

Data File : VX011291.D
Acq On : 02 Aug 2019 09:37
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Quant Time: Aug 03 05:37:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	228408	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	215057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118598	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	78002	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
35) Dibromofluoromethane	5.49	113	74680	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	8.71	98	281761	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.13	95	105007	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	58372	46.151	ug/l	97
3) Chloromethane	1.32	50	61942	43.611	ug/l	99
4) Vinyl Chloride	1.40	62	70888	45.373	ug/l	100
5) Bromomethane	1.63	94	49718	44.620	ug/l	97
6) Chloroethane	1.71	64	48006	49.611	ug/l	100
7) Trichlorofluoromethane	1.92	101	128817	46.371	ug/l	98
8) Diethyl Ether	2.18	74	43469	43.822	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	68866	45.816	ug/l	99
10) Methyl Iodide	2.50	142	84783	44.740	ug/l	100
11) Tert butyl alcohol	3.04	59	72200	219.550	ug/l	99
12) 1,1-Dichloroethene	2.36	96	67759	45.476	ug/l	96
13) Acrolein	2.28	56	46130	225.674	ug/l	100
14) Allyl chloride	2.72	41	94213	47.430	ug/l	100
15) Acrylonitrile	3.13	53	178232	227.114	ug/l	99
16) Acetone	2.43	43	196432	250.239	ug/l	100
17) Carbon Disulfide	2.56	76	164320	46.996	ug/l	100
18) Methyl Acetate	2.76	43	75997	42.364	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	203360	46.314	ug/l	99
20) Methylene Chloride	2.85	84	75304	43.803	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	72381	45.923	ug/l	93
22) Diisopropyl ether	3.84	45	199269	45.645	ug/l	94
23) Vinyl Acetate	3.81	43	869569	240.153	ug/l	100
24) 1,1-Dichloroethane	3.68	63	116073	45.090	ug/l	99
25) 2-Butanone	4.66	43	263194	235.704	ug/l	99
26) 2,2-Dichloropropane	4.57	77	94961	47.454	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	84070	46.308	ug/l	95
28) Bromochloromethane	5.01	49	54382	46.339	ug/l	99
29) Tetrahydrofuran	5.12	42	148033	216.213	ug/l	99
30) Chloroform	5.20	83	126453	45.197	ug/l	98
31) Cyclohexane	5.57	56	99928	47.051	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	111946	46.707	ug/l	100
36) 1,1-Dichloropropene	5.79	75	93849	47.061	ug/l	99
37) Ethyl Acetate	4.82	43	90385	45.185	ug/l	100
38) Carbon Tetrachloride	5.77	117	100206	49.945	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	114483	48.431	ug/l	97
40) Benzene	6.13	78	289181	48.595	ug/l	99
41) Methacrylonitrile	5.02	41	47862	43.812	ug/l	96
42) 1,2-Dichloroethane	6.18	62	94861	47.141	ug/l	100
43) Isopropyl Acetate	6.43	43	147355	46.076	ug/l	99
44) Trichloroethene	7.21	130	86044	47.769	ug/l	94
45) 1,2-Dichloropropane	7.51	63	71867	46.631	ug/l	92
46) Dibromomethane	7.65	93	52863	46.986	ug/l	98
47) Bromodichloromethane	7.89	83	94932	49.837	ug/l	97
48) Methyl methacrylate	7.76	41	72055	47.875	ug/l	100
49) 1,4-Dioxane	7.73	88	39320	901.149	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	494203	239.448	ug/l	100
52) Toluene	8.78	92	190530	48.425	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	102703	46.507	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	114411	51.418	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	78514	48.534	ug/l	98
56) Ethyl methacrylate	9.18	69	113333	49.161	ug/l	100
57) 1,3-Dichloropropane	9.37	76	122197	47.763	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	276586	244.008	ug/l	99
59) 2-Hexanone	9.49	43	397118	248.409	ug/l	100
60) Dibromochloromethane	9.58	129	83845	50.624	ug/l	100
61) 1,2-Dibromoethane	9.67	107	84767	48.500	ug/l	98
64) Tetrachloroethene	9.34	164	85996	47.086	ug/l	98
65) Chlorobenzene	10.13	112	218074	47.293	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	78141	49.499	ug/l	98
67) Ethyl Benzene	10.25	91	374929	48.551	ug/l	99
68) m/p-Xylenes	10.35	106	293398	98.224	ug/l	100
69) o-Xylene	10.69	106	140226	47.779	ug/l	100
70) Styrene	10.71	104	244092	50.264	ug/l	100
71) Bromoform	10.85	173	63388	45.197	ug/l #	99
73) Isopropylbenzene	11.02	105	382335	47.136	ug/l	100
74) N-amyl acetate	10.90	43	141068	48.132	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	121899	45.096	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	131395	60.836	ug/l	84
77) Bromobenzene	11.25	156	103575	46.049	ug/l	98
78) n-propylbenzene	11.36	91	439058	48.675	ug/l	99
79) 2-Chlorotoluene	11.42	91	251446	46.769	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	326144	48.033	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35520	44.466	ug/l	100
82) 4-Chlorotoluene	11.51	91	296584	47.335	ug/l	100
83) tert-Butylbenzene	11.77	119	319056	47.910	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	329613	48.757	ug/l	100
85) sec-Butylbenzene	11.94	105	387649	48.450	ug/l	100
86) p-Isopropyltoluene	12.06	119	362676	49.272	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	188179	47.351	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	188859	46.086	ug/l	99
89) n-Butylbenzene	12.38	91	313030	49.362	ug/l	99
90) Hexachloroethane	12.59	117	54720	50.283	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	185552	46.468	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24245	46.296	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080219\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128962	48.699	ug/l	99
94) Hexachlorobutadiene	13.78	225	65161	48.499	ug/l	98
95) Naphthalene	13.83	128	377945	48.803	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	126573	47.015	ug/l	98

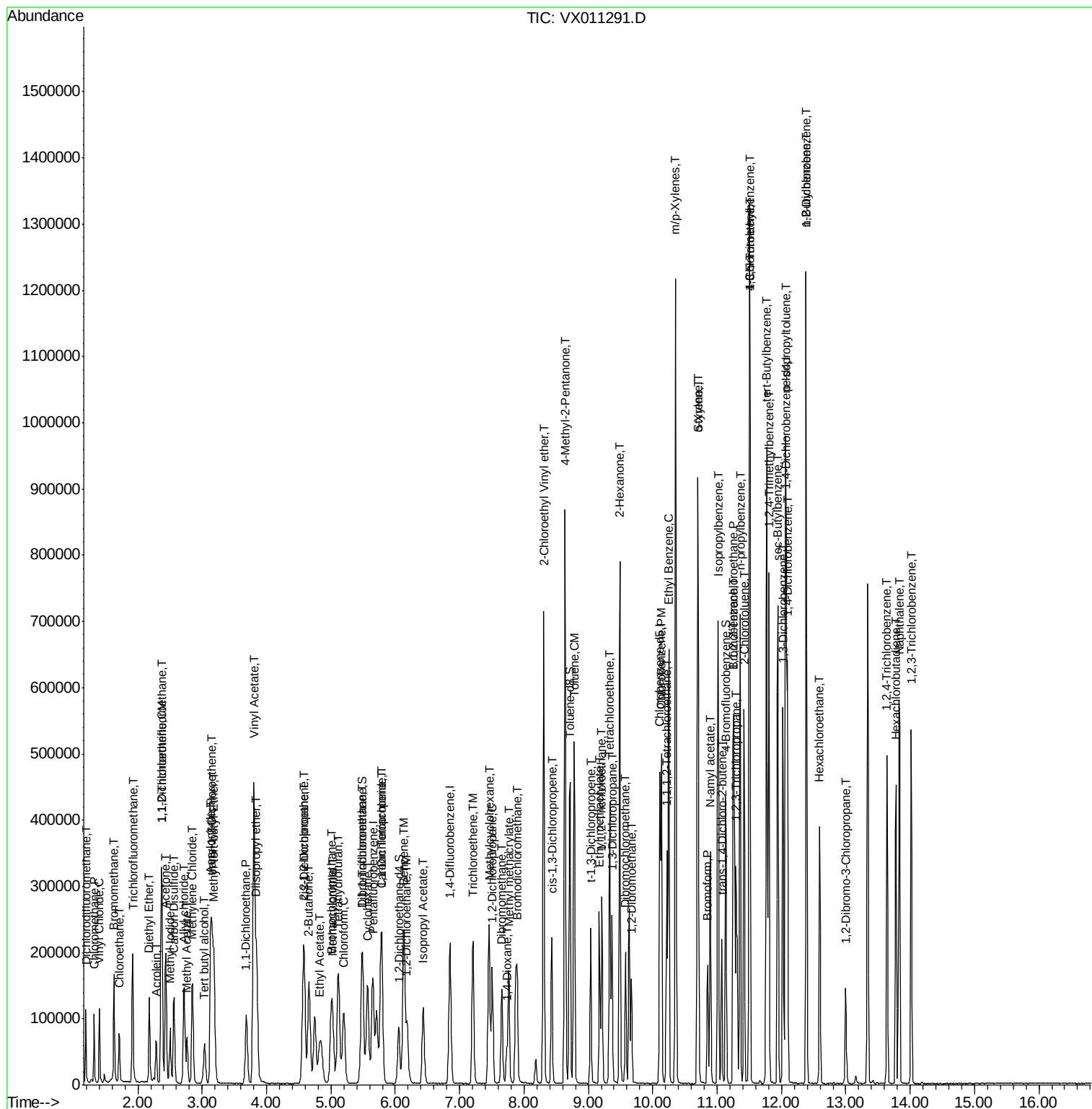
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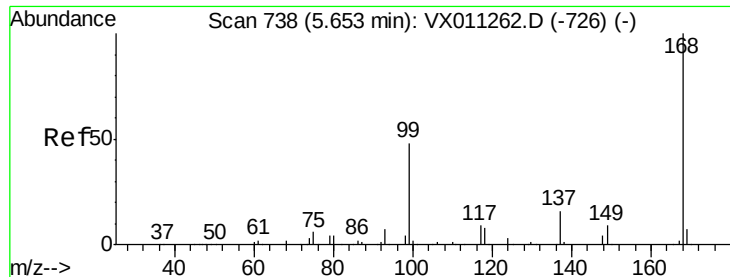
Data File : VX011291.D

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampleId :

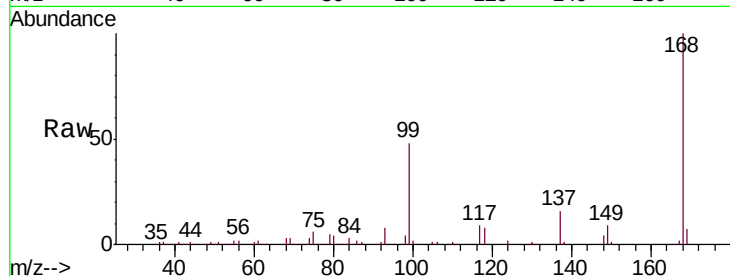
BFB

Tgt Ion:168 Resp: 163763

Ion Ratio Lower Upper

168 100

99 47.9 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

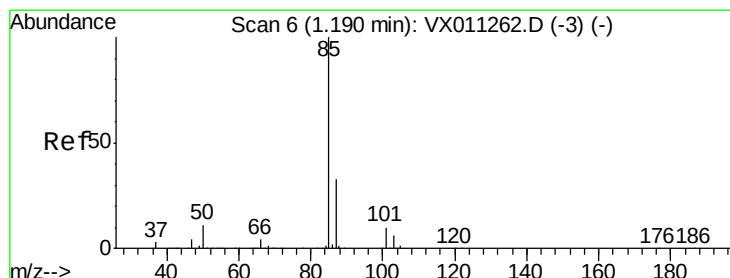
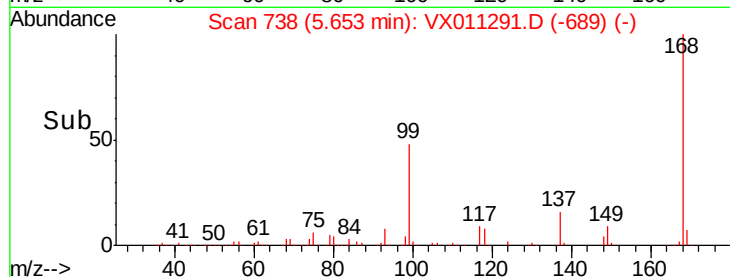
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.151 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011291.D

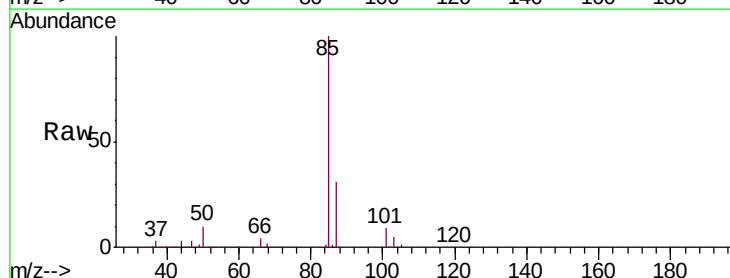
Acq: 02 Aug 2019 09:37

Tgt Ion: 85 Resp: 58372

Ion Ratio Lower Upper

85 100

87 31.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

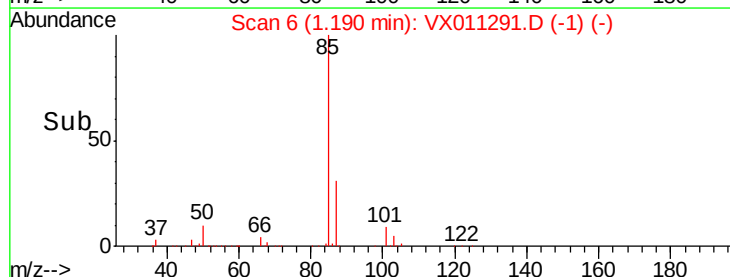
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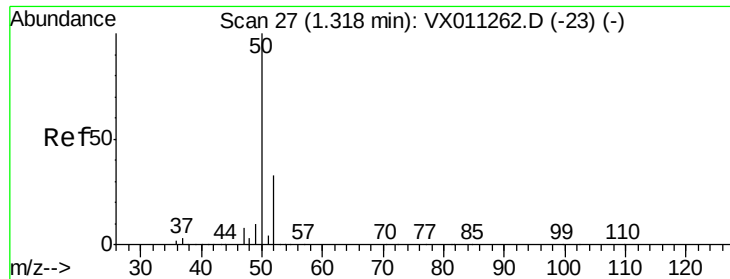
20000

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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.611 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampled :

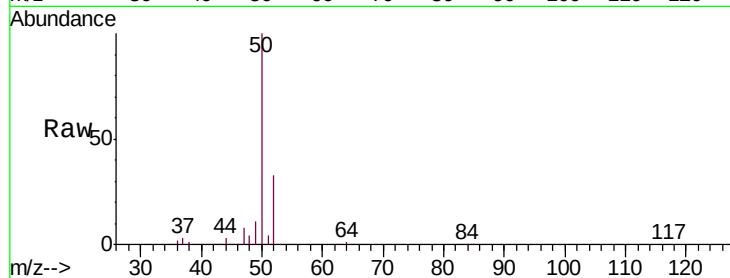
BFB

Tgt Ion: 50 Resp: 61942

Ion Ratio Lower Upper

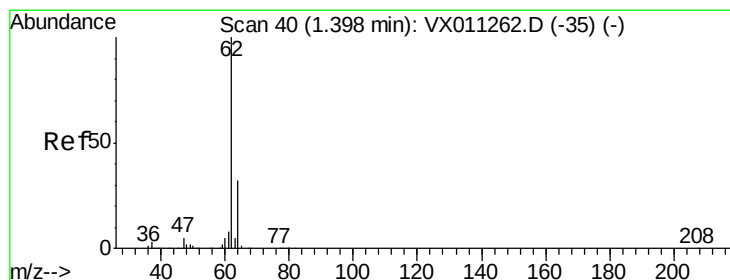
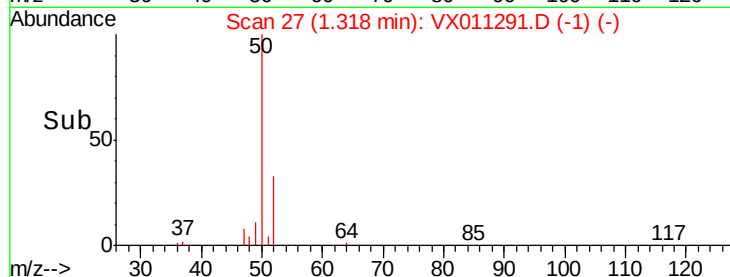
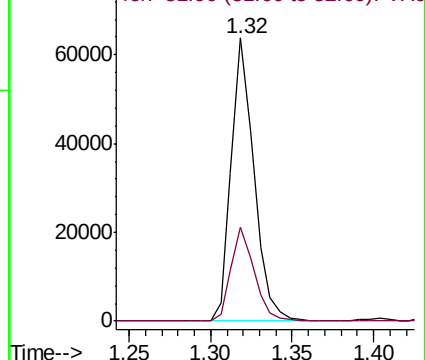
50 100

52 33.3 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.373 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011291.D

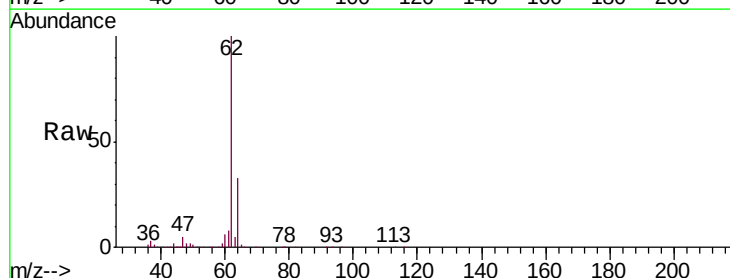
Acq: 02 Aug 2019 09:37

Tgt Ion: 62 Resp: 70888

Ion Ratio Lower Upper

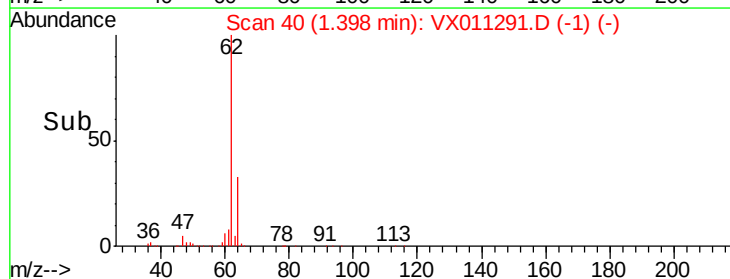
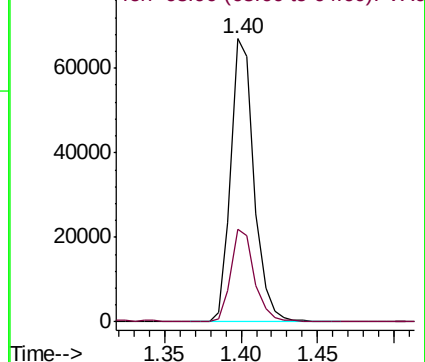
62 100

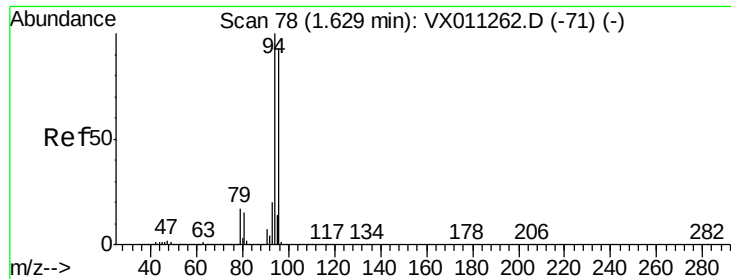
64 32.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.620 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampled :

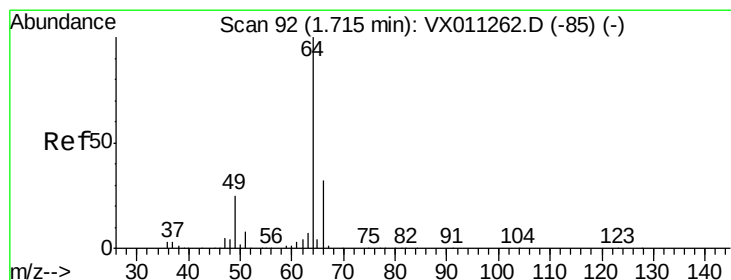
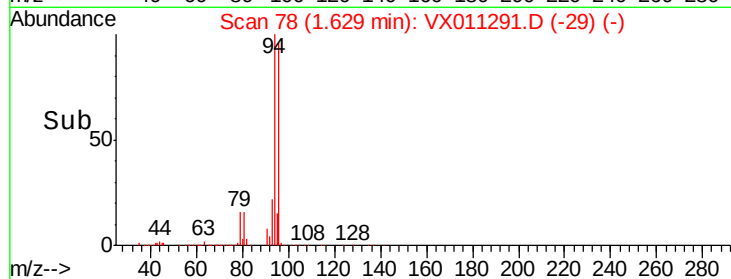
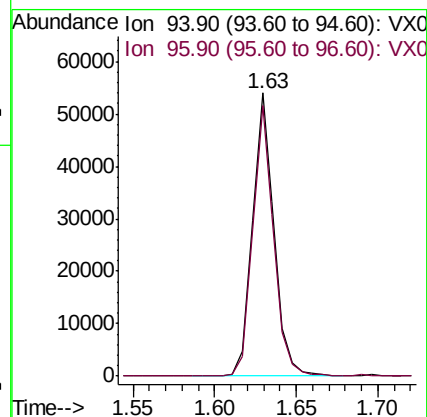
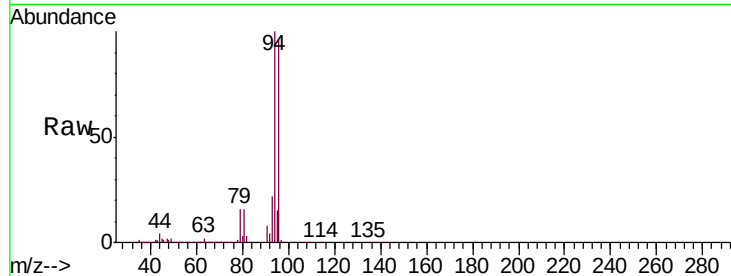
BFB

Tgt Ion: 94 Resp: 49718

Ion Ratio Lower Upper

94 100

96 95.7 74.6 112.0



#6

Chloroethane

Concen: 49.611 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011291.D

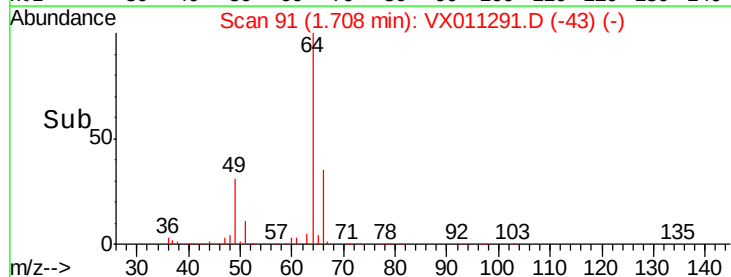
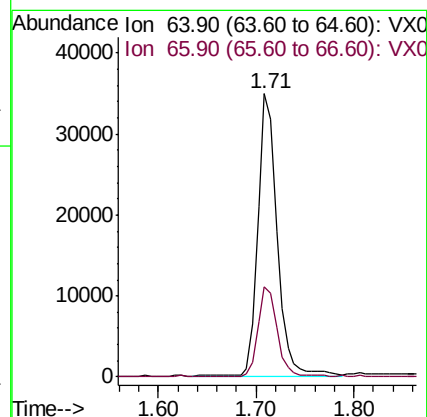
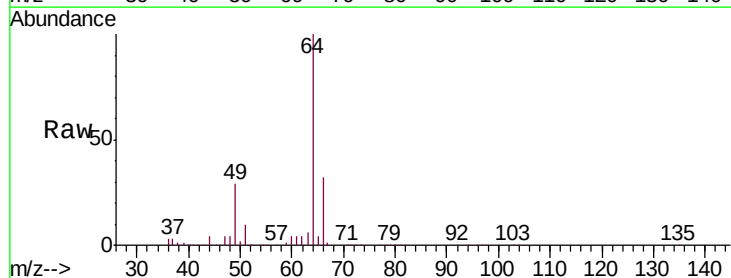
Acq: 02 Aug 2019 09:37

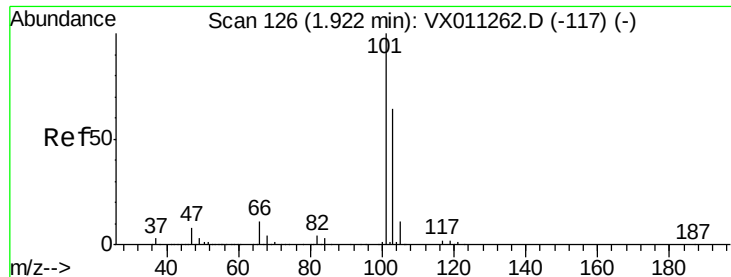
Tgt Ion: 64 Resp: 48006

Ion Ratio Lower Upper

64 100

66 31.6 25.1 37.7



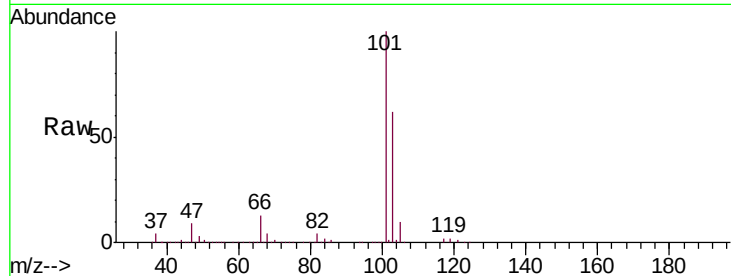


#7

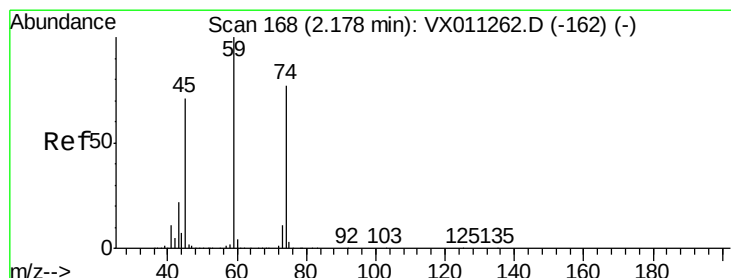
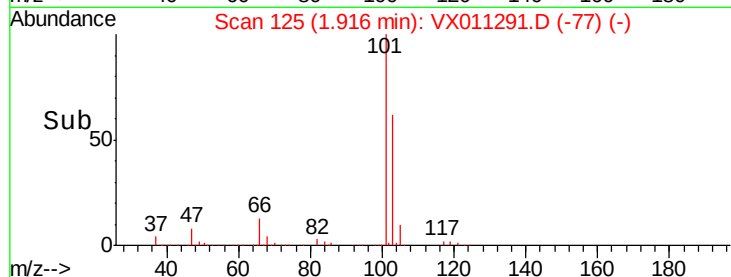
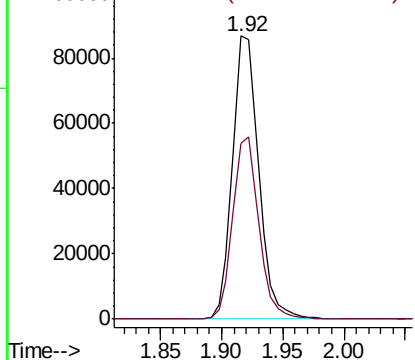
Trichlorofluoromethane
Concen: 46.371 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011291.D
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Tgt Ion:101 Resp: 128817
Ion Ratio Lower Upper
101 100
103 61.9 50.9 76.3



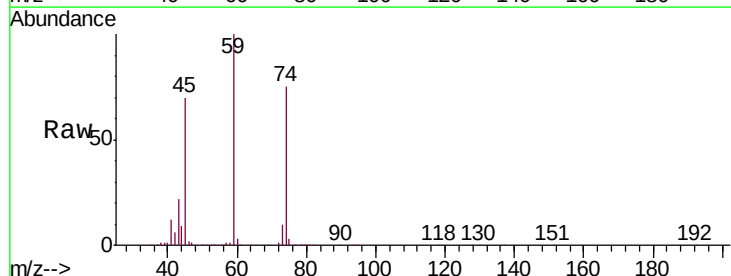
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



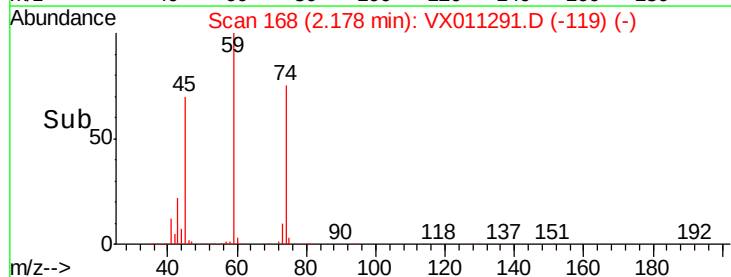
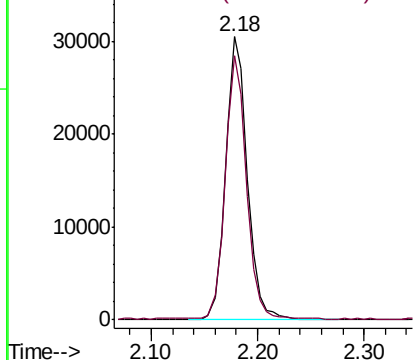
#8

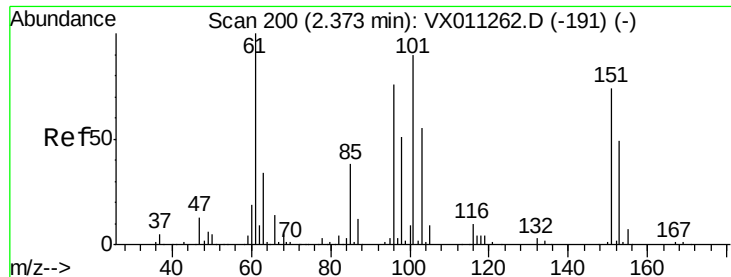
Diethyl Ether
Concen: 43.822 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011291.D
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Tgt Ion: 74 Resp: 43469
Ion Ratio Lower Upper
74 100
45 90.0 46.1 138.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.816 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampled :

BFB

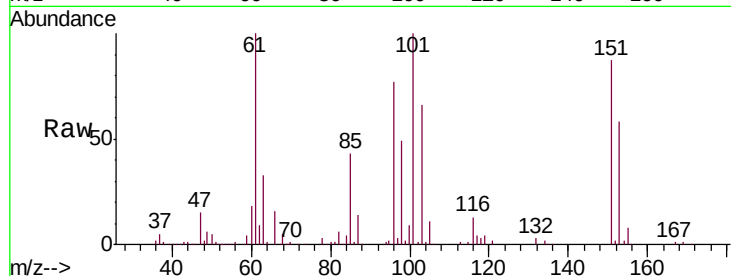
Tgt Ion:101 Resp: 68866

Ion Ratio Lower Upper

101 100

85 42.9 33.8 50.6

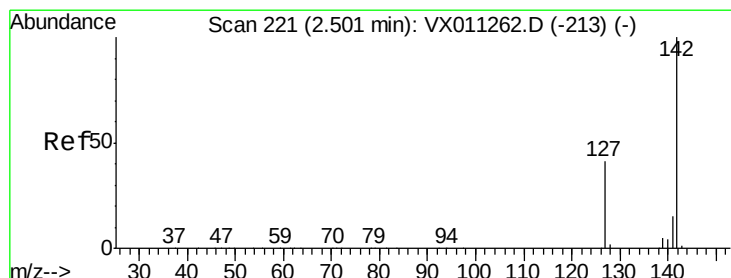
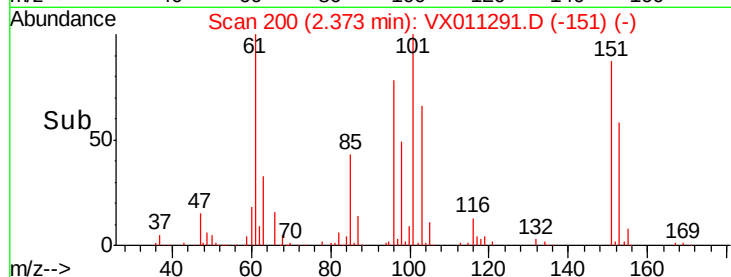
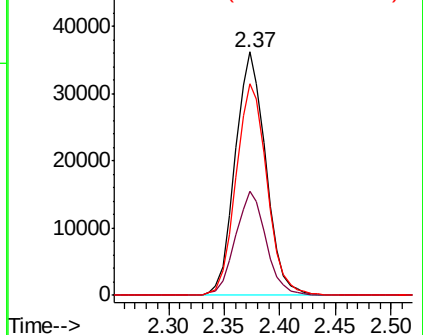
151 88.1 69.5 104.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.740 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

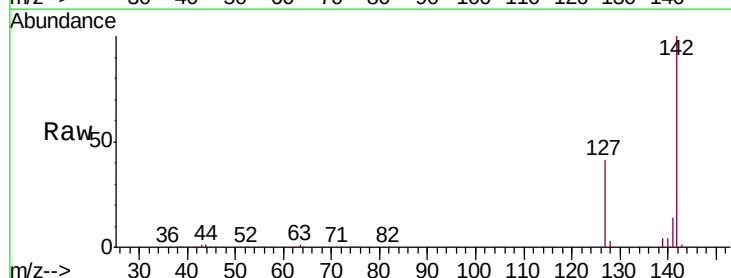
Tgt Ion:142 Resp: 84783

Ion Ratio Lower Upper

142 100

127 42.4 33.8 50.8

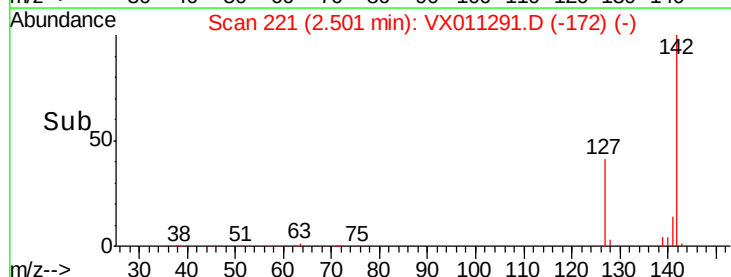
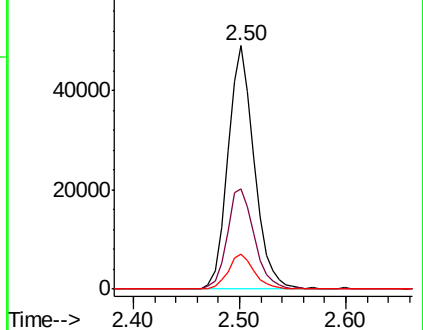
141 14.2 11.4 17.2

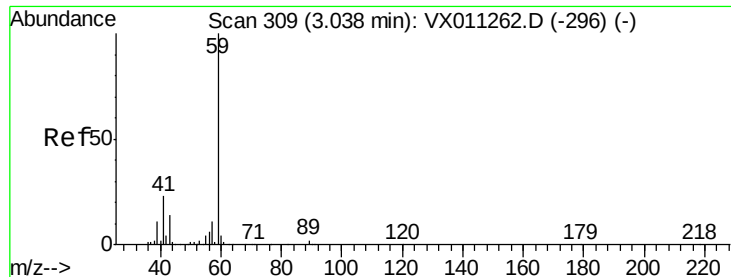


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 219.550 ug/l

RT: 3.04 min Scan# 309

Delta R.T. 0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampleId :

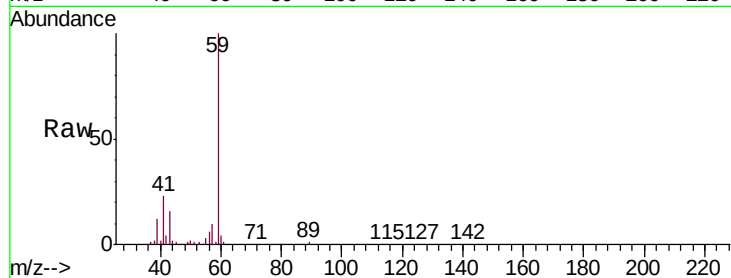
BFB

Tgt Ion: 59 Resp: 72200

Ion Ratio Lower Upper

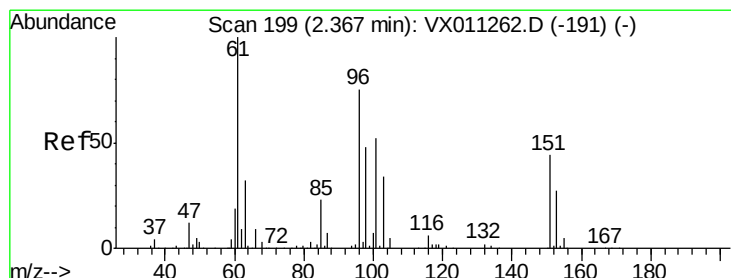
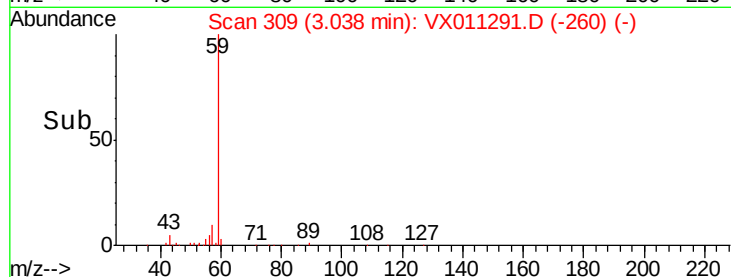
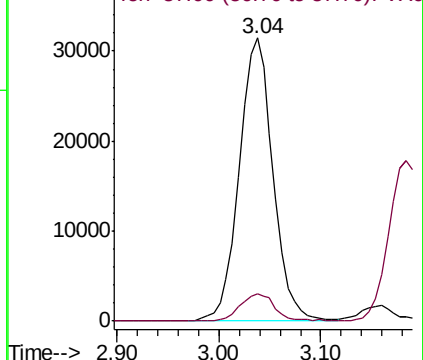
59 100

57 10.2 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 45.476 ug/l

RT: 2.36 min Scan# 198

Delta R.T. -0.01 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

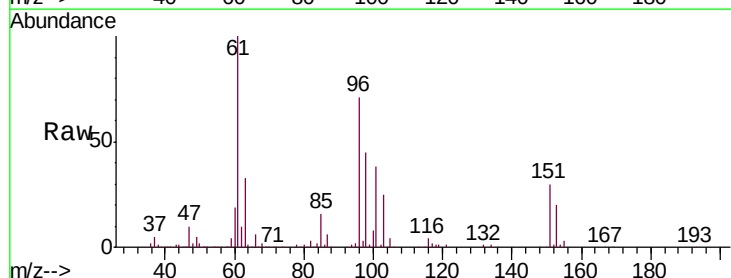
Tgt Ion: 96 Resp: 67759

Ion Ratio Lower Upper

96 100

61 140.1 106.2 159.2

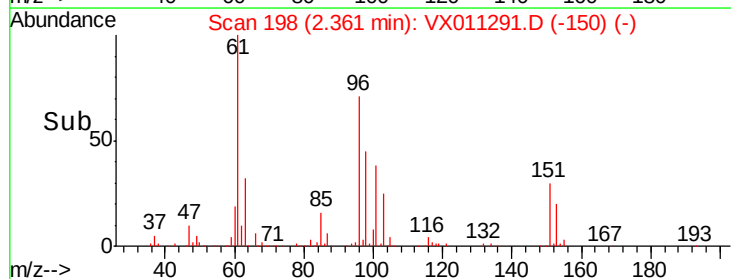
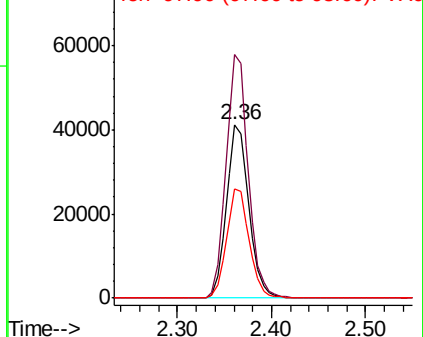
98 63.2 50.6 75.8

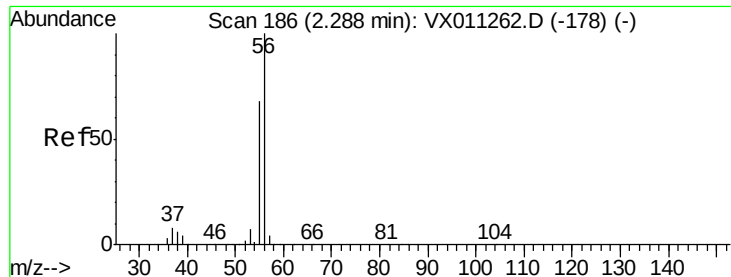


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 225.674 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampleId :

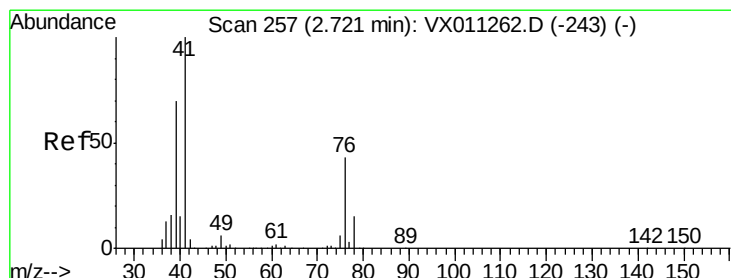
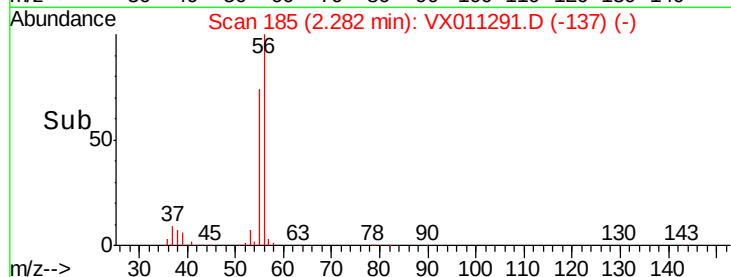
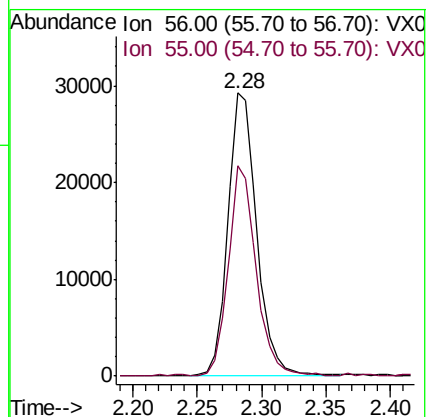
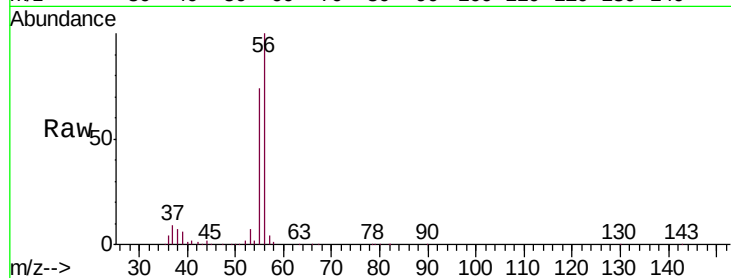
BFB

Tgt Ion: 56 Resp: 46130

Ion Ratio Lower Upper

56 100

55 70.1 56.0 84.0



#14

Allyl chloride

Concen: 47.430 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

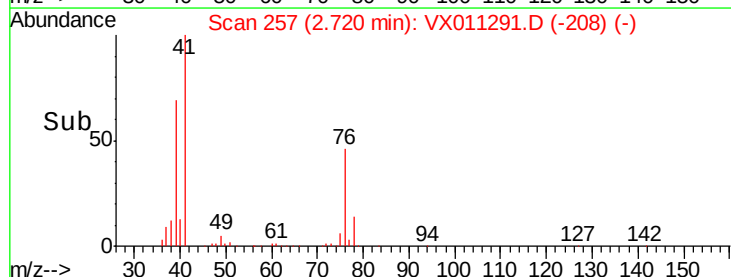
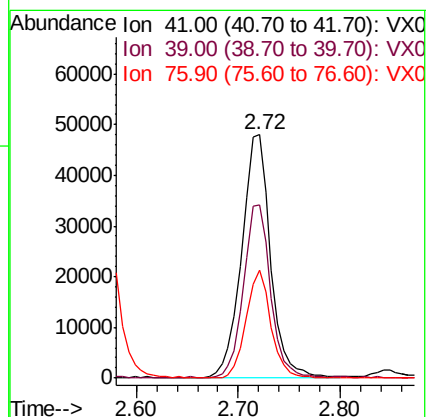
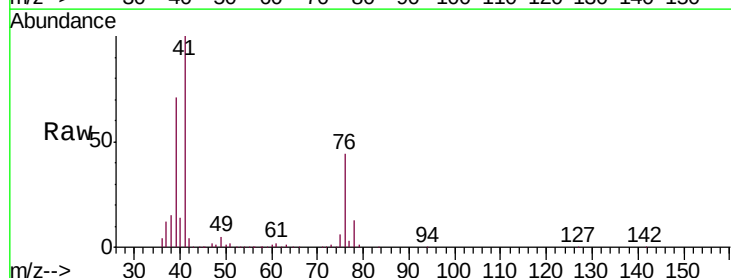
Tgt Ion: 41 Resp: 94213

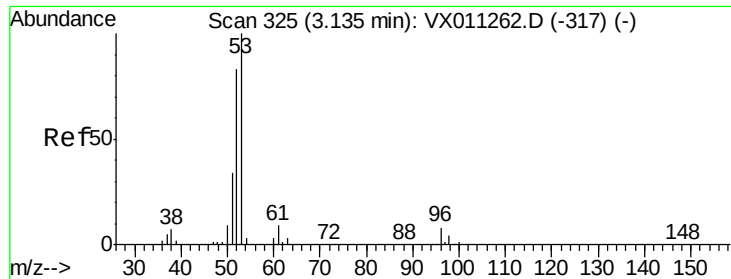
Ion Ratio Lower Upper

41 100

39 65.9 52.8 79.2

76 38.5 31.1 46.7





#15

Acrylonitrile

Concen: 227.114 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampled :

BFB

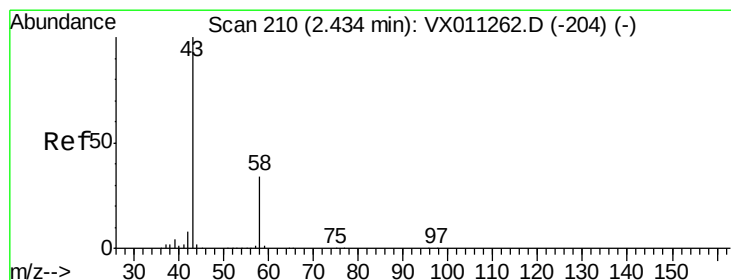
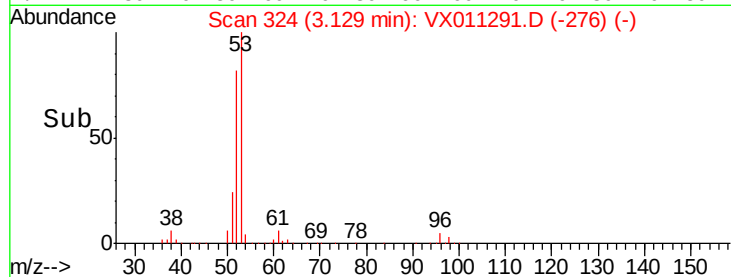
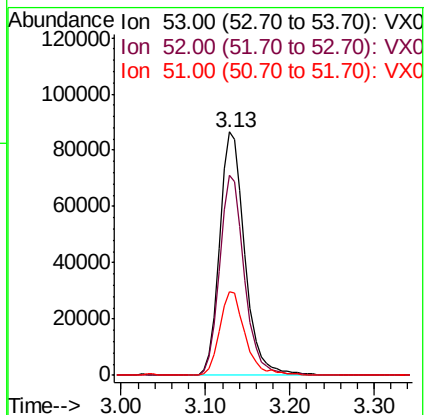
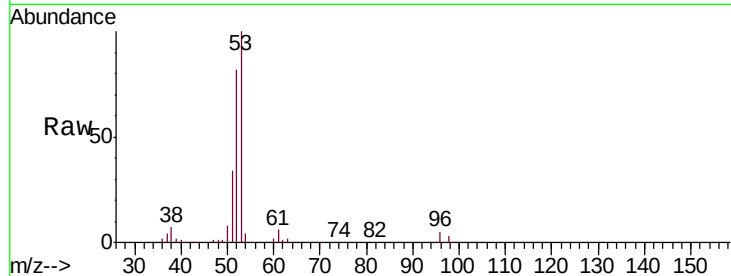
Tgt Ion: 53 Resp: 178232

Ion Ratio Lower Upper

53 100

52 80.6 65.5 98.3

51 34.6 27.9 41.9



#16

Acetone

Concen: 250.239 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011291.D

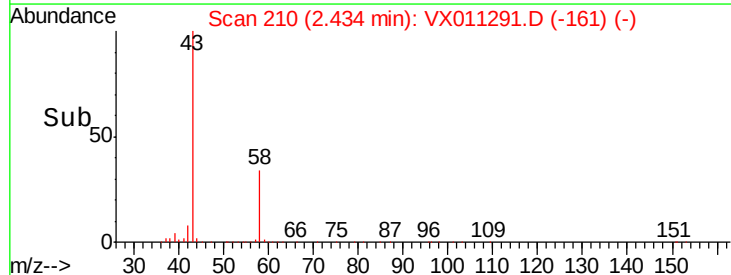
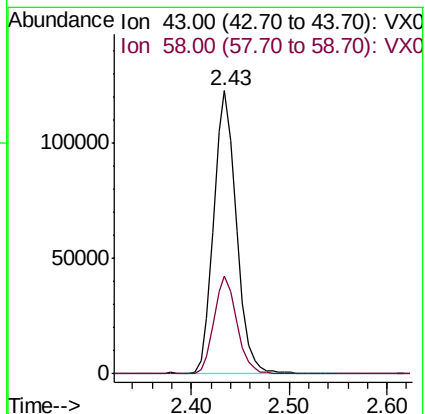
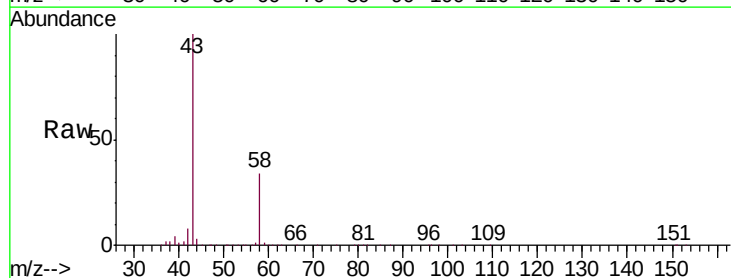
Acq: 02 Aug 2019 09:37

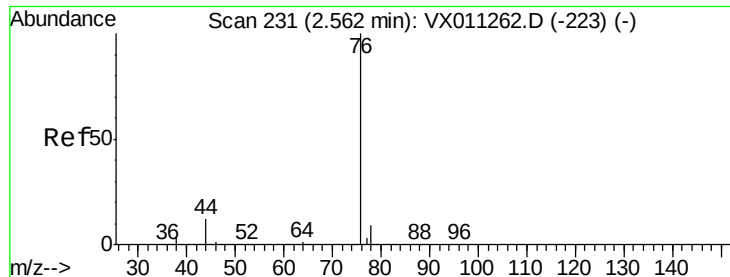
Tgt Ion: 43 Resp: 196432

Ion Ratio Lower Upper

43 100

58 34.4 27.4 41.0





#17

Carbon Disulfide

Concen: 46.996 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampled :

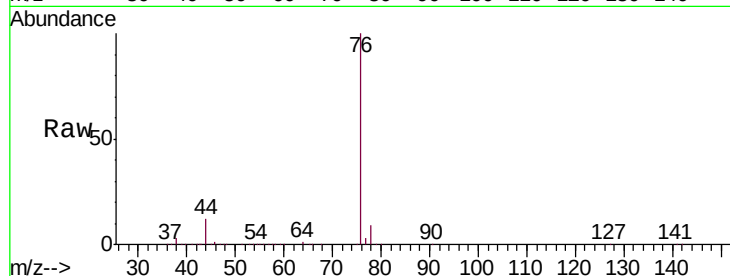
BFB

Tgt Ion: 76 Resp: 164320

Ion Ratio Lower Upper

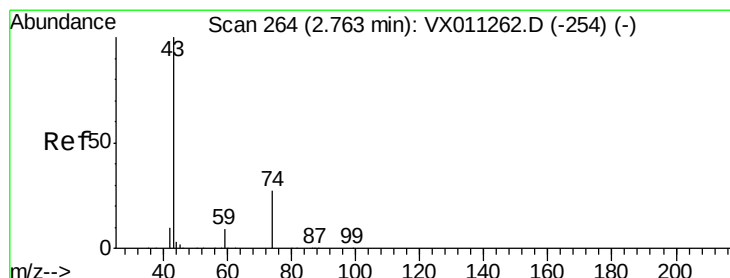
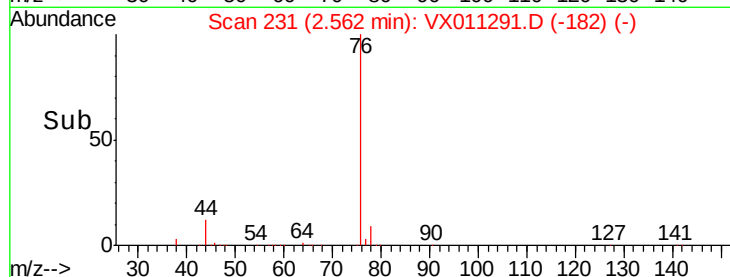
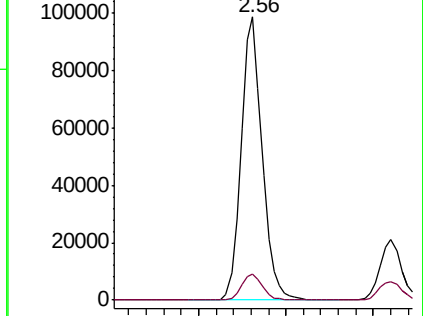
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 42.364 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011291.D

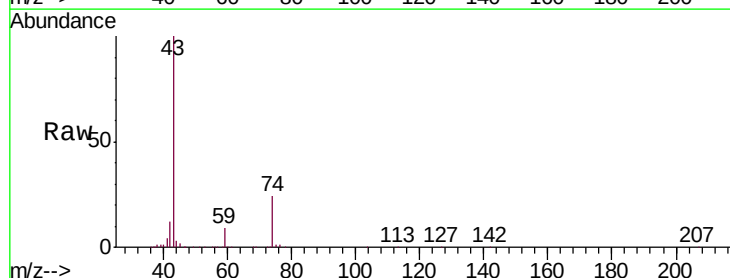
Acq: 02 Aug 2019 09:37

Tgt Ion: 43 Resp: 75997

Ion Ratio Lower Upper

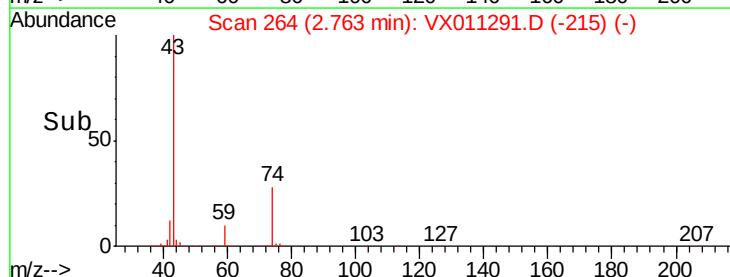
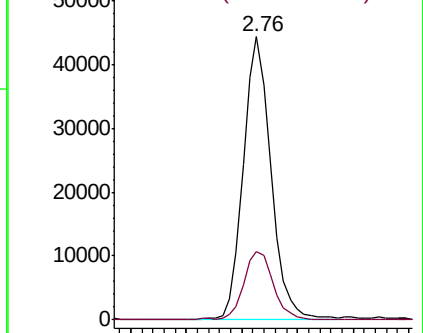
43 100

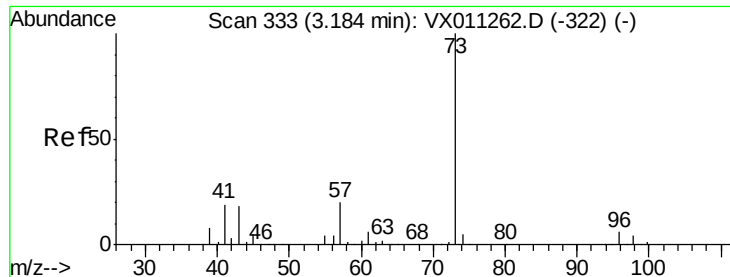
74 26.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

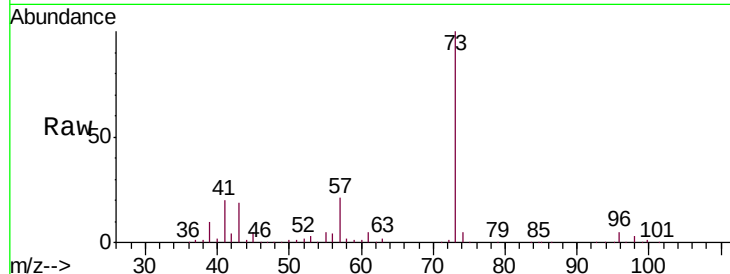




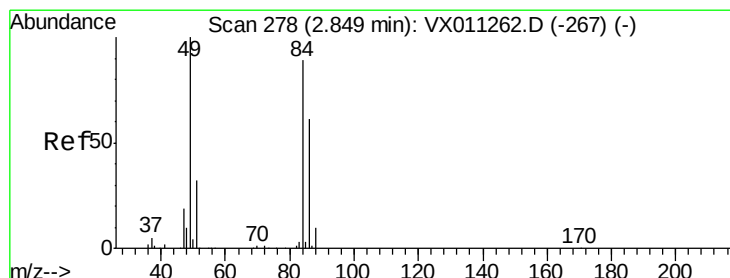
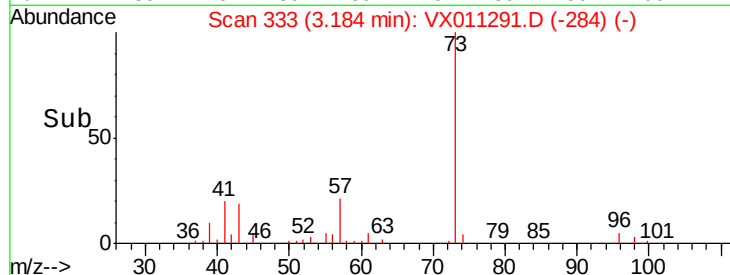
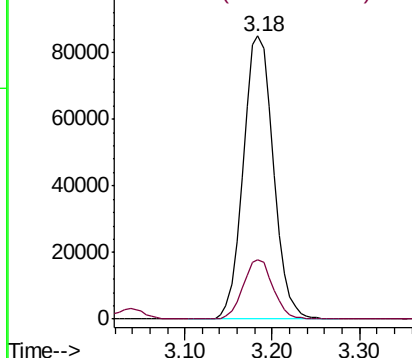
#19
Methyl tert-butyl Ether
Concen: 46.314 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tgt Ion: 73 Resp: 203360
Ion Ratio Lower Upper
73 100
57 20.8 16.2 24.2

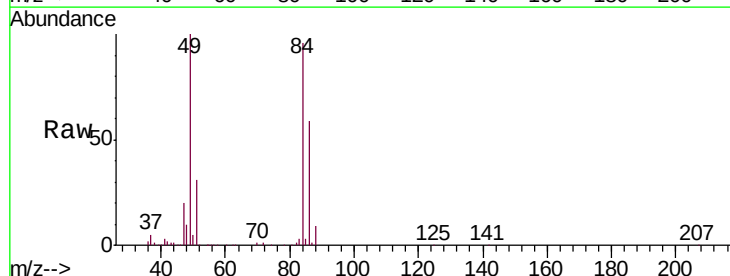


Abundance Ion 73.00 (72.70 to 73.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

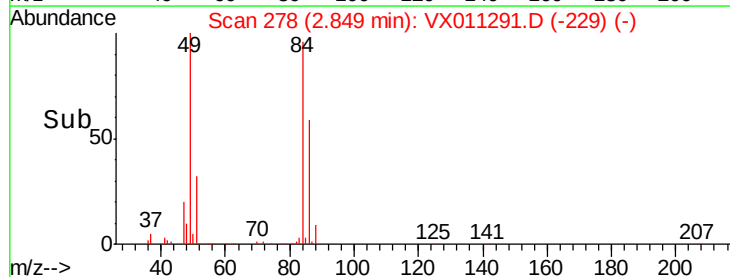
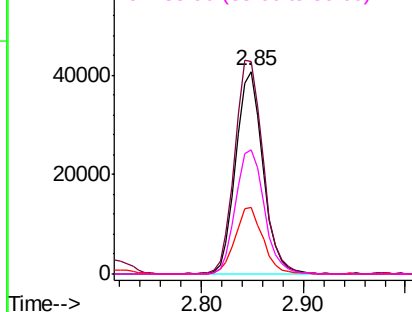


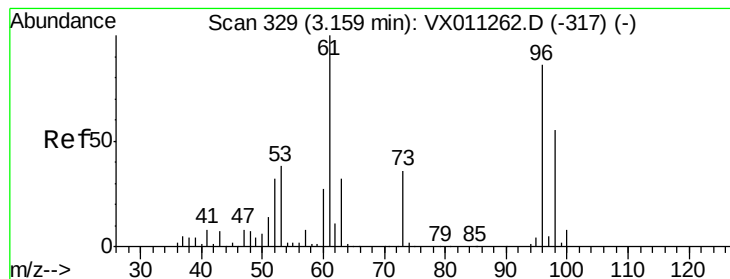
#20
Methylene Chloride
Concen: 43.803 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

Tgt Ion: 84 Resp: 75304
Ion Ratio Lower Upper
84 100
49 104.4 89.3 133.9
51 32.7 28.3 42.5
86 61.5 54.5 81.7



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: 45.923 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampleId :

BFB

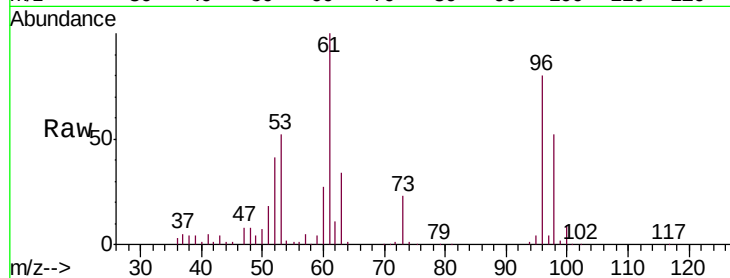
Tgt Ion: 96 Resp: 72381

Ion Ratio Lower Upper

96 100

61 125.8 92.8 139.2

98 65.7 51.2 76.8

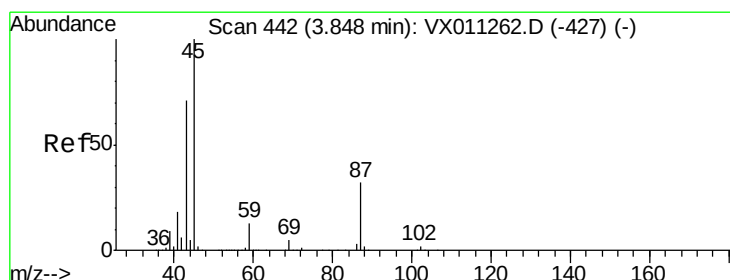
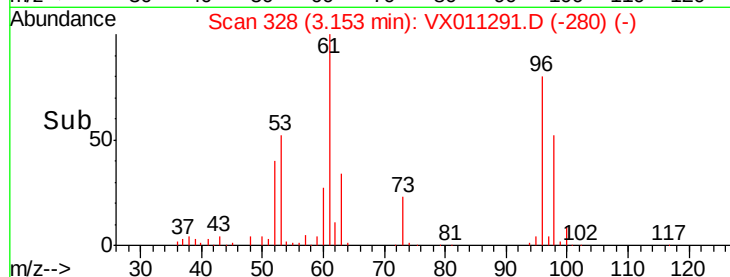
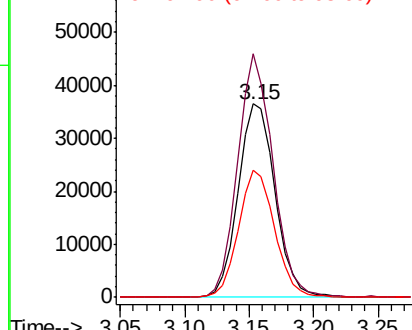


Abundance

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: 45.645 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Tgt Ion: 45 Resp: 199269

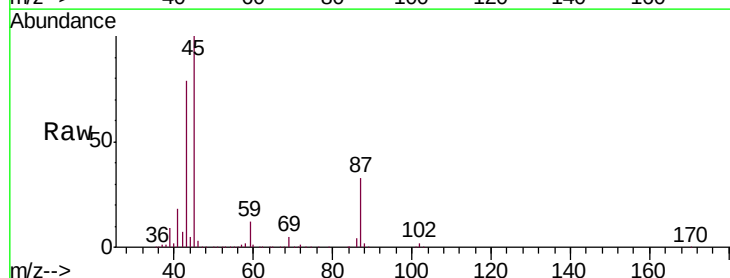
Ion Ratio Lower Upper

45 100

43 78.7 56.8 85.2

87 33.3 25.8 38.6

59 12.4 10.3 15.5



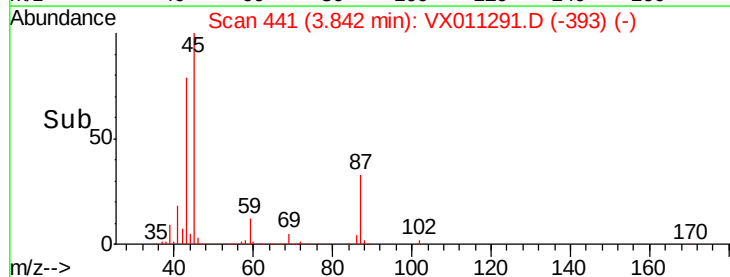
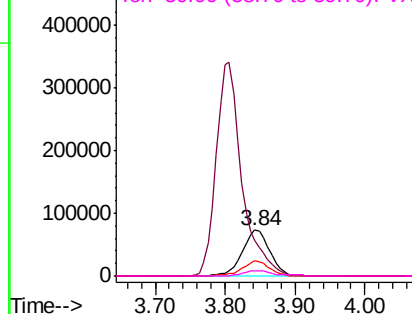
Abundance

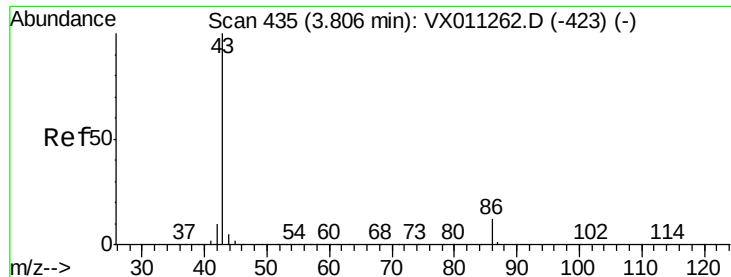
Ion 45.00 (44.70 to 45.70): VX0

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: 240.153 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampleId :

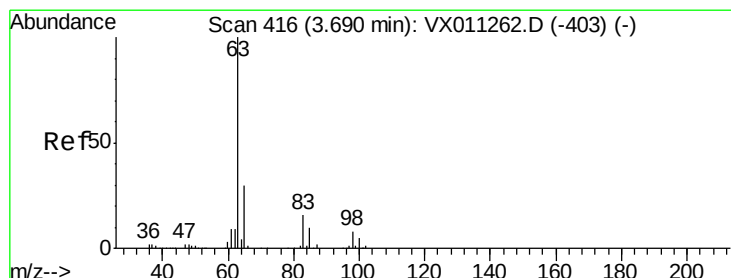
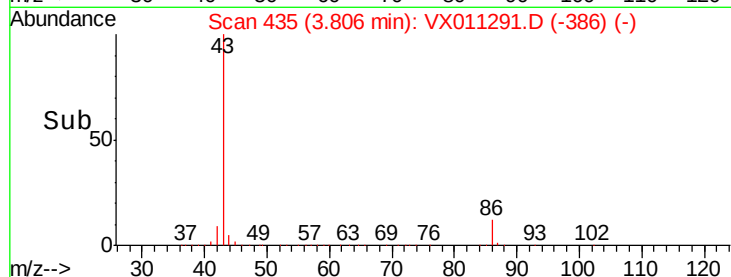
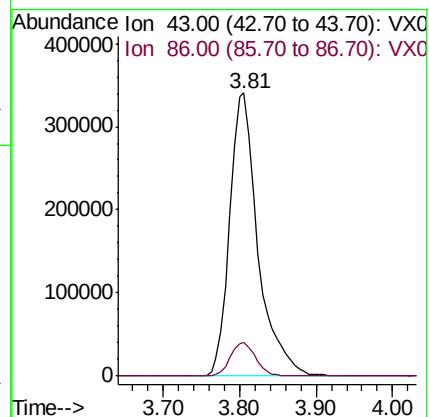
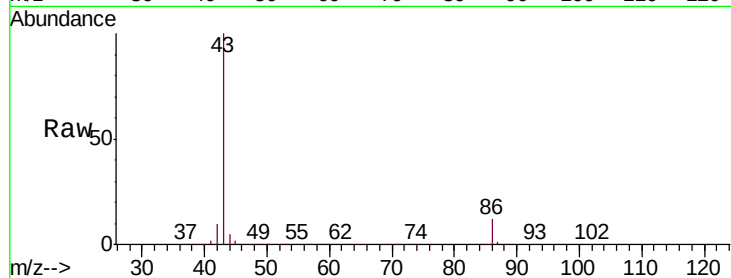
BFB

Tgt Ion: 43 Resp: 869569

Ion Ratio Lower Upper

43 100

86 12.2 9.6 14.4



#24

1,1-Dichloroethane

Concen: 45.090 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

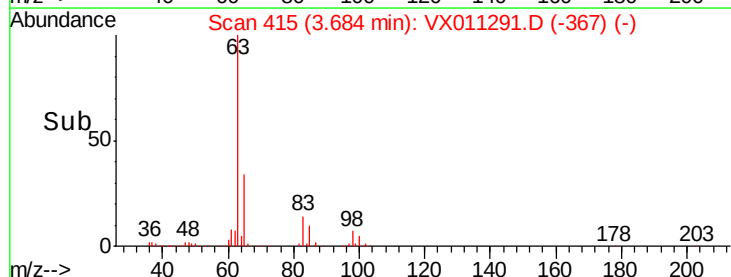
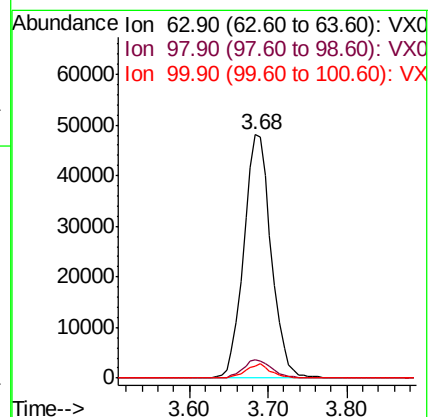
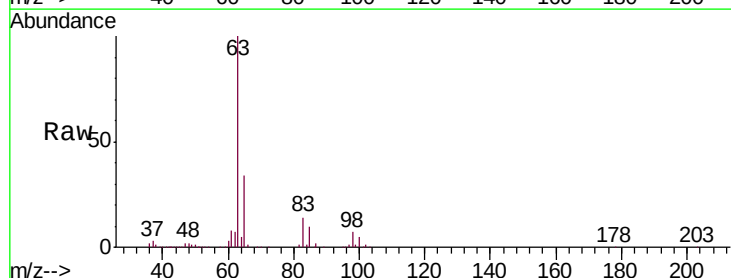
Tgt Ion: 63 Resp: 116073

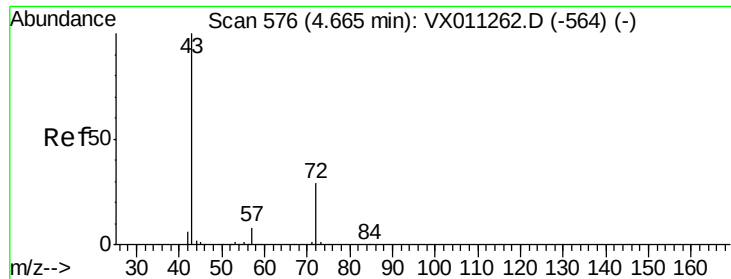
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 5.1 2.7 8.1





#25

2-Butanone

Concen: 235.704 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampled :

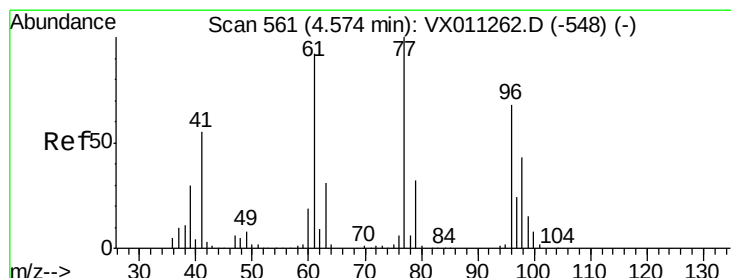
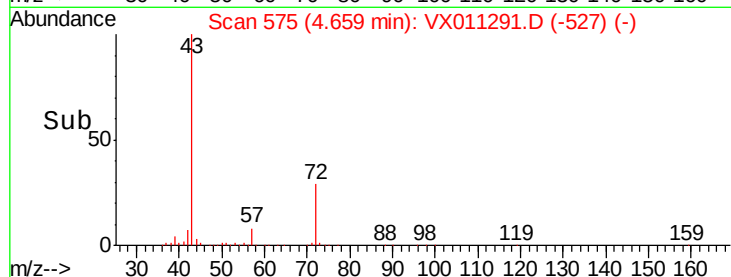
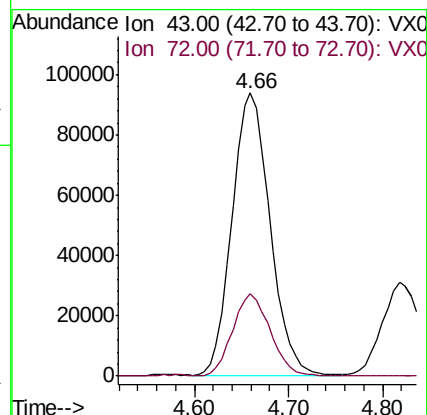
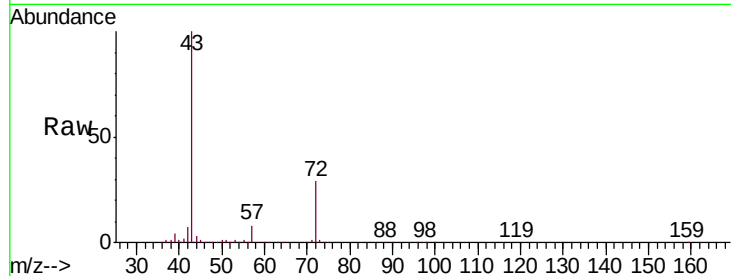
BFB

Tgt Ion: 43 Resp: 263194

Ion Ratio Lower Upper

43 100

72 29.3 23.2 34.8



#26

2,2-Dichloropropane

Concen: 47.454 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011291.D

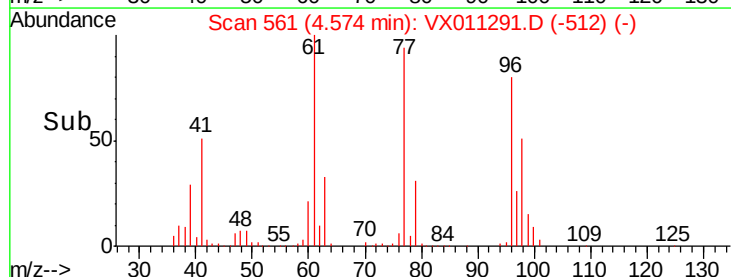
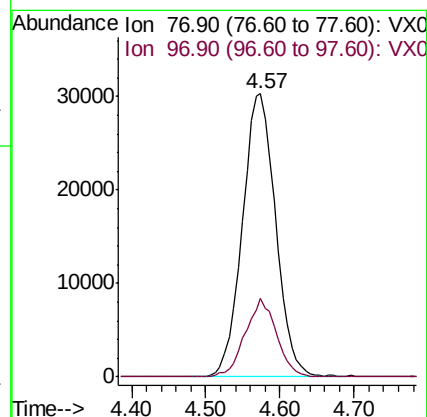
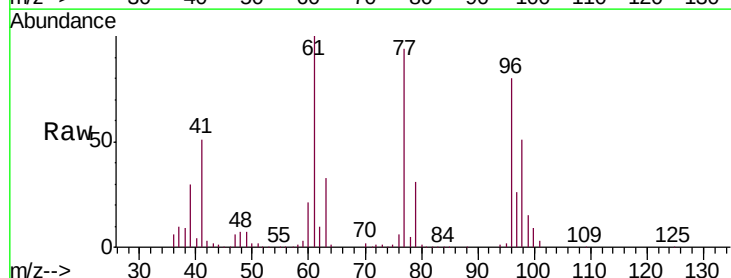
Acq: 02 Aug 2019 09:37

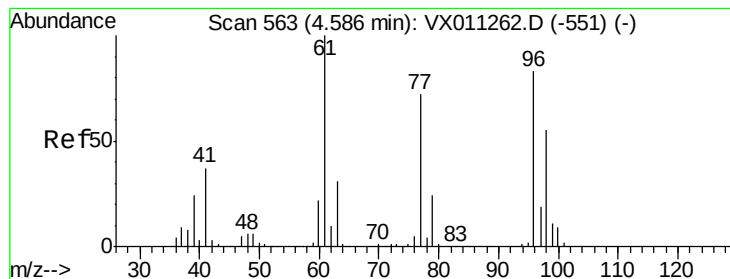
Tgt Ion: 77 Resp: 94961

Ion Ratio Lower Upper

77 100

97 26.1 12.8 38.4



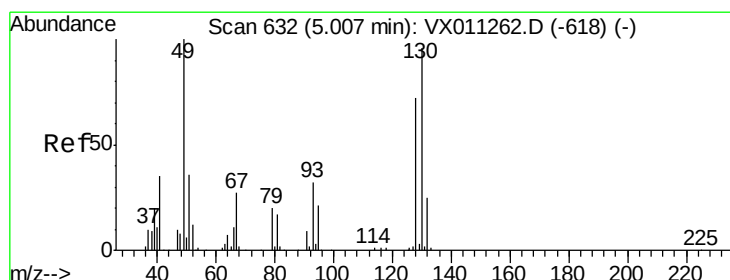
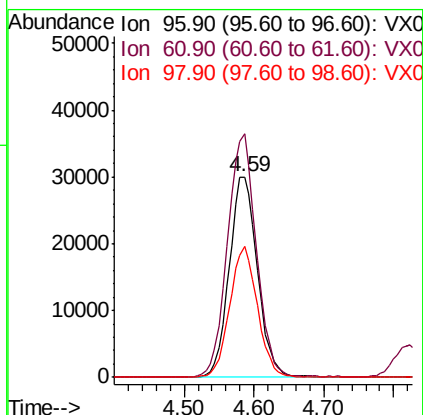
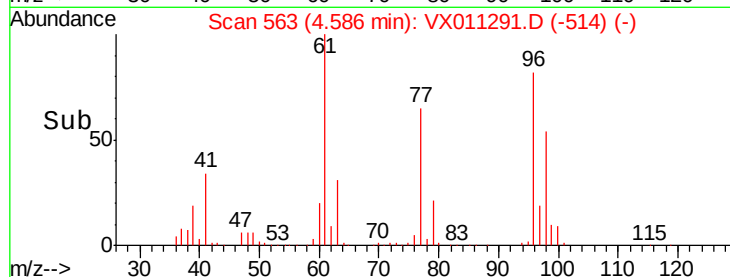
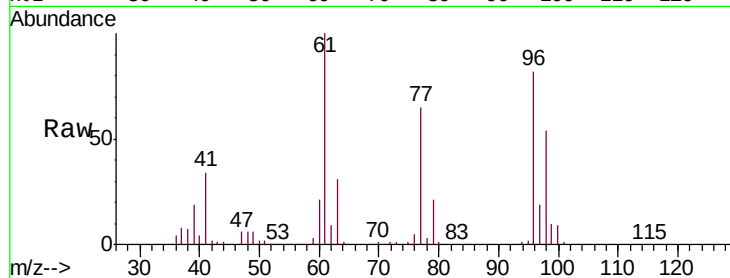


#27

cis-1,2-Dichloroethene
Concen: 46.308 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

Instrument :
MSVOA_N
ClientSampleId :
BFB

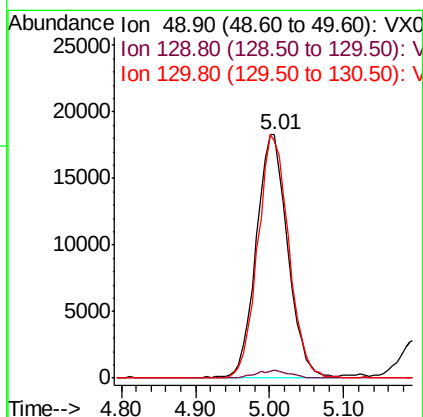
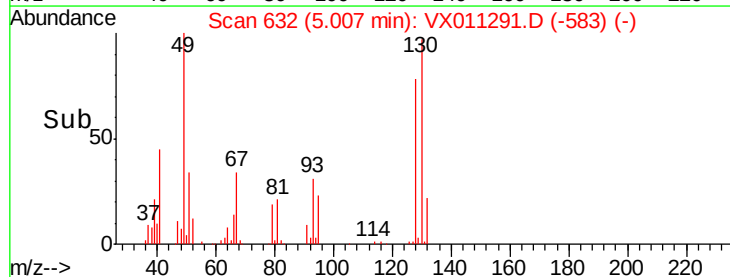
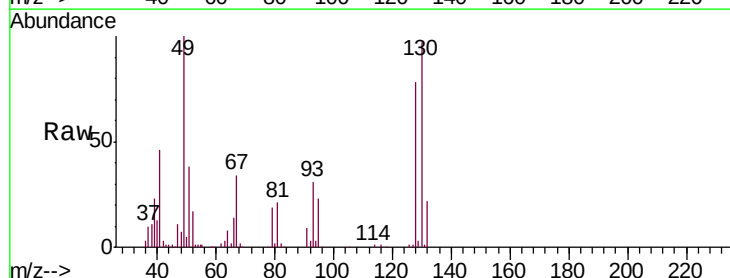
Tgt Ion: 96 Resp: 84070
Ion Ratio Lower Upper
96 100
61 124.0 0.0 260.2
98 64.1 0.0 133.2

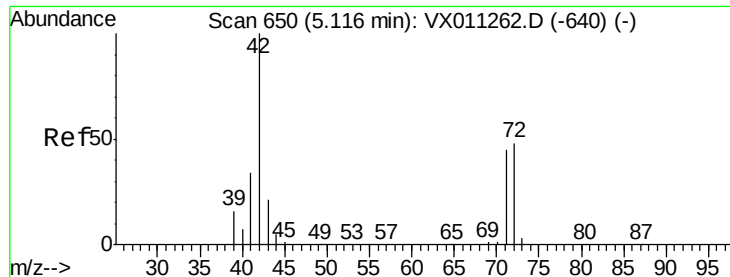


#28

Bromochloromethane
Concen: 46.339 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

Tgt Ion: 49 Resp: 54382
Ion Ratio Lower Upper
49 100
129 3.2 0.0 5.8
130 98.0 77.9 116.9





#29

Tetrahydrofuran

Concen: 216.213 ug/l

RT: 5.12 min Scan# 650

Delta R.T. 0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampleId :

BFB

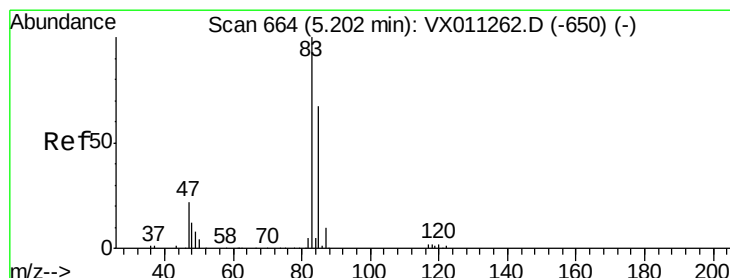
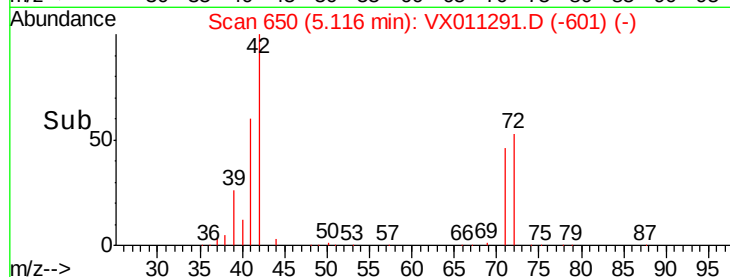
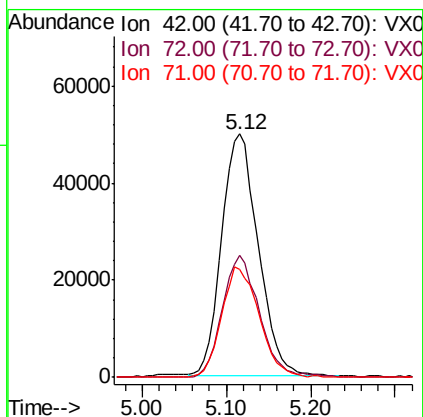
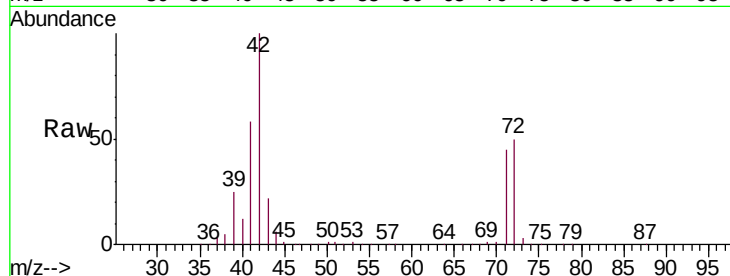
Tgt Ion: 42 Resp: 148033

Ion Ratio Lower Upper

42 100

72 51.0 39.9 59.9

71 46.9 36.9 55.3



#30

Chloroform

Concen: 45.197 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.00 min

Lab File: VX011291.D

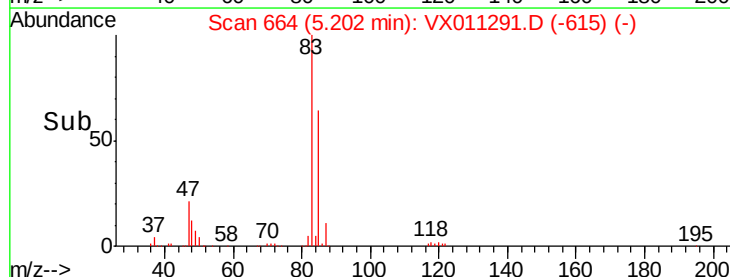
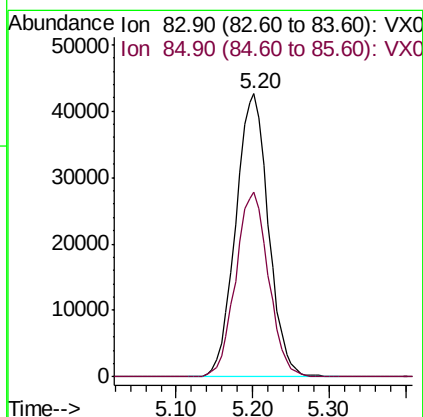
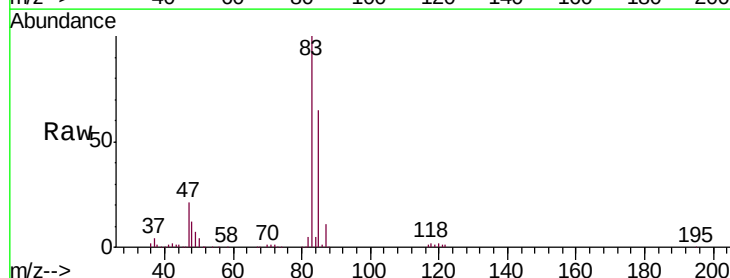
Acq: 02 Aug 2019 09:37

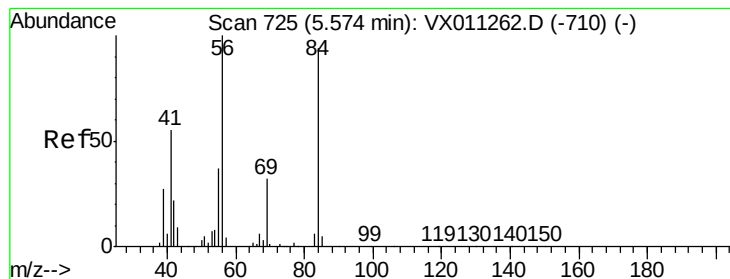
Tgt Ion: 83 Resp: 126453

Ion Ratio Lower Upper

83 100

85 65.1 53.4 80.0





#31

Cyclohexane

Concen: 47.051 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampled :

BFB

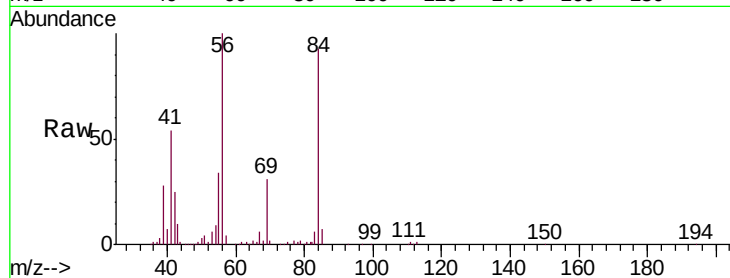
Tgt Ion: 56 Resp: 99928

Ion Ratio Lower Upper

56 100

69 30.8 25.5 38.3

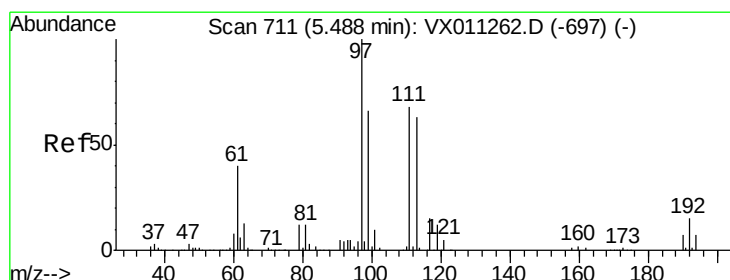
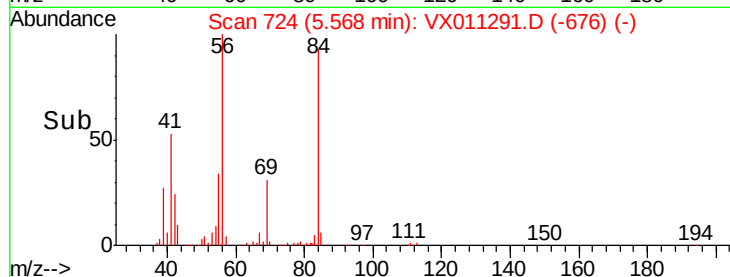
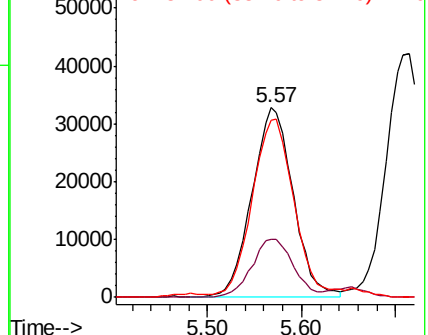
84 91.4 75.0 112.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 46.707 ug/l

RT: 5.48 min Scan# 710

Delta R.T. -0.01 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

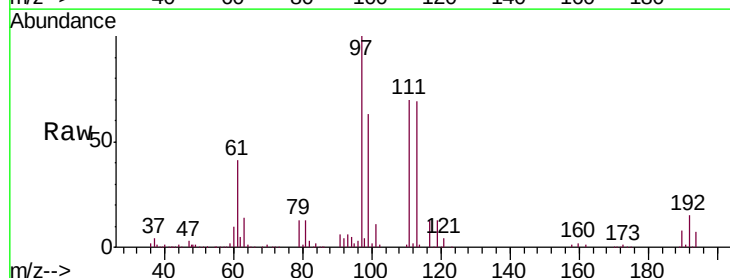
Tgt Ion: 97 Resp: 111946

Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

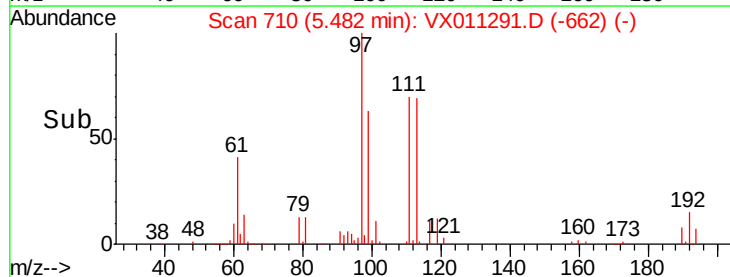
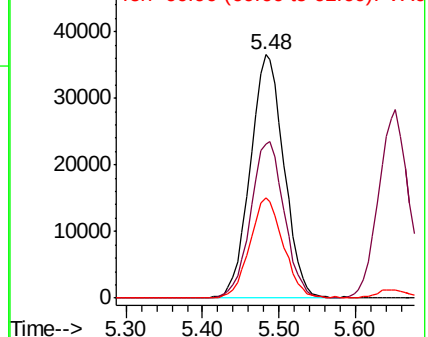
61 40.3 32.3 48.5

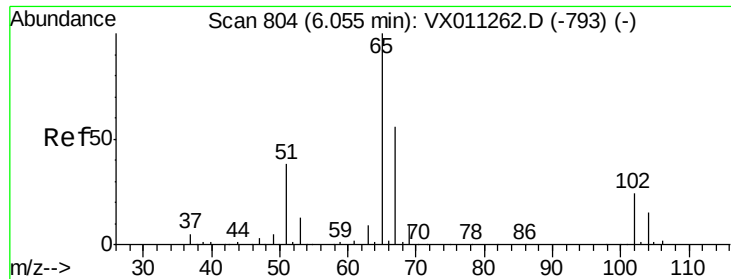


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

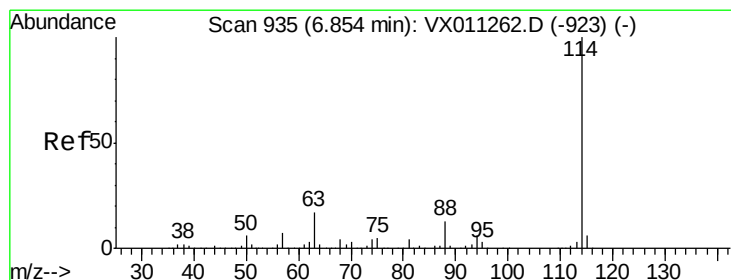
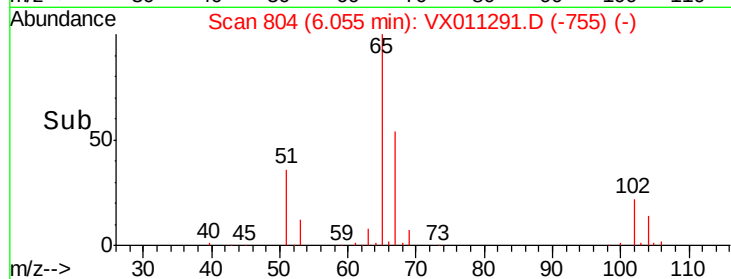
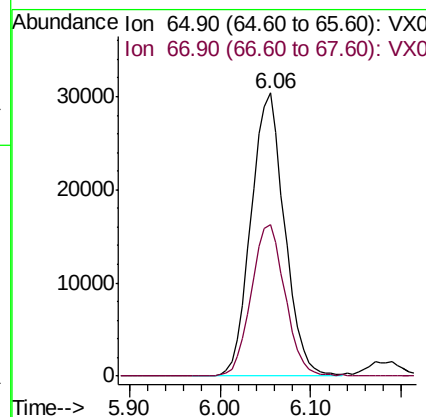
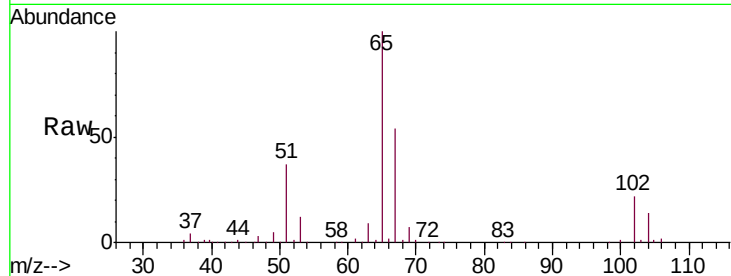




#33
 1,2-Dichloroethane-d4
 Concen: 47.297 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

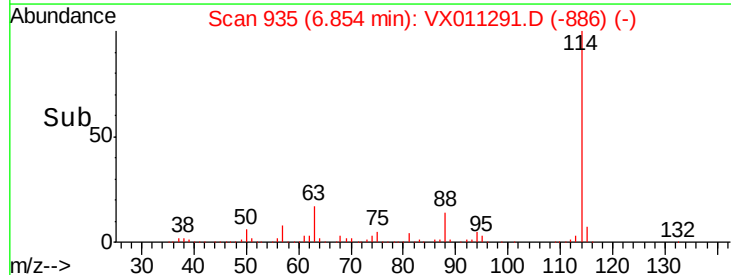
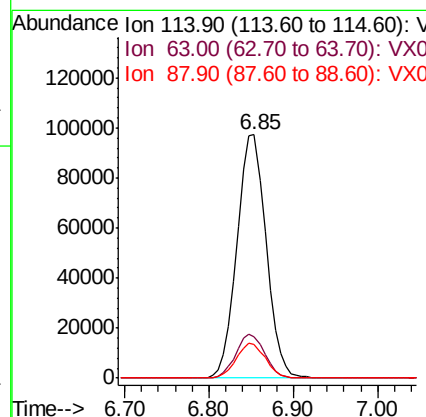
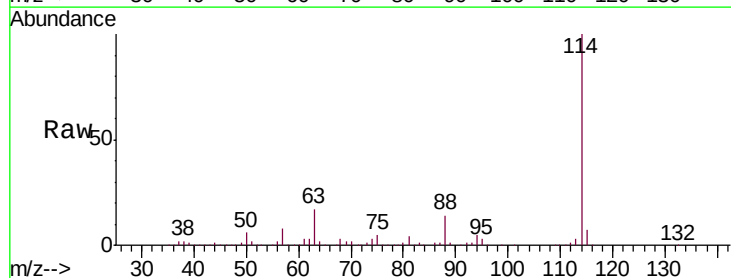
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

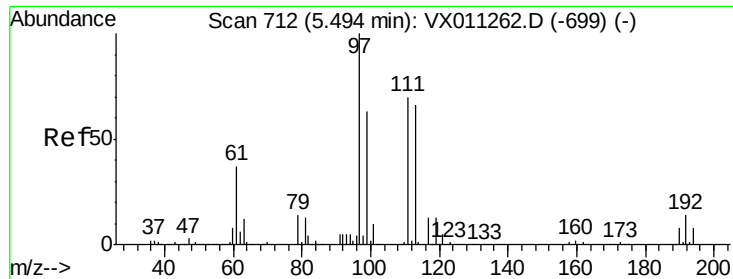
Tgt Ion: 65 Resp: 78002
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

Tgt Ion: 114 Resp: 228408
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 34.0
 88 13.8 0.0 26.4

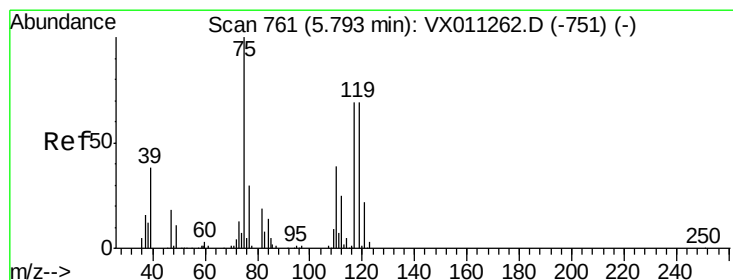
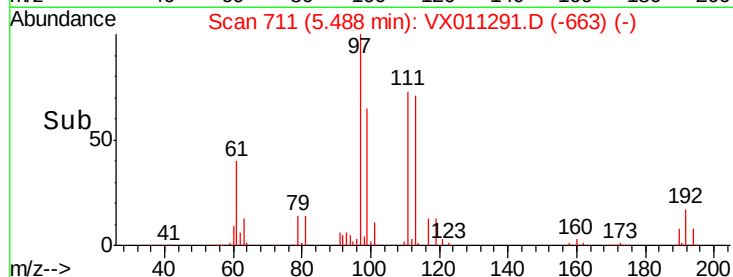
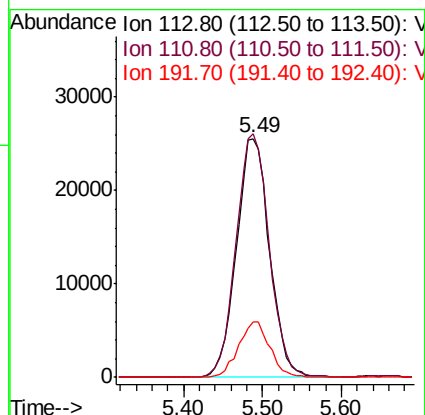
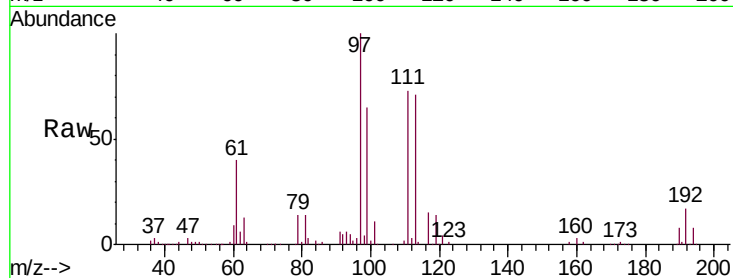




#35
 Dibromofluoromethane
 Concen: 50.080 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

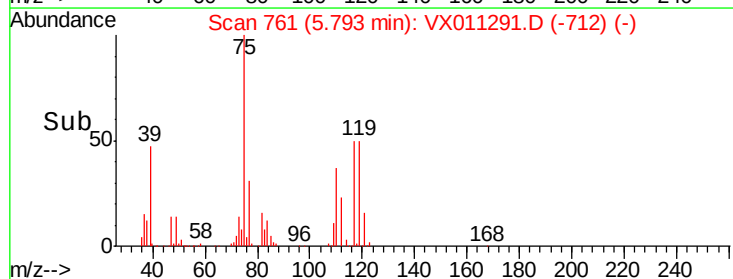
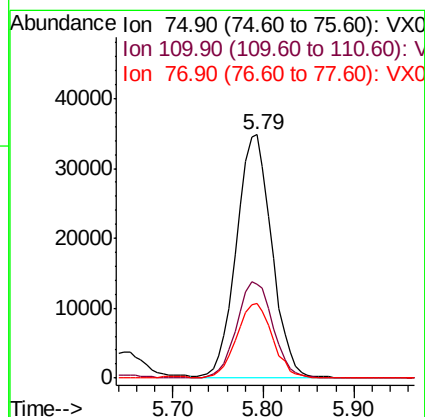
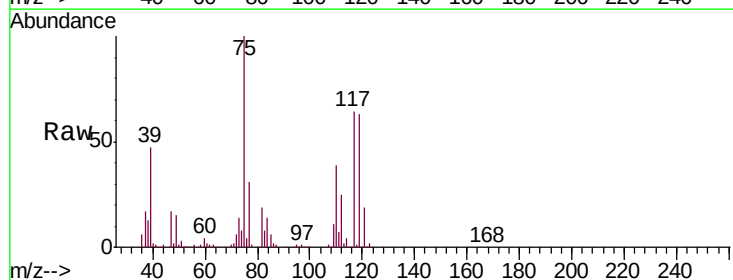
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

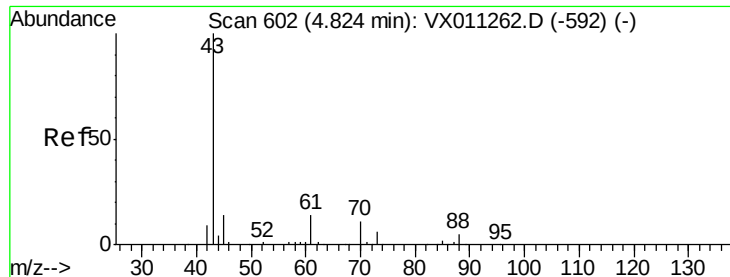
Tgt Ion:113 Resp: 74680
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.9 122.9
 192 22.1 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 47.061 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

Tgt Ion: 75 Resp: 93849
 Ion Ratio Lower Upper
 75 100
 110 40.7 20.0 59.9
 77 31.4 24.8 37.2

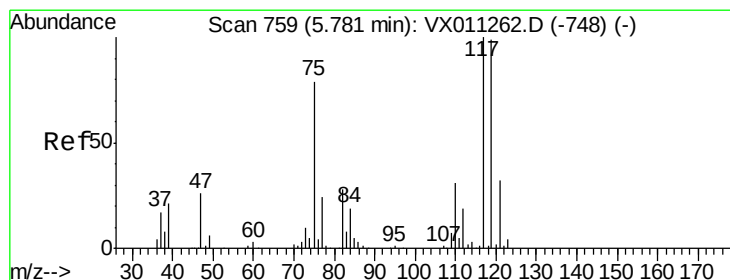
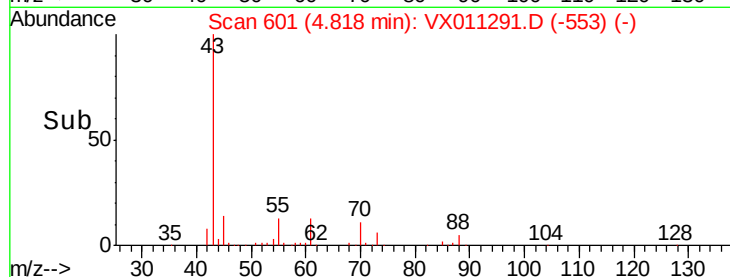
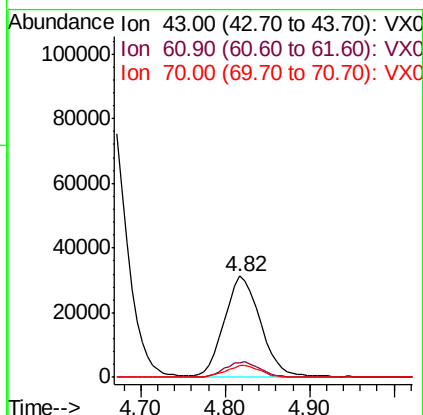
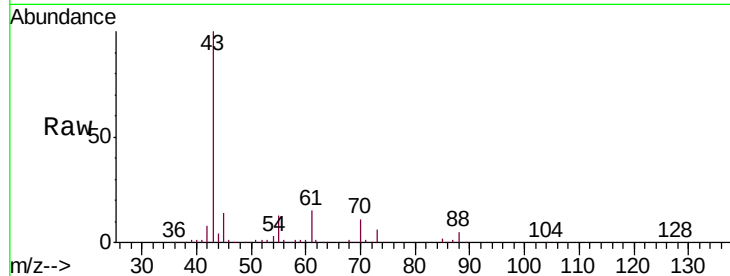




#37
Ethyl Acetate
Concen: 45.185 ug/l
RT: 4.82 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

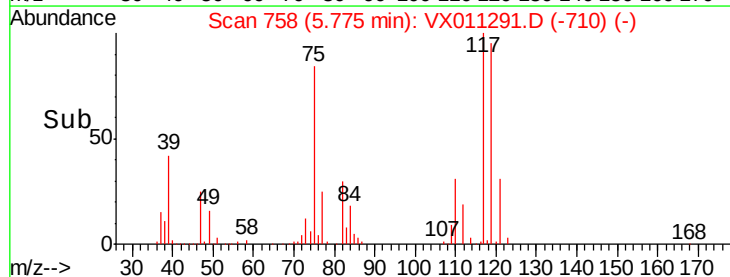
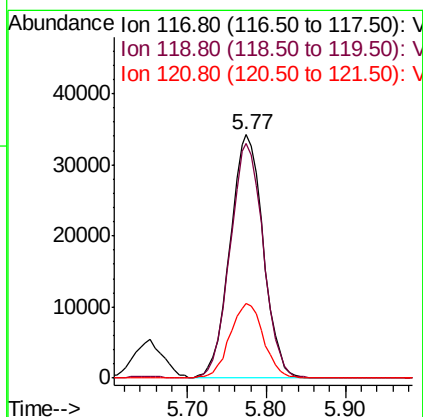
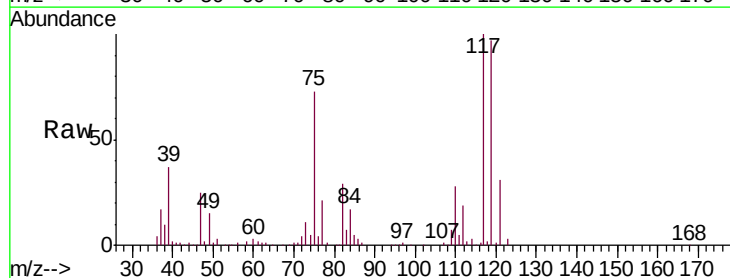
Instrument :
MSVOA_N
ClientSampleId :
BFB

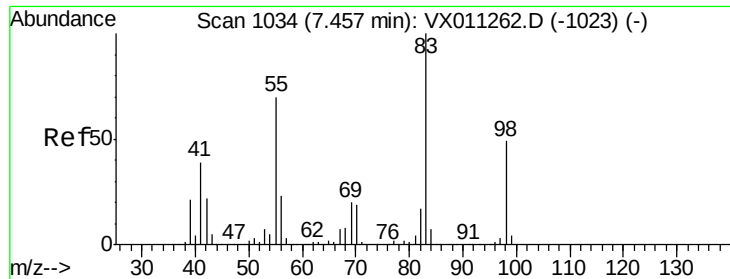
Tgt Ion: 43 Resp: 90385
Ion Ratio Lower Upper
43 100
61 15.9 12.6 18.8
70 11.6 9.1 13.7



#38
Carbon Tetrachloride
Concen: 49.945 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

Tgt Ion: 117 Resp: 100206
Ion Ratio Lower Upper
117 100
119 96.6 79.0 118.4
121 30.5 25.9 38.9

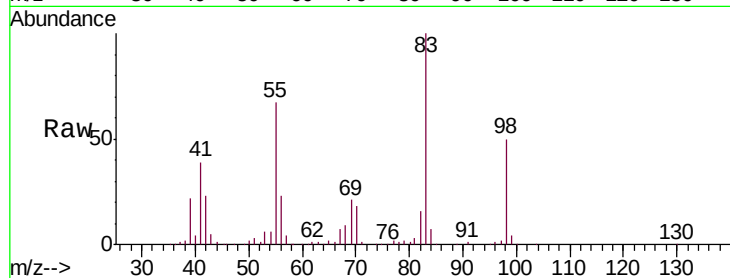




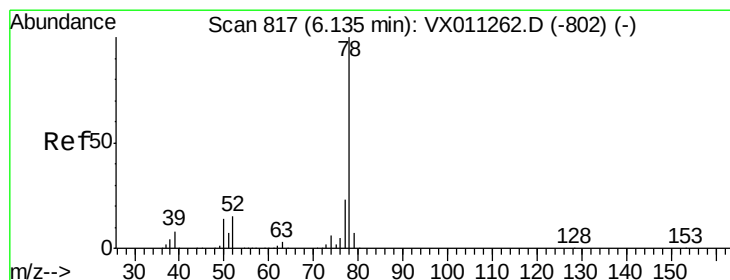
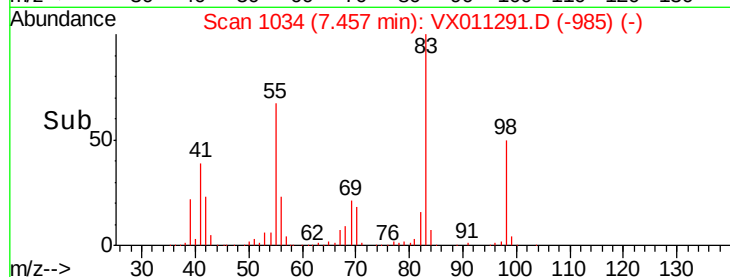
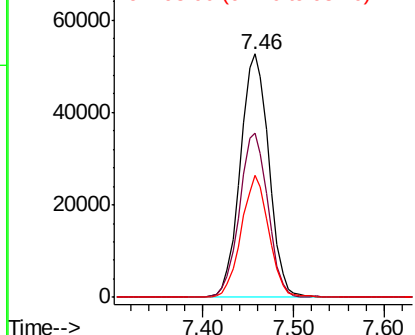
#39
Methylcyclohexane
Concen: 48.431 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tgt Ion: 83 Resp: 114483
Ion Ratio Lower Upper
83 100
55 67.3 56.1 84.1
98 50.1 39.0 58.4

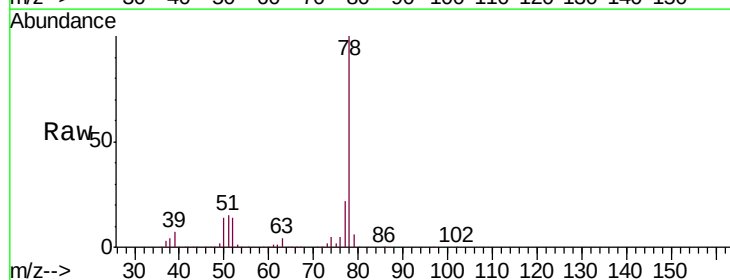


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

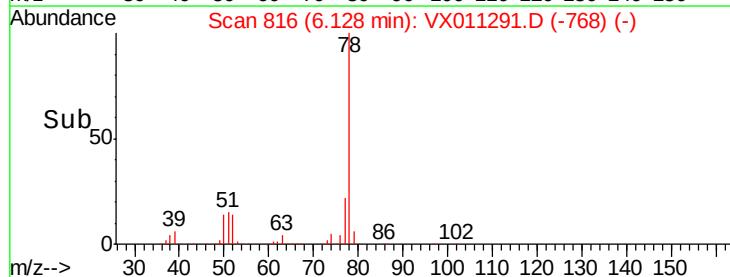
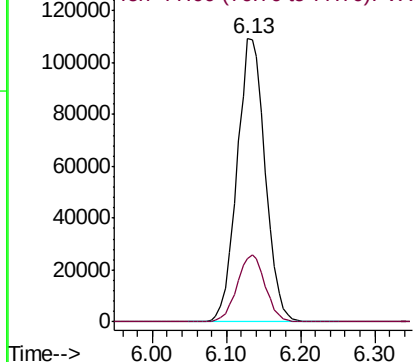


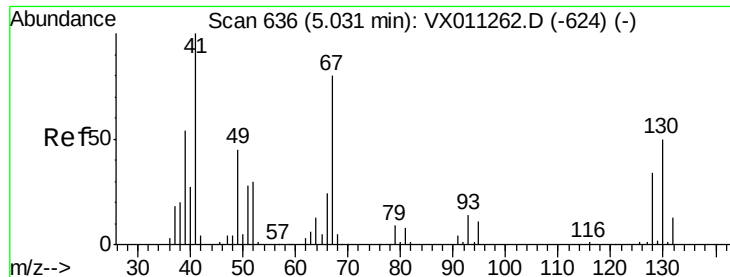
#40
Benzene
Concen: 48.595 ug/l
RT: 6.13 min Scan# 816
Delta R.T. -0.01 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

Tgt Ion: 78 Resp: 289181
Ion Ratio Lower Upper
78 100
77 22.4 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 43.812 ug/l

RT: 5.02 min Scan# 635

Delta R.T. -0.01 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampled :

BFB

Tgt Ion: 41 Resp: 47862

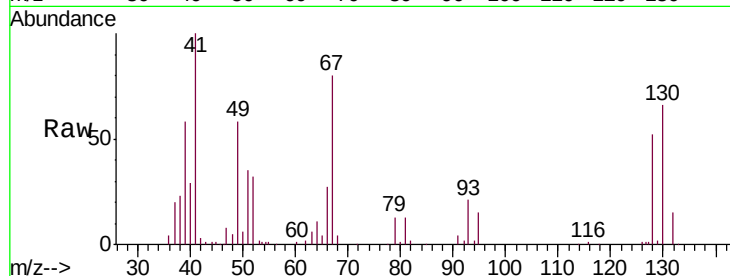
Ion Ratio Lower Upper

41 100

39 57.8 43.0 64.6

67 84.0 65.1 97.7

52 33.8 24.8 37.2

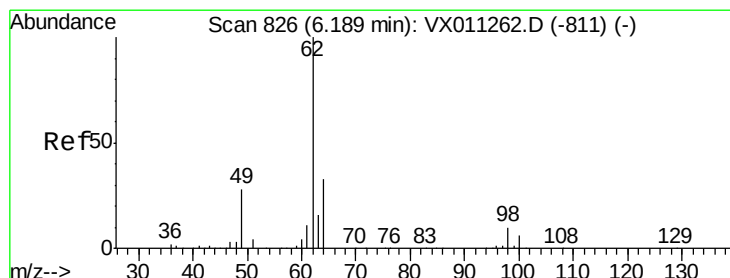
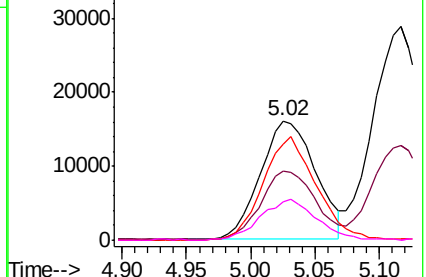
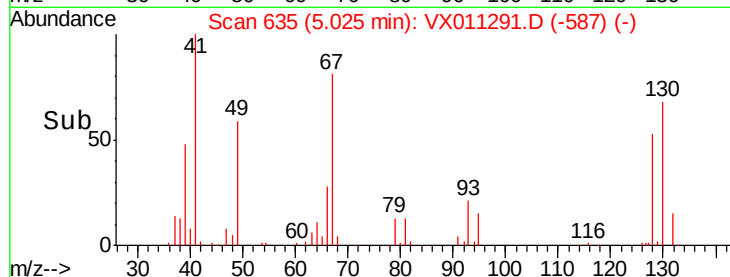


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 47.141 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX011291.D

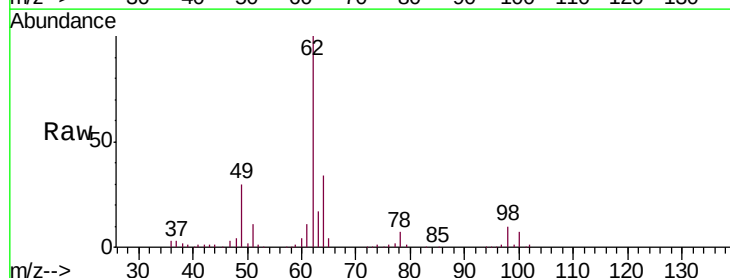
Acq: 02 Aug 2019 09:37

Tgt Ion: 62 Resp: 94861

Ion Ratio Lower Upper

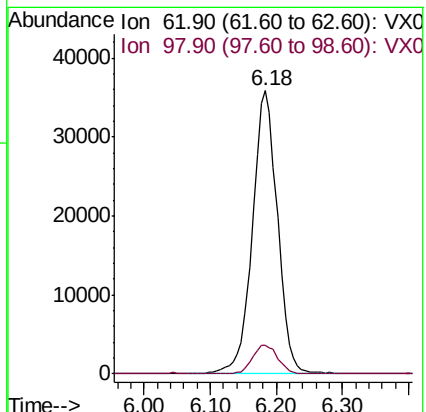
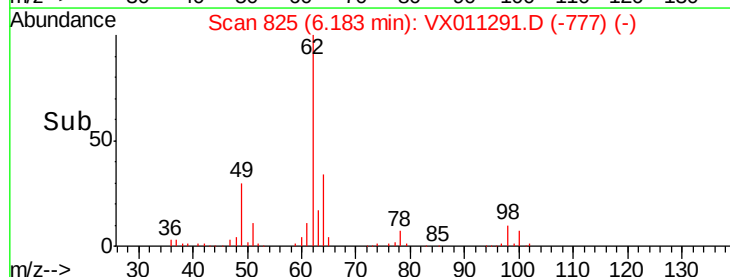
62 100

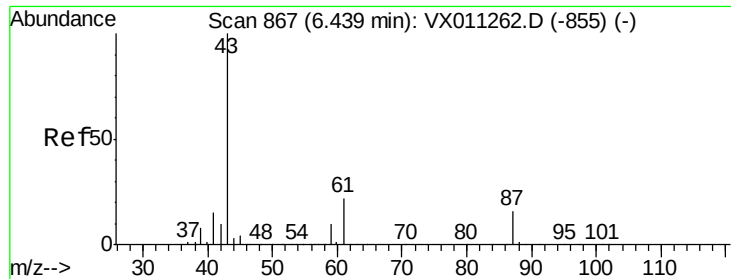
98 10.3 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.076 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampled :

BFB

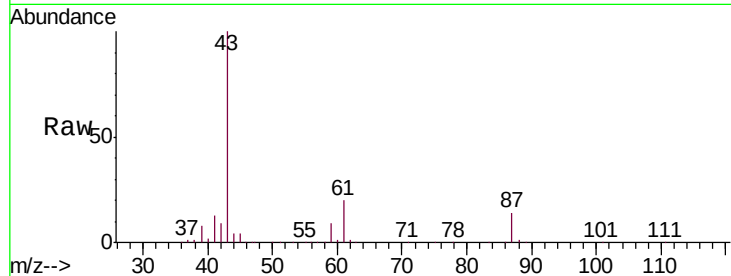
Tgt Ion: 43 Resp: 147355

Ion Ratio Lower Upper

43 100

61 21.1 16.5 24.7

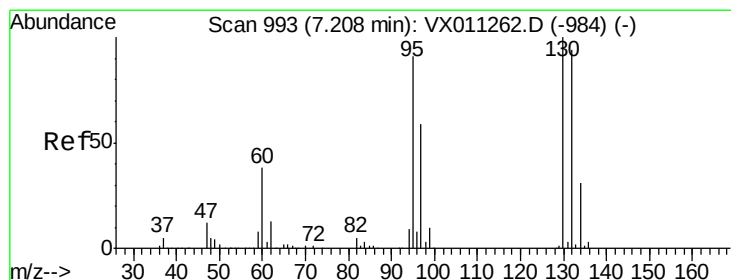
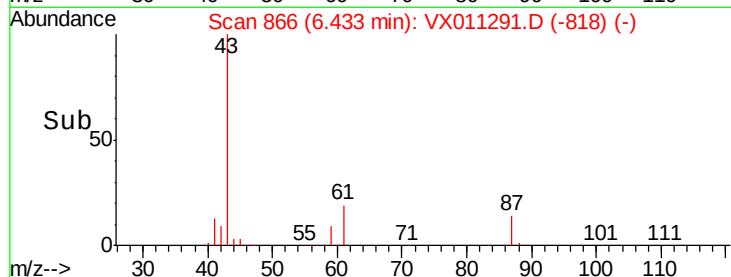
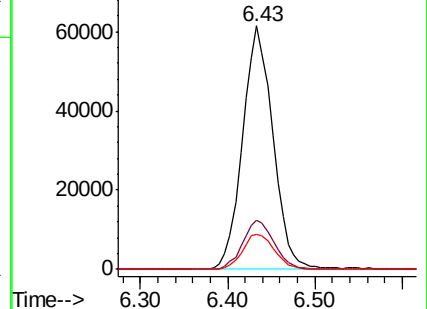
87 15.2 12.1 18.1



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: 47.769 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX011291.D

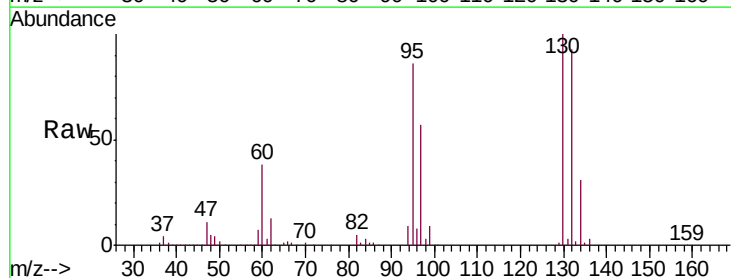
Acq: 02 Aug 2019 09:37

Tgt Ion: 130 Resp: 86044

Ion Ratio Lower Upper

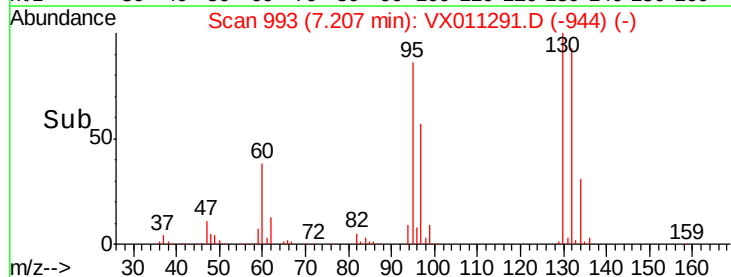
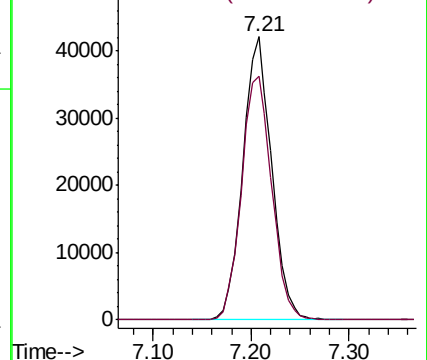
130 100

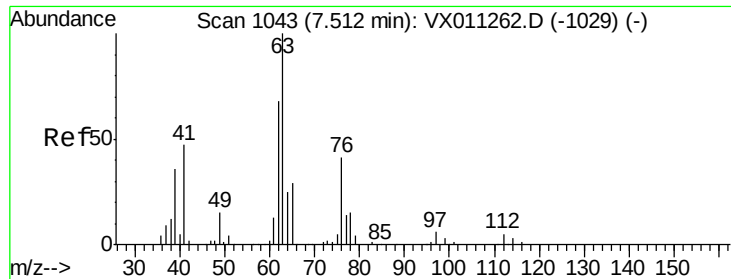
95 85.9 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

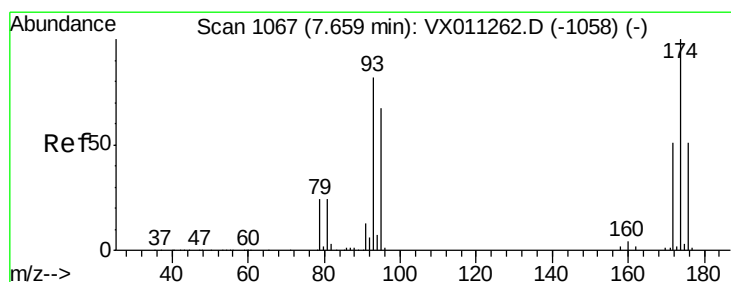
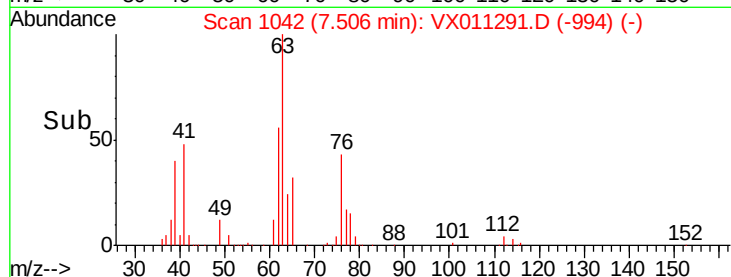
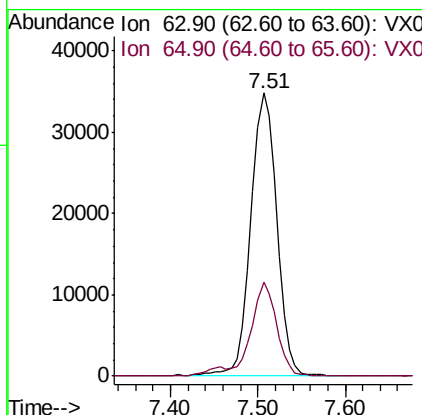
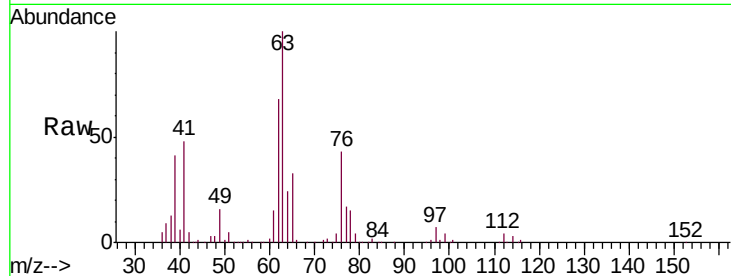




#45
 1,2-Dichloropropane
 Concen: 46.631 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

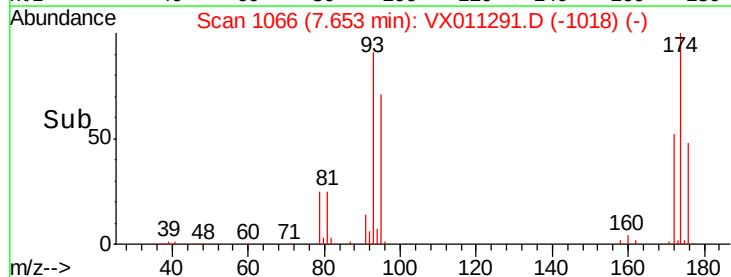
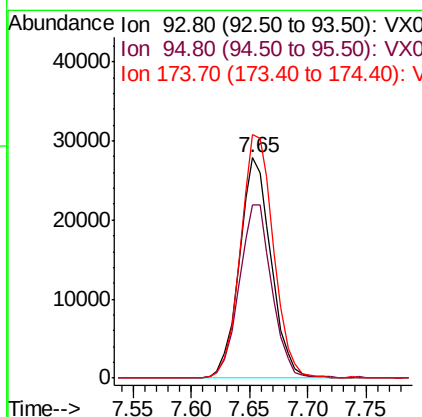
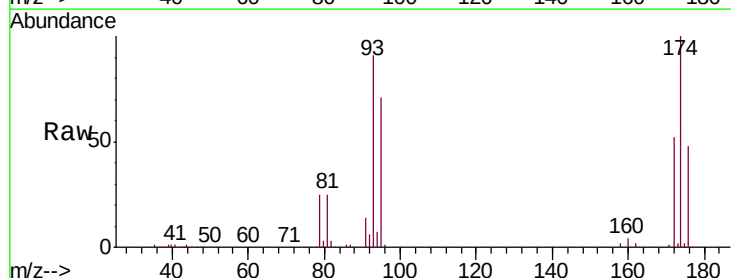
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

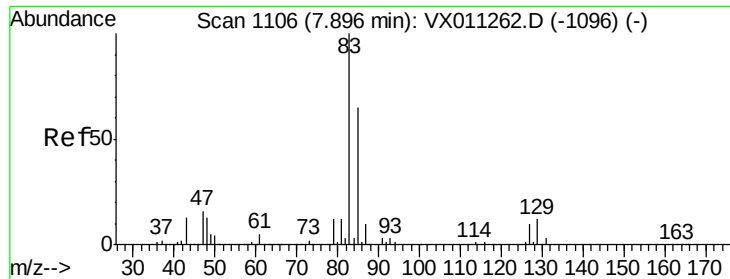
Tgt Ion: 63 Resp: 71867
 Ion Ratio Lower Upper
 63 100
 65 33.2 23.3 34.9



#46
 Dibromomethane
 Concen: 46.986 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

Tgt Ion: 93 Resp: 52863
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.4 99.6
 174 115.1 93.4 140.2





#47

Bromodichloromethane

Concen: 49.837 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampled :

BFB

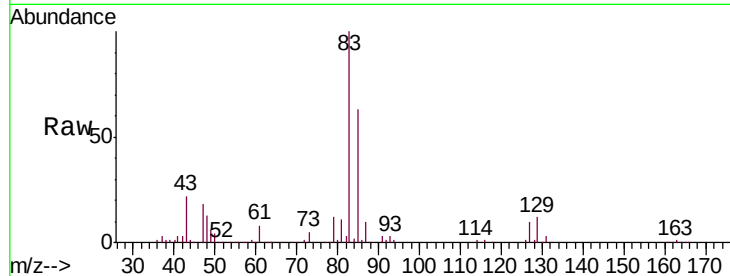
Tgt Ion: 83 Resp: 94932

Ion Ratio Lower Upper

83 100

85 62.7 52.2 78.2

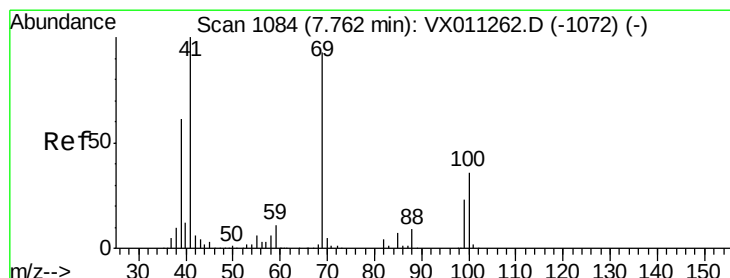
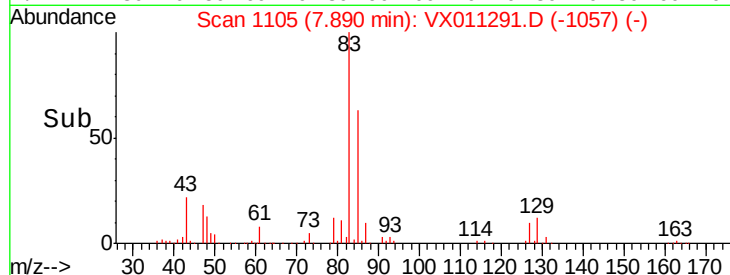
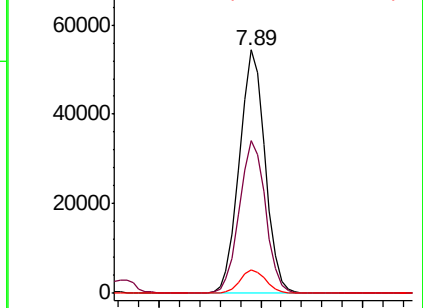
127 9.7 7.8 11.8



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: 47.875 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

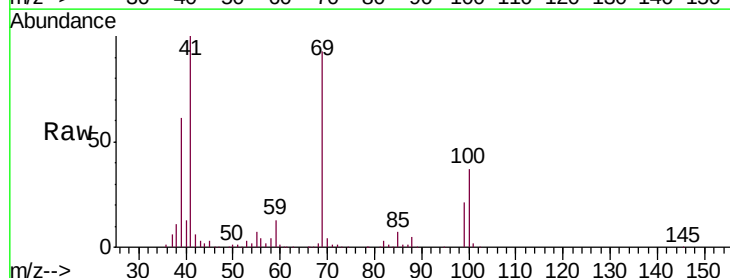
Tgt Ion: 41 Resp: 72055

Ion Ratio Lower Upper

41 100

69 93.3 74.5 111.7

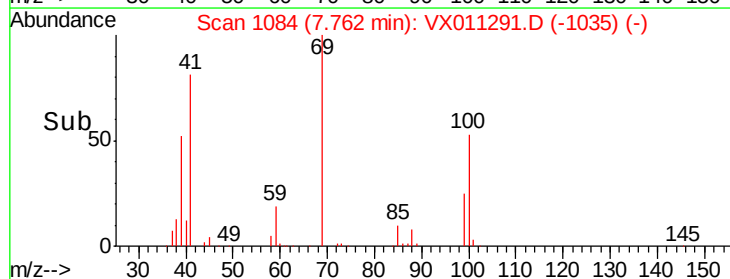
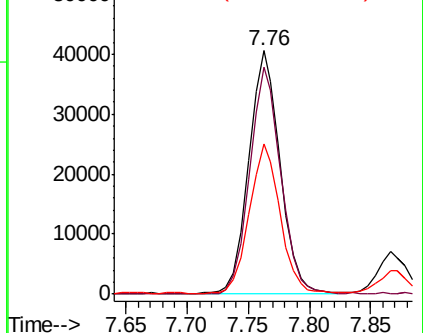
39 60.3 48.6 72.8

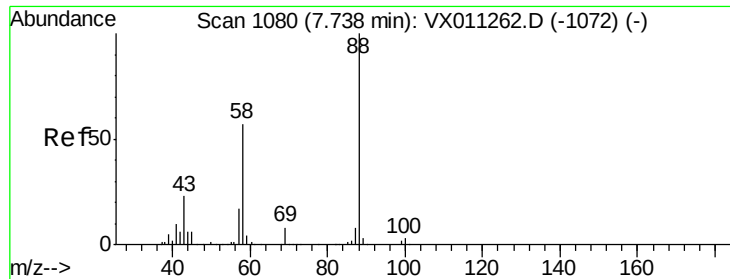


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

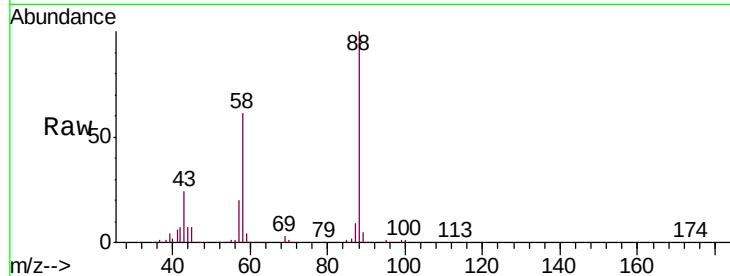




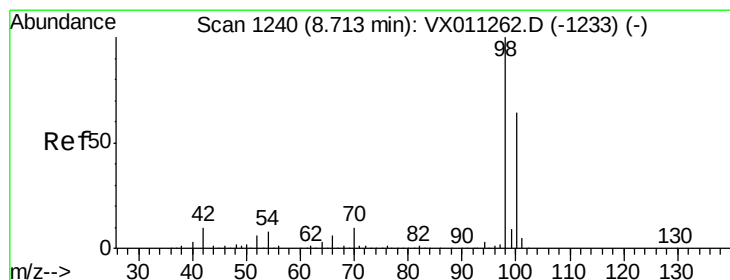
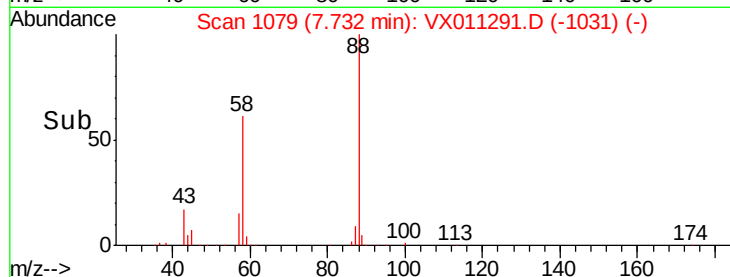
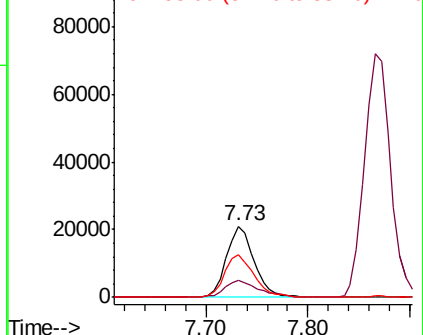
#49
1,4-Dioxane
Concen: 901.149 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tgt Ion: 88 Resp: 39320
Ion Ratio Lower Upper
88 100
43 28.9 22.2 33.2
58 64.1 47.8 71.8

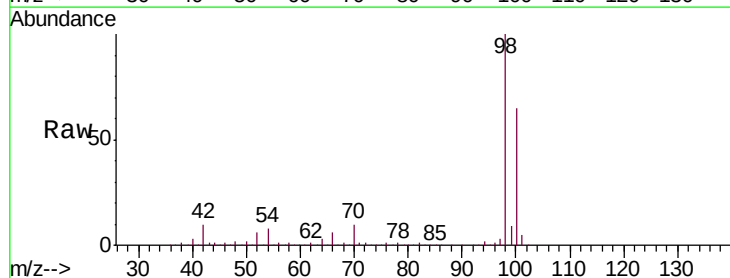


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

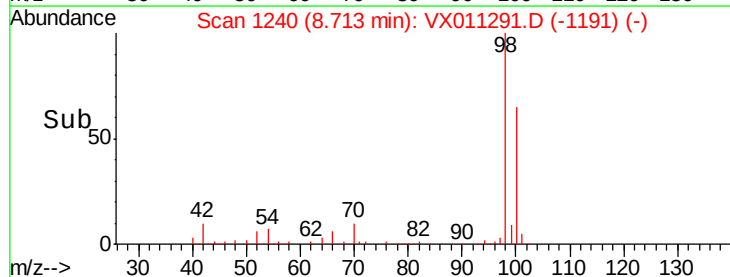
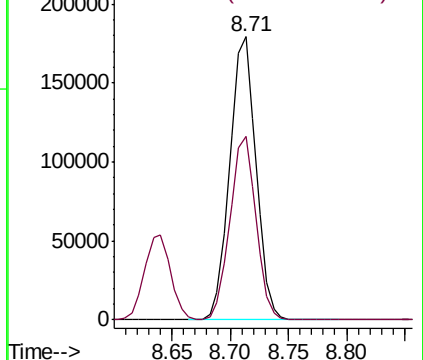


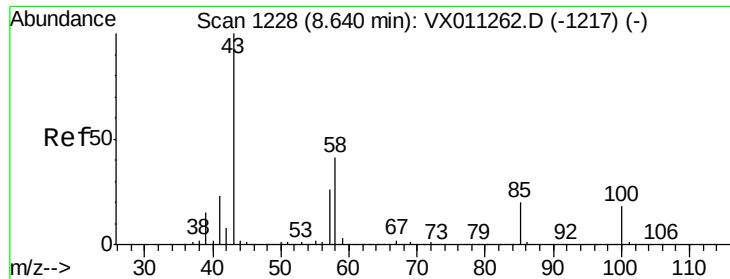
#50
Toluene-d8
Concen: 50.056 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

Tgt Ion: 98 Resp: 281761
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

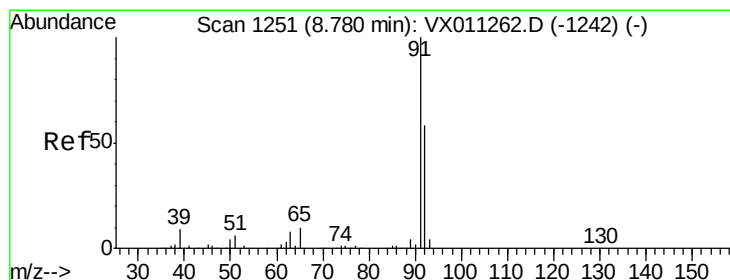
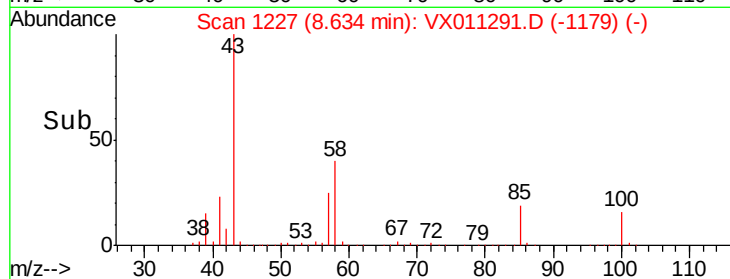
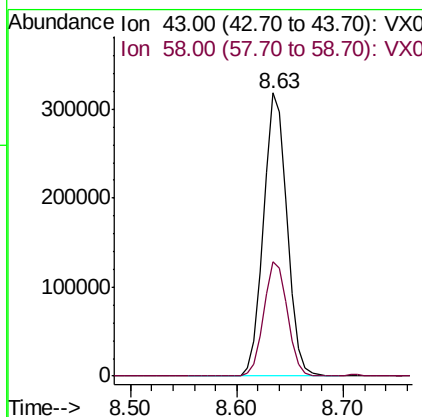
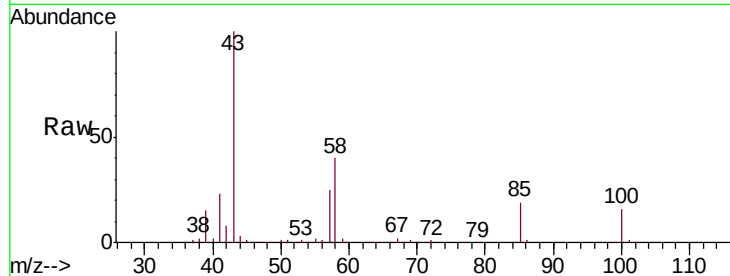




#51
 4-Methyl-2-Pentanone
 Concen: 239.448 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

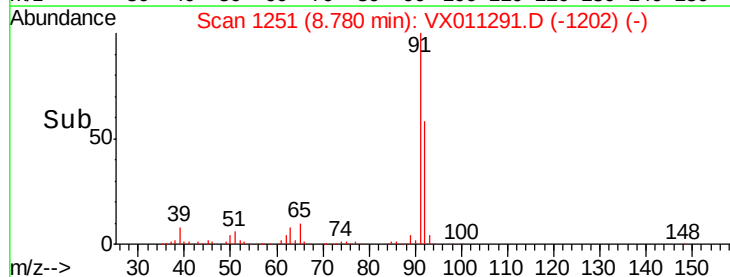
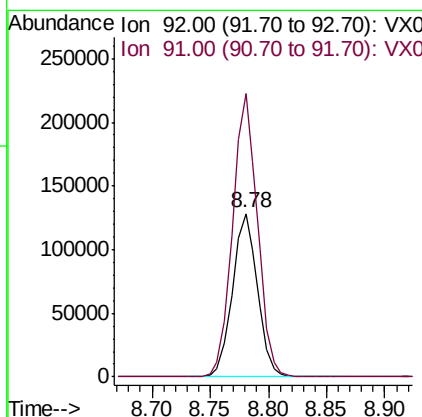
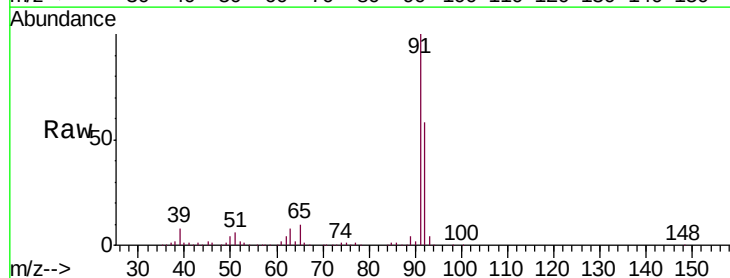
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

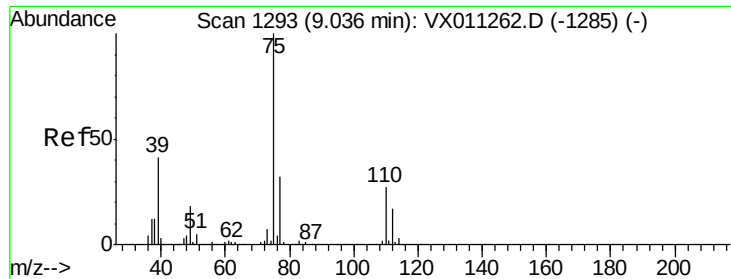
Tgt Ion: 43 Resp: 494203
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.3 48.5



#52
 Toluene
 Concen: 48.425 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

Tgt Ion: 92 Resp: 190530
 Ion Ratio Lower Upper
 92 100
 91 173.5 139.4 209.0

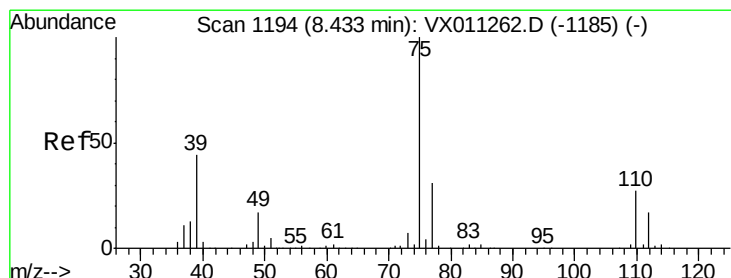
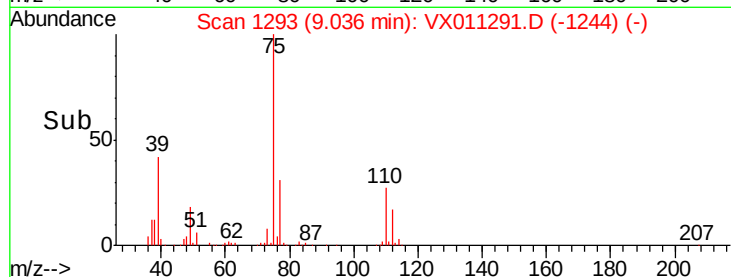
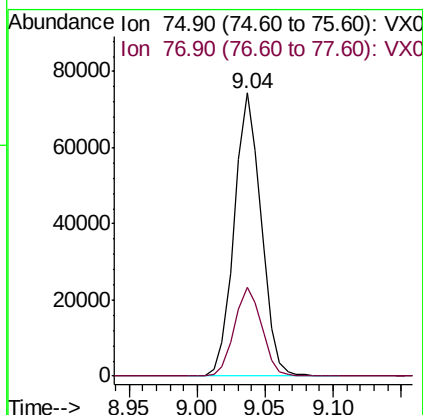
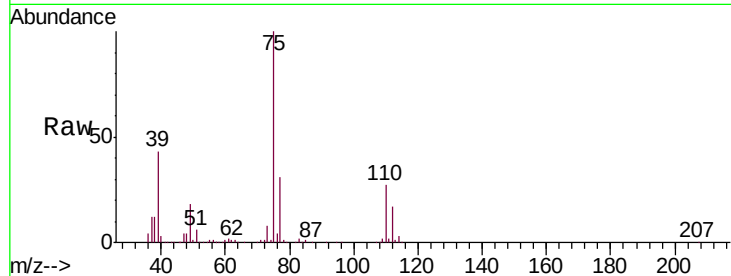




#53
 t-1,3-Dichloropropene
 Concen: 46.507 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

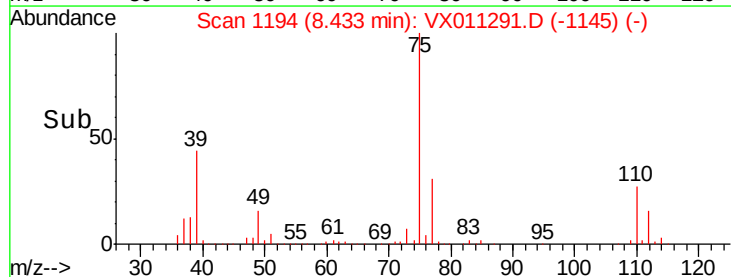
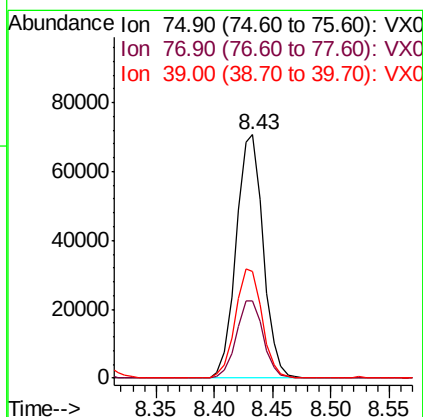
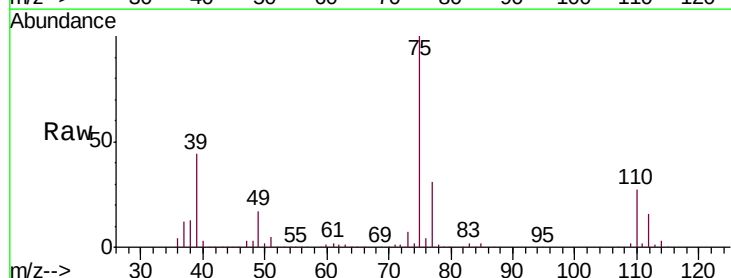
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

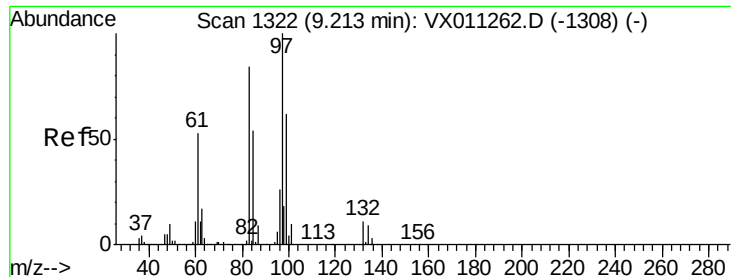
Tgt Ion: 75 Resp: 102703
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.418 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

Tgt Ion: 75 Resp: 114411
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6
 39 43.7 35.3 52.9

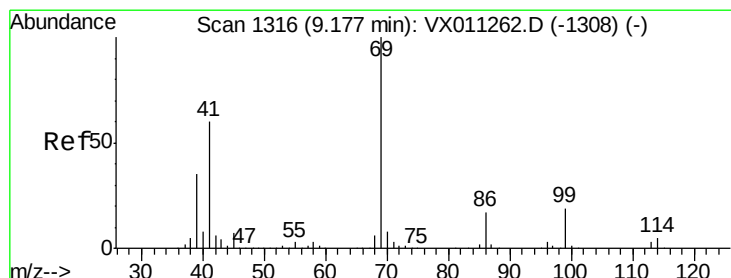
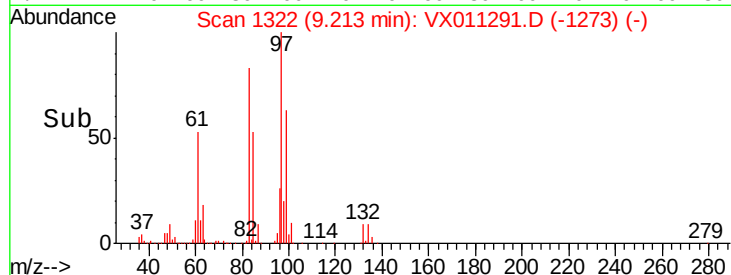
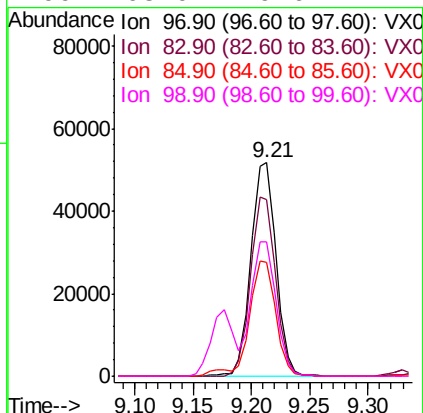
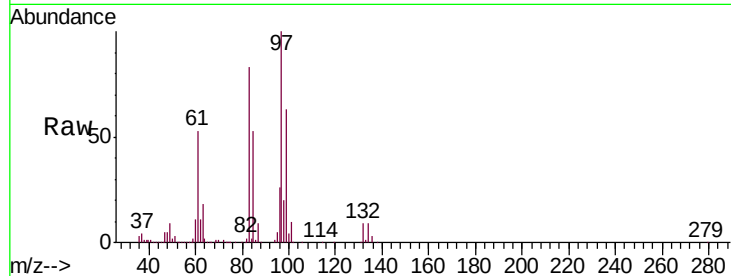




#55
 1,1,2-Trichloroethane
 Concen: 48.534 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

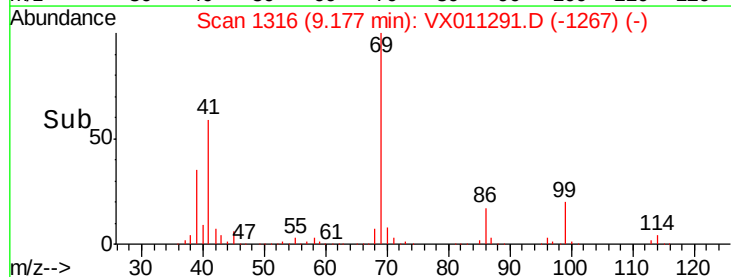
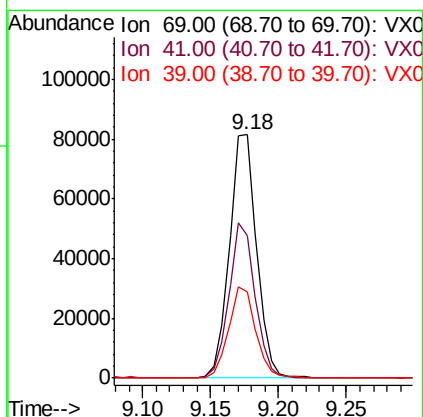
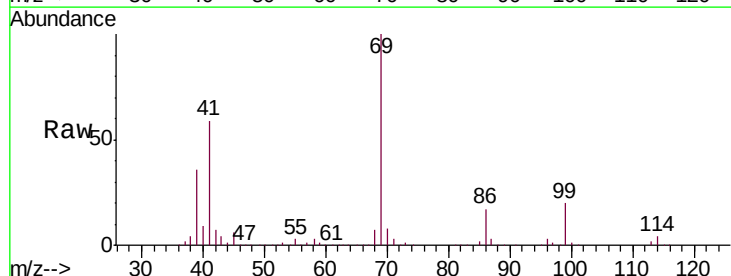
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

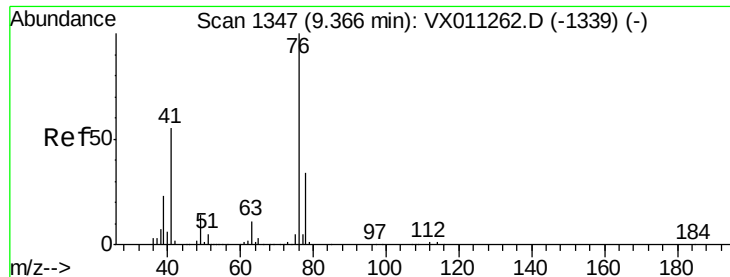
Tgt Ion:	97	Resp:	78514
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.6	101.4
85	53.2	43.4	65.0
99	63.0	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 49.161 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

Tgt Ion:	69	Resp:	113333
Ion	Ratio	Lower	Upper
69	100		
41	60.9	48.6	73.0
39	37.1	29.4	44.2

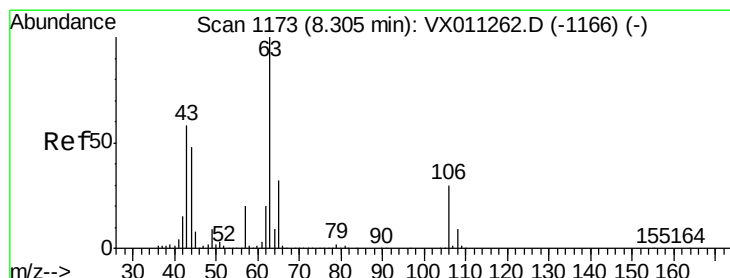
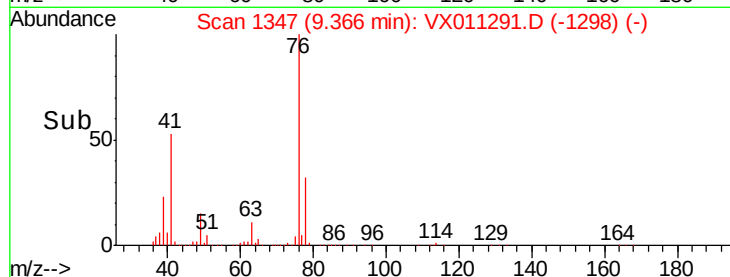
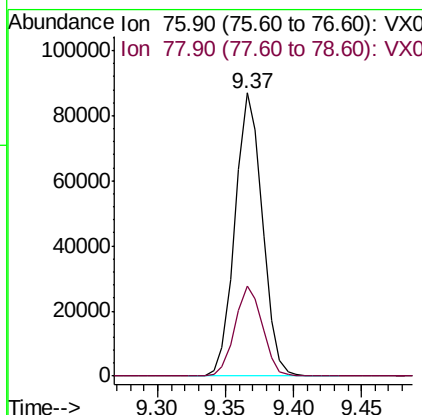
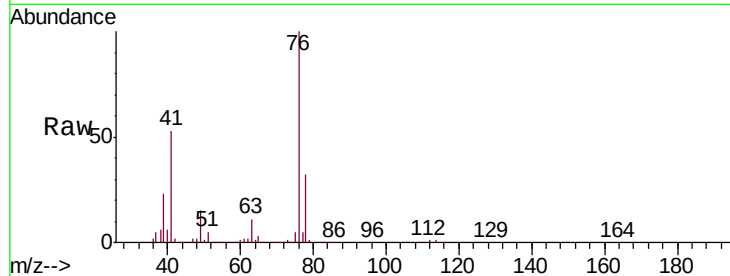




#57
 1,3-Dichloropropane
 Concen: 47.763 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

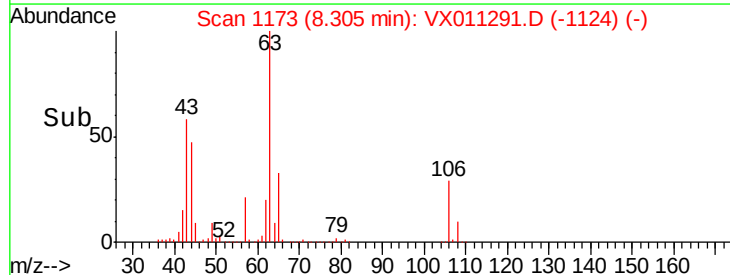
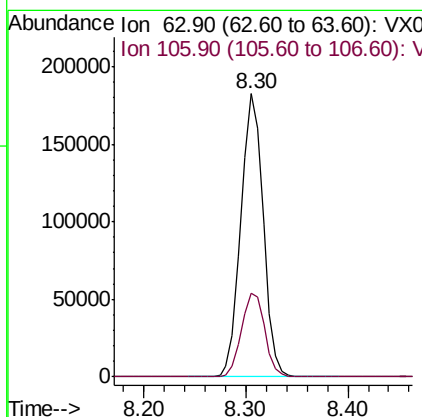
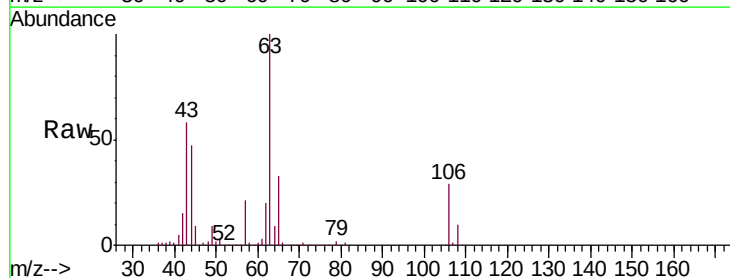
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

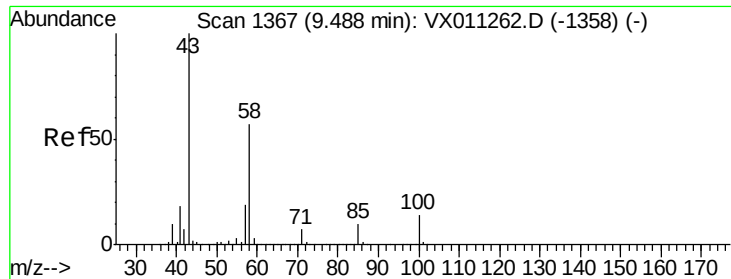
Tgt Ion: 76 Resp: 122197
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.008 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

Tgt Ion: 63 Resp: 276586
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.4 36.6

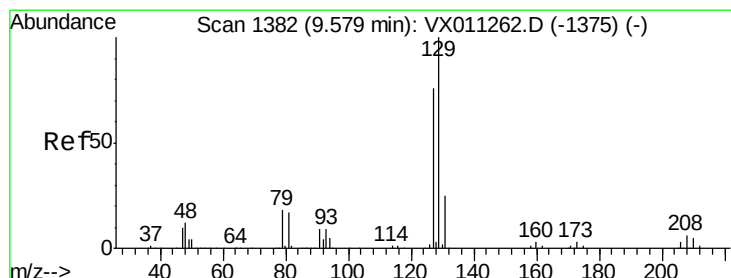
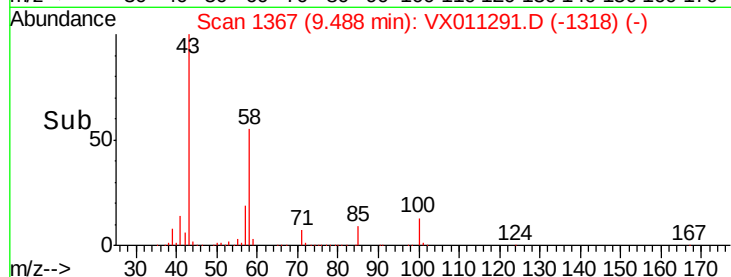
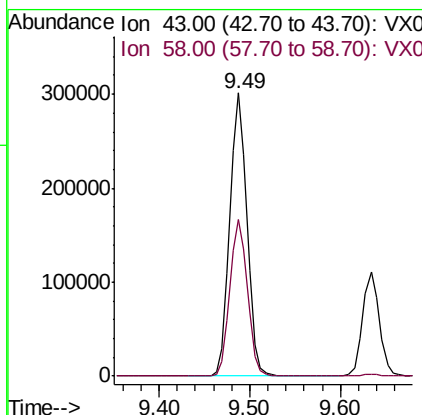
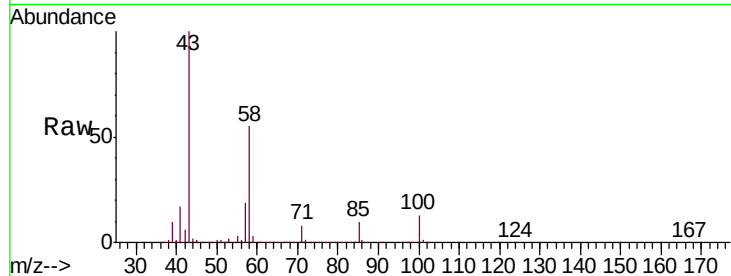




#59
2-Hexanone
Concen: 248.409 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

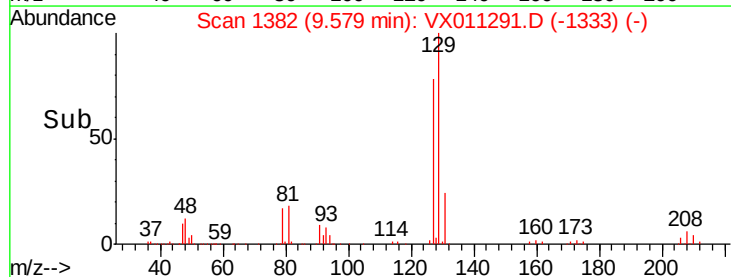
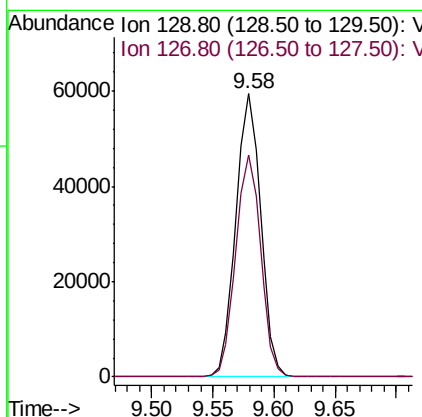
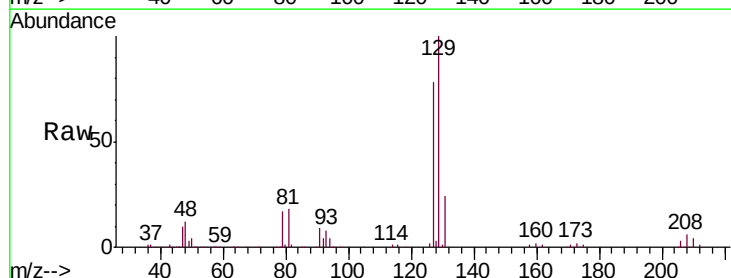
Instrument :
MSVOA_N
ClientSampled :
BFB

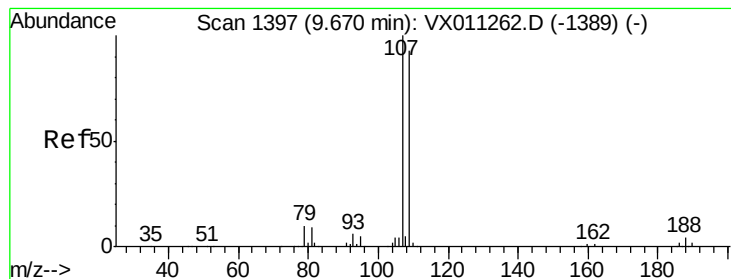
Tgt Ion: 43 Resp: 397118
Ion Ratio Lower Upper
43 100
58 56.3 28.2 84.6



#60
Dibromochloromethane
Concen: 50.624 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

Tgt Ion: 129 Resp: 83845
Ion Ratio Lower Upper
129 100
127 78.5 39.2 117.6





#61

1,2-Dibromoethane

Concen: 48.500 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampleId :

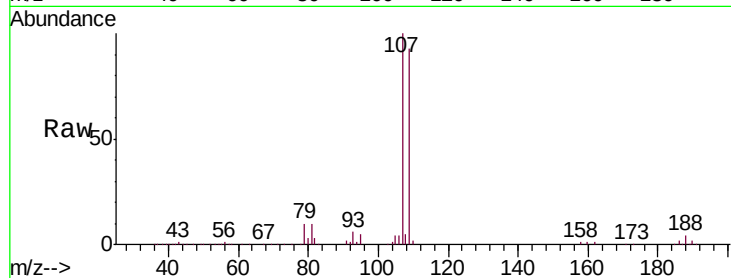
BFB

Tgt Ion: 107 Resp: 84767

Ion Ratio Lower Upper

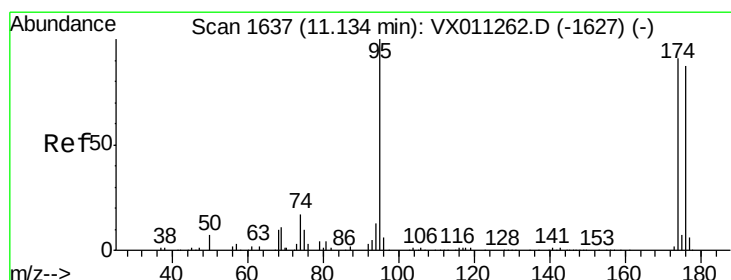
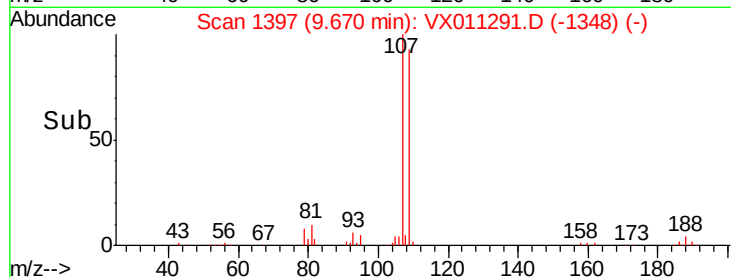
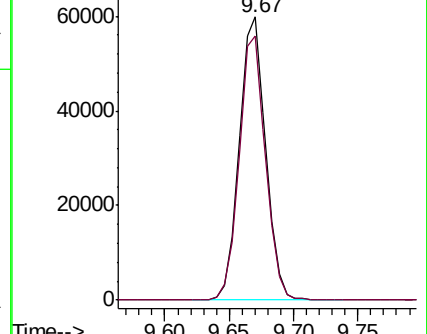
107 100

109 93.5 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.251 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

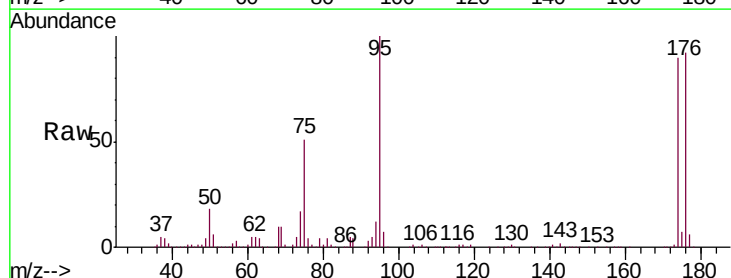
Tgt Ion: 95 Resp: 105007

Ion Ratio Lower Upper

95 100

174 93.7 0.0 191.2

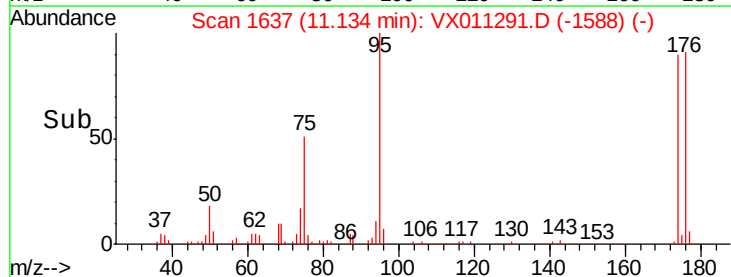
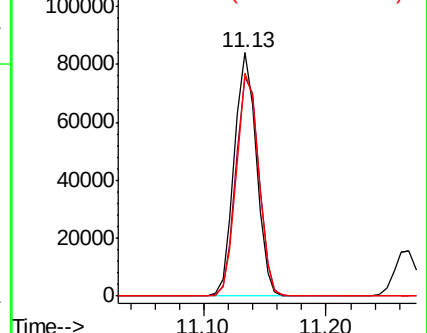
176 91.1 0.0 184.8

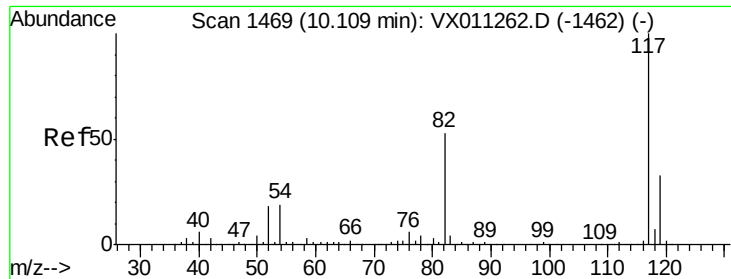


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampled :

BFB

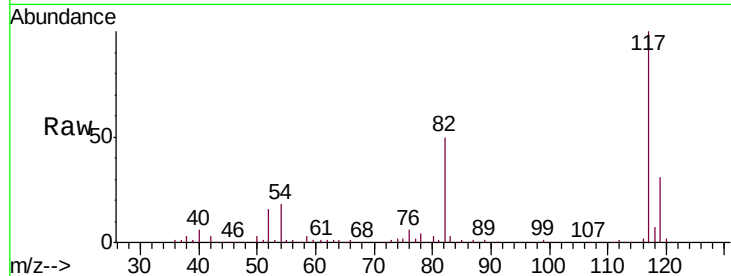
Tgt Ion:117 Resp: 215057

Ion Ratio Lower Upper

117 100

82 50.2 42.2 63.2

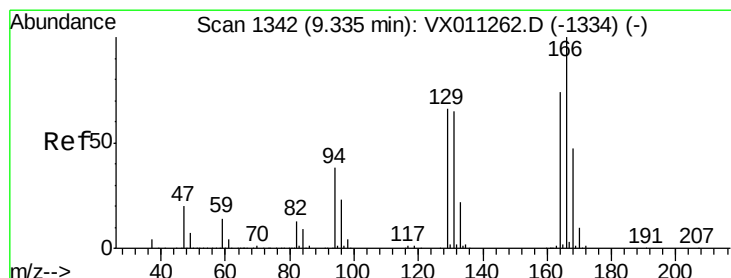
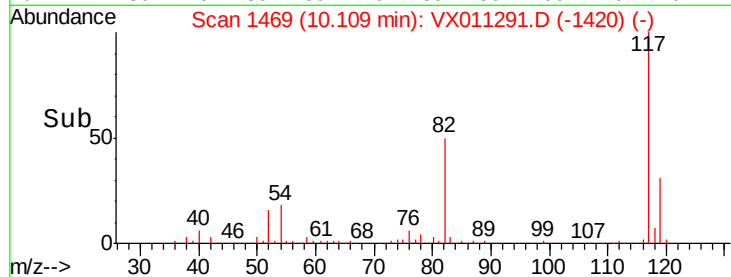
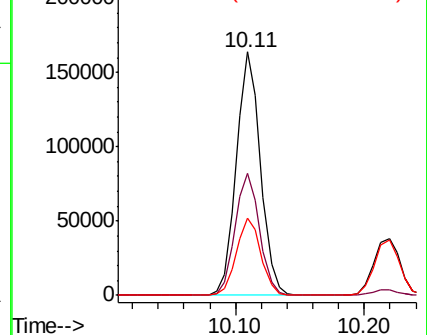
119 31.5 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 47.086 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Tgt Ion:164 Resp: 85996

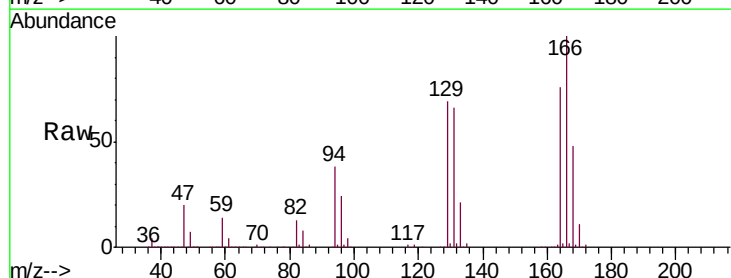
Ion Ratio Lower Upper

164 100

166 131.6 107.5 161.3

129 91.1 71.0 106.4

131 86.7 69.8 104.6

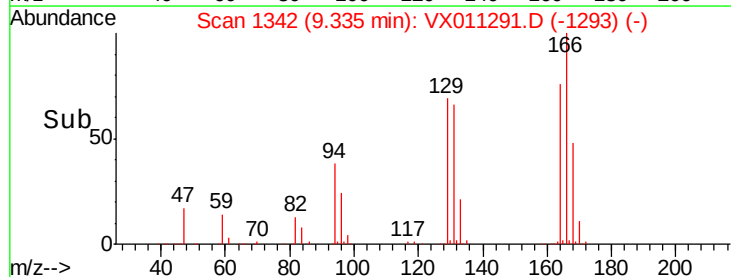
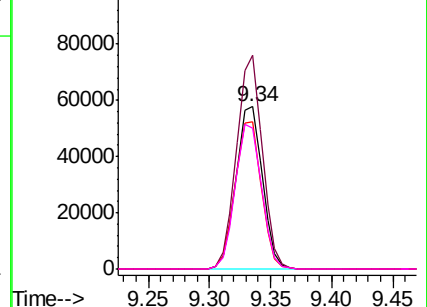


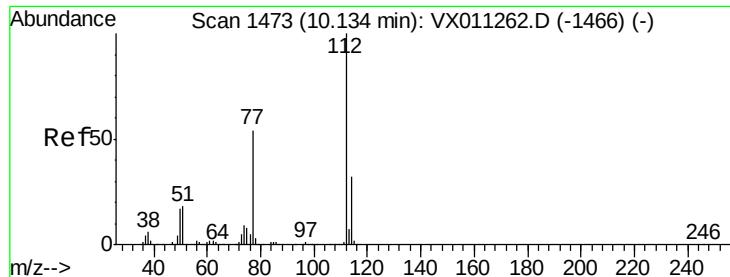
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

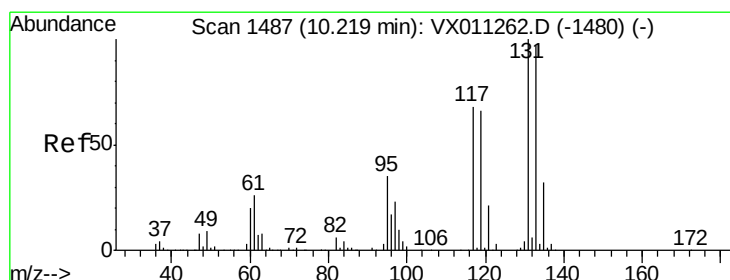
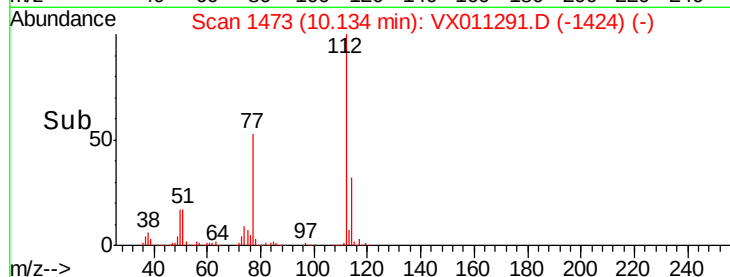
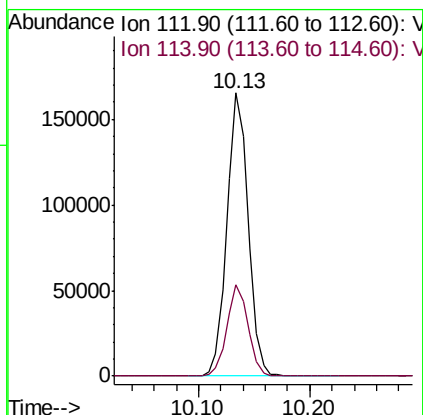
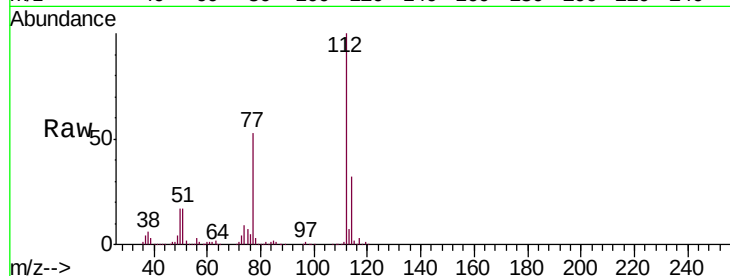




#65
Chlorobenzene
Concen: 47.293 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

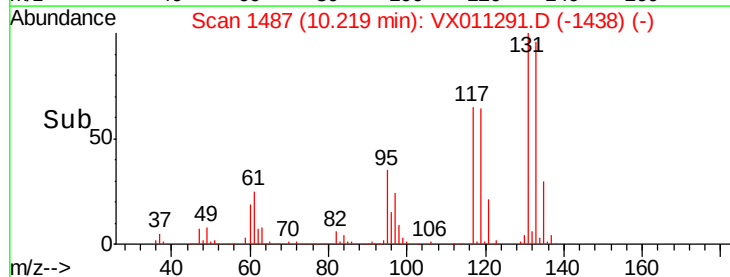
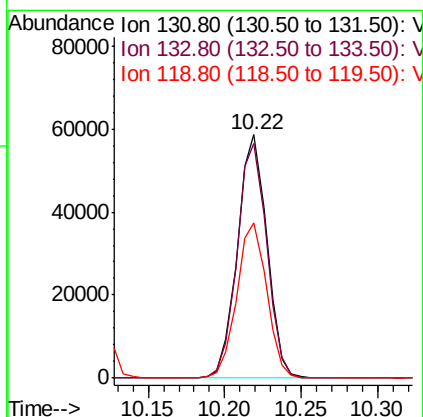
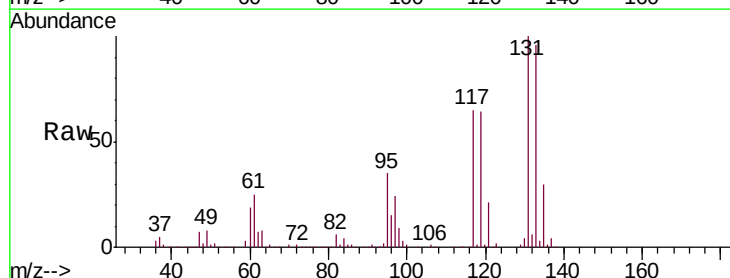
Instrument :
MSVOA_N
ClientSampled :
BFB

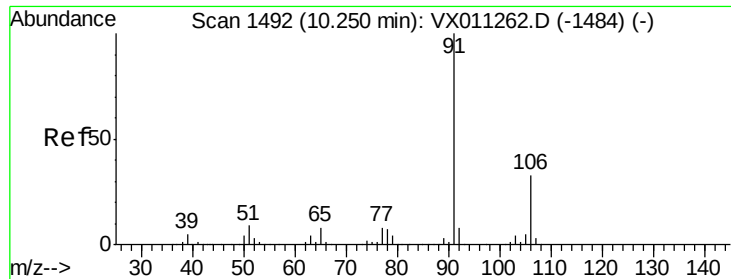
Tgt Ion:112 Resp: 218074
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.499 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

Tgt Ion:131 Resp: 78141
Ion Ratio Lower Upper
131 100
133 97.3 47.7 143.1
119 64.8 32.8 98.3





#67

Ethyl Benzene

Concen: 48.551 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampleId :

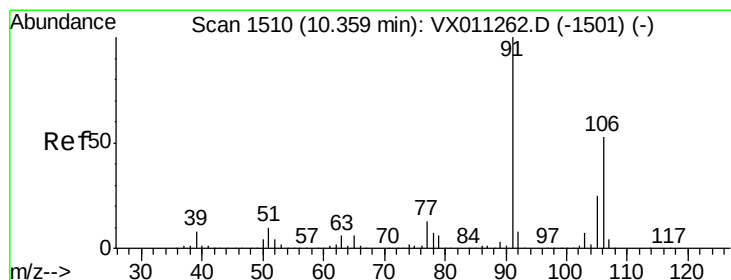
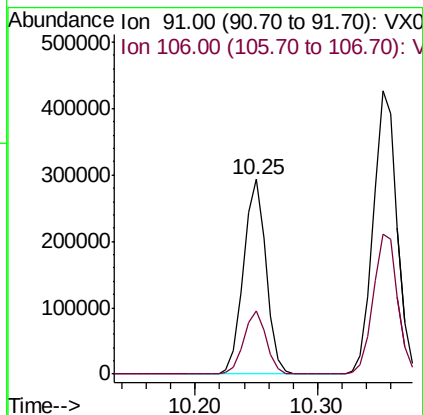
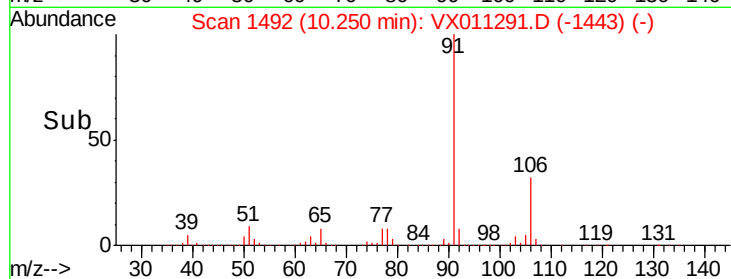
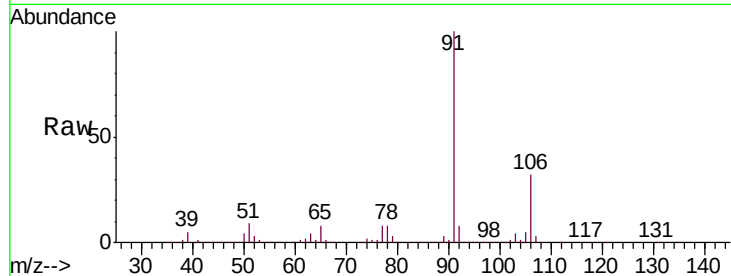
BFB

Tgt Ion: 91 Resp: 374929

Ion Ratio Lower Upper

91 100

106 32.3 26.2 39.4



#68

m/p-Xylenes

Concen: 98.224 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011291.D

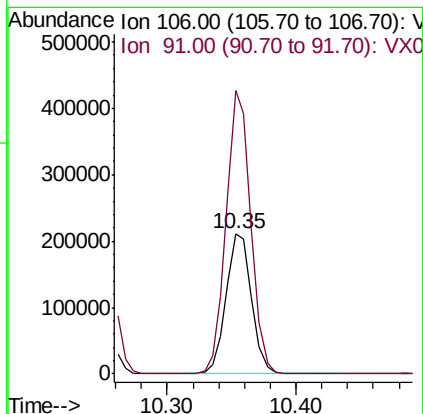
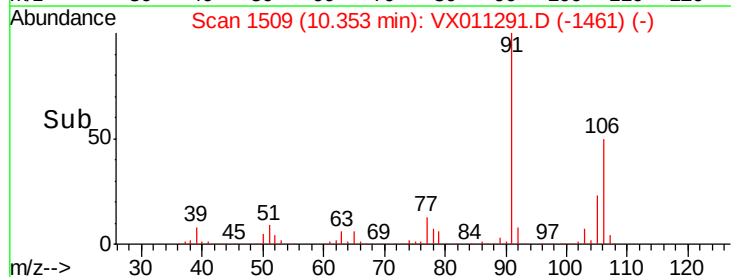
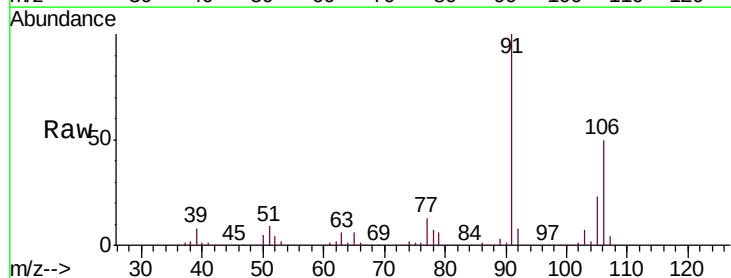
Acq: 02 Aug 2019 09:37

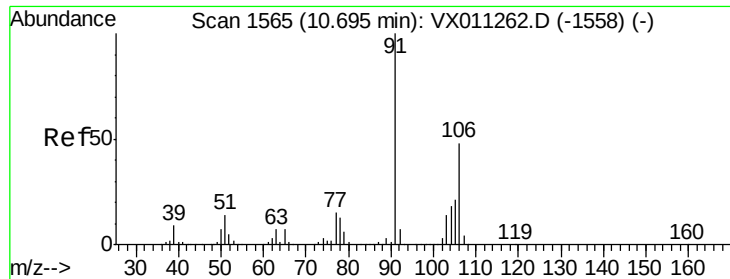
Tgt Ion: 106 Resp: 293398

Ion Ratio Lower Upper

106 100

91 195.5 155.9 233.9

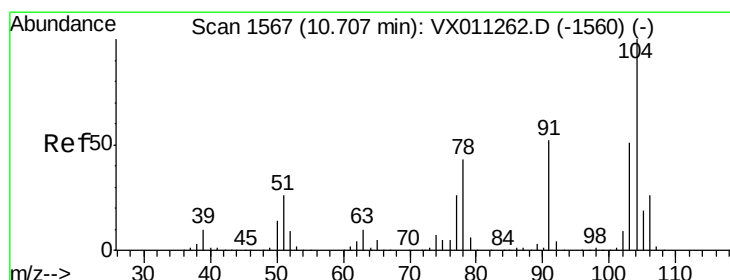
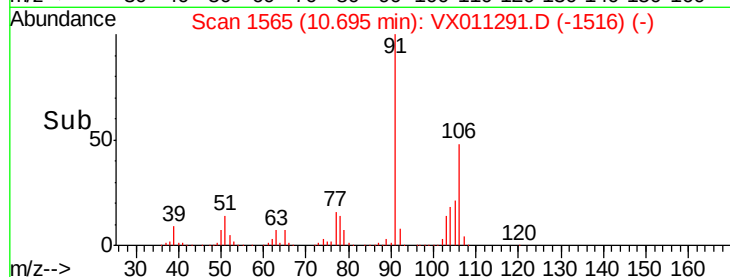
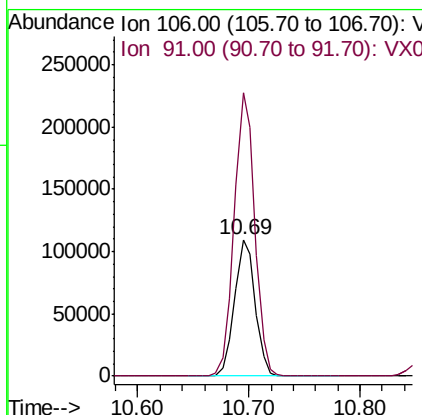
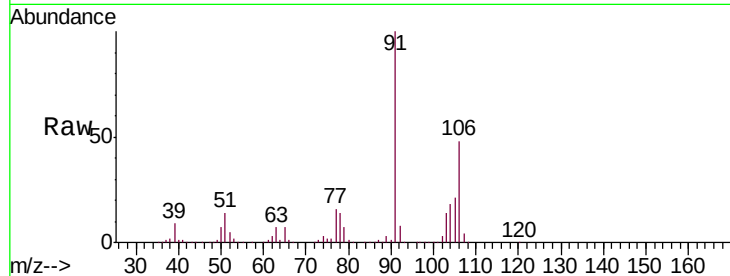




#69
o-Xylene
Concen: 47.779 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

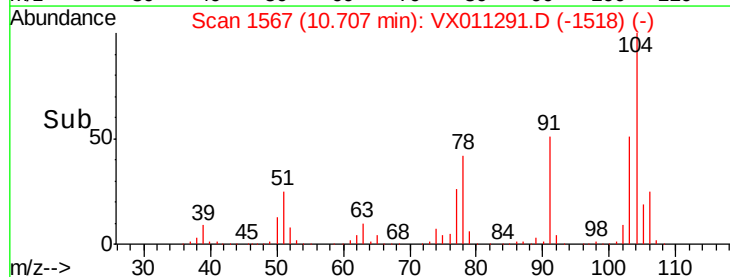
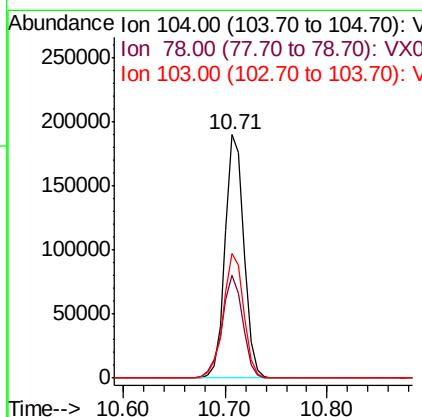
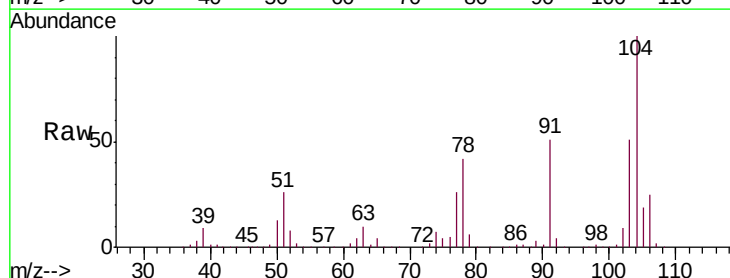
Instrument :
MSVOA_N
ClientSampled :
BFB

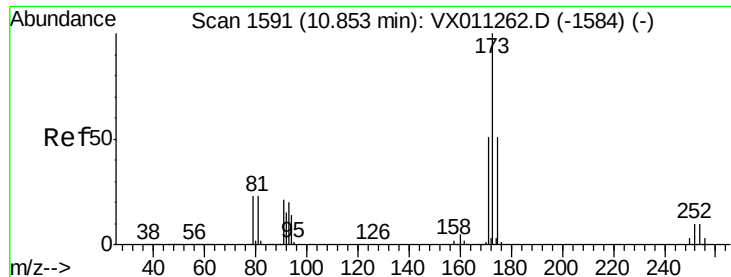
Tgt Ion:106 Resp: 140226
Ion Ratio Lower Upper
106 100
91 207.3 103.8 311.3



#70
Styrene
Concen: 50.264 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

Tgt Ion:104 Resp: 244092
Ion Ratio Lower Upper
104 100
78 46.3 36.9 55.3
103 55.1 44.4 66.6





#71

Bromoform

Concen: 45.197 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampleId :

BFB

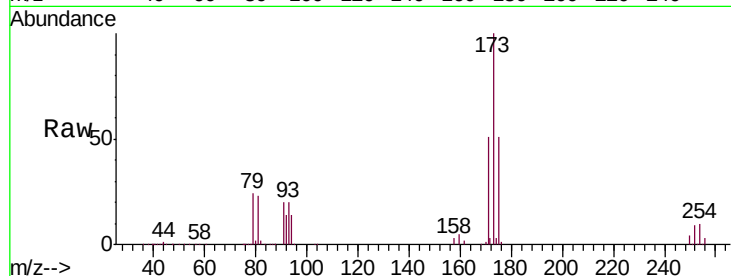
Tgt Ion:173 Resp: 63388

Ion Ratio Lower Upper

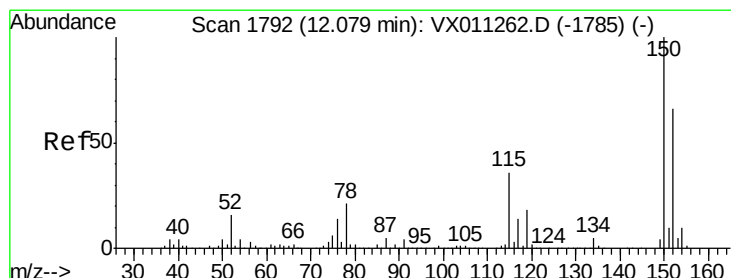
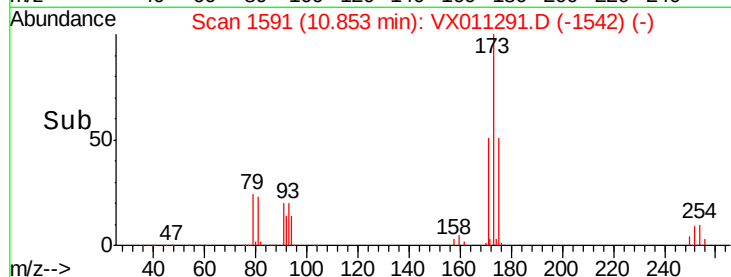
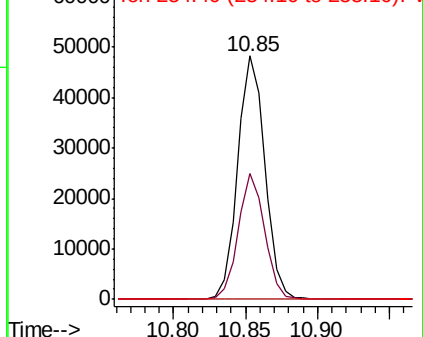
173 100

175 49.9 24.4 73.4

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

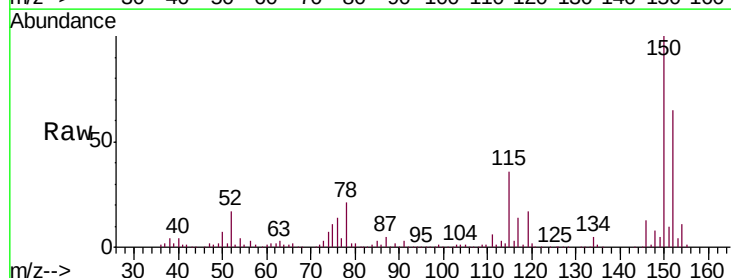
Tgt Ion:152 Resp: 118598

Ion Ratio Lower Upper

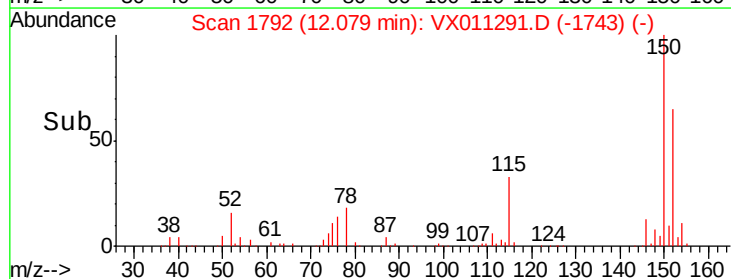
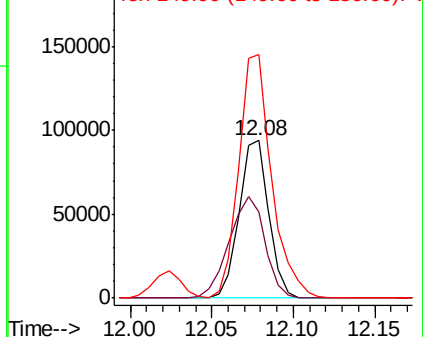
152 100

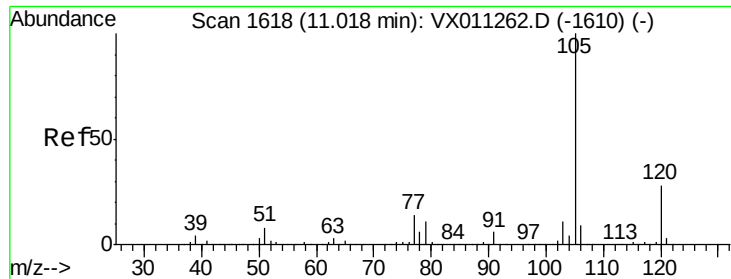
115 77.9 40.0 119.9

150 171.8 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

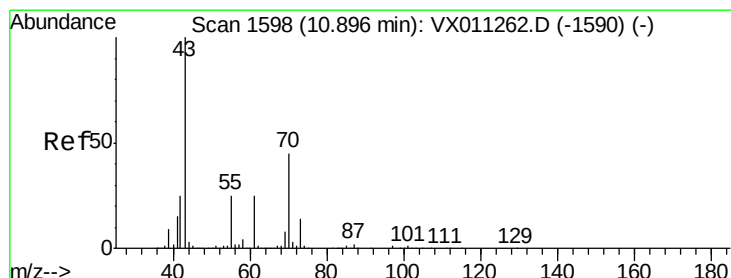
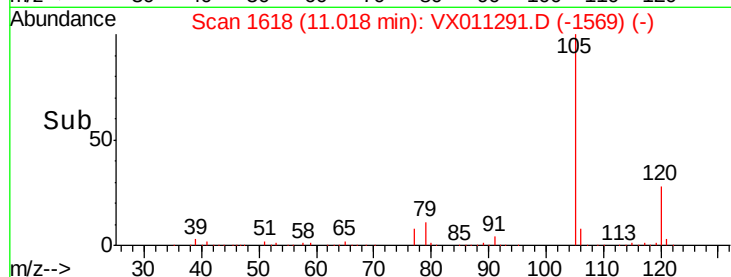
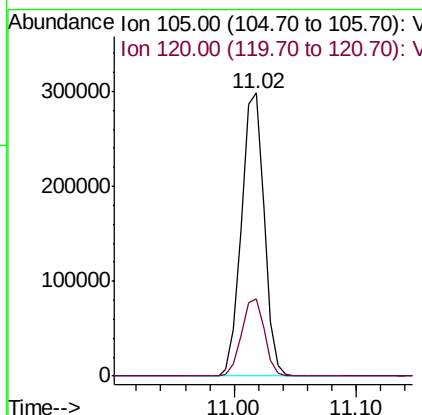
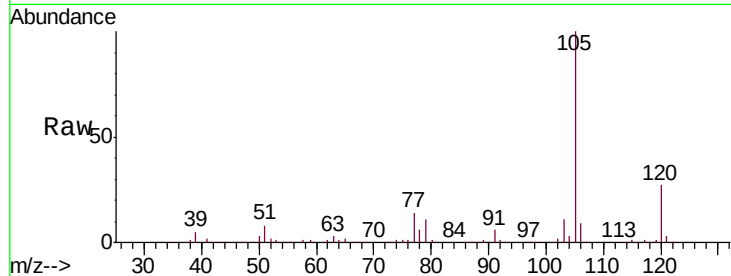




#73
Isopropylbenzene
Concen: 47.136 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

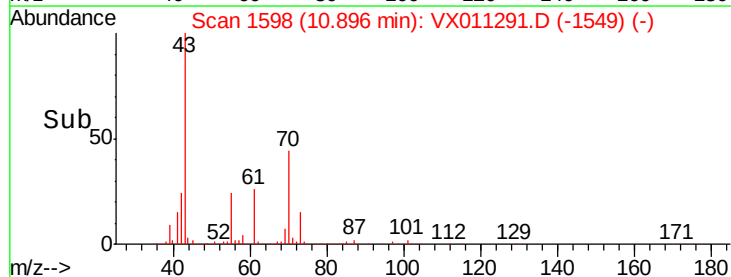
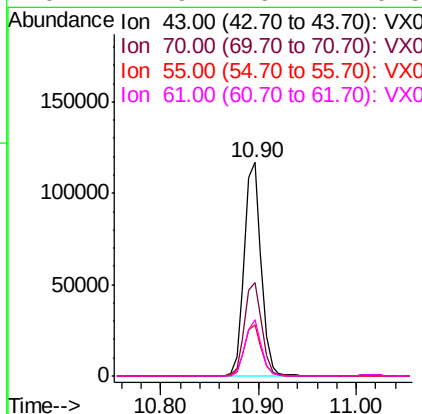
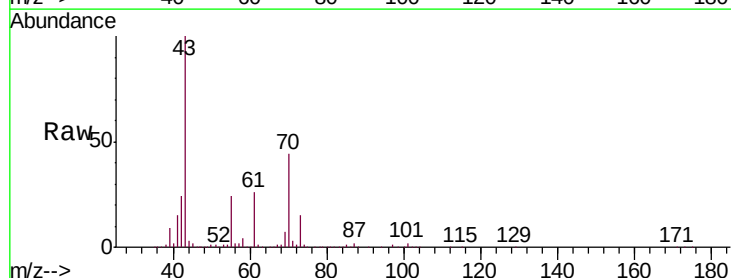
Instrument :
MSVOA_N
ClientSampled :
BFB

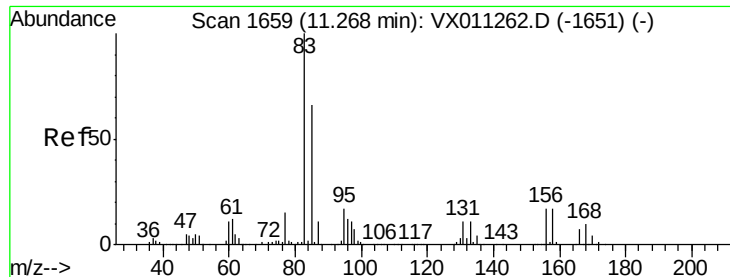
Tgt Ion: 105 Resp: 382335
Ion Ratio Lower Upper
105 100
120 27.6 13.7 41.1



#74
N-ethyl acetate
Concen: 48.132 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

Tgt Ion: 43 Resp: 141068
Ion Ratio Lower Upper
43 100
70 44.6 35.9 53.9
55 23.9 19.8 29.6
61 24.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 45.096 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampled :

BFB

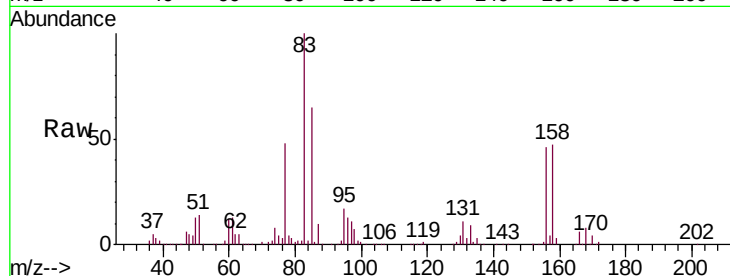
Tgt Ion: 83 Resp: 121899

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

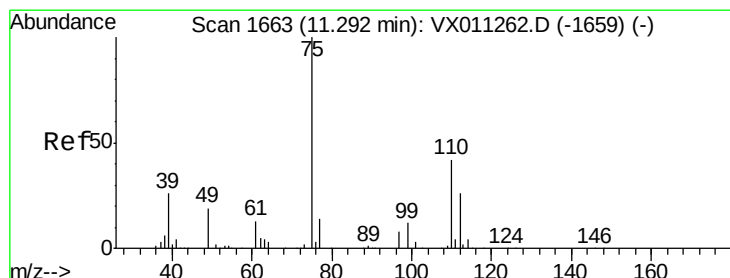
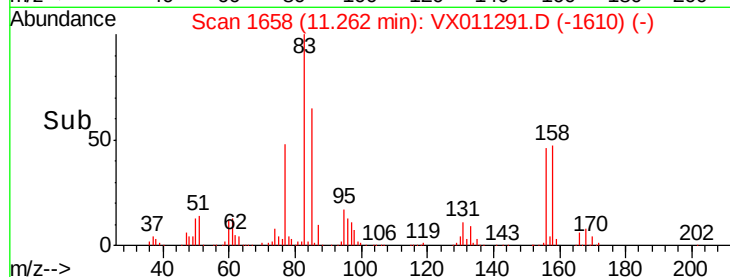
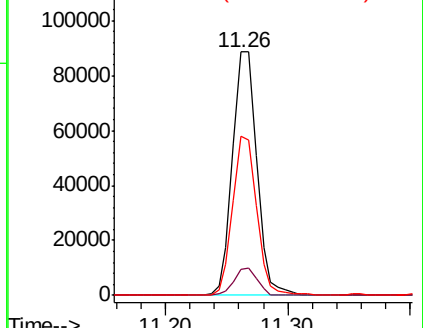
85 64.7 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.836 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011291.D

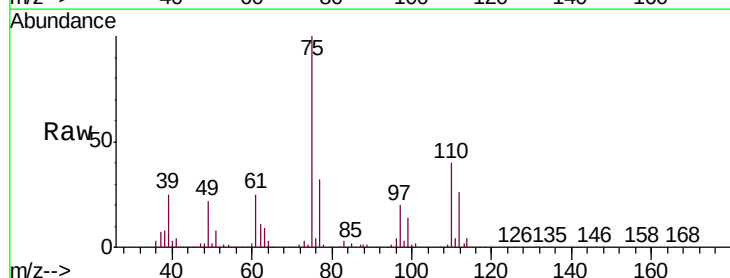
Acq: 02 Aug 2019 09:37

Tgt Ion: 75 Resp: 131395

Ion Ratio Lower Upper

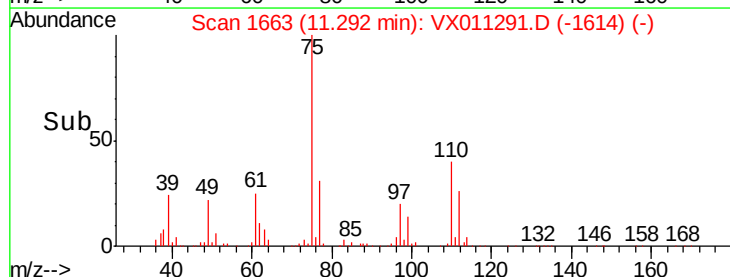
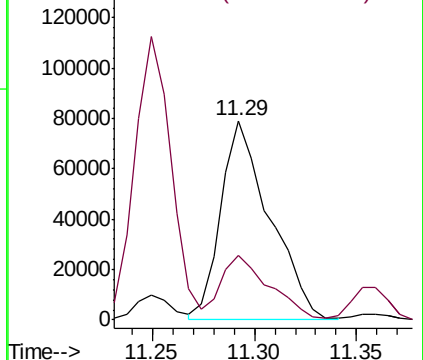
75 100

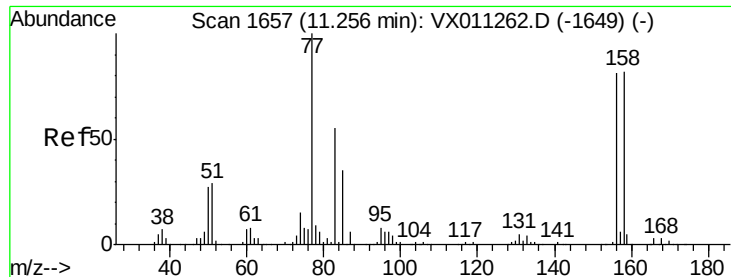
77 32.2 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.049 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampleId :

BFB

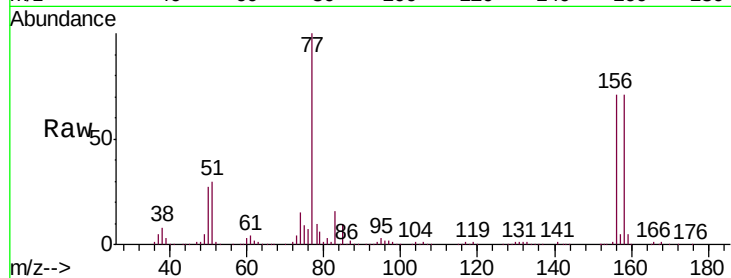
Tgt Ion:156 Resp: 103575

Ion Ratio Lower Upper

156 100

77 135.3 66.2 198.6

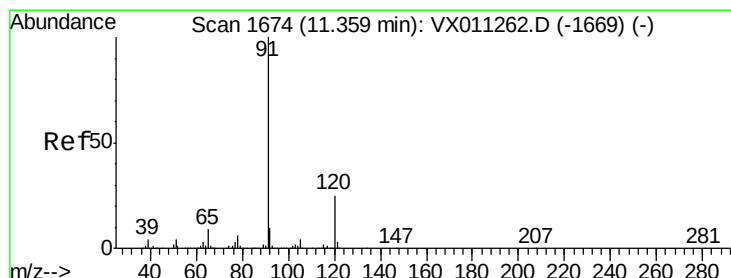
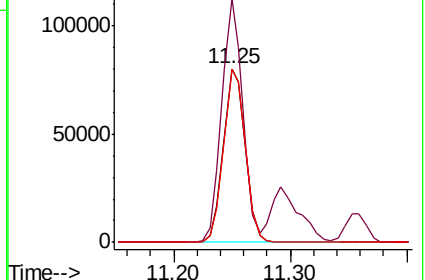
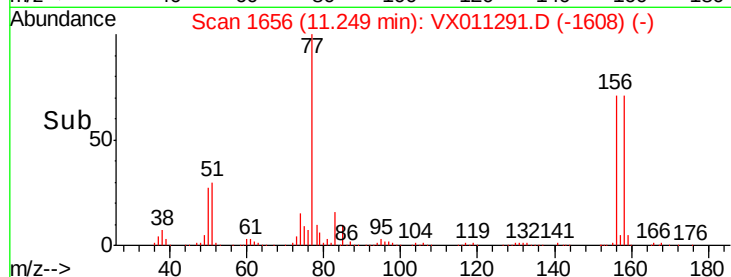
158 99.1 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.675 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011291.D

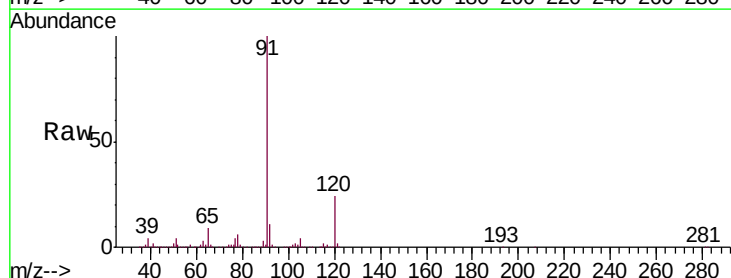
Acq: 02 Aug 2019 09:37

Tgt Ion: 91 Resp: 439058

Ion Ratio Lower Upper

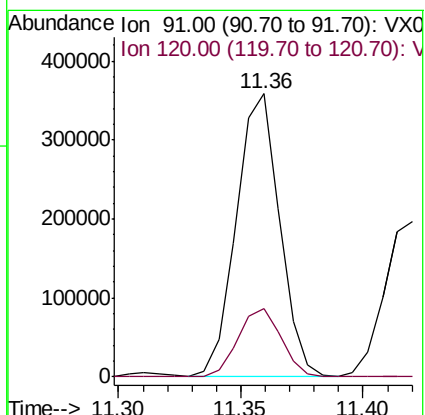
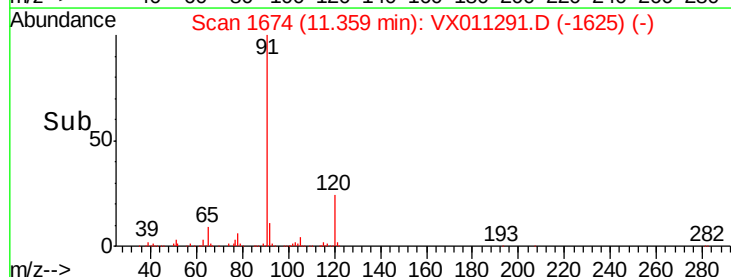
91 100

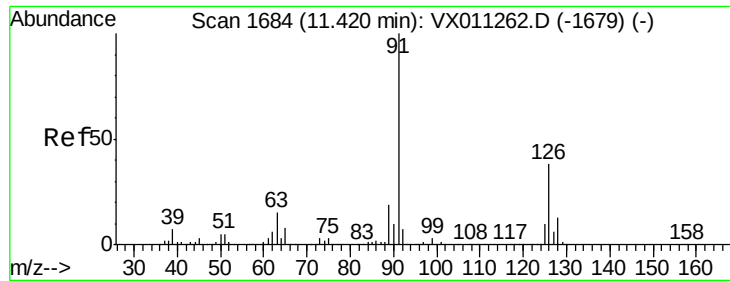
120 24.4 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

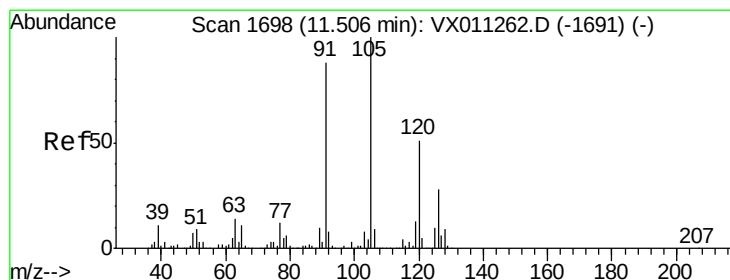
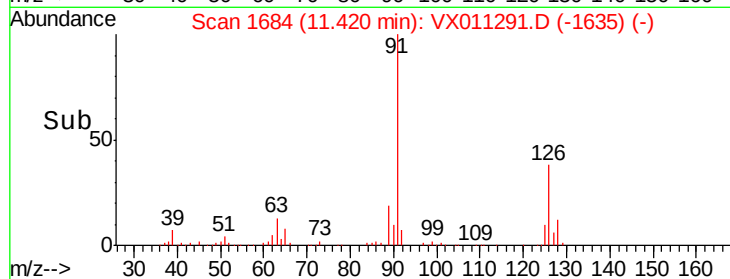
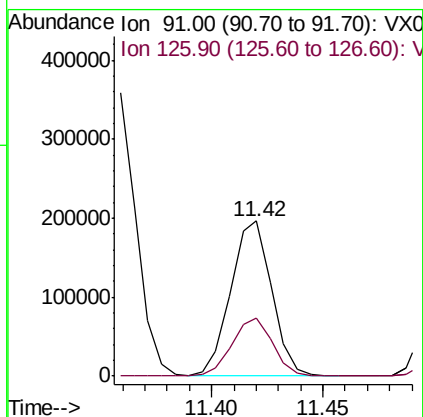
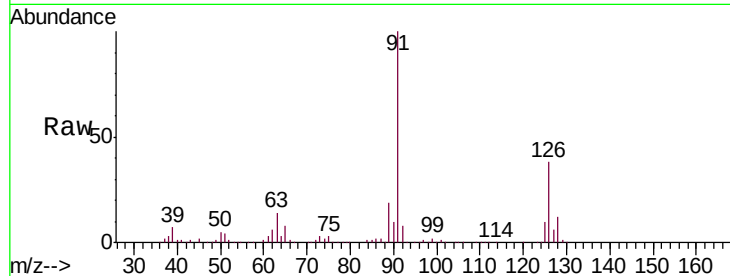




#79
 2-Chlorotoluene
 Concen: 46.769 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

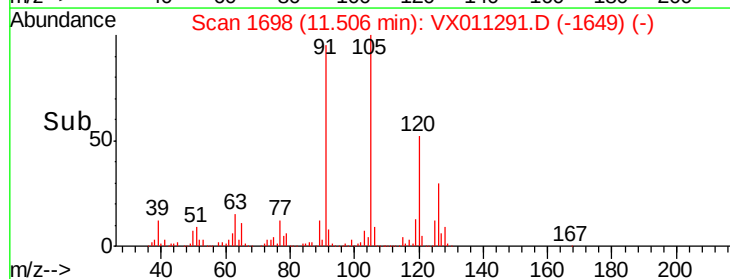
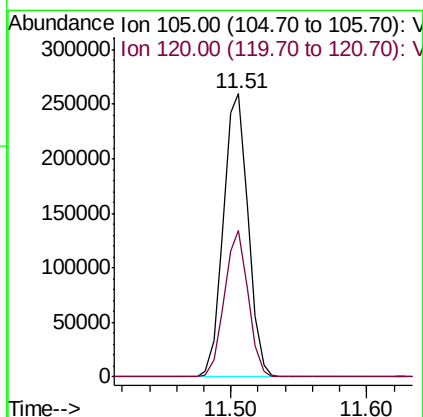
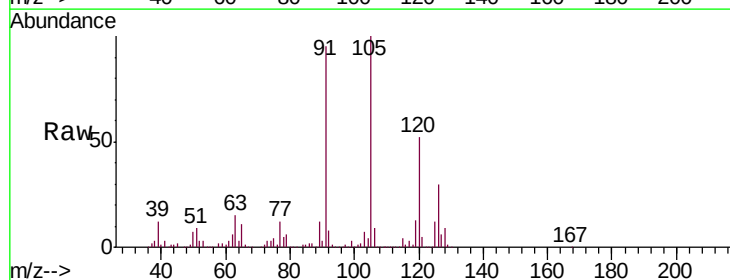
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

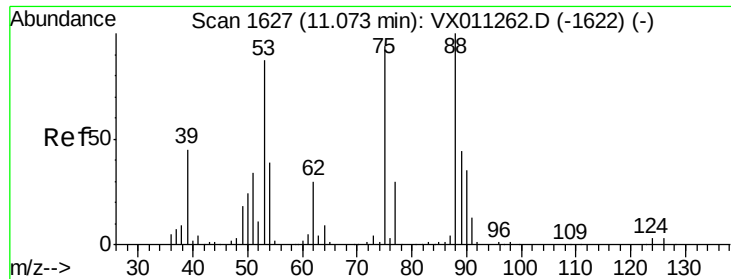
Tgt Ion: 91 Resp: 251446
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 48.033 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

Tgt Ion: 105 Resp: 326144
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 44.466 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011291.D

Acq: 02 Aug 2019 09:37

Instrument :

MSVOA_N

ClientSampled :

BFB

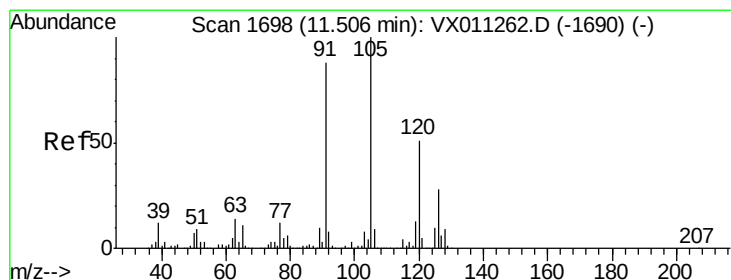
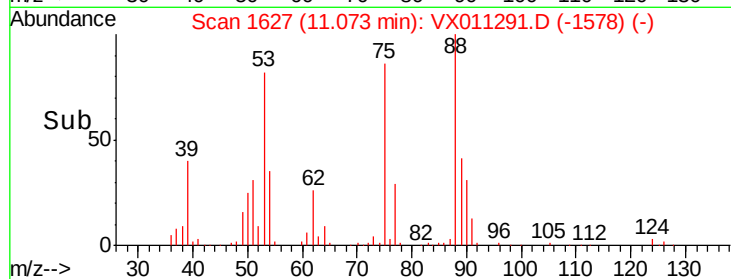
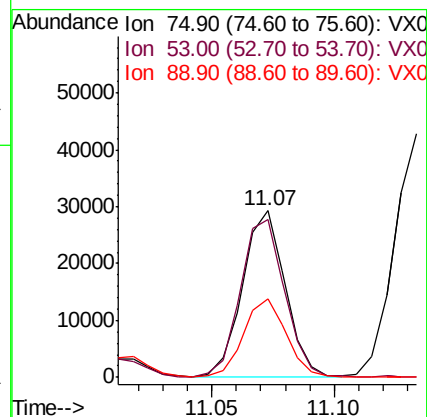
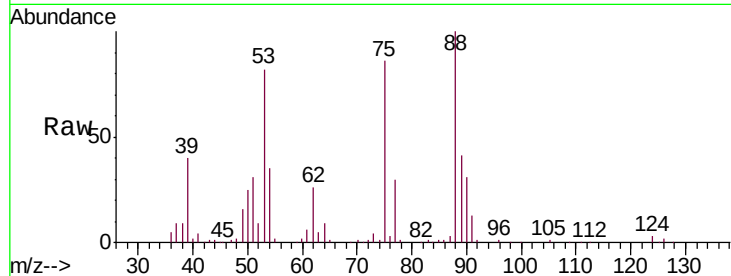
Tgt Ion: 75 Resp: 35520

Ion Ratio Lower Upper

75 100

53 97.8 78.2 117.4

89 47.3 37.9 56.9



#82

4-Chlorotoluene

Concen: 47.335 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011291.D

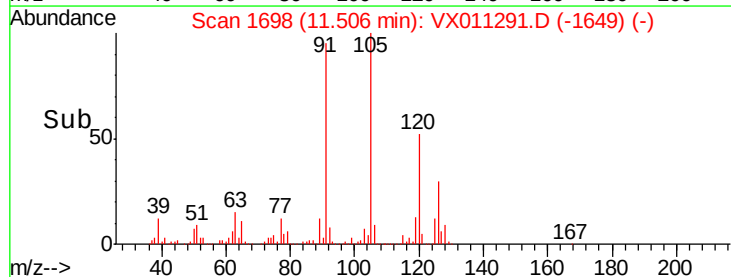
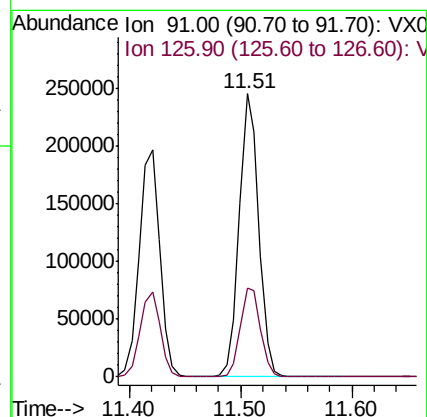
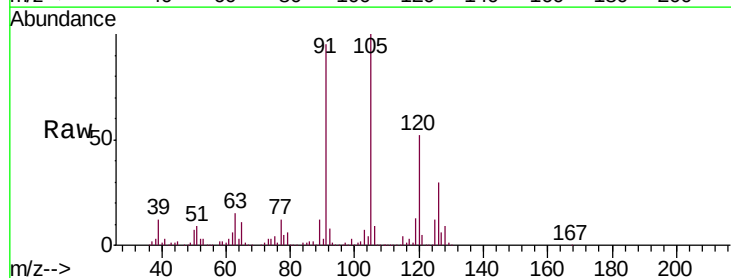
Acq: 02 Aug 2019 09:37

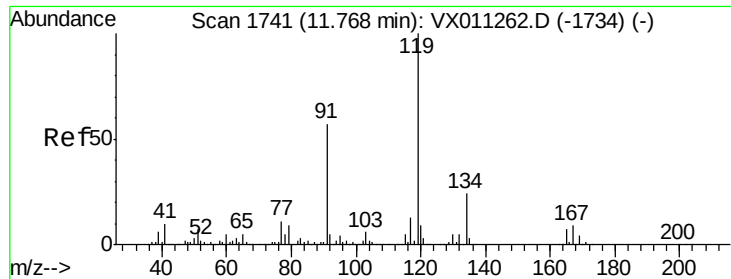
Tgt Ion: 91 Resp: 296584

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.2

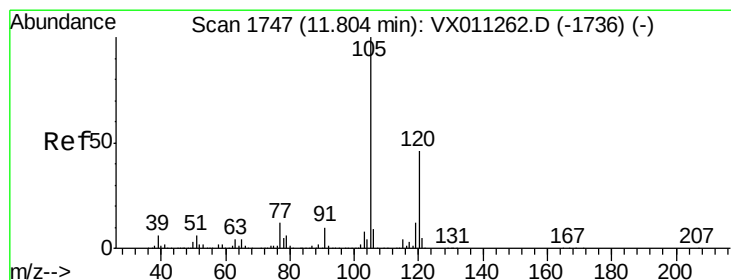
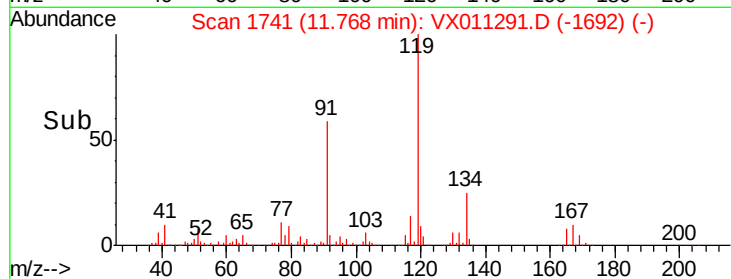
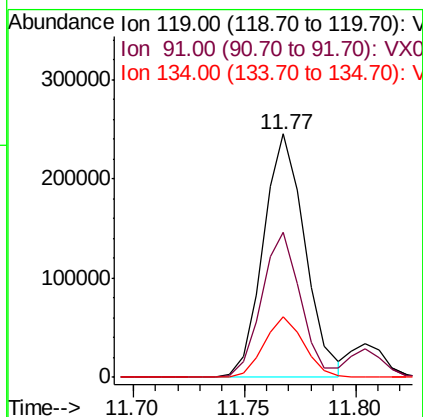
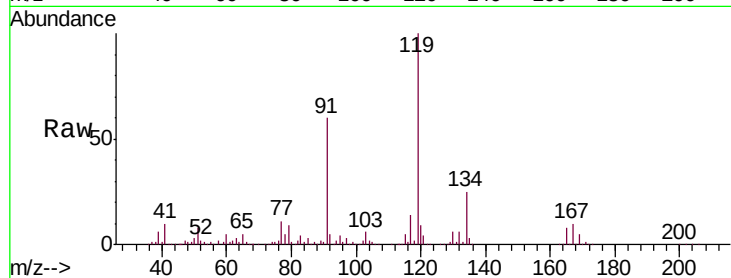




#83
 tert-Butylbenzene
 Concen: 47.910 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

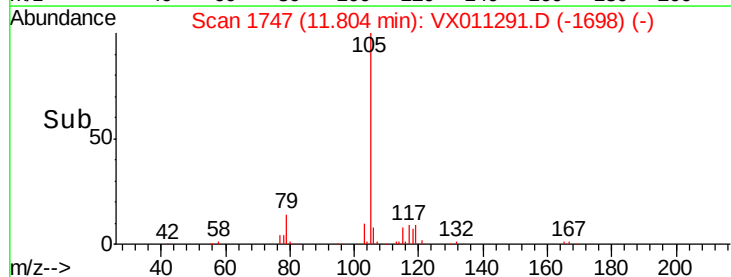
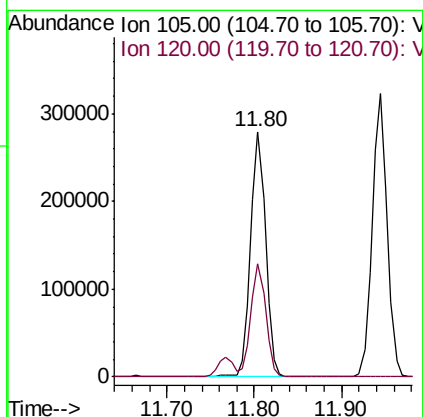
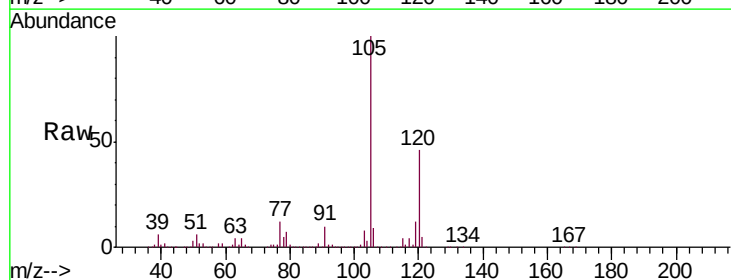
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

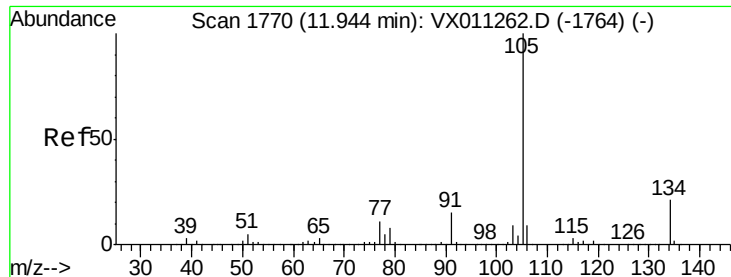
Tgt Ion:119 Resp: 319056
 Ion Ratio Lower Upper
 119 100
 91 56.2 28.0 84.0
 134 23.5 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.757 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

Tgt Ion:105 Resp: 329613
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.0 69.0

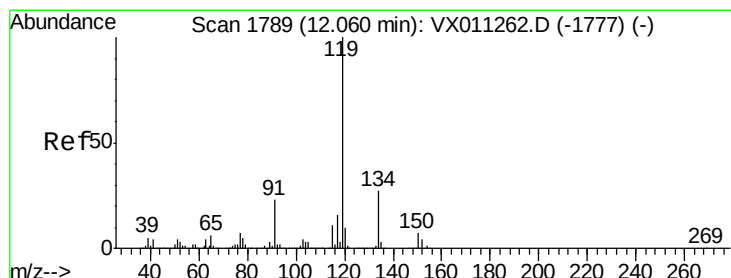
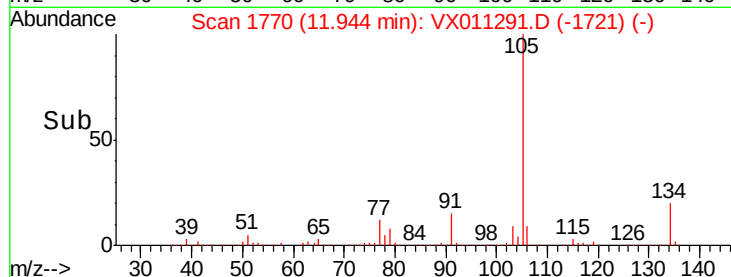
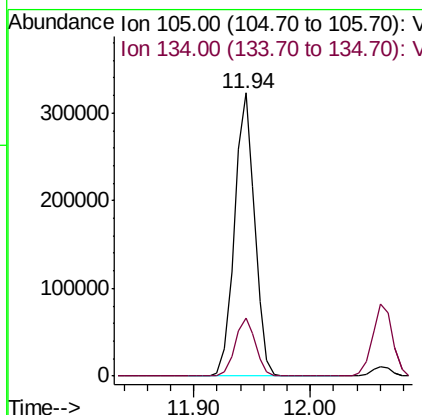
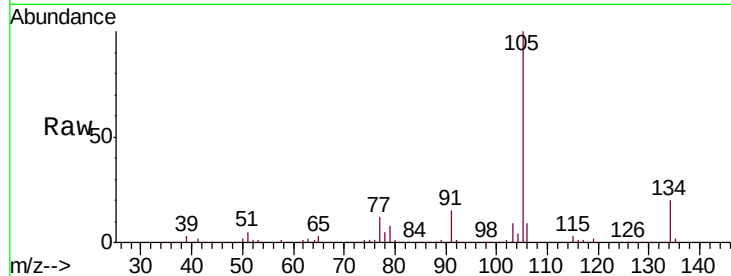




#85
 sec-Butylbenzene
 Concen: 48.450 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

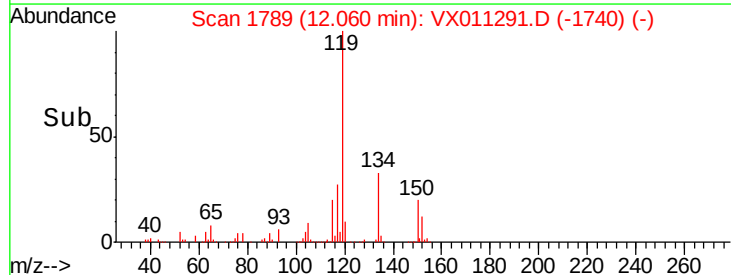
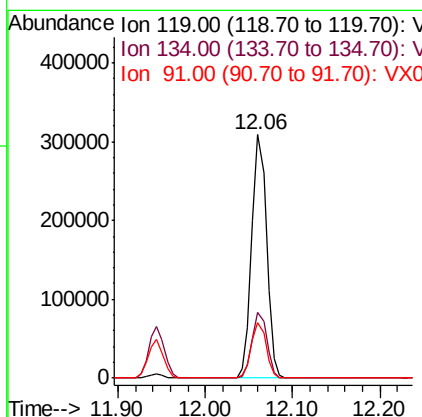
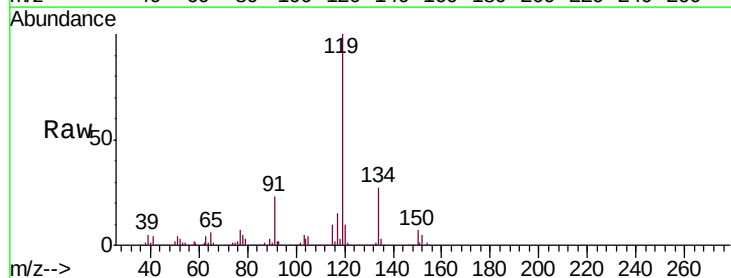
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

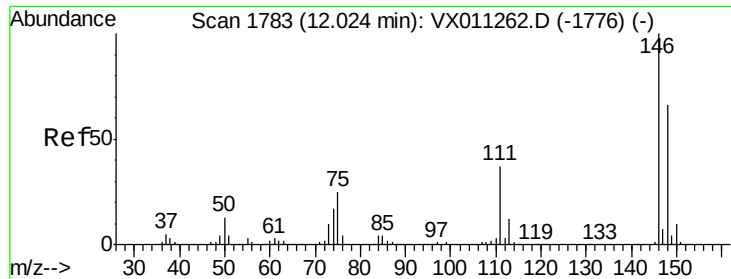
Tgt Ion:105 Resp: 387649
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 49.272 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

Tgt Ion:119 Resp: 362676
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.7 41.0
 91 22.7 11.4 34.2

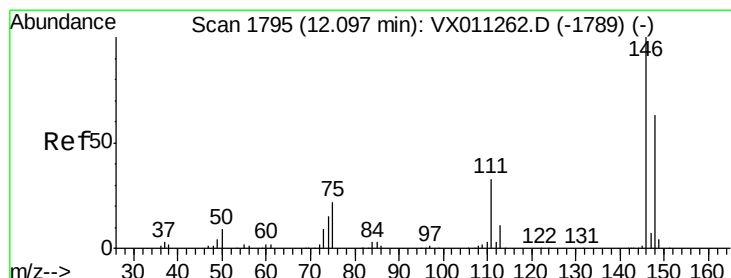
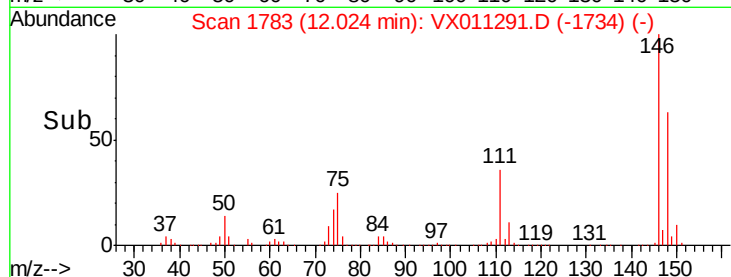
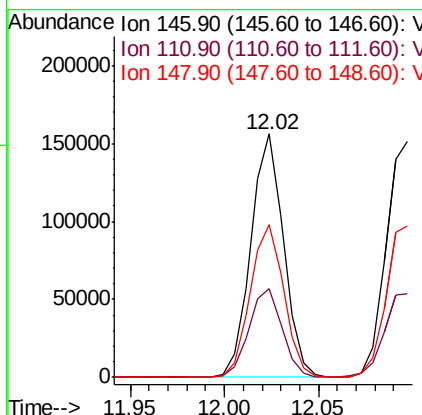
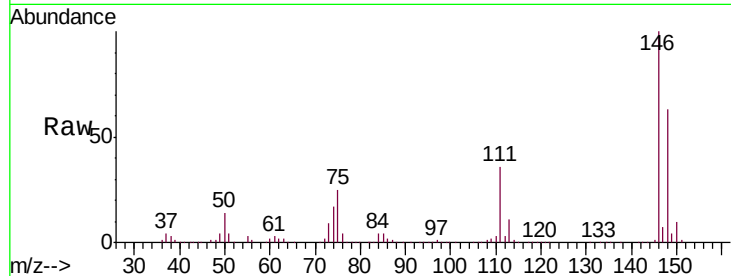




#87
 1,3-Dichlorobenzene
 Concen: 47.351 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

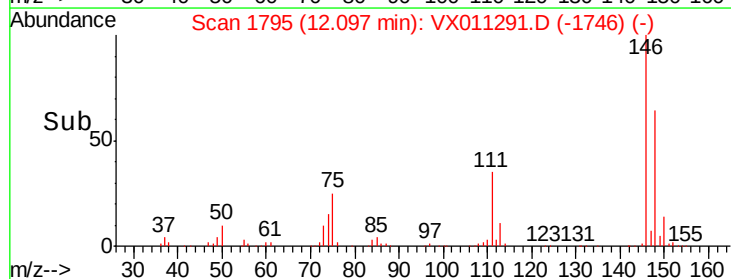
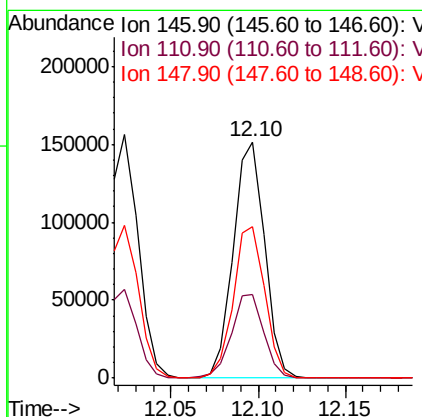
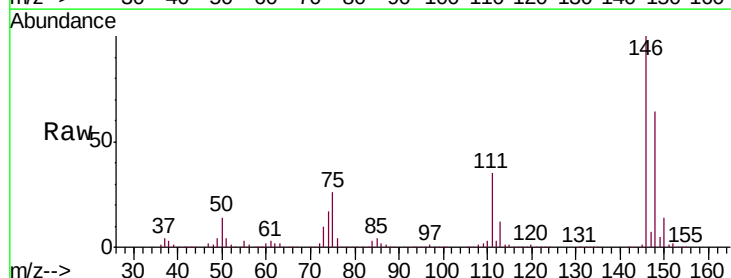
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

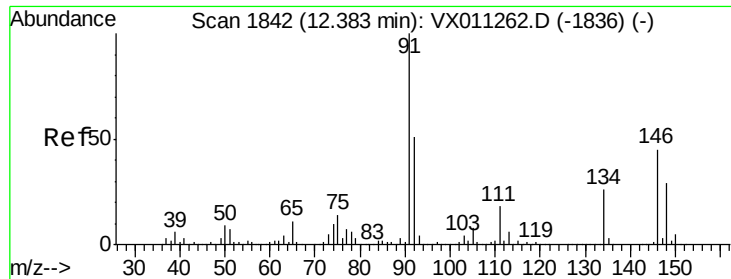
Tgt Ion:146 Resp: 188179
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 64.2 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 46.086 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

Tgt Ion:146 Resp: 188859
 Ion Ratio Lower Upper
 146 100
 111 36.6 17.8 53.4
 148 64.4 31.8 95.3

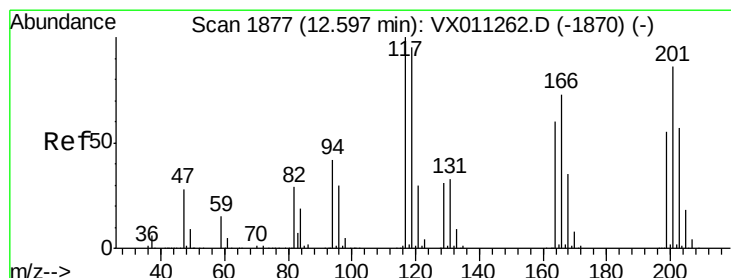
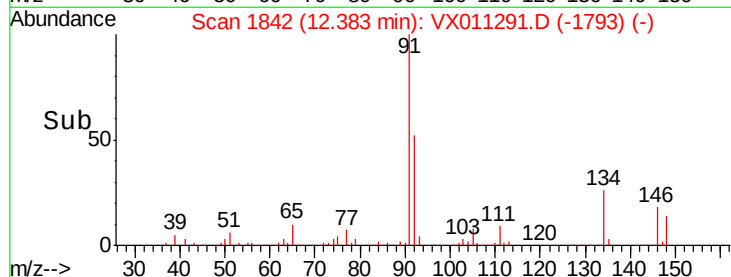
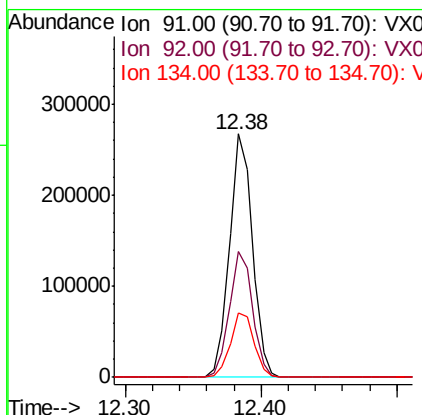
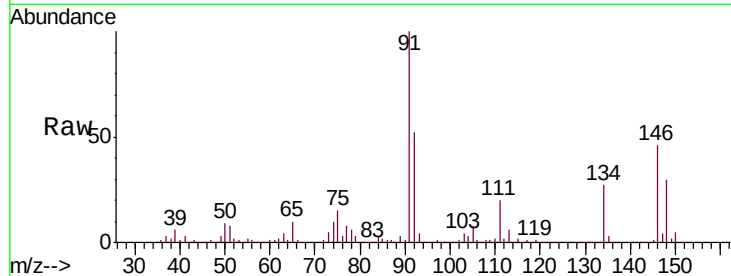




#89
n-Butylbenzene
Concen: 49.362 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

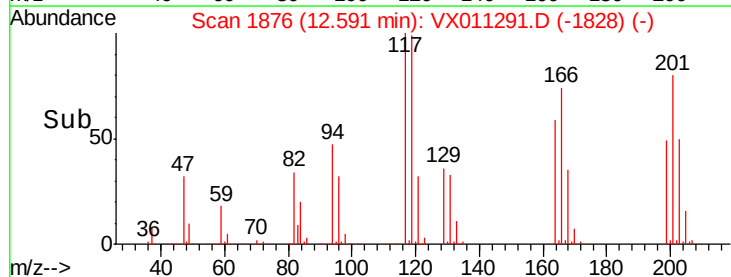
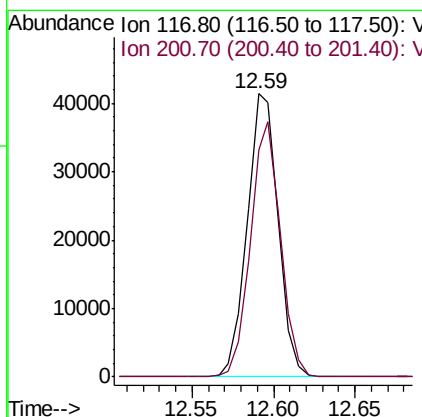
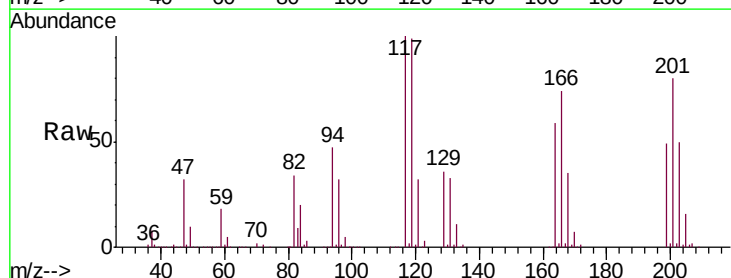
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MSVOA_N
ClientSampleId :
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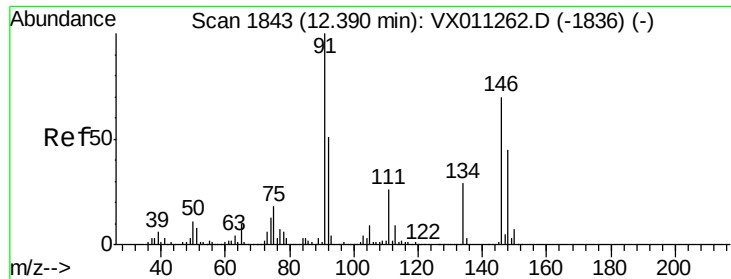
Tgt Ion: 91 Resp: 313030
Ion Ratio Lower Upper
91 100
92 52.3 25.8 77.3
134 27.5 13.7 41.0



#90
Hexachloroethane
Concen: 50.283 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

Tgt Ion: 117 Resp: 54720
Ion Ratio Lower Upper
117 100
201 87.0 41.8 125.4

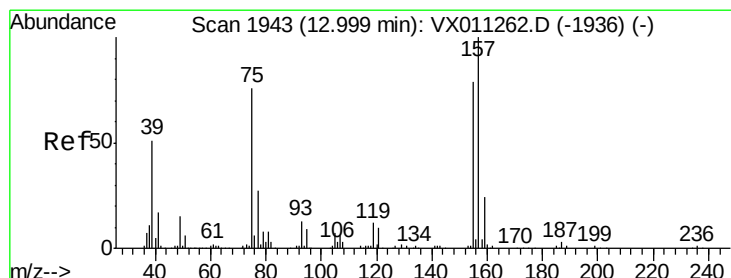
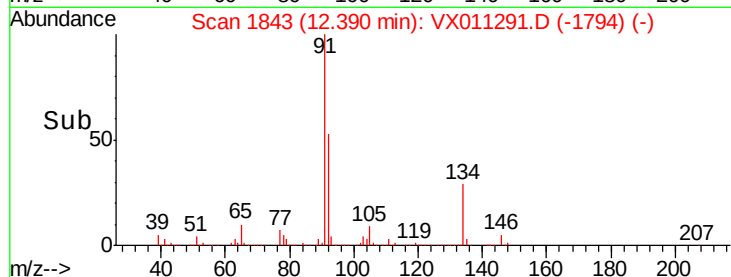
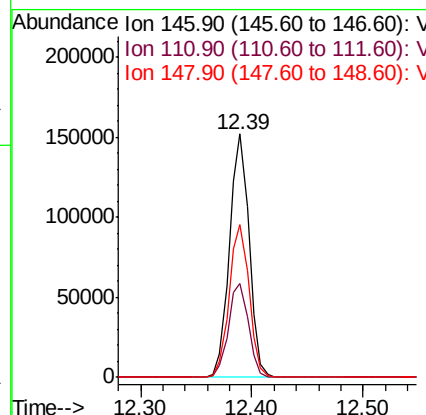
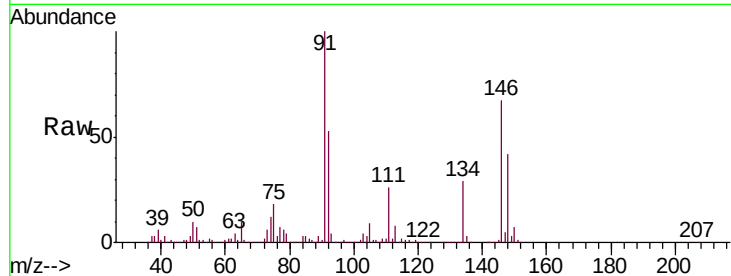




#91
 1,2-Dichlorobenzene
 Concen: 46.468 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

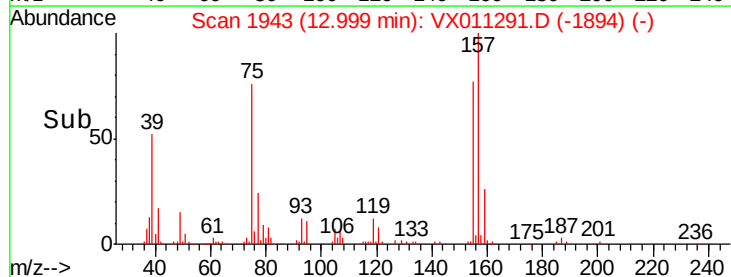
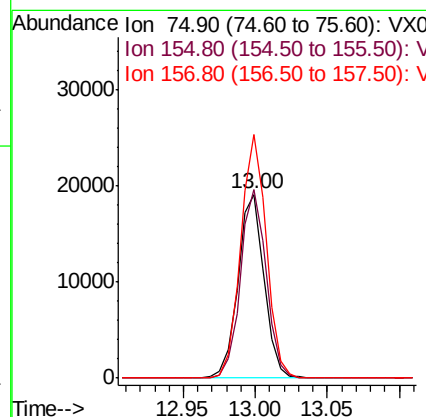
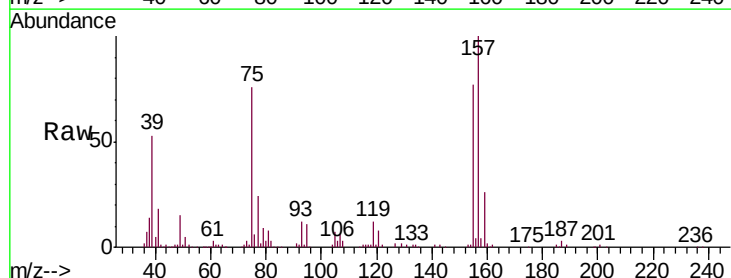
Instrument :
 MSVOA_N
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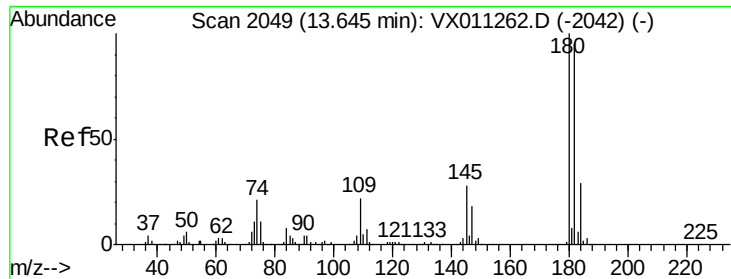
Tgt Ion:146 Resp: 185552
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.1 57.1
 148 63.4 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.296 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

Tgt Ion: 75 Resp: 24245
 Ion Ratio Lower Upper
 75 100
 155 100.2 51.9 155.8
 157 129.4 64.3 192.7

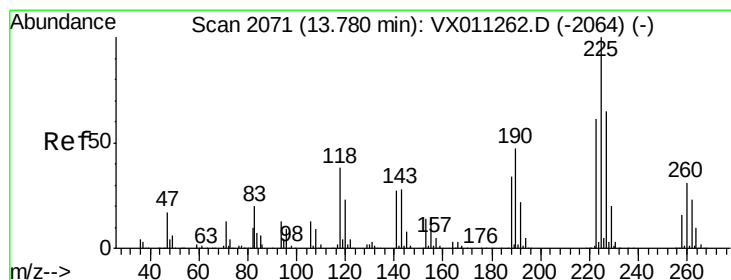
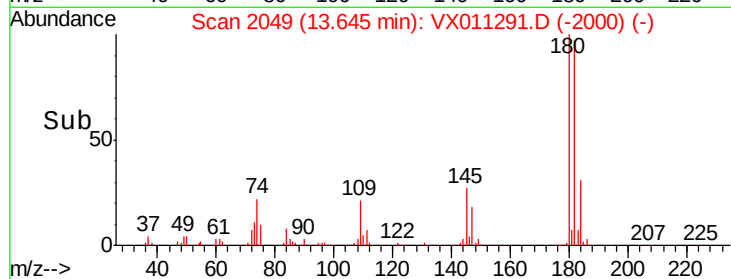
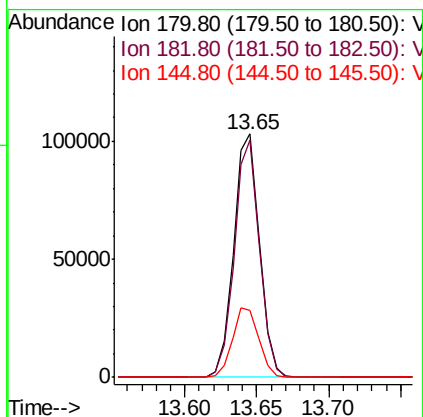
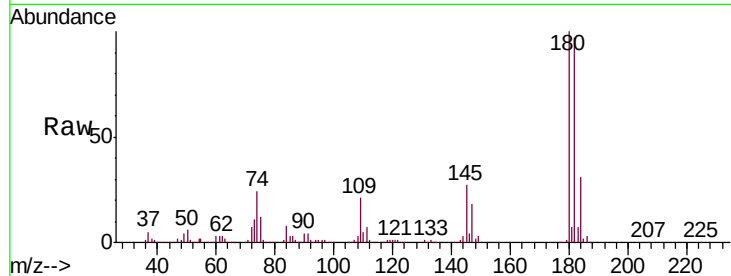




#93
 1,2,4-Trichlorobenzene
 Concen: 48.699 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

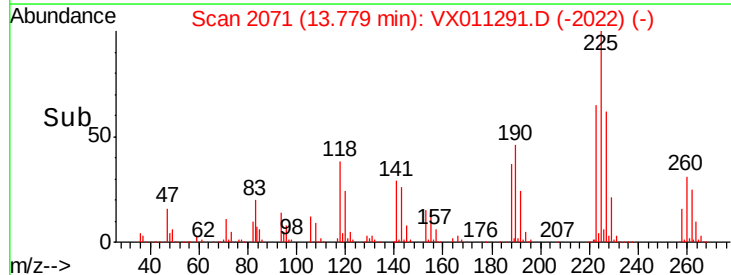
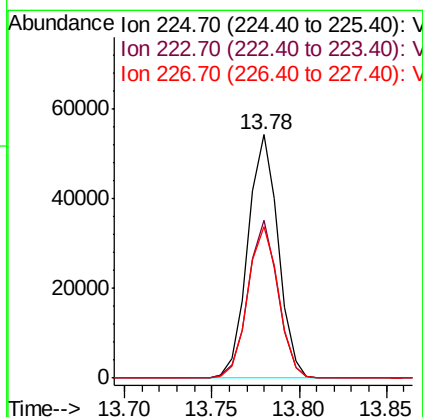
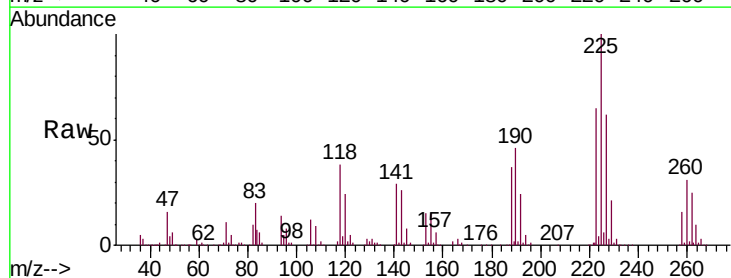
Instrument :
 MSVOA_N
 ClientSampled :
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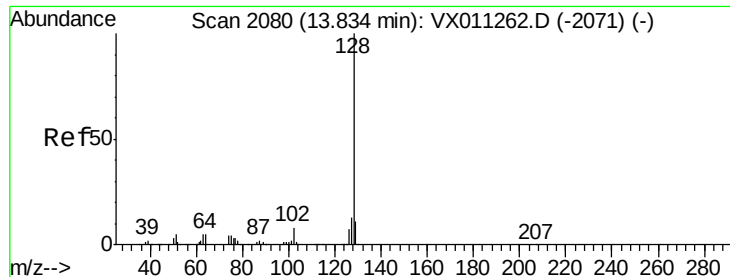
Tgt Ion:180 Resp: 128962
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.8 143.4
 145 29.3 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 48.499 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011291.D
 Acq: 02 Aug 2019 09:37

Tgt Ion:225 Resp: 65161
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.0 93.0
 227 63.0 32.2 96.6

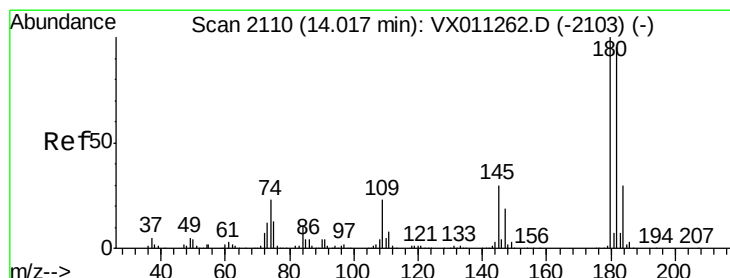
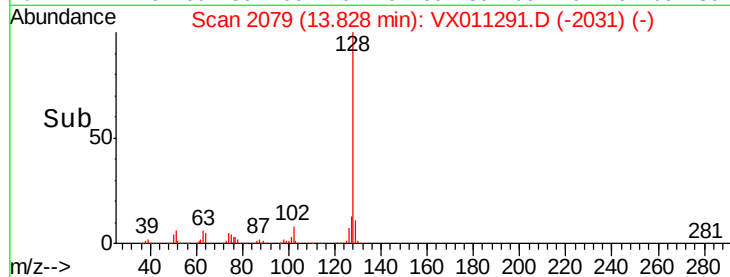
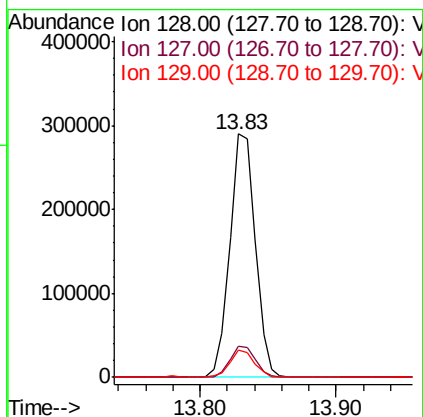
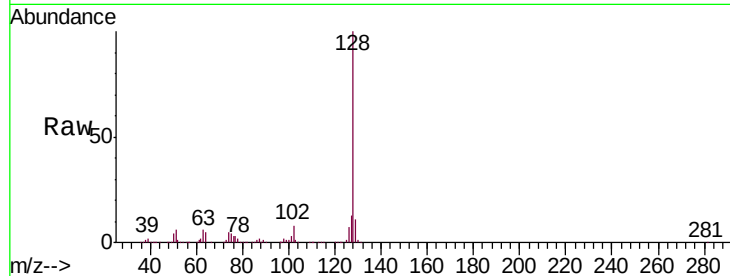




#95
Naphthalene
Concen: 48.803 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tgt Ion:128 Resp: 377945
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 47.015 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011291.D
Acq: 02 Aug 2019 09:37

Tgt Ion:180 Resp: 126573
Ion Ratio Lower Upper
180 100
182 97.8 47.4 142.3
145 30.2 15.2 45.6

