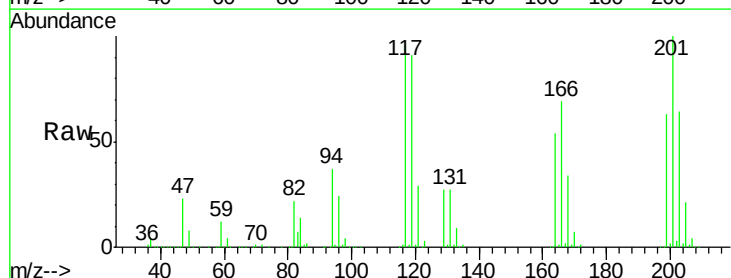
Acq: 05 May 2018 14:44

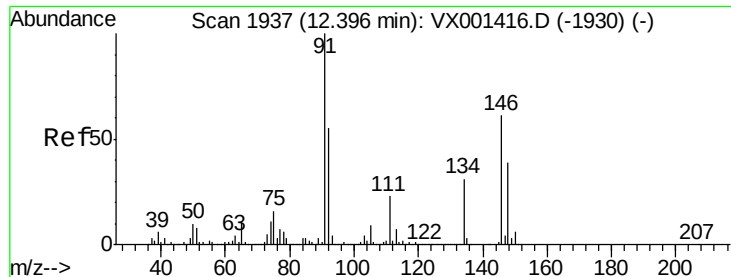
Tgt Ion: 117 Resp: 131732

Ion Ratio Lower Upper

117 100

201 104.0 51.5 154.5

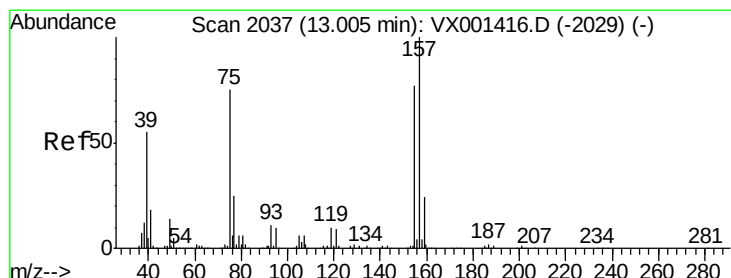
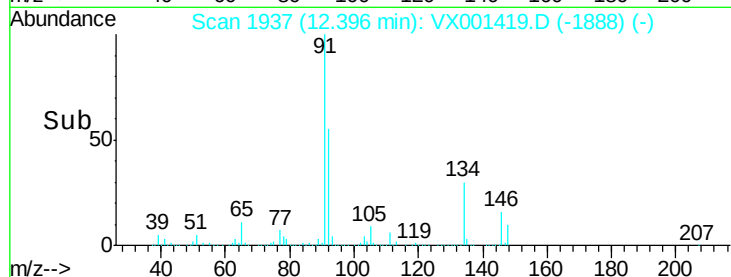
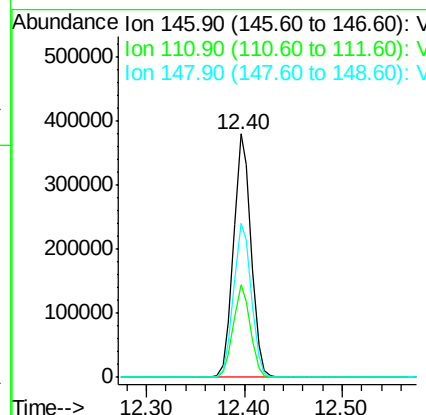
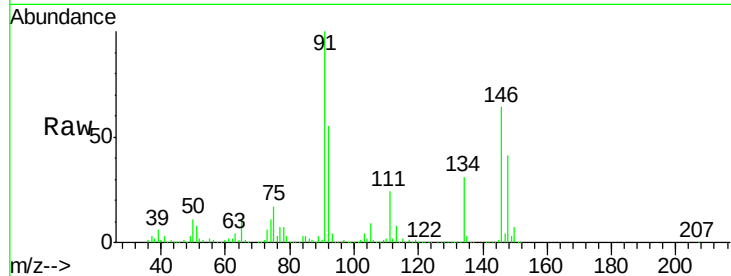




#91
 1,2-Dichlorobenzene
 Concen: 49.95 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001419.D
 Acq: 05 May 2018 14:44

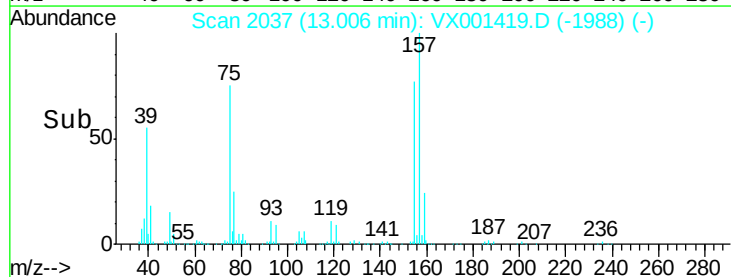
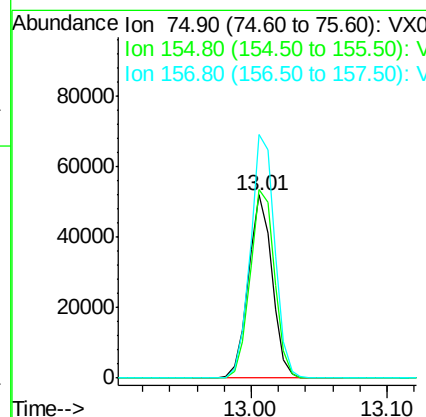
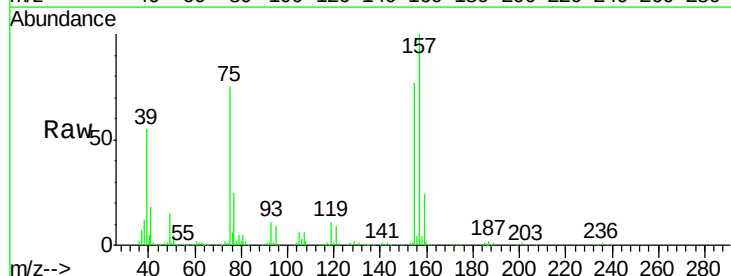
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

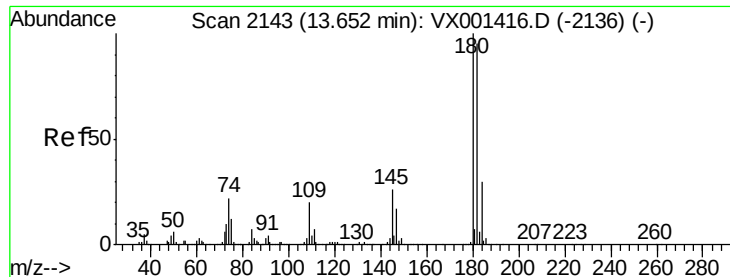
Tgt Ion:146 Resp: 471224
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 64.3 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.80 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001419.D
 Acq: 05 May 2018 14:44

Tgt Ion: 75 Resp: 63442
 Ion Ratio Lower Upper
 75 100
 155 106.0 53.4 160.2
 157 136.4 68.3 204.8

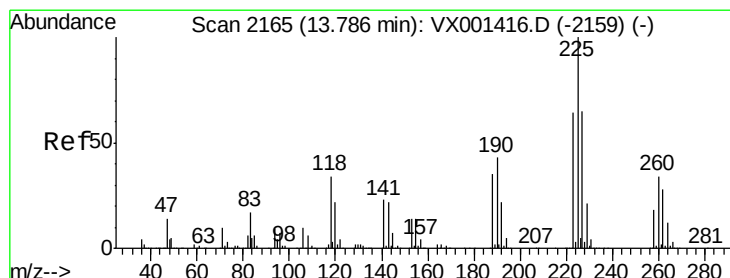
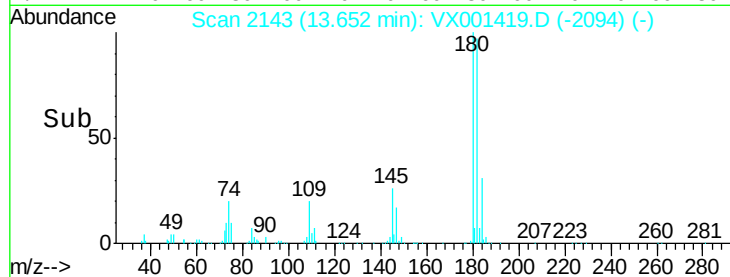
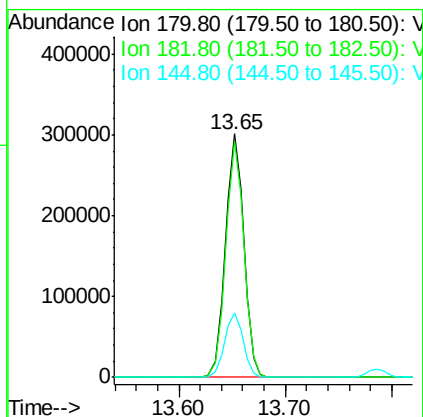
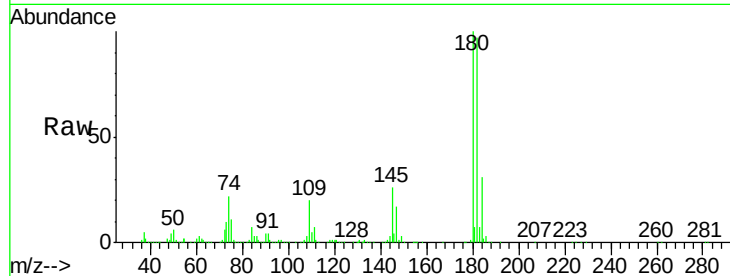




#93
 1,2,4-Trichlorobenzene
 Concen: 52.94 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001419.D
 Acq: 05 May 2018 14:44

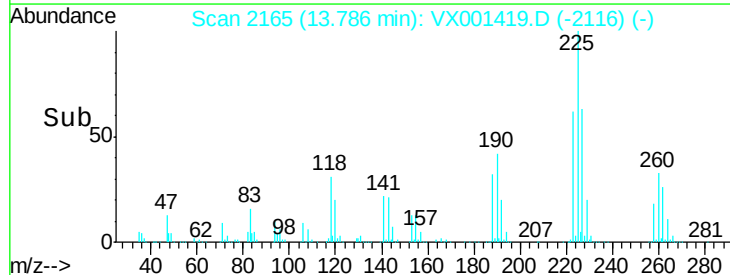
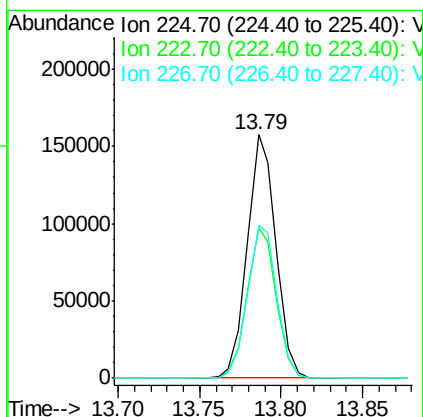
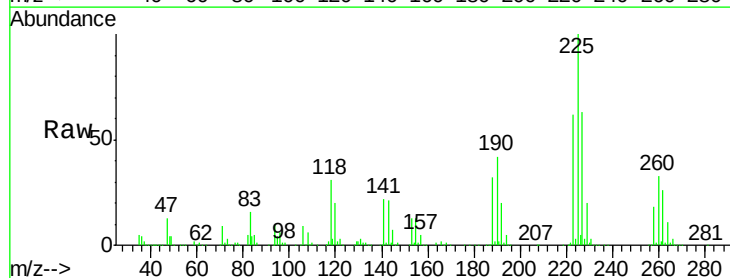
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

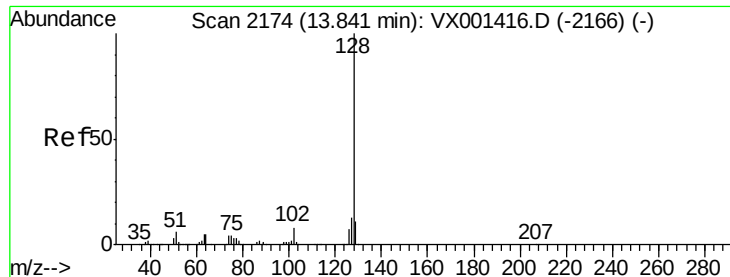
Tgt Ion:180 Resp: 365472
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.8 143.4
 145 26.6 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 50.98 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001419.D
 Acq: 05 May 2018 14:44

Tgt Ion:225 Resp: 192577
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.9
 227 64.2 32.4 97.2





#95

Naphthalene

Concen: 54.53 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

BFB

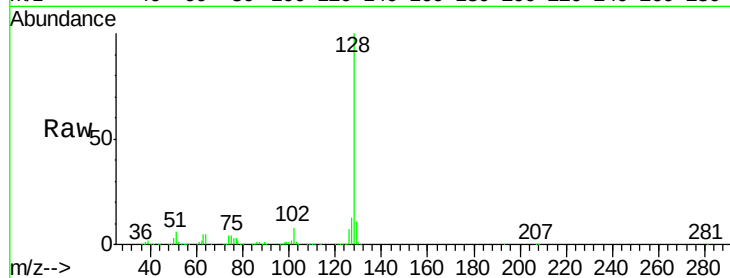
Tgt Ion:128 Resp: 1041099

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

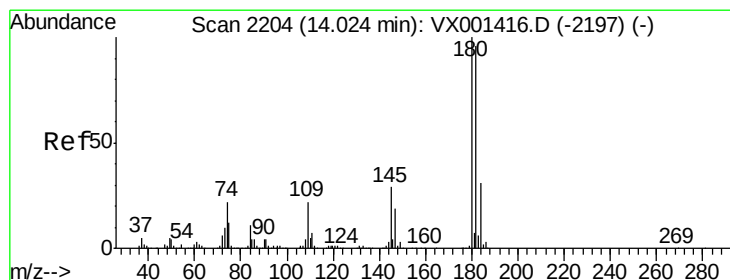
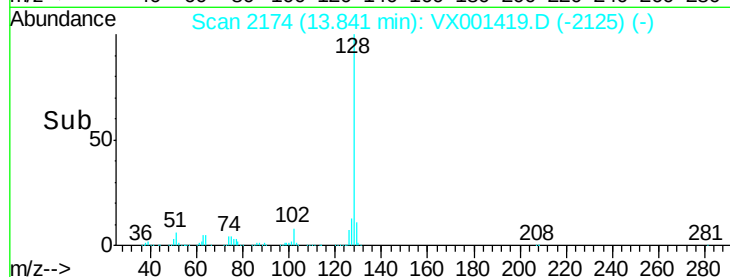
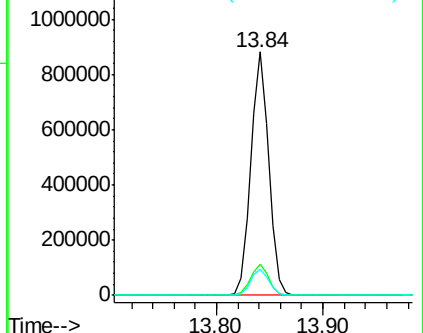
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.37 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001419.D

Acq: 05 May 2018 14:44

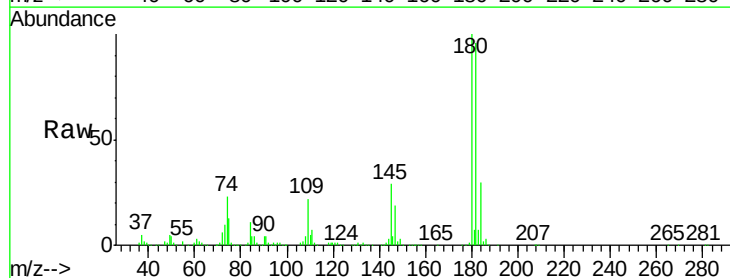
Tgt Ion:180 Resp: 370937

Ion Ratio Lower Upper

180 100

182 96.5 48.0 144.2

145 28.5 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

