

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX040419\
 Data File : VX008624.D
 Acq On : 04 Apr 2019 09:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Apr 05 07:01:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	210278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	343282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	309357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149959	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	154714	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
35) Dibromofluoromethane	5.49	113	115691	52.71	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	8.71	98	468689	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
62) 4-Bromofluorobenzene	11.13	95	175764	56.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	131494	54.326	ug/l	98
3) Chloromethane	1.32	50	173574	58.811	ug/l	99
4) Vinyl Chloride	1.41	62	169787	51.890	ug/l	98
5) Bromomethane	1.64	94	78423	48.705	ug/l	100
6) Chloroethane	1.71	64	100212	56.471	ug/l	97
7) Trichlorofluoromethane	1.92	101	192449	53.207	ug/l	99
8) Diethyl Ether	2.18	74	89364	52.100	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119018	51.109	ug/l	98
10) Methyl Iodide	2.51	142	119668	55.909	ug/l	99
11) Tert butyl alcohol	3.05	59	184333	256.721	ug/l	100
12) 1,1-Dichloroethene	2.37	96	120667	49.637	ug/l	97
13) Acrolein	2.29	56	92824	260.715	ug/l	99
14) Allyl chloride	2.72	41	293977	52.825	ug/l	100
15) Acrylonitrile	3.14	53	472972	248.647	ug/l	100
16) Acetone	2.44	43	485323	274.734	ug/l	99
17) Carbon Disulfide	2.57	76	384630	54.862	ug/l	99
18) Methyl Acetate	2.77	43	206033	48.090	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	461771	53.189	ug/l	100
20) Methylene Chloride	2.85	84	149811	50.664	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	135017	51.347	ug/l	95
22) Diisopropyl ether	3.85	45	565214	52.694	ug/l	99
23) Vinyl Acetate	3.81	43	2492283	267.091	ug/l	99
24) 1,1-Dichloroethane	3.69	63	279527	52.634	ug/l	99
25) 2-Butanone	4.67	43	745029	266.841	ug/l	100
26) 2,2-Dichloropropane	4.58	77	205508	54.942	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	154895	51.235	ug/l	100
28) Bromochloromethane	5.01	49	131191	59.726	ug/l	98
29) Tetrahydrofuran	5.12	42	448084	241.798	ug/l	100
30) Chloroform	5.21	83	249162	52.529	ug/l	100
31) Cyclohexane	5.57	56	276929	52.259	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	206509	53.875	ug/l	100
36) 1,1-Dichloropropene	5.79	75	201536	53.708	ug/l	100
37) Ethyl Acetate	4.83	43	262532	52.415	ug/l	100
38) Carbon Tetrachloride	5.78	117	172569	55.565	ug/l	97

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 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	255096	55.031	ug/l	99
40) Benzene	6.13	78	601699	53.825	ug/l	99
41) Methacrylonitrile	5.04	41	151271	52.542	ug/l	99
42) 1,2-Dichloroethane	6.19	62	211325	52.730	ug/l	100
43) Isopropyl Acetate	6.44	43	422932	53.903	ug/l	100
44) Trichloroethene	7.21	130	141644	54.402	ug/l	98
45) 1,2-Dichloropropane	7.51	63	170608	53.470	ug/l	99
46) Dibromomethane	7.66	93	96430	52.108	ug/l	99
47) Bromodichloromethane	7.89	83	196845	56.415	ug/l	99
48) Methyl methacrylate	7.76	41	216310	54.500	ug/l	100
49) 1,4-Dioxane	7.74	88	79981	1075.737	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1382753	273.767	ug/l	100
52) Toluene	8.78	92	360466	54.694	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	228336	58.420	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	255183	57.138	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	143685	54.313	ug/l	98
56) Ethyl methacrylate	9.18	69	271865	56.798	ug/l	100
57) 1,3-Dichloropropane	9.37	76	258233	54.360	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	559911	229.087	ug/l	100
59) 2-Hexanone	9.49	43	1103103	281.028	ug/l	100
60) Dibromochloromethane	9.58	129	143189	57.439	ug/l	99
61) 1,2-Dibromoethane	9.67	107	149052	54.121	ug/l	99
64) Tetrachloroethene	9.34	164	122488	53.441	ug/l	99
65) Chlorobenzene	10.13	112	369384	53.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	130659	54.312	ug/l	99
67) Ethyl Benzene	10.25	91	701376	54.851	ug/l	98
68) m/p-Xylenes	10.35	106	509411	110.799	ug/l	100
69) o-Xylene	10.69	106	248299	55.728	ug/l	99
70) Styrene	10.71	104	437775	56.999	ug/l	99
71) Bromoform	10.85	173	107618	58.572	ug/l #	97
73) Isopropylbenzene	11.02	105	655214	52.723	ug/l	99
74) N-amyl acetate	10.90	43	380241	52.005	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	234282	49.569	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	281006	68.213	ug/l	81
77) Bromobenzene	11.25	156	158081	52.913	ug/l	100
78) n-propylbenzene	11.36	91	787309	54.409	ug/l	100
79) 2-Chlorotoluene	11.42	91	461980	52.757	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	564731	54.135	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	83635	55.964	ug/l	99
82) 4-Chlorotoluene	11.51	91	538216	53.098	ug/l	99
83) tert-Butylbenzene	11.77	119	538254	53.631	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	569388	53.904	ug/l	99
85) sec-Butylbenzene	11.94	105	651707	54.668	ug/l	100
86) p-Isopropyltoluene	12.06	119	592101	55.337	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	286657	53.596	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	285576	52.729	ug/l	99
89) n-Butylbenzene	12.38	91	571528	56.956	ug/l	100
90) Hexachloroethane	12.59	117	100921	56.867	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	280155	52.756	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51504	49.536	ug/l	98

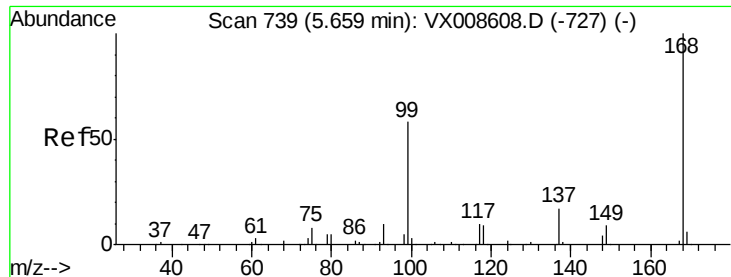
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
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QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	200163	54.212	ug/l	99
94) Hexachlorobutadiene	13.78	225	97820	55.242	ug/l	99
95) Naphthalene	13.83	128	643252	52.126	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	195120	52.892	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

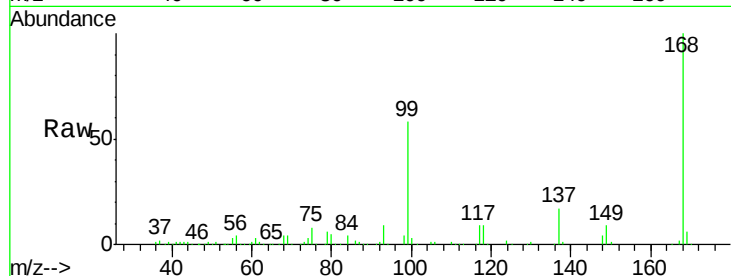
BFB

Tgt Ion:168 Resp: 210278

Ion Ratio Lower Upper

168 100

99 57.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

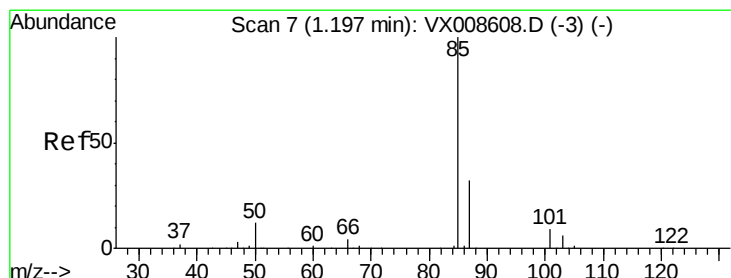
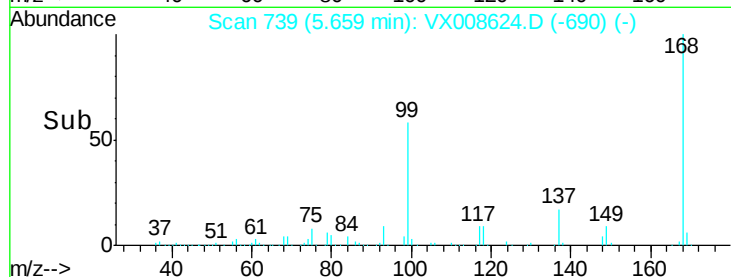
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 54.326 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008624.D

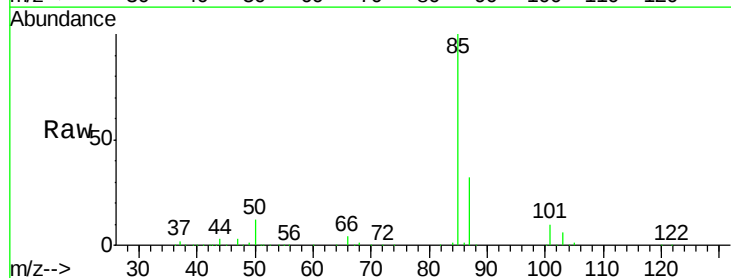
Acq: 04 Apr 2019 09:39

Tgt Ion: 85 Resp: 131494

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

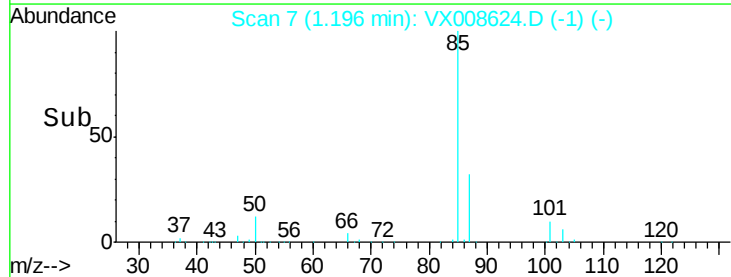
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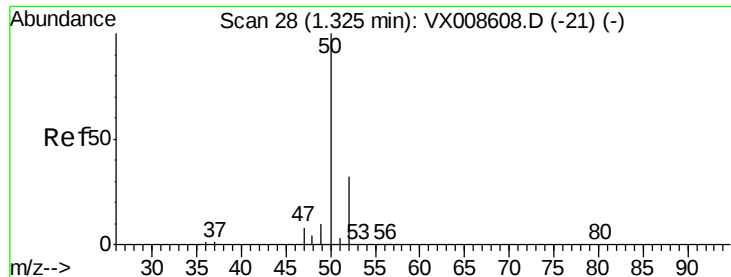
50000

0

Time-->

1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 58.811 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

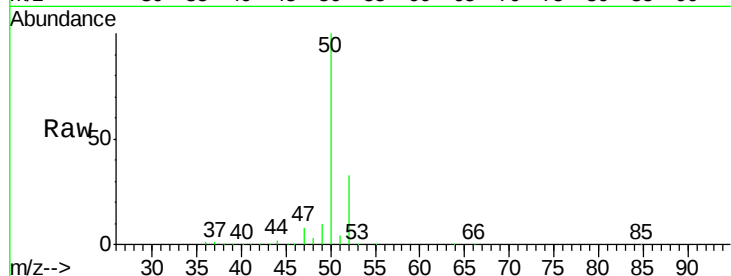
BFB

Tgt Ion: 50 Resp: 173574

Ion Ratio Lower Upper

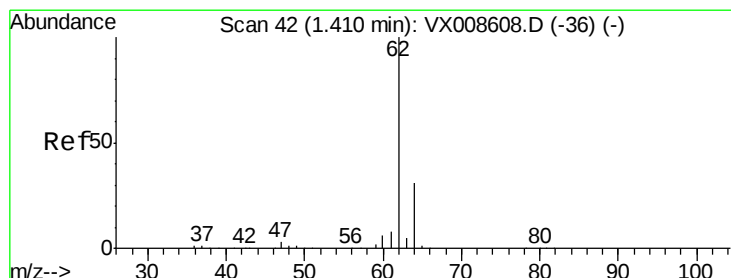
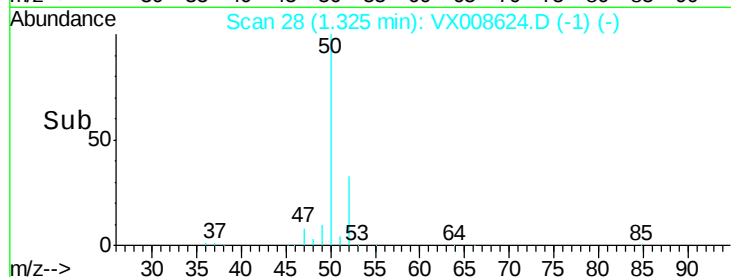
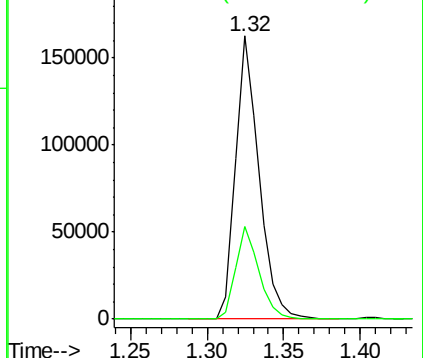
50 100

52 32.7 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.890 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008624.D

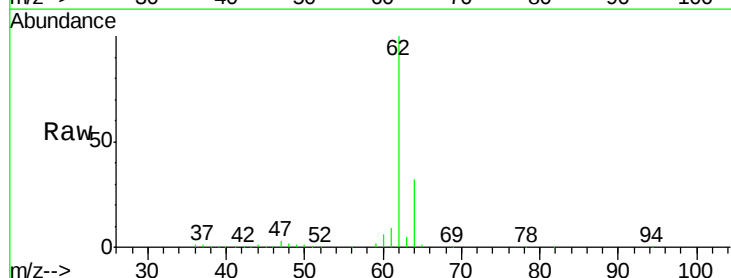
Acq: 04 Apr 2019 09:39

Tgt Ion: 62 Resp: 169787

Ion Ratio Lower Upper

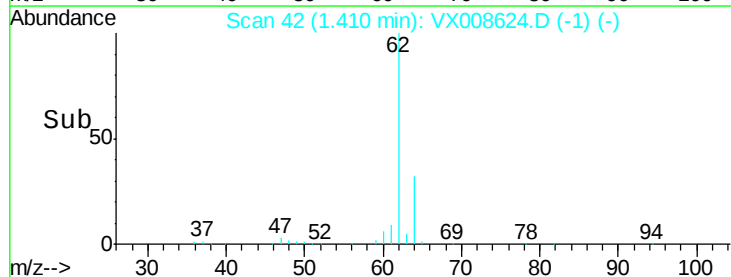
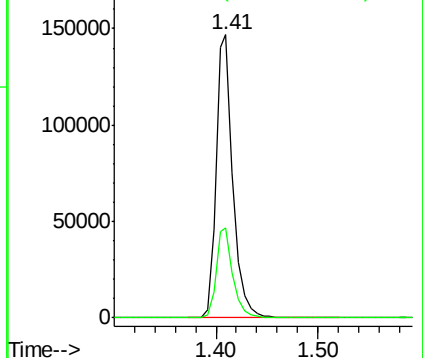
62 100

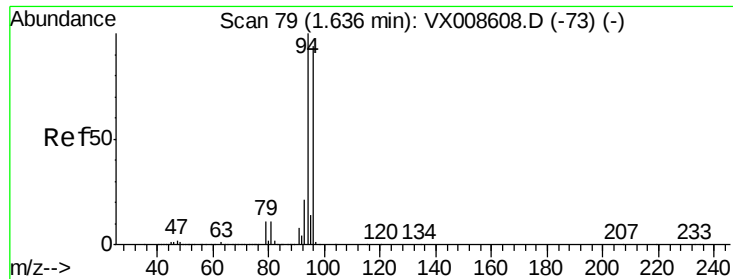
64 31.8 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.705 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

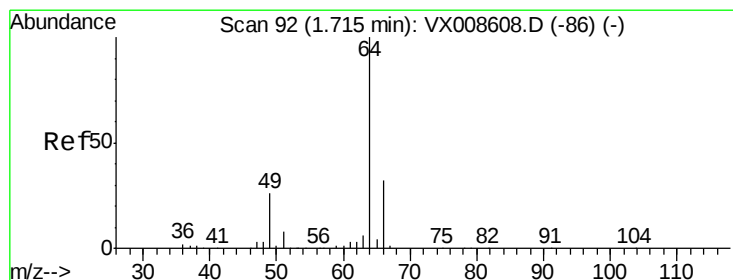
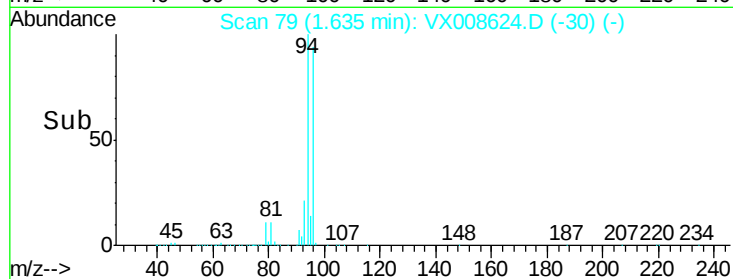
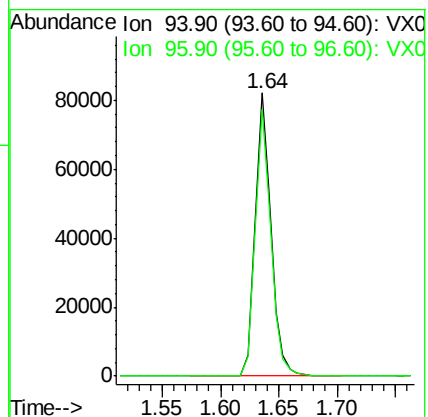
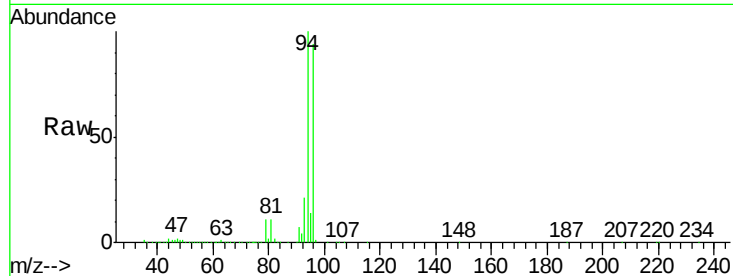
BFB

Tgt Ion: 94 Resp: 78423

Ion Ratio Lower Upper

94 100

96 94.3 75.2 112.8



#6

Chloroethane

Concen: 56.471 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008624.D

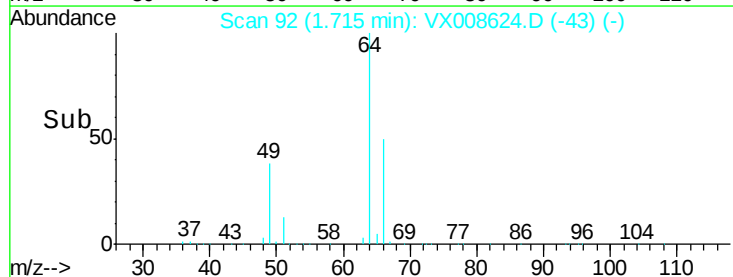
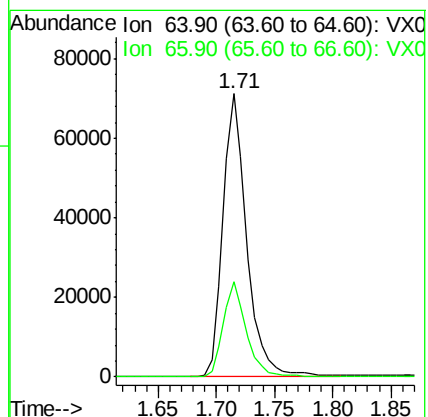
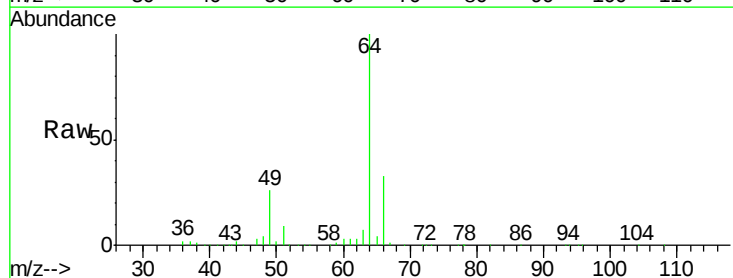
Acq: 04 Apr 2019 09:39

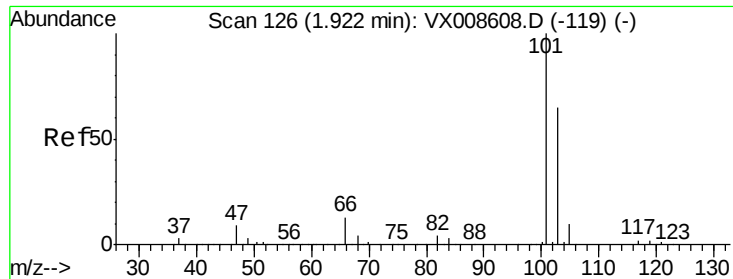
Tgt Ion: 64 Resp: 100212

Ion Ratio Lower Upper

64 100

66 33.4 25.4 38.0



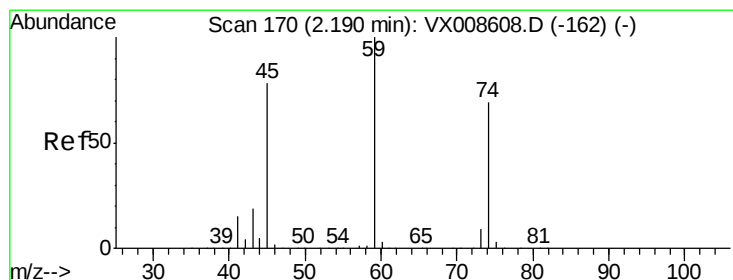
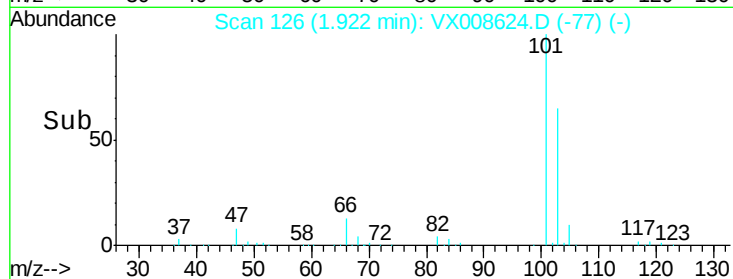
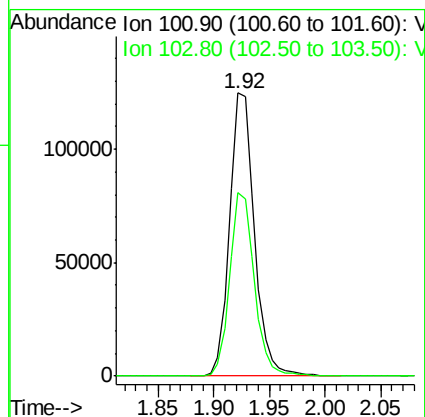
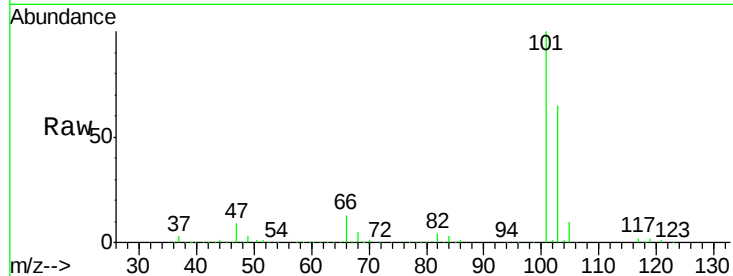


#7

Trichlorofluoromethane
Concen: 53.207 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampled :
BFB

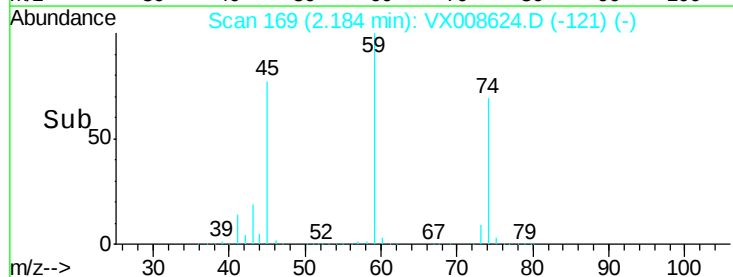
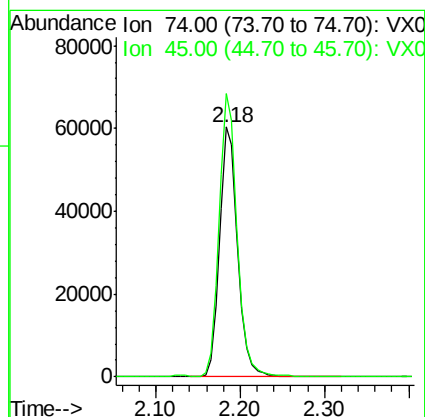
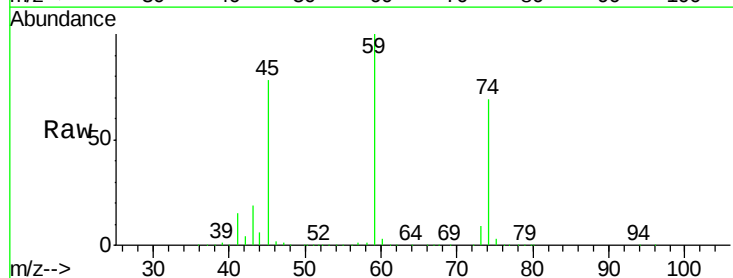
Tgt Ion: 101 Resp: 192449
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5

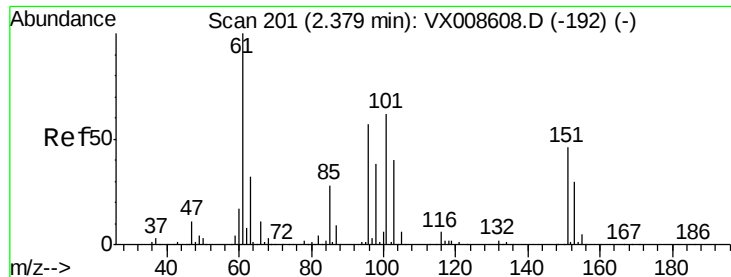


#8

Diethyl Ether
Concen: 52.100 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion: 74 Resp: 89364
Ion Ratio Lower Upper
74 100
45 113.0 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.109 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

BFB

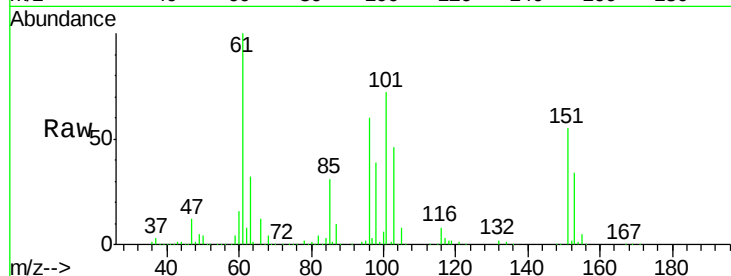
Tgt Ion:101 Resp: 119018

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

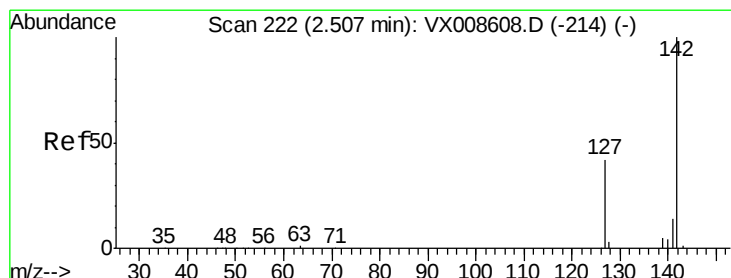
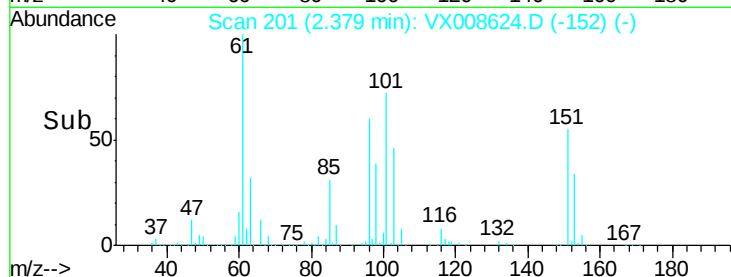
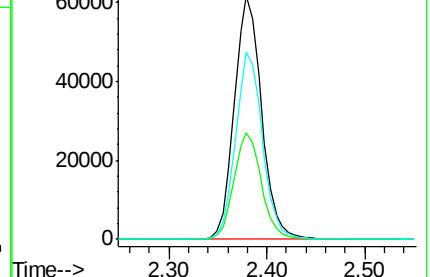
151 76.4 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.909 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

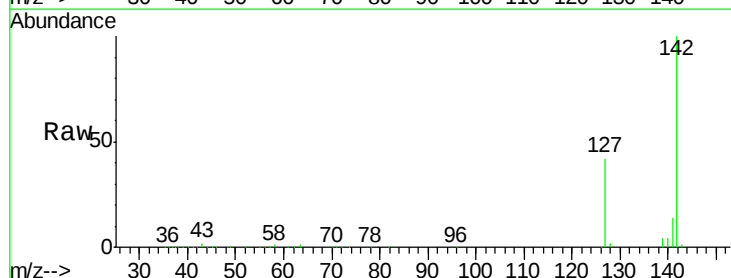
Tgt Ion:142 Resp: 119668

Ion Ratio Lower Upper

142 100

127 41.6 33.0 49.6

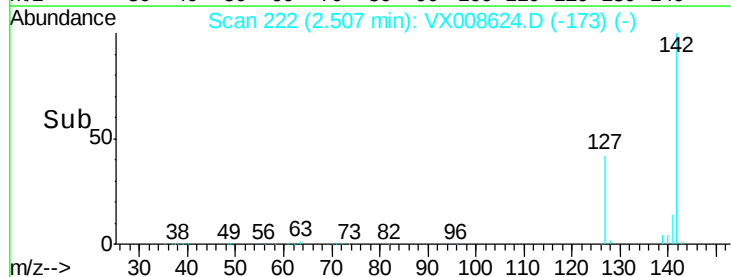
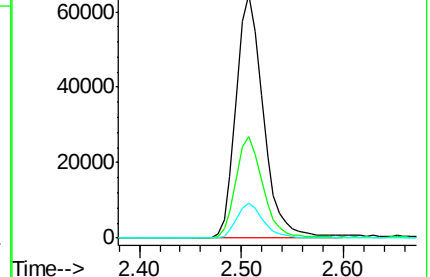
141 13.9 11.4 17.2

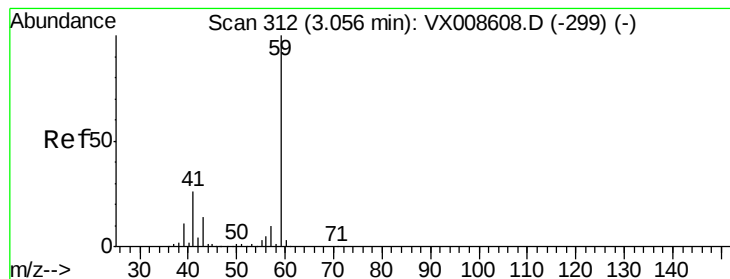


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



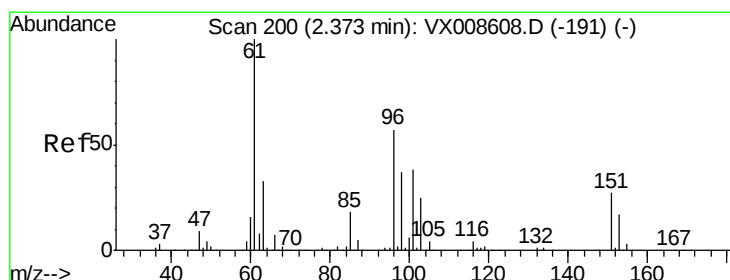
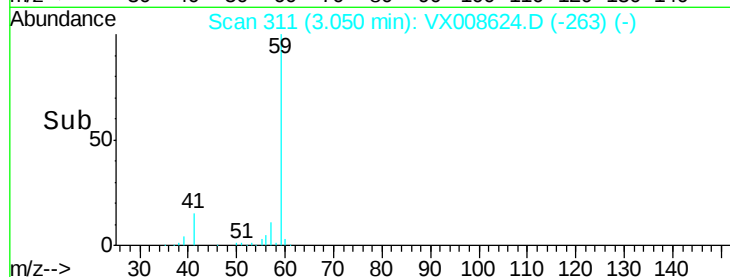
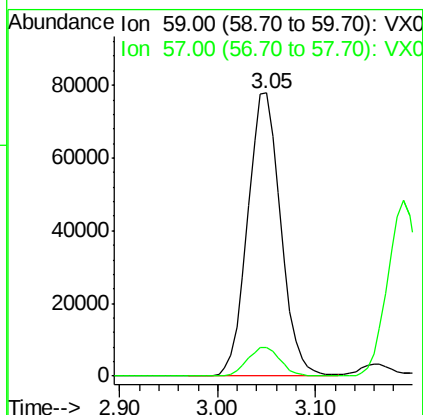
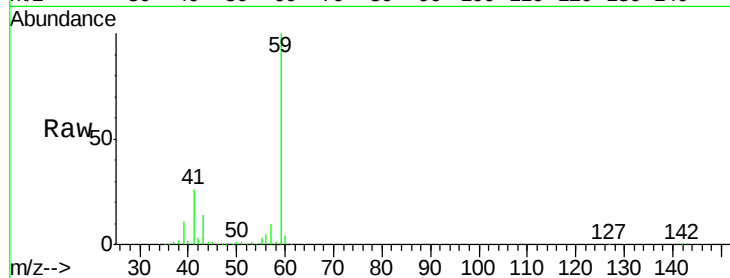


#11

Tert butyl alcohol
 Concen: 256.721 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

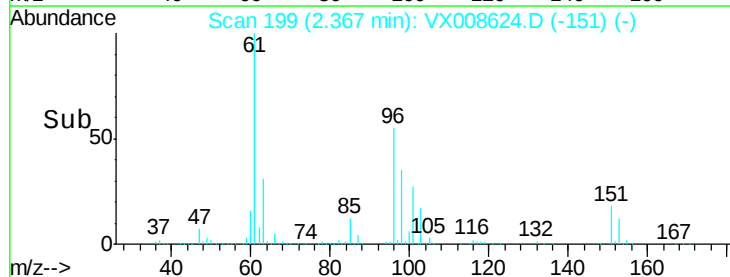
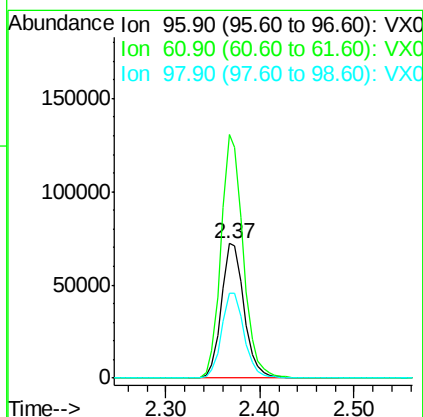
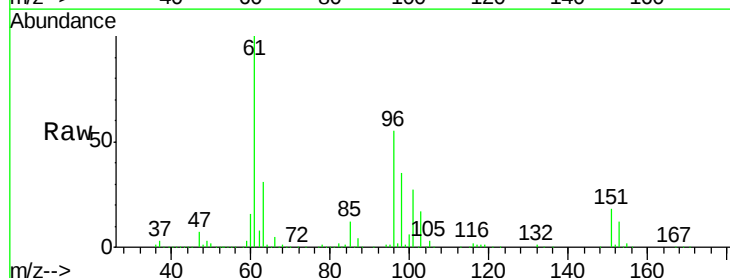
Tgt Ion: 59 Resp: 184333
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

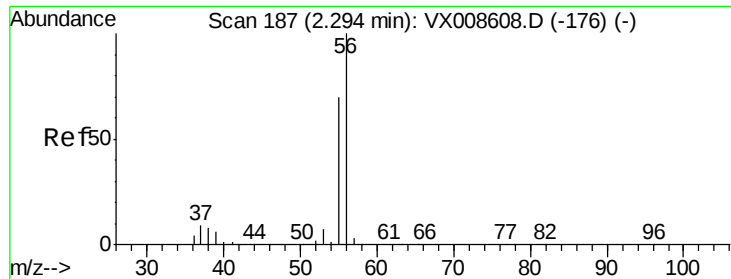


#12

1,1-Dichloroethene
 Concen: 49.637 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion: 96 Resp: 120667
 Ion Ratio Lower Upper
 96 100
 61 180.8 140.9 211.3
 98 62.8 52.1 78.1





#13

Acrolein

Concen: 260.715 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

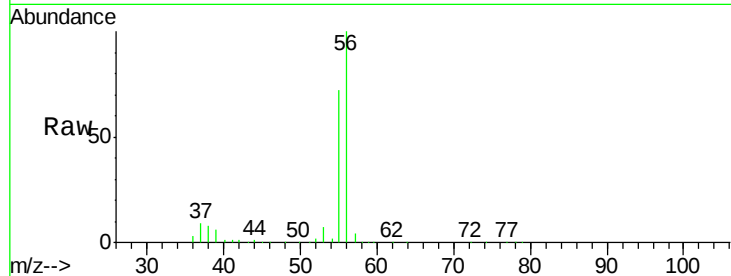
BFB

Tgt Ion: 56 Resp: 92824

Ion Ratio Lower Upper

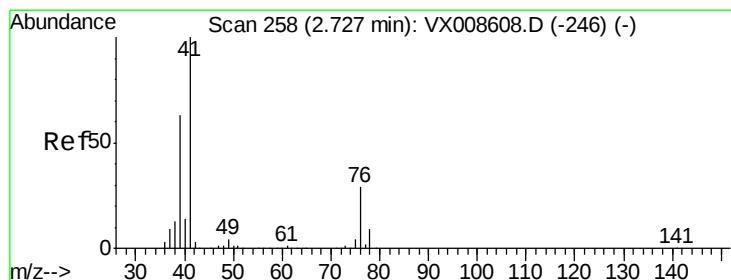
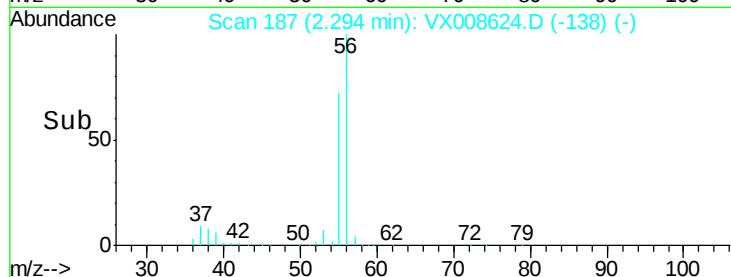
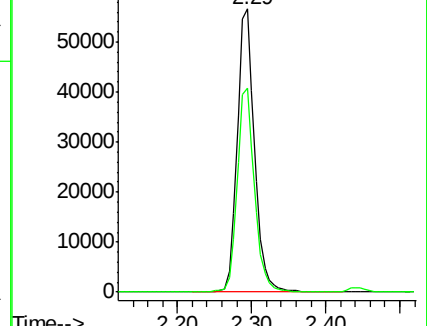
56 100

55 72.1 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.825 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

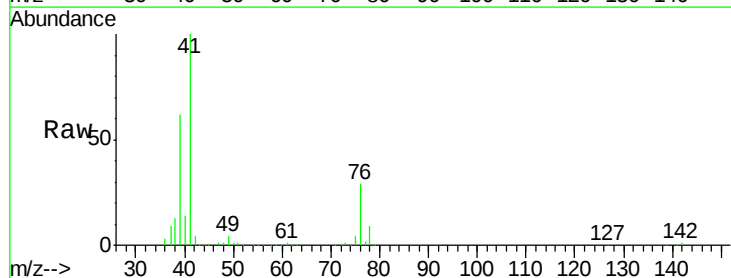
Tgt Ion: 41 Resp: 293977

Ion Ratio Lower Upper

41 100

39 59.5 48.0 72.0

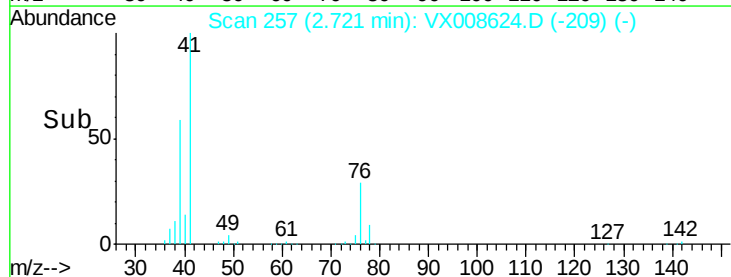
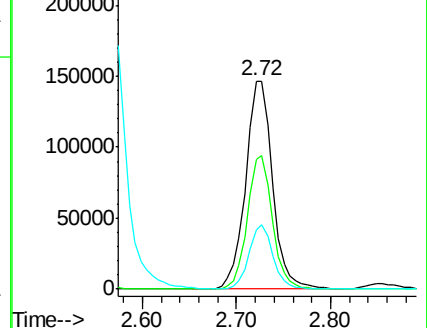
76 27.5 22.0 33.0

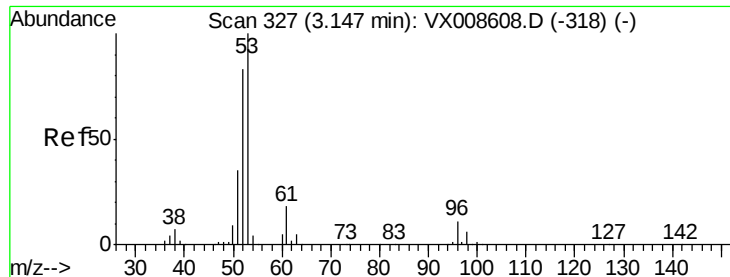


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 248.647 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

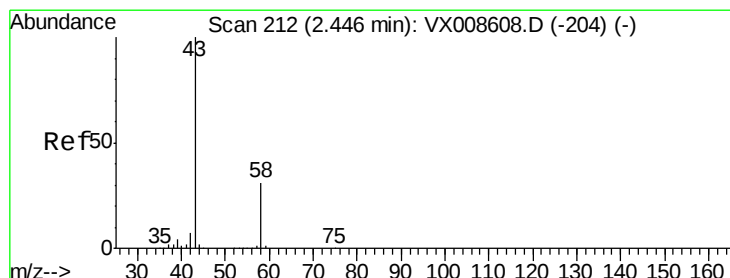
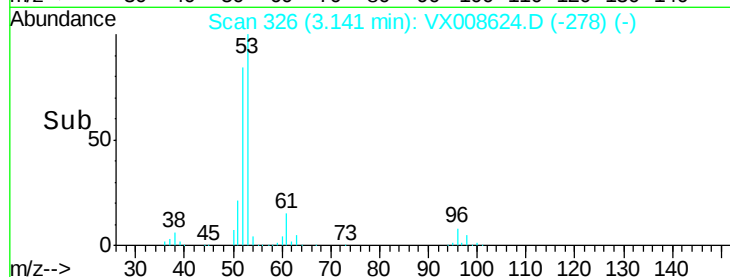
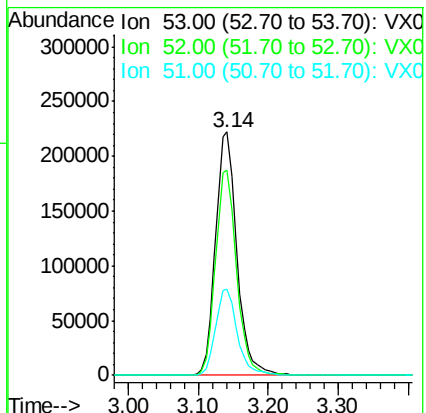
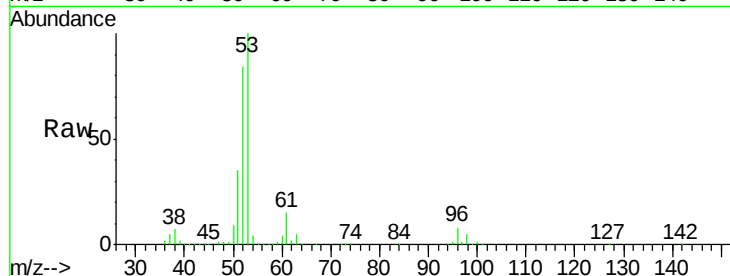
Tgt Ion: 53 Resp: 472972

Ion Ratio Lower Upper

53 100

52 83.2 66.5 99.7

51 35.6 28.6 42.8



#16

Acetone

Concen: 274.734 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008624.D

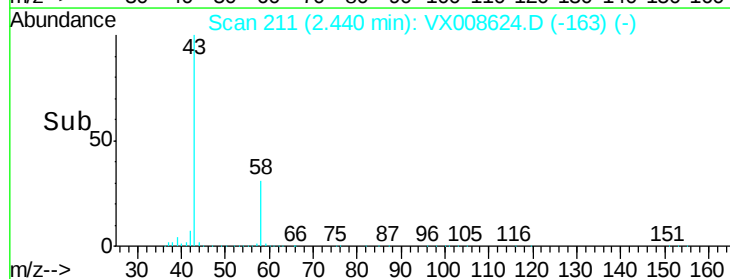
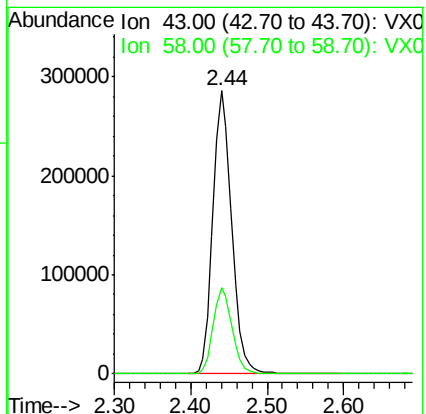
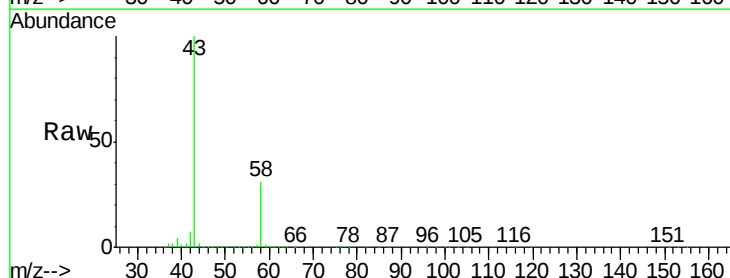
Acq: 04 Apr 2019 09:39

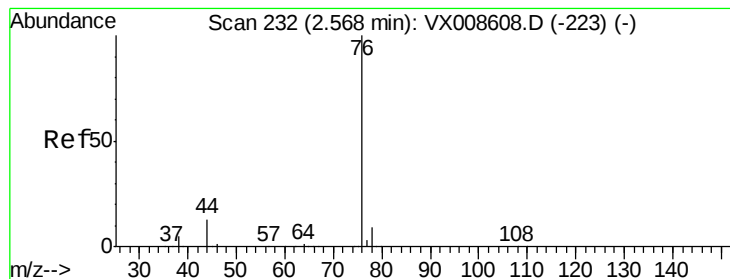
Tgt Ion: 43 Resp: 485323

Ion Ratio Lower Upper

43 100

58 30.7 24.8 37.2





#17

Carbon Disulfide

Concen: 54.862 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

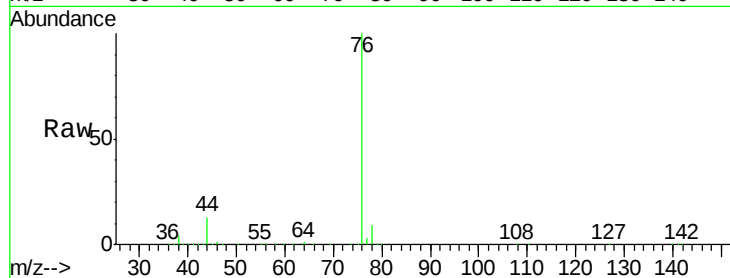
BFB

Tgt Ion: 76 Resp: 384630

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

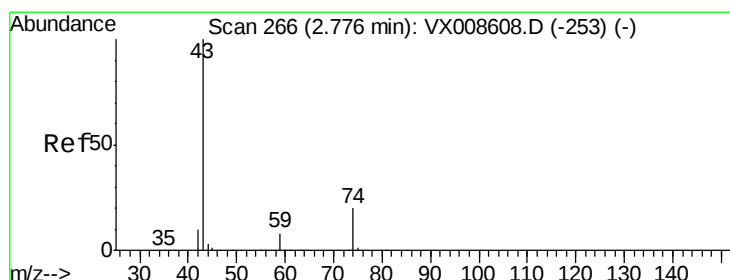
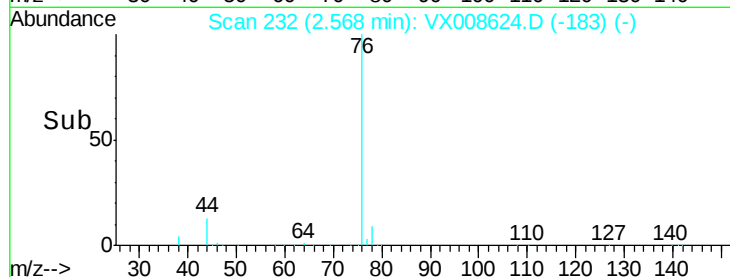
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 48.090 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008624.D

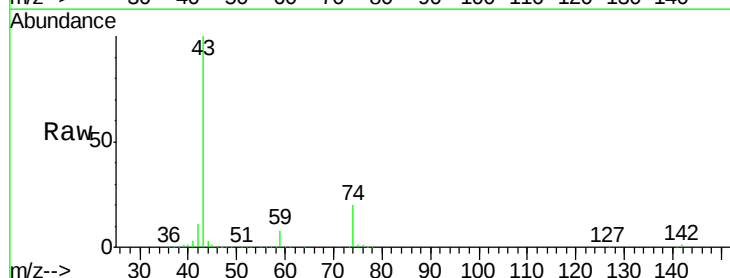
Acq: 04 Apr 2019 09:39

Tgt Ion: 43 Resp: 206033

Ion Ratio Lower Upper

43 100

74 20.4 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

40000

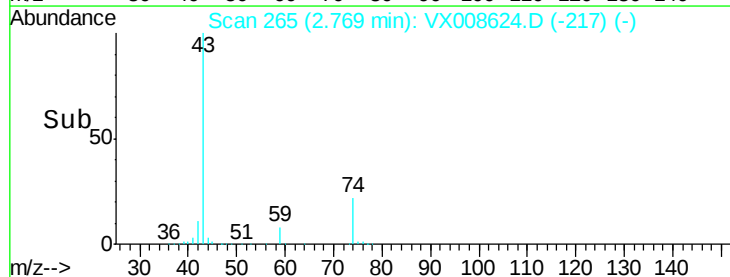
20000

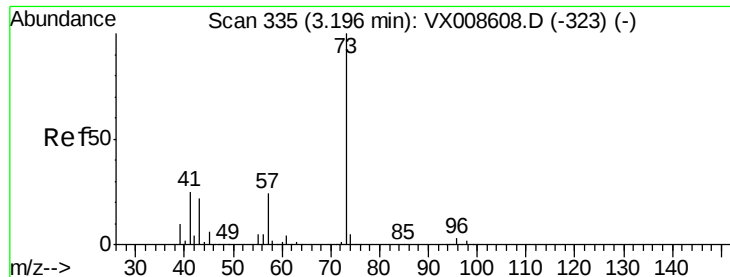
0

Time-->

2.70

2.80





#19

Methyl tert-butyl Ether

Concen: 53.189 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

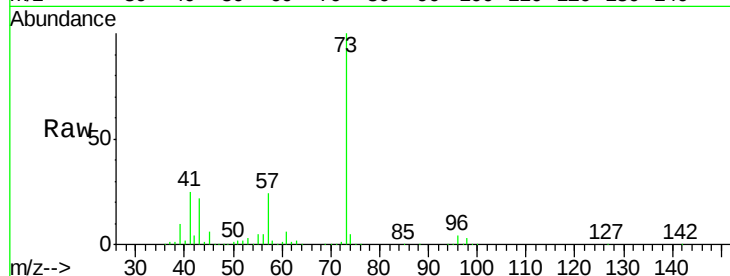
BFB

Tgt Ion: 73 Resp: 461771

Ion Ratio Lower Upper

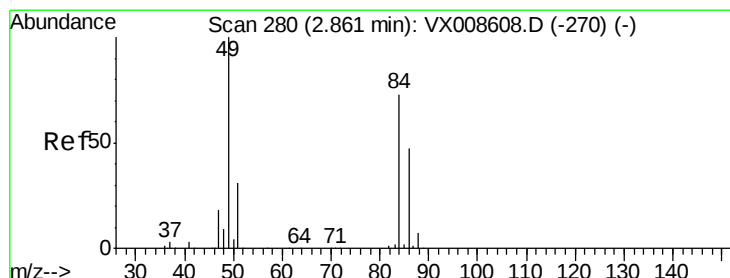
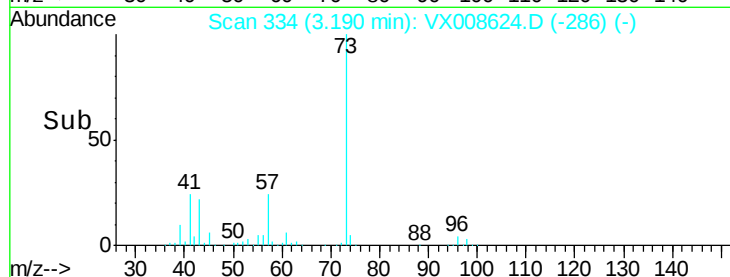
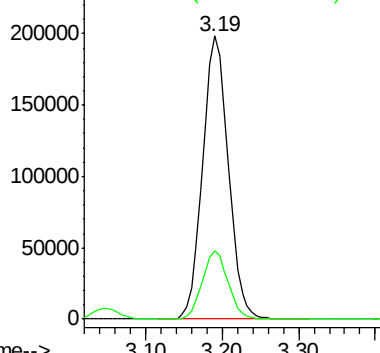
73 100

57 24.3 19.5 29.3



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 50.664 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Tgt Ion: 84 Resp: 149811

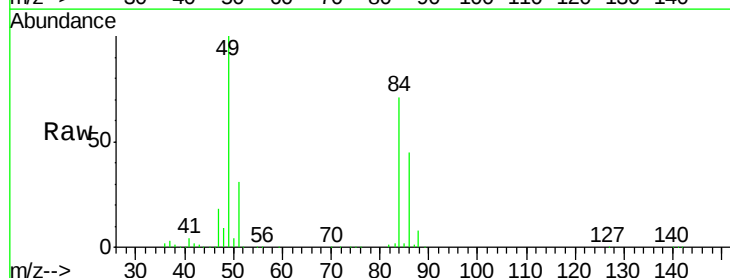
Ion Ratio Lower Upper

84 100

49 141.7 109.7 164.5

51 43.5 33.6 50.4

86 63.5 51.4 77.2

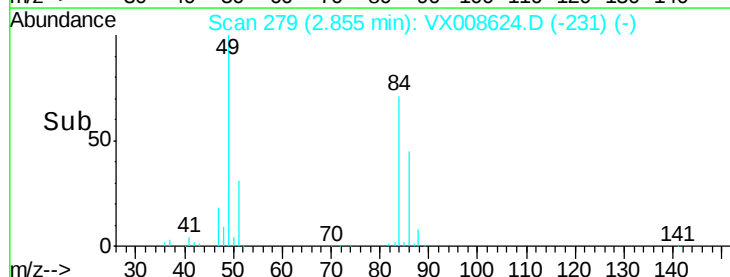
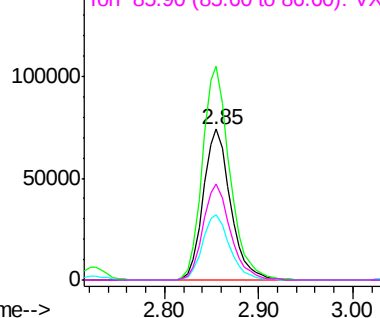


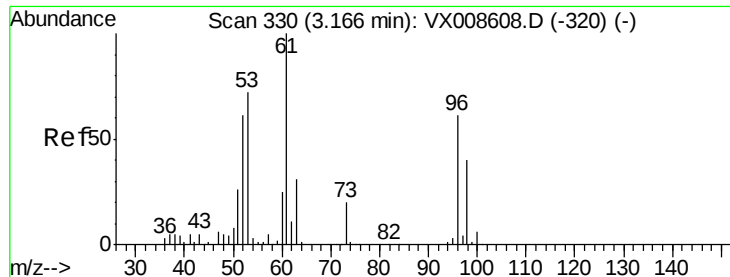
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 51.347 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

BFB

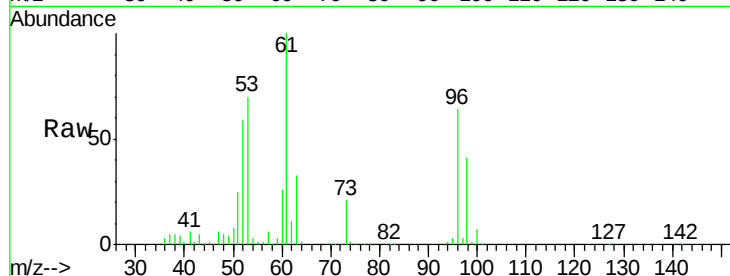
Tgt Ion: 96 Resp: 135017

Ion Ratio Lower Upper

96 100

61 157.3 132.1 198.1

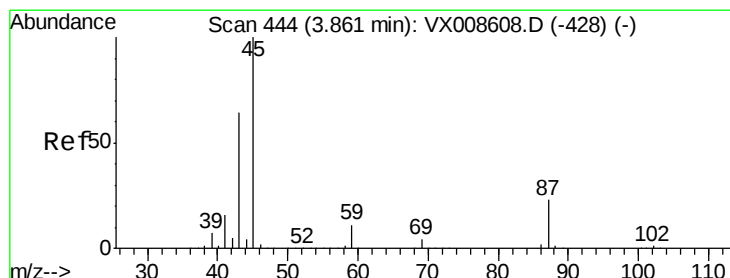
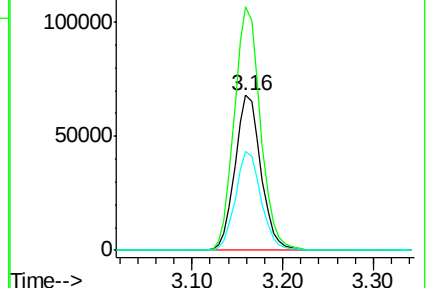
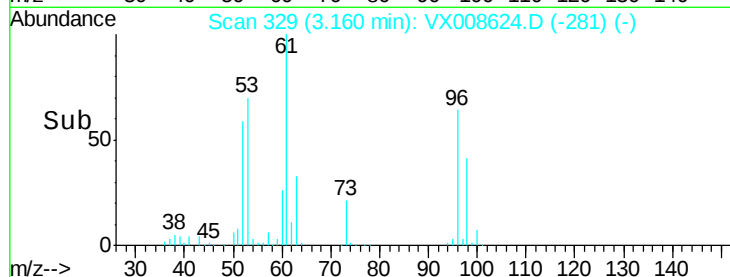
98 63.8 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.694 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Tgt Ion: 45 Resp: 565214

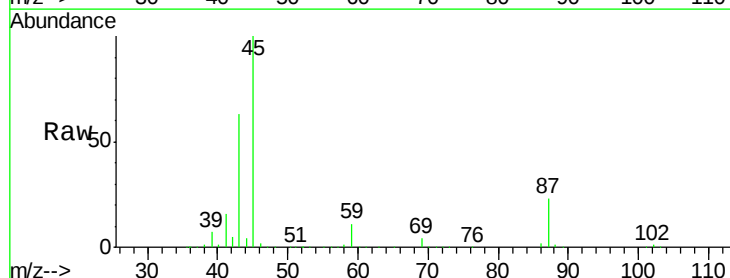
Ion Ratio Lower Upper

45 100

43 62.5 51.3 76.9

87 22.6 18.1 27.1

59 10.8 8.6 13.0

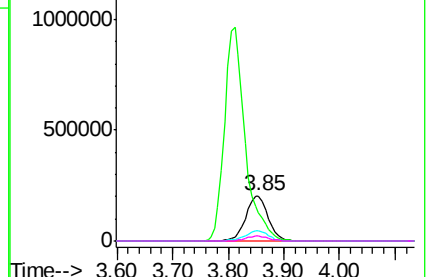
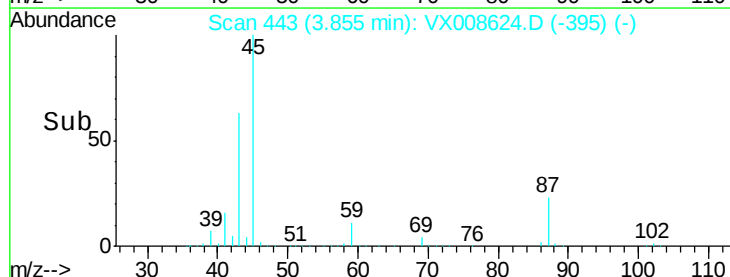


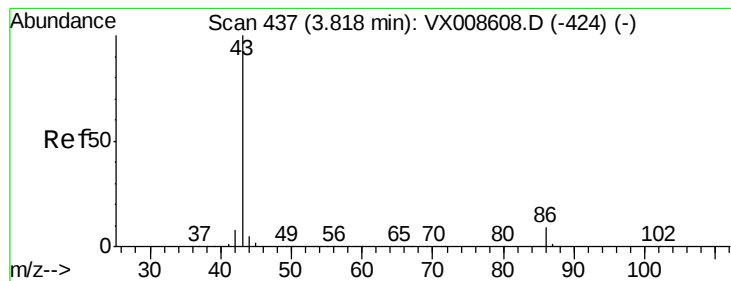
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 267.091 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

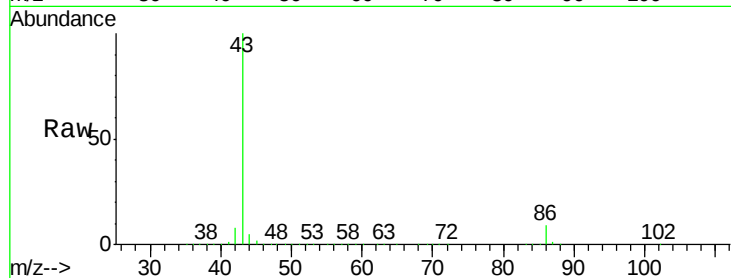
BFB

Tgt Ion: 43 Resp: 2492283

Ion Ratio Lower Upper

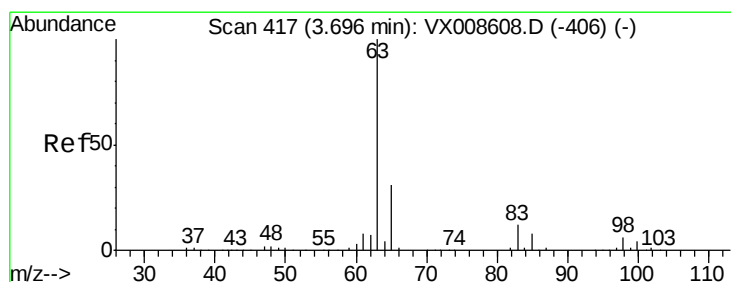
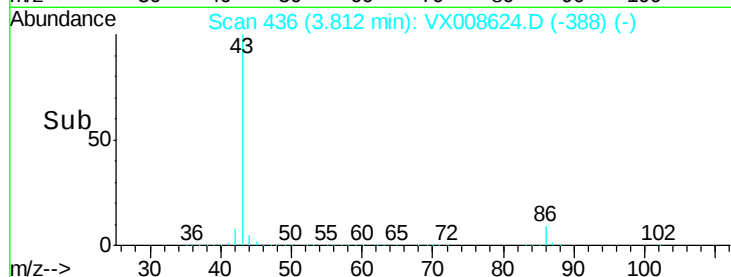
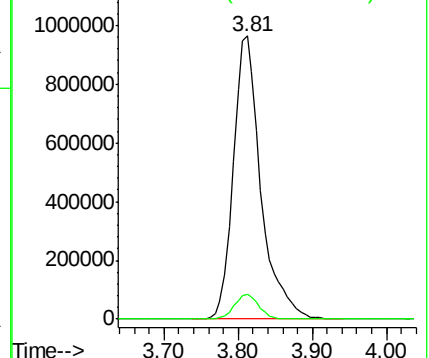
43 100

86 8.6 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.634 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

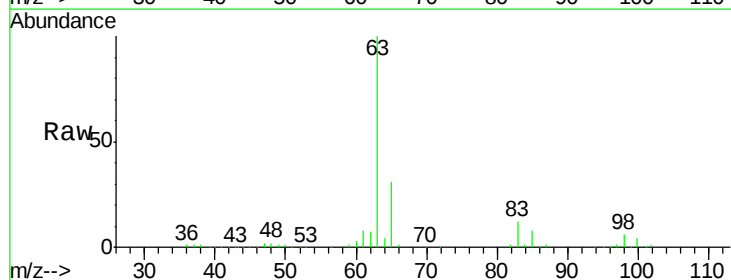
Tgt Ion: 63 Resp: 279527

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

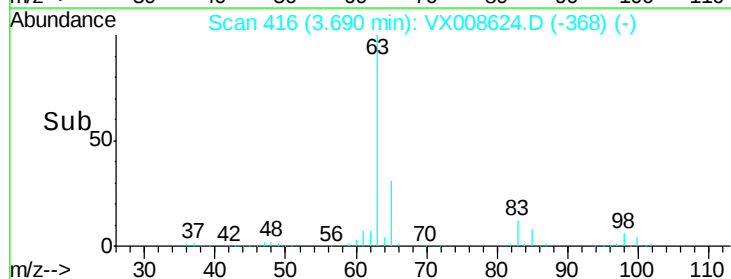
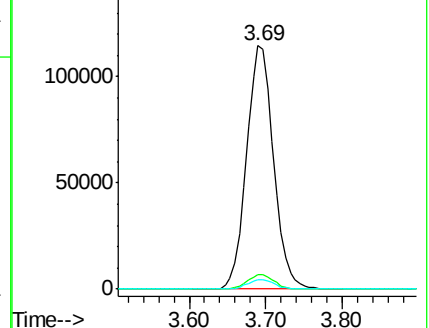
100 3.7 1.8 5.5

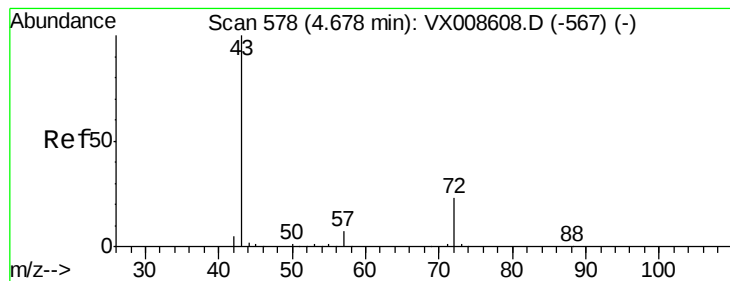


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 266.841 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

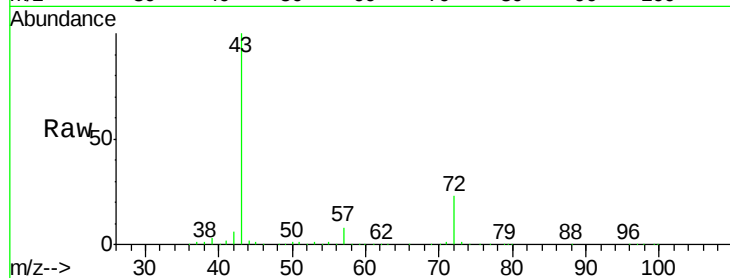
BFB

Tgt Ion: 43 Resp: 745029

Ion Ratio Lower Upper

43 100

72 22.7 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

250000

200000

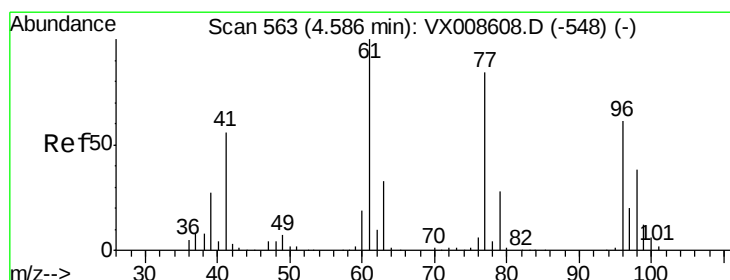
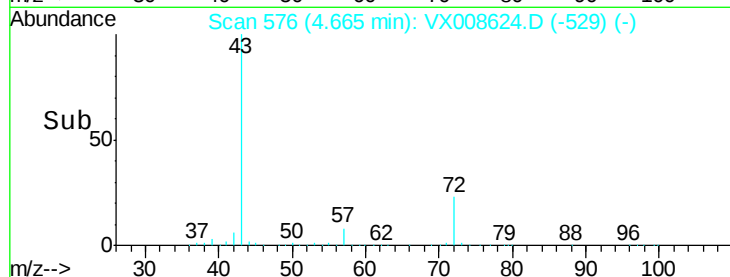
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 54.942 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008624.D

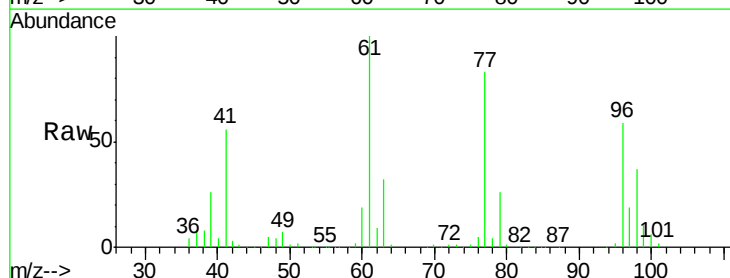
Acq: 04 Apr 2019 09:39

Tgt Ion: 77 Resp: 205508

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

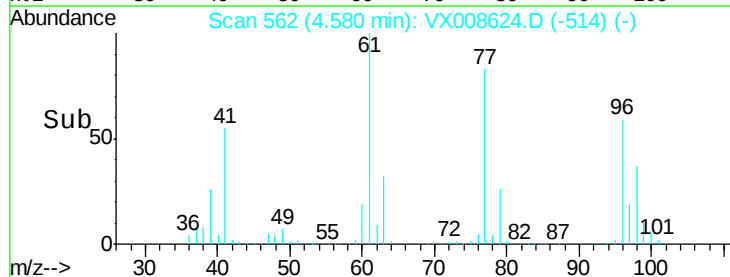
60000

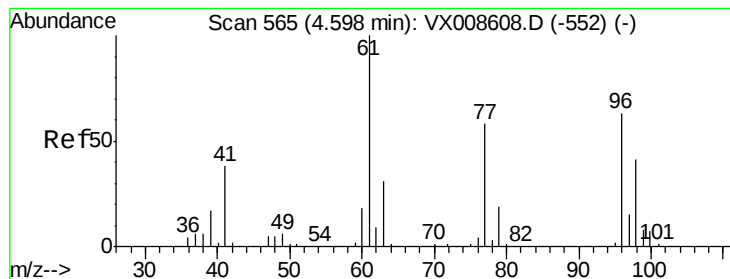
40000

20000

0

Time-->



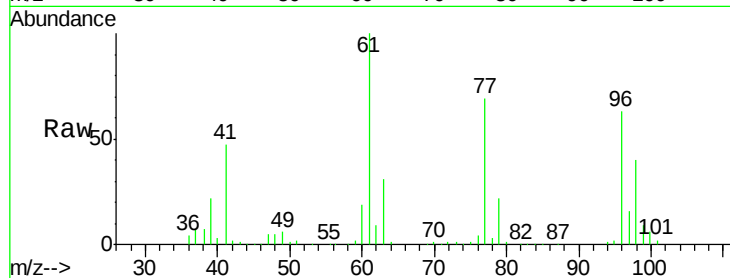


#27

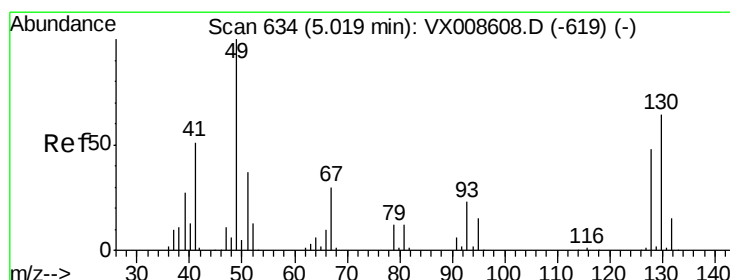
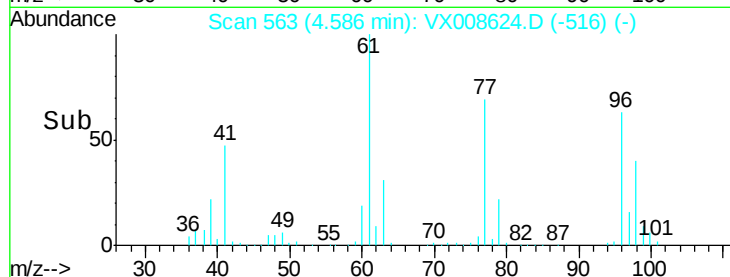
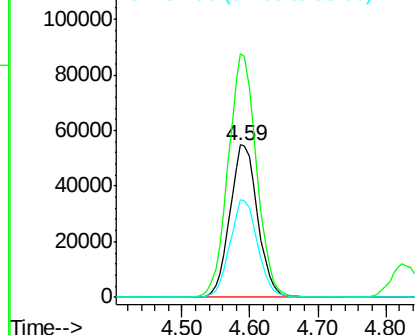
cis-1,2-Dichloroethene
Concen: 51.235 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion: 96 Resp: 154895
Ion Ratio Lower Upper
96 100
61 163.4 0.0 327.6
98 64.1 0.0 128.6



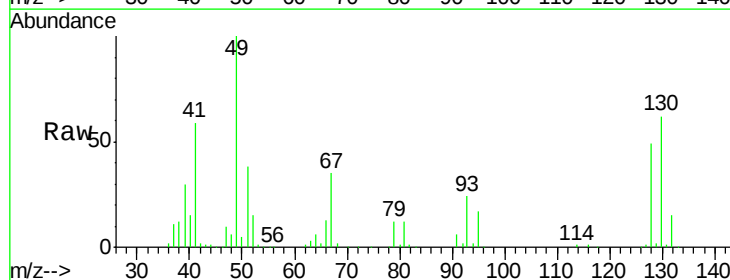
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



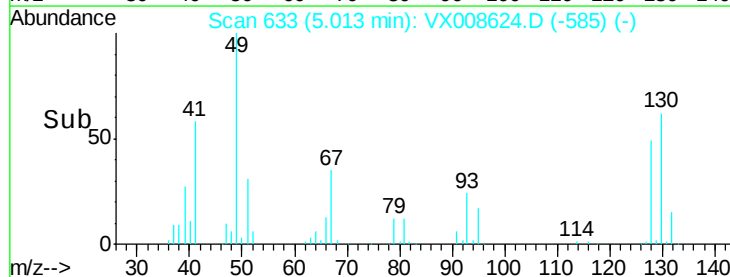
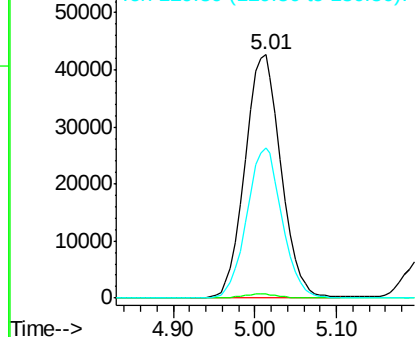
#28

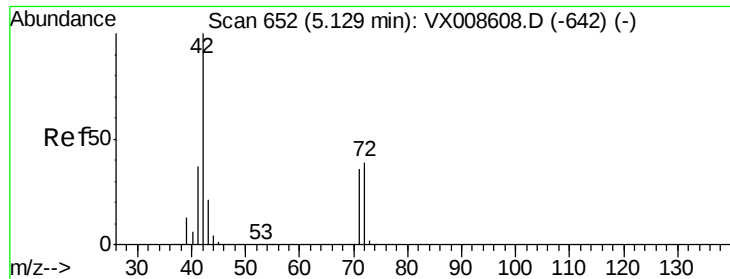
Bromochloromethane
Concen: 59.726 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion: 49 Resp: 131191
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.6
130 60.4 49.3 73.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 241.798 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

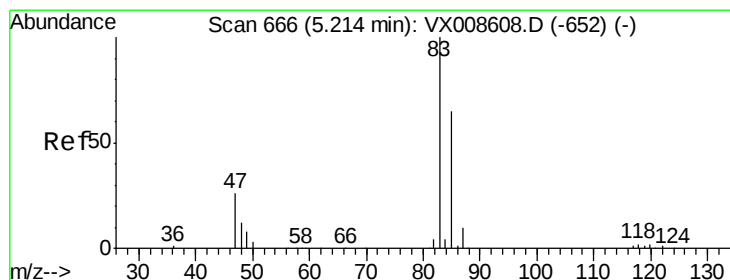
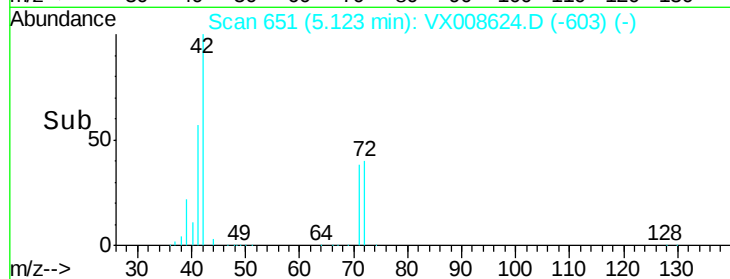
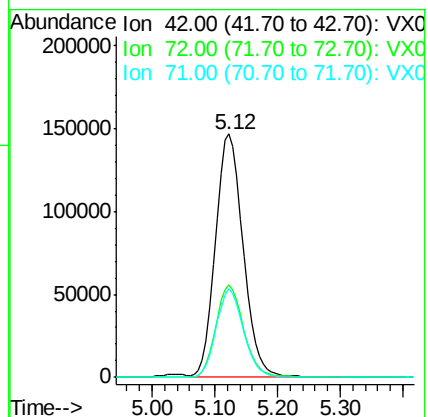
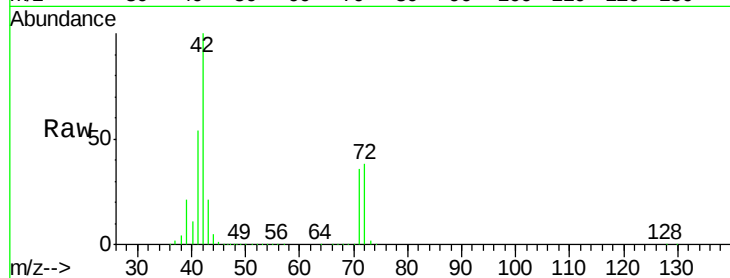
Tgt Ion: 42 Resp: 448084

Ion Ratio Lower Upper

42 100

72 38.4 30.5 45.7

71 35.9 28.6 43.0



#30

Chloroform

Concen: 52.529 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008624.D

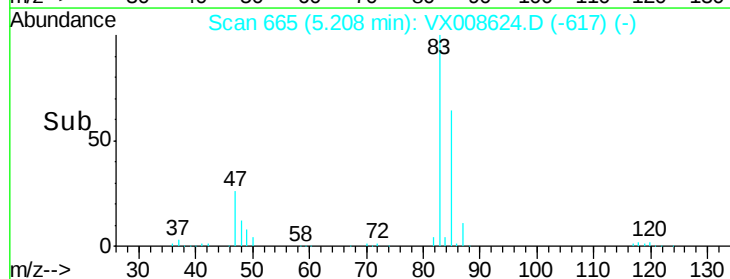
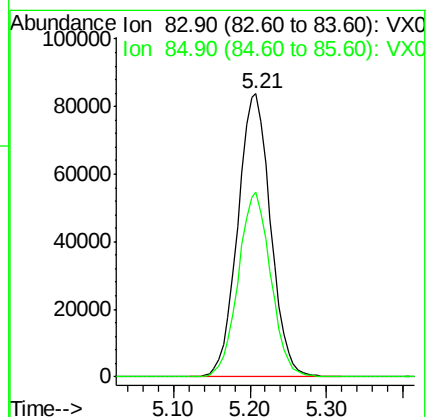
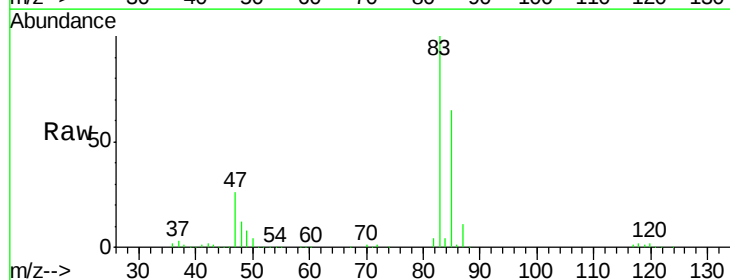
Acq: 04 Apr 2019 09:39

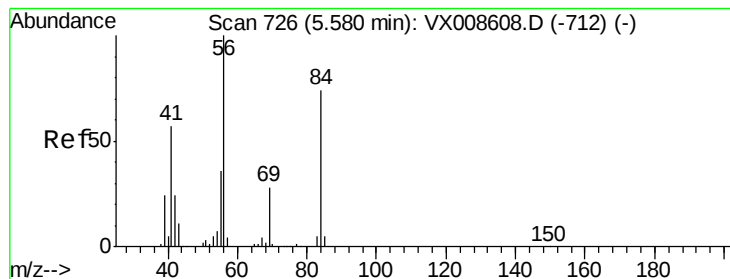
Tgt Ion: 83 Resp: 249162

Ion Ratio Lower Upper

83 100

85 65.3 52.1 78.1





#31

Cyclohexane

Concen: 52.259 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

BFB

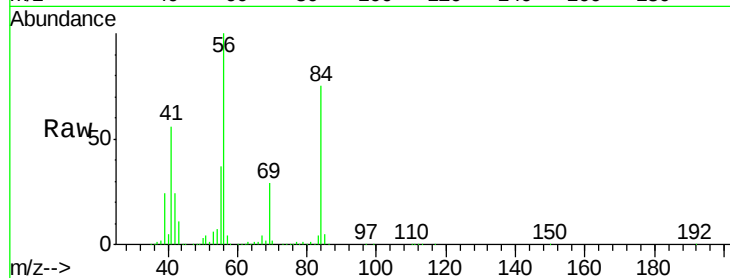
Tgt Ion: 56 Resp: 276929

Ion Ratio Lower Upper

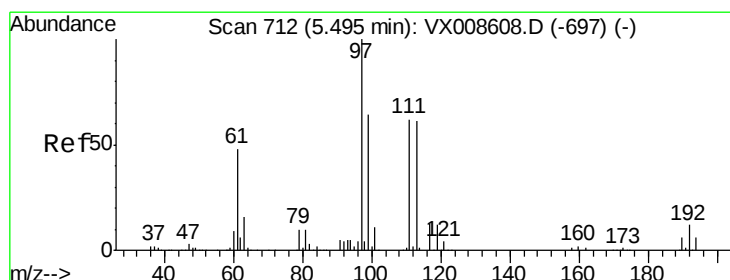
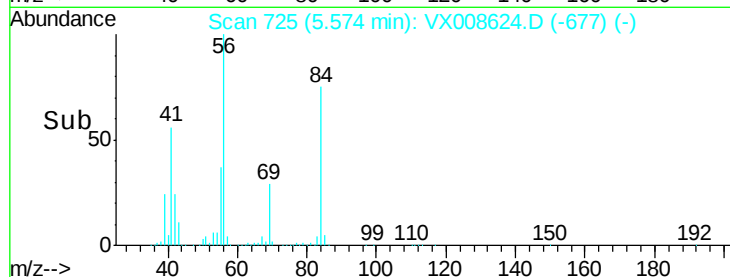
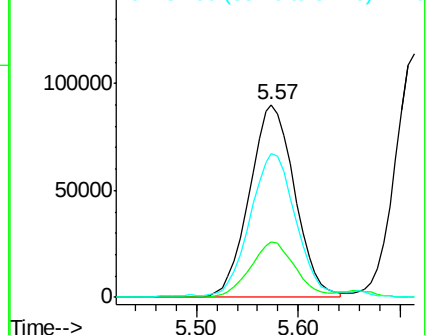
56 100

69 29.0 22.6 33.8

84 73.6 59.3 88.9



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: 53.875 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

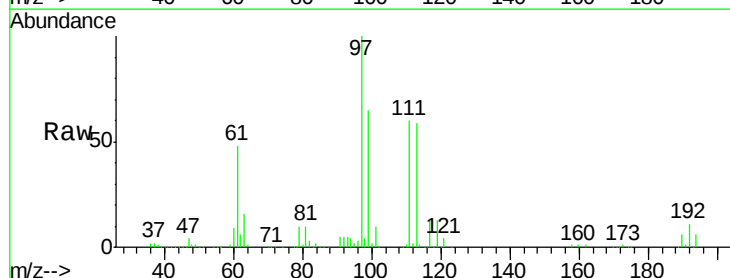
Tgt Ion: 97 Resp: 206509

Ion Ratio Lower Upper

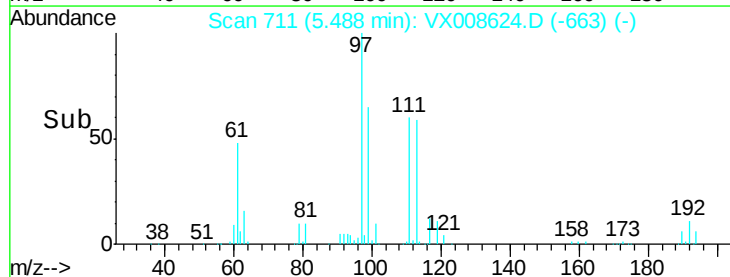
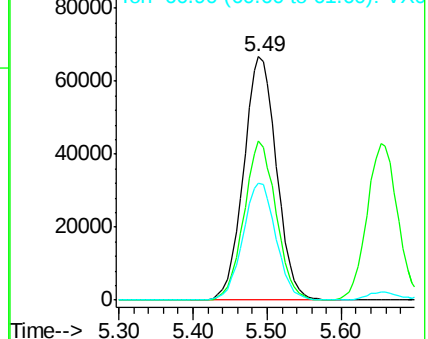
97 100

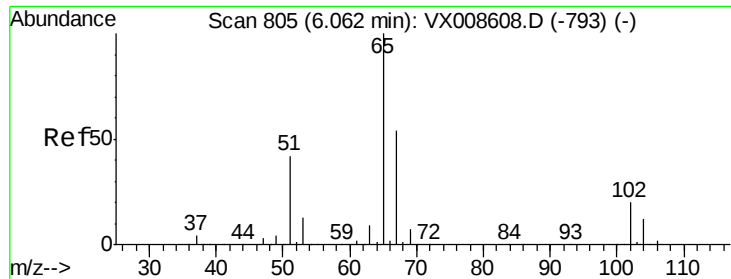
99 63.8 51.3 76.9

61 48.5 38.9 58.3



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

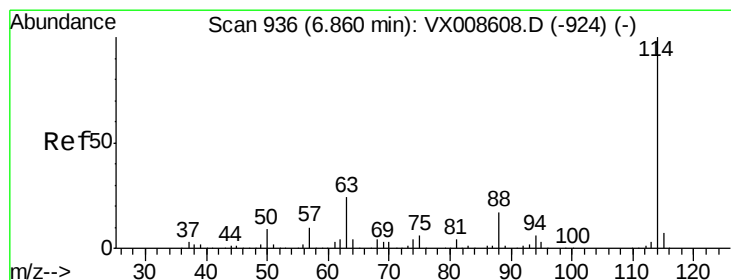
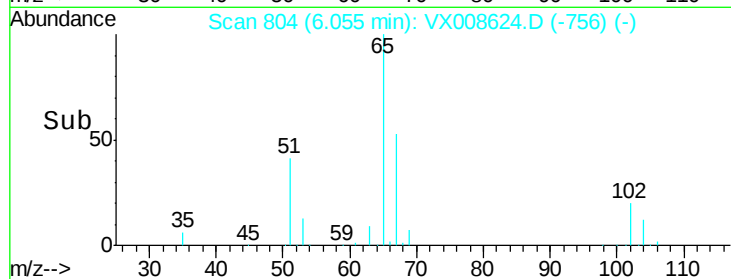
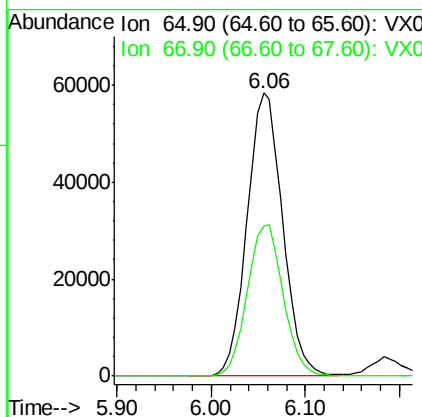
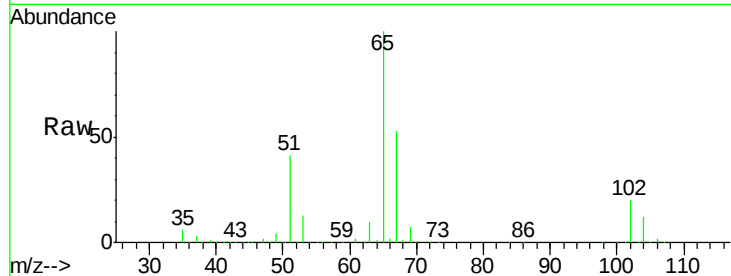




#33
 1,2-Dichloroethane-d4
 Concen: 50.444 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

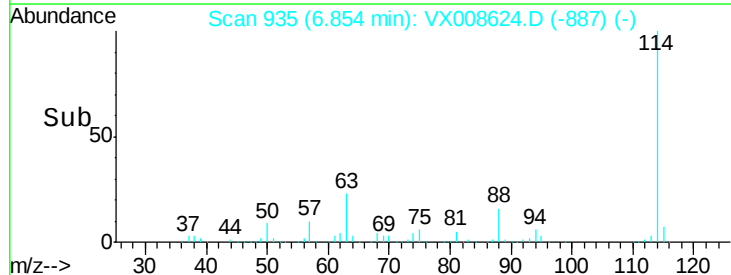
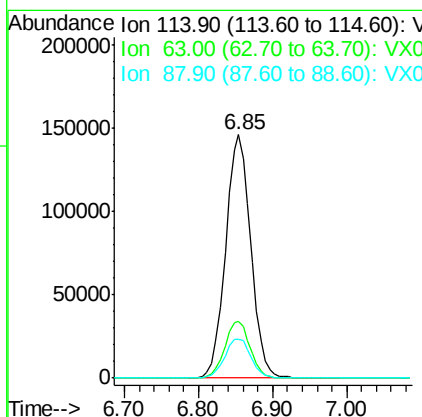
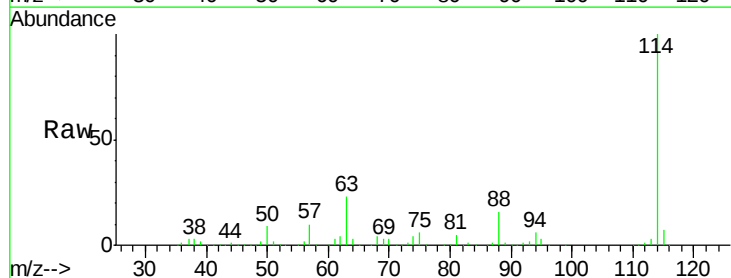
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

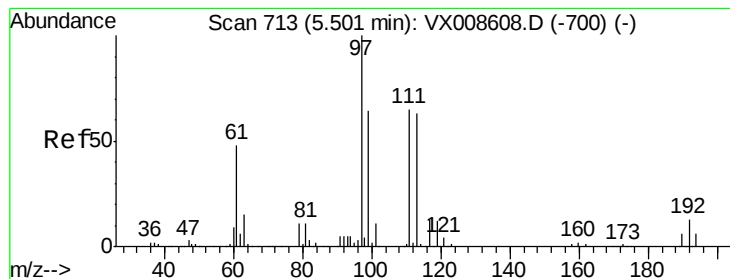
Tgt Ion: 65 Resp: 154714
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion: 114 Resp: 343282
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 16.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 52.711 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

BFB

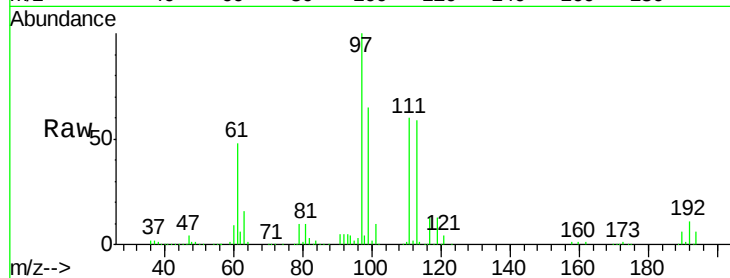
Tgt Ion:113 Resp: 115691

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

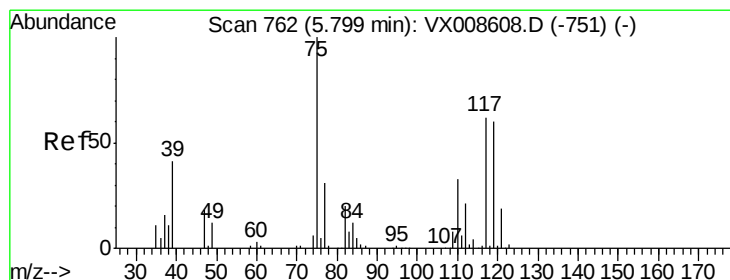
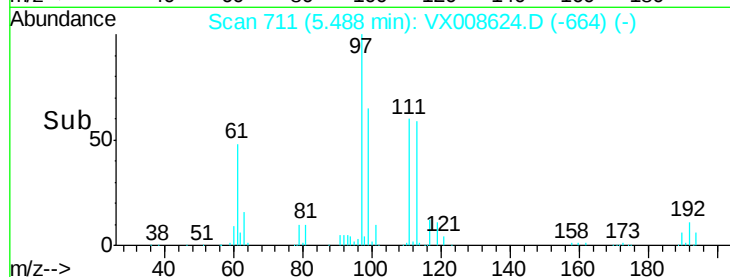
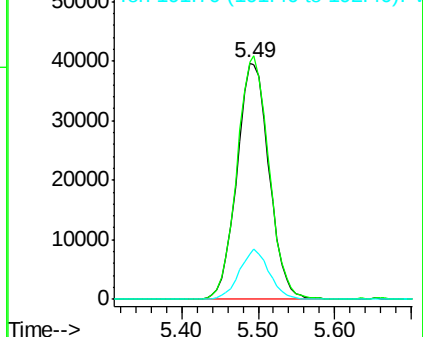
192 19.7 16.1 24.1



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: 53.708 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

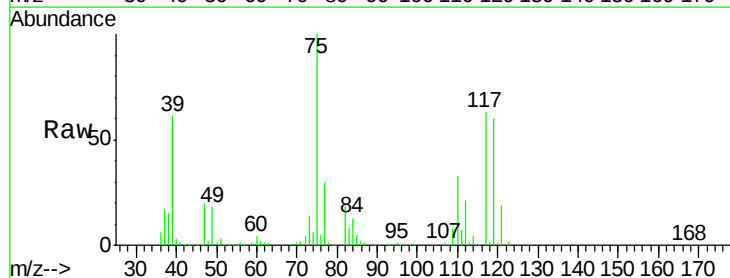
Tgt Ion: 75 Resp: 201536

Ion Ratio Lower Upper

75 100

110 32.7 16.4 49.2

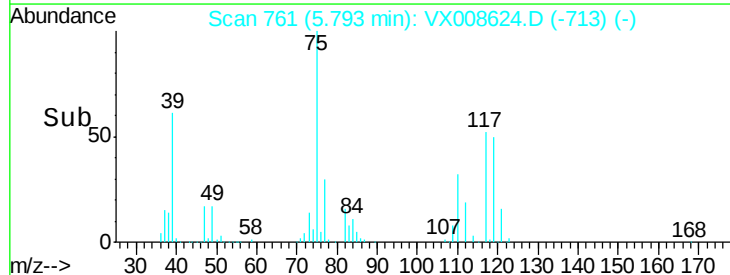
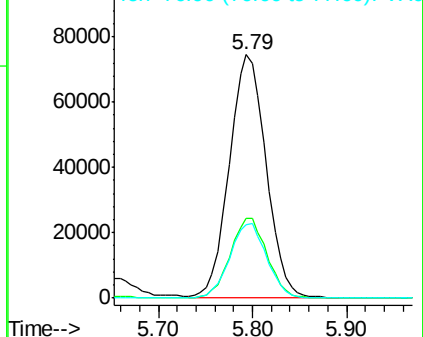
77 30.6 24.7 37.1

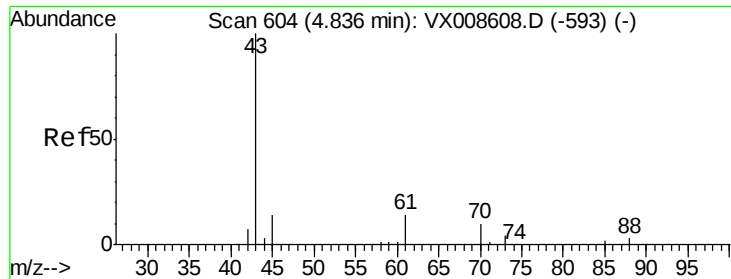


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

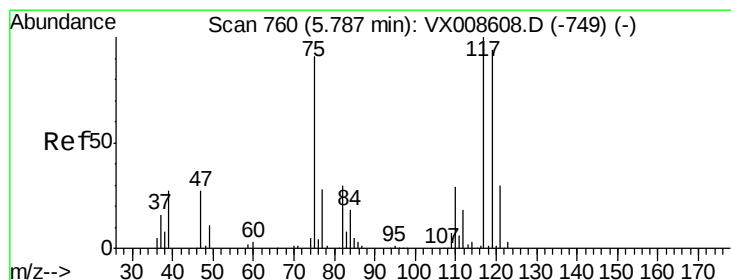
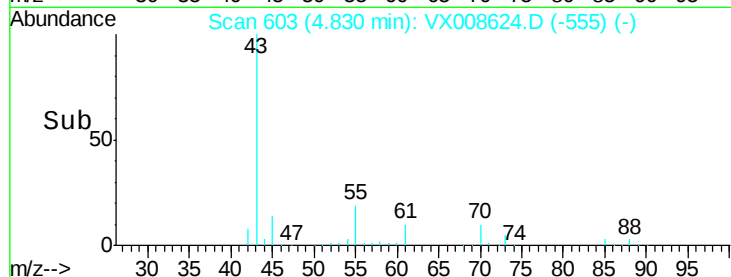
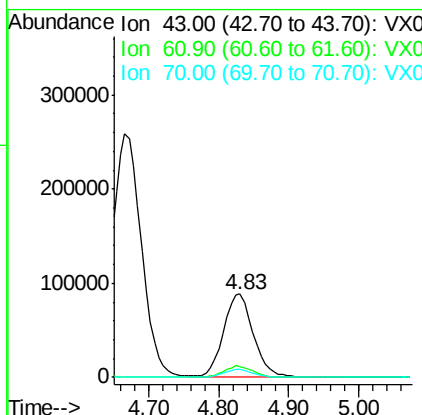
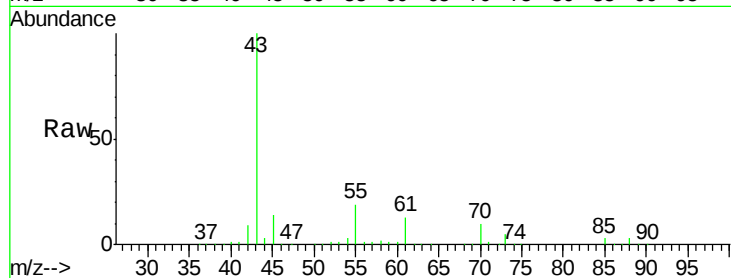




#37
Ethyl Acetate
Concen: 52.415 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

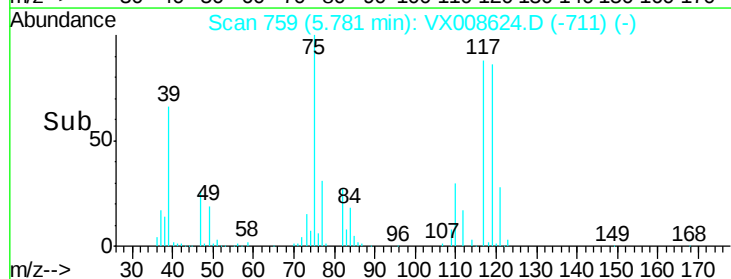
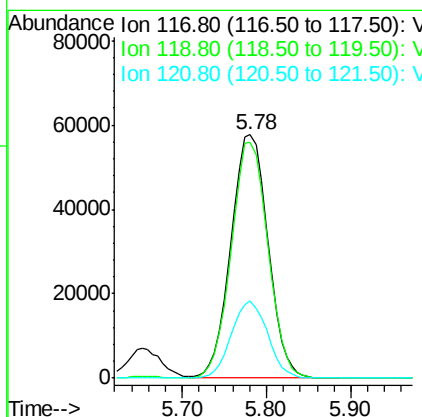
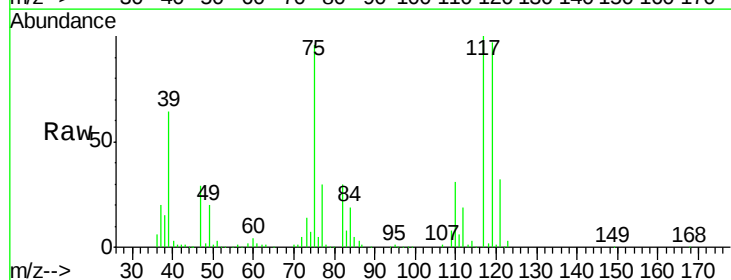
Instrument :
MSVOA_X
ClientSampleId :
BFB

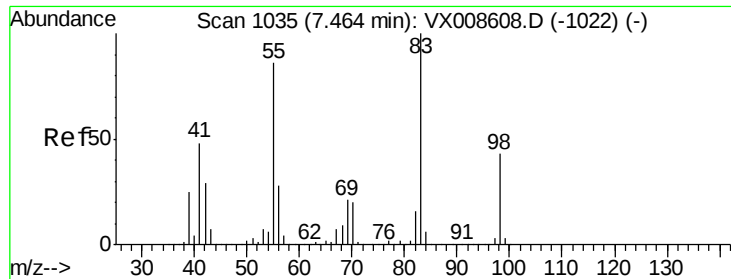
Tgt Ion: 43 Resp: 262532
Ion Ratio Lower Upper
43 100
61 13.0 10.3 15.5
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 55.565 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion: 117 Resp: 172569
Ion Ratio Lower Upper
117 100
119 97.2 75.0 112.6
121 31.7 24.3 36.5

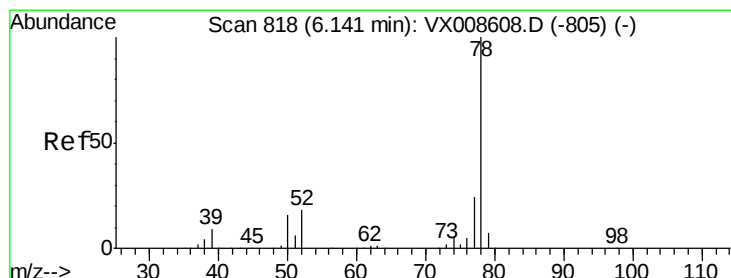
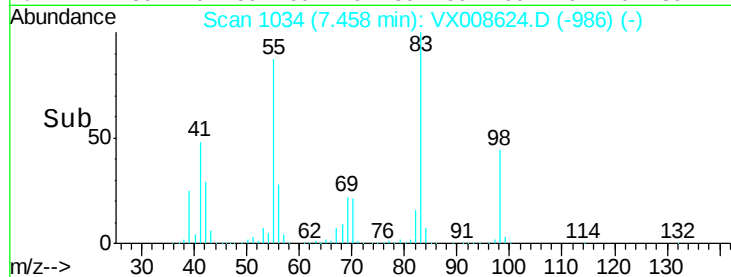
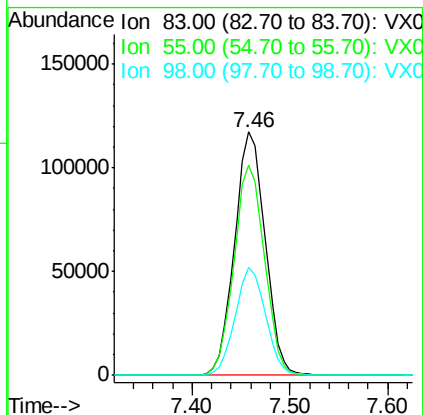
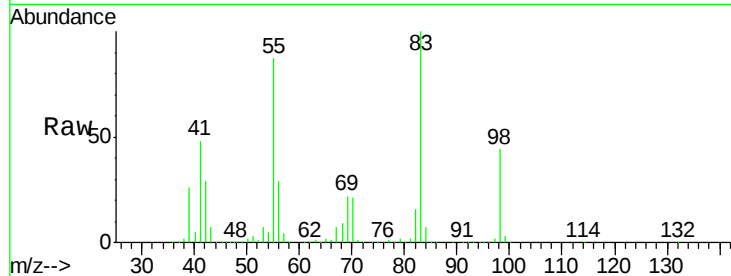




#39
Methylcyclohexane
Concen: 55.031 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

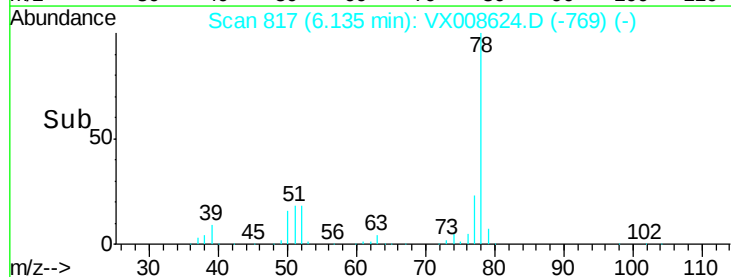
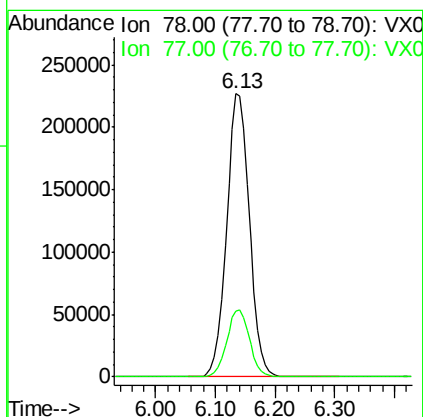
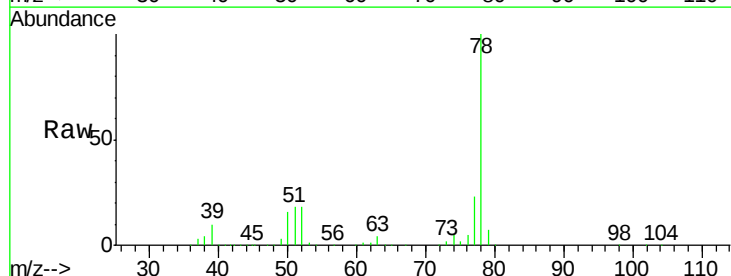
Instrument :
MSVOA_X
ClientSampled :
BFB

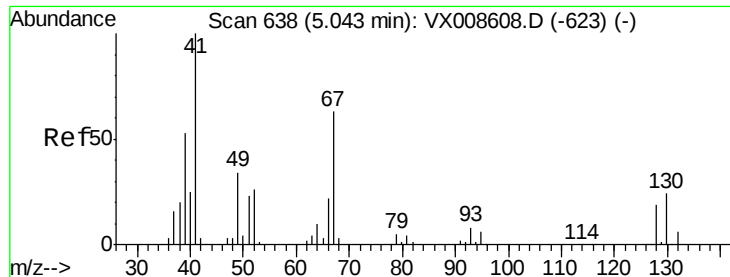
Tgt Ion: 83 Resp: 255096
Ion Ratio Lower Upper
83 100
55 86.5 69.0 103.6
98 44.2 34.4 51.6



#40
Benzene
Concen: 53.825 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion: 78 Resp: 601699
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

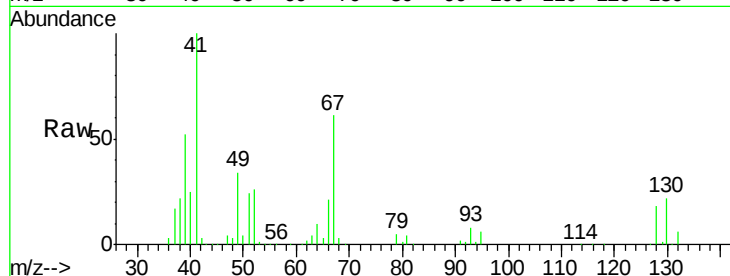




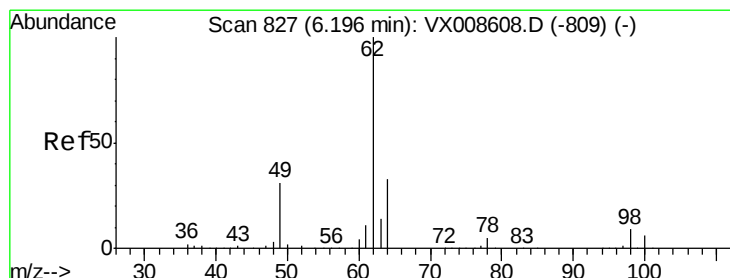
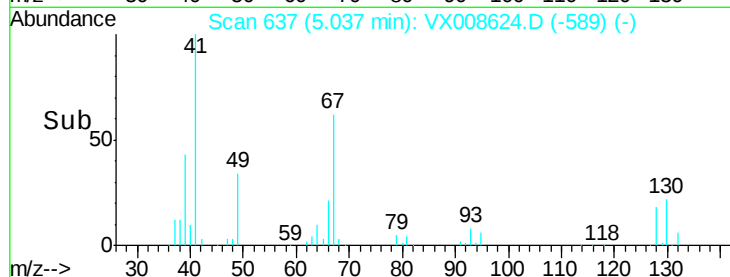
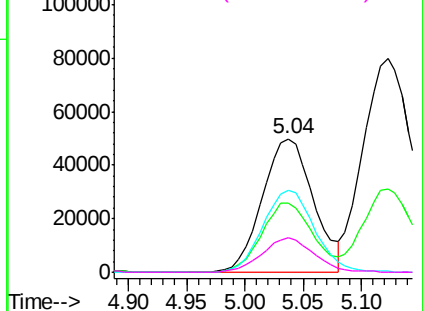
#41
Methacrylonitrile
Concen: 52.542 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:	41	Resp:	151271
Ion	Ratio	Lower	Upper
41	100		
39	52.0	42.1	63.1
67	62.3	51.0	76.6
52	26.1	21.4	32.0

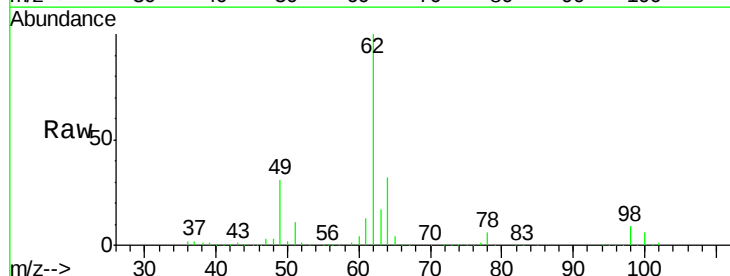


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

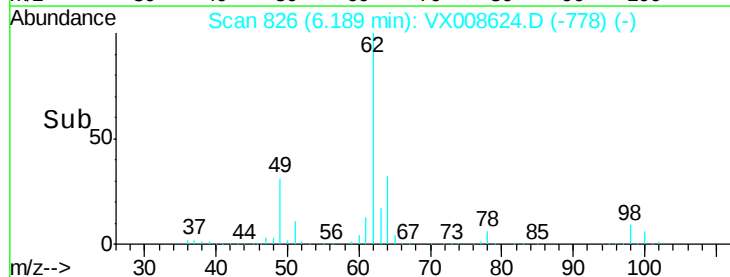
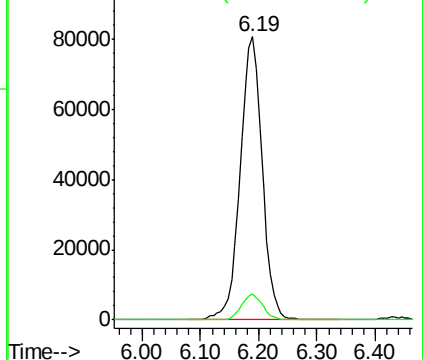


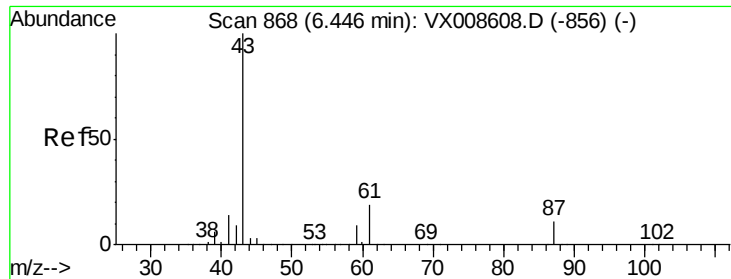
#42
1,2-Dichloroethane
Concen: 52.730 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion:	62	Resp:	211325
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

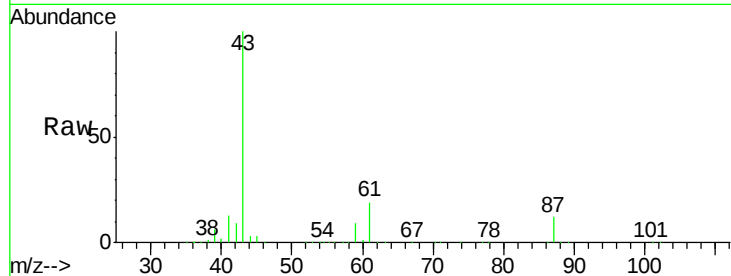




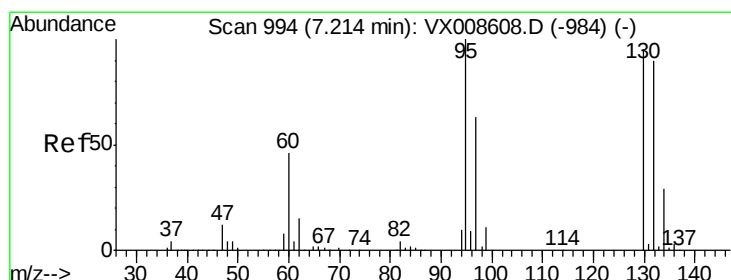
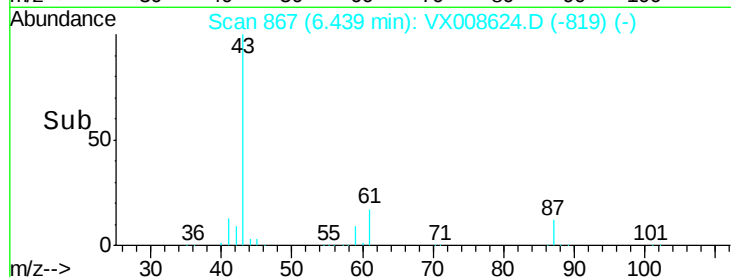
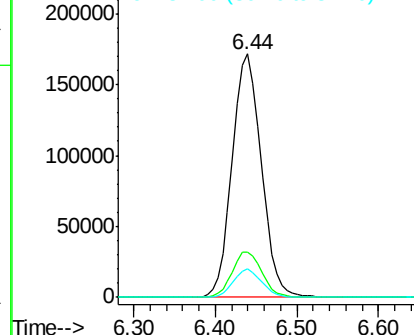
#43
Isopropyl Acetate
Concen: 53.903 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 422932
Ion Ratio Lower Upper
43 100
61 19.2 15.3 22.9
87 11.3 9.0 13.6

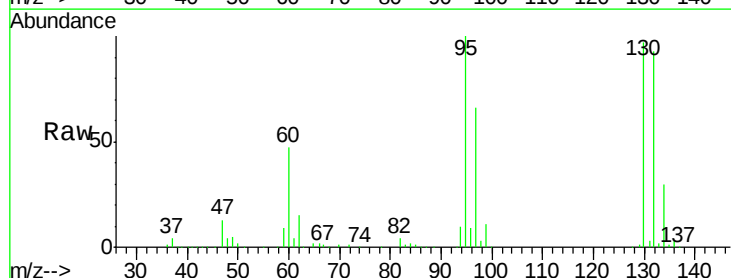


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

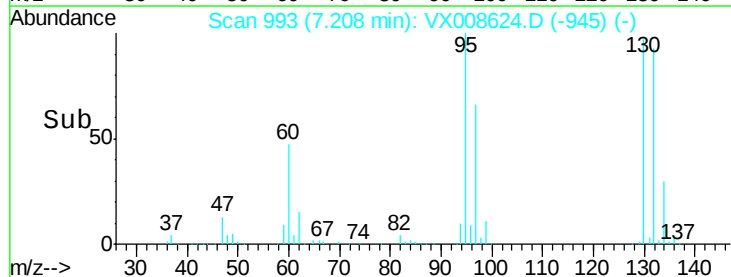
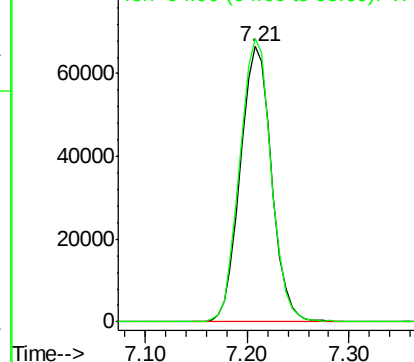


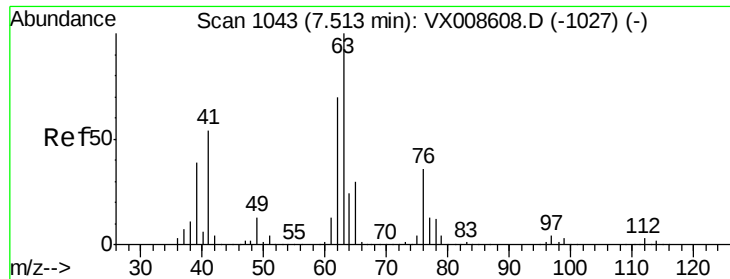
#44
Trichloroethene
Concen: 54.402 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion: 130 Resp: 141644
Ion Ratio Lower Upper
130 100
95 102.8 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 53.470 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

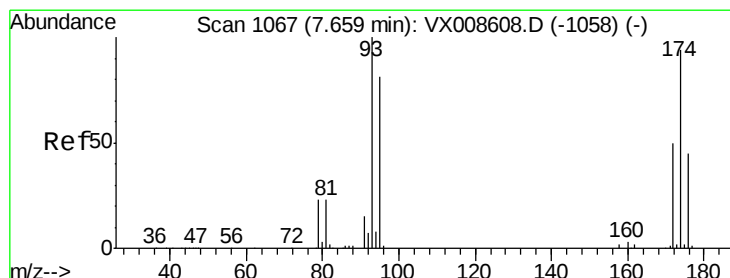
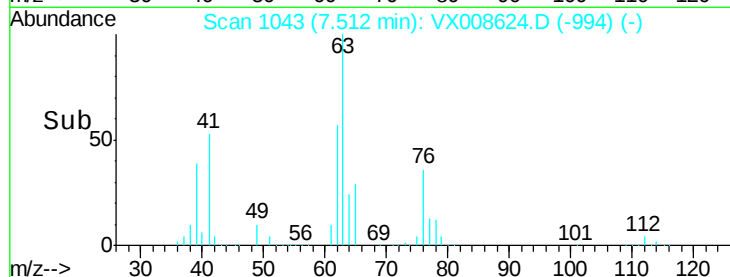
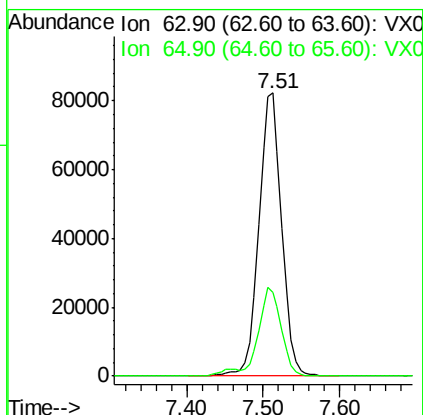
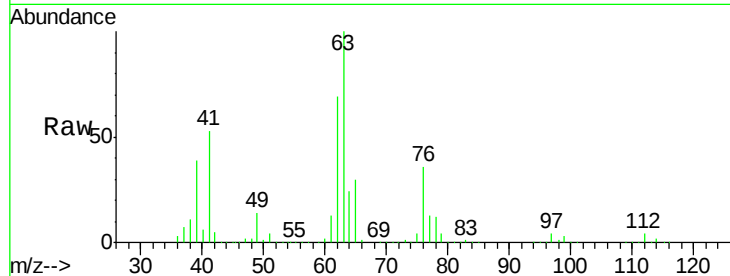
BFB

Tgt Ion: 63 Resp: 170608

Ion Ratio Lower Upper

63 100

65 29.7 24.2 36.4



#46

Dibromomethane

Concen: 52.108 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

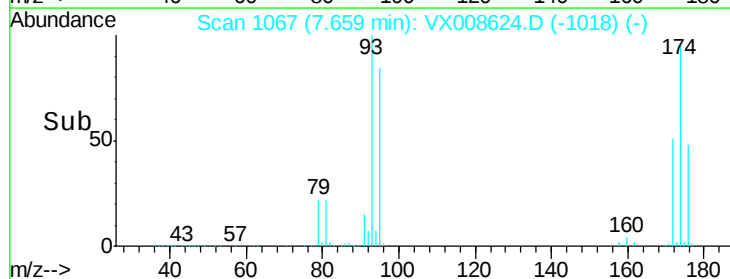
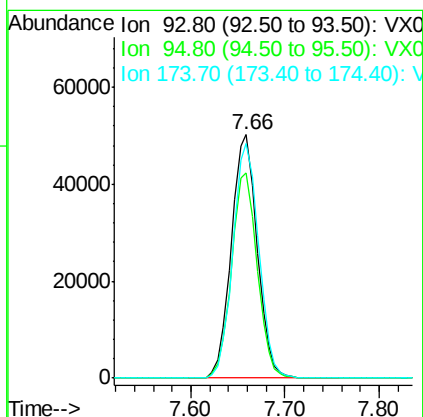
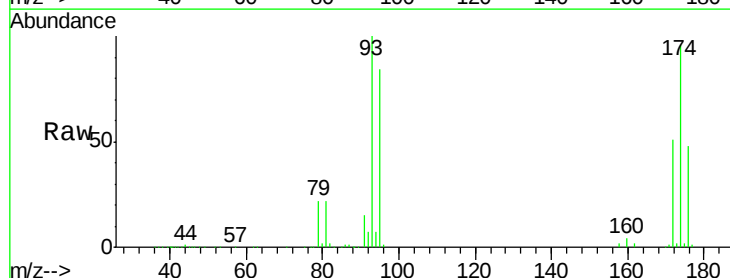
Tgt Ion: 93 Resp: 96430

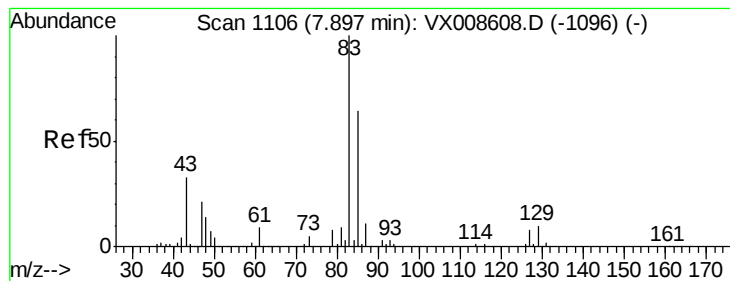
Ion Ratio Lower Upper

93 100

95 83.8 66.6 99.8

174 96.3 77.7 116.5





#47

Bromodichloromethane

Concen: 56.415 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

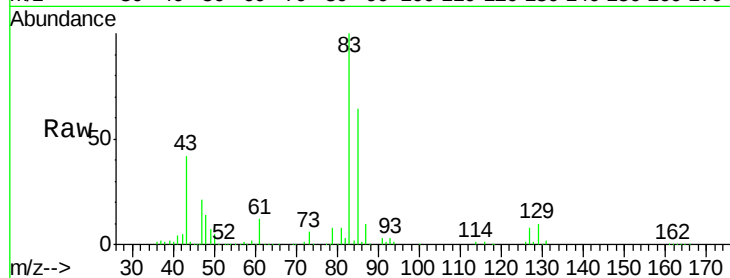
Tgt Ion: 83 Resp: 196845

Ion Ratio Lower Upper

83 100

85 63.6 51.2 76.8

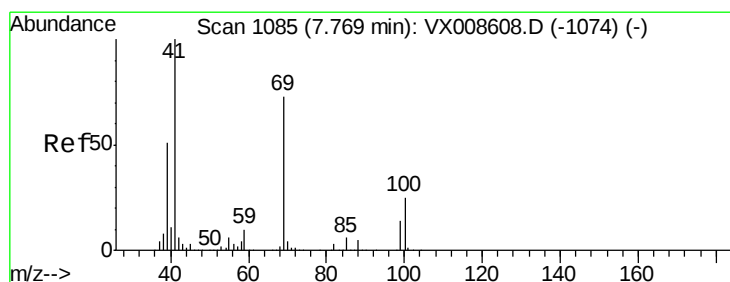
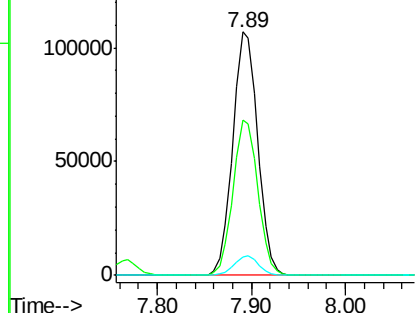
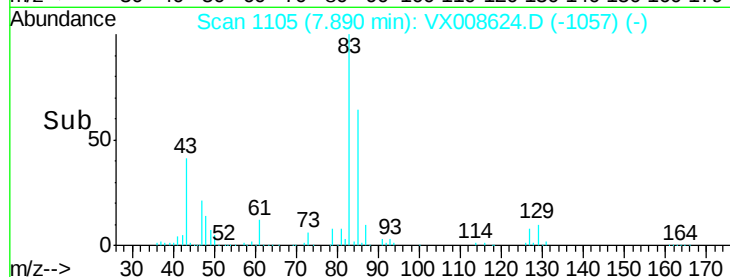
127 7.7 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.500 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

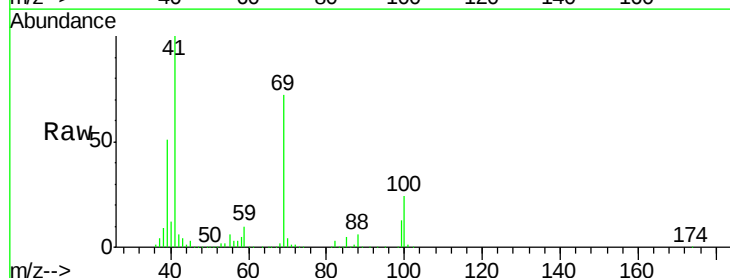
Tgt Ion: 41 Resp: 216310

Ion Ratio Lower Upper

41 100

69 73.6 59.0 88.4

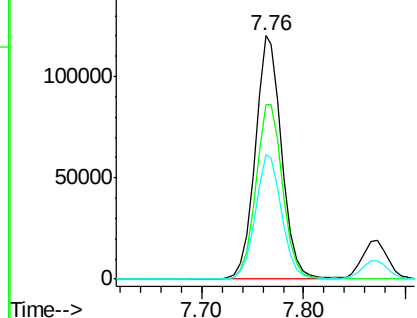
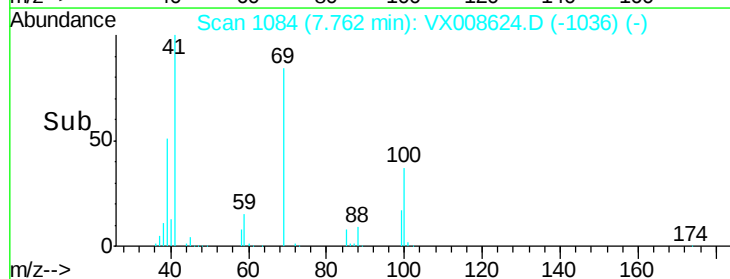
39 51.2 41.0 61.4

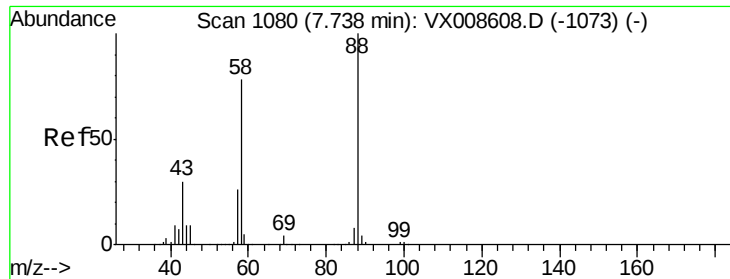


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

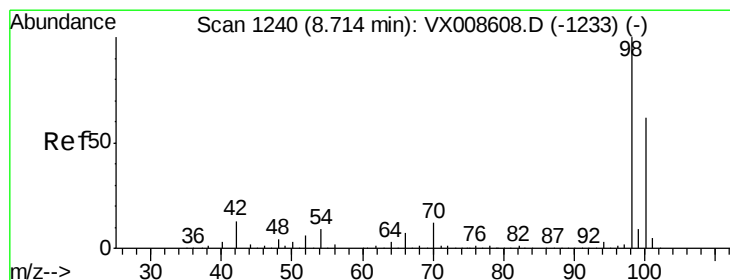
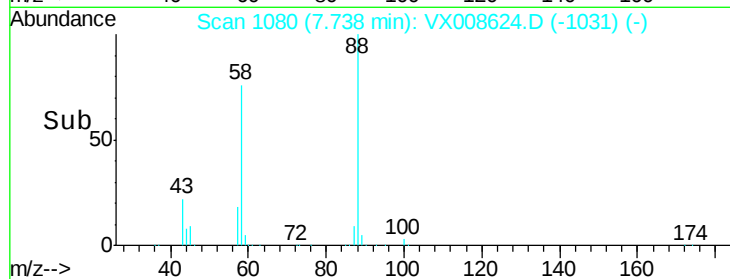
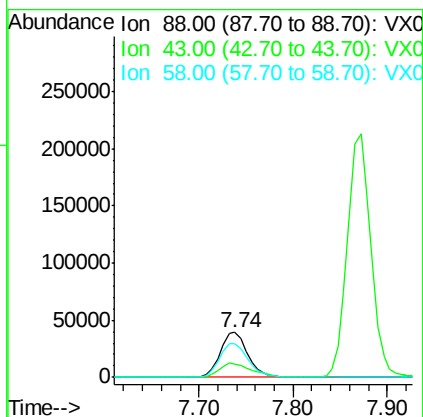
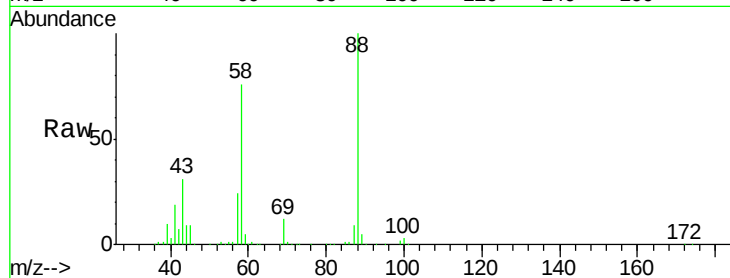




#49
 1,4-Dioxane
 Concen: 1075.737 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

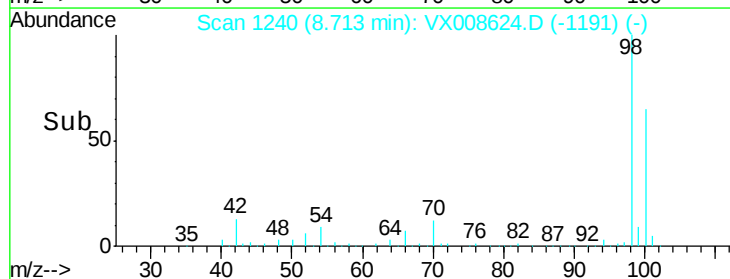
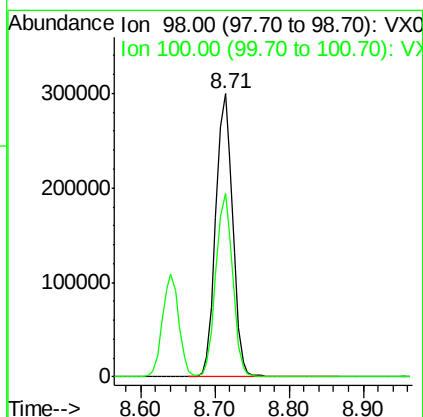
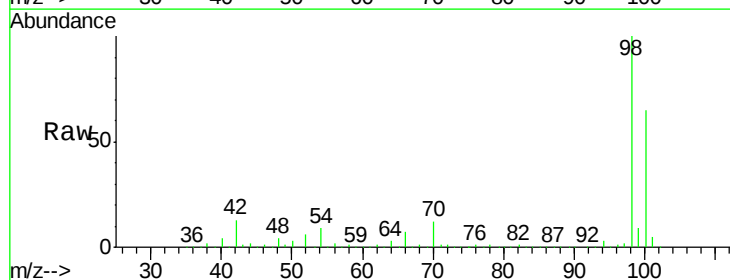
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

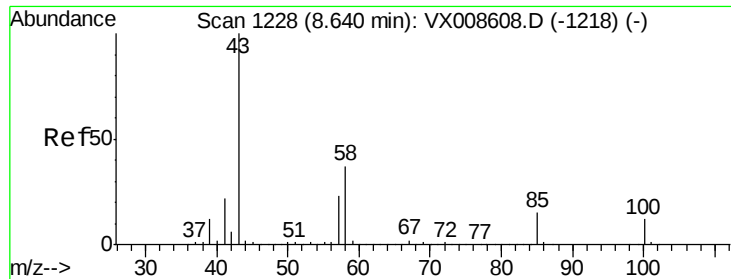
Tgt Ion: 88 Resp: 79981
 Ion Ratio Lower Upper
 88 100
 43 36.0 28.6 43.0
 58 78.6 62.2 93.2



#50
 Toluene-d8
 Concen: 53.631 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion: 98 Resp: 468689
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.4 77.0

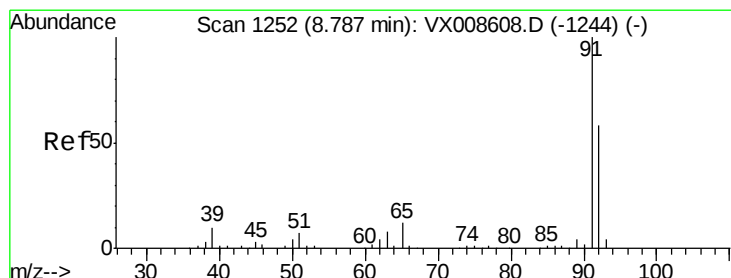
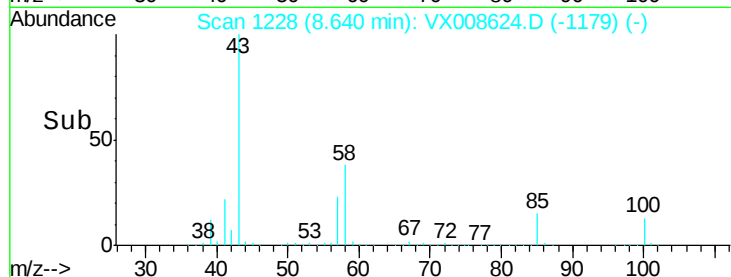
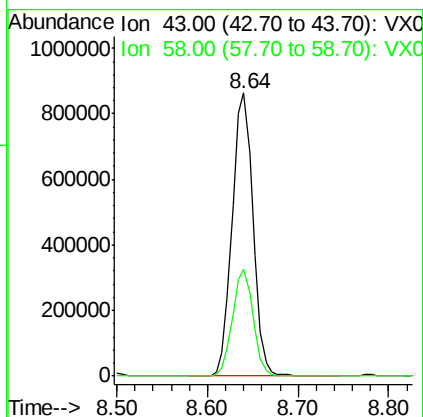
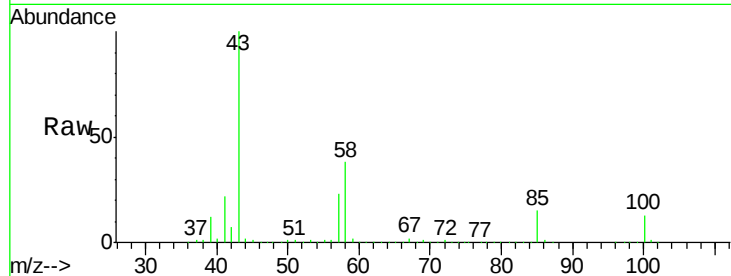




#51
4-Methyl-2-Pentanone
Concen: 273.767 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

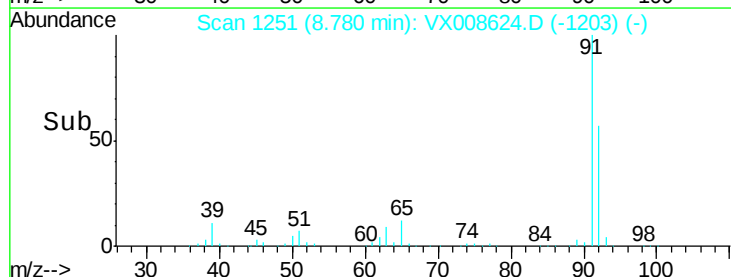
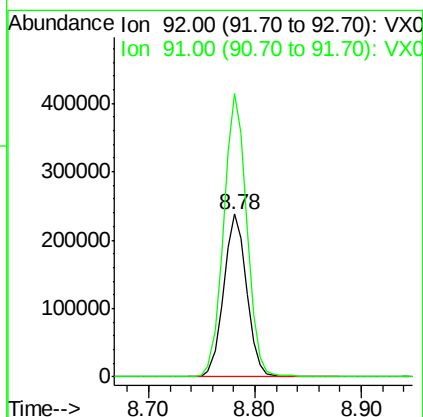
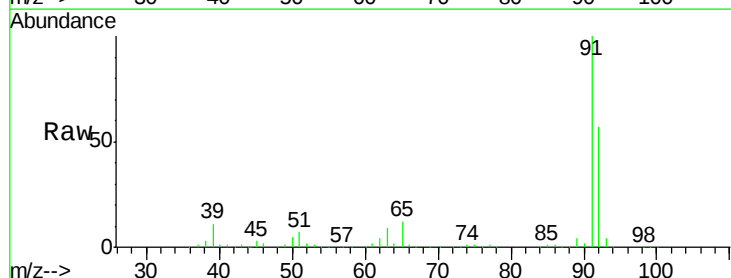
Instrument :
MSVOA_X
ClientSampleId :
BFB

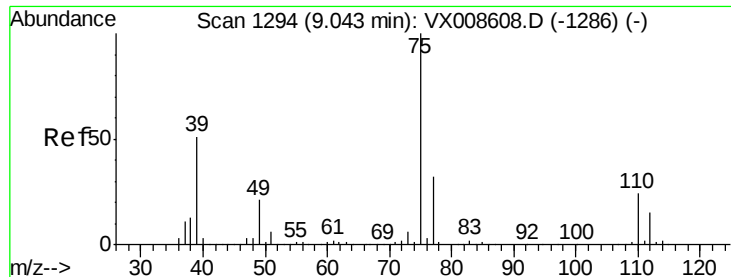
Tgt Ion: 43 Resp: 1382753
Ion Ratio Lower Upper
43 100
58 37.0 29.5 44.3



#52
Toluene
Concen: 54.694 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion: 92 Resp: 360466
Ion Ratio Lower Upper
92 100
91 174.8 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 58.420 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

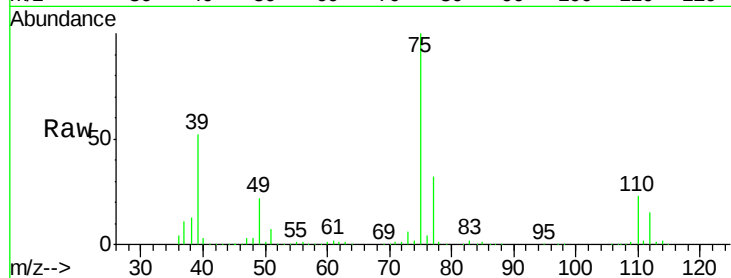
BFB

Tgt Ion: 75 Resp: 228336

Ion Ratio Lower Upper

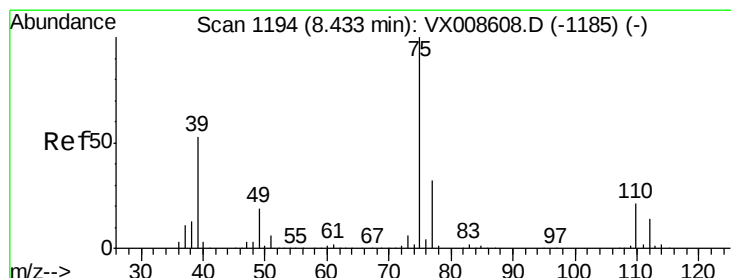
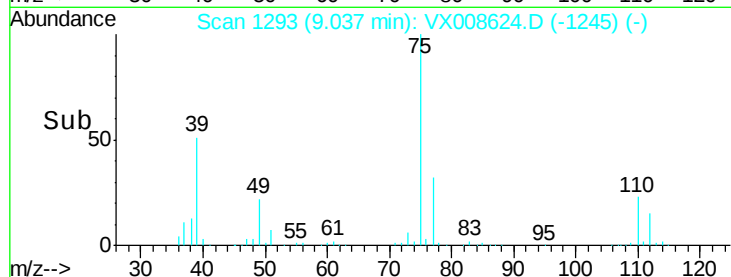
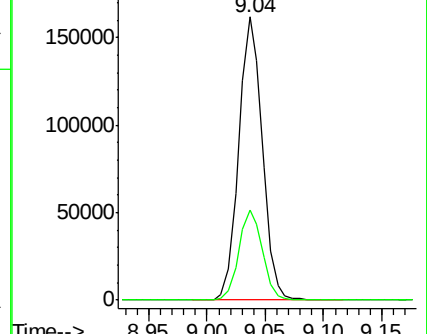
75 100

77 32.0 25.2 37.8



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: 57.138 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

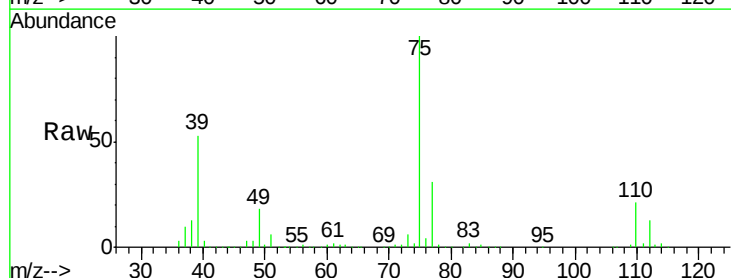
Tgt Ion: 75 Resp: 255183

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

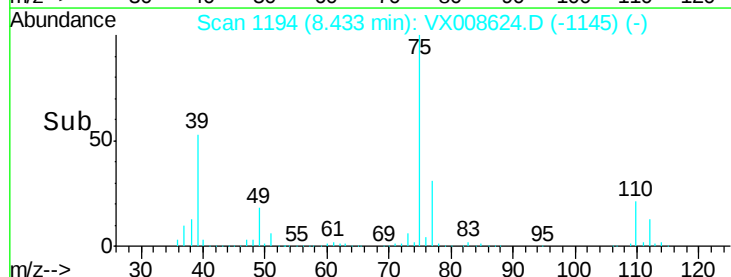
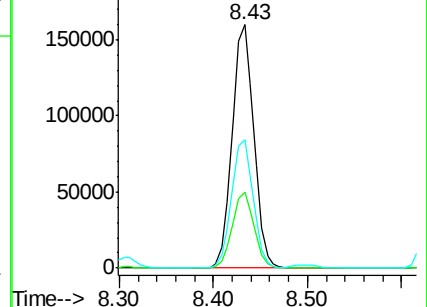
39 52.6 42.6 63.8

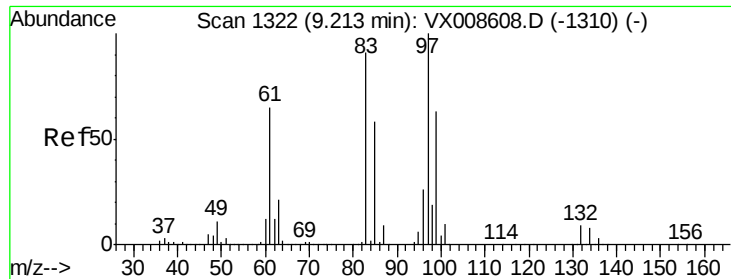


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

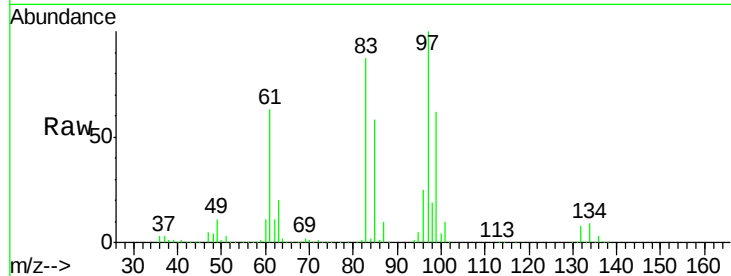




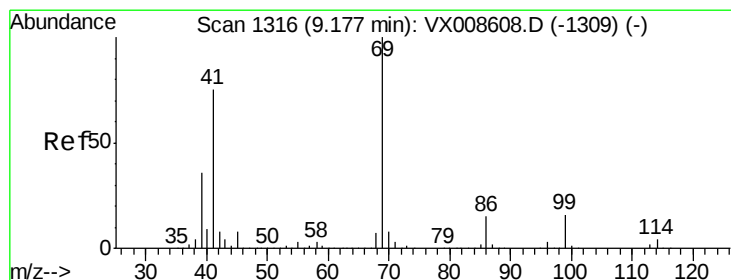
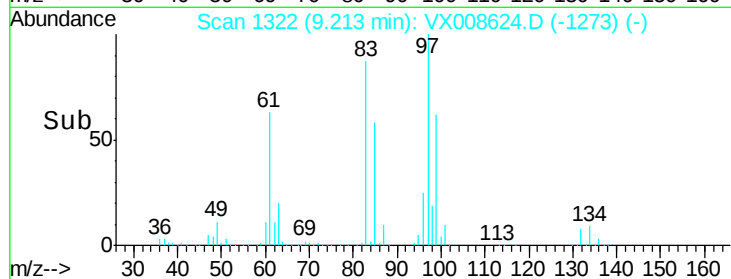
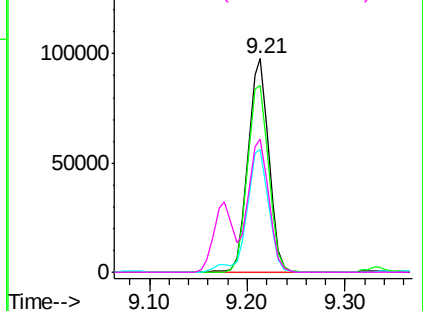
#55
 1,1,2-Trichloroethane
 Concen: 54.313 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion: 97 Resp: 143685
 Ion Ratio Lower Upper
 97 100
 83 87.3 73.2 109.8
 85 57.7 46.6 69.8
 99 62.2 50.1 75.1

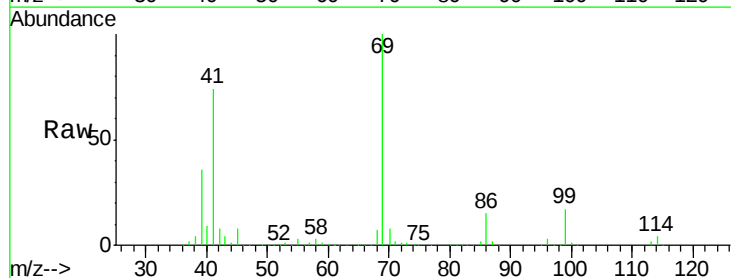


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

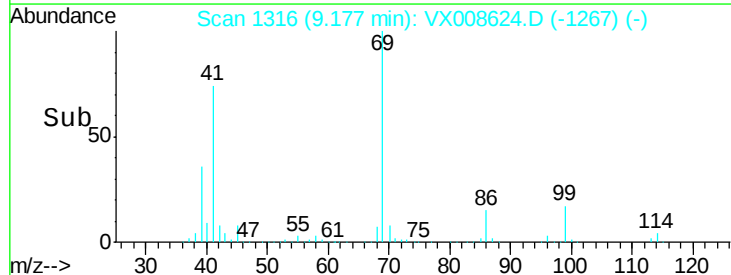
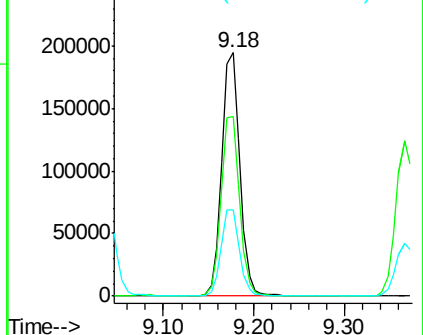


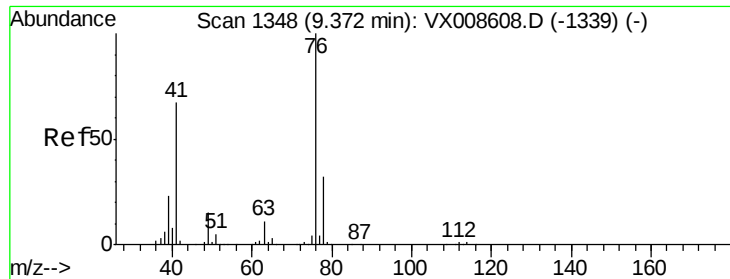
#56
 Ethyl methacrylate
 Concen: 56.798 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion: 69 Resp: 271865
 Ion Ratio Lower Upper
 69 100
 41 75.1 60.1 90.1
 39 36.2 28.9 43.3



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 54.360 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

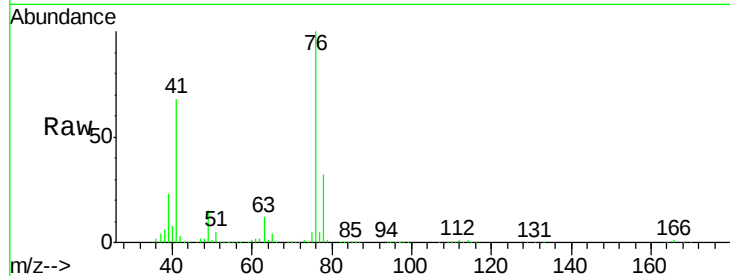
BFB

Tgt Ion: 76 Resp: 258233

Ion Ratio Lower Upper

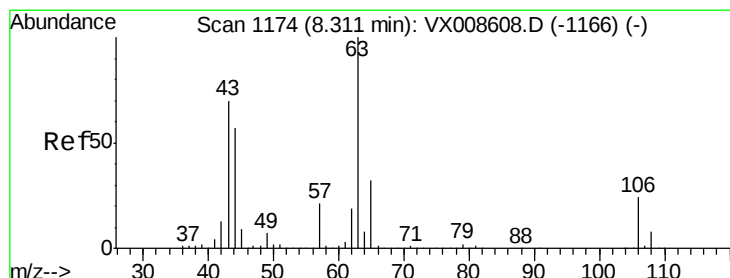
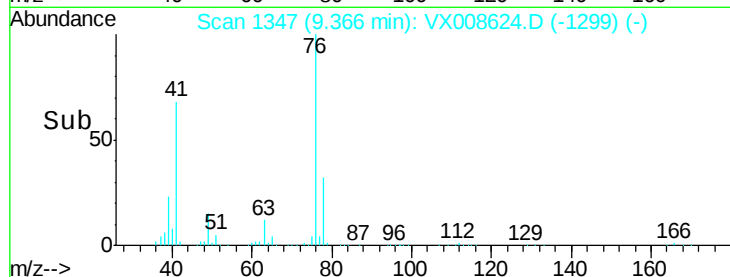
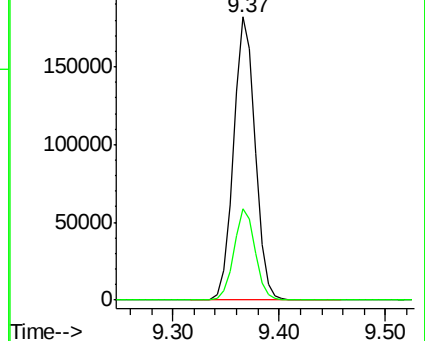
76 100

78 31.7 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 229.087 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX008624.D

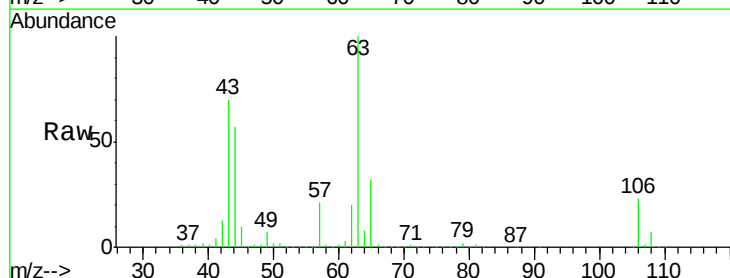
Acq: 04 Apr 2019 09:39

Tgt Ion: 63 Resp: 559911

Ion Ratio Lower Upper

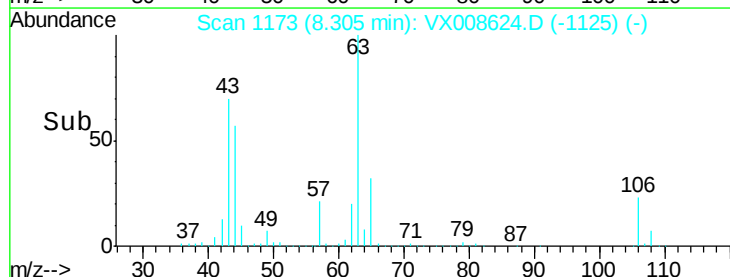
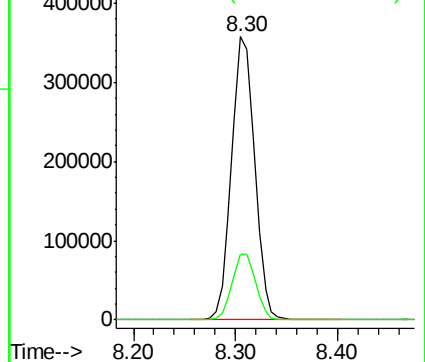
63 100

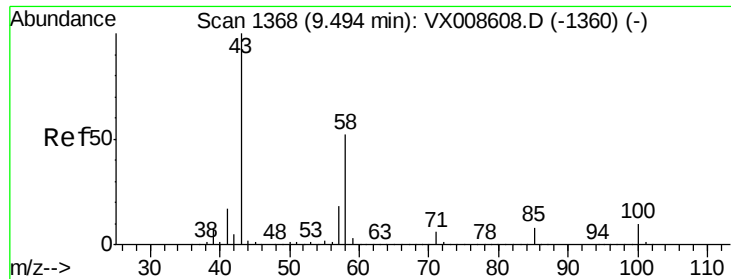
106 23.8 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

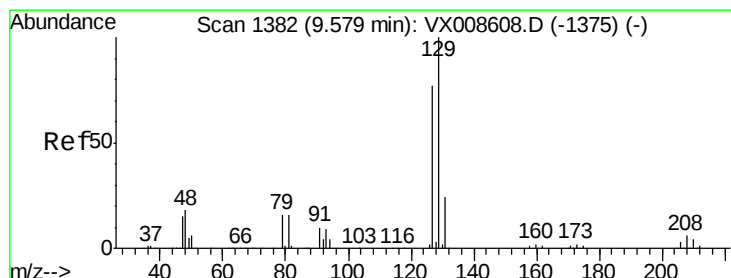
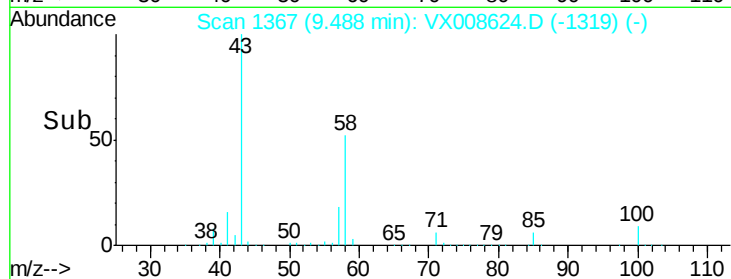
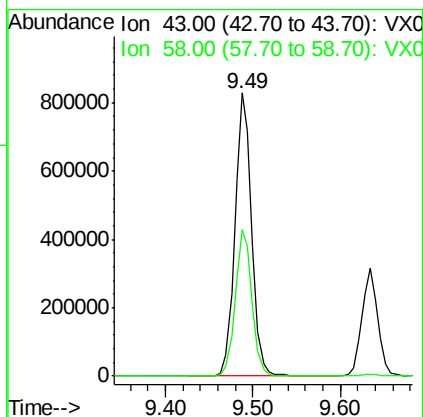
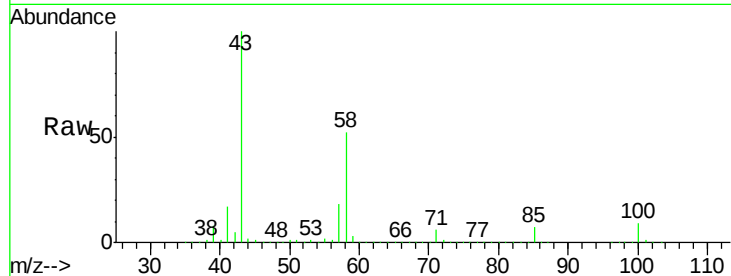




#59
2-Hexanone
Concen: 281.028 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

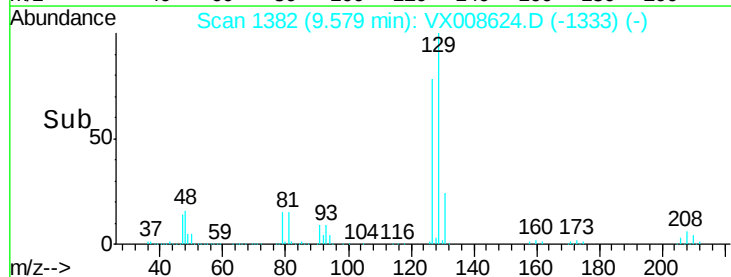
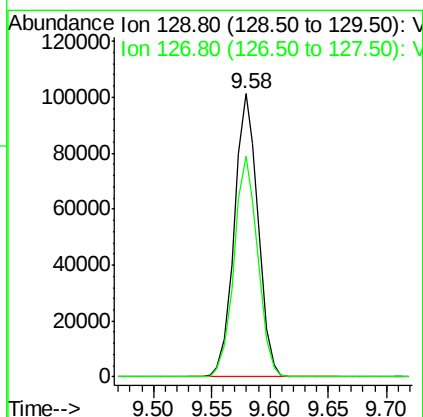
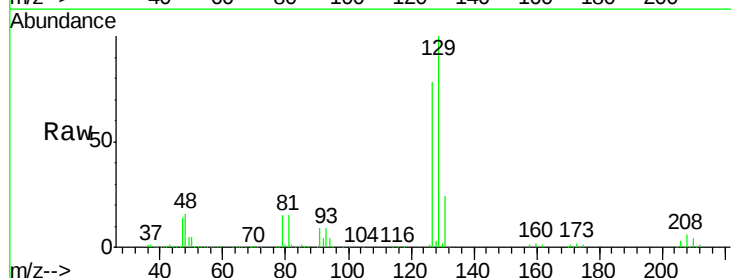
Instrument :
MSVOA_X
ClientSampled :
BFB

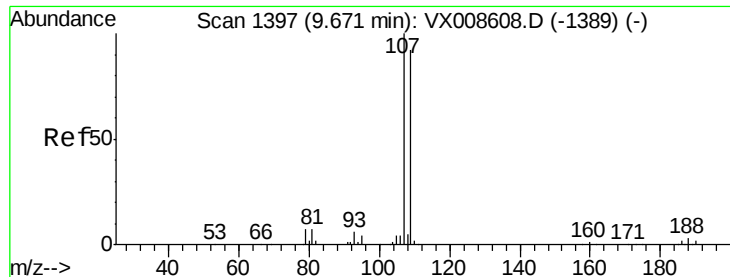
Tgt Ion: 43 Resp: 1103103
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.7



#60
Dibromochloromethane
Concen: 57.439 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion: 129 Resp: 143189
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 54.121 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

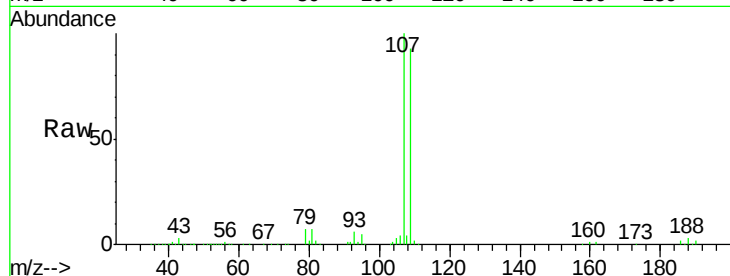
BFB

Tgt Ion: 107 Resp: 149052

Ion Ratio Lower Upper

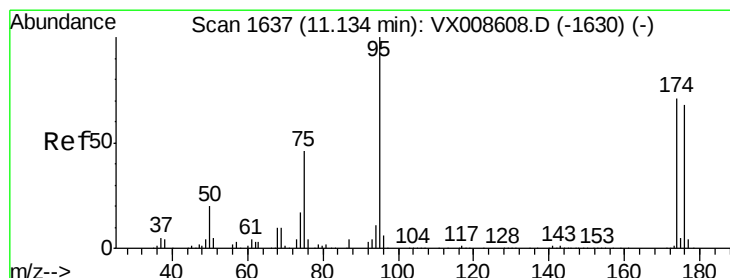
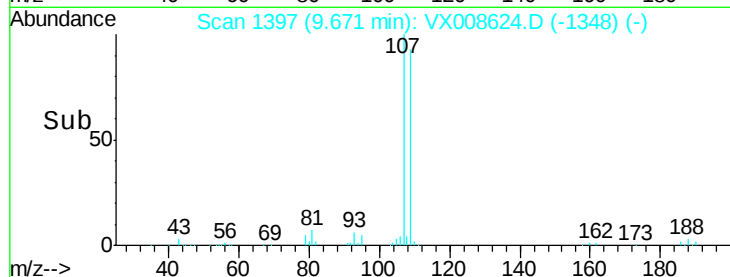
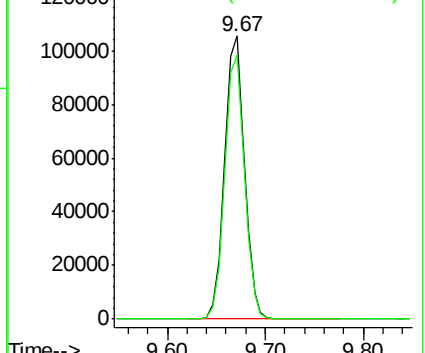
107 100

109 93.2 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.716 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

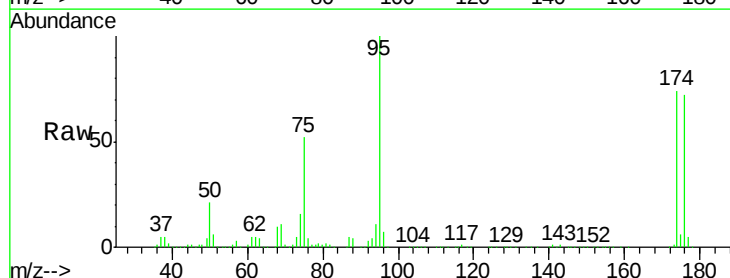
Tgt Ion: 95 Resp: 175764

Ion Ratio Lower Upper

95 100

174 76.6 0.0 151.8

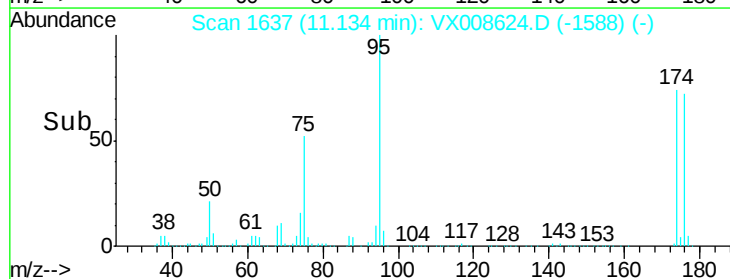
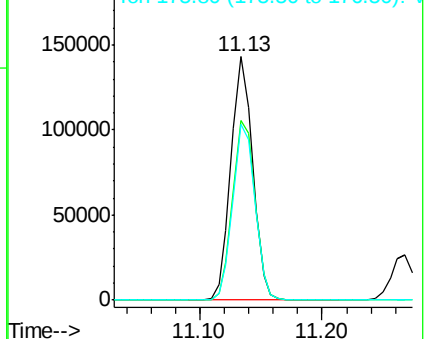
176 73.8 0.0 145.8

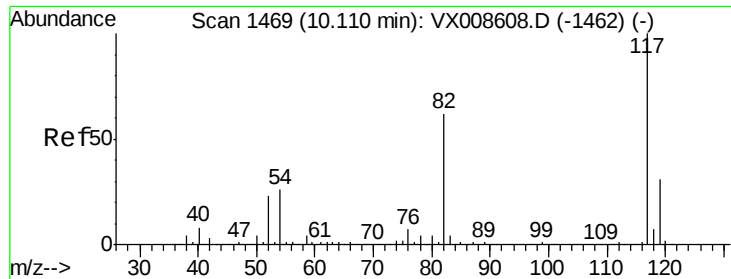


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

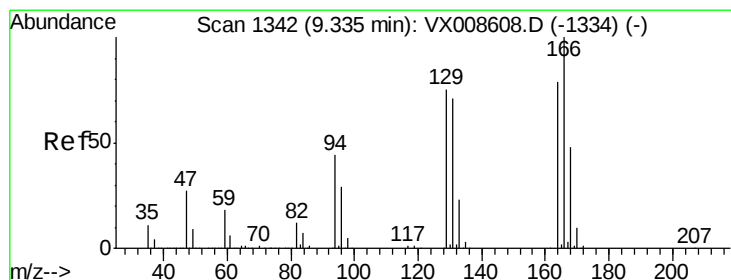
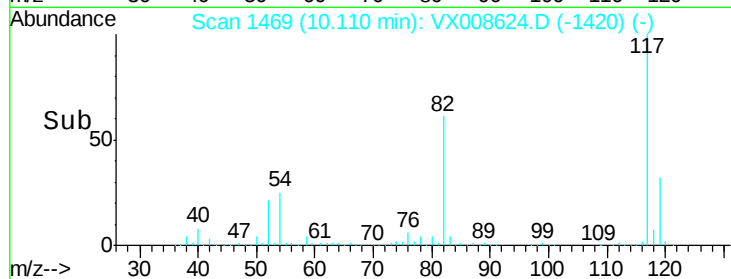
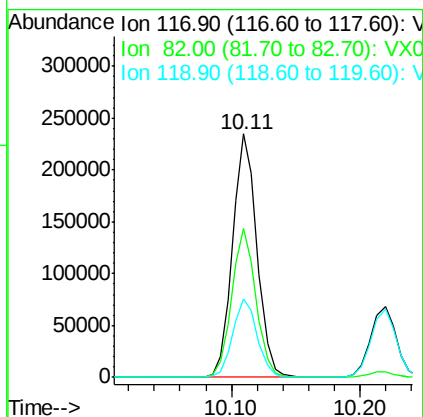
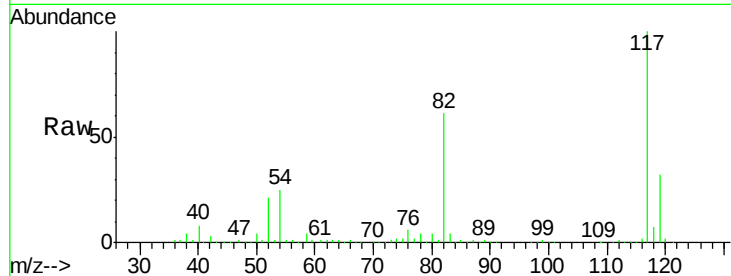




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

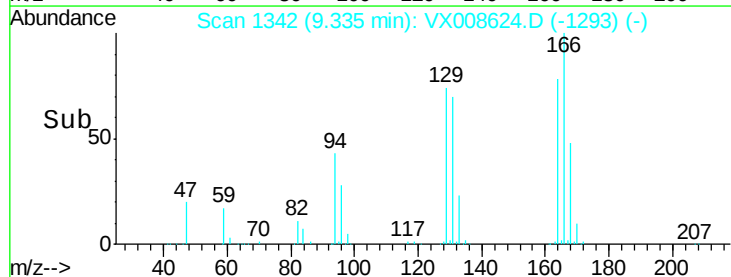
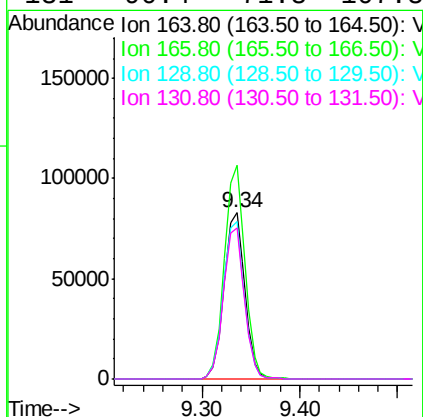
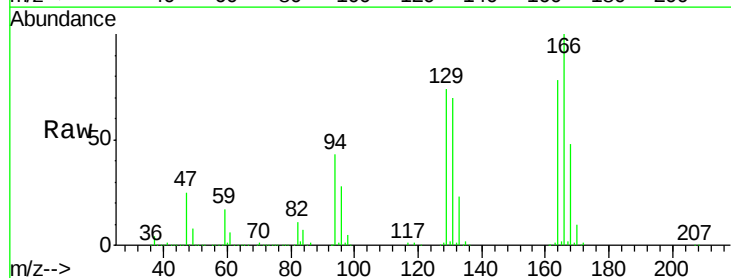
Instrument :
MSVOA_X
ClientSampleId :
BFB

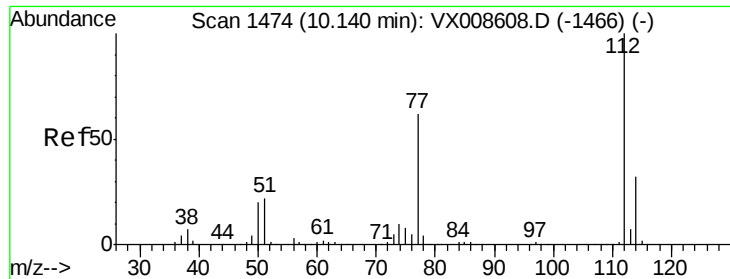
Tgt Ion:117 Resp: 309357
Ion Ratio Lower Upper
117 100
82 61.3 49.6 74.4
119 32.2 25.0 37.4



#64
Tetrachloroethene
Concen: 53.441 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion:164 Resp: 122488
Ion Ratio Lower Upper
164 100
166 128.4 101.0 151.6
129 94.7 75.8 113.8
131 90.4 71.8 107.8

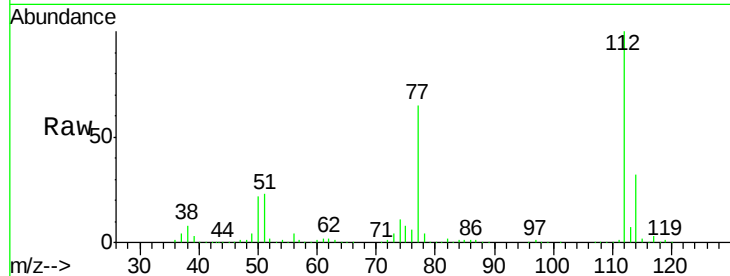




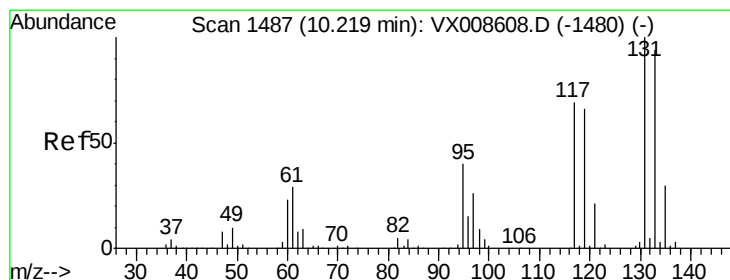
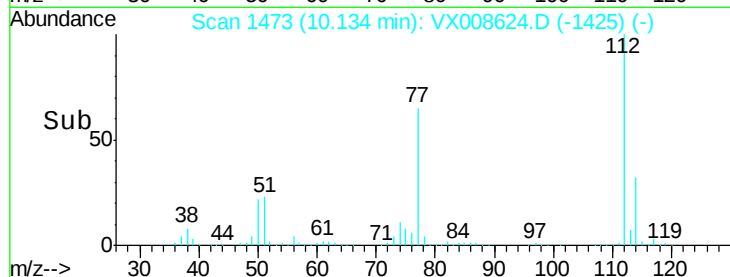
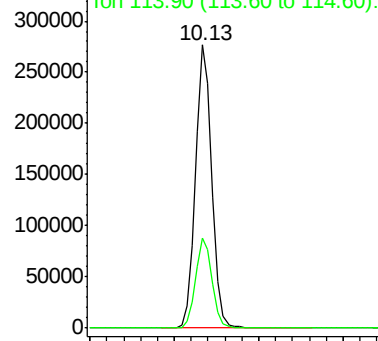
#65
Chlorobenzene
Concen: 53.866 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:112 Resp: 369384
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8

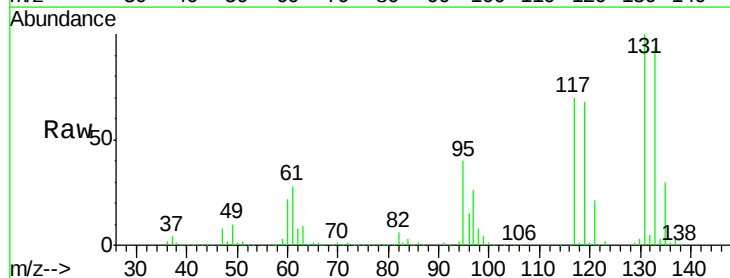


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

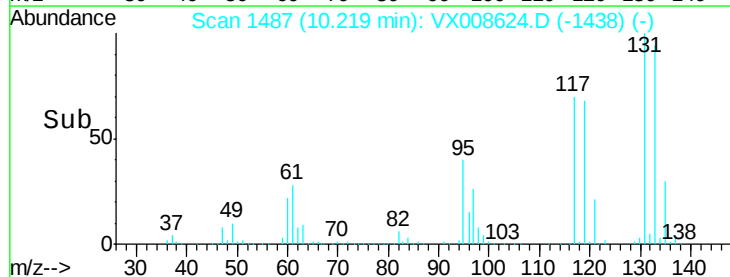
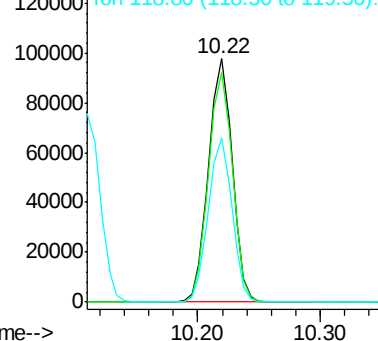


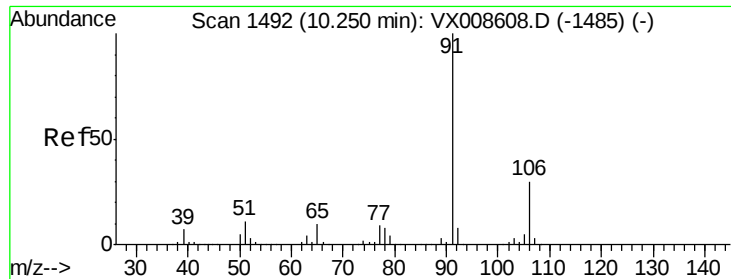
#66
1,1,1,2-Tetrachloroethane
Concen: 54.312 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion:131 Resp: 130659
Ion Ratio Lower Upper
131 100
133 95.3 47.0 141.2
119 67.7 33.7 101.0



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

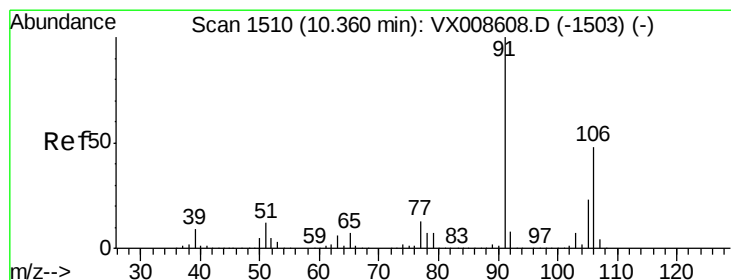
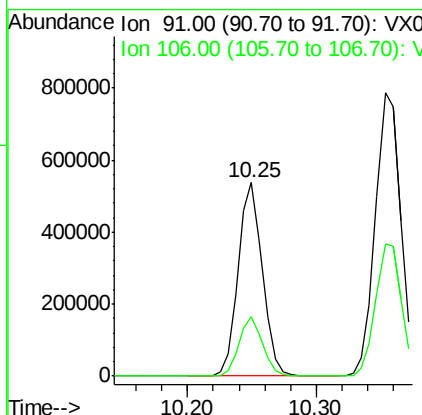
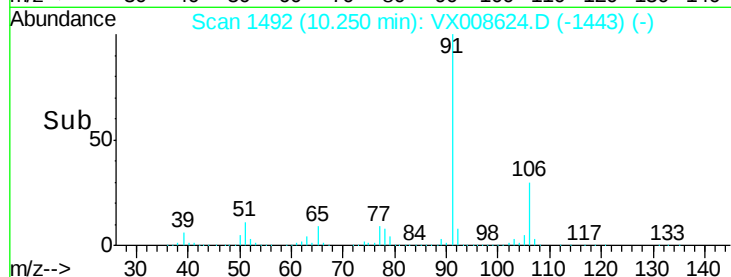
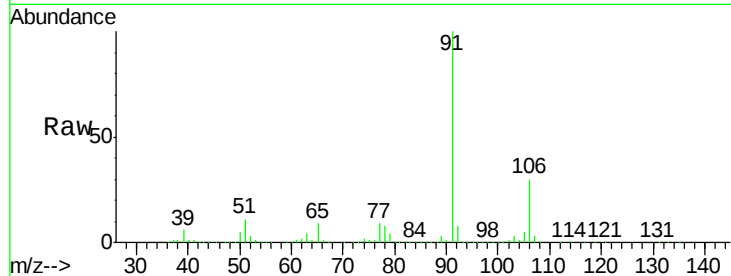




#67
 Ethyl Benzene
 Concen: 54.851 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

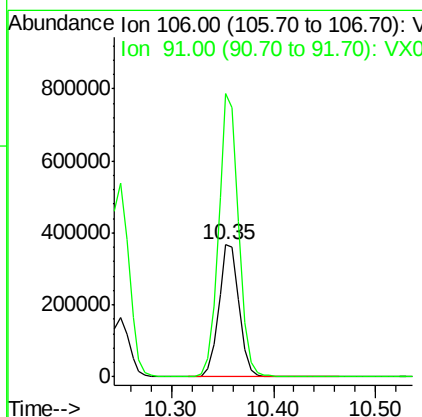
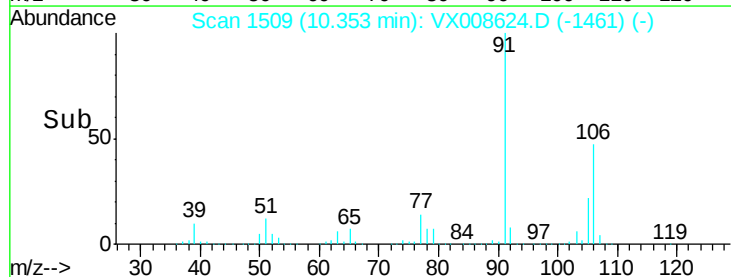
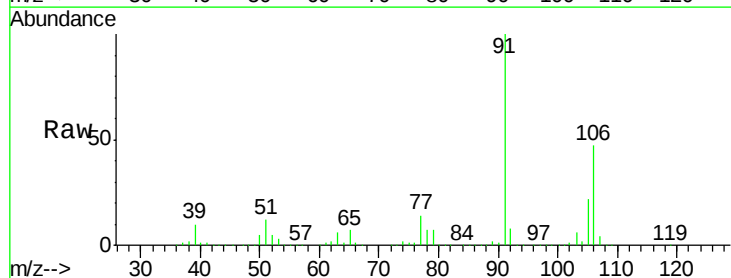
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

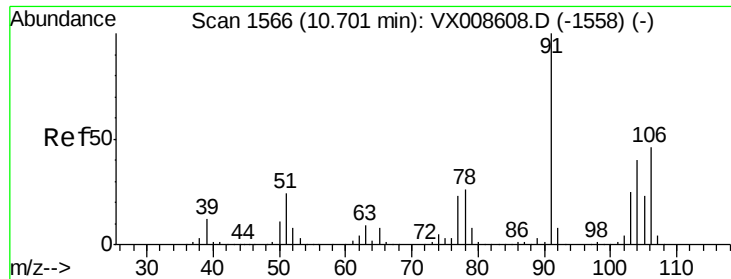
Tgt Ion: 91 Resp: 701376
 Ion Ratio Lower Upper
 91 100
 106 30.4 23.7 35.5



#68
 m/p-Xylenes
 Concen: 110.799 ug/l
 RT: 10.35 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion: 106 Resp: 509411
 Ion Ratio Lower Upper
 106 100
 91 210.9 168.5 252.7

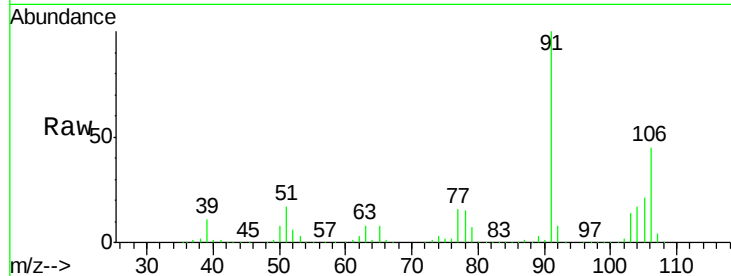




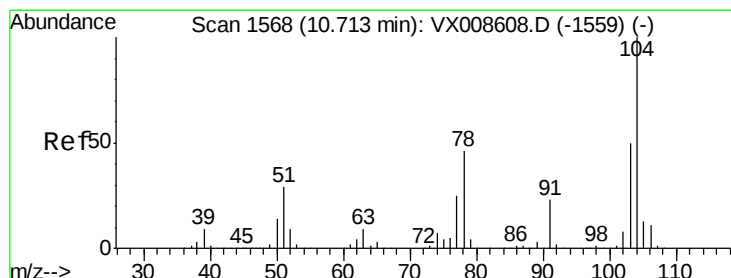
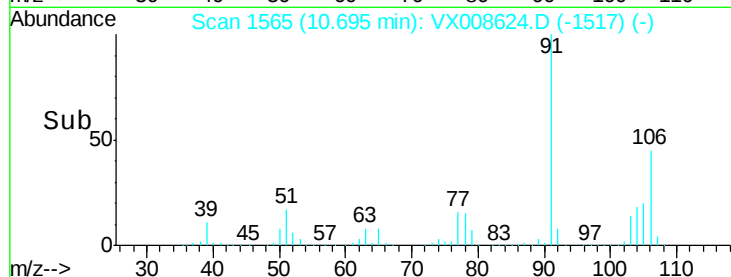
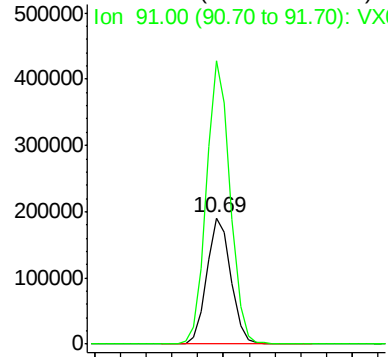
#69
o-Xylene
Concen: 55.728 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:106 Resp: 248299
Ion Ratio Lower Upper
106 100
91 221.2 111.5 334.4

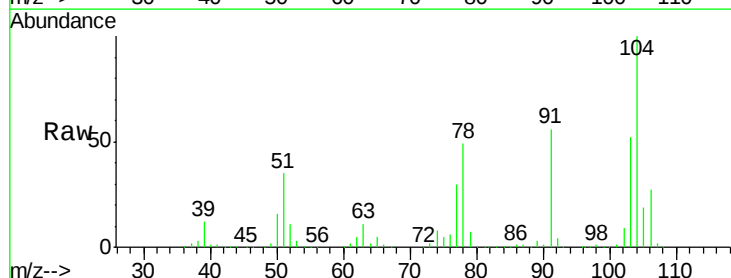


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

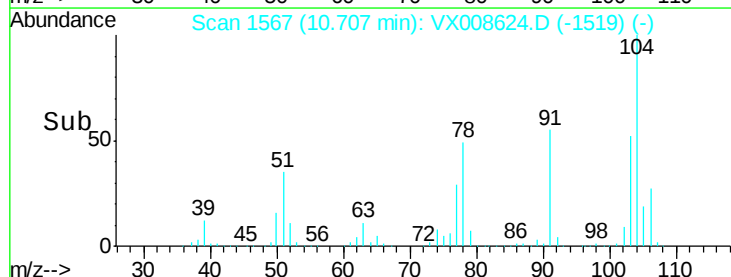
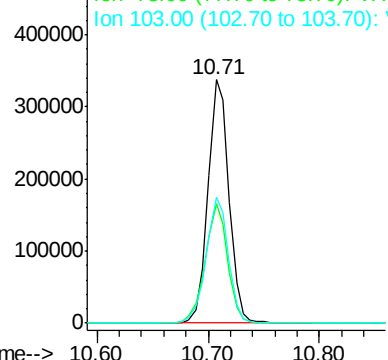


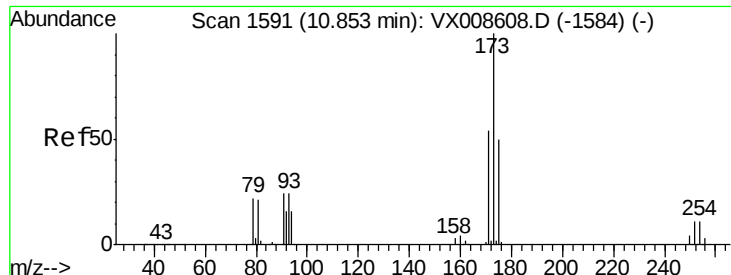
#70
Styrene
Concen: 56.999 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion:104 Resp: 437775
Ion Ratio Lower Upper
104 100
78 52.3 42.3 63.5
103 55.1 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 58.572 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

BFB

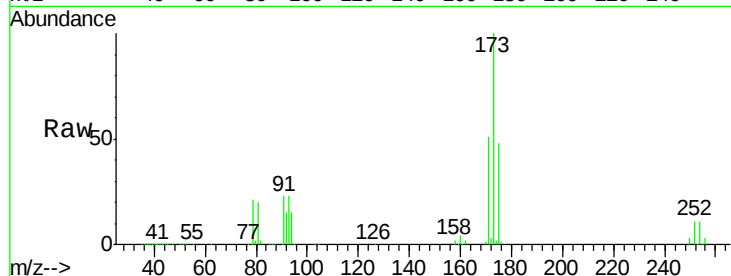
Tgt Ion:173 Resp: 107618

Ion Ratio Lower Upper

173 100

175 48.0 24.9 74.6

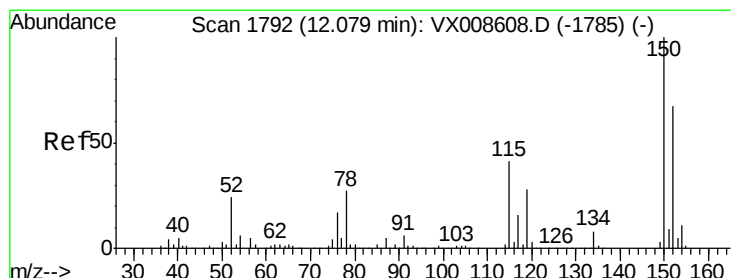
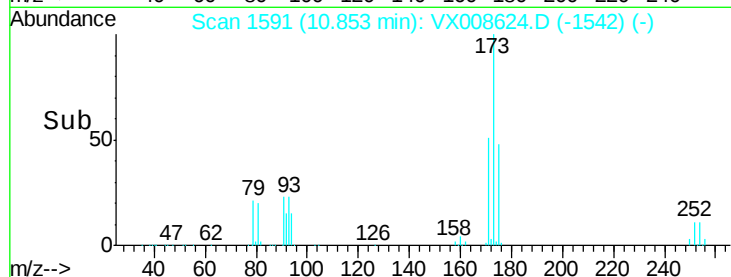
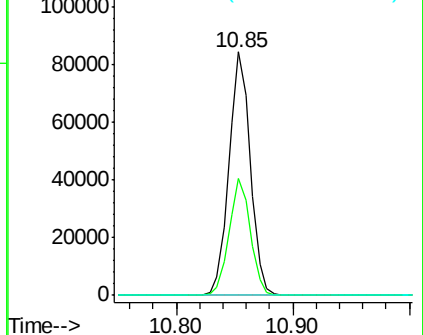
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

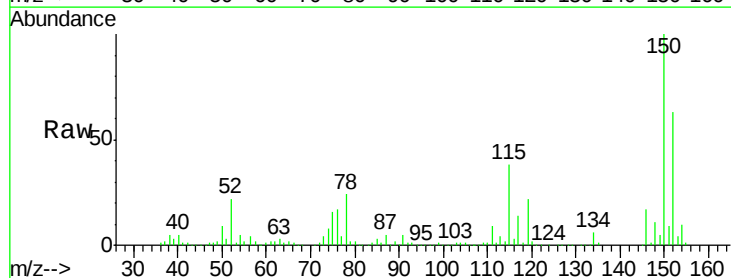
Tgt Ion:152 Resp: 149959

Ion Ratio Lower Upper

152 100

115 88.9 43.5 130.5

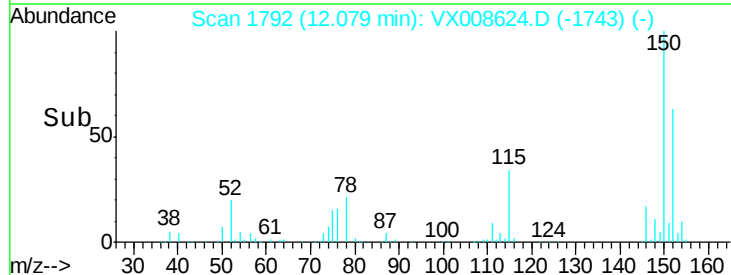
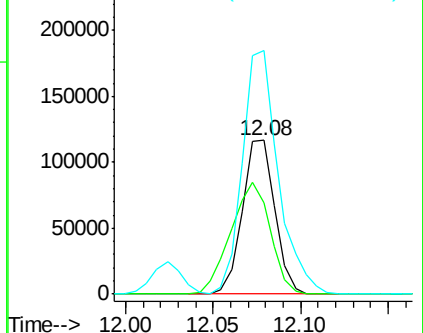
150 176.1 0.0 348.8

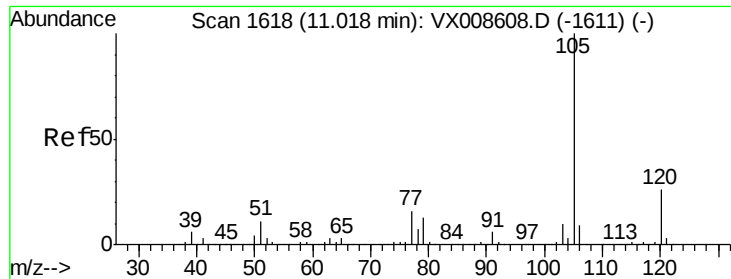


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.723 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

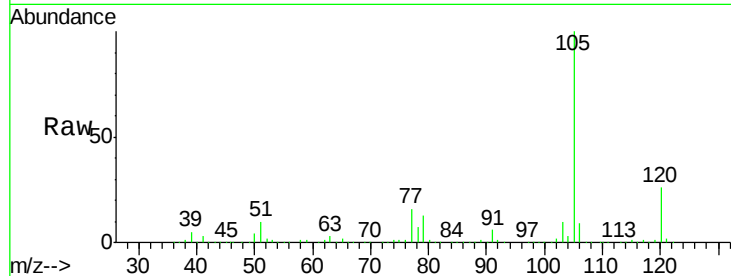
BFB

Tgt Ion: 105 Resp: 655214

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

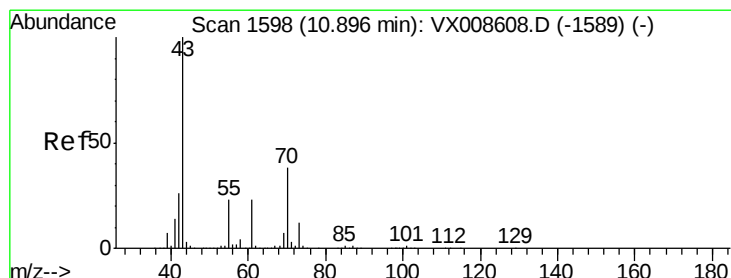
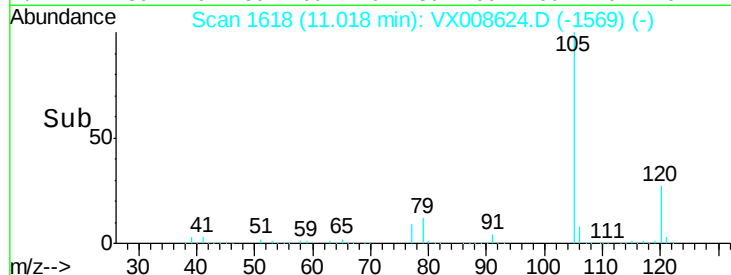
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 52.005 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Tgt Ion: 43 Resp: 380241

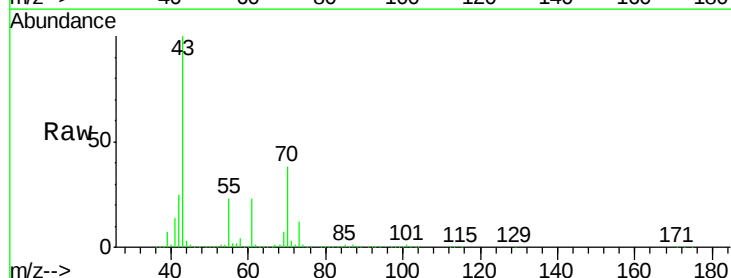
Ion Ratio Lower Upper

43 100

70 37.8 30.2 45.4

55 22.6 18.2 27.4

61 22.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

500000

400000

300000

200000

100000

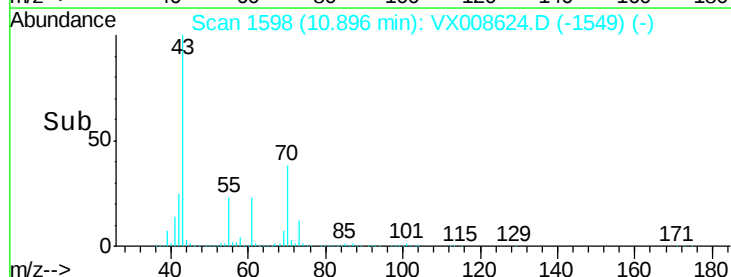
0

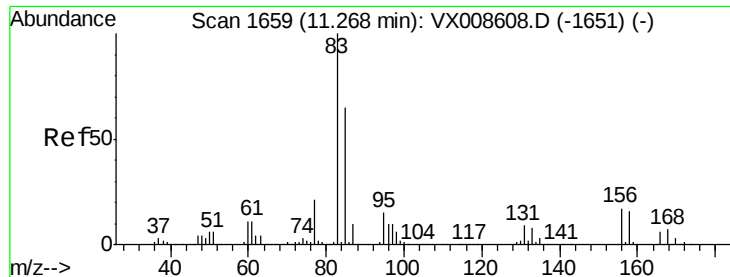
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.569 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

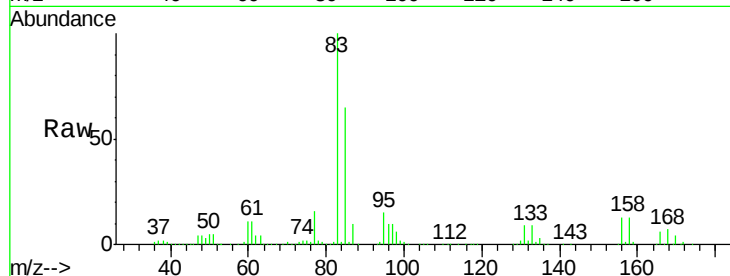
Tgt Ion: 83 Resp: 234282

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

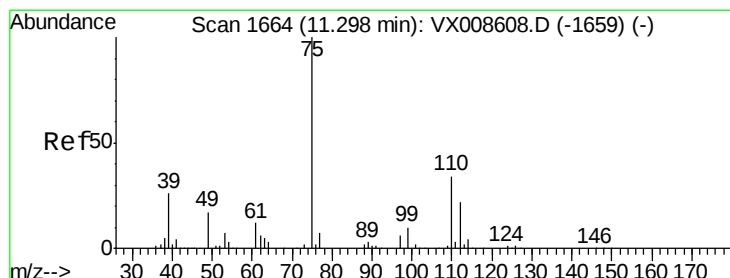
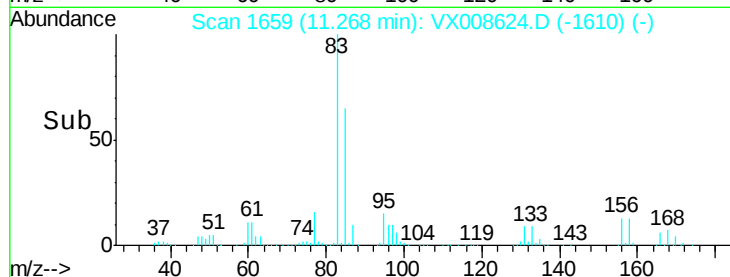
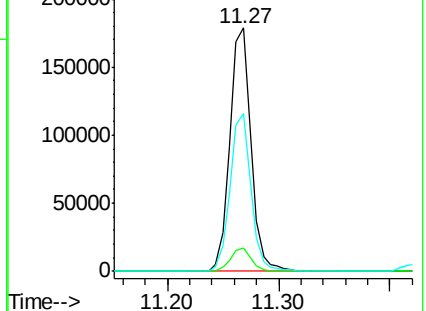
85 64.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.213 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008624.D

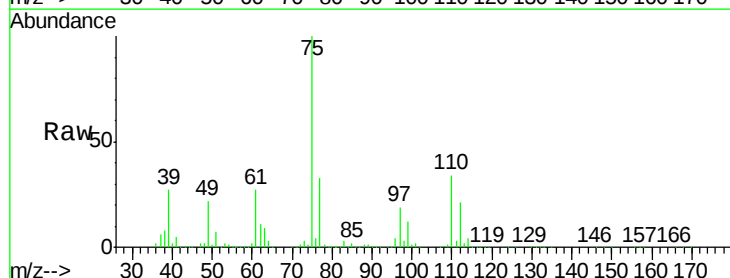
Acq: 04 Apr 2019 09:39

Tgt Ion: 75 Resp: 281006

Ion Ratio Lower Upper

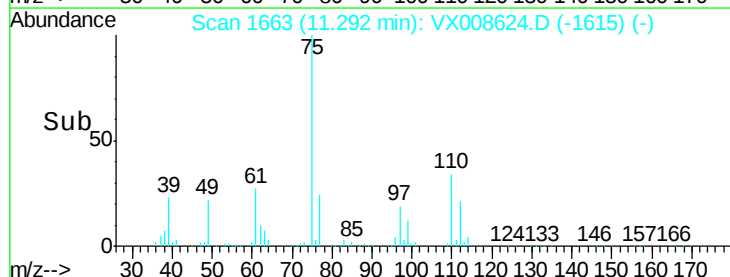
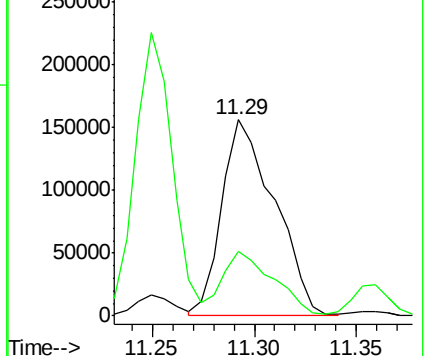
75 100

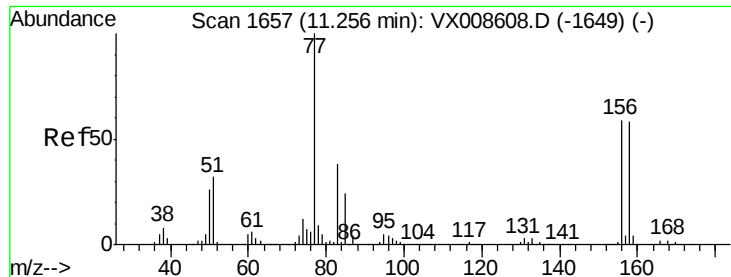
77 32.0 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.913 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

BFB

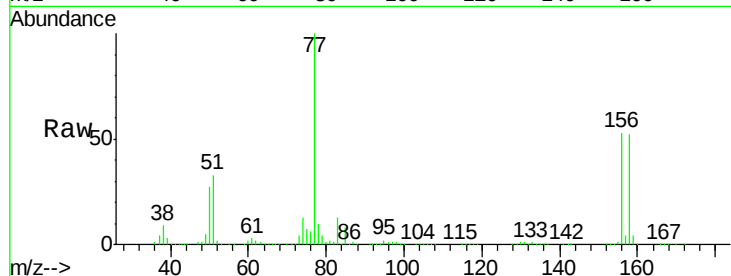
Tgt Ion:156 Resp: 158081

Ion Ratio Lower Upper

156 100

77 180.2 89.8 269.6

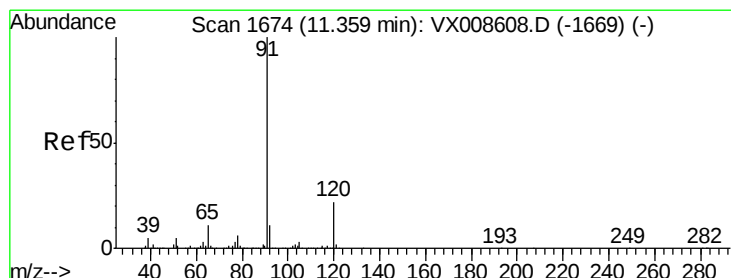
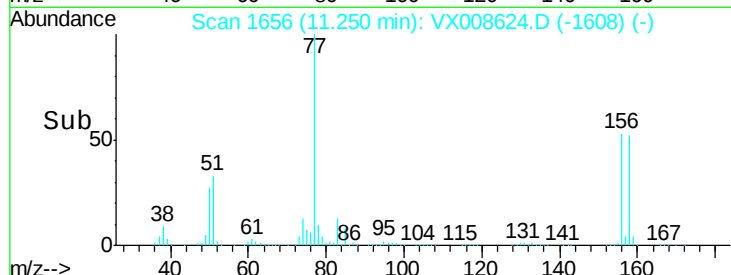
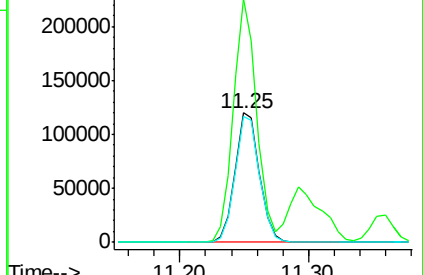
158 97.5 48.6 145.9



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: 54.409 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008624.D

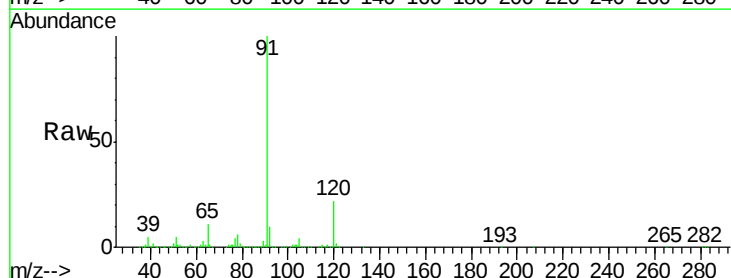
Acq: 04 Apr 2019 09:39

Tgt Ion: 91 Resp: 787309

Ion Ratio Lower Upper

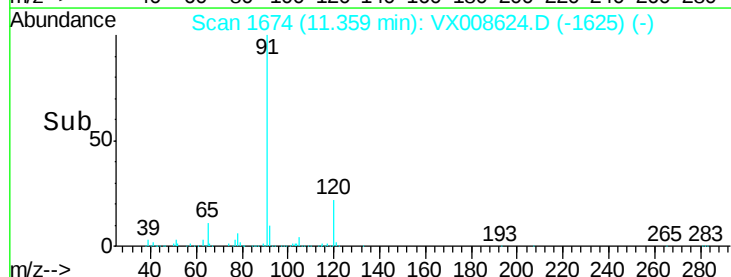
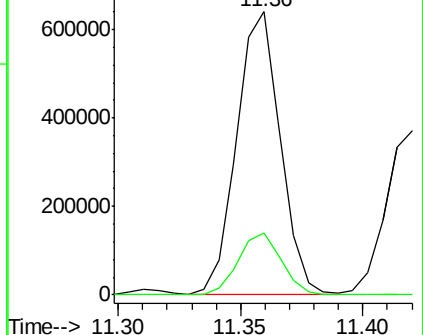
91 100

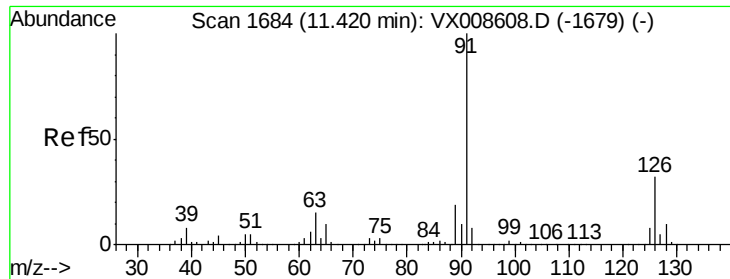
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.757 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

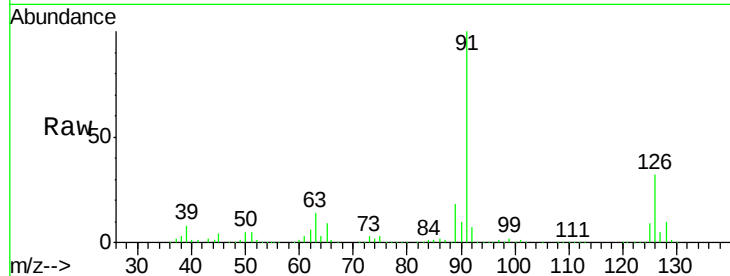
BFB

Tgt Ion: 91 Resp: 461980

Ion Ratio Lower Upper

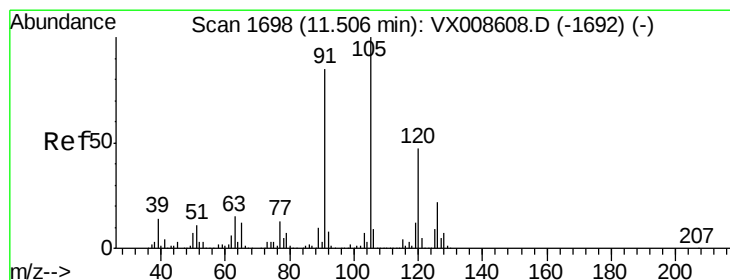
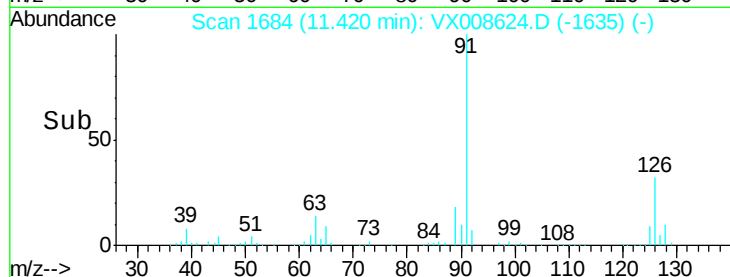
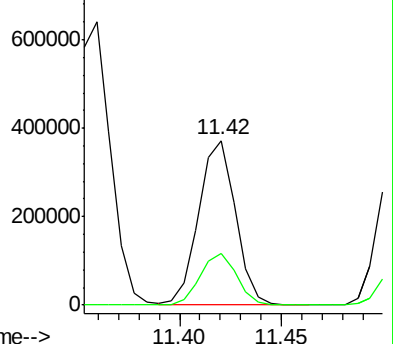
91 100

126 31.6 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008608.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.135 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008624.D

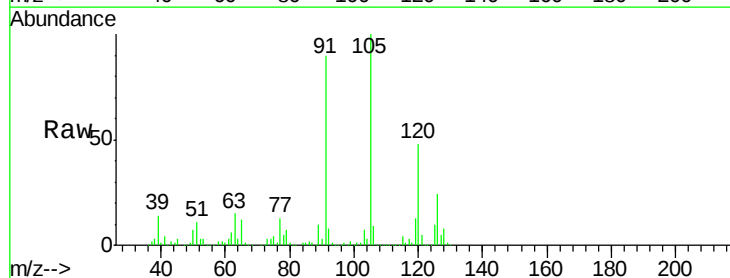
Acq: 04 Apr 2019 09:39

Tgt Ion: 105 Resp: 564731

Ion Ratio Lower Upper

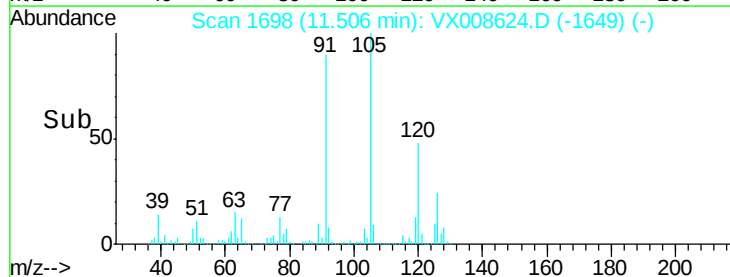
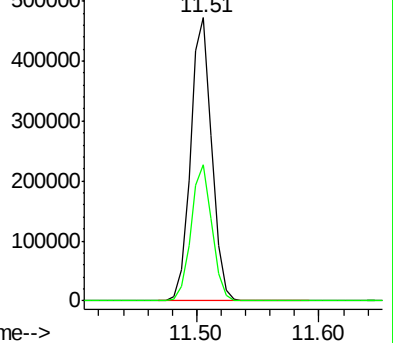
105 100

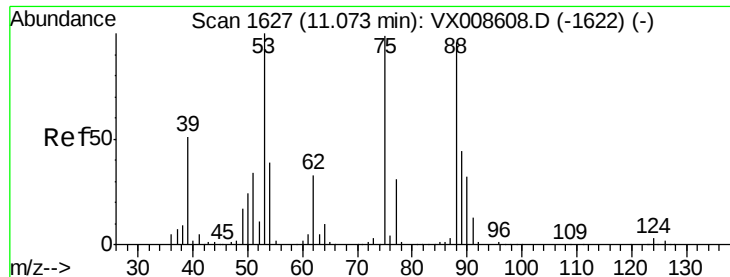
120 47.5 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008608.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008608.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 55.964 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

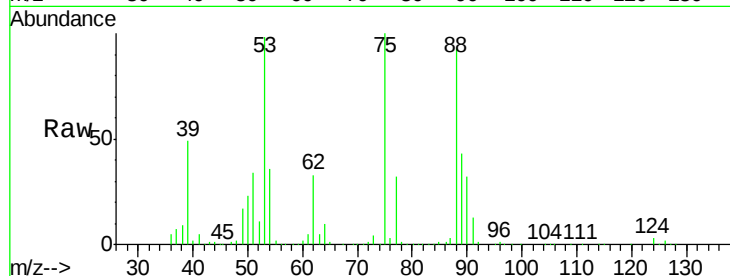
Tgt Ion: 75 Resp: 83635

Ion Ratio Lower Upper

75 100

53 102.0 81.3 121.9

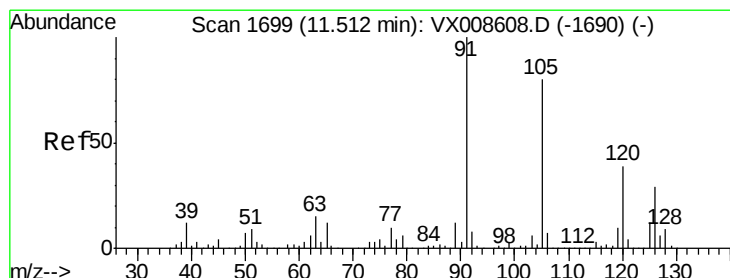
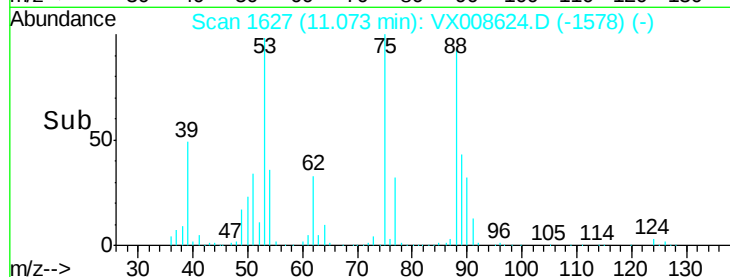
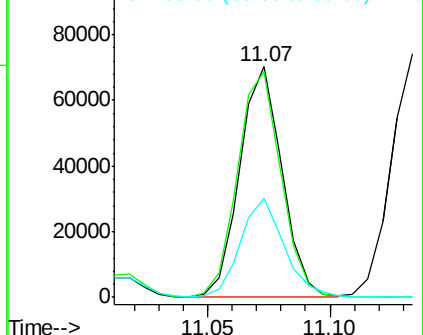
89 45.0 35.6 53.4



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: 53.098 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008624.D

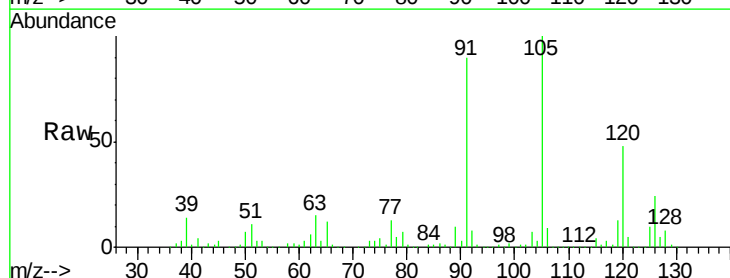
Acq: 04 Apr 2019 09:39

Tgt Ion: 91 Resp: 538216

Ion Ratio Lower Upper

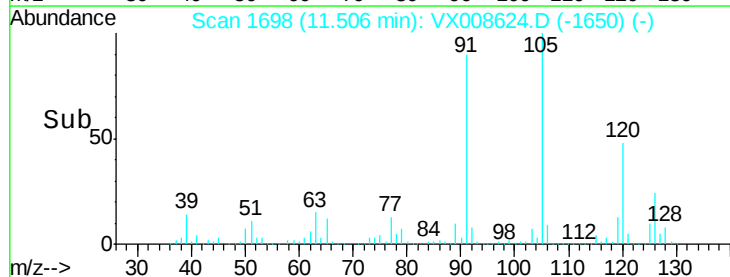
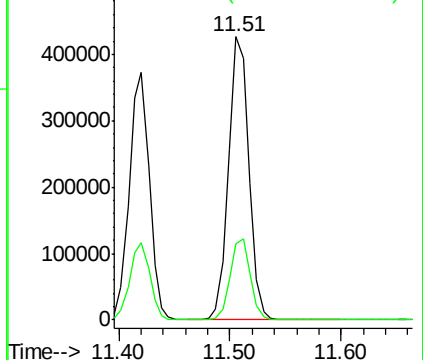
91 100

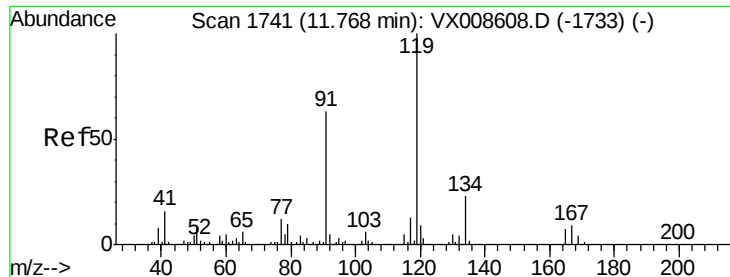
126 28.1 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

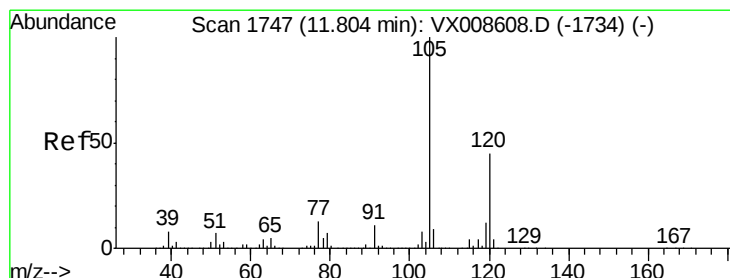
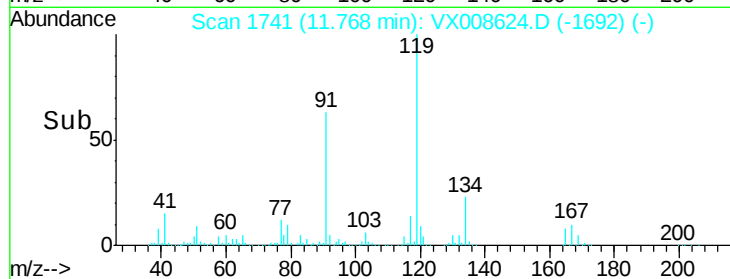
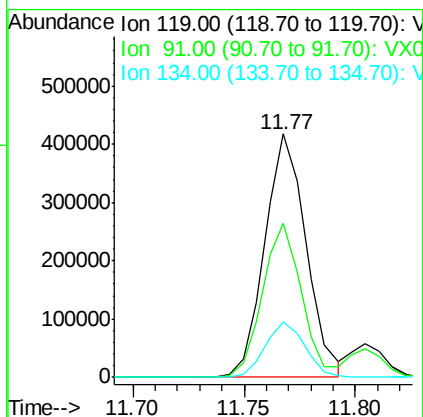
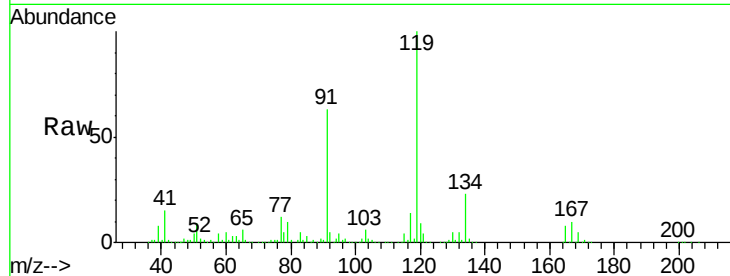




#83
 tert-Butylbenzene
 Concen: 53.631 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

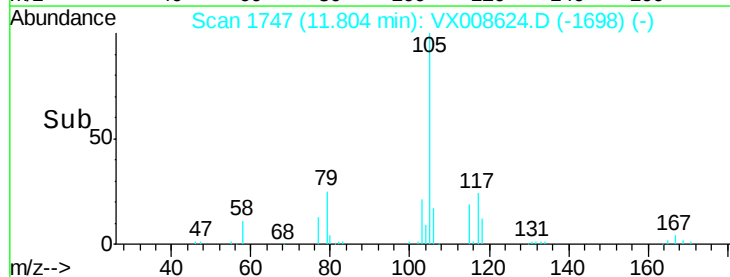
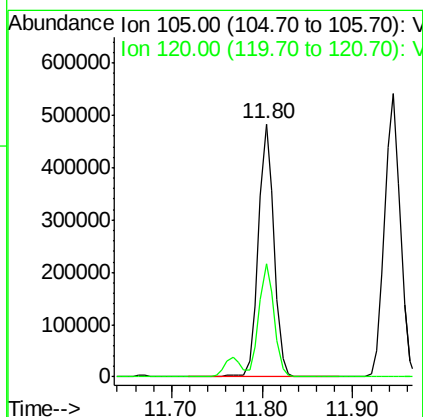
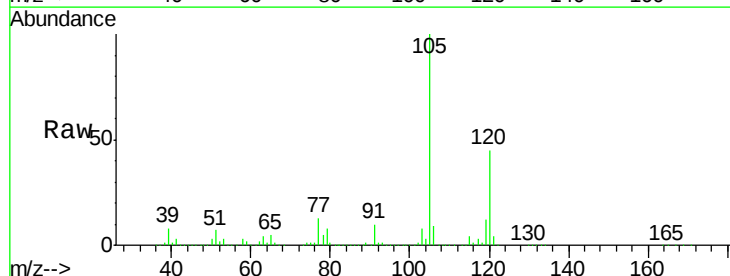
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

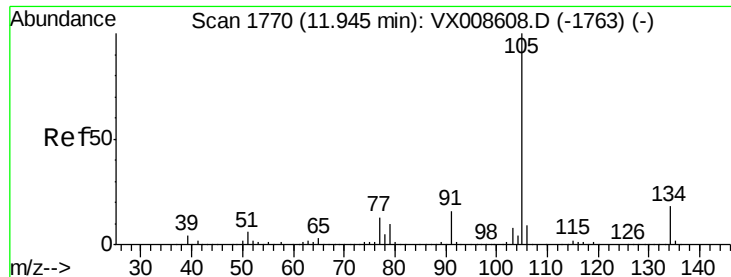
Tgt Ion:119 Resp: 538254
 Ion Ratio Lower Upper
 119 100
 91 60.1 30.0 90.1
 134 22.1 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 53.904 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion:105 Resp: 569388
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.8 65.3

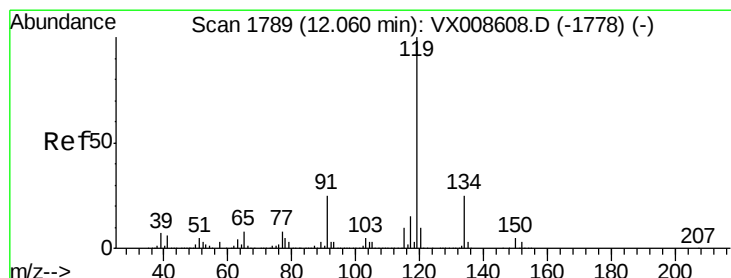
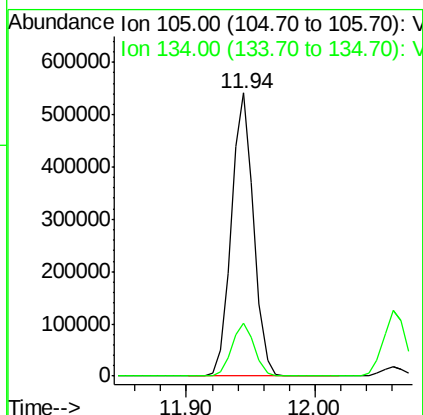
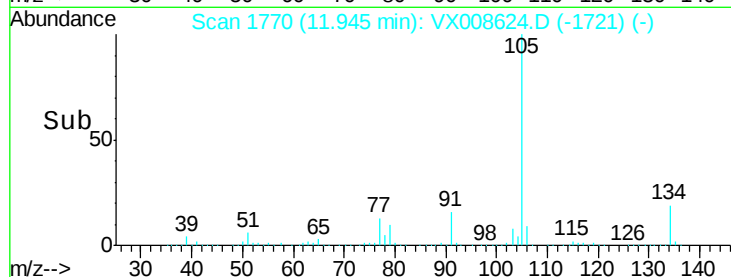
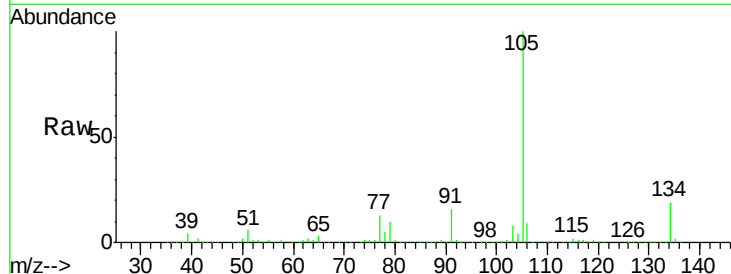




#85
 sec-Butylbenzene
 Concen: 54.668 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

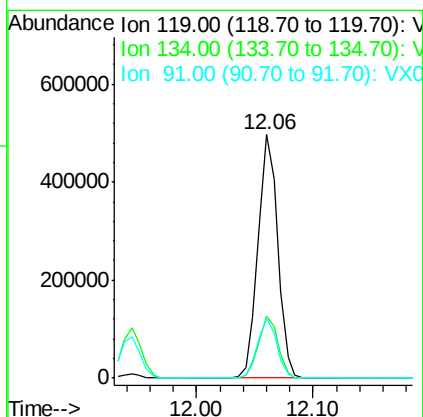
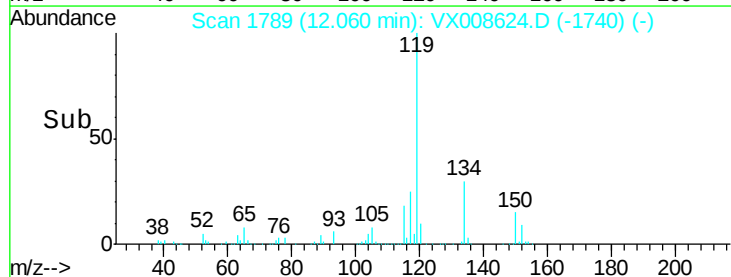
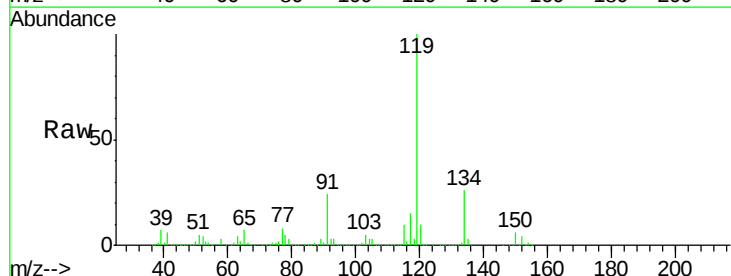
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

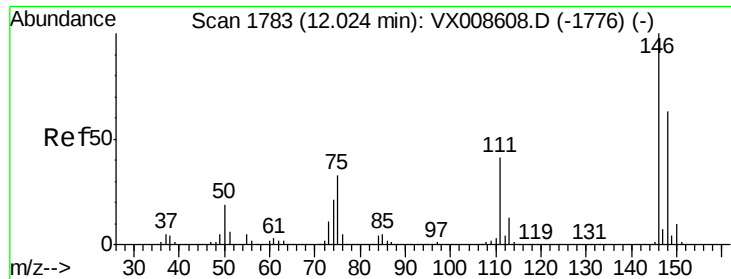
Tgt Ion:105 Resp: 651707
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 55.337 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion:119 Resp: 592101
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 24.2 12.2 36.6

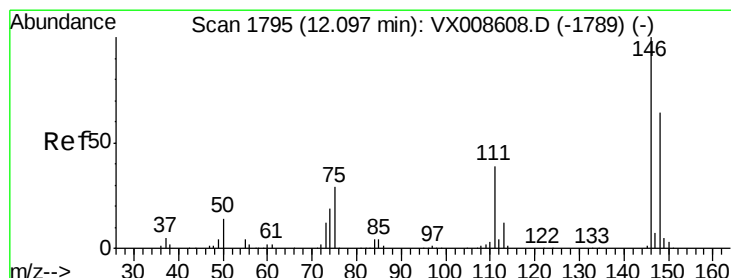
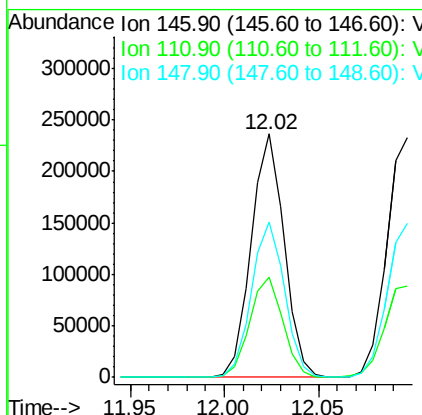
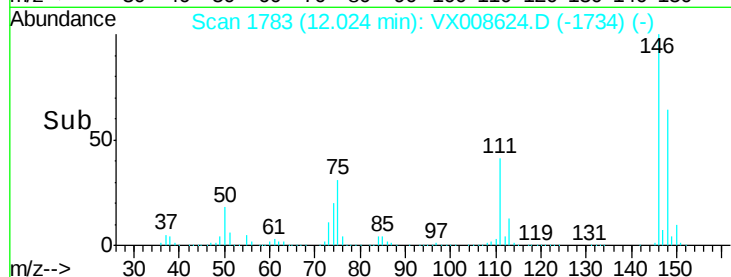
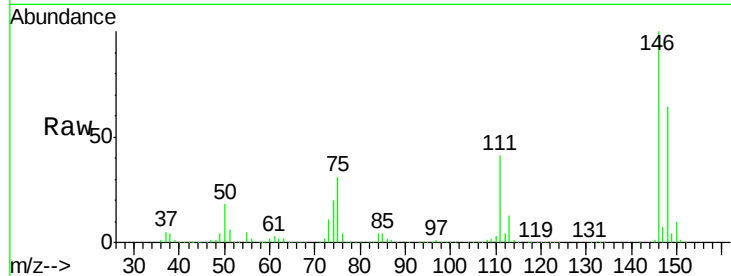




#87
 1,3-Dichlorobenzene
 Concen: 53.596 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

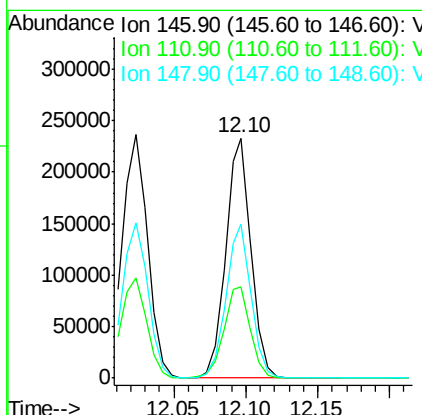
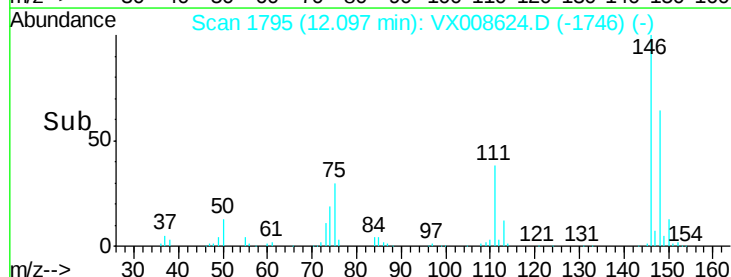
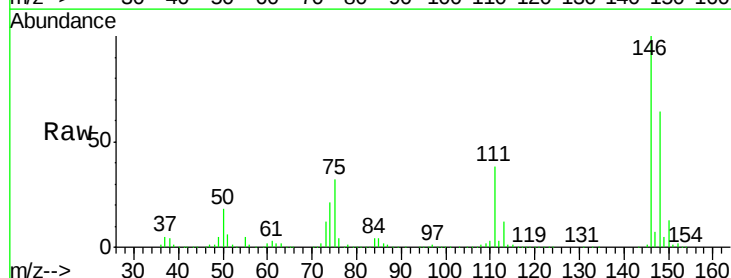
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

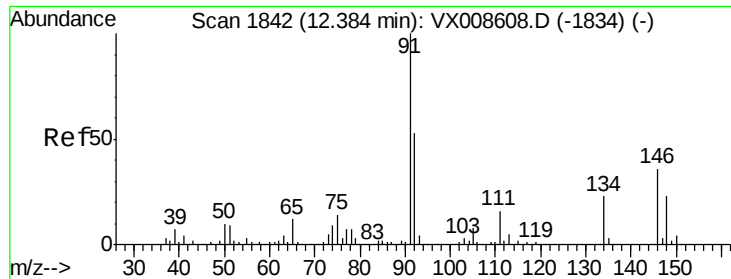
Tgt Ion:146 Resp: 286657
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.5 61.5
 148 64.0 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 52.729 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion:146 Resp: 285576
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.2 60.6
 148 63.7 32.0 96.0

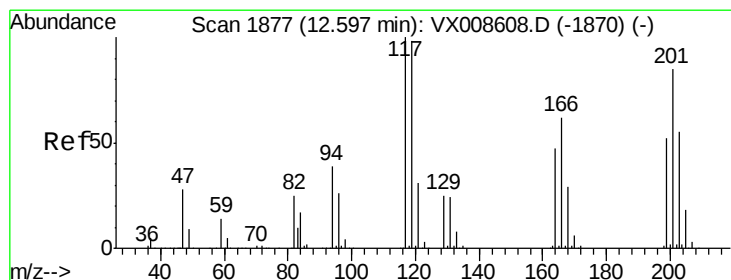
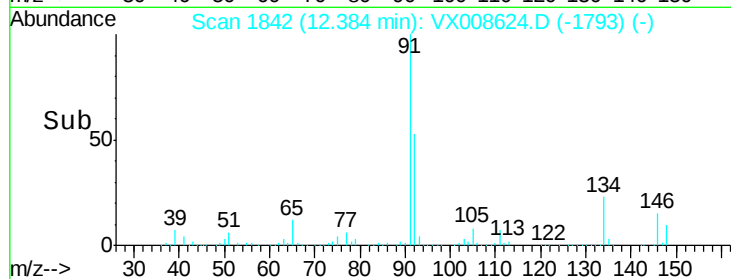
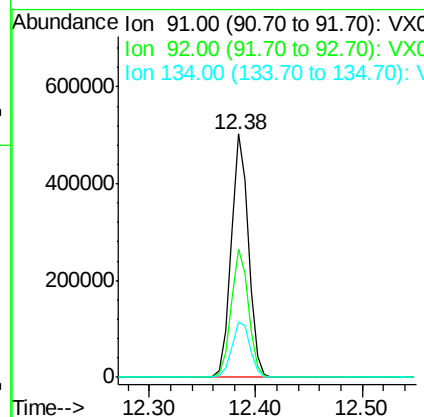
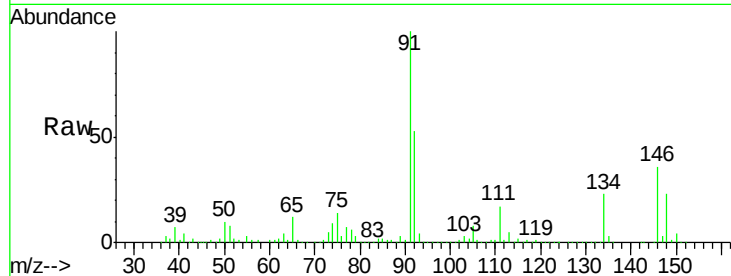




#89
n-Butylbenzene
Concen: 56.956 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

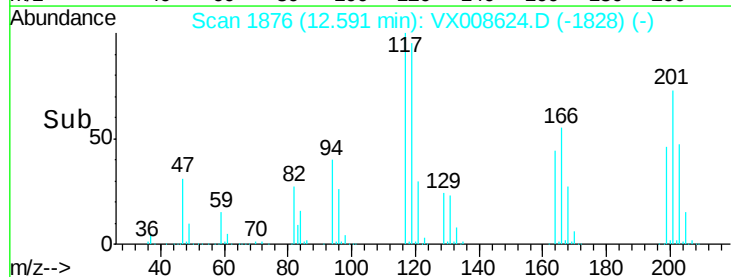
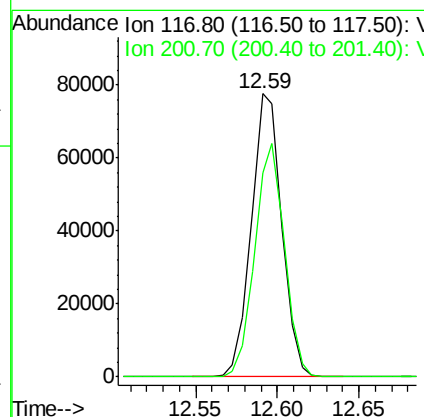
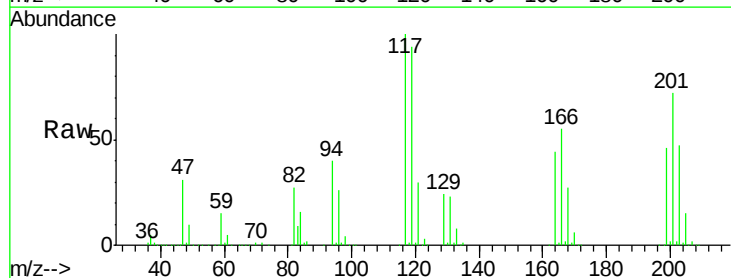
Instrument :
MSVOA_X
ClientSampleId :
BFB

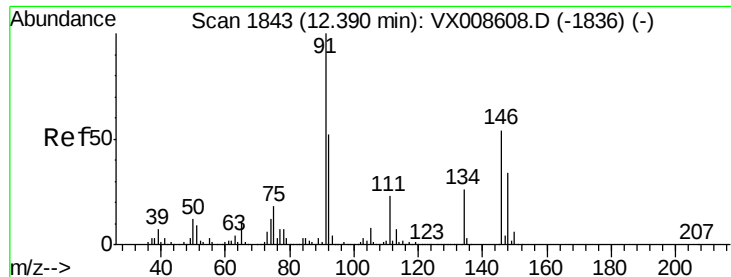
Tgt Ion: 91 Resp: 571528
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.2
134 24.0 12.0 36.0



#90
Hexachloroethane
Concen: 56.867 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion: 117 Resp: 100921
Ion Ratio Lower Upper
117 100
201 80.6 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 52.756 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

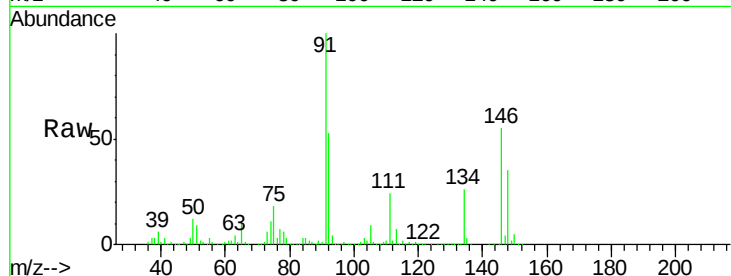
Tgt Ion:146 Resp: 280155

Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.9

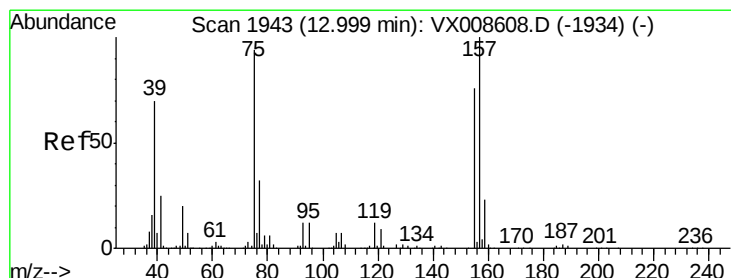
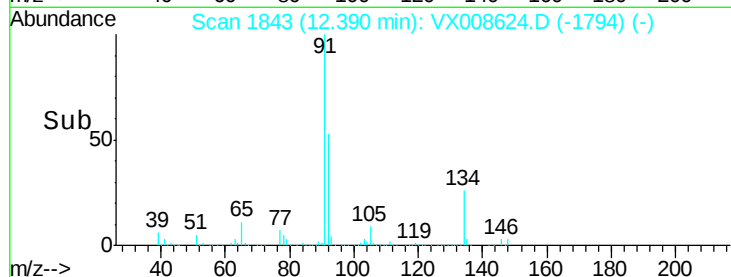
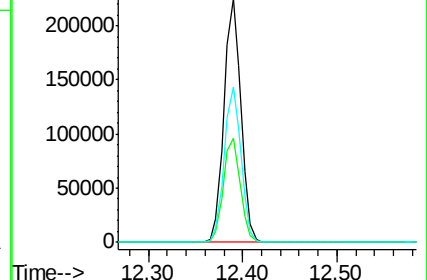
148 63.7 31.7 95.1



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: 49.536 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

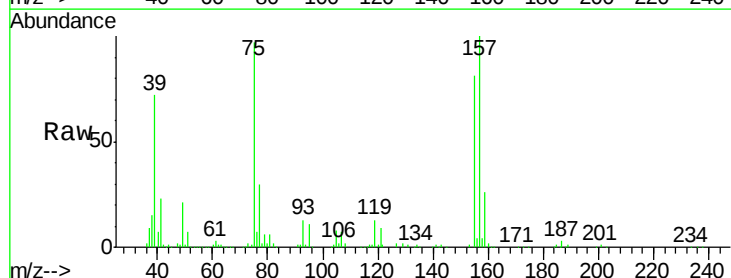
Tgt Ion: 75 Resp: 51504

Ion Ratio Lower Upper

75 100

155 79.2 39.9 119.6

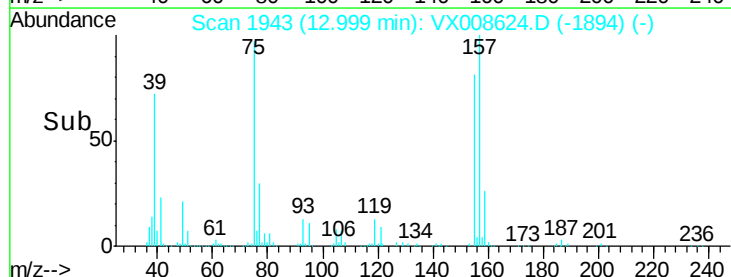
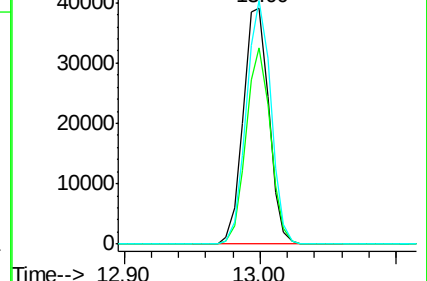
157 99.3 51.5 154.7

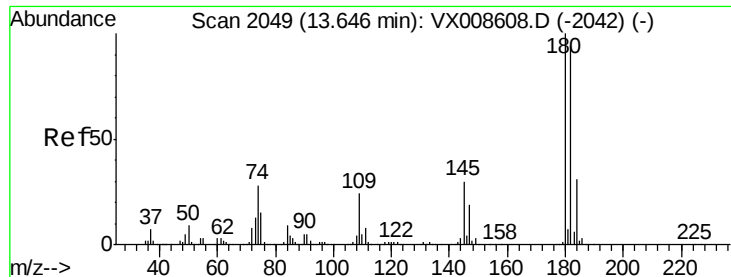


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

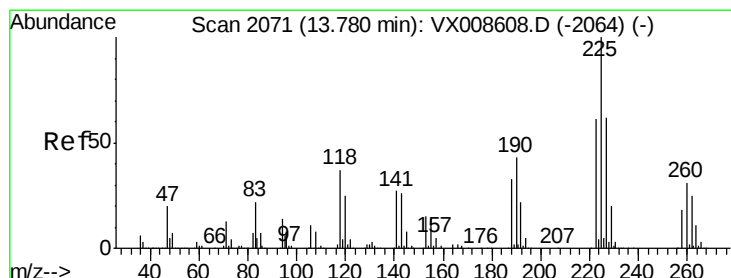
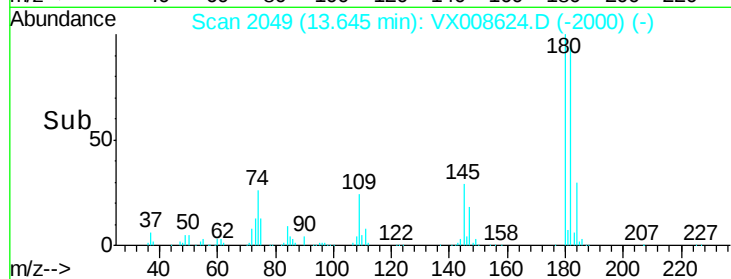
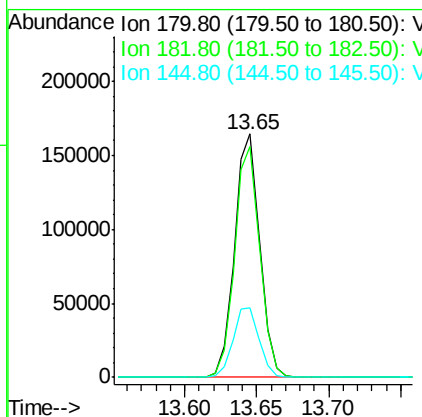
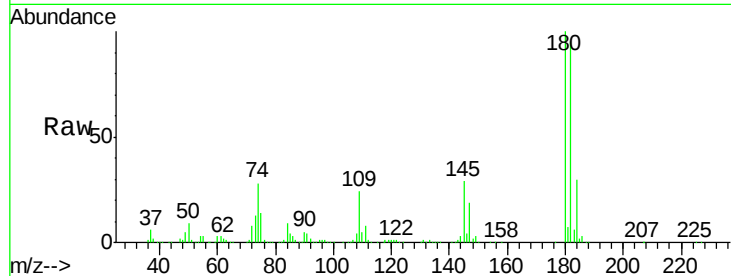




#93
 1,2,4-Trichlorobenzene
 Concen: 54.212 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

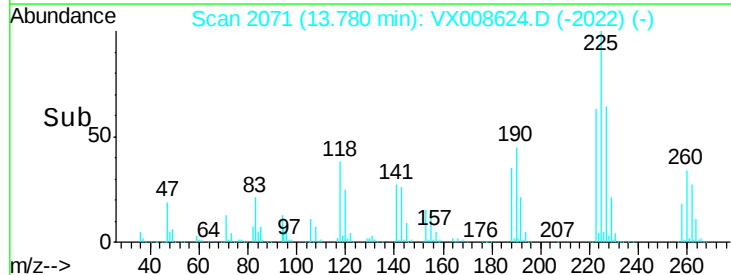
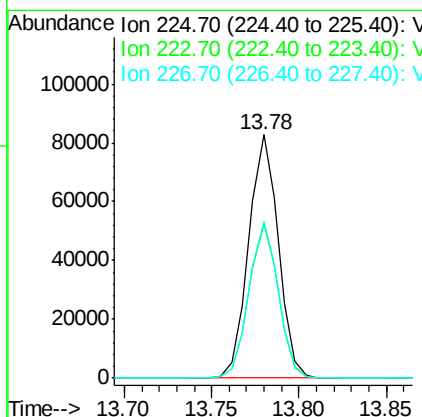
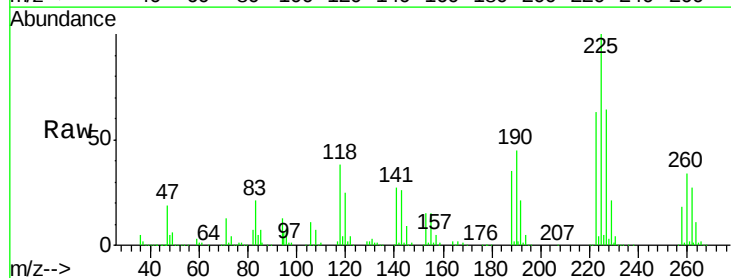
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

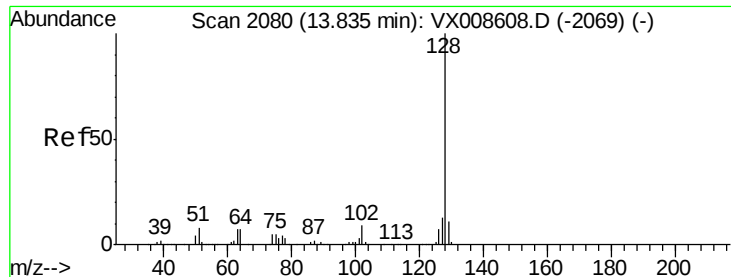
Tgt Ion:180 Resp: 200163
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.2 141.6
 145 30.0 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 55.242 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion:225 Resp: 97820
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.2 93.6
 227 63.9 31.9 95.5

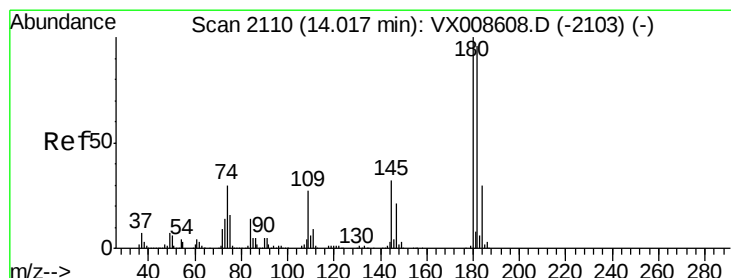
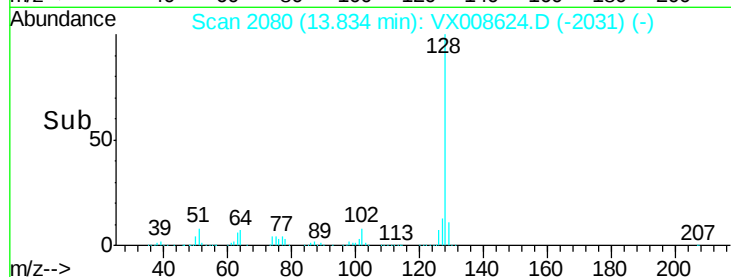
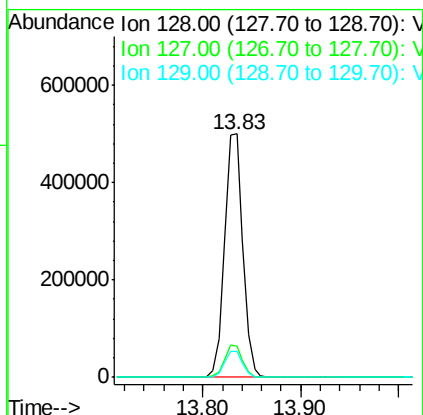
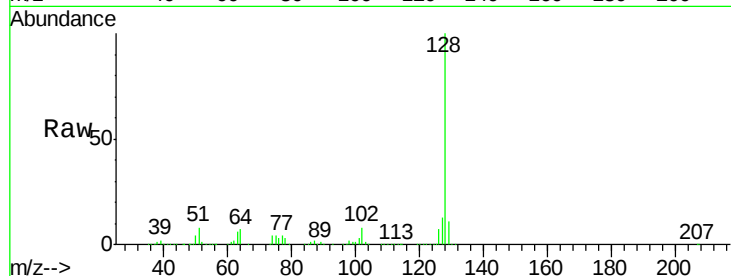




#95
Naphthalene
Concen: 52.126 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:128 Resp: 643252
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.892 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion:180 Resp: 195120
Ion Ratio Lower Upper
180 100
182 95.7 48.1 144.3
145 32.1 16.3 48.8

