

Data File : VX001735.D

Acq On : 15 May 2018 10:12

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: May 16 04:00:10 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:36:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	342483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	429533	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	376090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	212050	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
35) Dibromofluoromethane	5.51	113	180171	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	8.72	98	685457	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
62) 4-Bromofluorobenzene	11.14	95	237231	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	186329	54.21	ug/l	99
3) Chloromethane	1.32	50	183037	49.30	ug/l	100
4) Vinyl Chloride	1.40	62	205941	51.31	ug/l	99
5) Bromomethane	1.64	94	82636	48.84	ug/l	99
6) Chloroethane	1.72	64	130524	51.63	ug/l	98
7) Trichlorofluoromethane	1.93	101	310965	53.32	ug/l	99
8) Diethyl Ether	2.19	74	122683	51.10	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	189685	54.02	ug/l	100
10) Methyl Iodide	2.51	142	109769	33.98	ug/l	100
11) Tert butyl alcohol	3.07	59	193987	238.02	ug/l	100
12) 1,1-Dichloroethene	2.37	96	172491	50.96	ug/l	99
13) Acrolein	2.29	56	157147	271.86	ug/l	100
14) Allyl chloride	2.73	41	323383	51.68	ug/l	99
15) Acrylonitrile	3.15	53	492341	240.51	ug/l	100
16) Acetone	2.45	43	494800	274.43	ug/l	100
17) Carbon Disulfide	2.57	76	455604	51.60	ug/l	99
18) Methyl Acetate	2.78	43	262030	49.71	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	581135	50.93	ug/l	100
20) Methylene Chloride	2.86	84	191115	49.52	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	188469	50.54	ug/l	98
22) Diisopropyl ether	3.87	45	609710	50.80	ug/l	97
23) Vinyl Acetate	3.82	43	2081726	240.71	ug/l	100
24) 1,1-Dichloroethane	3.70	63	337595	51.28	ug/l	100
25) 2-Butanone	4.71	43	706037	255.77	ug/l	98
26) 2,2-Dichloropropane	4.59	77	287430	54.24	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	214704	50.60	ug/l	99
28) Bromochloromethane	5.03	49	160930	55.04	ug/l	99
29) Tetrahydrofuran	5.17	42	437193	242.97	ug/l	100
30) Chloroform	5.22	83	353897	51.18	ug/l	99
31) Cyclohexane	5.57	56	320044	55.47	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	317964	53.21	ug/l	100
36) 1,1-Dichloropropene	5.80	75	274504	55.51	ug/l	100
37) Ethyl Acetate	4.87	43	265618	51.55	ug/l	100
38) Carbon Tetrachloride	5.79	117	292766	56.52	ug/l	99

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ClientSampleId :
BFB

Quant Time: May 16 04:00:10 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:36:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	349407	60.48	ug/l	100
40) Benzene	6.15	78	795251	54.59	ug/l	99
41) Methacrylonitrile	5.07	41	155027	52.02	ug/l	99
42) 1,2-Dichloroethane	6.20	62	279622	53.07	ug/l	100
43) Isopropyl Acetate	6.47	43	429248	53.22	ug/l	100
44) Trichloroethene	7.21	130	248059	54.86	ug/l	98
45) 1,2-Dichloropropane	7.52	63	196305	54.91	ug/l	99
46) Dibromomethane	7.67	93	133237	53.08	ug/l	98
47) Bromodichloromethane	7.90	83	267416	57.41	ug/l	97
48) Methyl methacrylate	7.78	41	230351	54.26	ug/l	99
49) 1,4-Dioxane	7.76	88	90465	1106.78	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1384241	270.83	ug/l	100
52) Toluene	8.79	92	530243	56.64	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	321382	58.64	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	296759	61.43	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	196819	55.00	ug/l	99
56) Ethyl methacrylate	9.19	69	298497	58.82	ug/l	100
57) 1,3-Dichloropropane	9.38	76	314275	52.46	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	778968	298.42	ug/l	100
59) 2-Hexanone	9.50	43	996851	272.46	ug/l	100
60) Dibromochloromethane	9.59	129	211599	57.75	ug/l	99
61) 1,2-Dibromoethane	9.68	107	200374	53.49	ug/l	99
64) Tetrachloroethene	9.34	164	271343	55.42	ug/l	98
65) Chlorobenzene	10.15	112	556681	53.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	205519	56.25	ug/l	99
67) Ethyl Benzene	10.26	91	935056	56.56	ug/l	99
68) m/p-Xylenes	10.37	106	751926	115.27	ug/l	100
69) o-Xylene	10.70	106	359041	57.47	ug/l	99
70) Styrene	10.72	104	595793	57.83	ug/l	100
71) Bromoform	10.86	173	171847	50.50	ug/l	99
73) Isopropylbenzene	11.02	105	962819	56.80	ug/l	100
74) N-amyl acetate	6.47	43	429248	52.82	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	261428	51.41	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	317045	64.78	ug/l	89
77) Bromobenzene	11.26	156	272342	54.68	ug/l	99
78) n-propylbenzene	11.37	91	1108713	58.06	ug/l	99
79) 2-Chlorotoluene	11.43	91	634845	55.58	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	806964	58.03	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	80514	49.09	ug/l	98
82) 4-Chlorotoluene	11.52	91	750093	55.75	ug/l	99
83) tert-Butylbenzene	11.77	119	790834	57.15	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	837946	58.19	ug/l	100
85) sec-Butylbenzene	11.95	105	999174	58.49	ug/l	100
86) p-Isopropyltoluene	12.07	119	933143	59.03	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	506105	54.94	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	513164	53.88	ug/l	99
89) n-Butylbenzene	12.40	91	813989	59.54	ug/l	100
90) Hexachloroethane	12.60	117	146798	59.80	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	495727	54.01	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59053	54.41	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051518\
Quantitation Report (Not Reviewed)

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Quant Time: May 16 04:00:10 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

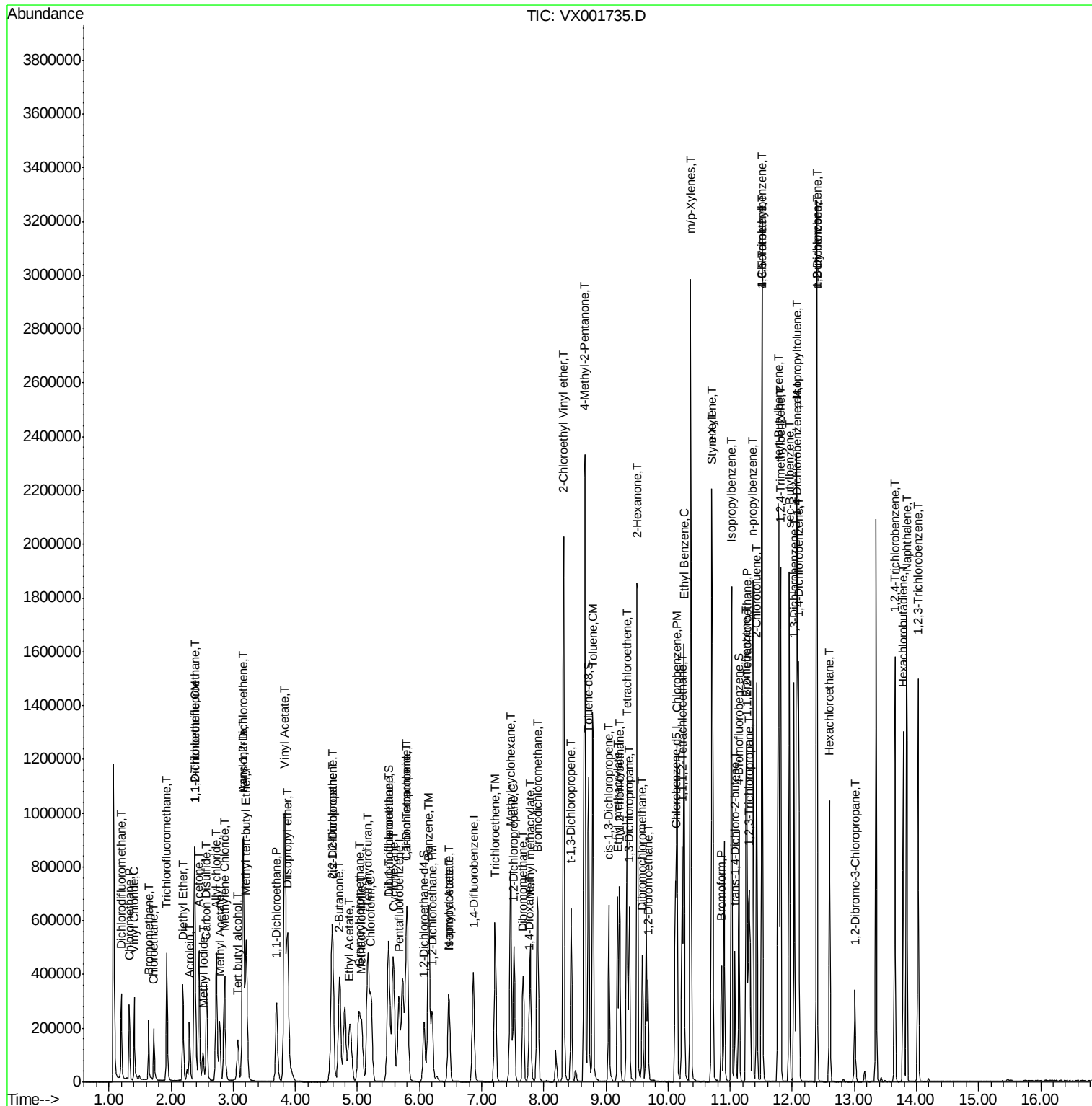
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	418486	57.20	ug/l	100
94) Hexachlorobutadiene	13.79	225	223132	56.81	ug/l	100
95) Naphthalene	13.84	128	1063060	55.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	410771	55.76	ug/l	100

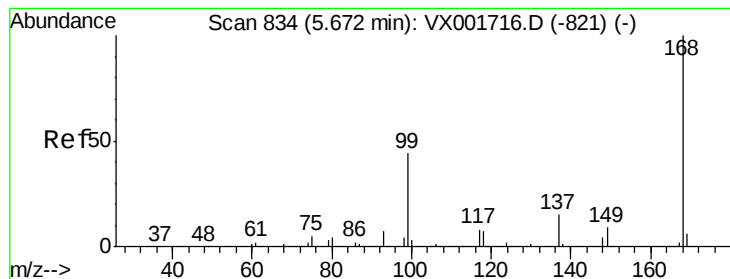
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 2 Sample Multiplier: 1

BFB

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

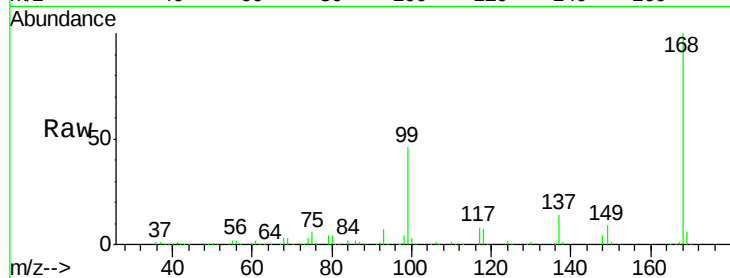
BFB

Tgt Ion:168 Resp: 342483

Ion Ratio Lower Upper

168 100

99 45.4 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

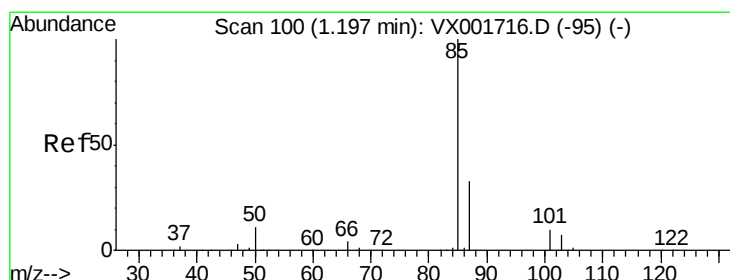
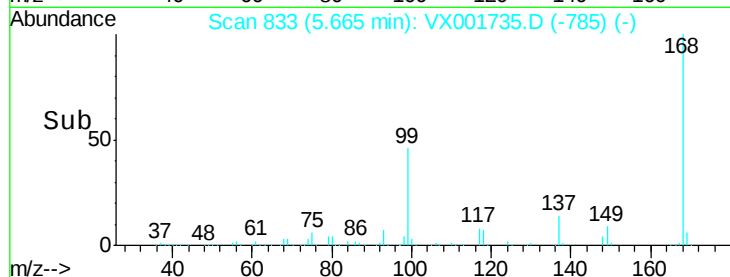
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 54.21 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001735.D

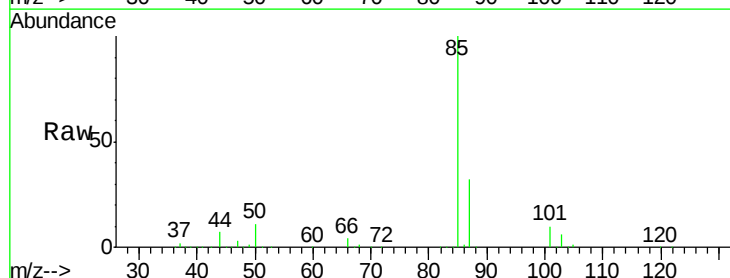
Acq: 15 May 2018 10:12

Tgt Ion: 85 Resp: 186329

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

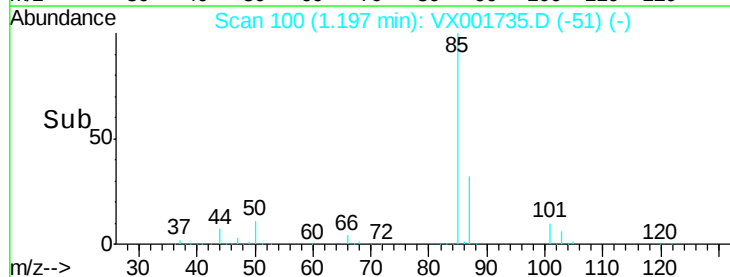
150000

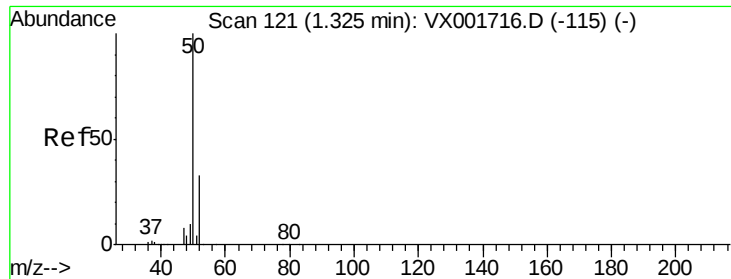
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 49.30 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

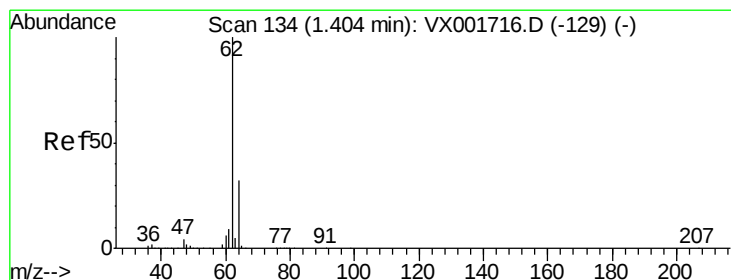
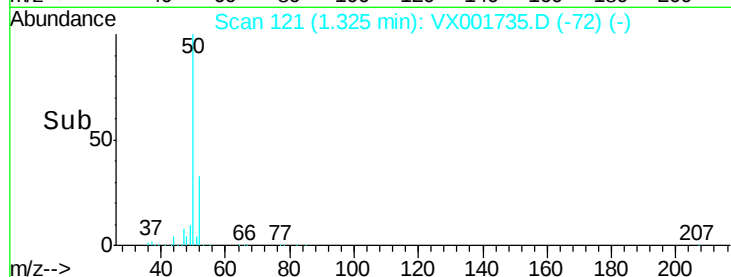
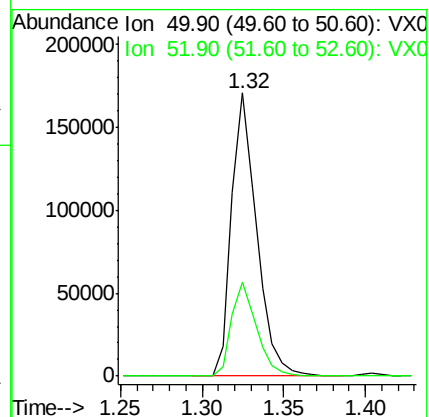
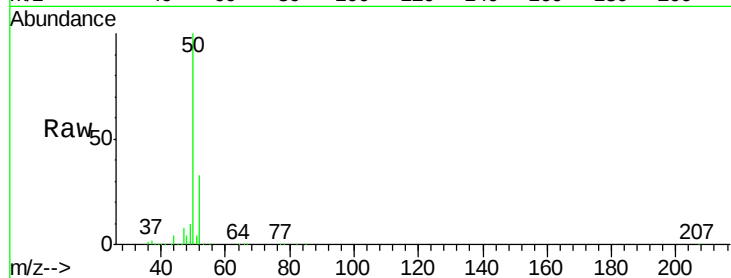
BFB

Tgt Ion: 50 Resp: 183037

Ion Ratio Lower Upper

50 100

52 33.0 26.3 39.5



#4

Vinyl Chloride

Concen: 51.31 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001735.D

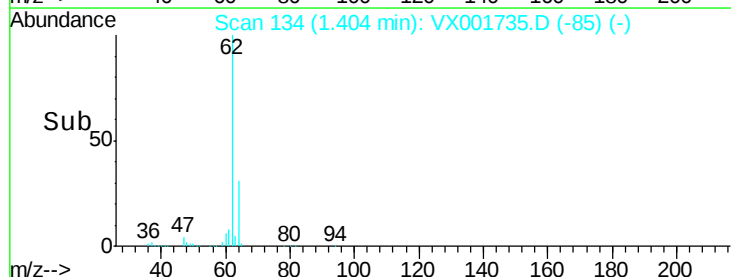
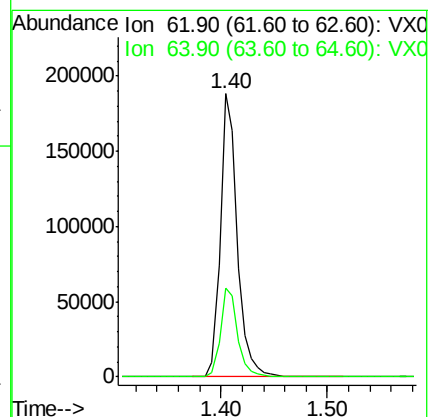
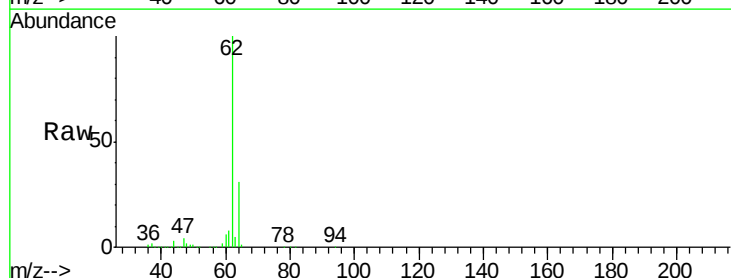
Acq: 15 May 2018 10:12

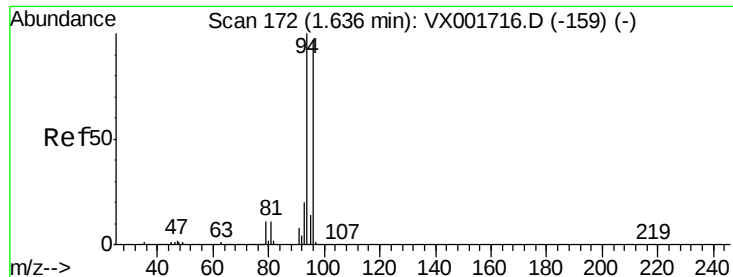
Tgt Ion: 62 Resp: 205941

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#5

Bromomethane

Concen: 48.84 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

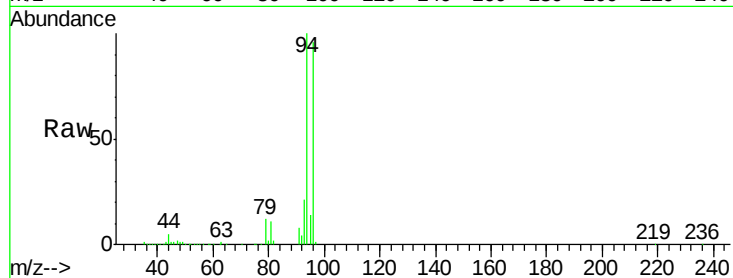
BFB

Tgt Ion: 94 Resp: 82636

Ion Ratio Lower Upper

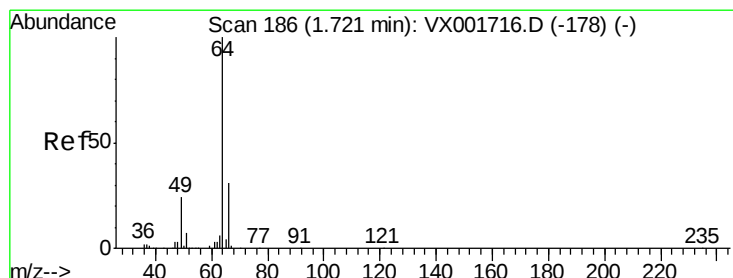
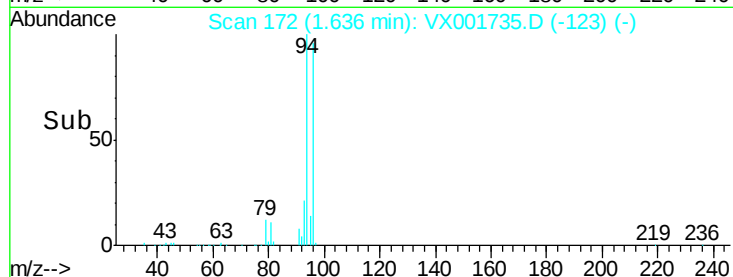
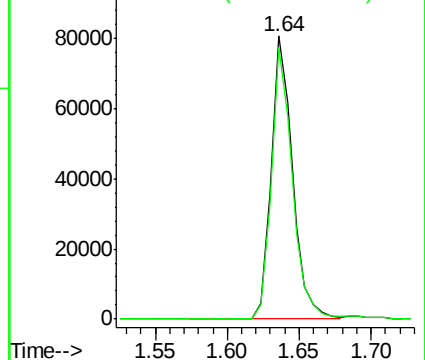
94 100

96 96.1 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.63 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001735.D

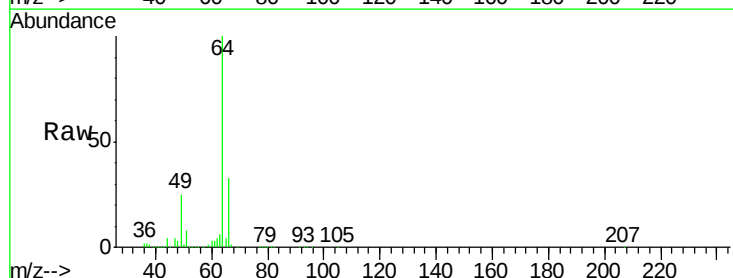
Acq: 15 May 2018 10:12

Tgt Ion: 64 Resp: 130524

Ion Ratio Lower Upper

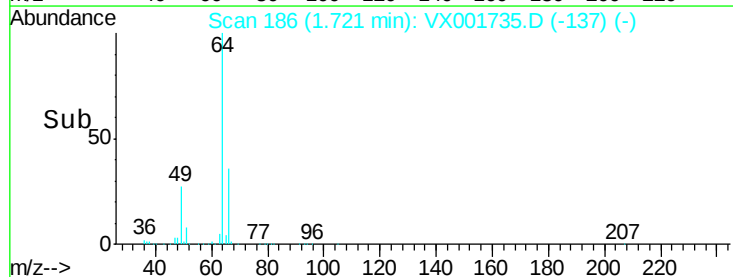
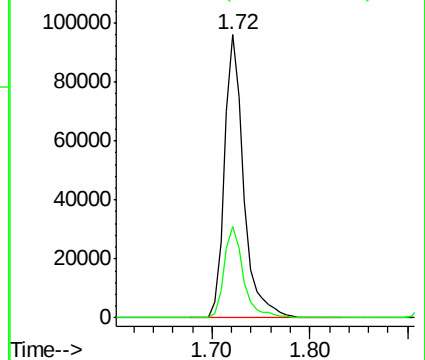
64 100

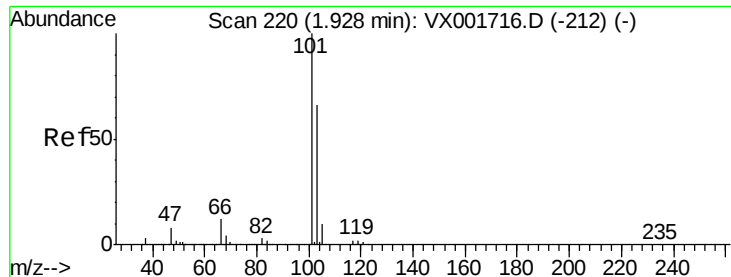
66 32.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 53.32 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

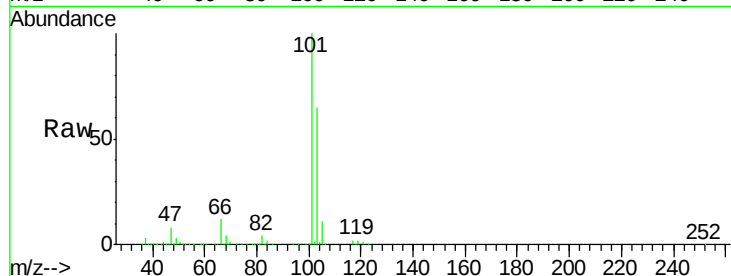
BFB

Tgt Ion:101 Resp: 310965

Ion Ratio Lower Upper

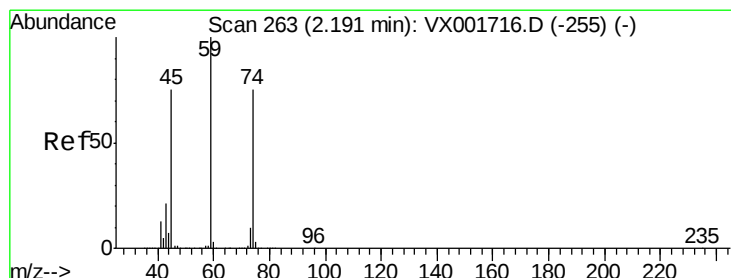
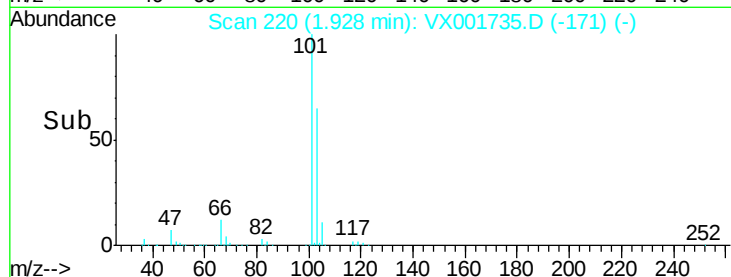
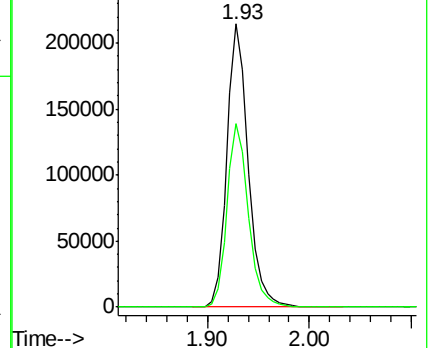
101 100

103 64.7 52.6 78.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 51.10 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001735.D

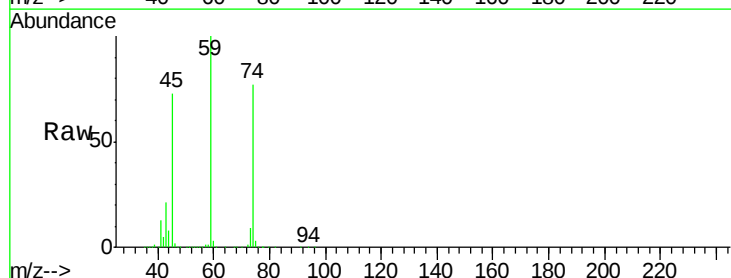
Acq: 15 May 2018 10:12

Tgt Ion: 74 Resp: 122683

Ion Ratio Lower Upper

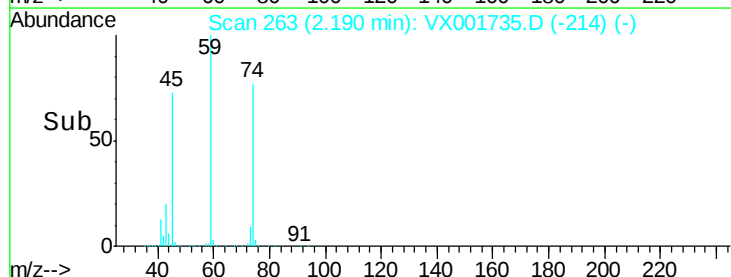
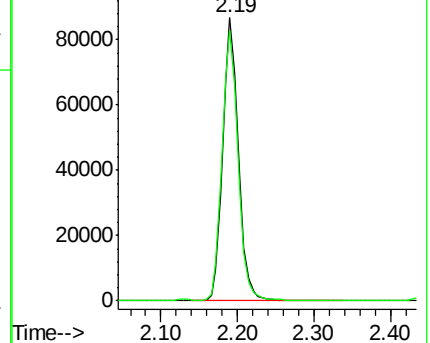
74 100

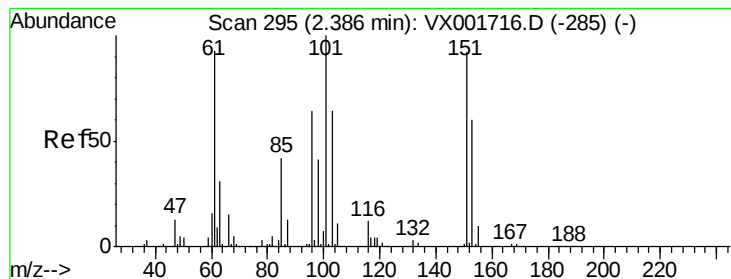
45 97.5 50.0 149.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.02 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

BFB

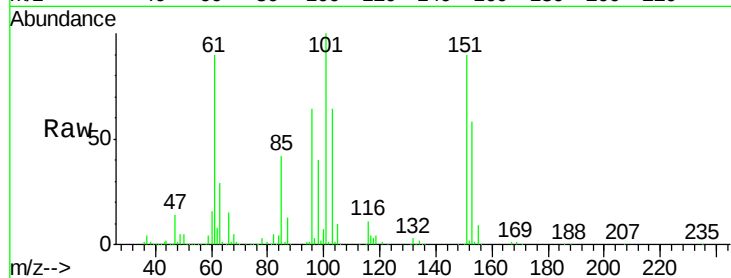
Tgt Ion:101 Resp: 189685

Ion Ratio Lower Upper

101 100

85 41.6 33.7 50.5

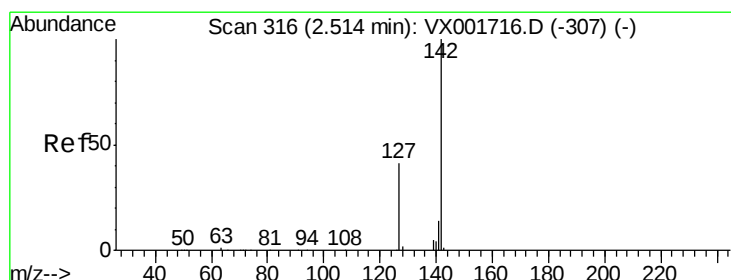
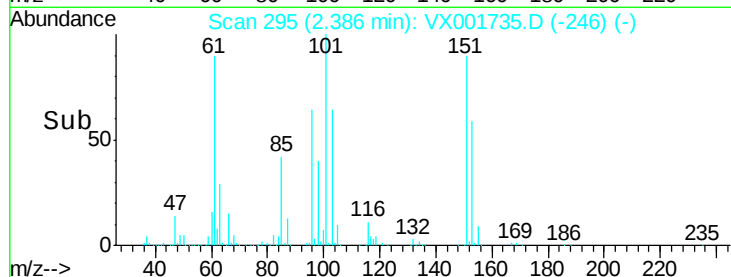
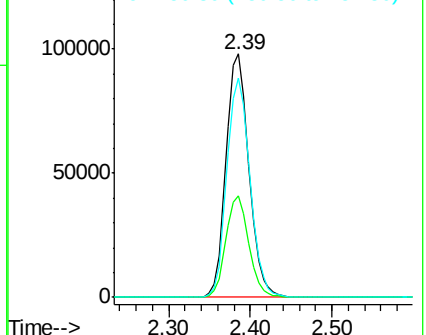
151 91.1 73.0 109.6



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: 33.98 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

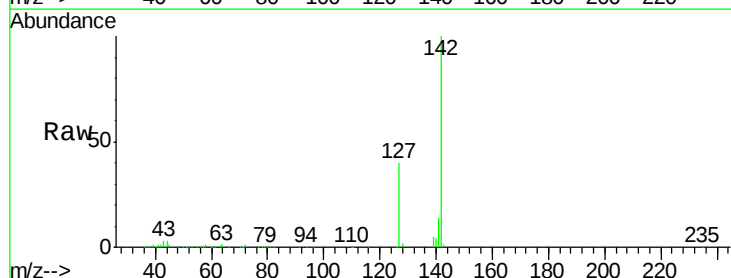
Tgt Ion:142 Resp: 109769

Ion Ratio Lower Upper

142 100

127 40.6 32.5 48.7

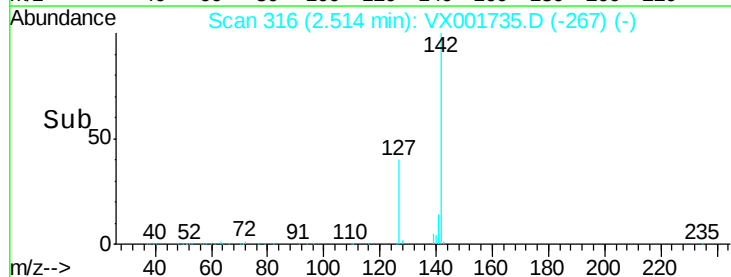
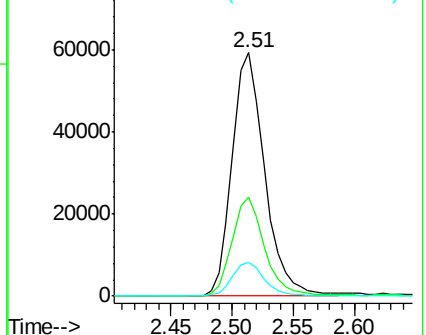
141 14.0 11.4 17.0

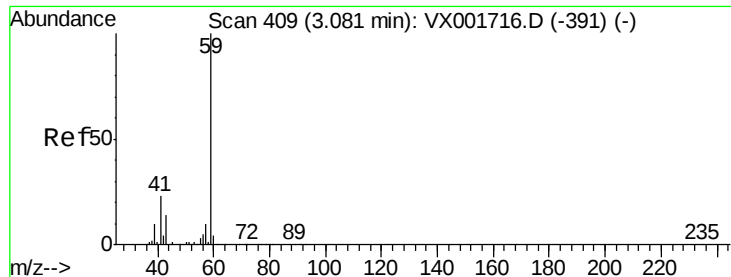


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 238.02 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

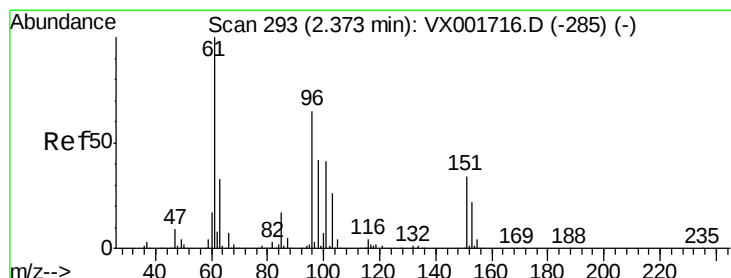
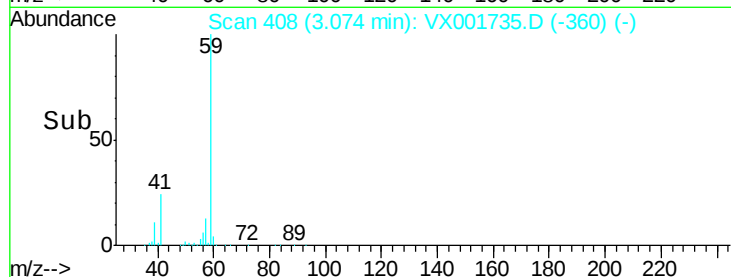
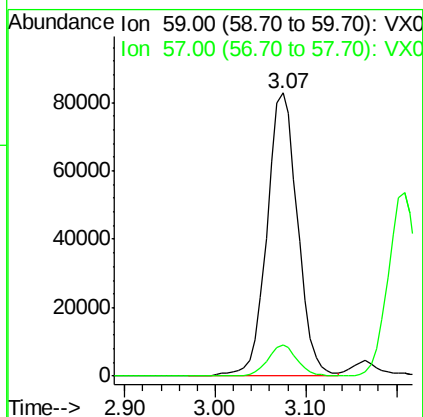
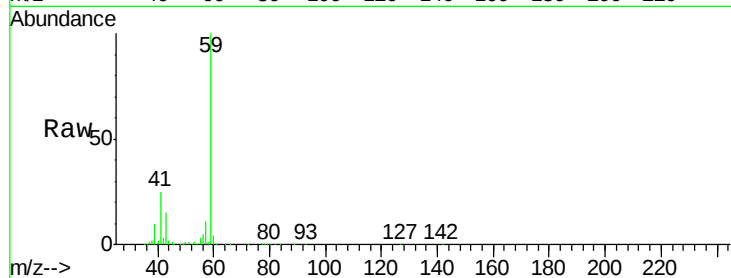
BFB

Tgt Ion: 59 Resp: 193987

Ion Ratio Lower Upper

59 100

57 10.5 8.5 12.7



#12

1,1-Dichloroethene

Concen: 50.96 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

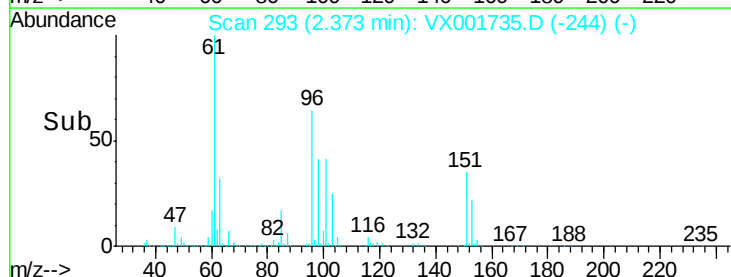
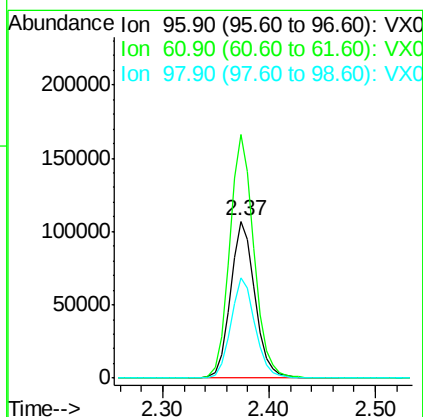
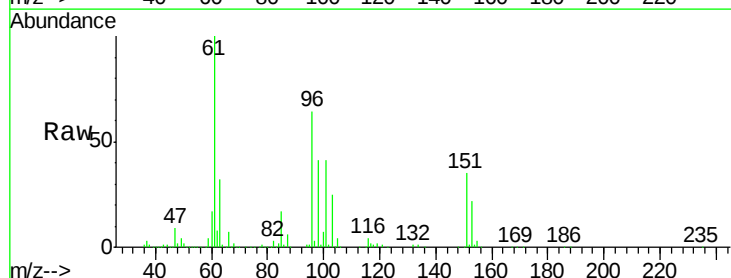
Tgt Ion: 96 Resp: 172491

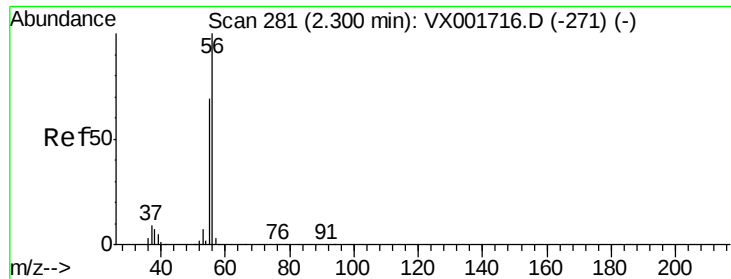
Ion Ratio Lower Upper

96 100

61 155.2 122.2 183.2

98 64.0 51.4 77.0





#13

Acrolein

Concen: 271.86 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

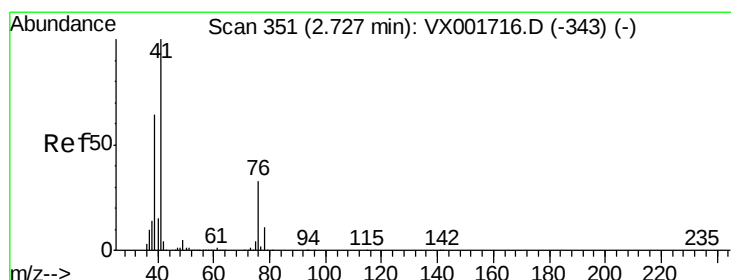
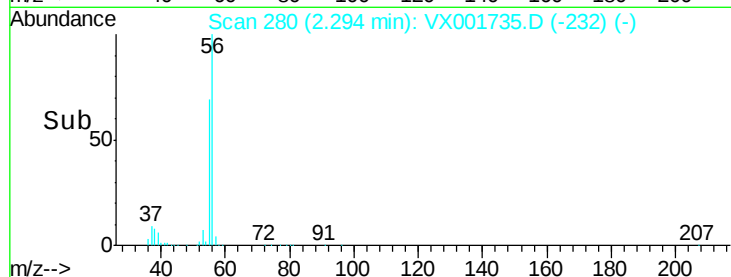
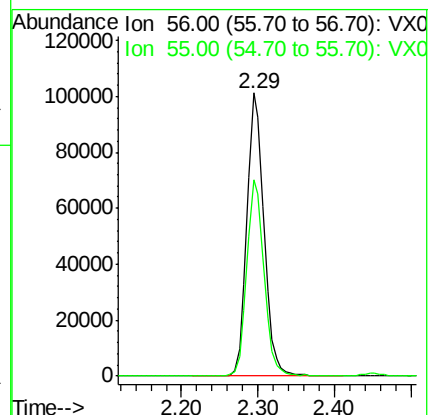
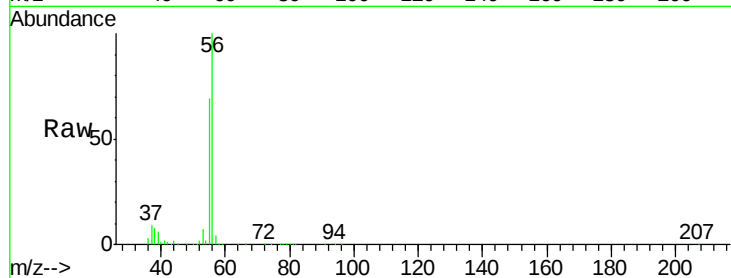
BFB

Tgt Ion: 56 Resp: 157147

Ion Ratio Lower Upper

56 100

55 69.8 56.2 84.2



#14

Allyl chloride

Concen: 51.68 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

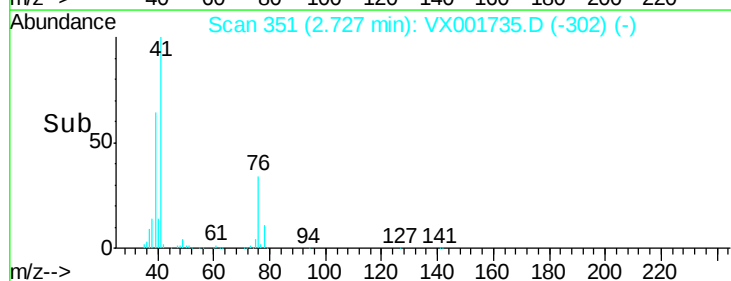
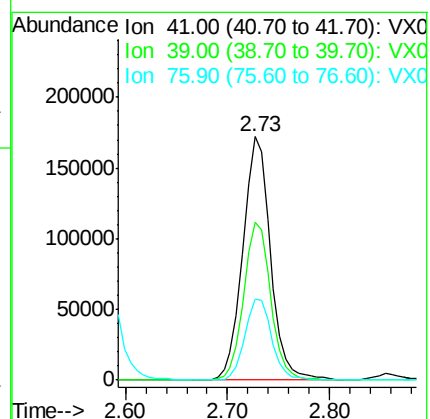
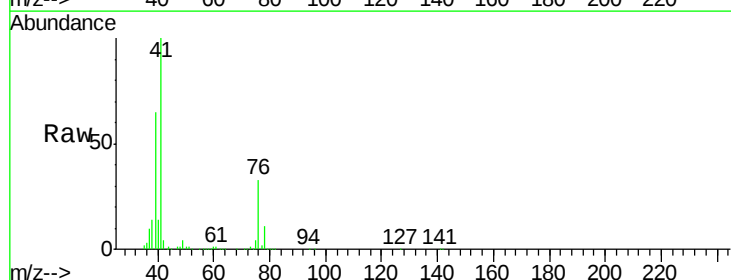
Tgt Ion: 41 Resp: 323383

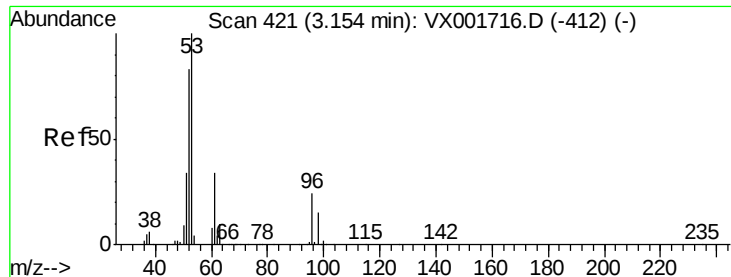
Ion Ratio Lower Upper

41 100

39 63.1 49.8 74.6

76 32.2 25.8 38.8





#15

Acrylonitrile

Concen: 240.51 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

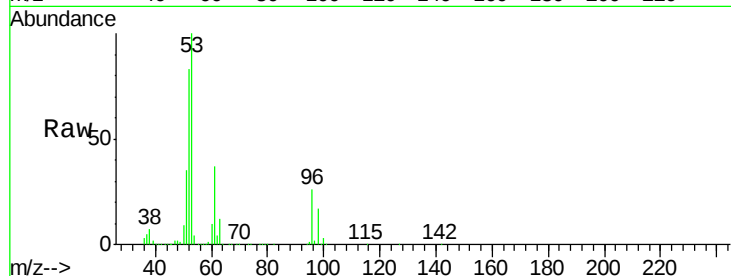
Tgt Ion: 53 Resp: 492341

Ion Ratio Lower Upper

53 100

52 81.9 65.6 98.4

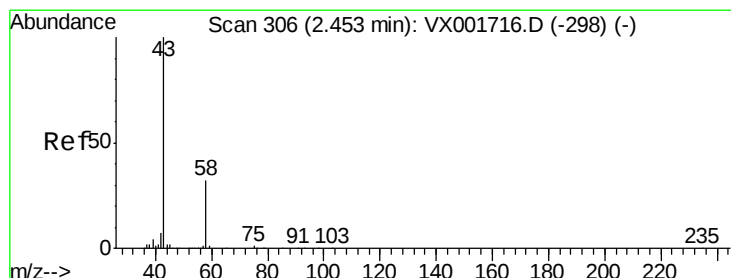
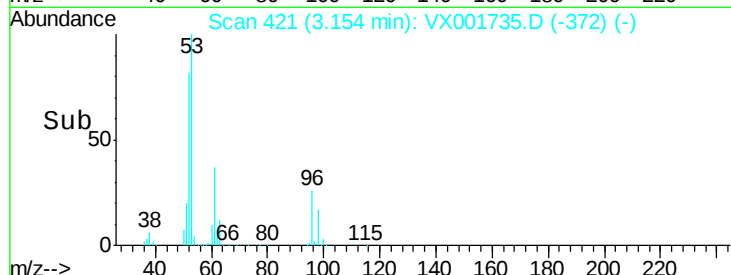
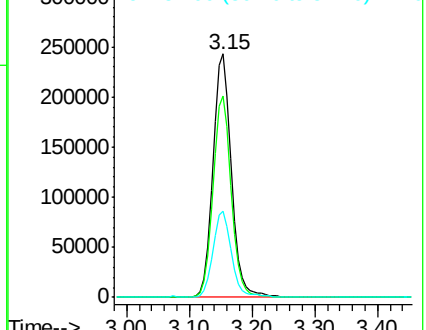
51 35.8 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 274.43 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001735.D

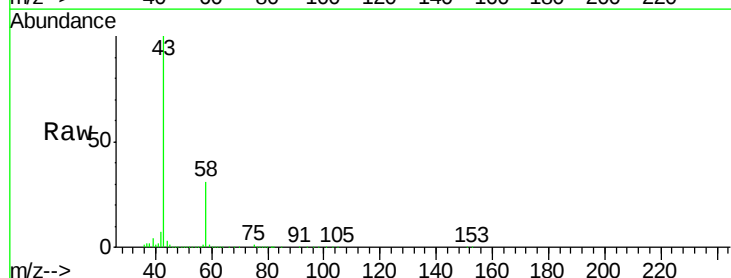
Acq: 15 May 2018 10:12

Tgt Ion: 43 Resp: 494800

Ion Ratio Lower Upper

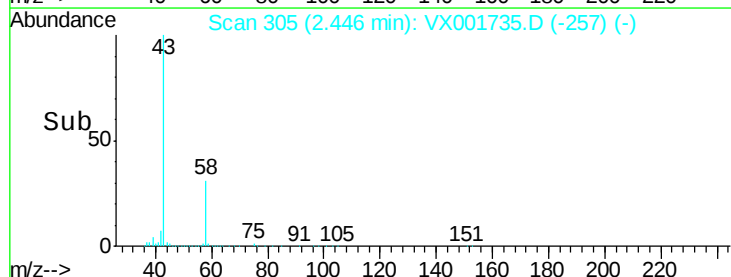
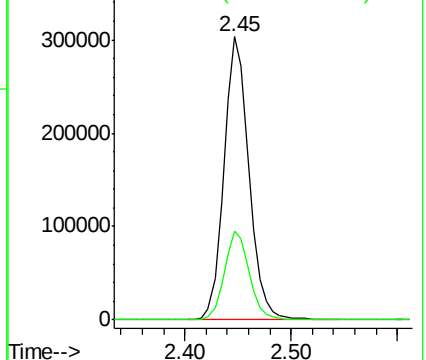
43 100

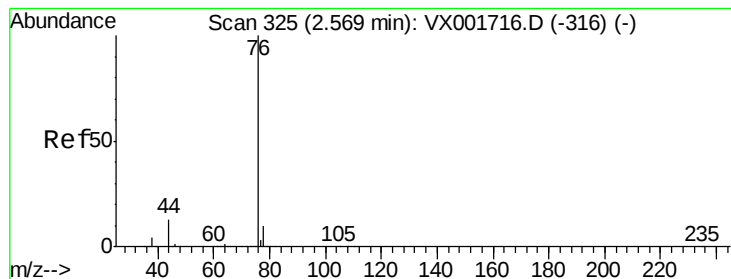
58 31.5 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 51.60 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

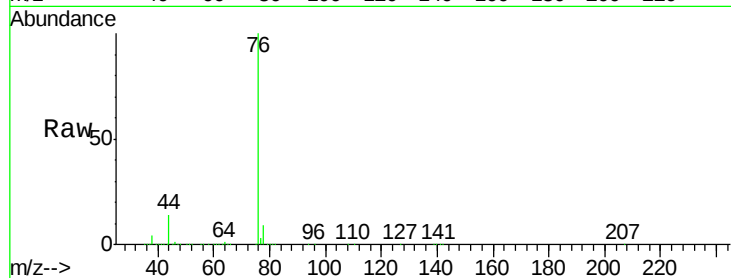
BFB

Tgt Ion: 76 Resp: 455604

Ion Ratio Lower Upper

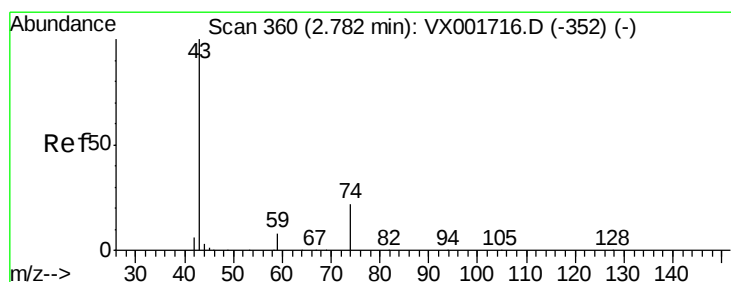
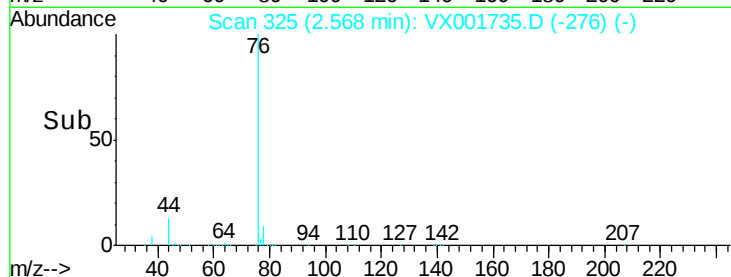
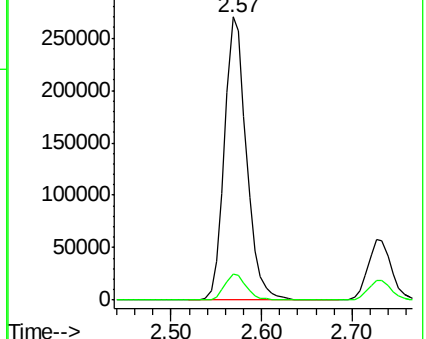
76 100

78 9.1 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.71 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001735.D

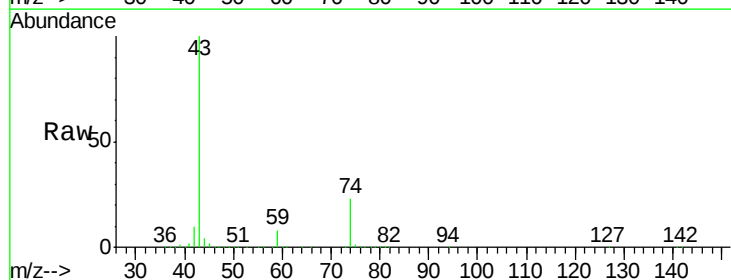
Acq: 15 May 2018 10:12

Tgt Ion: 43 Resp: 262030

Ion Ratio Lower Upper

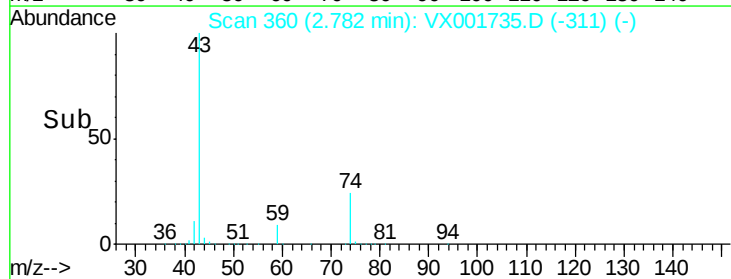
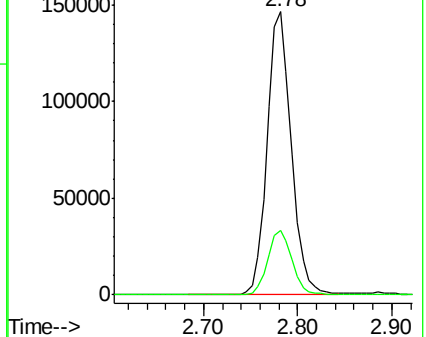
43 100

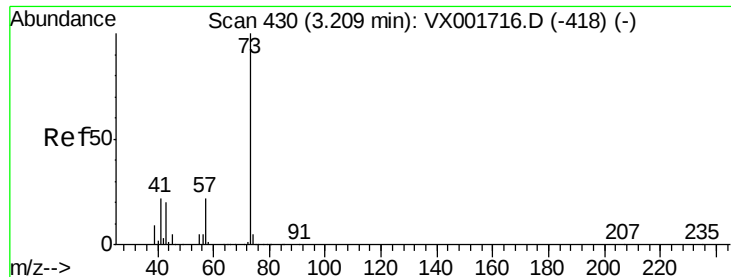
74 23.5 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

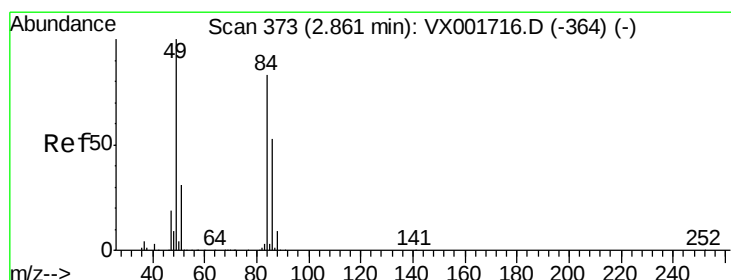
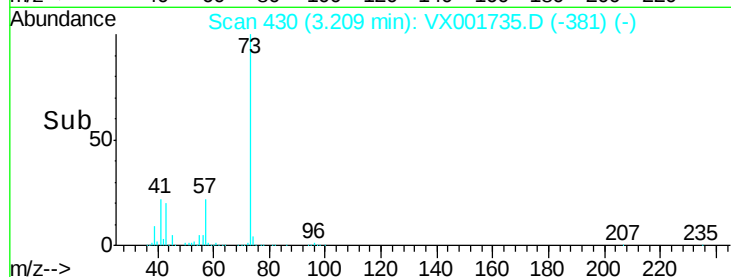
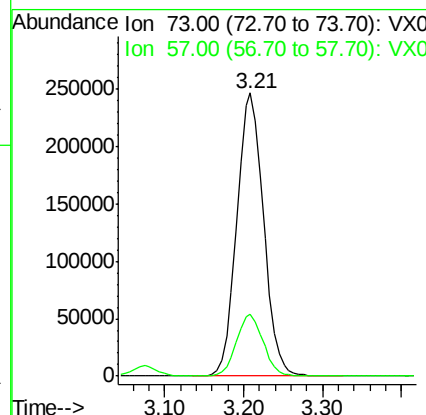
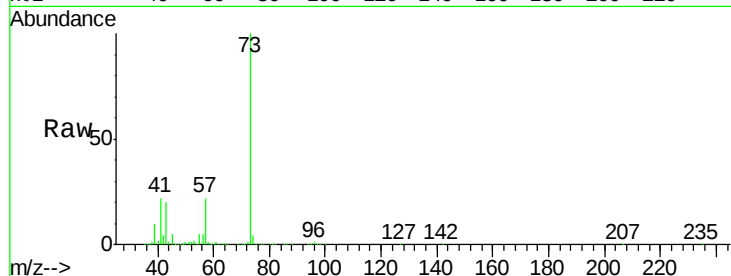




#19
Methyl tert-butyl Ether
Concen: 50.93 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

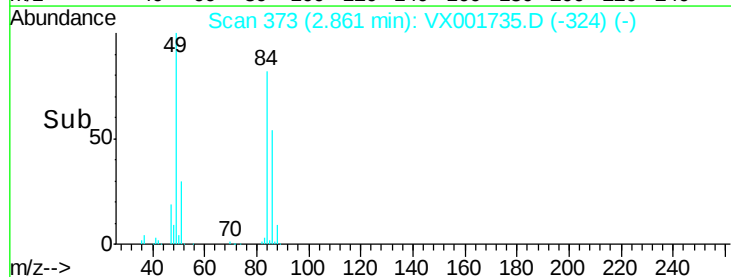
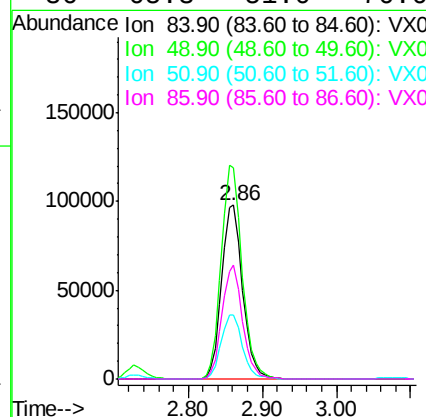
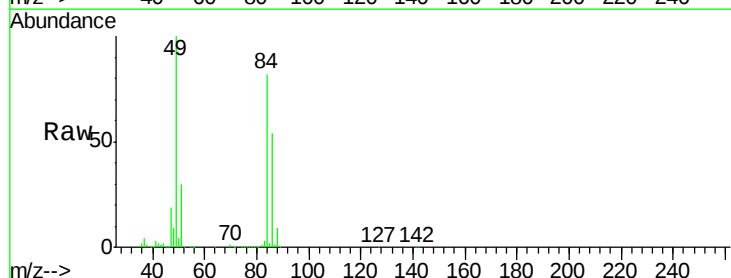
Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion: 73 Resp: 581135
Ion Ratio Lower Upper
73 100
57 21.7 17.5 26.3



#20
Methylene Chloride
Concen: 49.52 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

Tgt Ion: 84 Resp: 191115
Ion Ratio Lower Upper
84 100
49 121.2 96.3 144.5
51 36.4 29.8 44.6
86 65.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 50.54 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

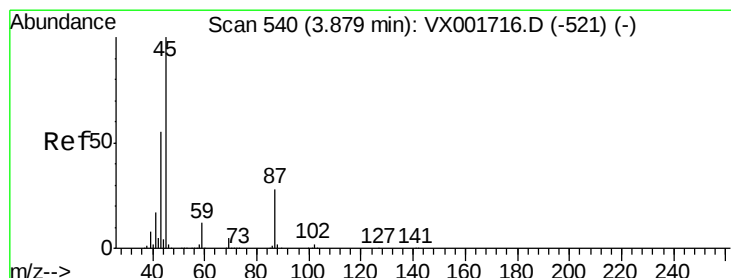
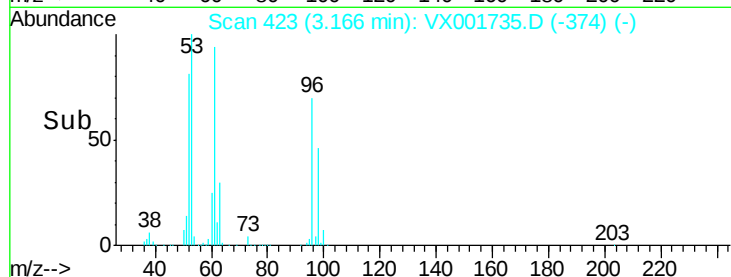
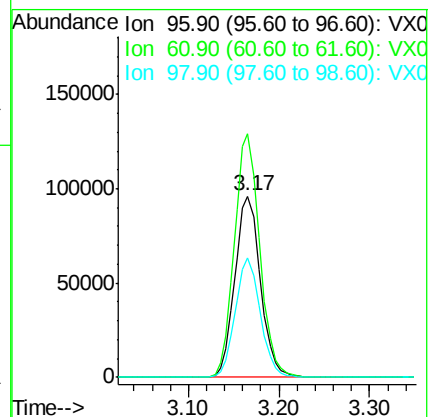
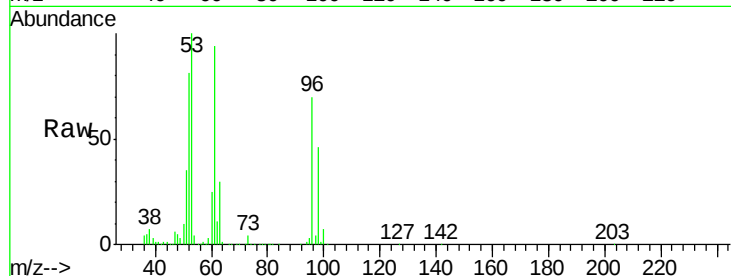
Tgt Ion: 96 Resp: 188469

Ion Ratio Lower Upper

96 100

61 134.3 105.8 158.8

98 65.7 50.2 75.4



#22

Diisopropyl ether

Concen: 50.80 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Tgt Ion: 45 Resp: 609710

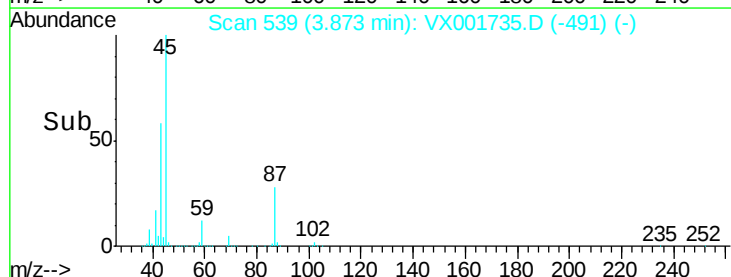
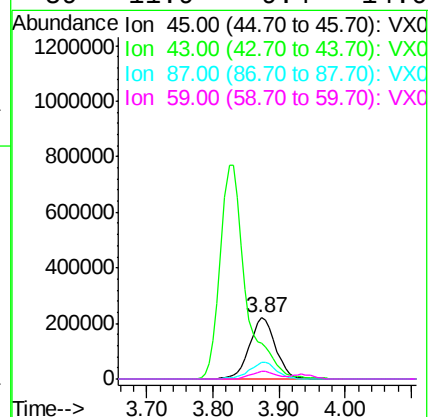
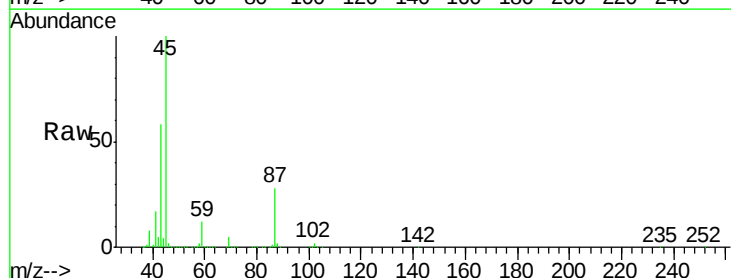
Ion Ratio Lower Upper

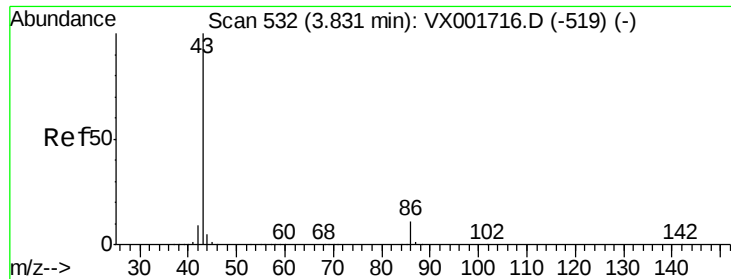
45 100

43 58.2 44.3 66.5

87 27.8 22.6 33.8

59 11.9 9.4 14.0





#23

Vinyl Acetate

Concen: 240.71 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

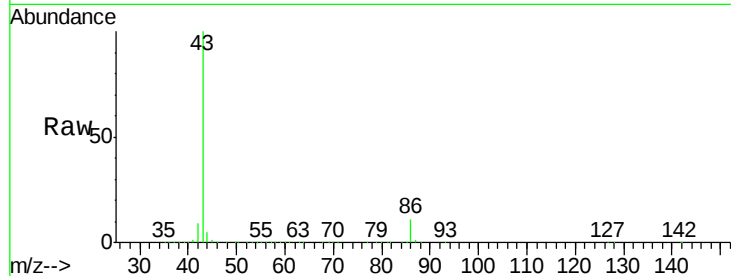
BFB

Tgt Ion: 43 Resp: 2081726

Ion Ratio Lower Upper

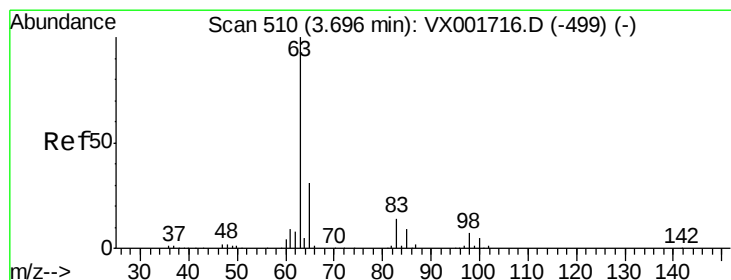
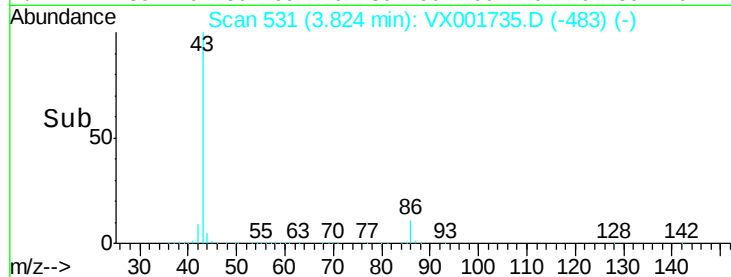
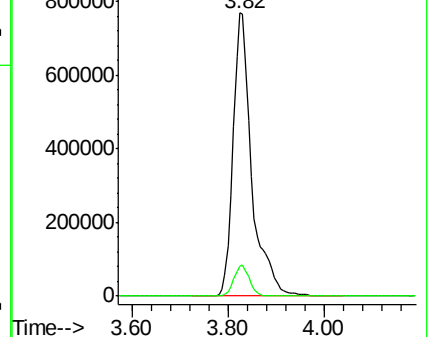
43 100

86 10.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.28 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

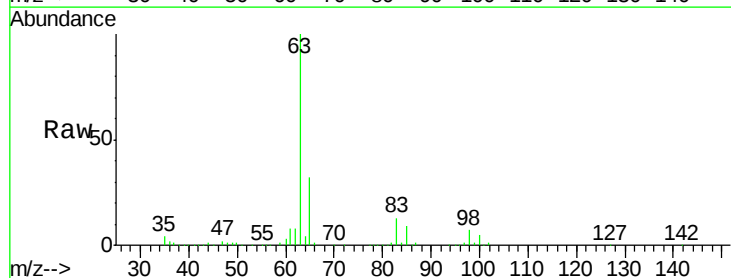
Tgt Ion: 63 Resp: 337595

Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

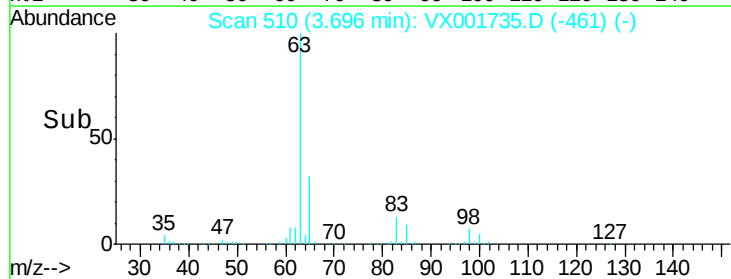
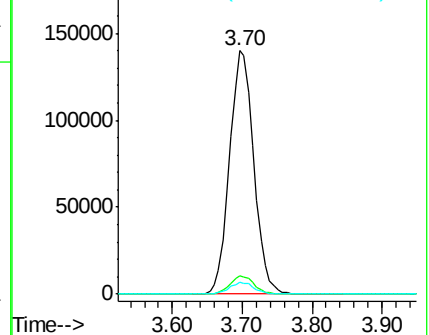
100 4.8 2.4 7.2

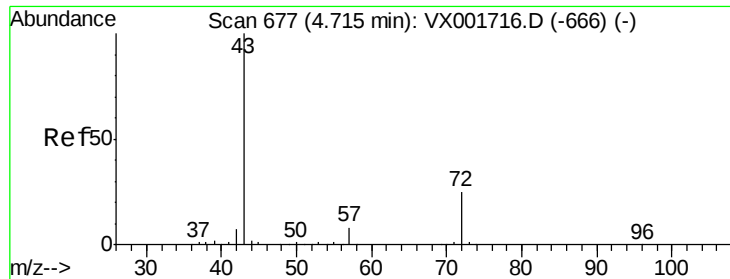


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 255.77 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

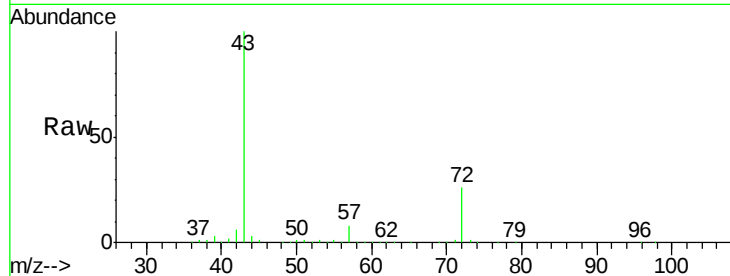
BFB

Tgt Ion: 43 Resp: 706037

Ion Ratio Lower Upper

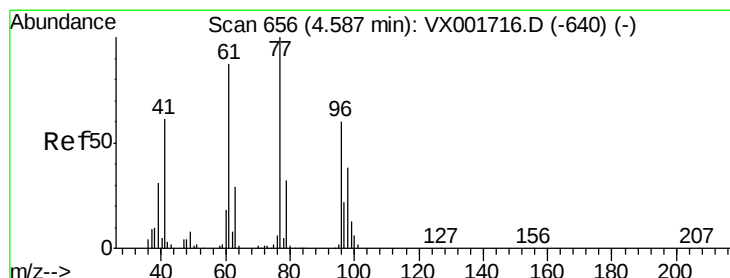
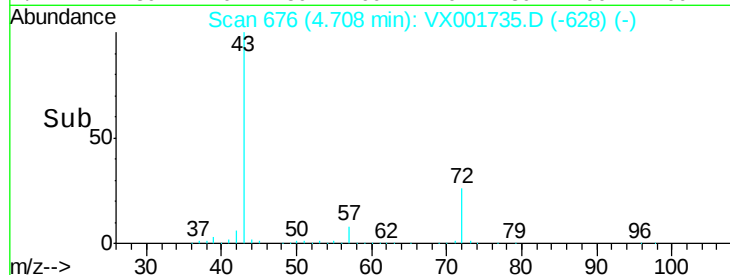
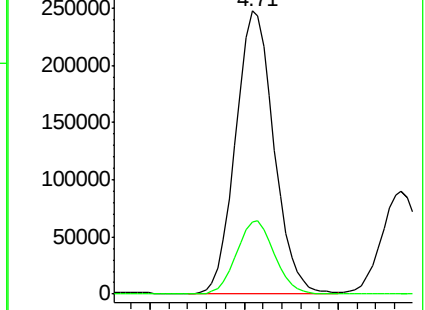
43 100

72 25.6 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 54.24 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001735.D

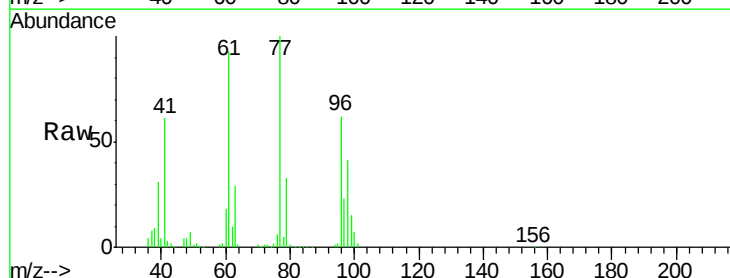
Acq: 15 May 2018 10:12

Tgt Ion: 77 Resp: 287430

Ion Ratio Lower Upper

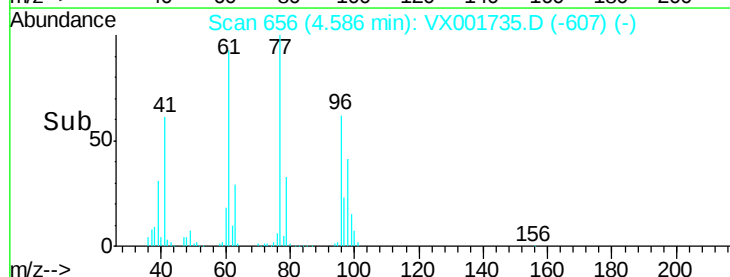
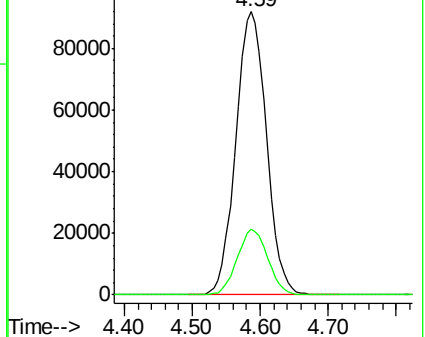
77 100

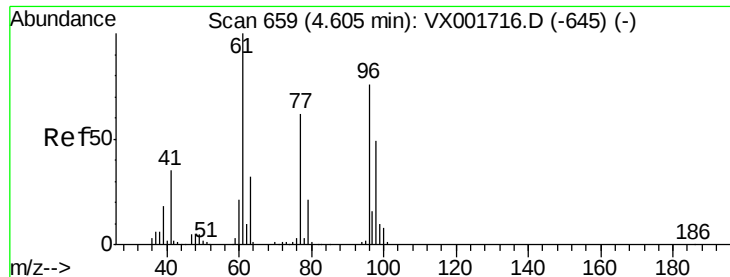
97 23.2 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



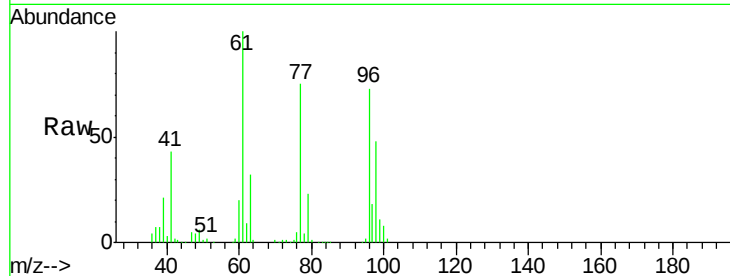


#27

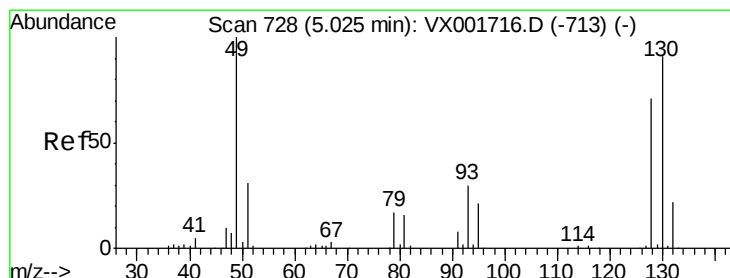
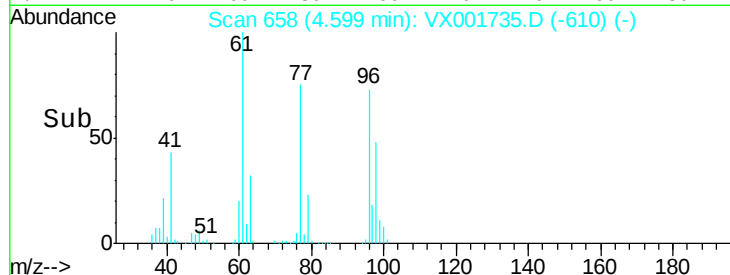
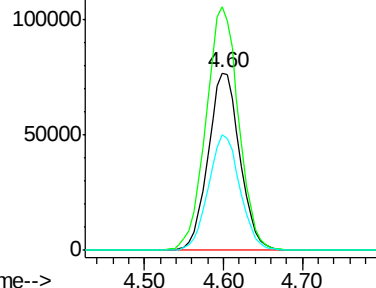
cis-1,2-Dichloroethene
Concen: 50.60 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion: 96 Resp: 214704
Ion Ratio Lower Upper
96 100
61 141.6 0.0 280.4
98 65.2 0.0 128.4



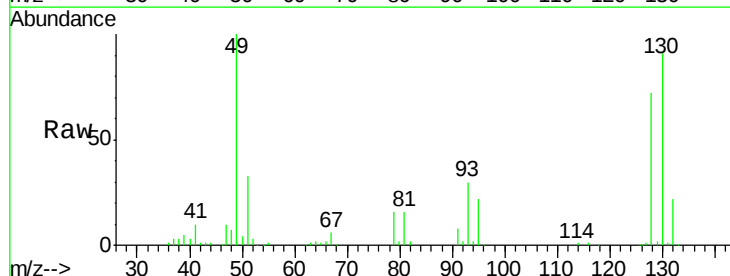
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



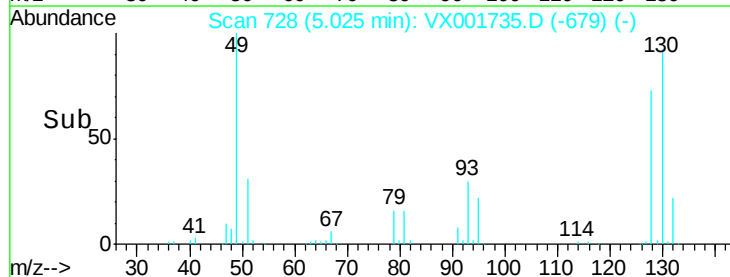
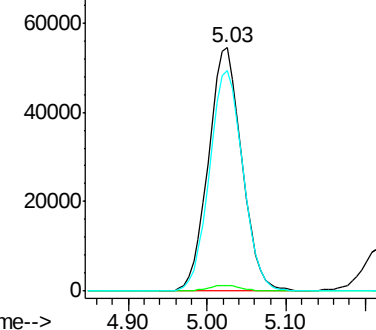
#28

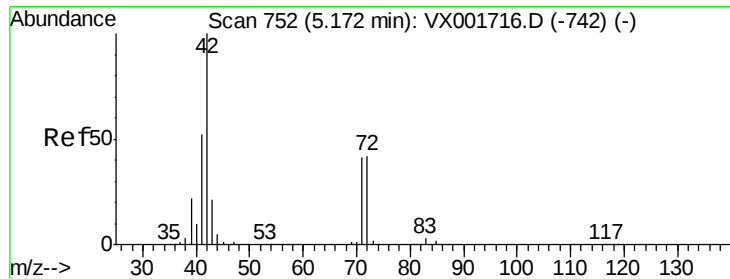
Bromochloromethane
Concen: 55.04 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

Tgt Ion: 49 Resp: 160930
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.0
130 90.6 71.8 107.6



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: 242.97 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

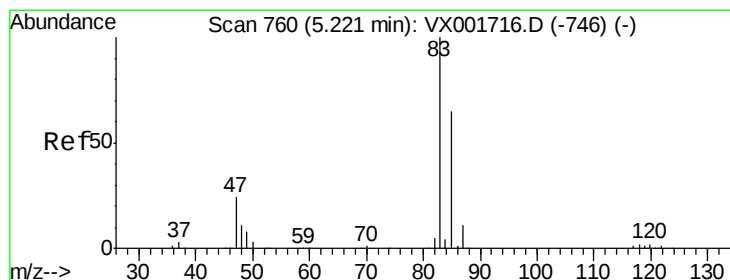
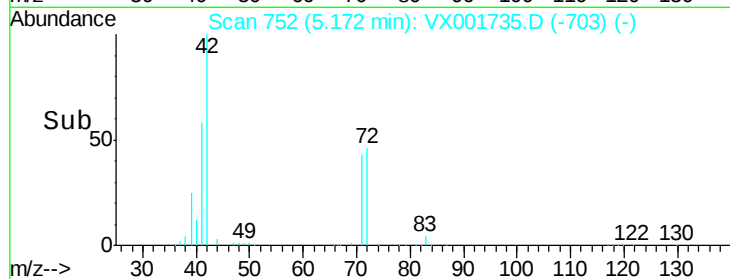
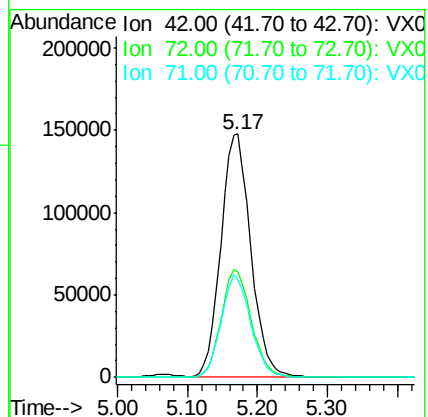
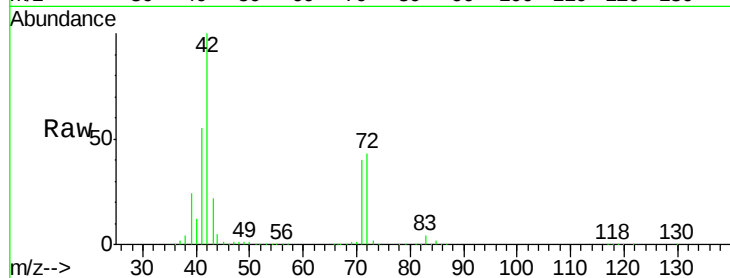
Tgt Ion: 42 Resp: 437193

Ion Ratio Lower Upper

42 100

72 44.7 35.4 53.2

71 41.6 33.2 49.8



#30

Chloroform

Concen: 51.18 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001735.D

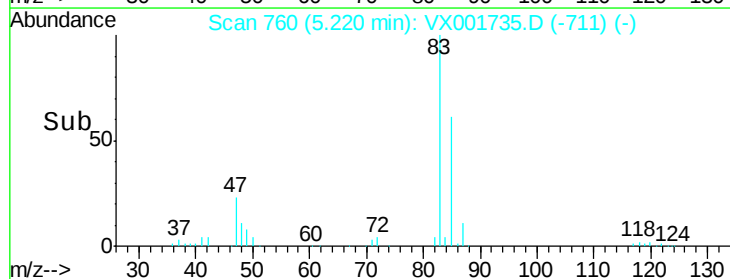
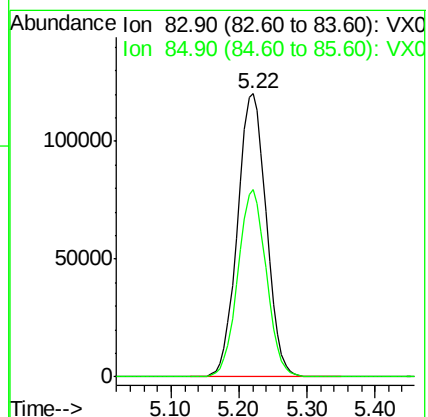
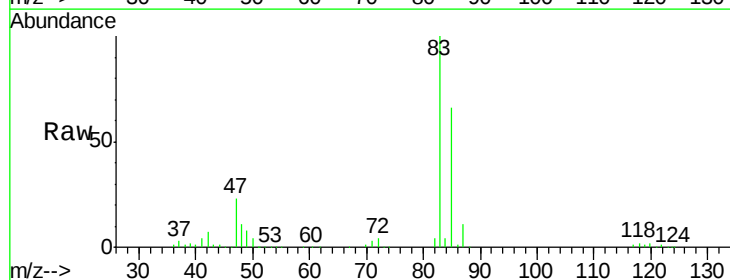
Acq: 15 May 2018 10:12

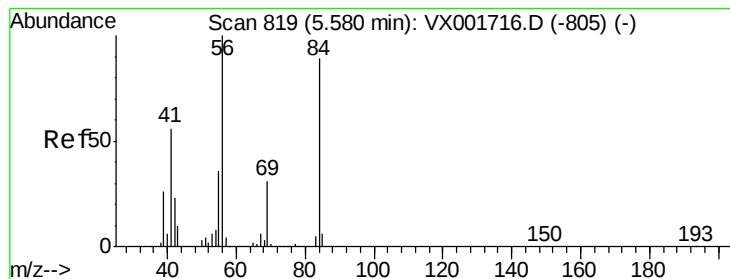
Tgt Ion: 83 Resp: 353897

Ion Ratio Lower Upper

83 100

85 66.2 52.3 78.5





#31

Cyclohexane

Concen: 55.47 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

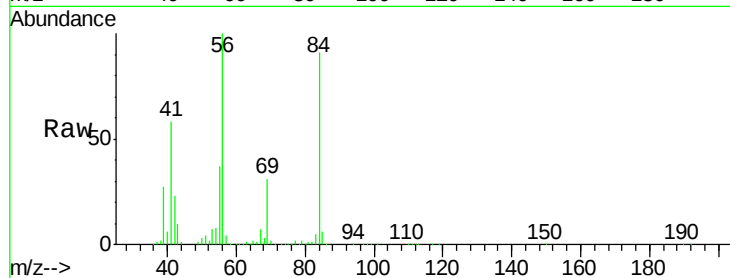
Tgt Ion: 56 Resp: 320044

Ion Ratio Lower Upper

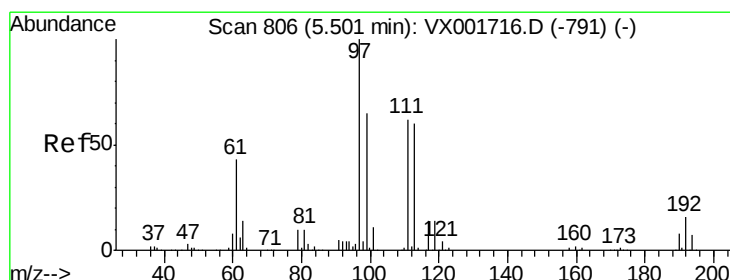
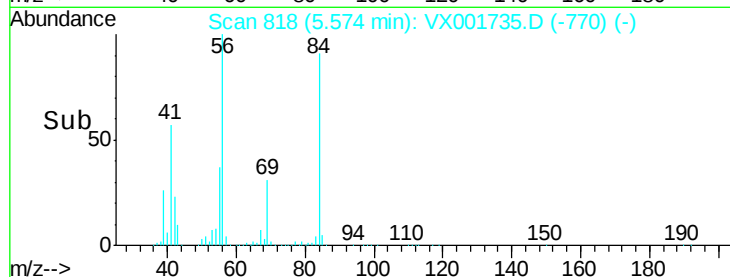
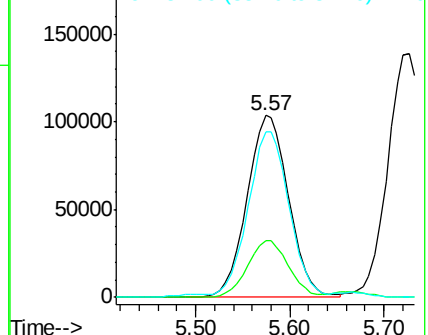
56 100

69 31.2 25.0 37.6

84 89.8 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 53.21 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

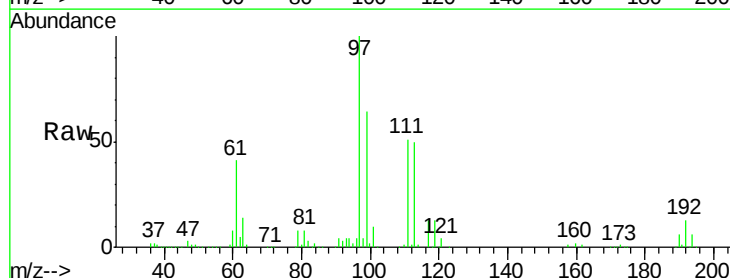
Tgt Ion: 97 Resp: 317964

Ion Ratio Lower Upper

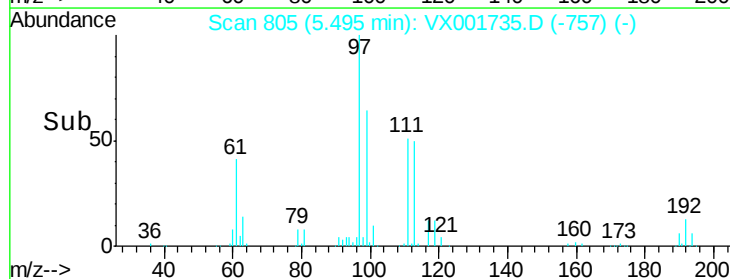
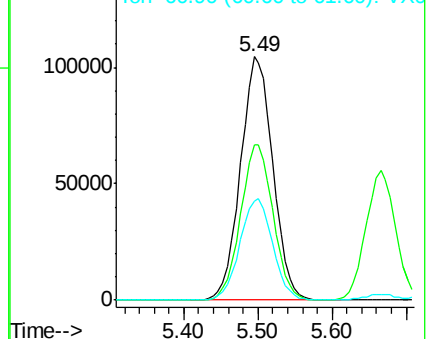
97 100

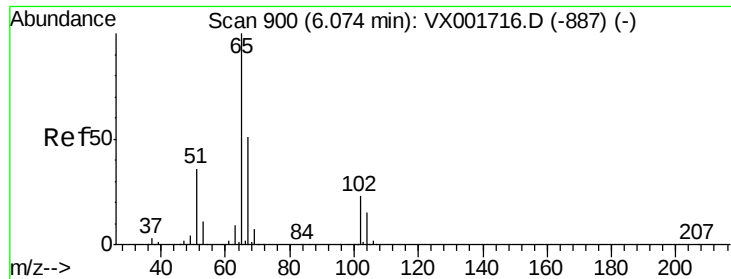
99 64.3 51.3 76.9

61 42.4 34.0 51.0



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

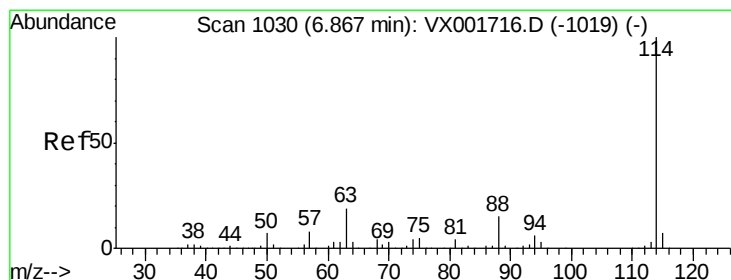
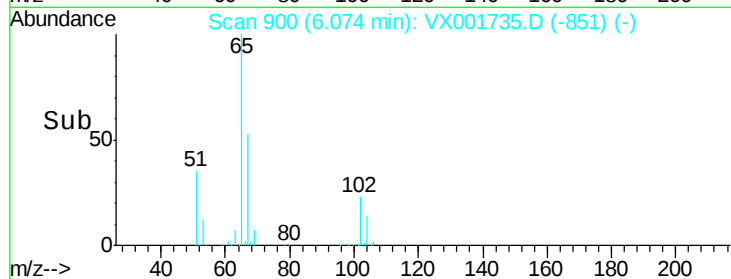
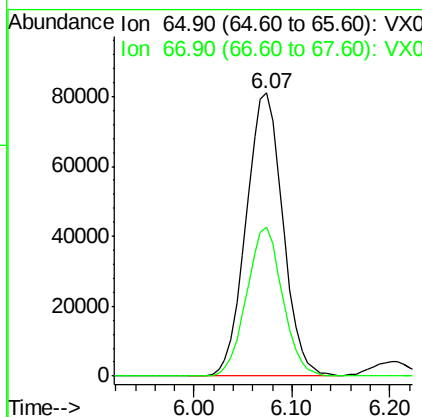
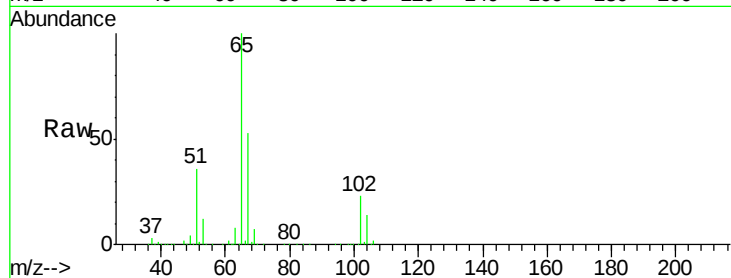




#33
 1,2-Dichloroethane-d4
 Concen: 46.19 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

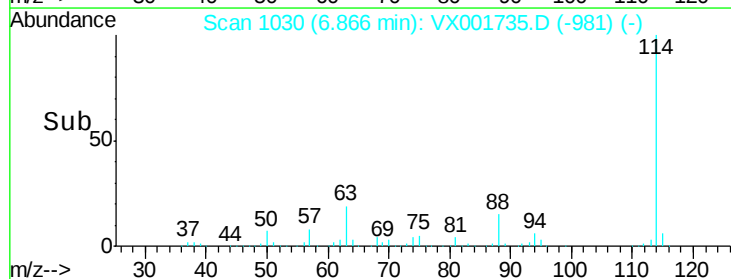
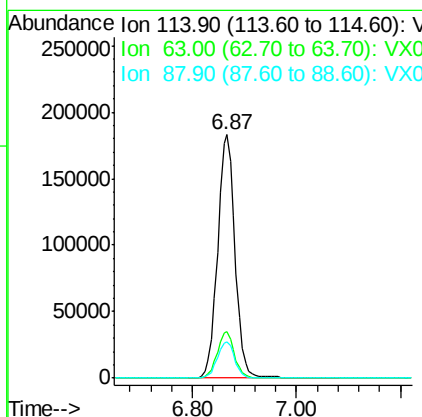
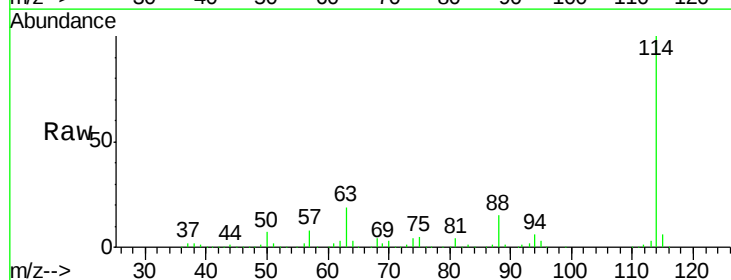
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

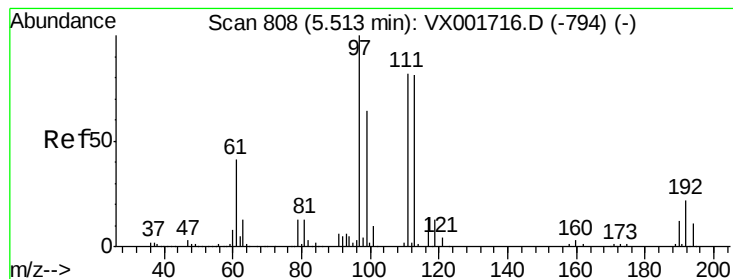
Tgt Ion: 65 Resp: 212050
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

Tgt Ion: 114 Resp: 429533
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.0
 88 14.8 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.70 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

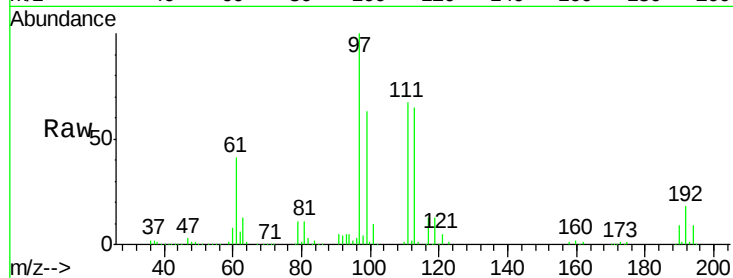
Tgt Ion:113 Resp: 180171

Ion Ratio Lower Upper

113 100

111 101.7 82.0 123.0

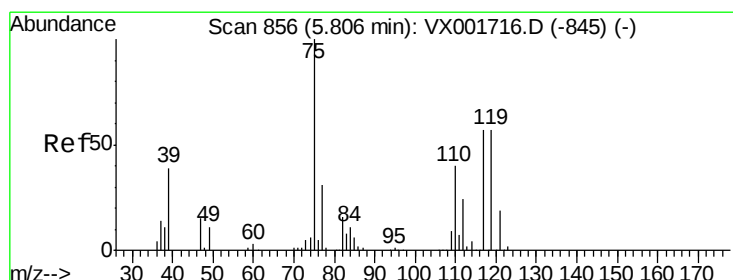
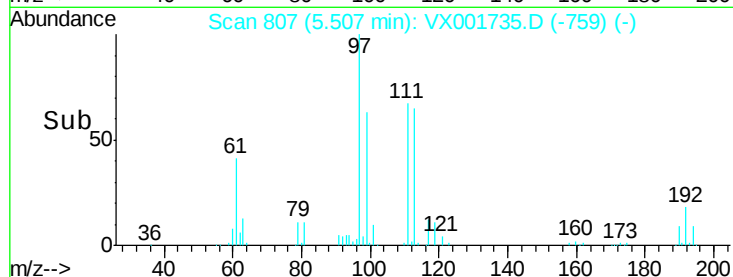
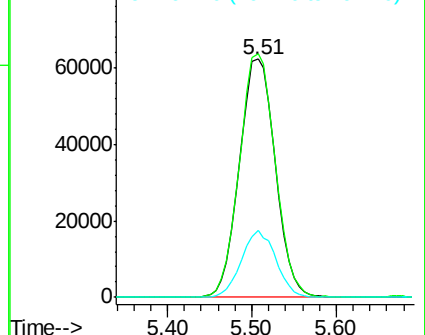
192 27.0 21.6 32.4



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: 55.51 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

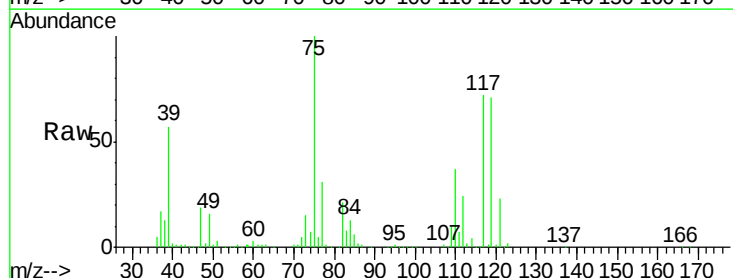
Tgt Ion: 75 Resp: 274504

Ion Ratio Lower Upper

75 100

110 38.1 19.1 57.1

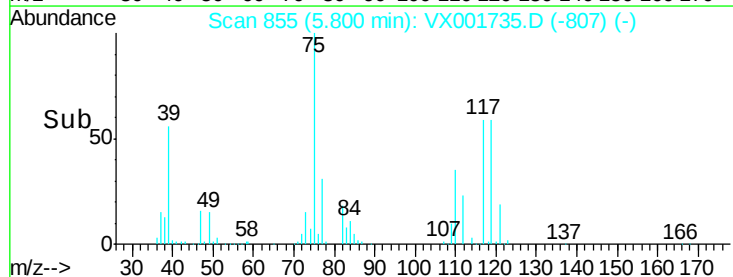
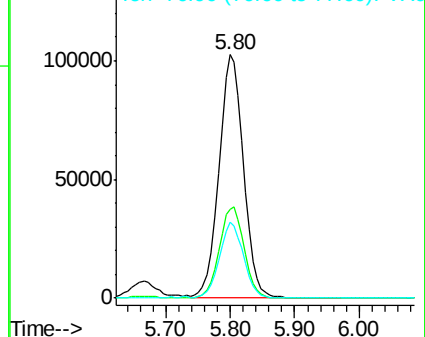
77 30.5 24.6 37.0

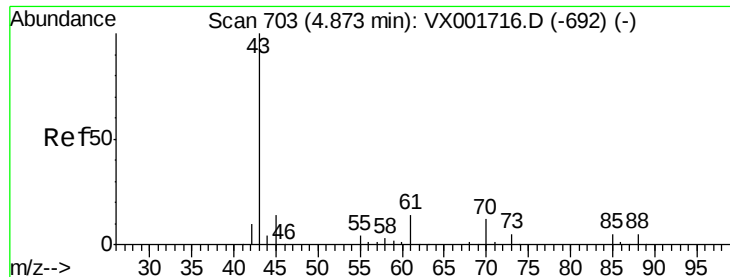


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.55 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

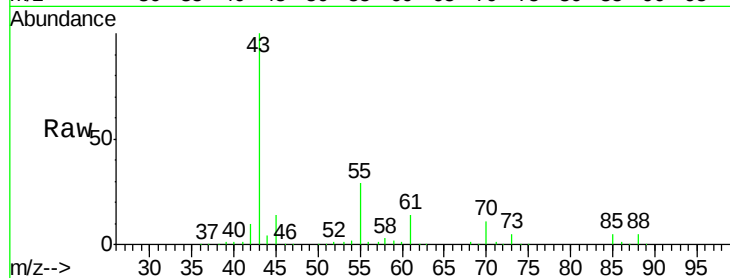
Tgt Ion: 43 Resp: 265618

Ion Ratio Lower Upper

43 100

61 13.7 10.9 16.3

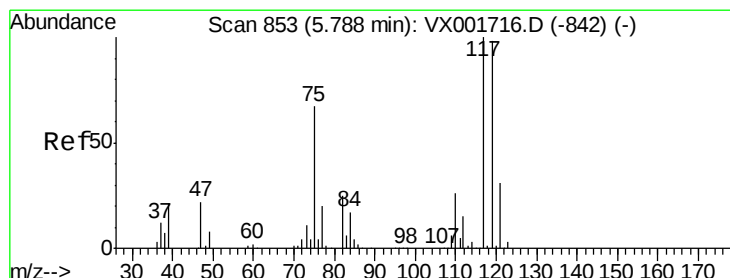
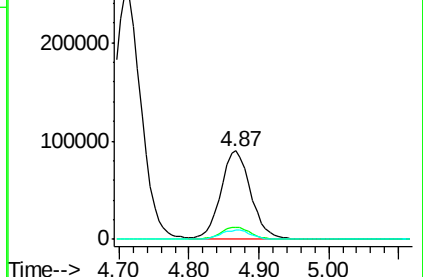
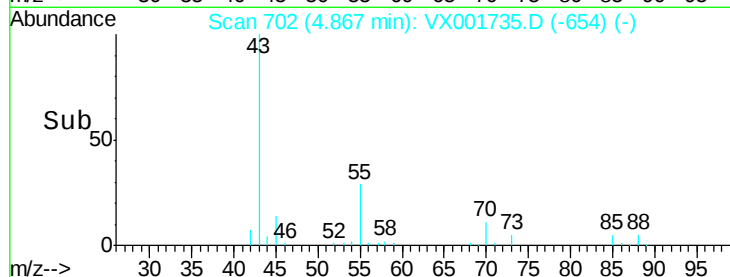
70 10.8 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VX001735.D (-654) (-)

Ion 60.90 (60.60 to 61.60): VX001735.D (-654) (-)

Ion 70.00 (69.70 to 70.70): VX001735.D (-654) (-)



#38

Carbon Tetrachloride

Concen: 56.52 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

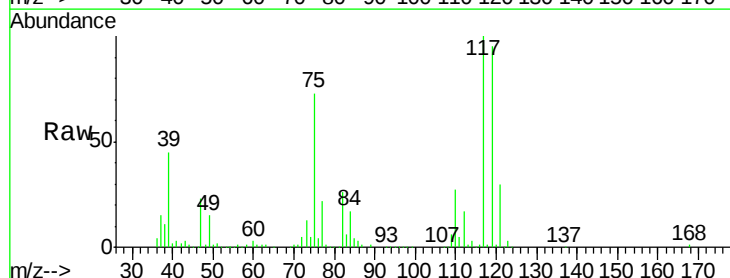
Tgt Ion: 117 Resp: 292766

Ion Ratio Lower Upper

117 100

119 95.4 77.6 116.4

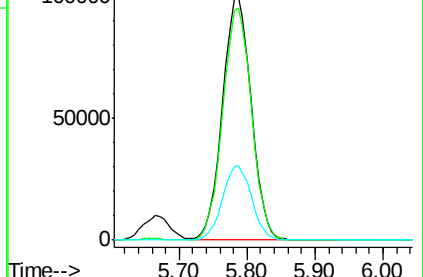
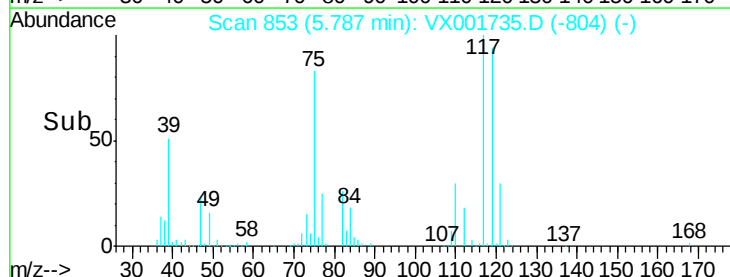
121 30.5 24.6 36.8

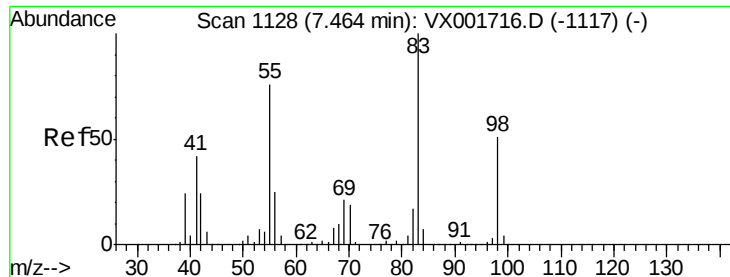


Abundance Ion 116.80 (116.50 to 117.50): VX001735.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX001735.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX001735.D (-804) (-)

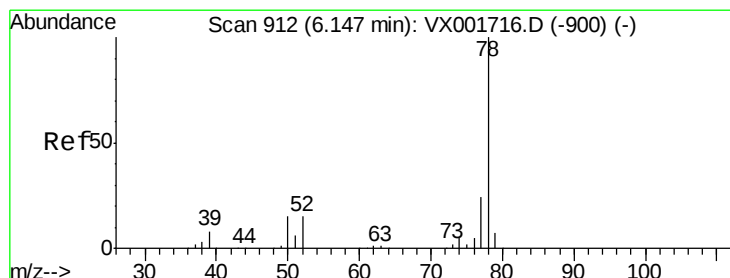
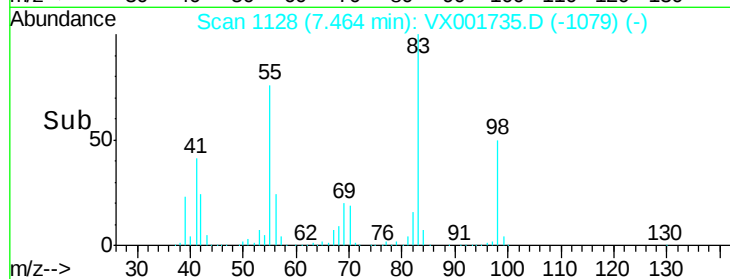
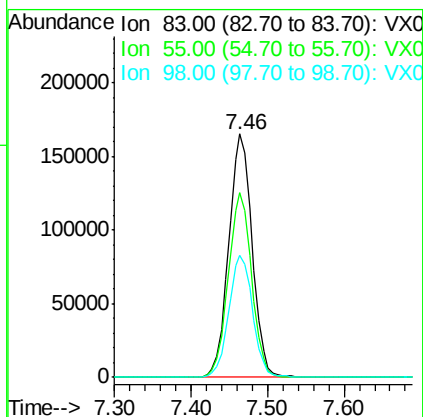
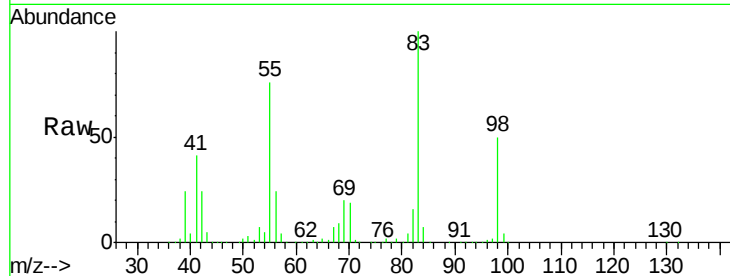




#39
Methylcyclohexane
Concen: 60.48 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

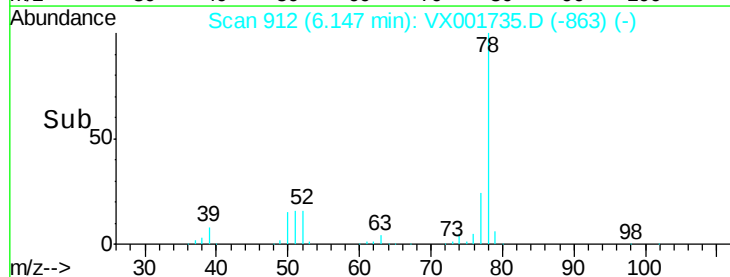
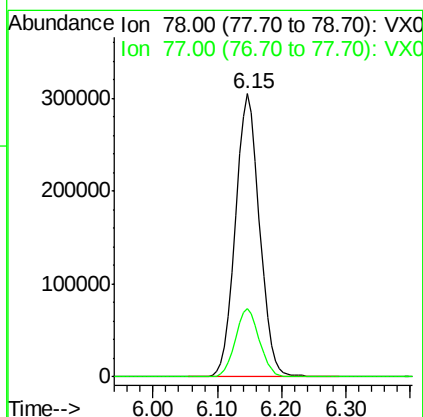
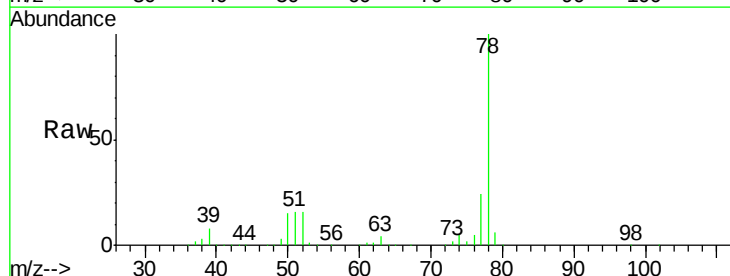
Instrument :
MSVOA_X
ClientSampleId :
BFB

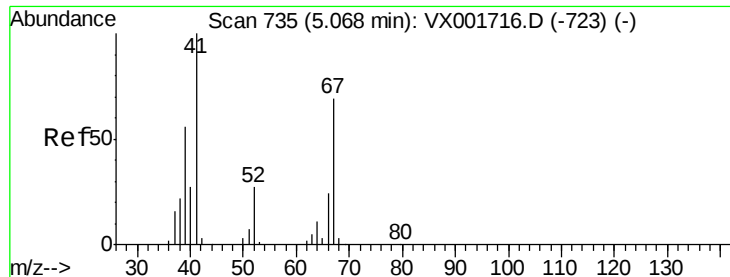
Tgt Ion: 83 Resp: 349407
Ion Ratio Lower Upper
83 100
55 75.7 60.6 90.8
98 50.0 40.4 60.6



#40
Benzene
Concen: 54.59 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

Tgt Ion: 78 Resp: 795251
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4

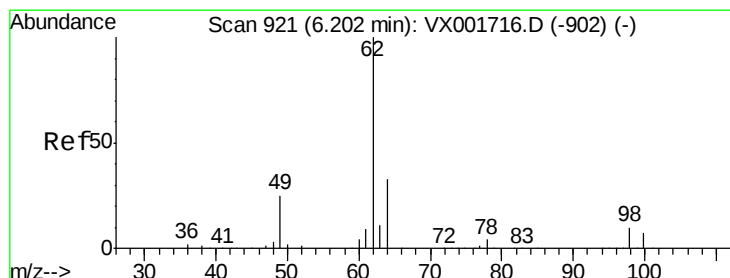
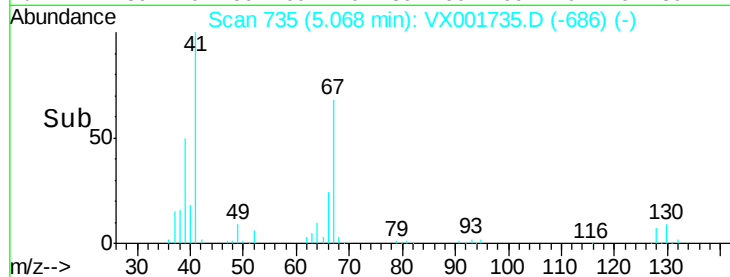
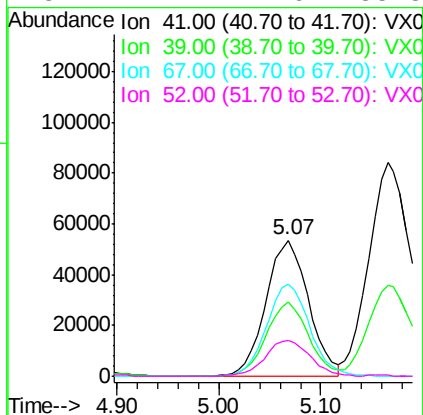
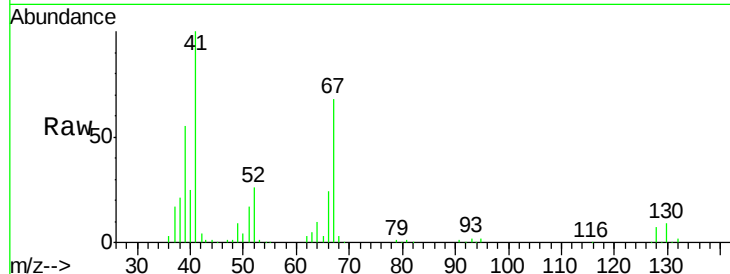




#41
Methacrylonitrile
Concen: 52.02 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

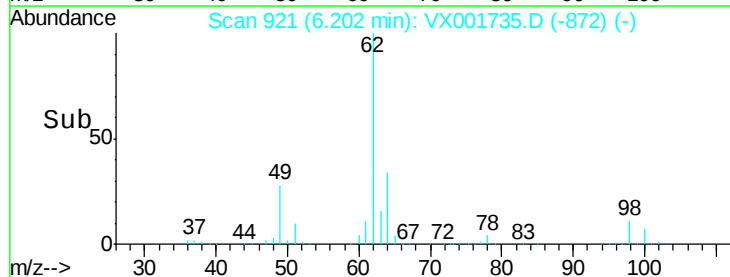
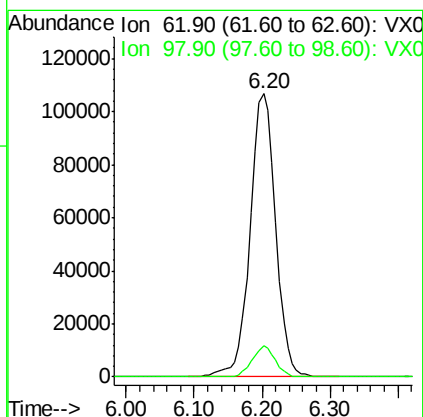
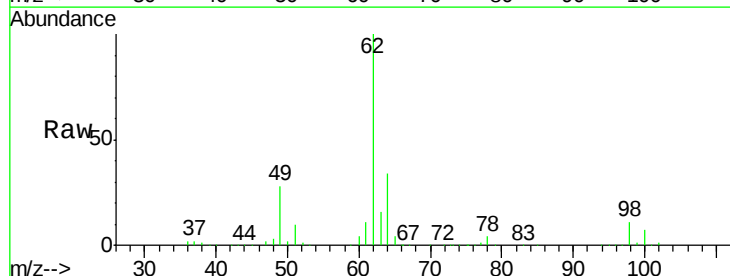
Instrument :
MSVOA_X
ClientSampled :
BFB

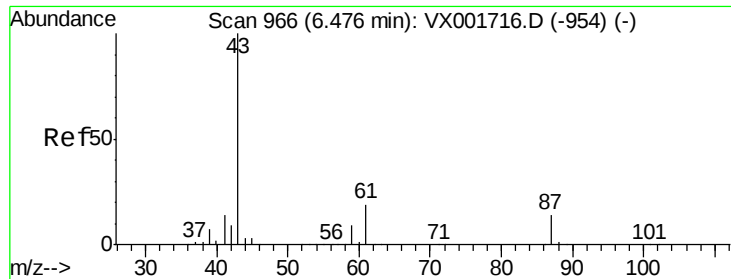
Tgt Ion:	41	Resp:	155027
Ion	Ratio	Lower	Upper
41	100		
39	53.9	44.2	66.4
67	68.9	56.0	84.0
52	27.7	22.6	33.8



#42
1,2-Dichloroethane
Concen: 53.07 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

Tgt Ion:	62	Resp:	279622
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0

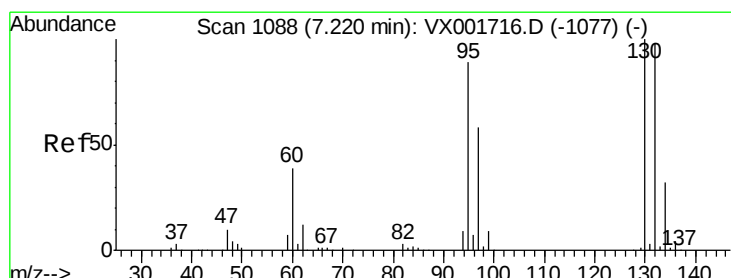
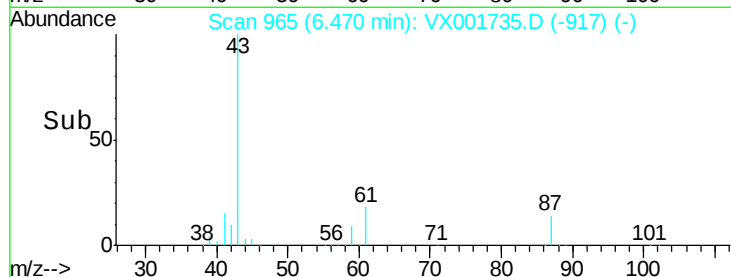
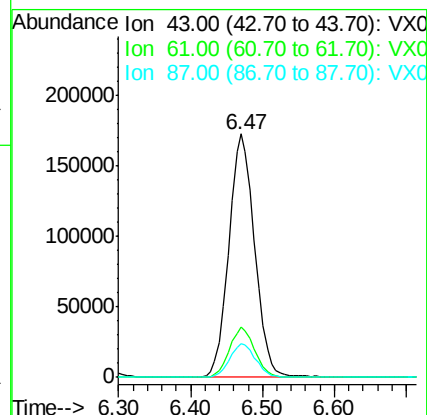
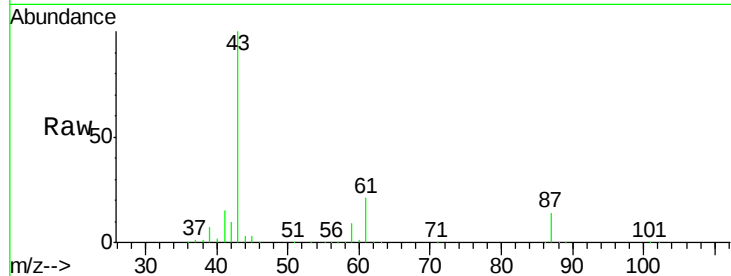




#43
Isopropyl Acetate
Concen: 53.22 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

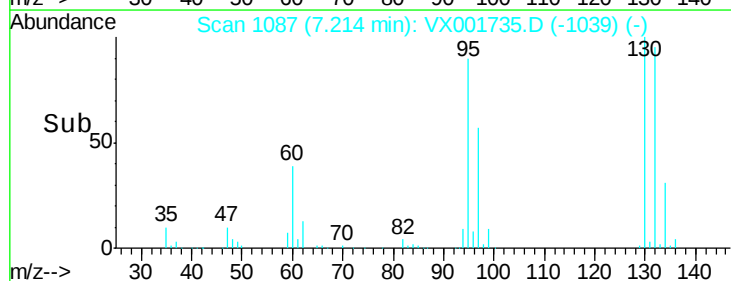
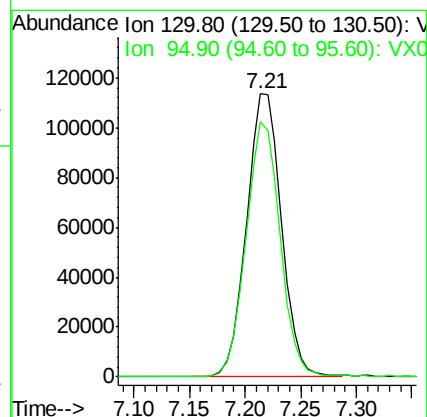
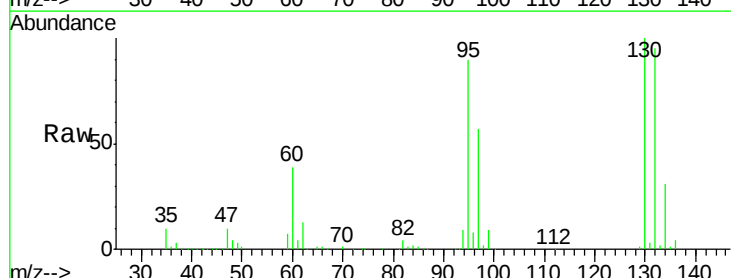
Instrument :
MSVOA_X
ClientSampleId :
BFB

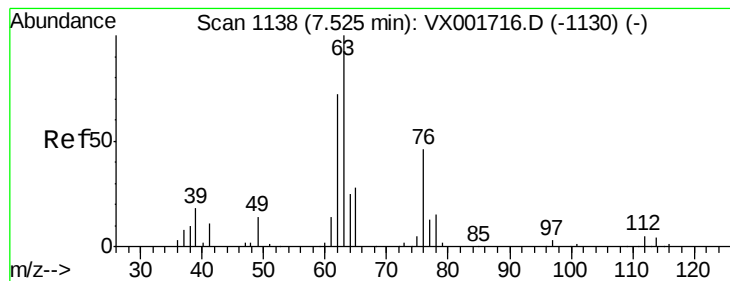
Tgt Ion: 43 Resp: 429248
Ion Ratio Lower Upper
43 100
61 20.1 15.8 23.8
87 13.6 11.0 16.4



#44
Trichloroethene
Concen: 54.86 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

Tgt Ion: 130 Resp: 248059
Ion Ratio Lower Upper
130 100
95 90.3 0.0 177.2





#45

1,2-Dichloropropane

Concen: 54.91 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

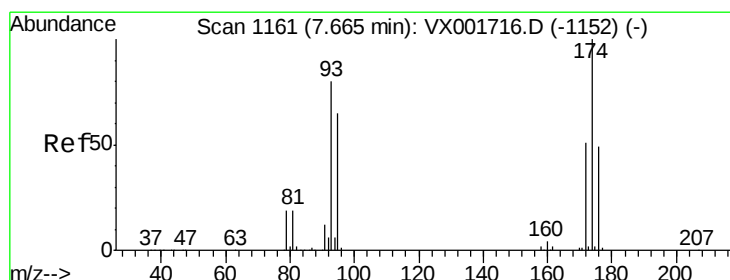
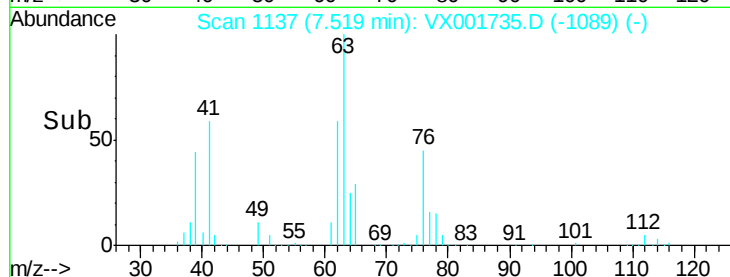
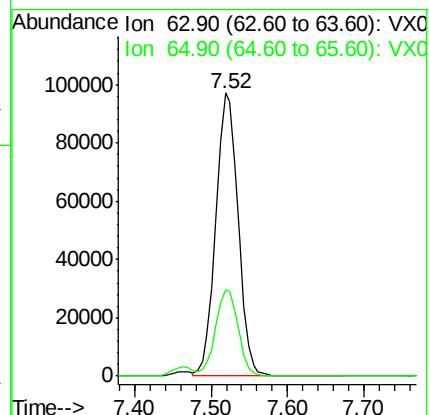
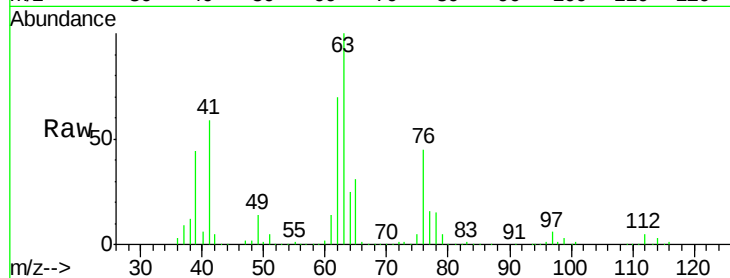
BFB

Tgt Ion: 63 Resp: 196305

Ion Ratio Lower Upper

63 100

65 30.6 24.2 36.2



#46

Dibromomethane

Concen: 53.08 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

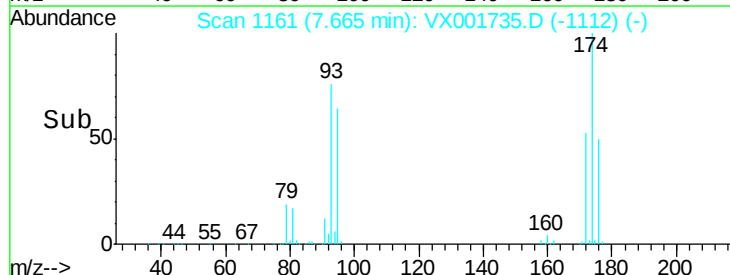
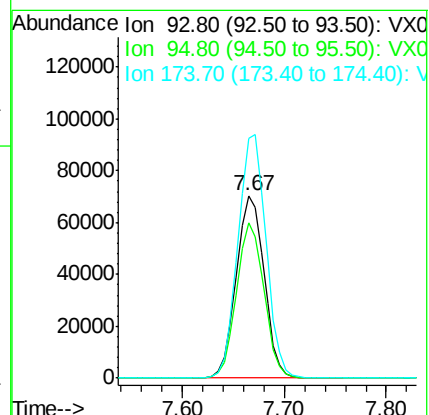
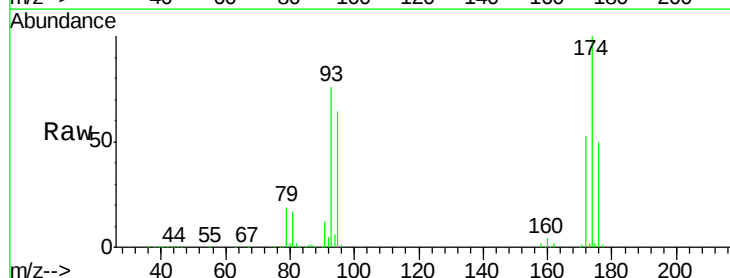
Tgt Ion: 93 Resp: 133237

Ion Ratio Lower Upper

93 100

95 83.7 65.9 98.9

174 134.5 106.2 159.2





#47

Bromodichloromethane

Concen: 57.41 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

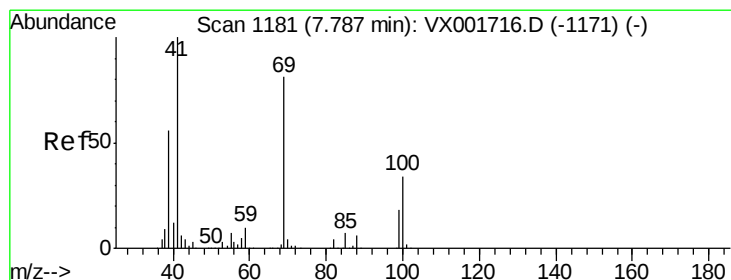
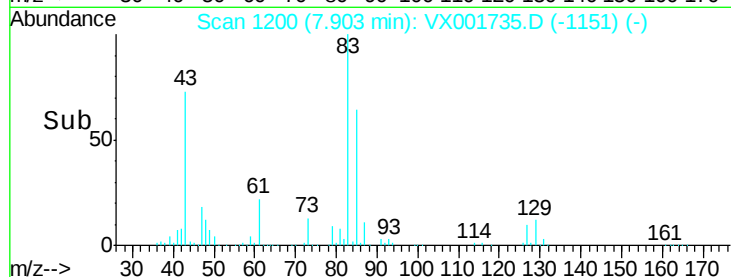
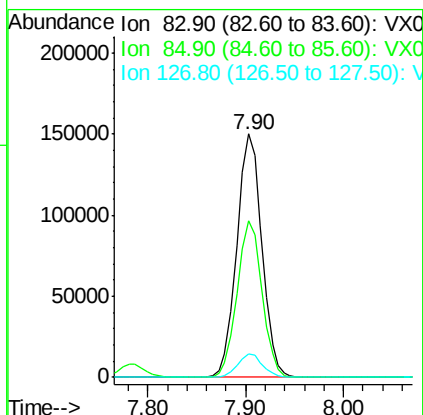
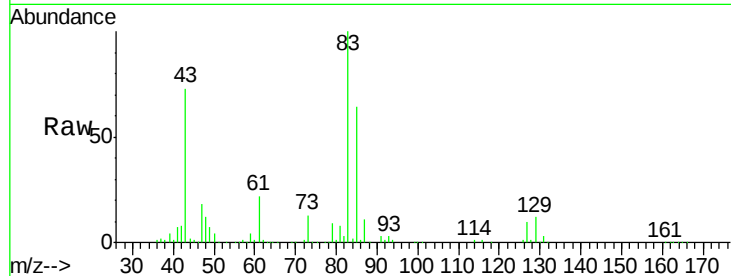
Tgt Ion: 83 Resp: 267416

Ion Ratio Lower Upper

83 100

85 64.3 49.6 74.4

127 9.6 7.5 11.3



#48

Methyl methacrylate

Concen: 54.26 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

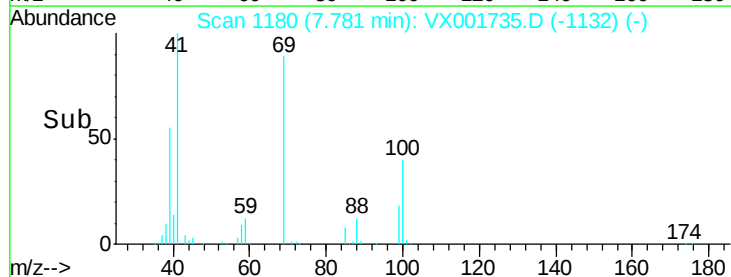
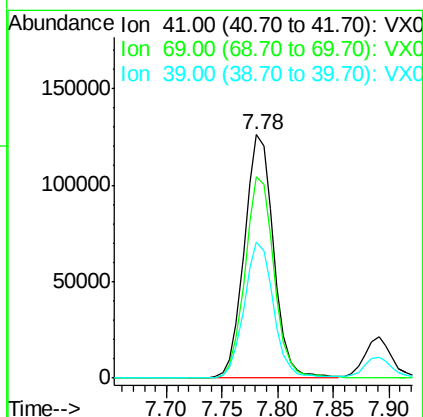
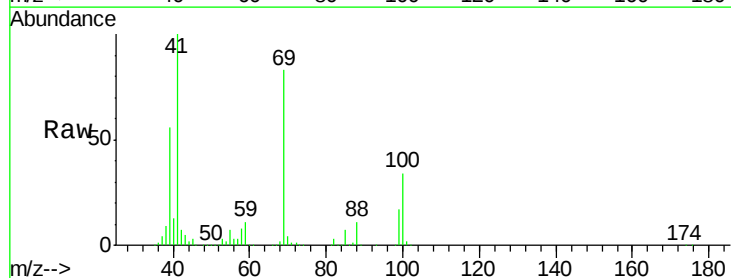
Tgt Ion: 41 Resp: 230351

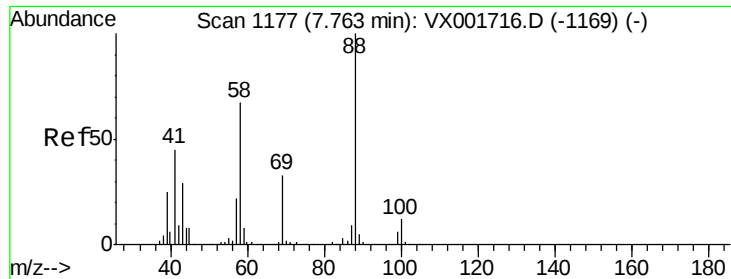
Ion Ratio Lower Upper

41 100

69 82.3 65.2 97.8

39 55.7 44.5 66.7

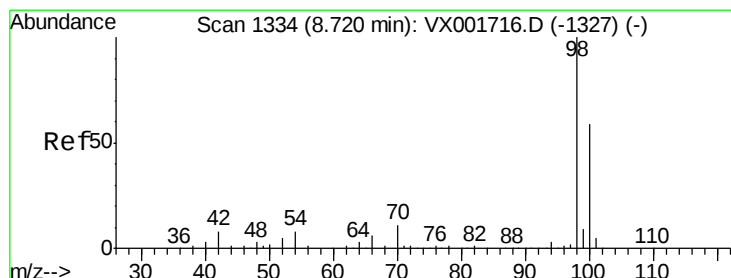
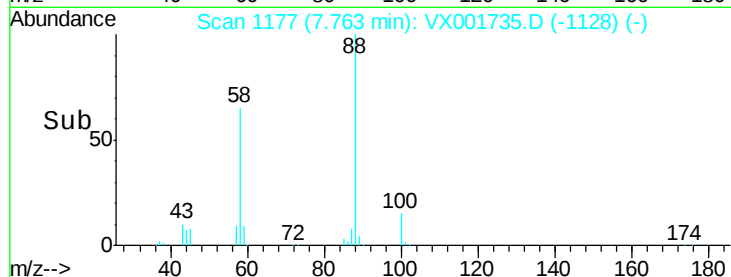
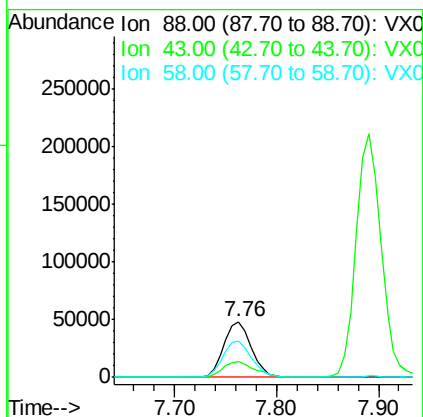
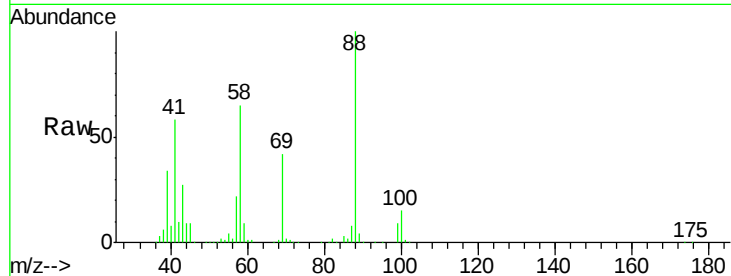




#49
1,4-Dioxane
Concen: 1106.78 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

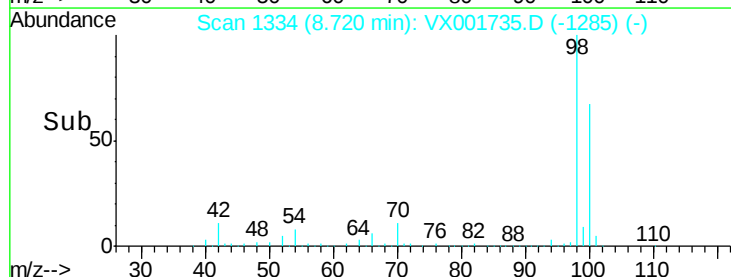
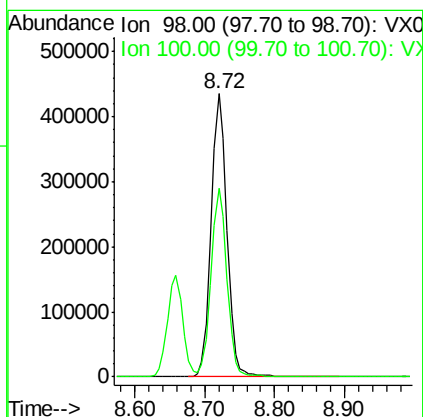
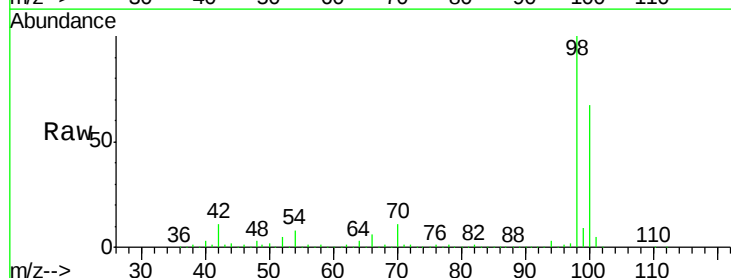
Instrument :
MSVOA_X
ClientSampled :
BFB

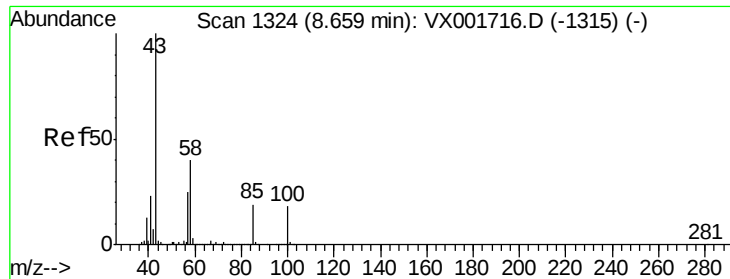
Tgt Ion: 88 Resp: 90465
Ion Ratio Lower Upper
88 100
43 32.2 27.3 40.9
58 68.8 55.9 83.9



#50
Toluene-d8
Concen: 52.80 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

Tgt Ion: 98 Resp: 685457
Ion Ratio Lower Upper
98 100
100 67.1 54.0 81.0

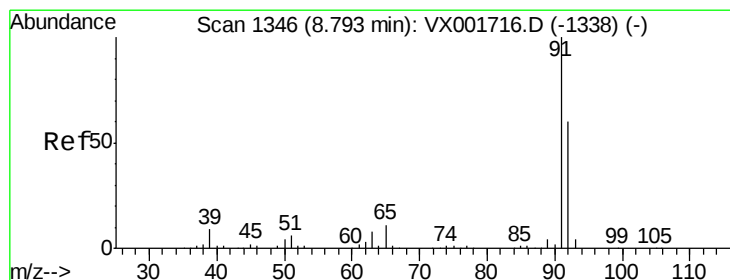
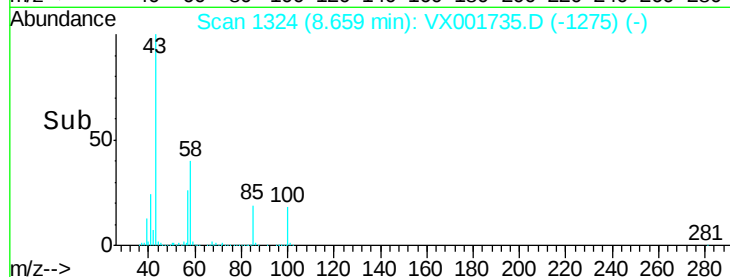
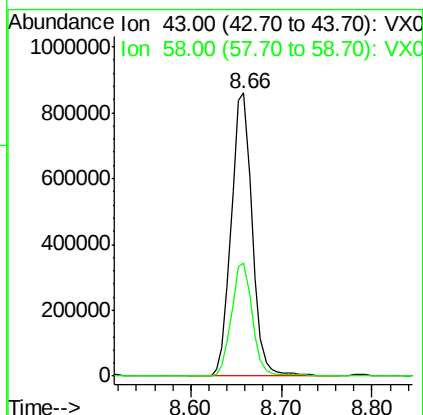
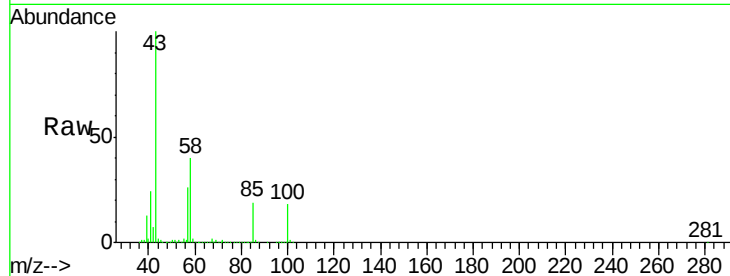




#51
 4-Methyl-2-Pentanone
 Concen: 270.83 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

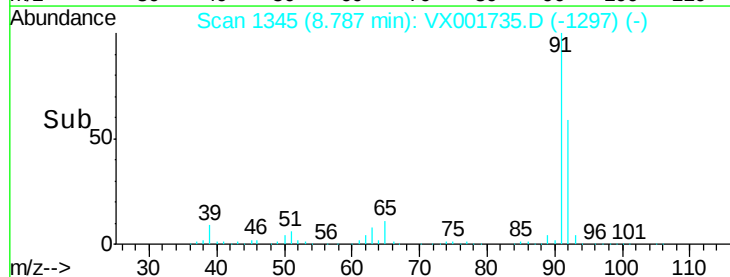
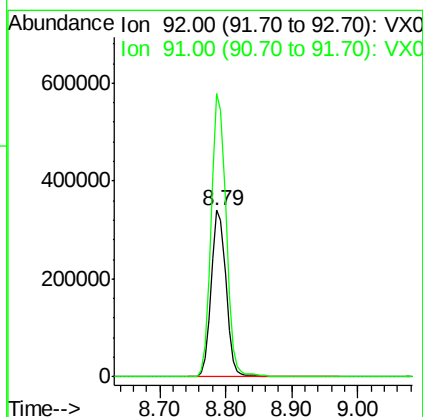
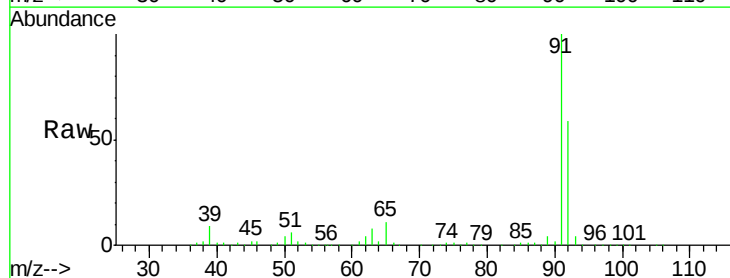
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

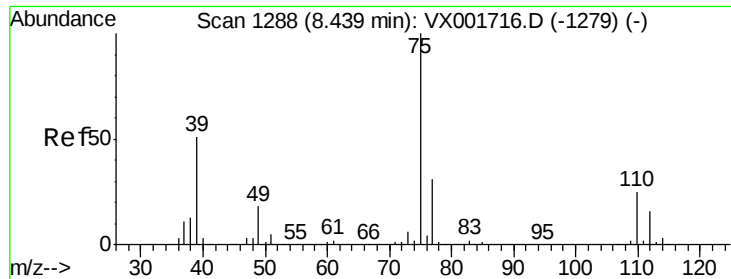
Tgt Ion: 43 Resp: 1384241
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.4 47.0



#52
 Toluene
 Concen: 56.64 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

Tgt Ion: 92 Resp: 530243
 Ion Ratio Lower Upper
 92 100
 91 170.1 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 58.64 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

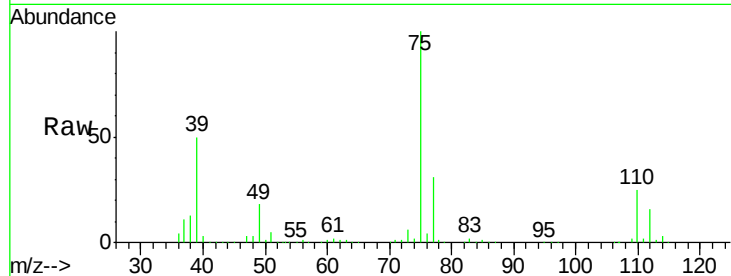
BFB

Tgt Ion: 75 Resp: 321382

Ion Ratio Lower Upper

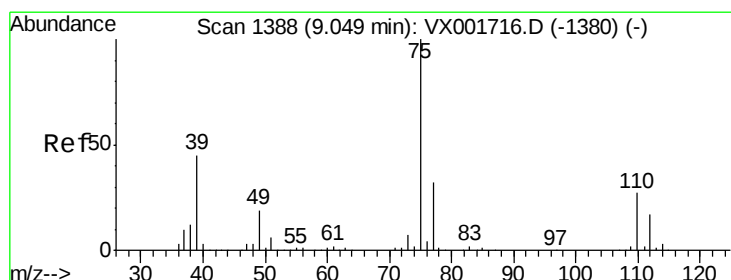
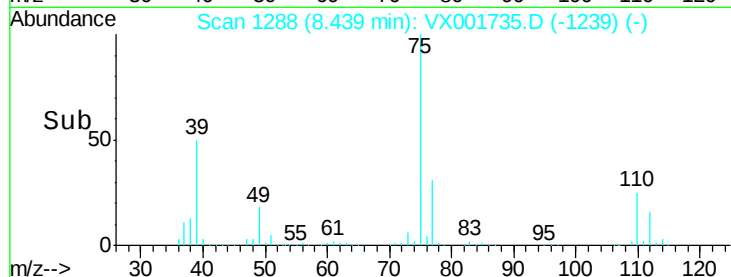
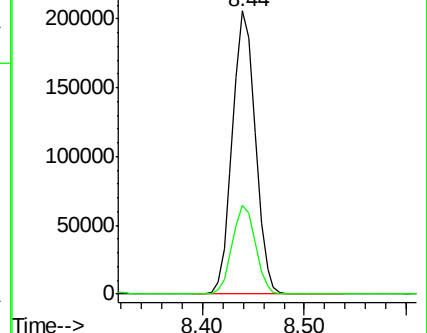
75 100

77 31.3 25.0 37.6



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: 61.43 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

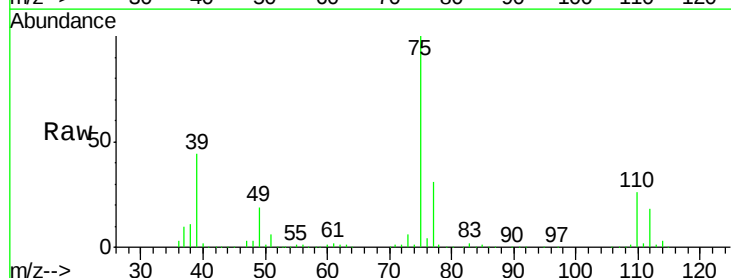
Tgt Ion: 75 Resp: 296759

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

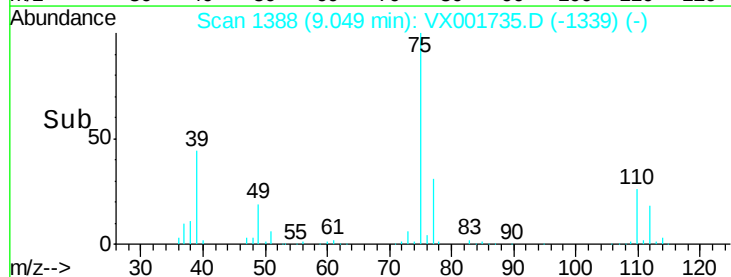
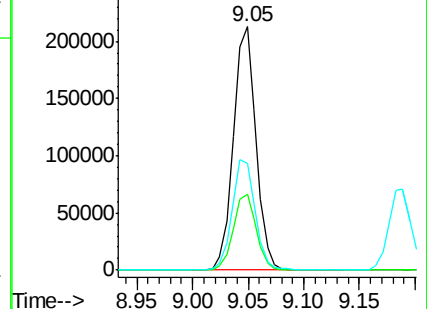
39 43.8 36.1 54.1

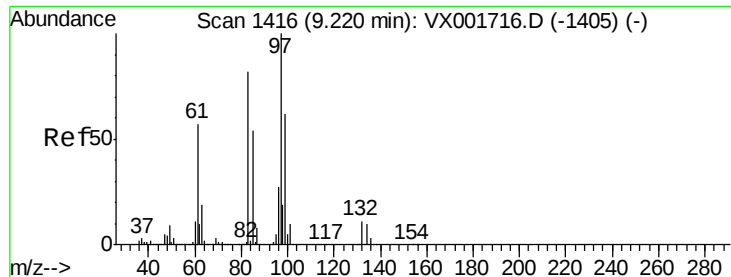


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

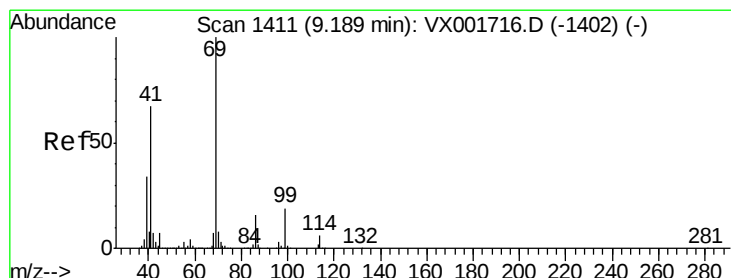
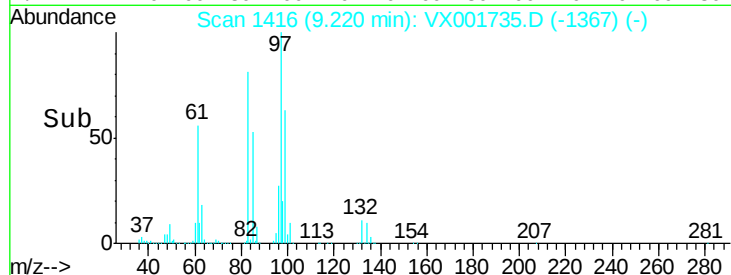
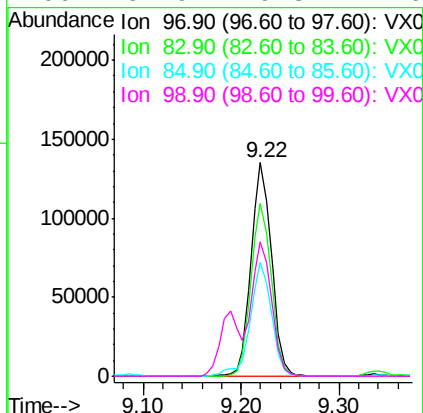
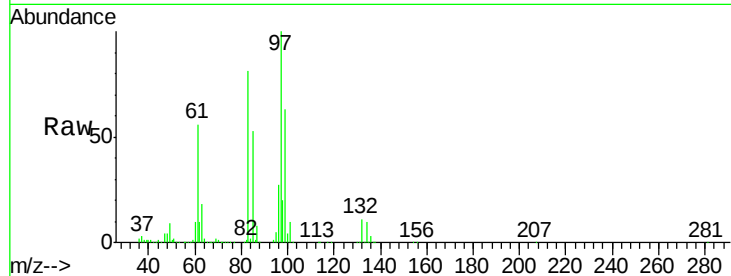




#55
 1,1,2-Trichloroethane
 Concen: 55.00 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

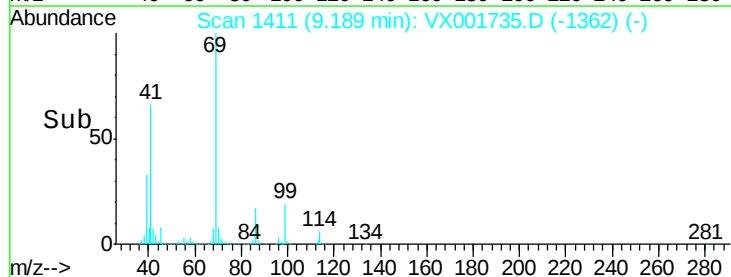
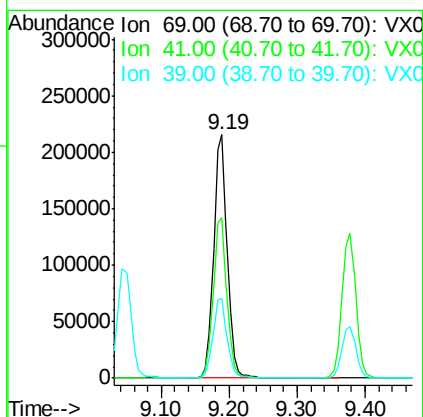
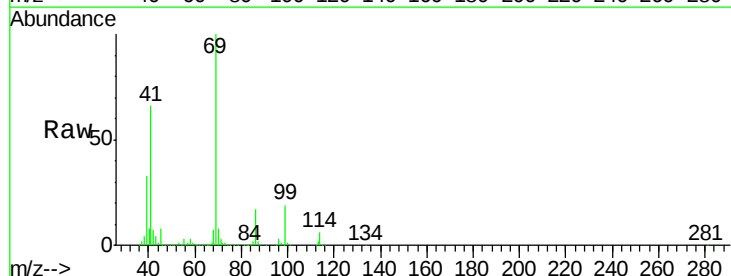
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

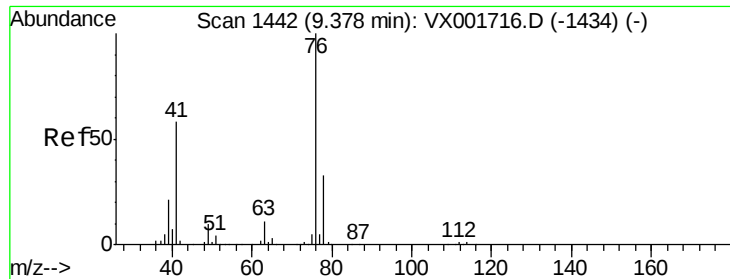
Tgt Ion:	97	Resp:	196819
Ion	Ratio	Lower	Upper
97	100		
83	81.0	65.8	98.8
85	53.4	43.4	65.0
99	62.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 58.82 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

Tgt Ion:	69	Resp:	298497
Ion	Ratio	Lower	Upper
69	100		
41	66.4	53.5	80.3
39	34.0	27.2	40.8

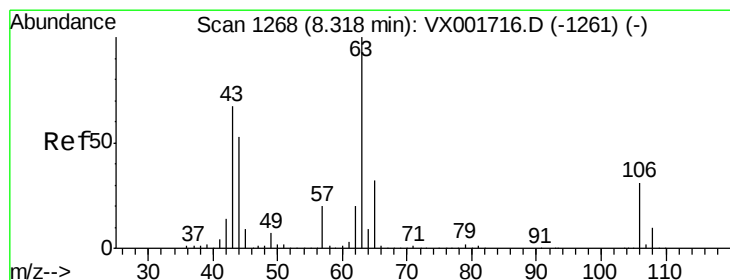
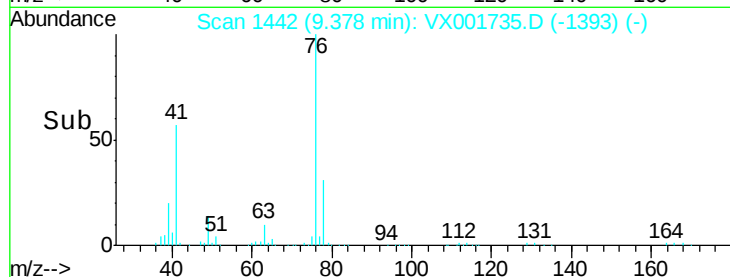
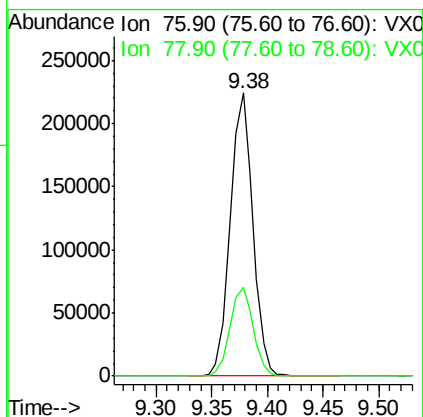
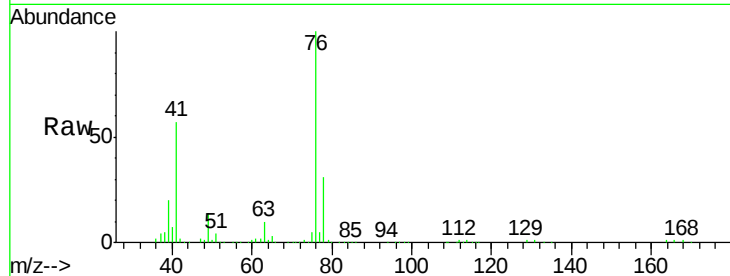




#57
 1,3-Dichloropropane
 Concen: 52.46 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

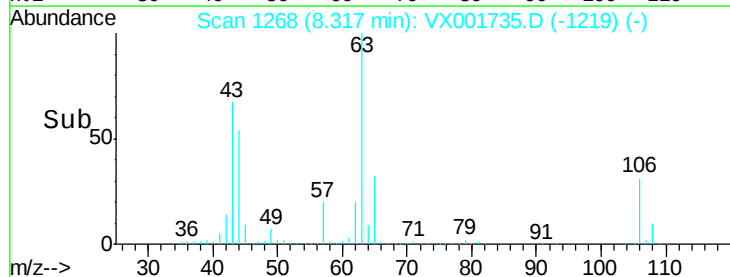
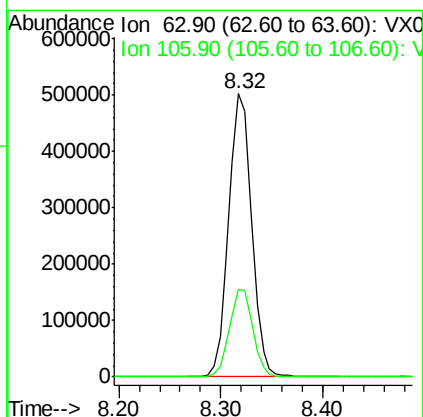
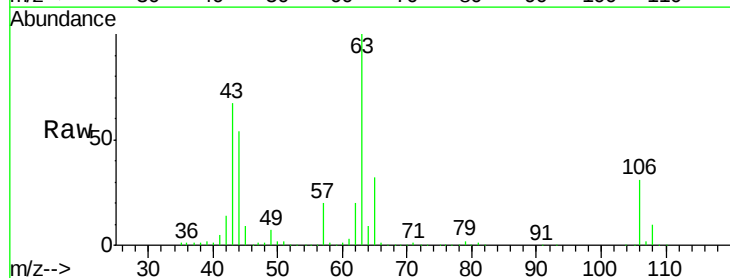
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

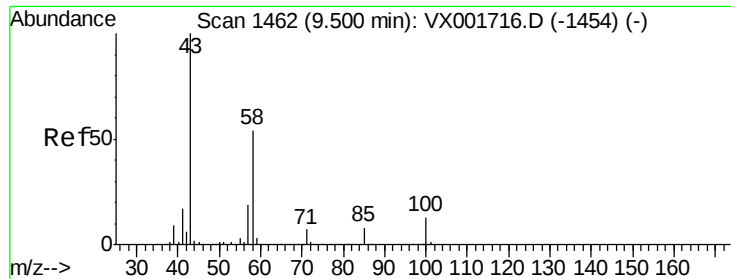
Tgt Ion: 76 Resp: 314275
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 298.42 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

Tgt Ion: 63 Resp: 778968
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.1 37.7

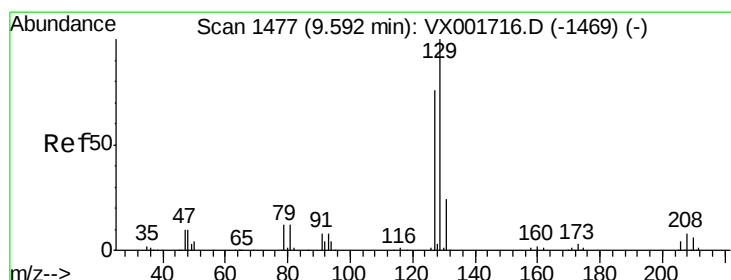
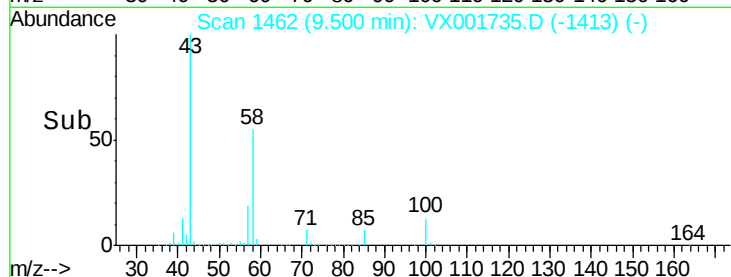
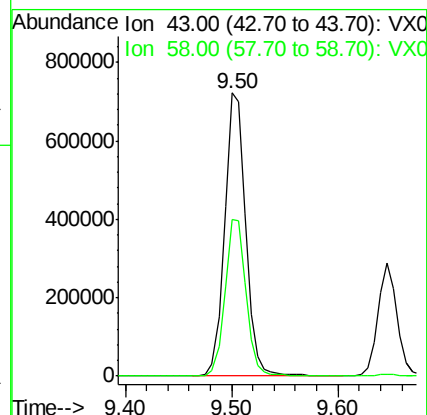
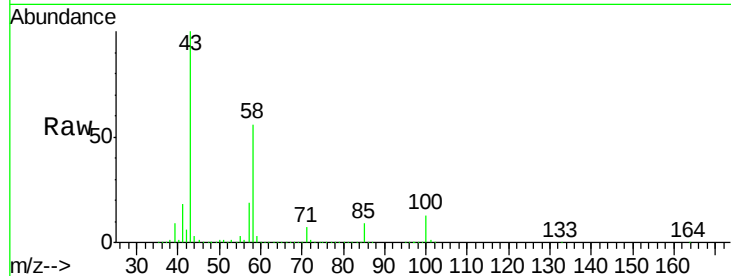




#59
2-Hexanone
Concen: 272.46 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

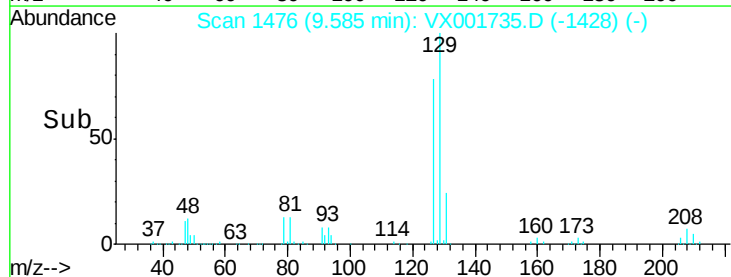
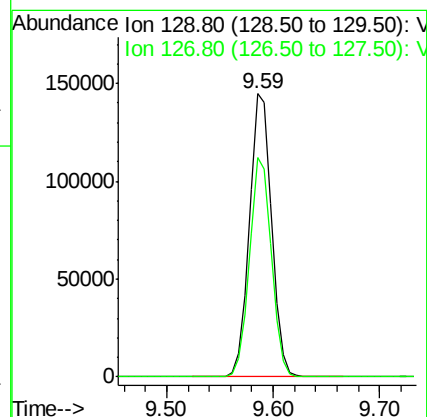
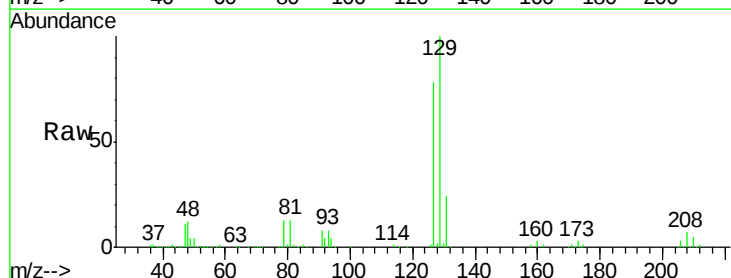
Instrument :
MSVOA_X
ClientSampled :
BFB

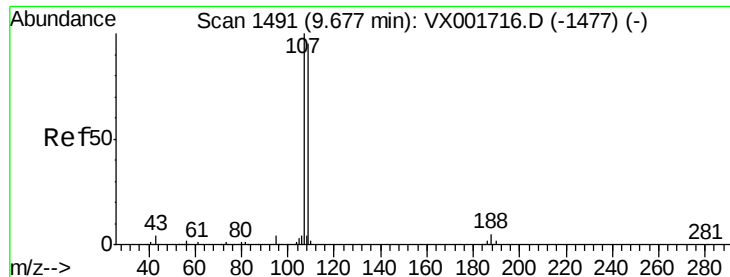
Tgt Ion: 43 Resp: 996851
Ion Ratio Lower Upper
43 100
58 55.7 27.7 83.1



#60
Dibromochloromethane
Concen: 57.75 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

Tgt Ion: 129 Resp: 211599
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1





#61

1,2-Dibromoethane

Concen: 53.49 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

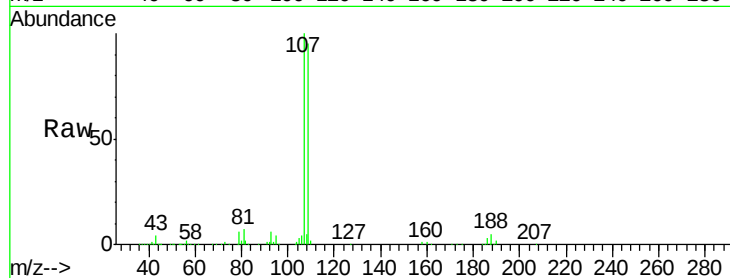
BFB

Tgt Ion: 107 Resp: 200374

Ion Ratio Lower Upper

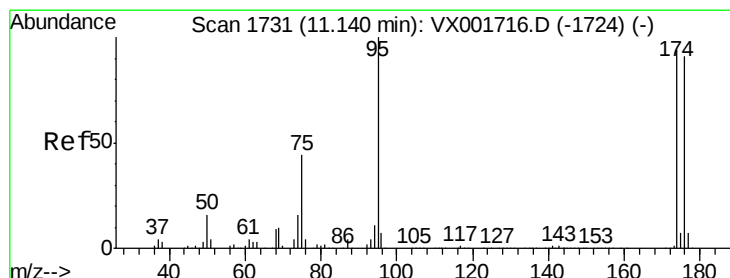
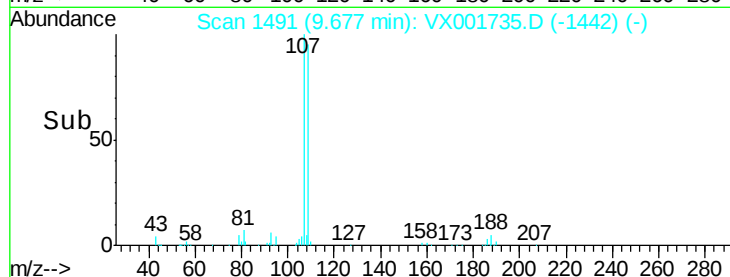
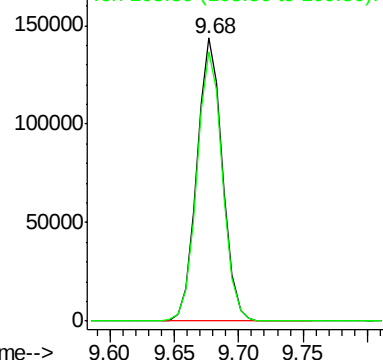
107 100

109 95.8 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.75 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

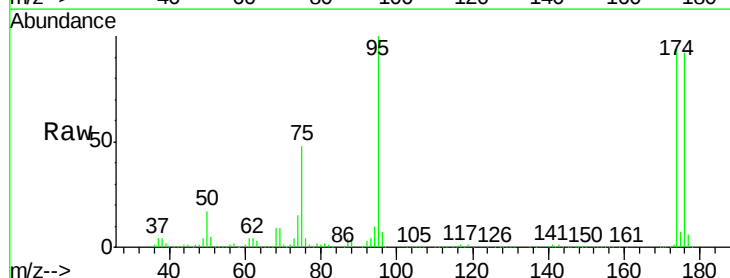
Tgt Ion: 95 Resp: 237231

Ion Ratio Lower Upper

95 100

174 102.0 0.0 201.8

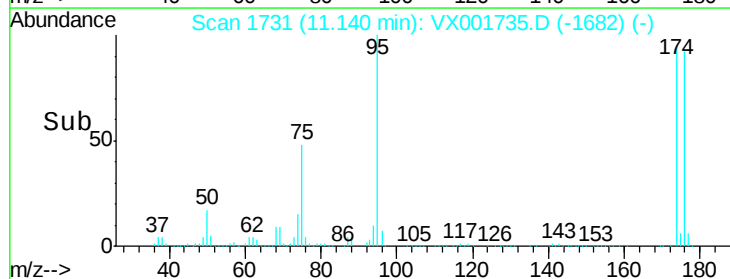
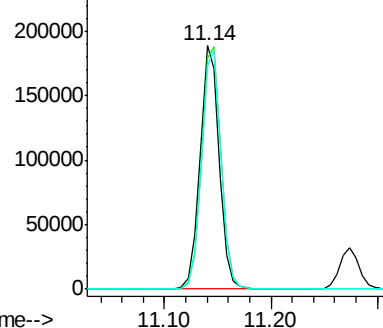
176 99.6 0.0 196.8

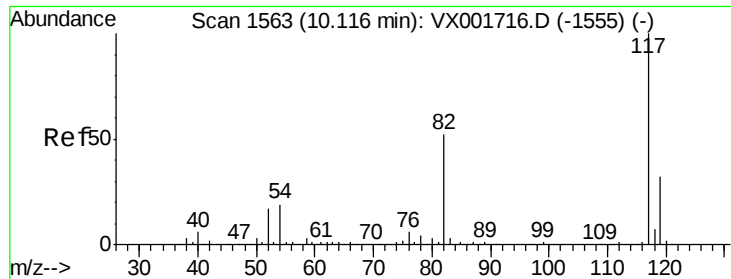


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

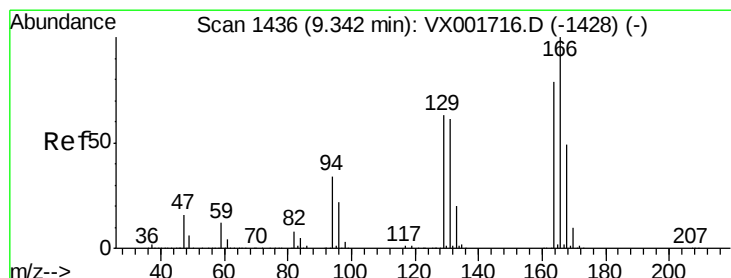
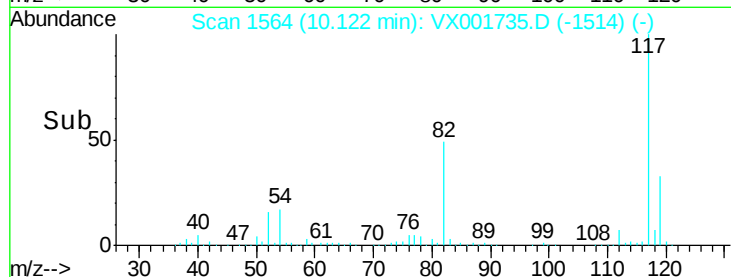
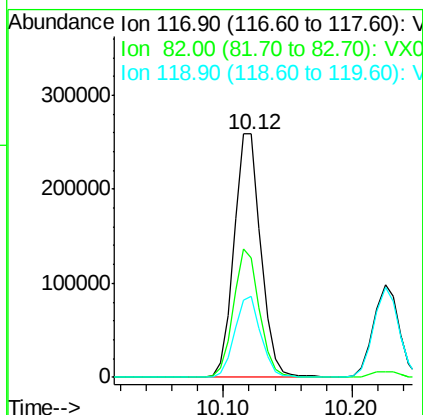
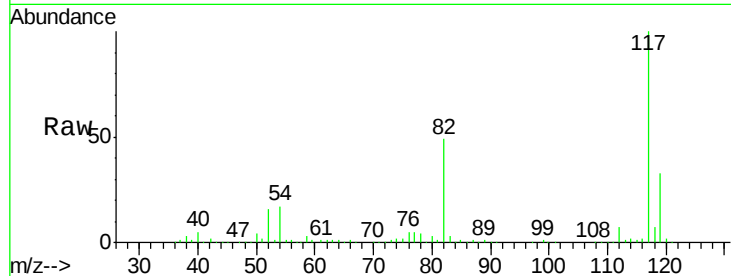




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

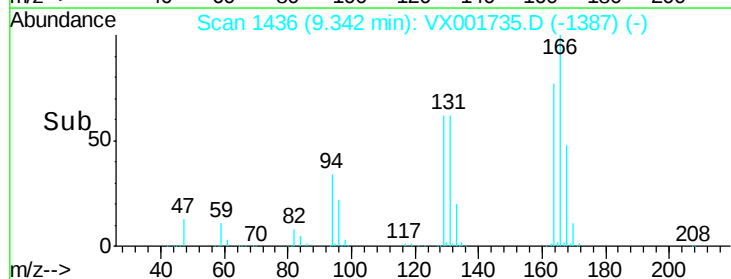
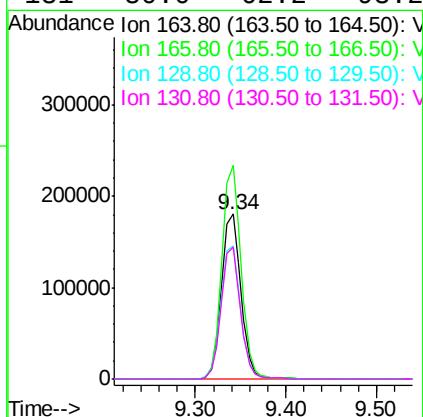
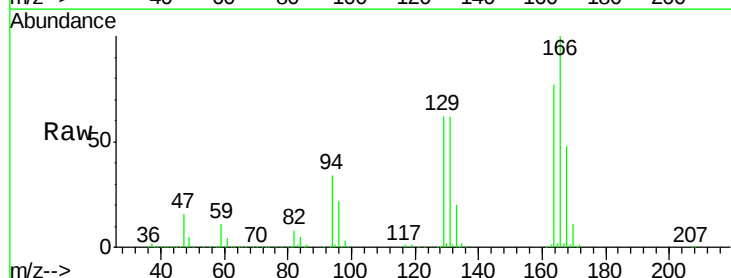
Instrument :
MSVOA_X
ClientSampled :
BFB

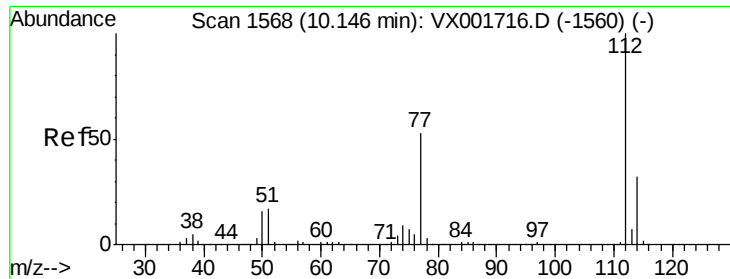
Tgt Ion:117 Resp: 376090
Ion Ratio Lower Upper
117 100
82 49.1 41.4 62.2
119 33.1 25.6 38.4



#64
Tetrachloroethene
Concen: 55.42 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

Tgt Ion:164 Resp: 271343
Ion Ratio Lower Upper
164 100
166 129.7 101.8 152.8
129 81.1 63.8 95.6
131 80.0 62.2 93.2

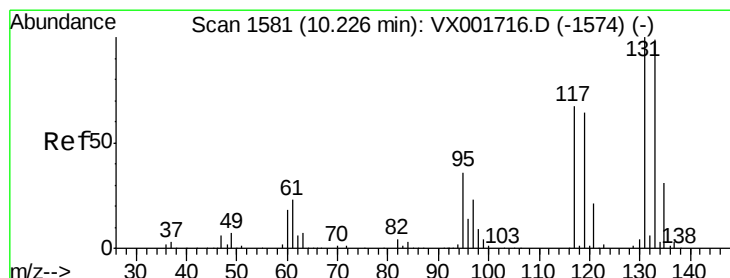
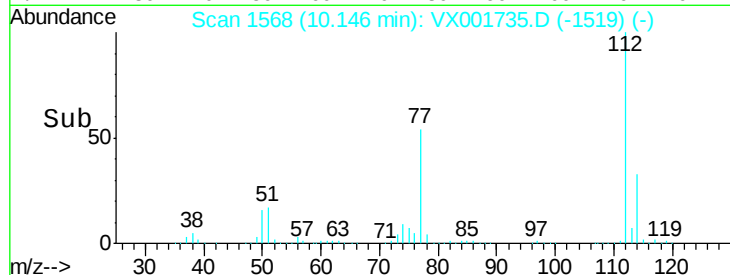
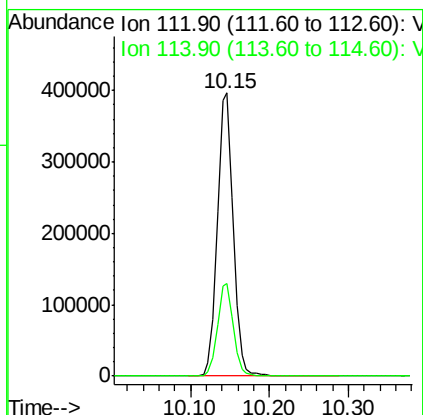
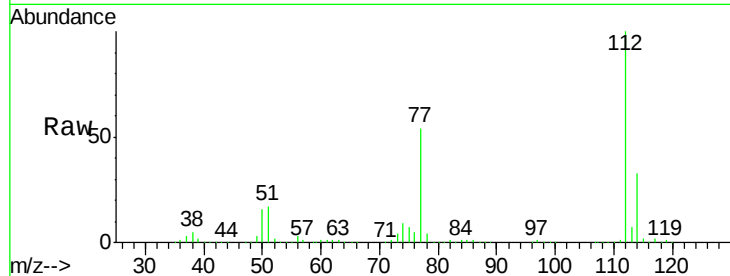




#65
 Chlorobenzene
 Concen: 53.81 ug/l
 RT: 10.15 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

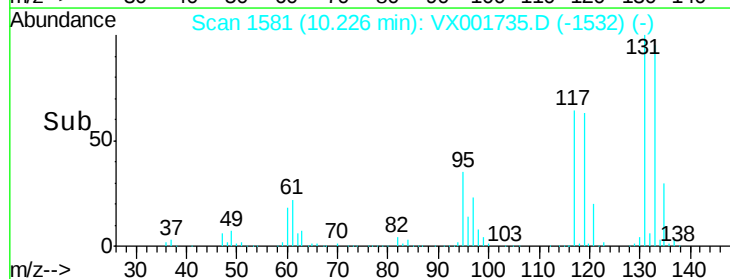
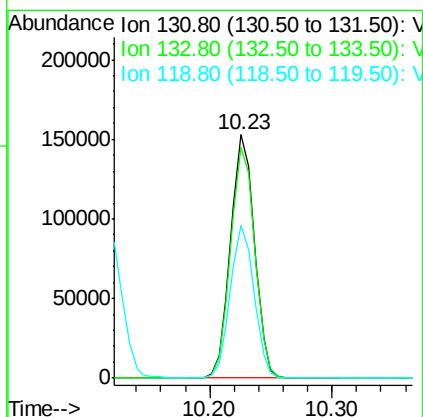
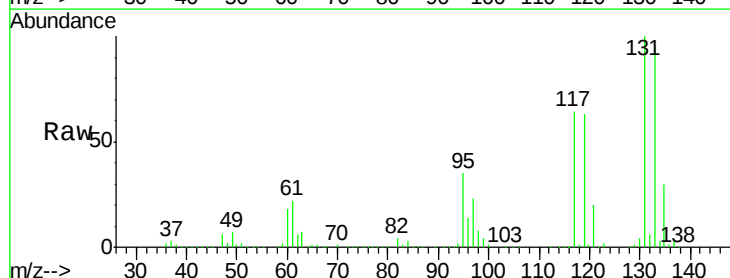
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

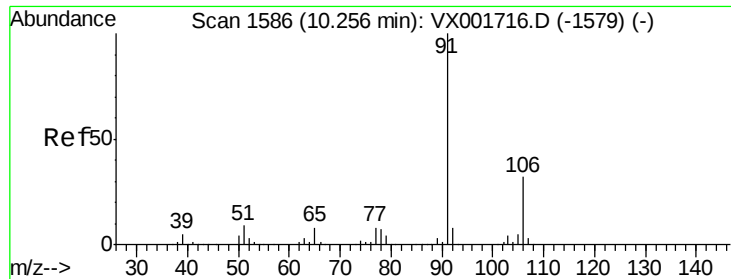
Tgt Ion:112 Resp: 556681
 Ion Ratio Lower Upper
 112 100
 114 32.8 25.6 38.4



#66
 1,1,1,2-Tetrachloroethane
 Concen: 56.25 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

Tgt Ion:131 Resp: 205519
 Ion Ratio Lower Upper
 131 100
 133 95.8 48.5 145.6
 119 62.6 31.9 95.5

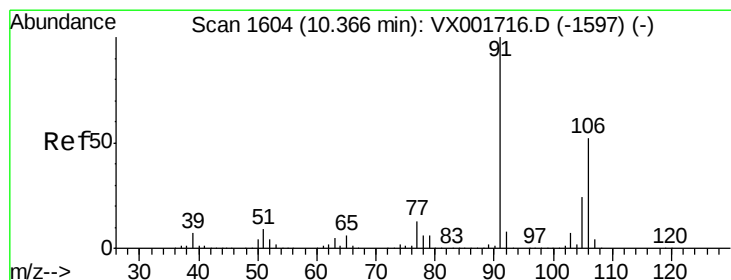
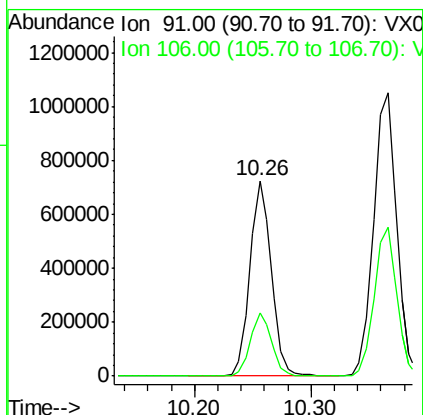
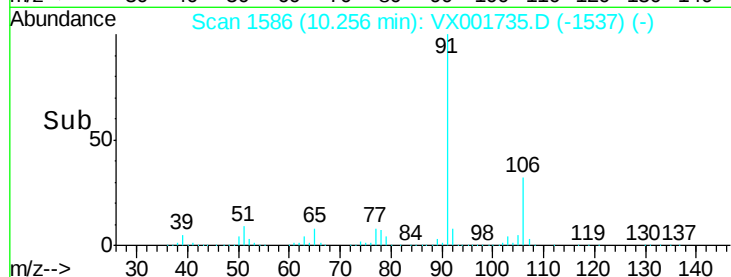
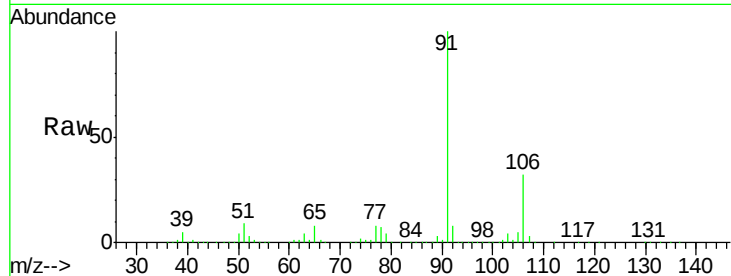




#67
Ethyl Benzene
Concen: 56.56 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

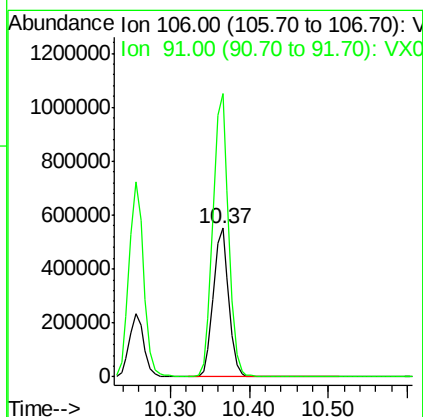
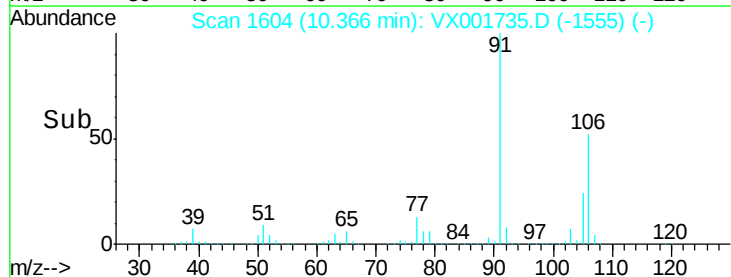
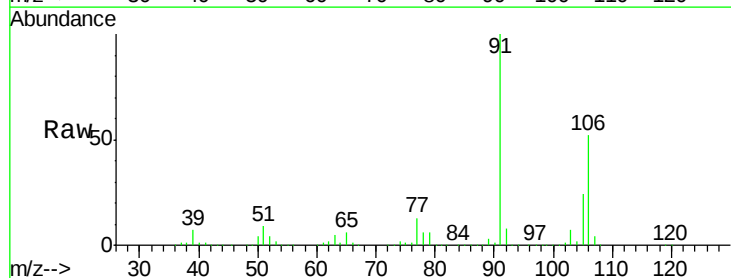
Instrument :
MSVOA_X
ClientSampleId :
BFB

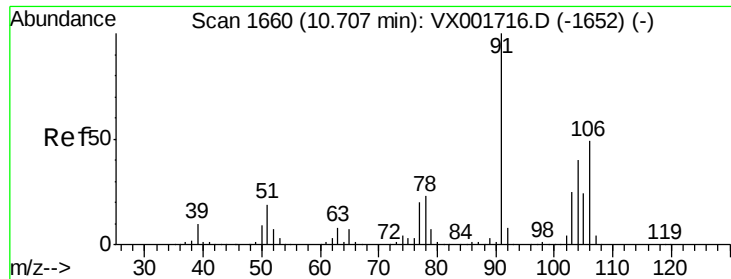
Tgt Ion: 91 Resp: 935056
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5



#68
m/p-Xylenes
Concen: 115.27 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

Tgt Ion: 106 Resp: 751926
Ion Ratio Lower Upper
106 100
91 193.6 155.4 233.2

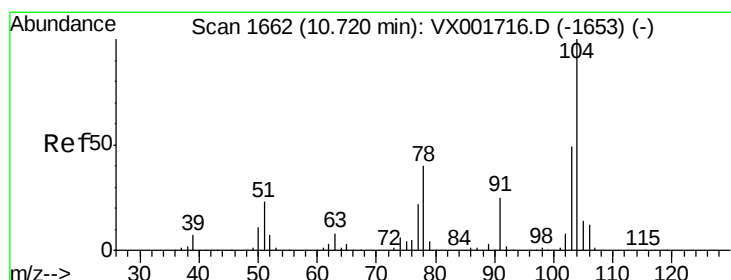
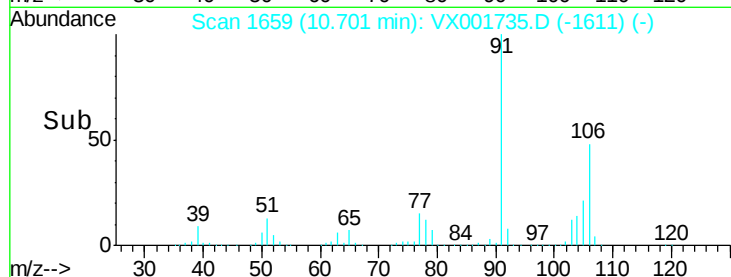
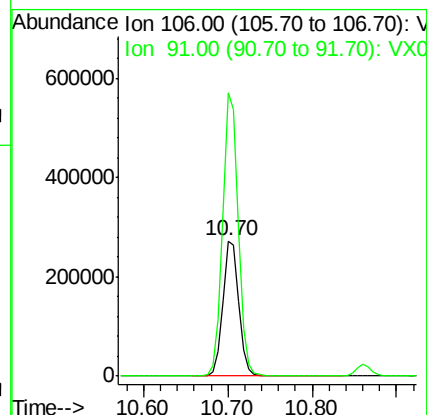
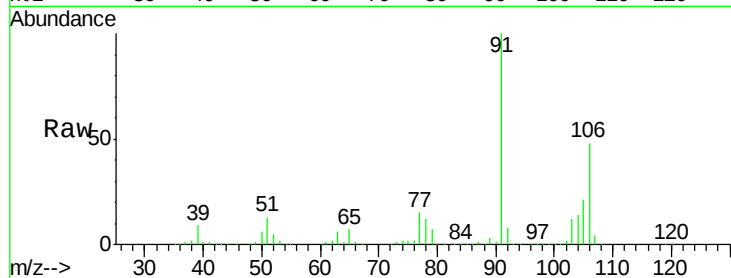




#69
o-Xylene
Concen: 57.47 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

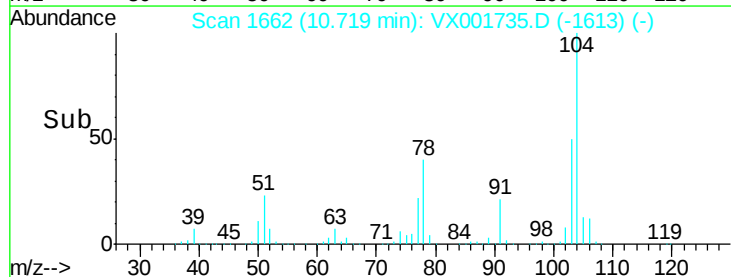
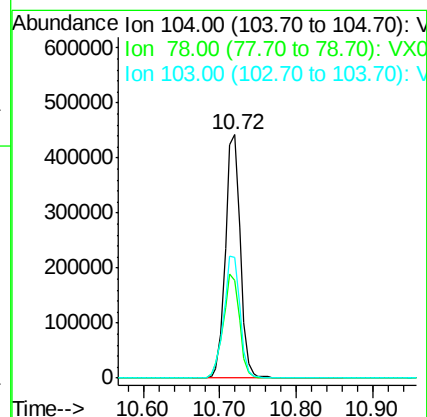
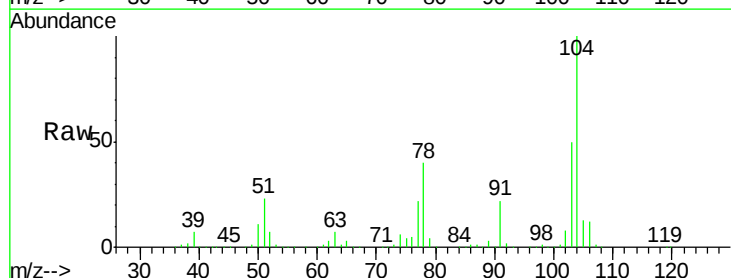
Instrument :
MSVOA_X
ClientSampleId :
BFB

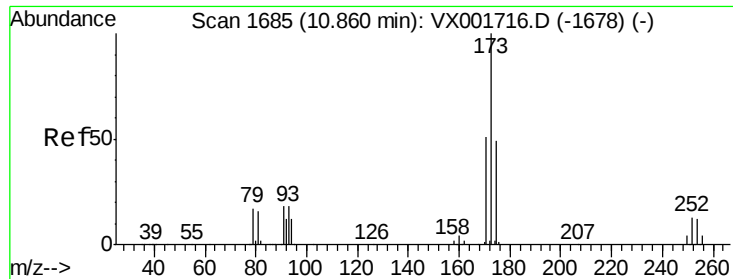
Tgt Ion:106 Resp: 359041
Ion Ratio Lower Upper
106 100
91 205.7 103.4 310.2



#70
Styrene
Concen: 57.83 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001735.D
Acq: 15 May 2018 10:12

Tgt Ion:104 Resp: 595793
Ion Ratio Lower Upper
104 100
78 46.8 37.3 55.9
103 54.9 43.7 65.5





#71

Bromoform

Concen: 50.50 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

BFB

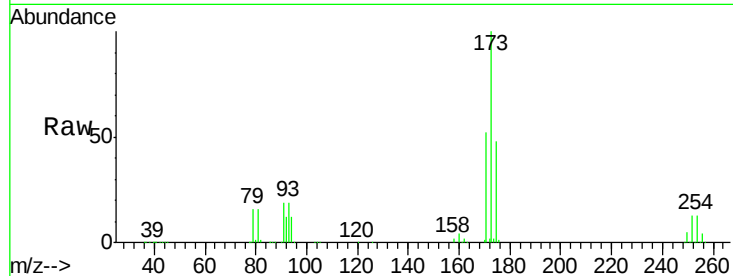
Tgt Ion:173 Resp: 171847

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.8

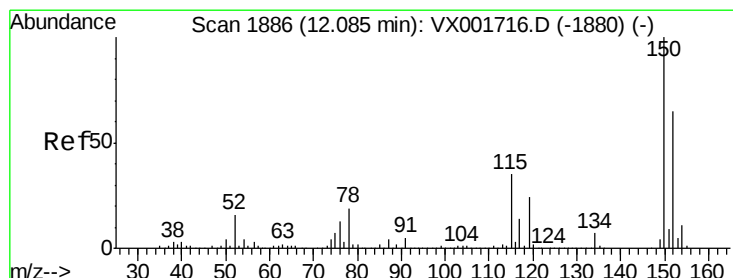
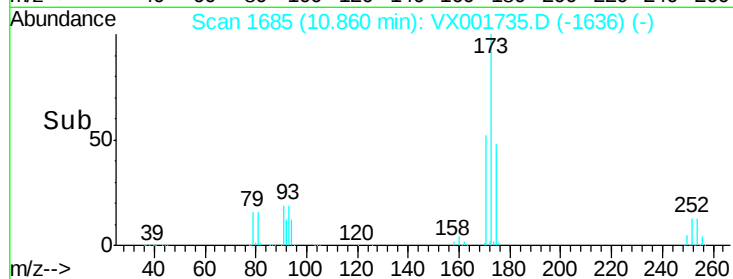
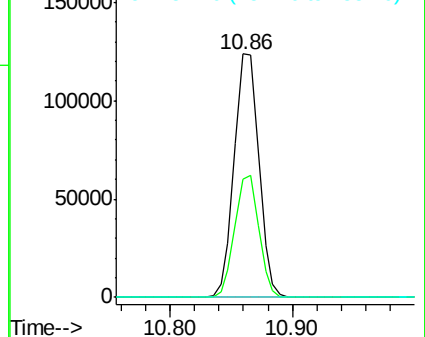
254 0.2 0.2 0.2



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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

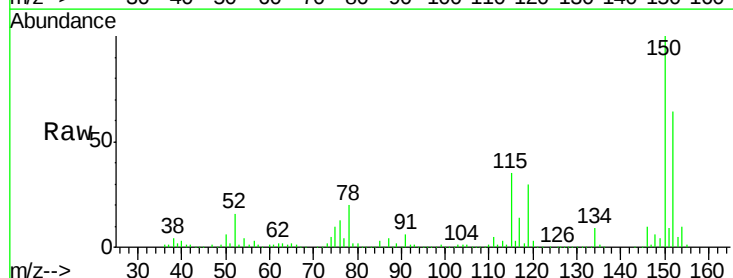
Tgt Ion:152 Resp: 257394

Ion Ratio Lower Upper

152 100

115 77.8 37.4 112.2

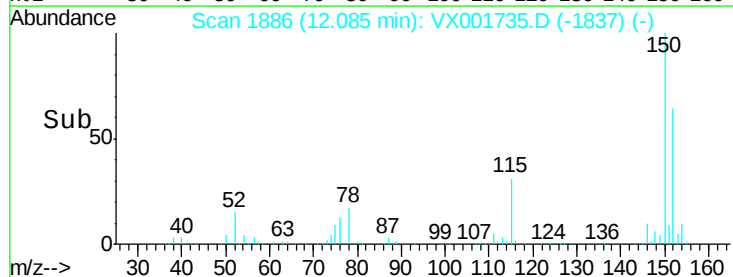
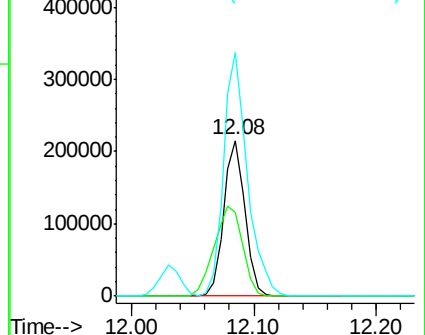
150 176.7 0.0 344.8

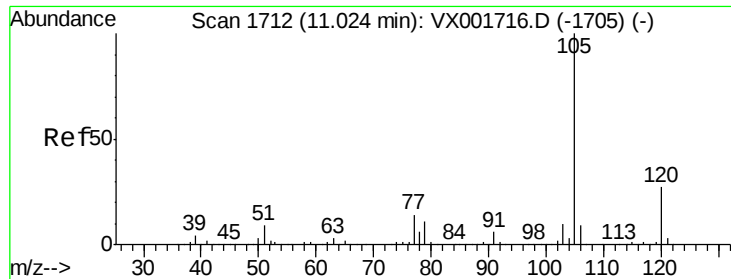


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.80 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

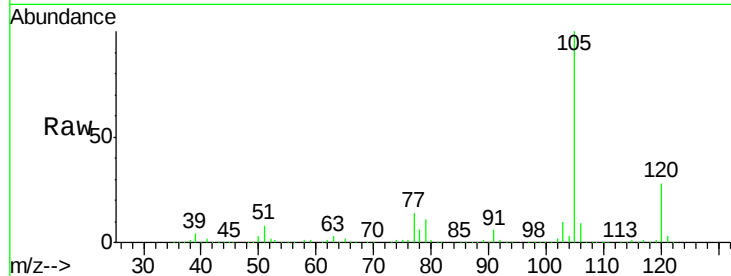
BFB

Tgt Ion: 105 Resp: 962819

Ion Ratio Lower Upper

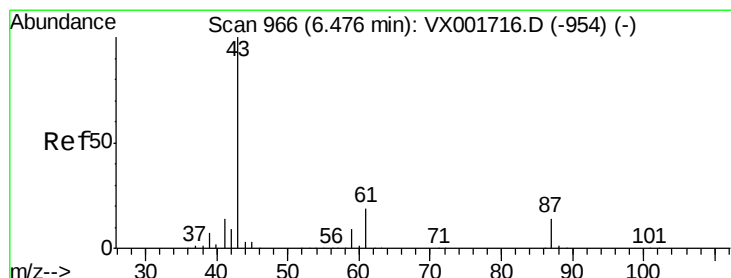
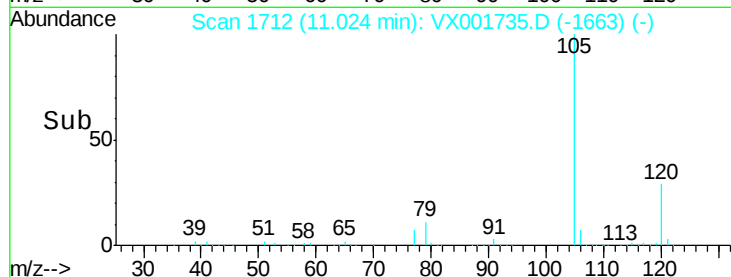
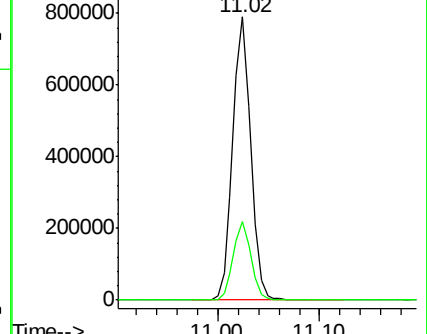
105 100

120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.82 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Tgt Ion: 43 Resp: 429248

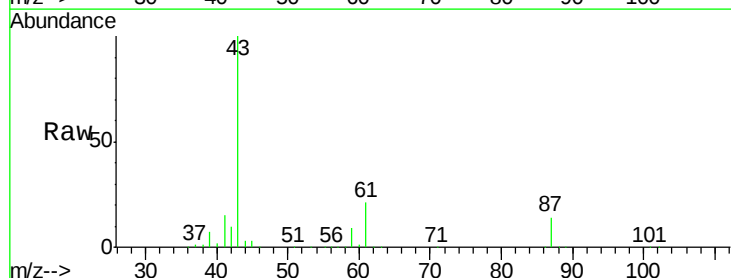
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 20.1 15.8 23.8

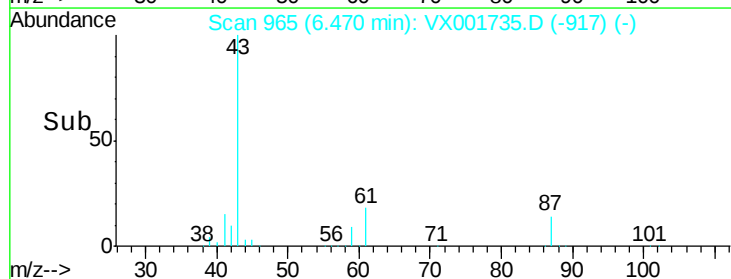
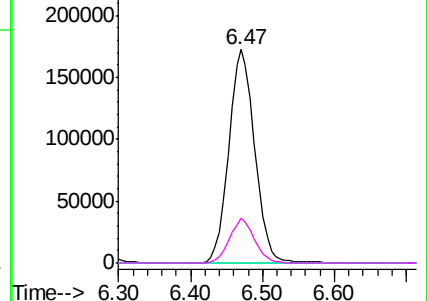


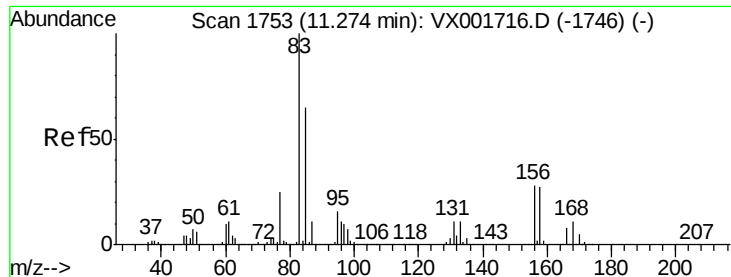
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.41 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

BFB

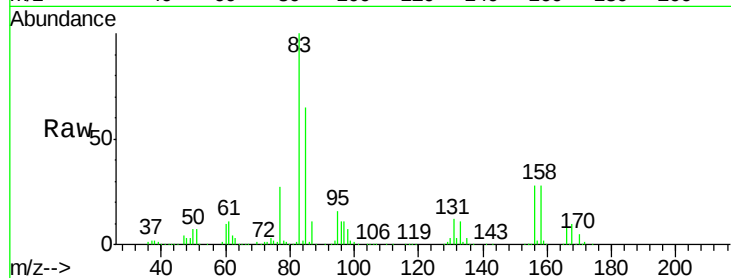
Tgt Ion: 83 Resp: 261428

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.0

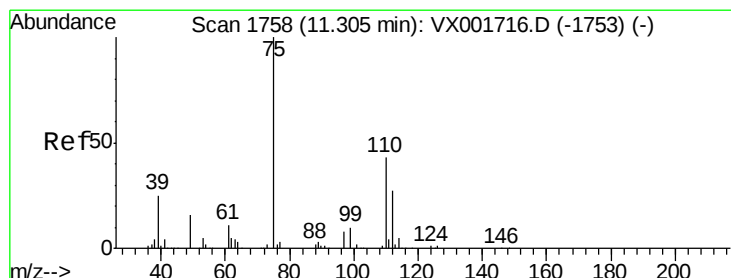
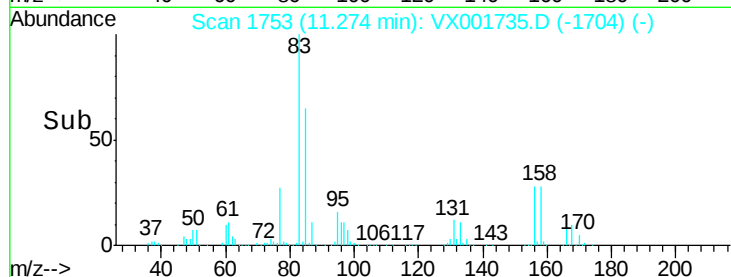
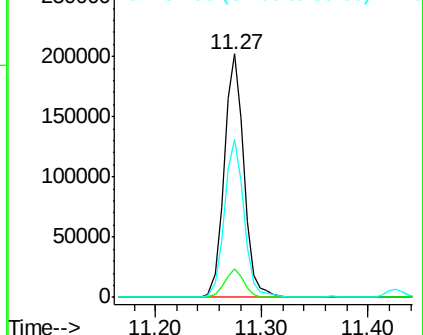
85 64.8 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.78 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001735.D

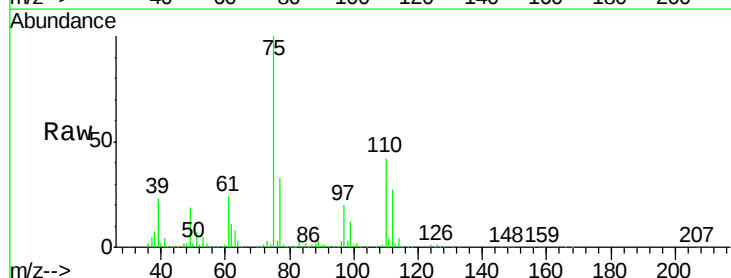
Acq: 15 May 2018 10:12

Tgt Ion: 75 Resp: 317045

Ion Ratio Lower Upper

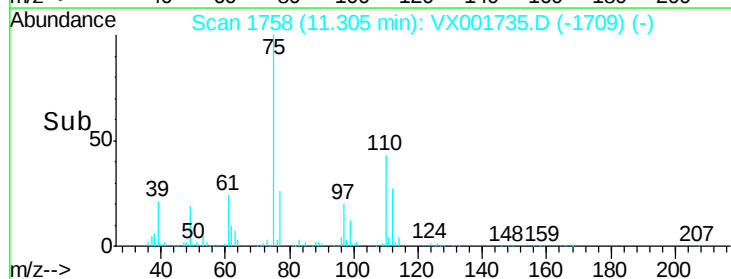
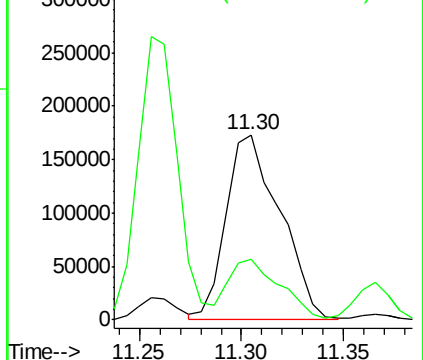
75 100

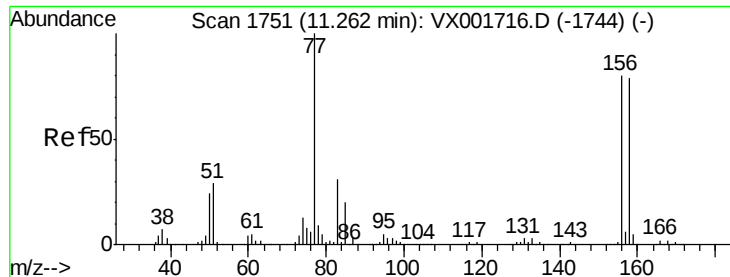
77 31.4 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 54.68 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

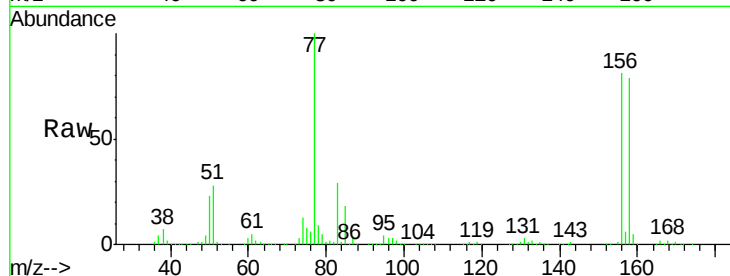
Tgt Ion:156 Resp: 272342

Ion Ratio Lower Upper

156 100

77 131.7 65.3 196.0

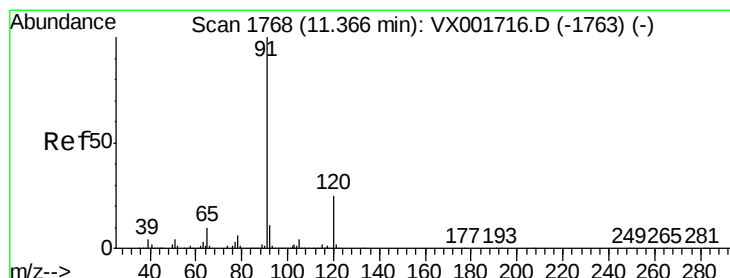
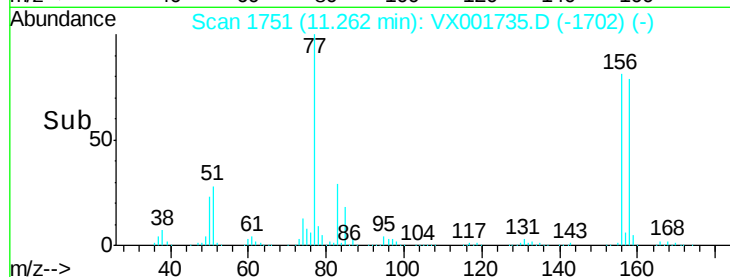
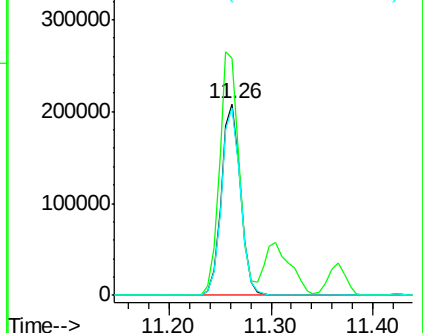
158 97.5 49.1 147.3



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: 58.06 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001735.D

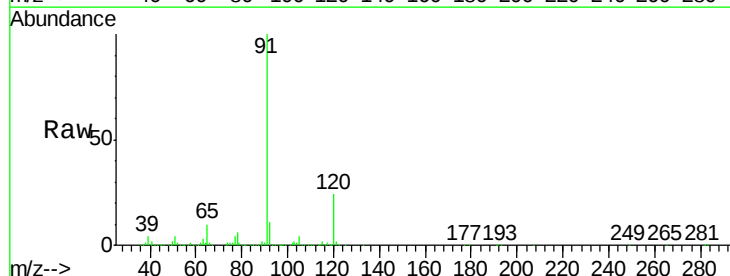
Acq: 15 May 2018 10:12

Tgt Ion: 91 Resp: 1108713

Ion Ratio Lower Upper

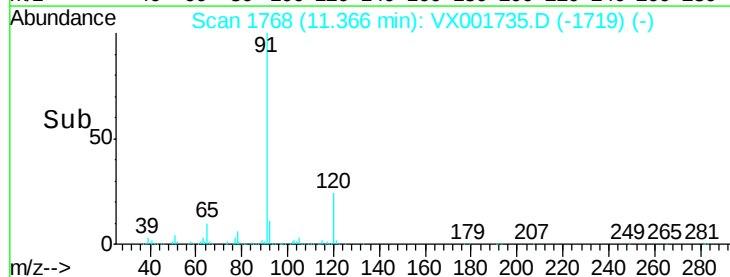
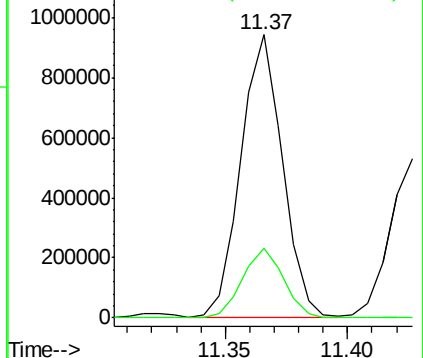
91 100

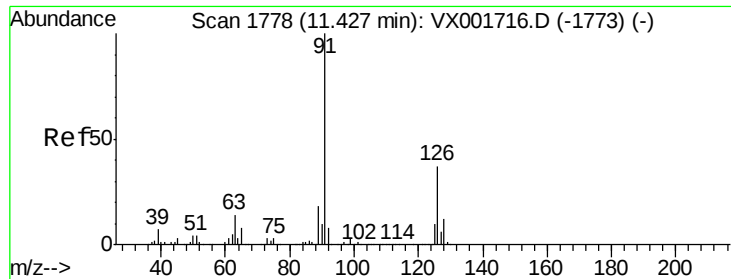
120 24.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

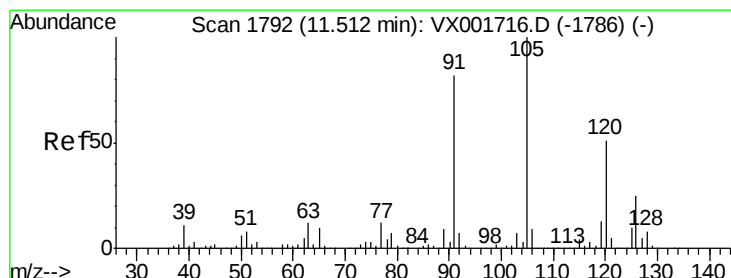
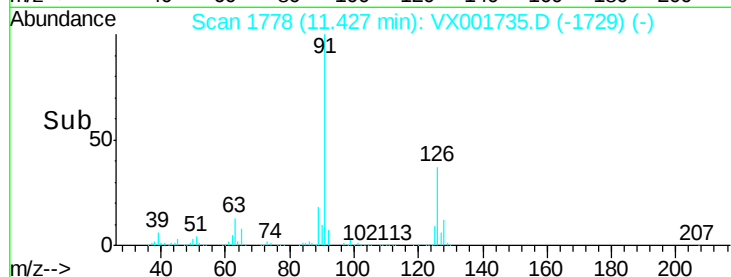
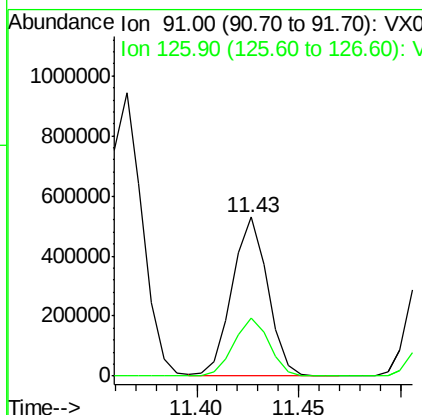
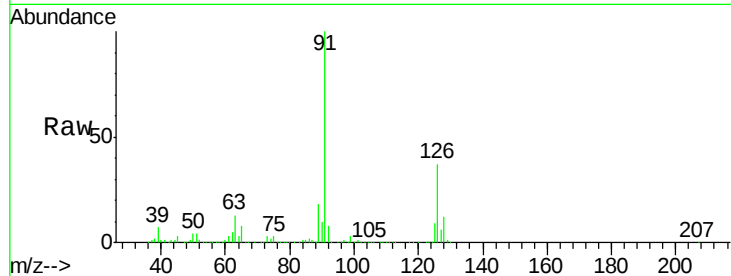




#79
 2-Chlorotoluene
 Concen: 55.58 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

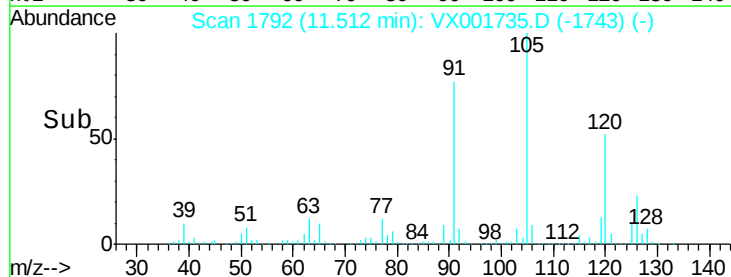
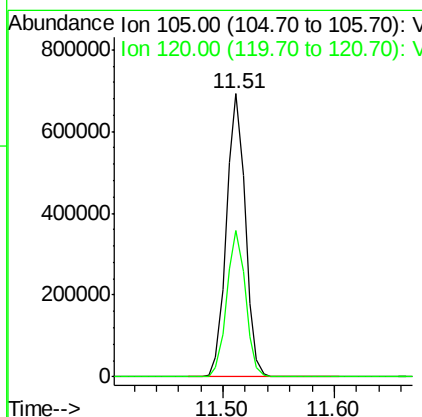
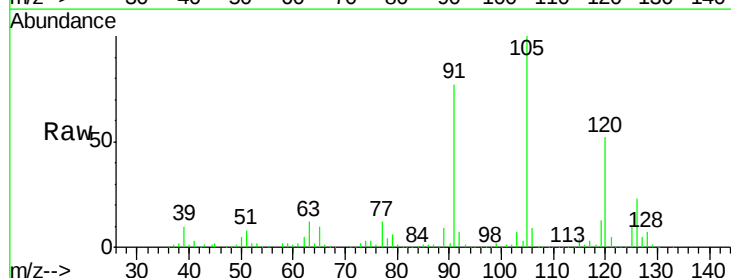
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

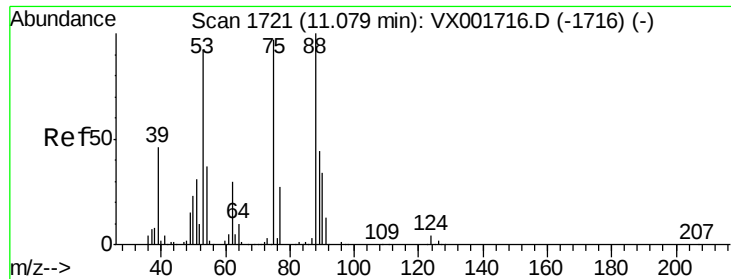
Tgt Ion: 91 Resp: 634845
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 58.03 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

Tgt Ion: 105 Resp: 806964
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 49.09 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

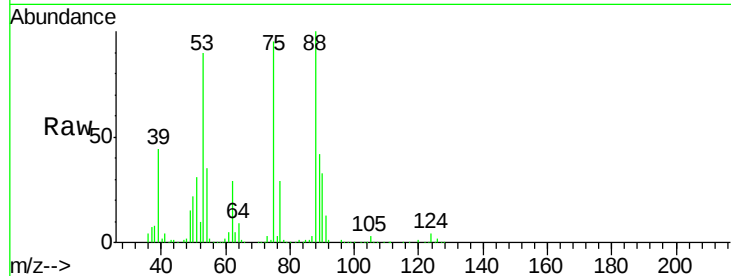
Tgt Ion: 75 Resp: 80514

Ion Ratio Lower Upper

75 100

53 96.3 79.4 119.2

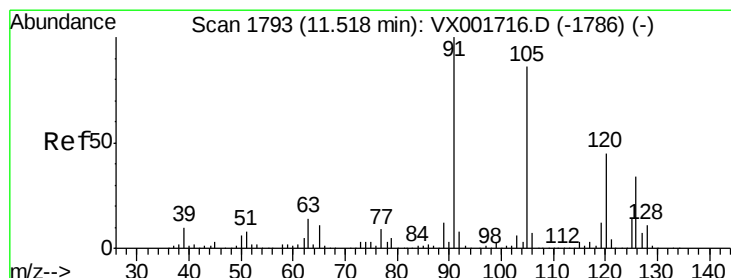
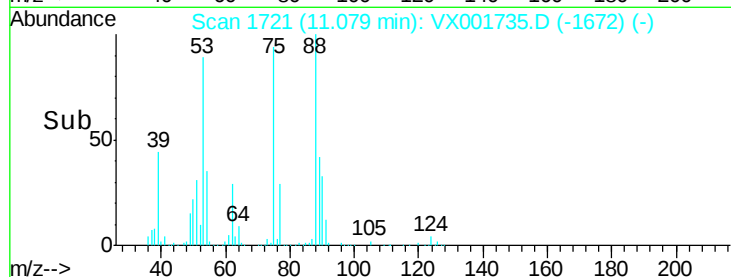
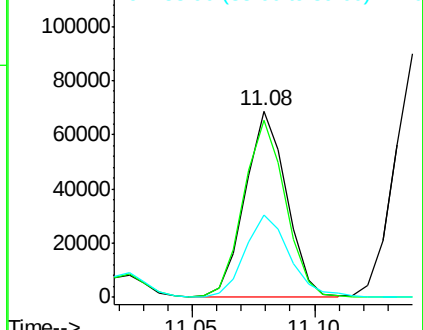
89 48.0 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 55.75 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001735.D

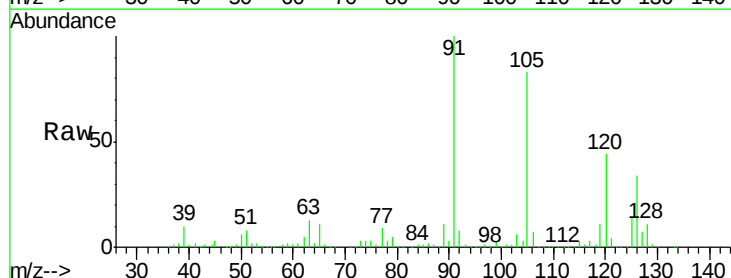
Acq: 15 May 2018 10:12

Tgt Ion: 91 Resp: 750093

Ion Ratio Lower Upper

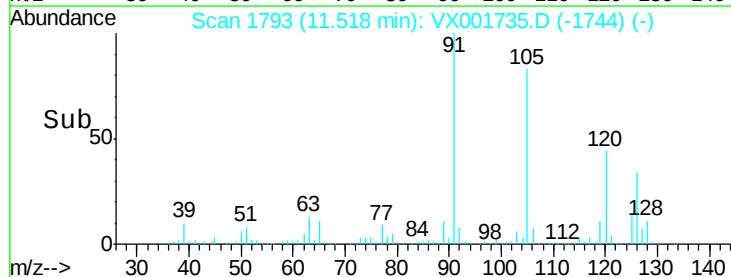
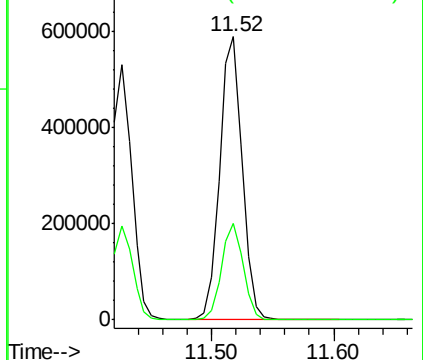
91 100

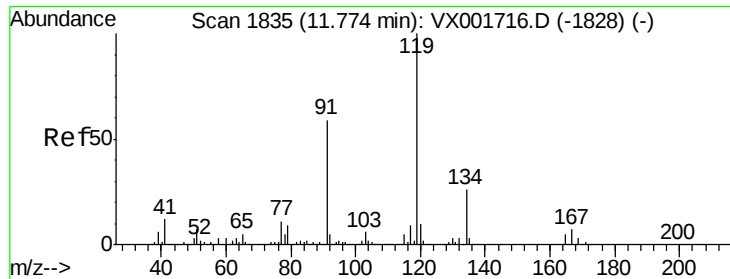
126 33.0 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

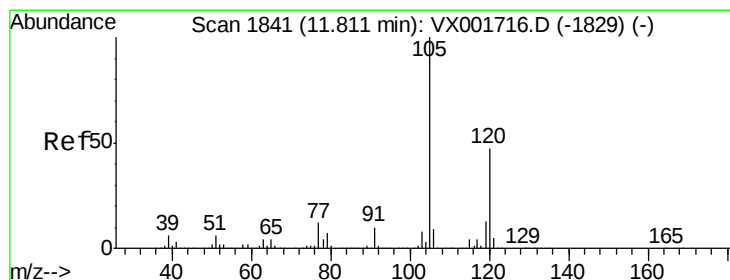
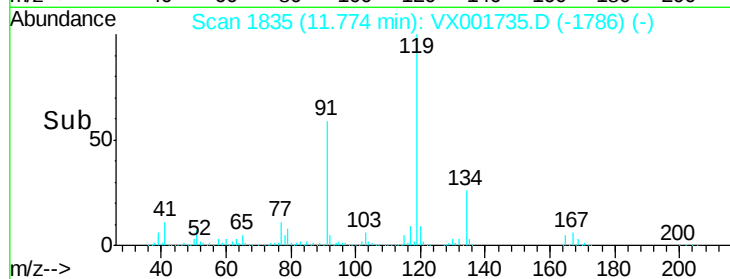
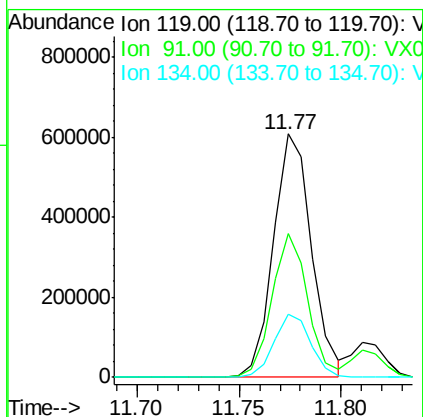
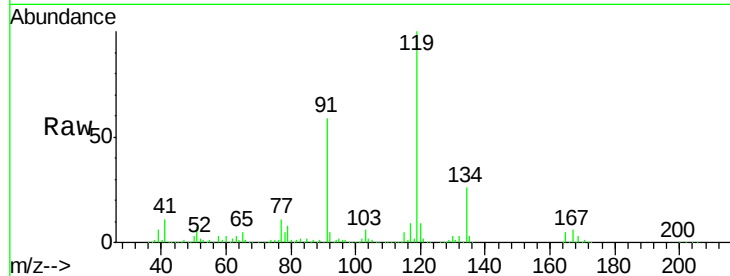




#83
 tert-Butylbenzene
 Concen: 57.15 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

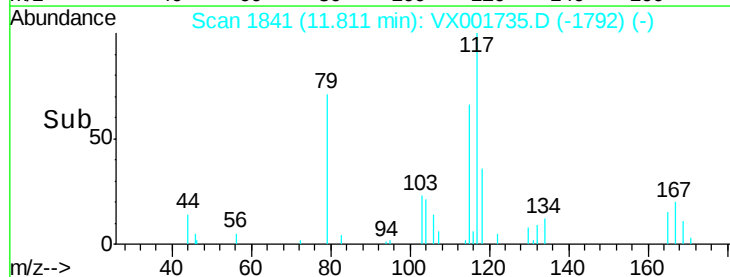
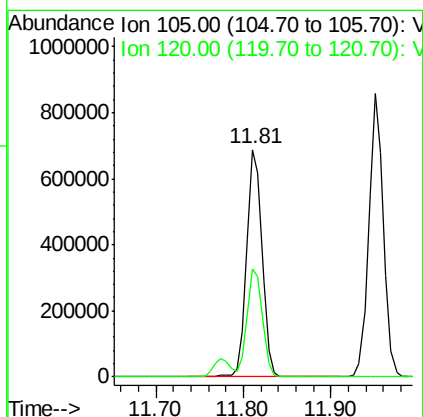
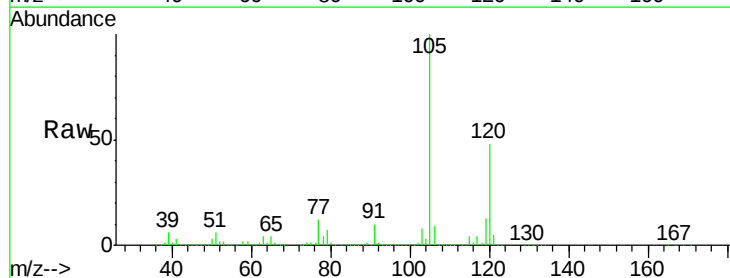
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

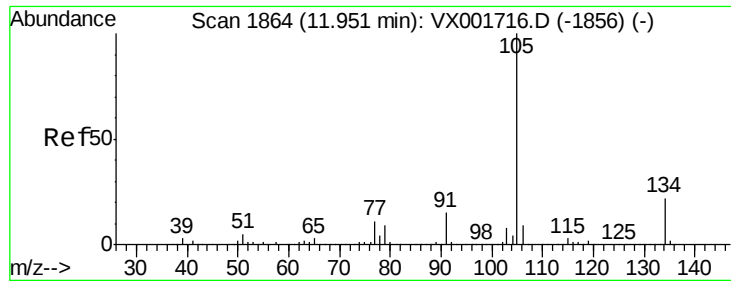
Tgt Ion:119 Resp: 790834
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.7 83.0
 134 25.3 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 58.19 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

Tgt Ion:105 Resp: 837946
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.5 70.5

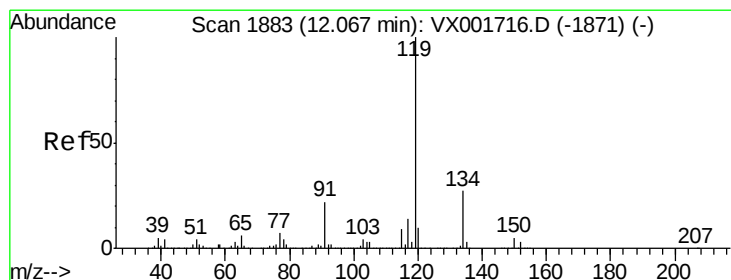
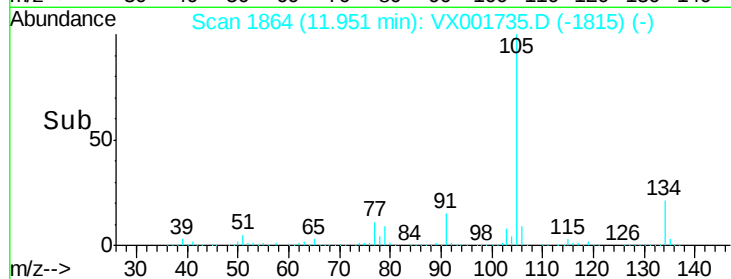
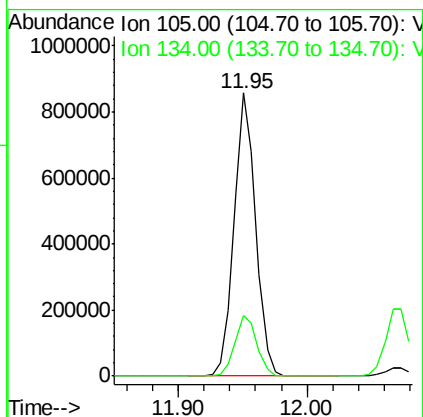
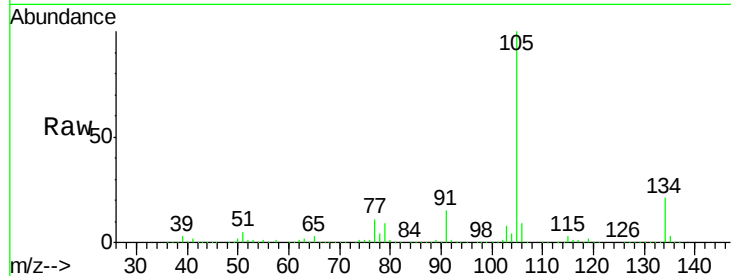




#85
 sec-Butylbenzene
 Concen: 58.49 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

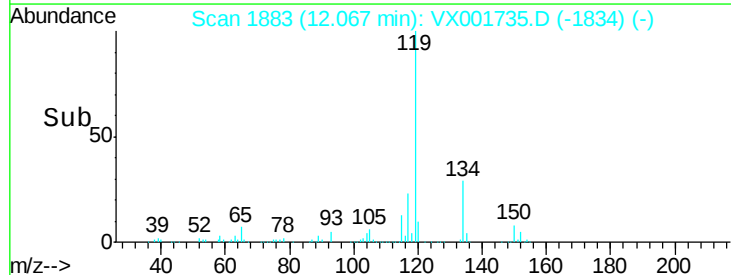
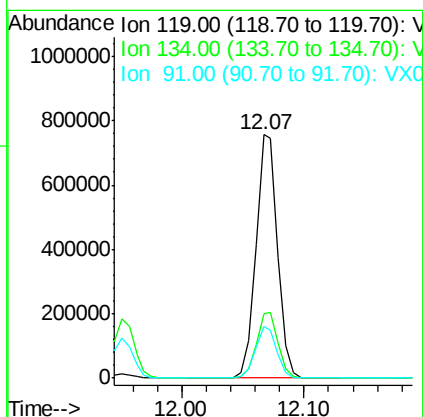
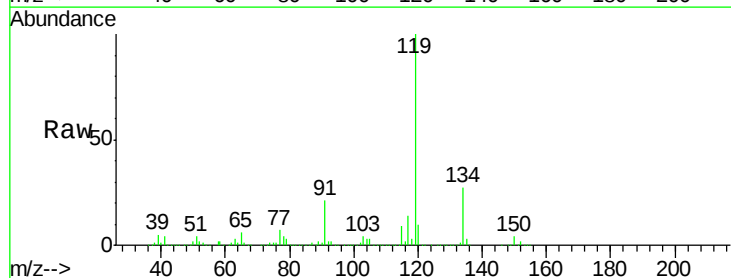
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

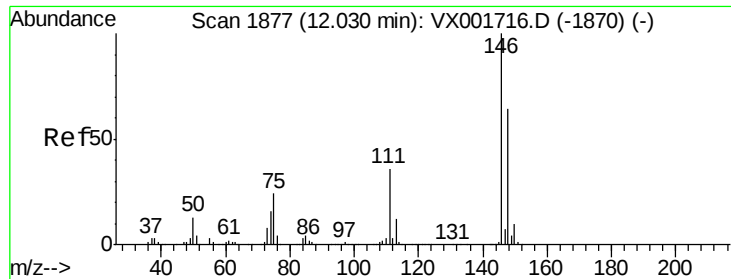
Tgt Ion:105 Resp: 999174
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.9 32.6



#86
 p-Isopropyltoluene
 Concen: 59.03 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

Tgt Ion:119 Resp: 933143
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 20.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 54.94 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

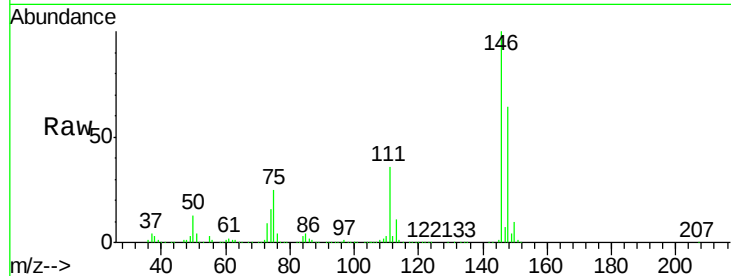
Tgt Ion:146 Resp: 506105

Ion Ratio Lower Upper

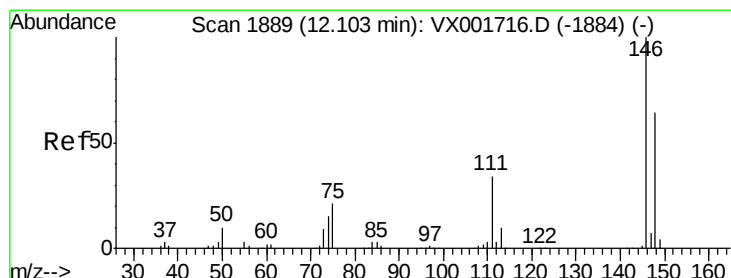
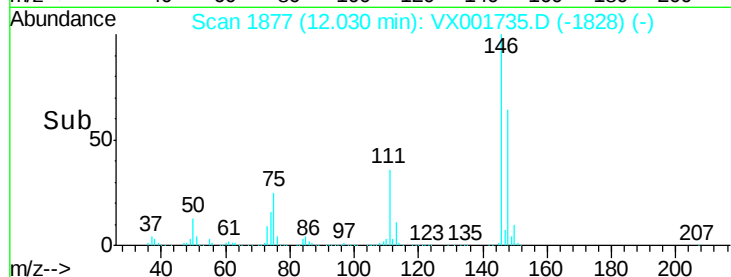
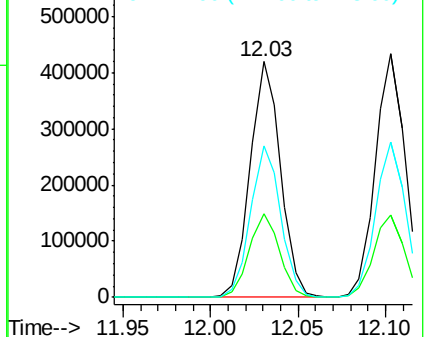
146 100

111 35.6 17.8 53.4

148 63.8 32.1 96.3



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: 53.88 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

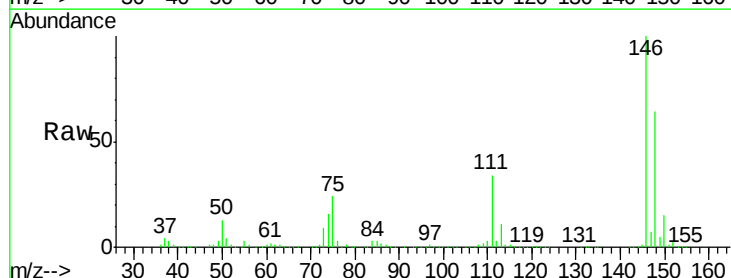
Tgt Ion:146 Resp: 513164

Ion Ratio Lower Upper

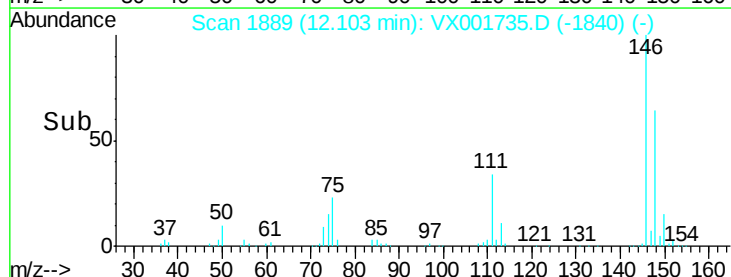
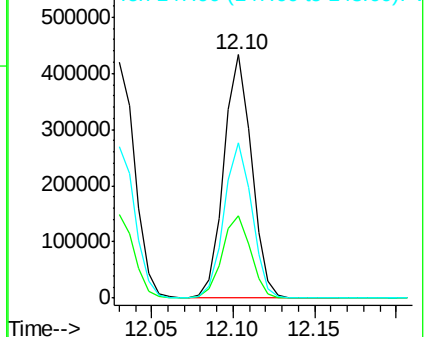
146 100

111 34.9 17.3 52.0

148 63.9 32.3 96.9



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: 59.54 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

BFB

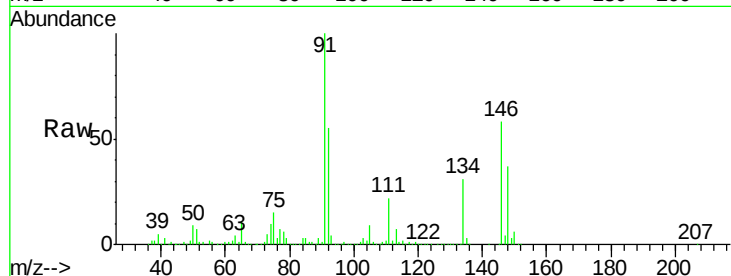
Tgt Ion: 91 Resp: 813989

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.9

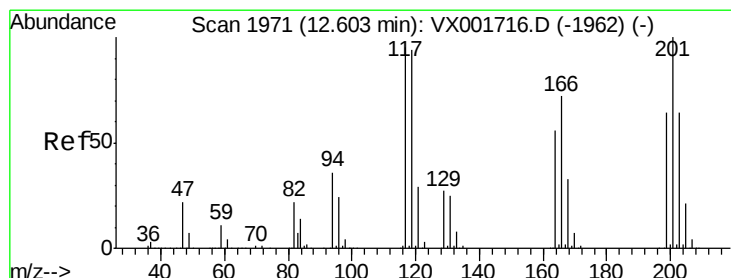
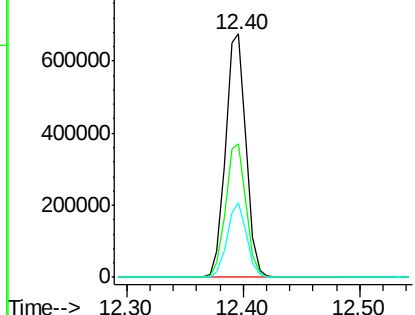
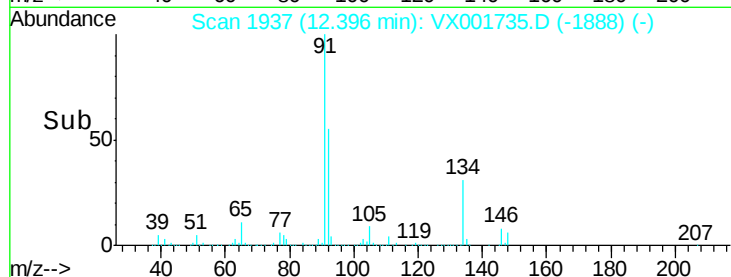
134 29.4 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX001735.D (-1888) (-)

Ion 92.00 (91.70 to 92.70): VX001735.D (-1888) (-)

Ion 134.00 (133.70 to 134.70): VX001735.D (-1888) (-)



#90

Hexachloroethane

Concen: 59.80 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001735.D

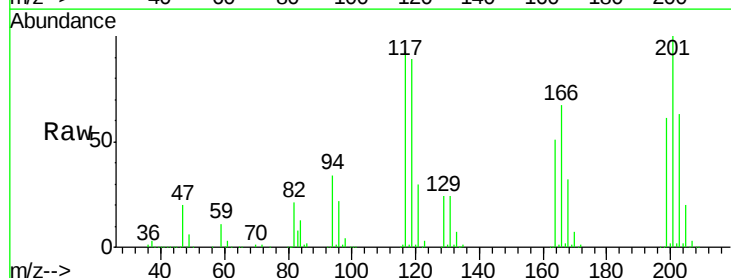
Acq: 15 May 2018 10:12

Tgt Ion: 117 Resp: 146798

Ion Ratio Lower Upper

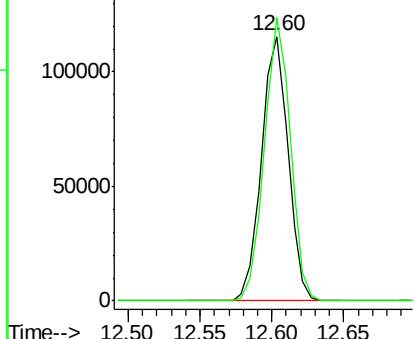
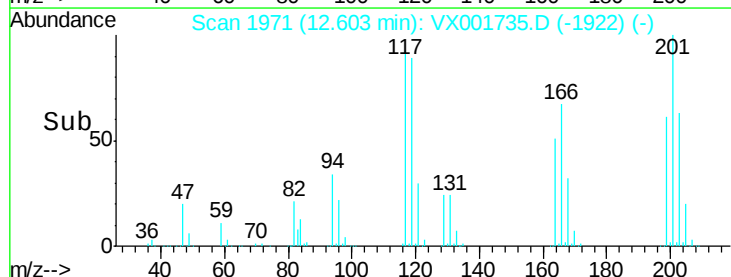
117 100

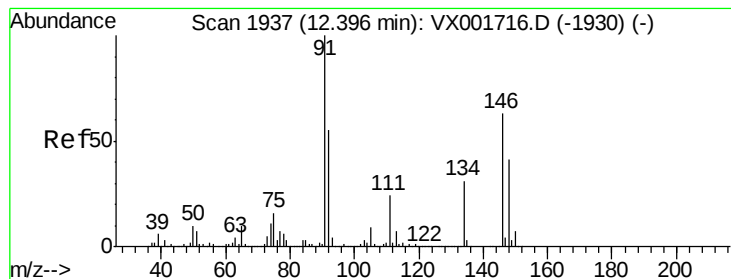
201 104.7 51.9 155.7



Abundance Ion 116.80 (116.50 to 117.50): VX001735.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX001735.D (-1922) (-)





#91

1,2-Dichlorobenzene

Concen: 54.01 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

BFB

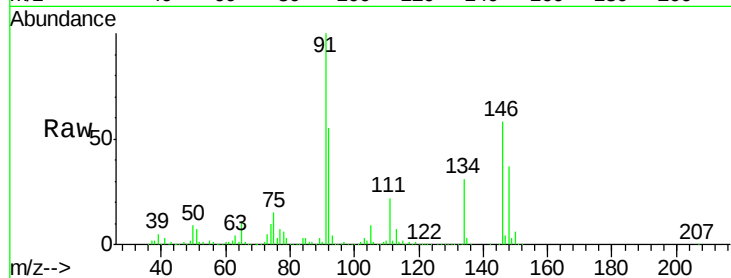
Tgt Ion:146 Resp: 495727

Ion Ratio Lower Upper

146 100

111 37.1 18.6 56.0

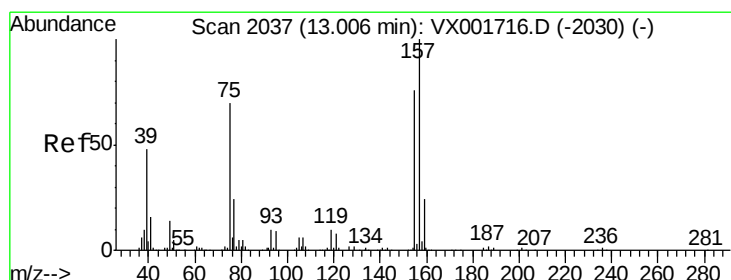
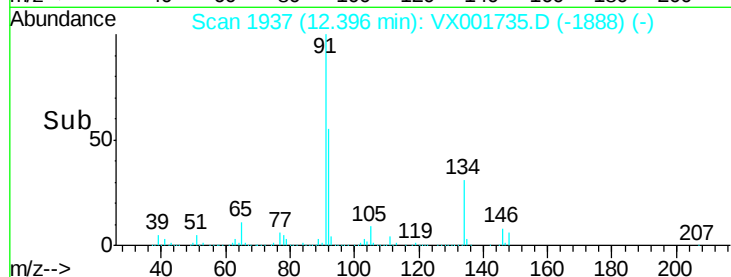
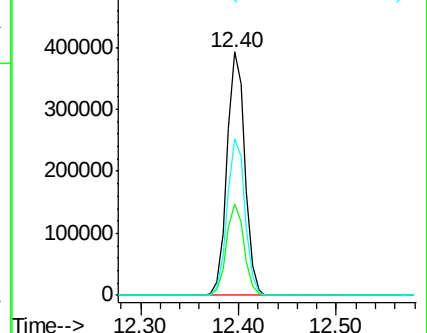
148 64.3 32.4 97.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.41 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

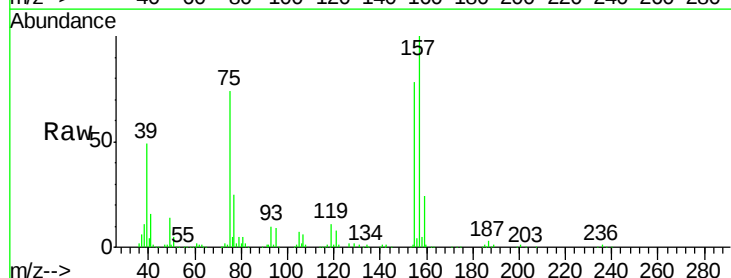
Tgt Ion: 75 Resp: 59053

Ion Ratio Lower Upper

75 100

155 110.2 53.9 161.8

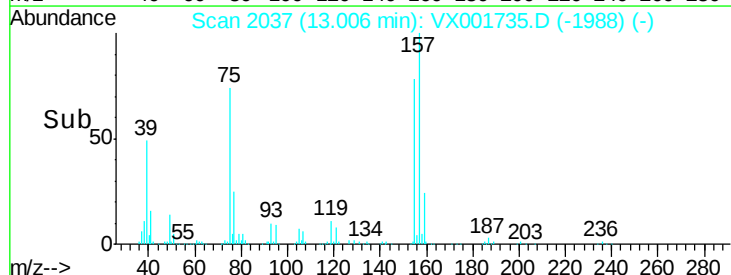
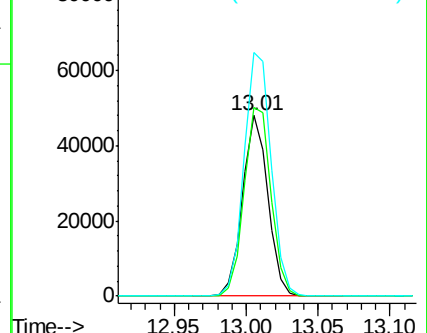
157 142.6 71.0 213.2

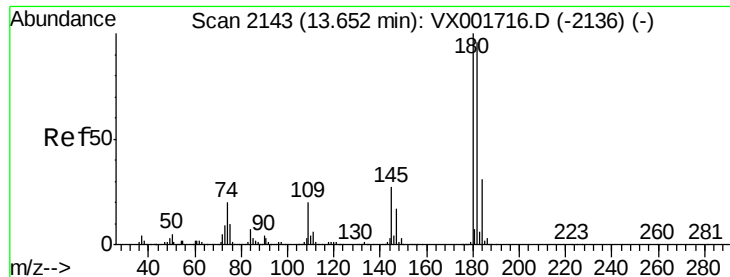


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

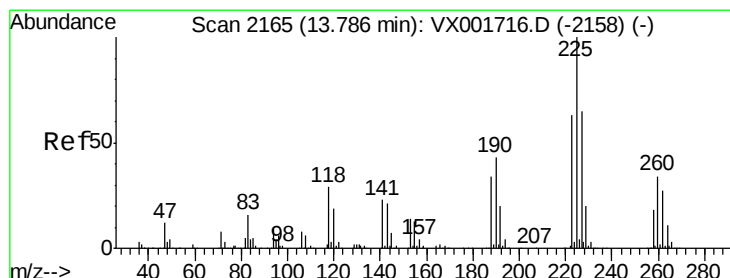
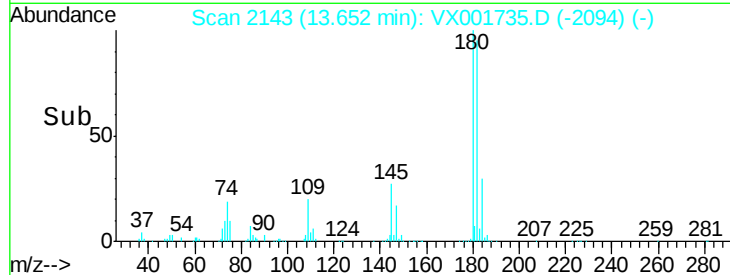
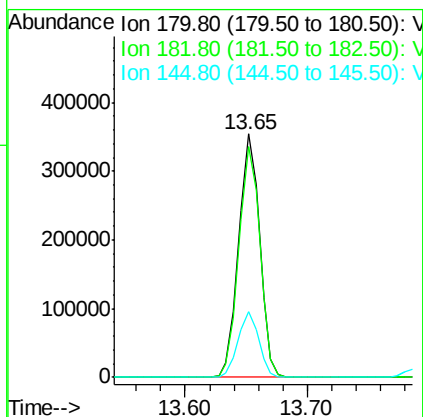
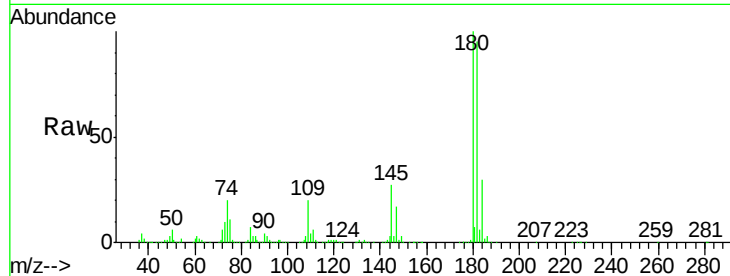




#93
 1,2,4-Trichlorobenzene
 Concen: 57.20 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

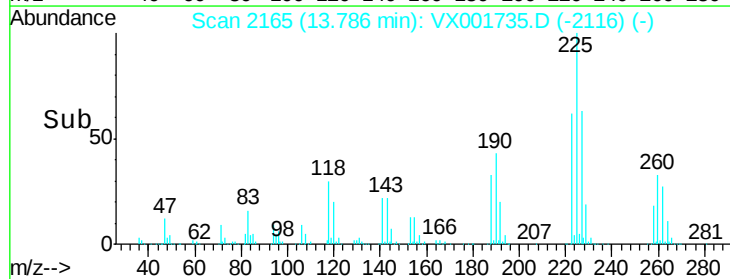
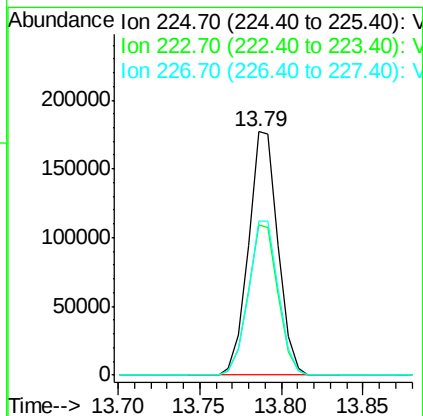
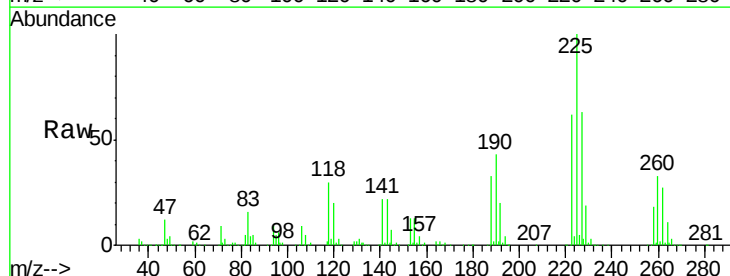
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

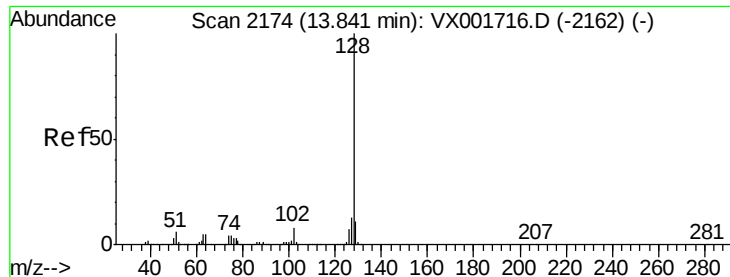
Tgt Ion:180 Resp: 418486
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.6 142.9
 145 26.8 13.4 40.1



#94
 Hexachlorobutadiene
 Concen: 56.81 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001735.D
 Acq: 15 May 2018 10:12

Tgt Ion:225 Resp: 223132
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.1 93.5
 227 64.1 31.9 95.5





#95

Naphthalene

Concen: 55.90 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

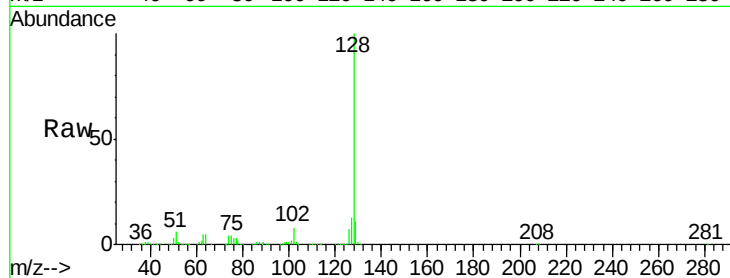
Tgt Ion:128 Resp: 1063060

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

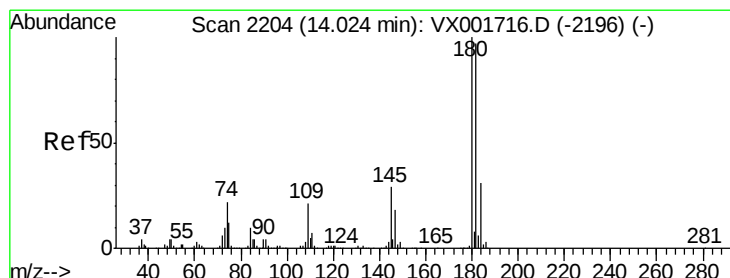
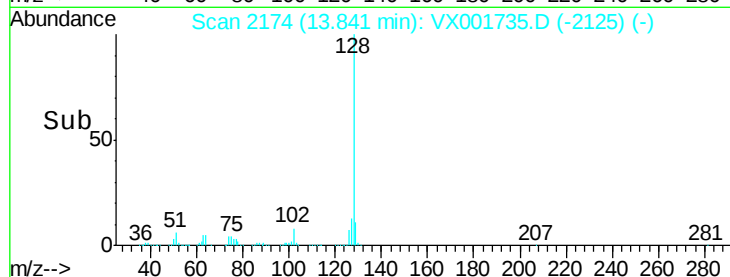
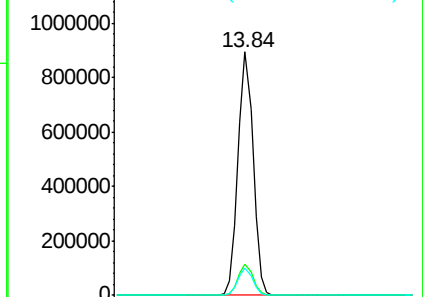
129 11.0 8.9 13.3



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: 55.76 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001735.D

Acq: 15 May 2018 10:12

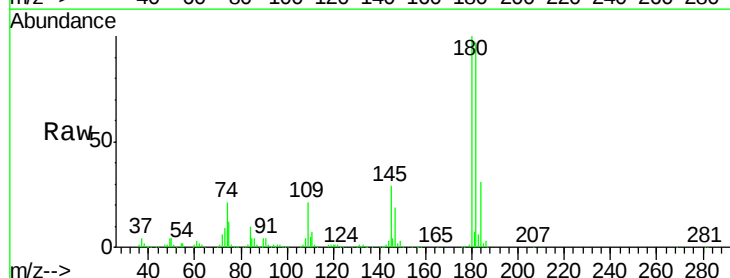
Tgt Ion:180 Resp: 410771

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.7

145 28.4 14.2 42.8



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

