

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031820\
 Data File : VX015327.D
 Acq On : 18 Mar 2020 15:22
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Mar 19 03:23:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	619140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1105933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1020711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	482667	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	348336	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
35) Dibromofluoromethane	5.48	113	325066	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
50) Toluene-d8	8.71	98	1279855	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
62) 4-Bromofluorobenzene	11.13	95	462820	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	316217	46.438	ug/l	99
3) Chloromethane	1.31	50	370432	49.716	ug/l	98
4) Vinyl Chloride	1.40	62	357386	47.317	ug/l	99
5) Bromomethane	1.63	94	128502	55.881	ug/l	99
6) Chloroethane	1.72	64	216465	46.378	ug/l	98
7) Trichlorofluoromethane	1.92	101	473843	46.829	ug/l	99
8) Diethyl Ether	2.18	74	196511	46.871	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	330421	47.353	ug/l	98
10) Methyl Iodide	2.50	142	351865	42.436	ug/l	97
11) Tert butyl alcohol	3.03	59	351280	236.550	ug/l	100
12) 1,1-Dichloroethene	2.36	96	333583	42.653	ug/l	99
13) Acrolein	2.28	56	322608	229.996	ug/l	100
14) Allyl chloride	2.72	41	555615	47.779	ug/l	96
15) Acrylonitrile	3.12	53	912162	233.377	ug/l	100
16) Acetone	2.43	43	699632	243.504	ug/l	97
17) Carbon Disulfide	2.56	76	988003	47.115	ug/l	100
18) Methyl Acetate	2.76	43	373760	46.260	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	1076184	47.455	ug/l	98
20) Methylene Chloride	2.84	84	395614	46.953	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	388553	45.136	ug/l	95
22) Diisopropyl ether	3.84	45	1127216	48.016	ug/l	99
23) Vinyl Acetate	3.80	43	4638815	247.753	ug/l	100
24) 1,1-Dichloroethane	3.69	63	633170	44.182	ug/l	99
25) 2-Butanone	4.65	43	1160563	237.732	ug/l	100
26) 2,2-Dichloropropane	4.57	77	509867	45.782	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	436800	46.787	ug/l	100
28) Bromochloromethane	5.00	49	268671	45.917	ug/l	96
29) Tetrahydrofuran	5.11	42	766520	240.800	ug/l	99
30) Chloroform	5.19	83	646974	44.751	ug/l	97
31) Cyclohexane	5.56	56	578250	49.421	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	555449	46.565	ug/l	99
36) 1,1-Dichloropropene	5.78	75	485796	46.305	ug/l	99
37) Ethyl Acetate	4.81	43	454758	47.755	ug/l	99
38) Carbon Tetrachloride	5.77	117	473820	47.537	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	634501	50.084	ug/l	97
40) Benzene	6.13	78	1507772	47.305	ug/l	97
41) Methacrylonitrile	5.03	41	256039	50.230	ug/l	95
42) 1,2-Dichloroethane	6.18	62	455347	47.384	ug/l	98
43) Isopropyl Acetate	6.43	43	740312	51.237	ug/l	99
44) Trichloroethene	7.20	130	423839	48.450	ug/l	95
45) 1,2-Dichloropropane	7.50	63	374389	49.754	ug/l	98
46) Dibromomethane	7.65	93	252006	47.866	ug/l	95
47) Bromodichloromethane	7.89	83	500719	50.642	ug/l	99
48) Methyl methacrylate	7.76	41	363266	52.534	ug/l	99
49) 1,4-Dioxane	7.73	88	192197	1011.616	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	2257524	253.123	ug/l	100
52) Toluene	8.78	92	955763	48.825	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	556210	52.577	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	597676	49.750	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	392146	47.247	ug/l	97
56) Ethyl methacrylate	9.17	69	572771	52.982	ug/l	98
57) 1,3-Dichloropropane	9.36	76	631613	46.402	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1418915	276.312	ug/l	100
59) 2-Hexanone	9.48	43	1700677	256.554	ug/l	99
60) Dibromochloromethane	9.57	129	413711	51.195	ug/l	98
61) 1,2-Dibromoethane	9.67	107	410692	48.580	ug/l	100
64) Tetrachloroethene	9.33	164	371350	50.018	ug/l	94
65) Chlorobenzene	10.13	112	1054979	49.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	375485	48.325	ug/l	98
67) Ethyl Benzene	10.25	91	1801393	49.170	ug/l	99
68) m/p-Xylenes	10.35	106	1405007	100.588	ug/l	99
69) o-Xylene	10.69	106	678030	50.477	ug/l	98
70) Styrene	10.71	104	1181149	52.750	ug/l	99
71) Bromoform	10.85	173	254727	50.155	ug/l	99
73) Isopropylbenzene	11.01	105	1814446	49.931	ug/l	99
74) N-amyl acetate	10.89	43	652554	52.532	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	543483	48.302	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	620029	62.861	ug/l	84
77) Bromobenzene	11.25	156	400695	47.465	ug/l	98
78) n-propylbenzene	11.35	91	2072129	51.133	ug/l	100
79) 2-Chlorotoluene	11.42	91	1206939	49.614	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1513473	52.248	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	186896	50.799	ug/l	98
82) 4-Chlorotoluene	11.50	91	1410710	51.035	ug/l	100
83) tert-Butylbenzene	11.76	119	1456602	51.068	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1555560	51.867	ug/l	100
85) sec-Butylbenzene	11.94	105	1784737	51.618	ug/l	99
86) p-Isopropyltoluene	12.06	119	1659306	53.939	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	795573	49.573	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	801887	47.973	ug/l	99
89) n-Butylbenzene	12.38	91	1468790	50.564	ug/l	99
90) Hexachloroethane	12.59	117	292432	49.270	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	790564	49.112	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	114911	51.630	ug/l	93

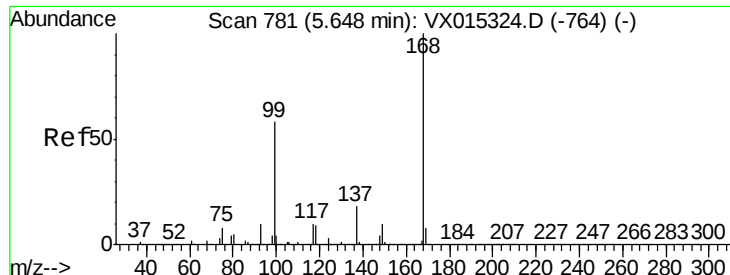
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	487800	50.583	ug/l	97
94) Hexachlorobutadiene	13.78	225	206464	50.920	ug/l	98
95) Naphthalene	13.83	128	1768681	55.405	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	513854	54.436	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

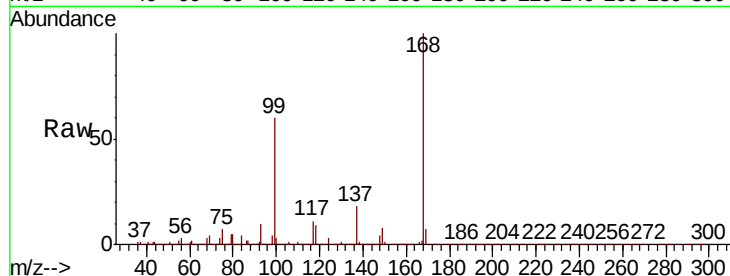
BFB

Tot Ion:168 Resp: 619140

Ion Ratio Lower Upper

168 100

99 59.7 47.0 70.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

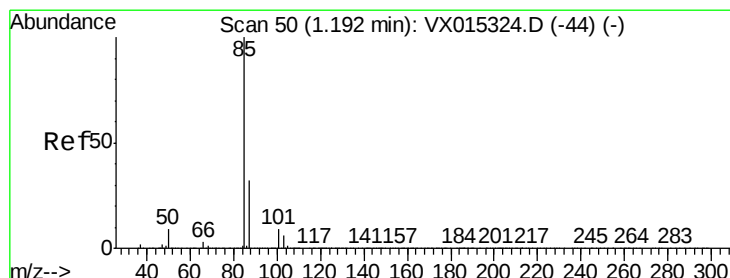
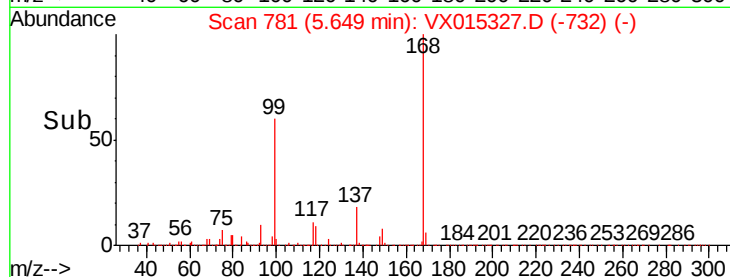
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.438 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015327.D

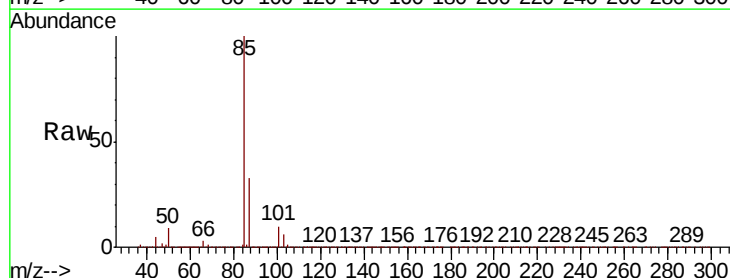
Acq: 18 Mar 2020 15:22

Tgt Ion: 85 Resp: 316217

Ion Ratio Lower Upper

85 100

87 33.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

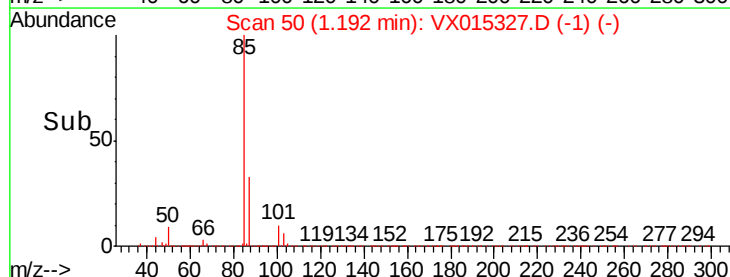
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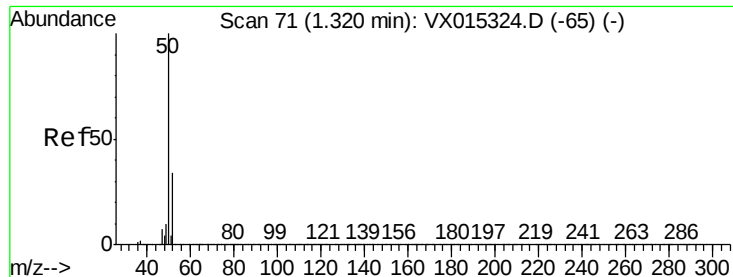
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Time-->

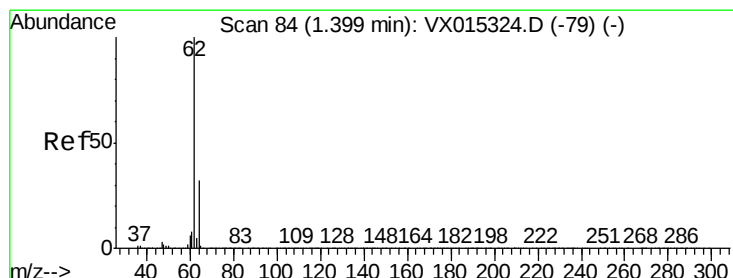
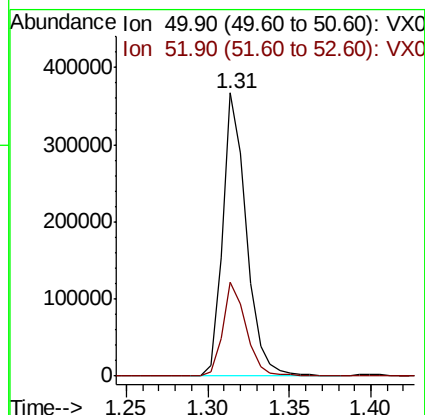
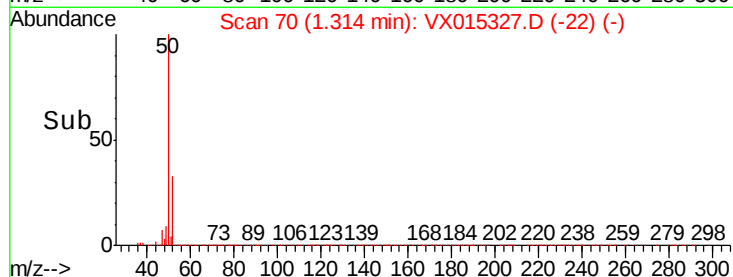
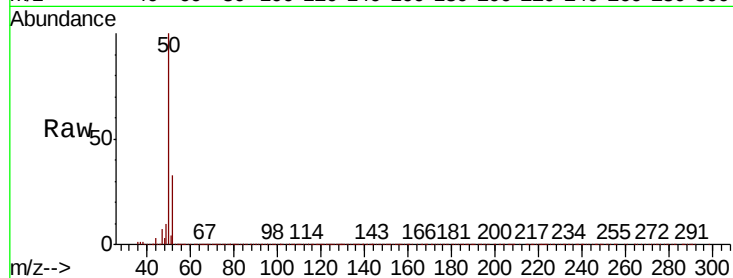




#3
Chloromethane
Concen: 49.716 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

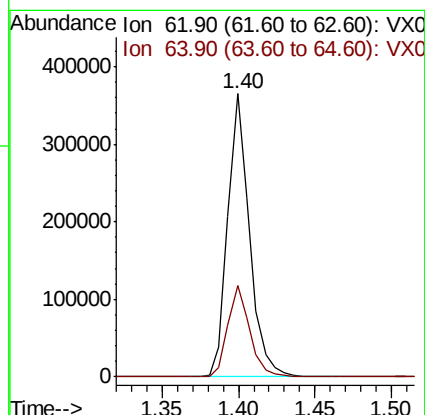
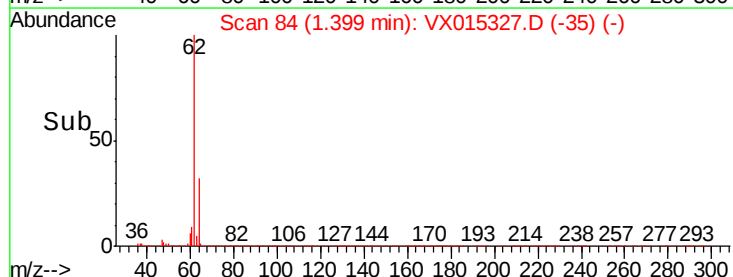
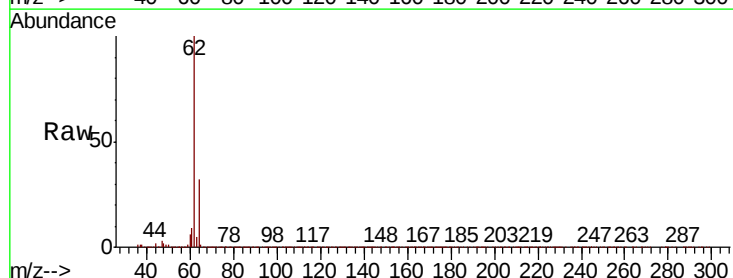
Instrument :
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ClientSampleId :
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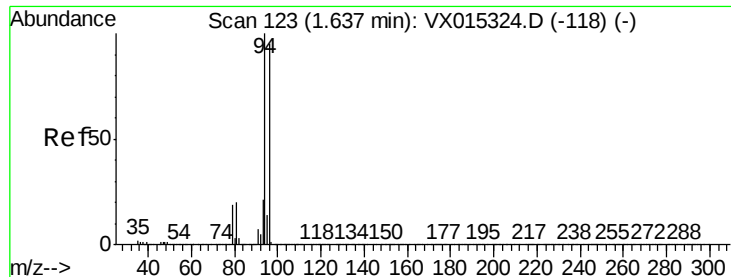
Tot Ion: 50 Resp: 370432
Ion Ratio Lower Upper
50 100
52 33.2 27.4 41.0



#4
Vinyl Chloride
Concen: 47.317 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion: 62 Resp: 357386
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5

Bromomethane

Concen: 55.881 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

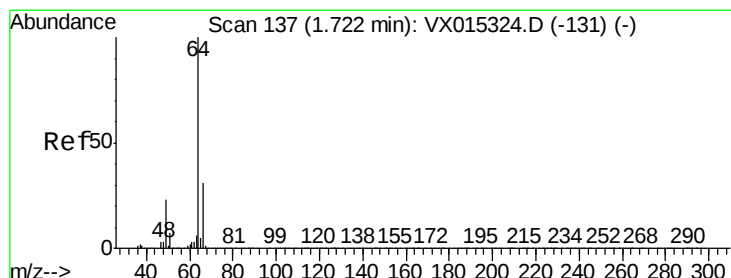
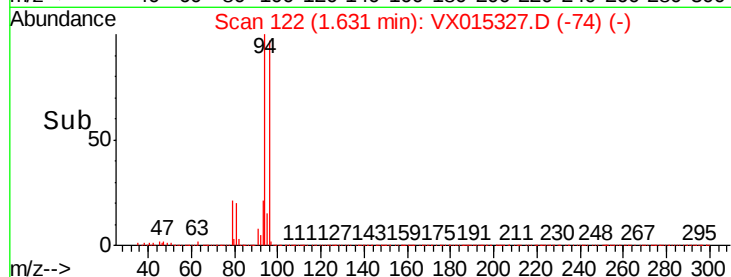
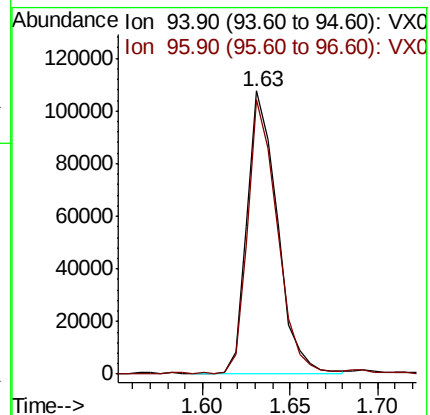
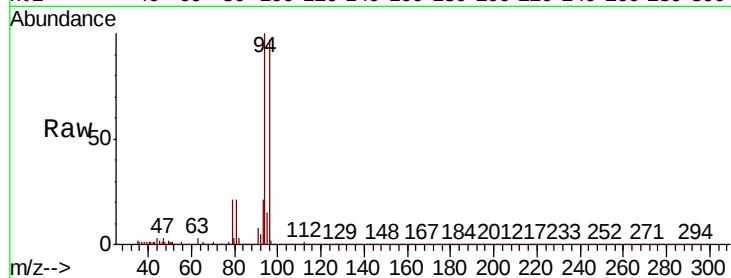
BFB

Tot Ion: 94 Resp: 128502

Ion Ratio Lower Upper

94 100

96 96.8 76.5 114.7



#6

Chloroethane

Concen: 46.378 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015327.D

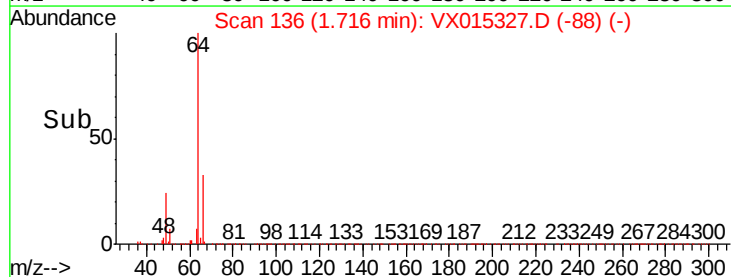
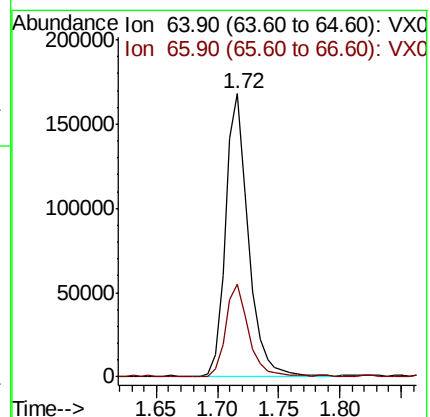
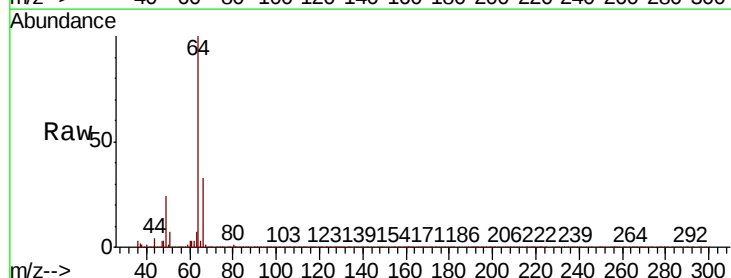
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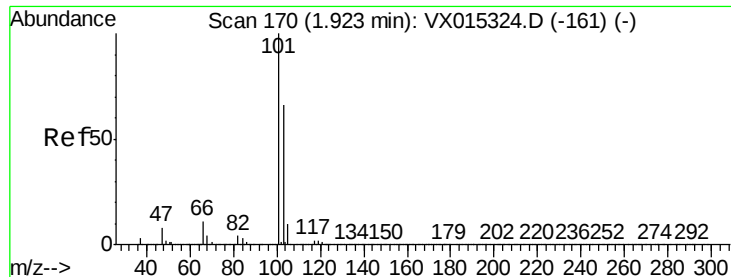
Tgt Ion: 64 Resp: 216465

Ion Ratio Lower Upper

64 100

66 32.4 24.8 37.2



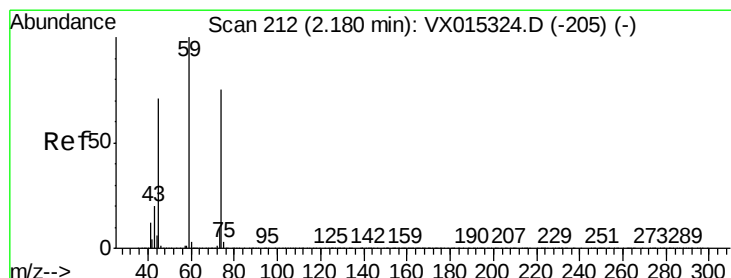
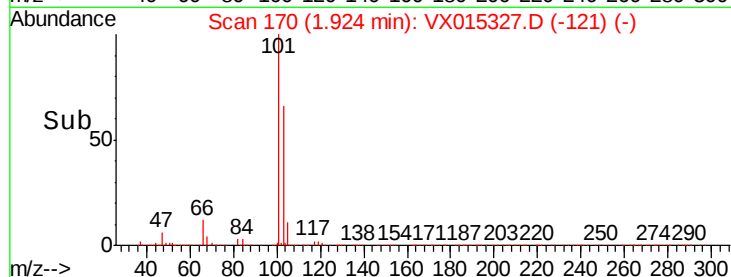
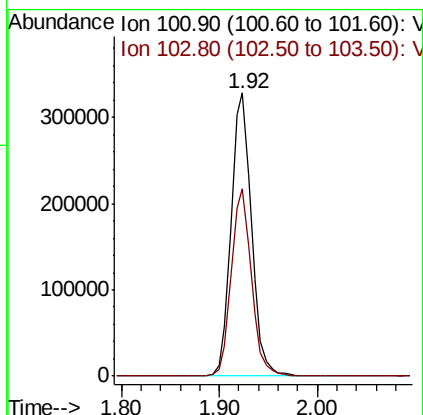
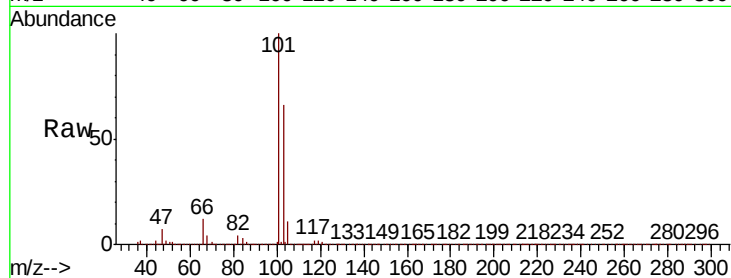


#7

Trichlorofluoromethane
Concen: 46.829 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
BFB

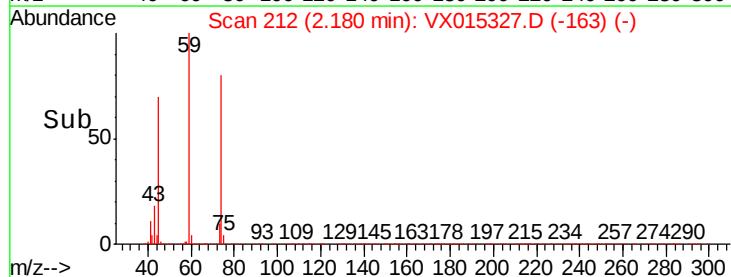
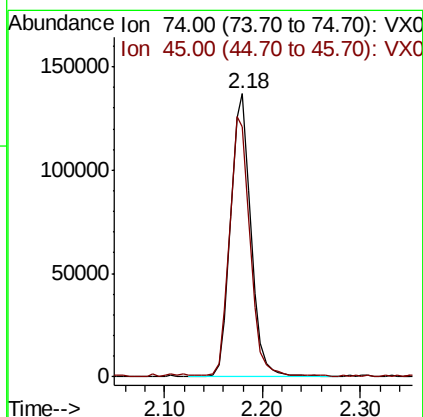
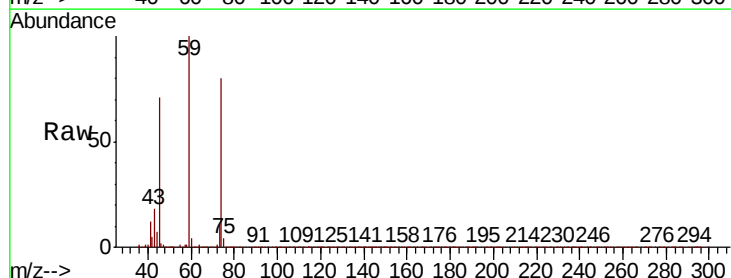
Tot Ion:101 Resp: 473843
Ion Ratio Lower Upper
101 100
103 66.3 52.6 79.0

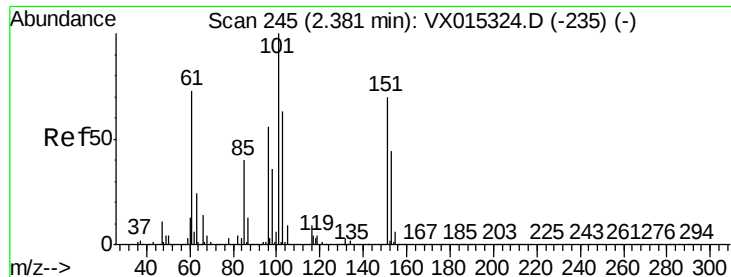


#8

Diethyl Ether
Concen: 46.871 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion: 74 Resp: 196511
Ion Ratio Lower Upper
74 100
45 92.0 46.5 139.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.353 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

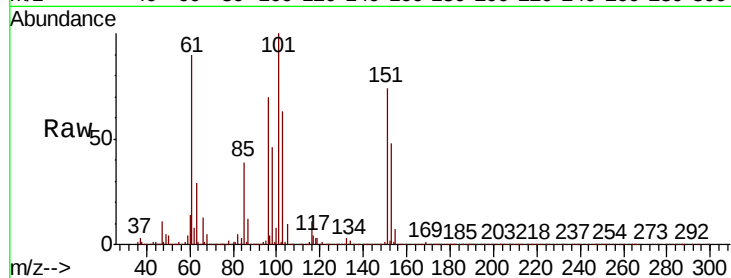
Tot Ion:101 Resp: 330421

Ion Ratio Lower Upper

101 100

85 40.3 32.2 48.4

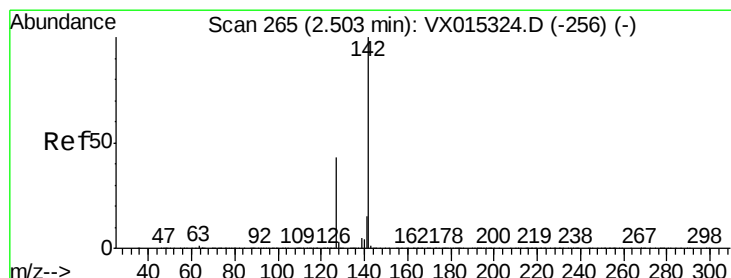
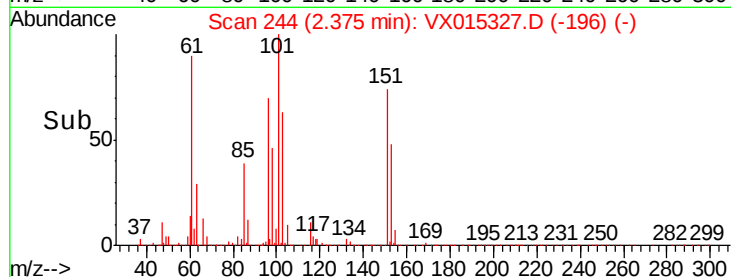
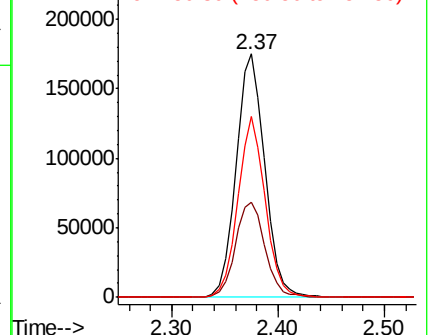
151 71.0 55.0 82.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.436 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

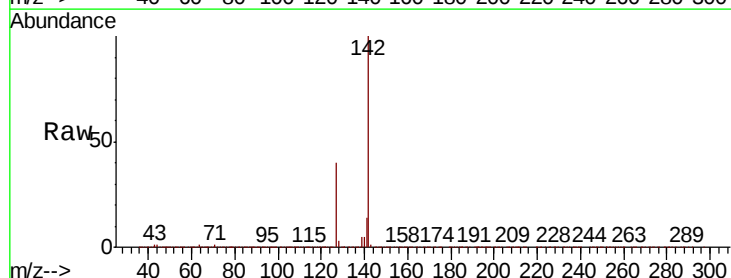
Tgt Ion:142 Resp: 351865

Ion Ratio Lower Upper

142 100

127 39.3 33.6 50.4

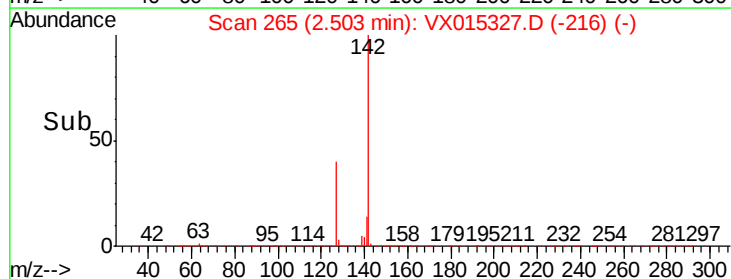
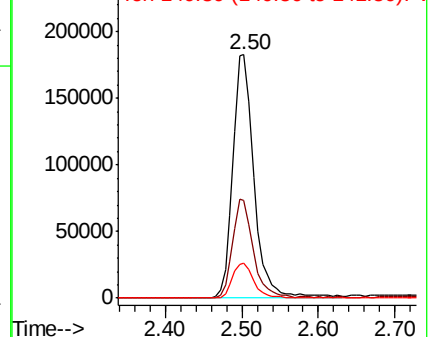
141 14.6 11.9 17.9

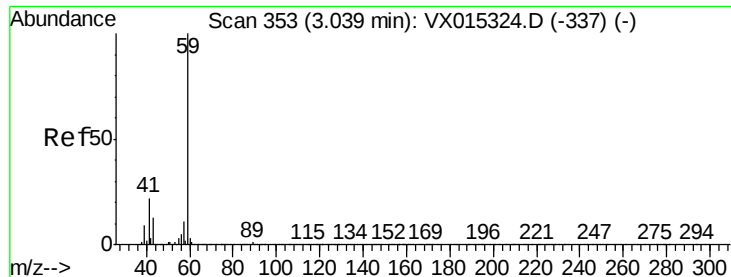


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



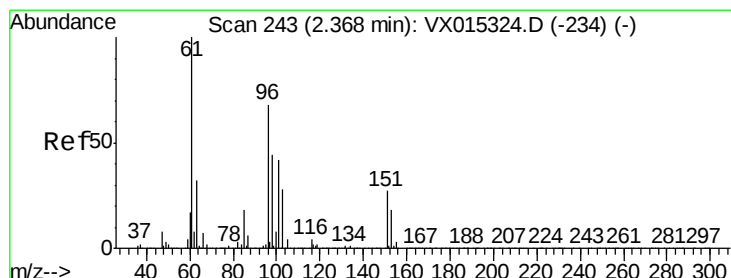
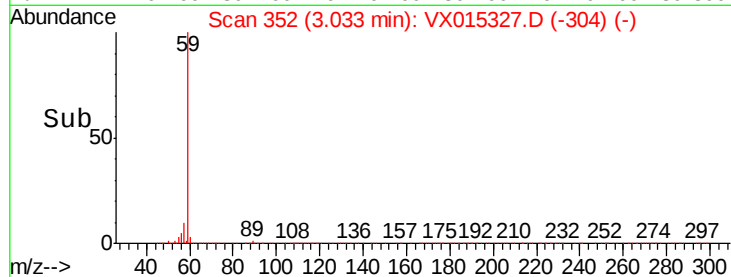
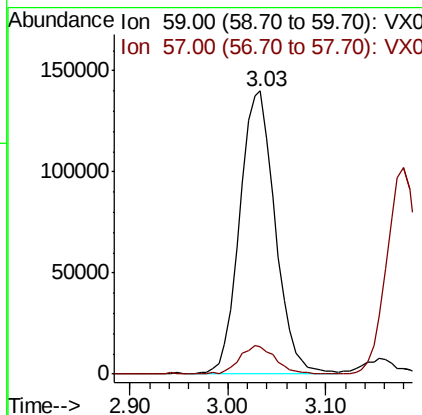
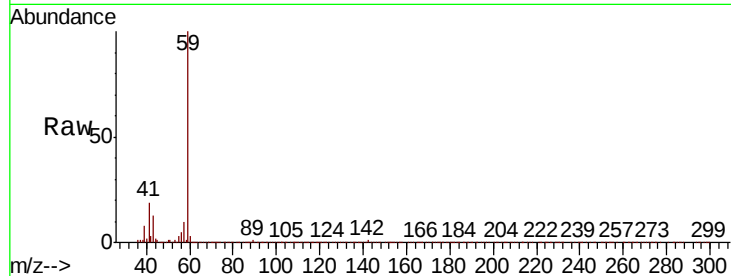


#11

Tert butyl alcohol
 Concen: 236.550 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

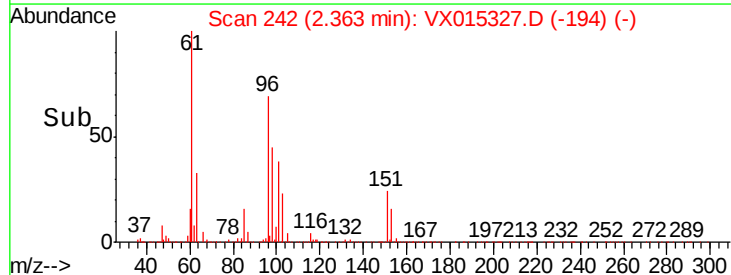
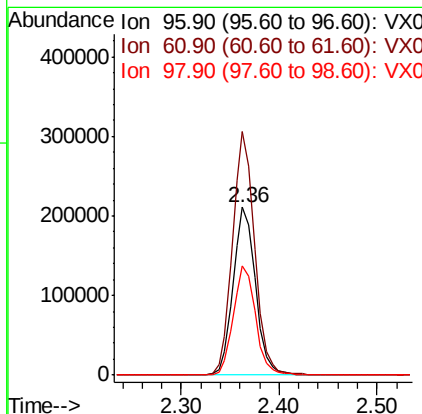
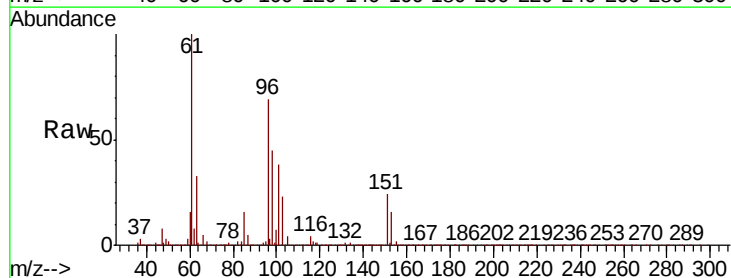
Tot Ion: 59 Resp: 351280
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.0 12.0

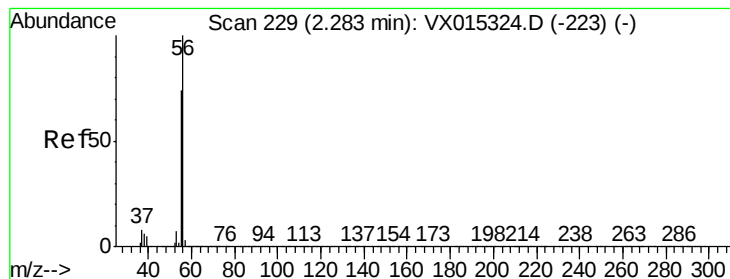


#12

1,1-Dichloroethene
 Concen: 42.653 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.01 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

Tgt Ion: 96 Resp: 333583
 Ion Ratio Lower Upper
 96 100
 61 145.0 117.7 176.5
 98 65.2 52.3 78.5





#13

Acrolein

Concen: 229.996 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

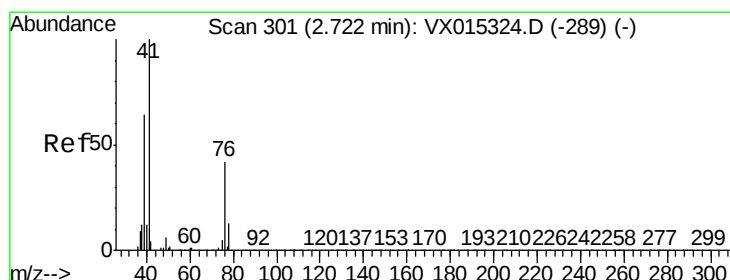
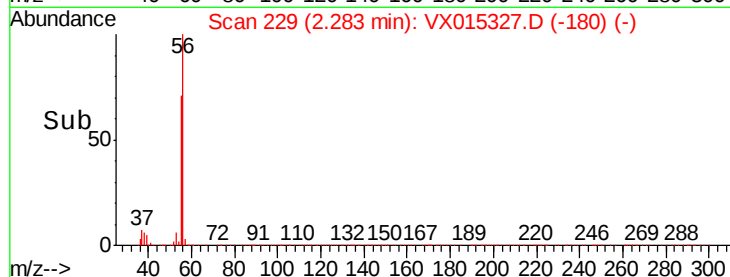
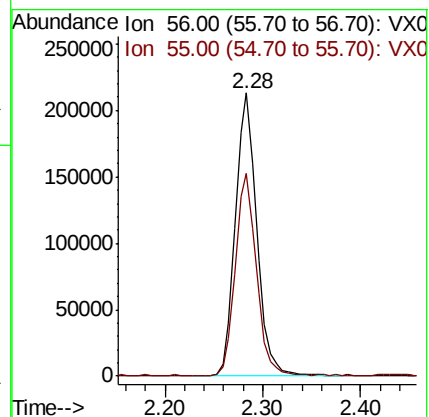
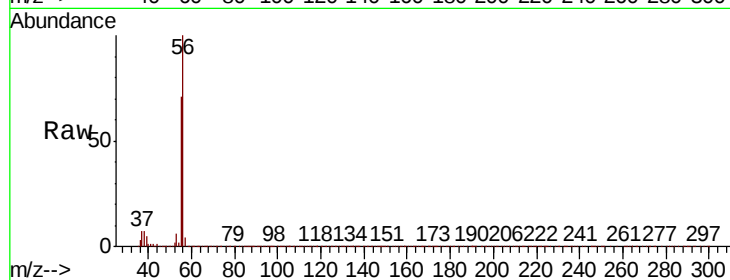
BFB

Tot Ion: 56 Resp: 322608

Ion Ratio Lower Upper

56 100

55 70.4 56.6 84.8



#14

Allyl chloride

Concen: 47.779 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

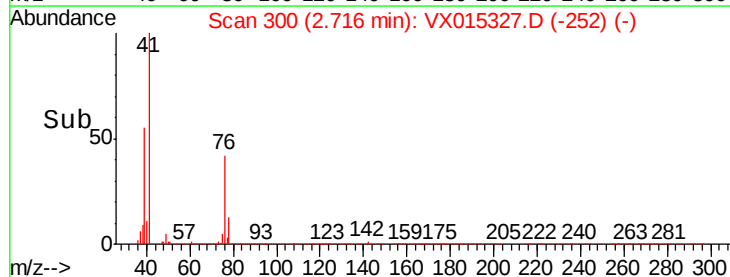
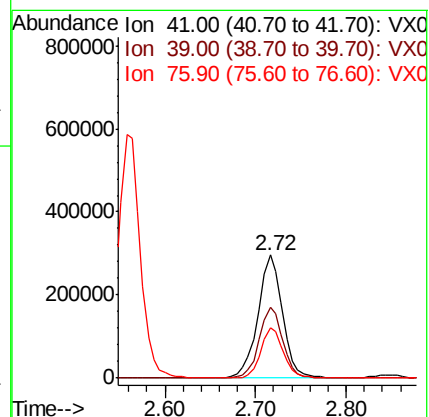
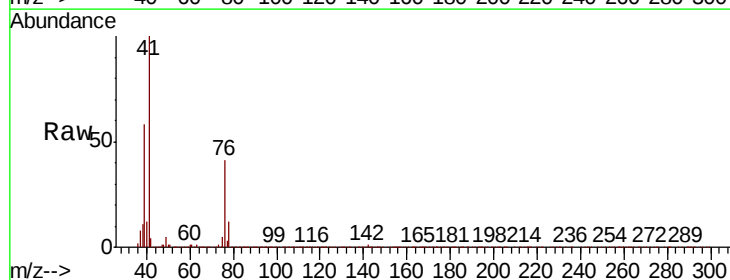
Tgt Ion: 41 Resp: 555615

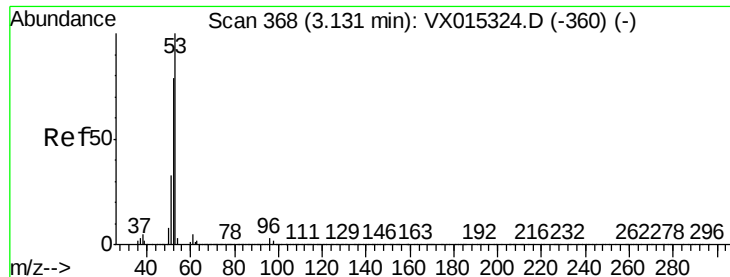
Ion Ratio Lower Upper

41 100

39 55.3 46.8 70.2

76 37.0 30.7 46.1





#15

Acrylonitrile

Concen: 233.377 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

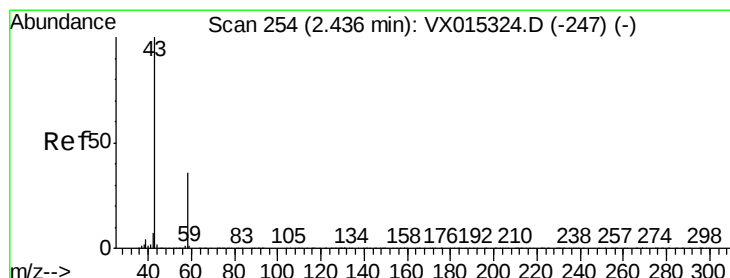
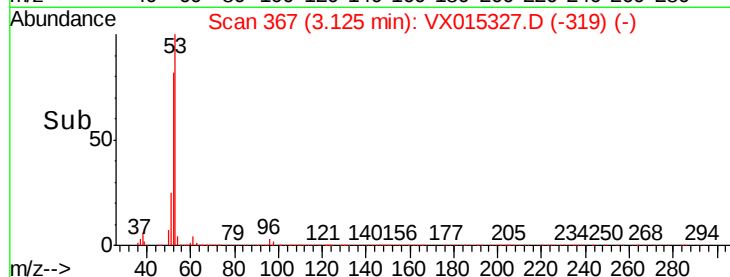
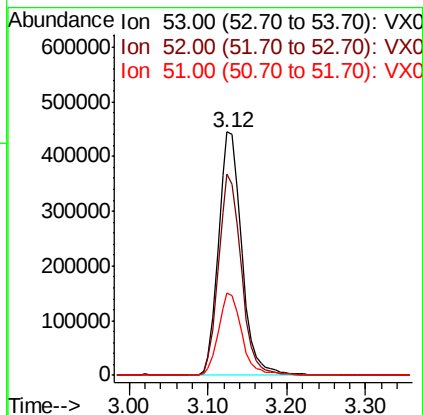
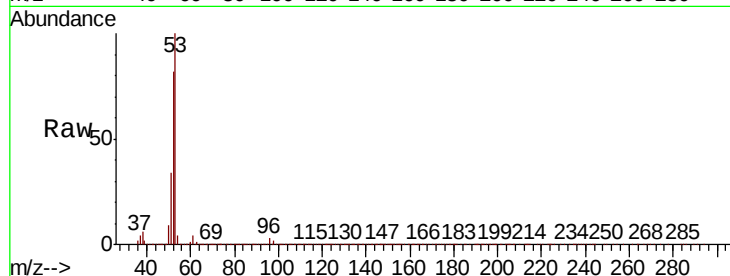
Tot Ion: 53 Resp: 912162

Ion Ratio Lower Upper

53 100

52 80.9 64.6 97.0

51 33.9 27.5 41.3



#16

Acetone

Concen: 243.504 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015327.D

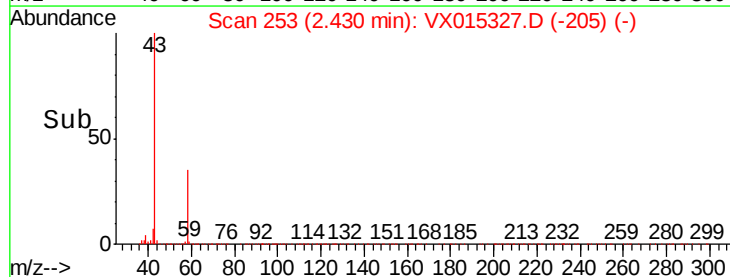
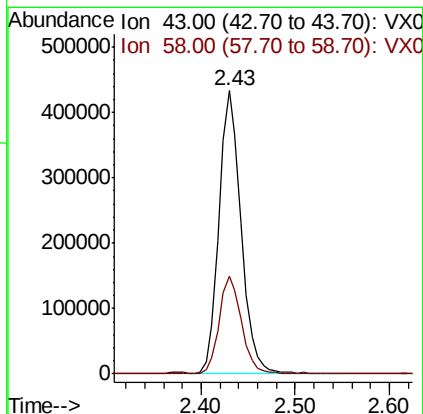
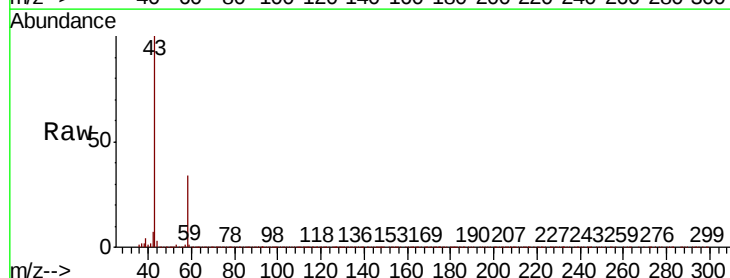
Acq: 18 Mar 2020 15:22

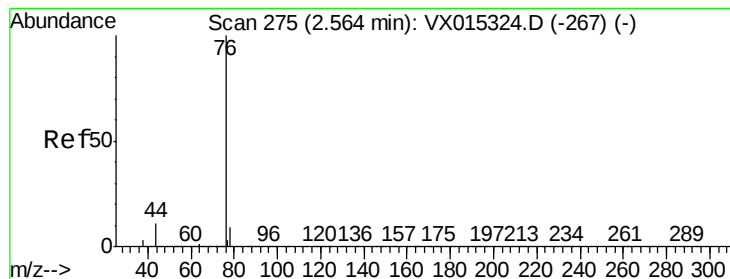
Tgt Ion: 43 Resp: 699632

Ion Ratio Lower Upper

43 100

58 34.6 29.0 43.4





#17

Carbon Disulfide

Concen: 47.115 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

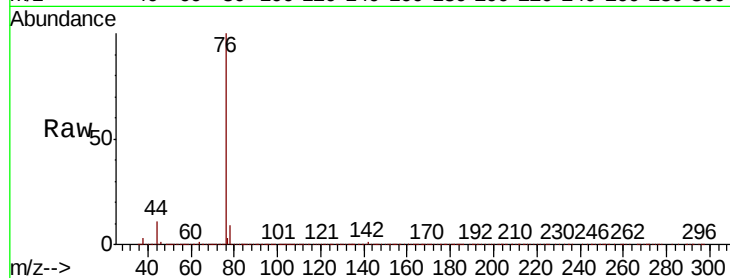
BFB

Tot Ion: 76 Resp: 988003

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

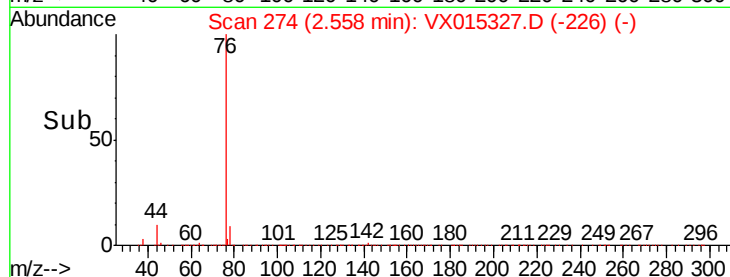
600000

400000

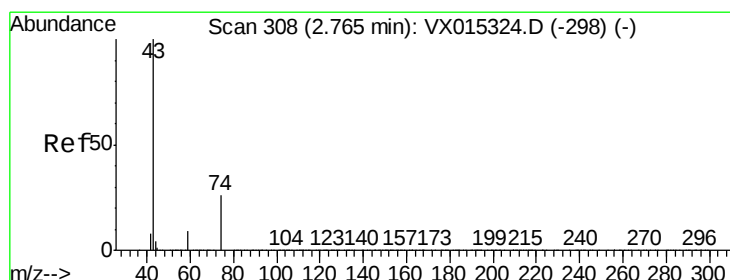
200000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 46.260 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015327.D

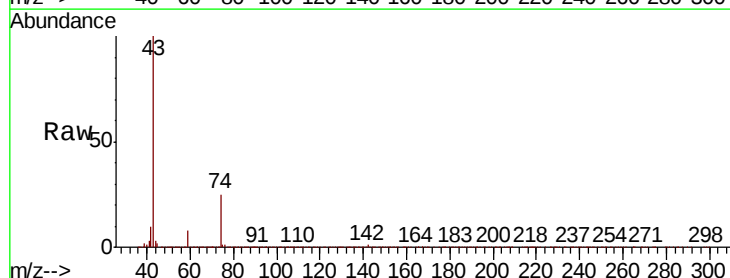
Acq: 18 Mar 2020 15:22

Tgt Ion: 43 Resp: 373760

Ion Ratio Lower Upper

43 100

74 25.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

250000

200000

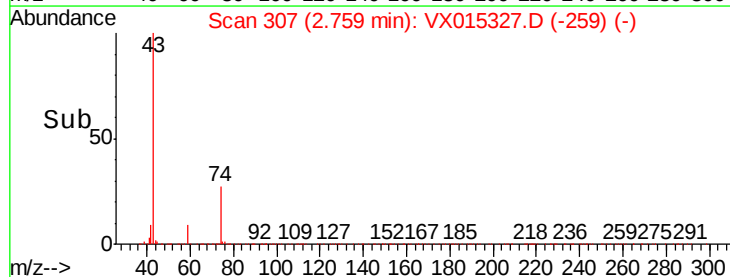
150000

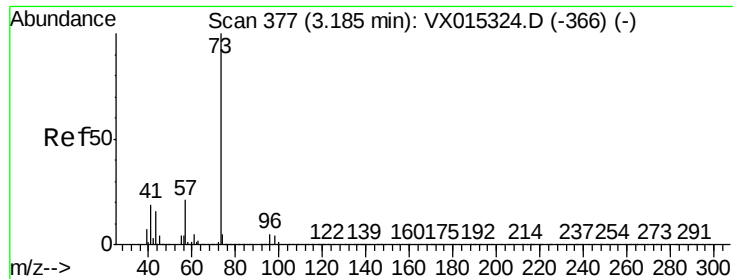
100000

50000

0

Time-->

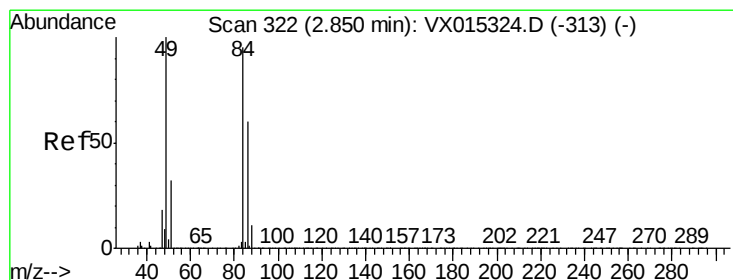
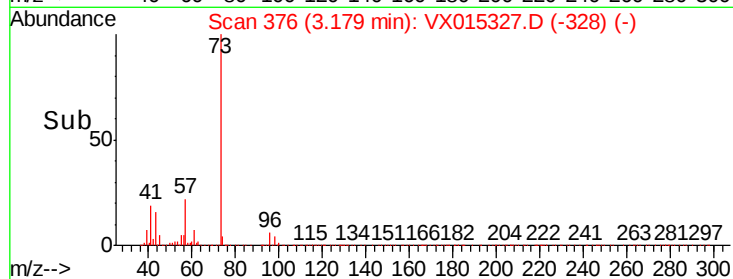
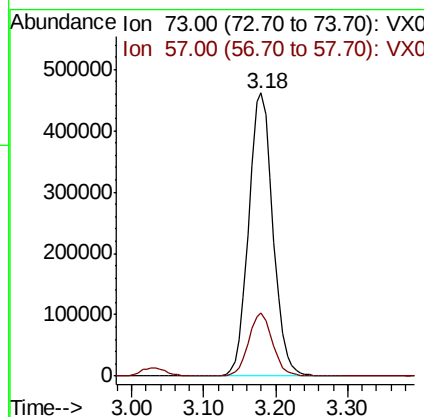
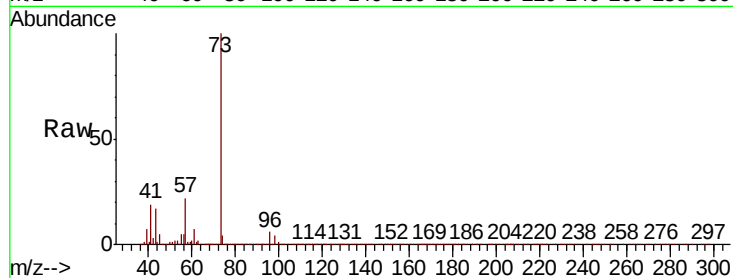




#19
Methvl tert-butvl Ether
Concen: 47.455 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

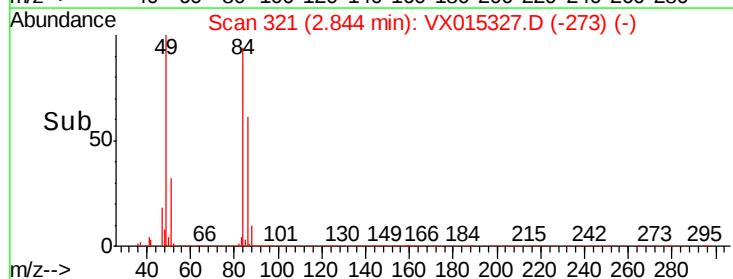
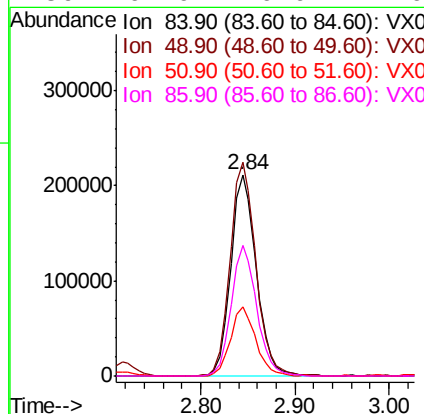
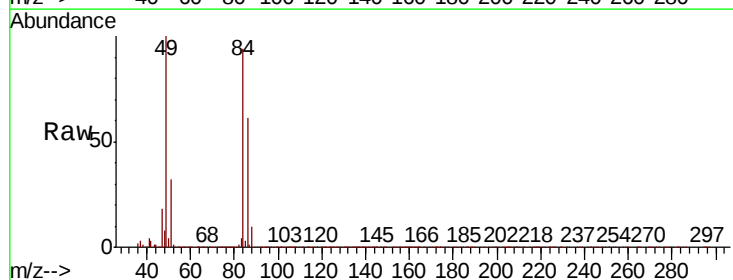
Instrument :
MSVOA_X
ClientSampleId :
BFB

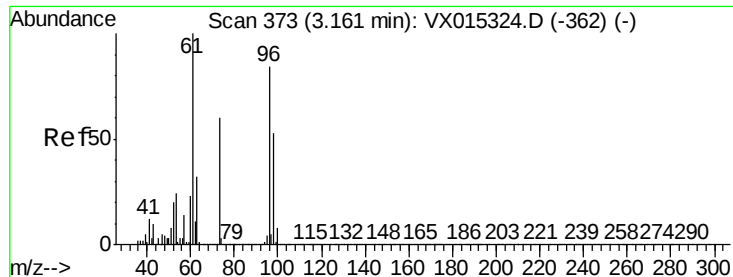
Tot Ion: 73 Resp: 1076184
Ion Ratio Lower Upper
73 100
57 22.1 16.8 25.2



#20
Methylene Chloride
Concen: 46.953 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion: 84 Resp: 395614
Ion Ratio Lower Upper
84 100
49 106.1 84.0 126.0
51 34.1 27.0 40.6
86 64.9 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 45.136 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

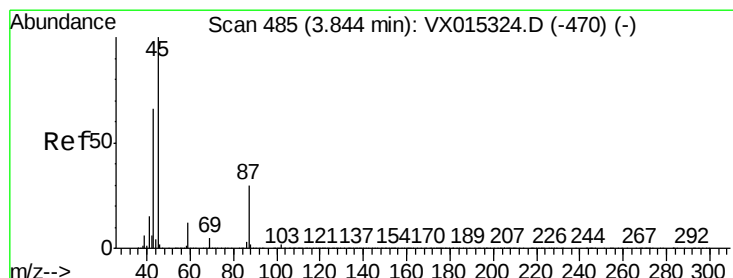
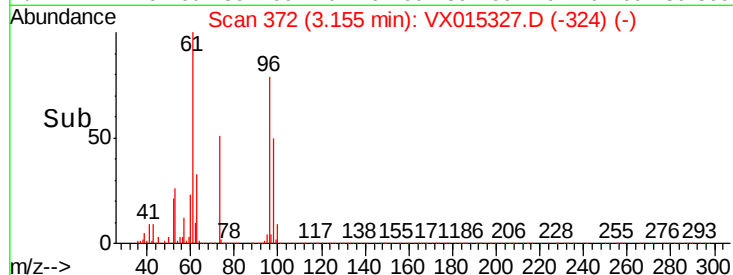
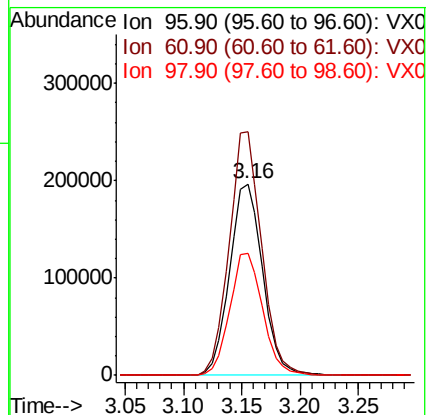
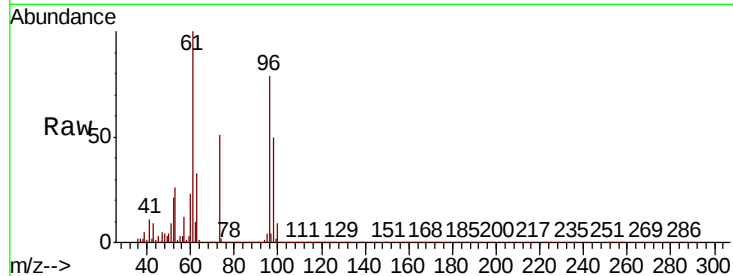
Tot Ion: 96 Resp: 388553

Ion Ratio Lower Upper

96 100

61 127.0 95.5 143.3

98 63.7 50.2 75.2



#22

Diisopropyl ether

Concen: 48.016 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Tgt Ion: 45 Resp: 1127216

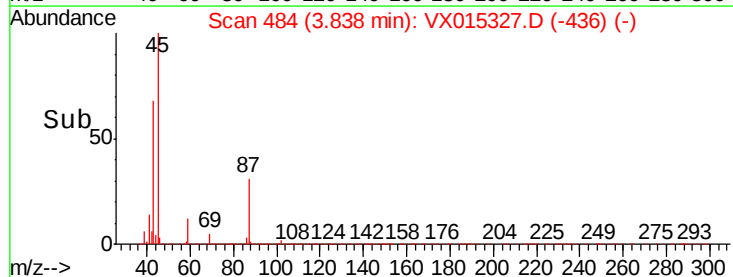
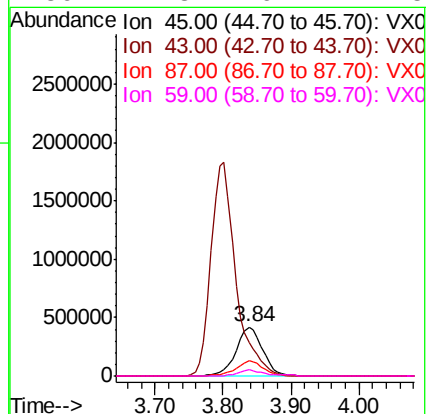
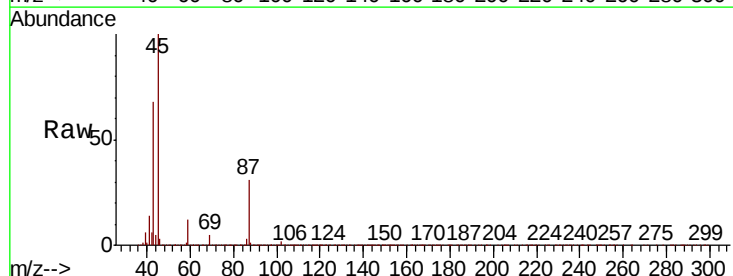
Ion Ratio Lower Upper

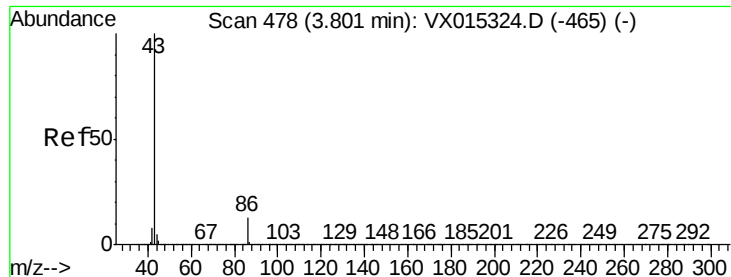
45 100

43 67.4 52.8 79.2

87 30.7 24.3 36.5

59 12.3 9.7 14.5





#23

Vinyl Acetate

Concen: 247.753 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampled :

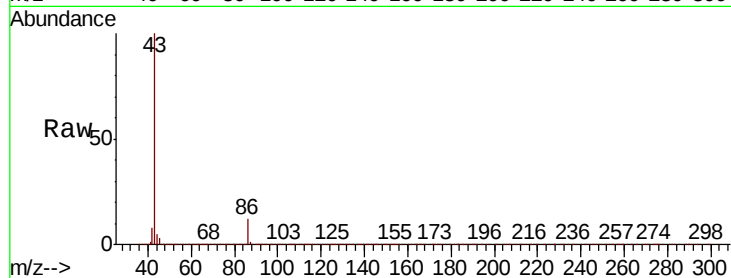
BFB

Tot Ion: 43 Resp: 4638815

Ion Ratio Lower Upper

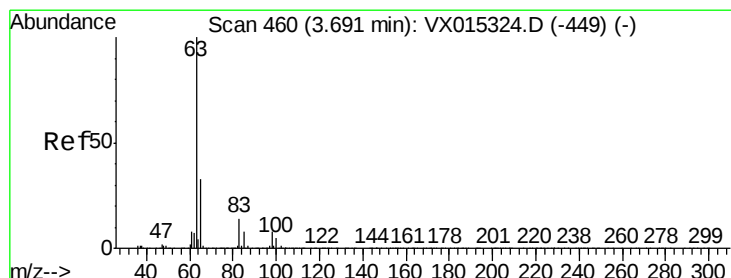
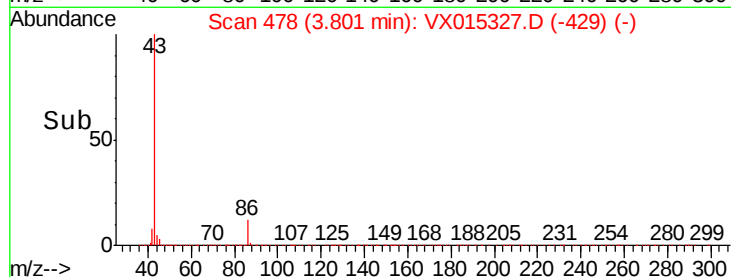
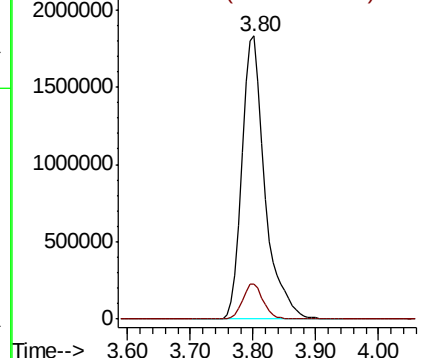
43 100

86 12.4 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 44.182 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

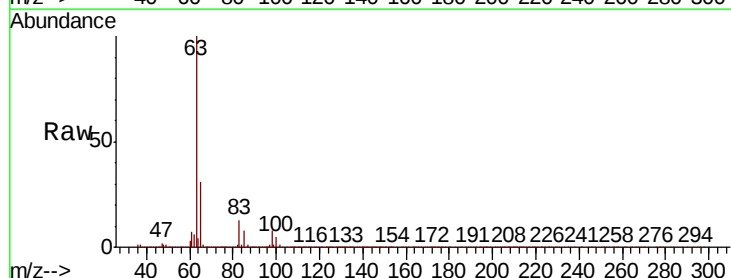
Tgt Ion: 63 Resp: 633170

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

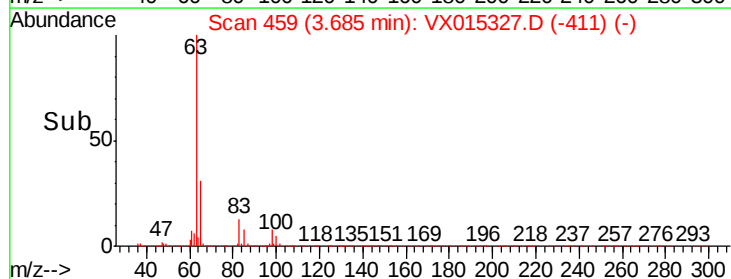
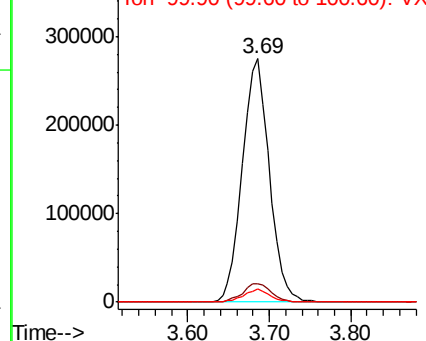
100 5.2 2.4 7.2

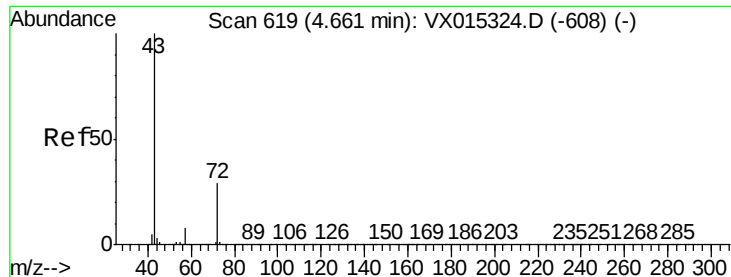


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 237.732 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

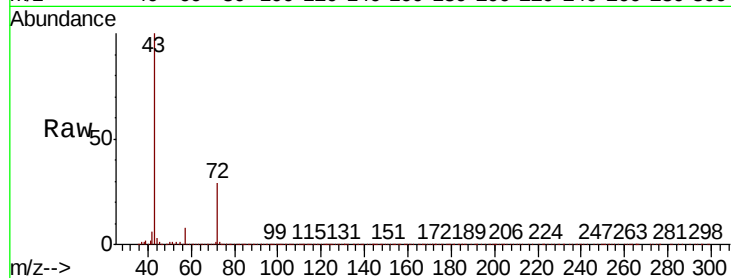
BFB

Tot Ion: 43 Resp: 1160563

Ion Ratio Lower Upper

43 100

72 28.9 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

400000

300000

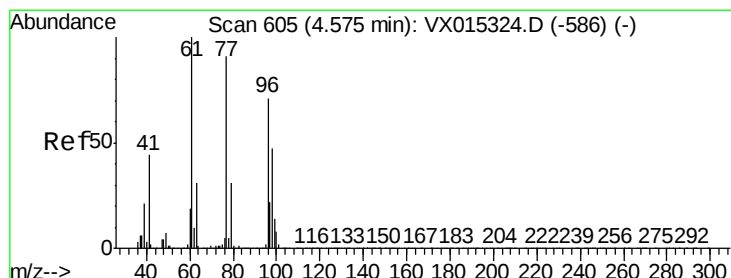
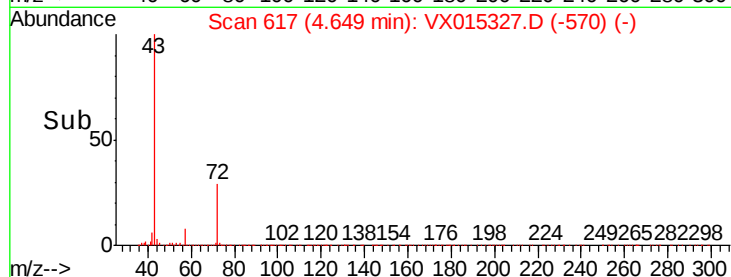
200000

100000

0

4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 45.782 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015327.D

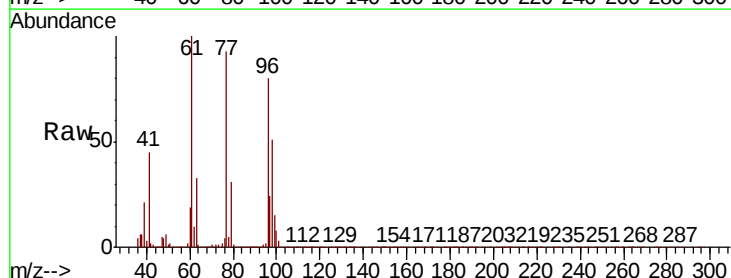
Acq: 18 Mar 2020 15:22

Tgt Ion: 77 Resp: 509867

Ion Ratio Lower Upper

77 100

97 25.6 13.0 38.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

150000

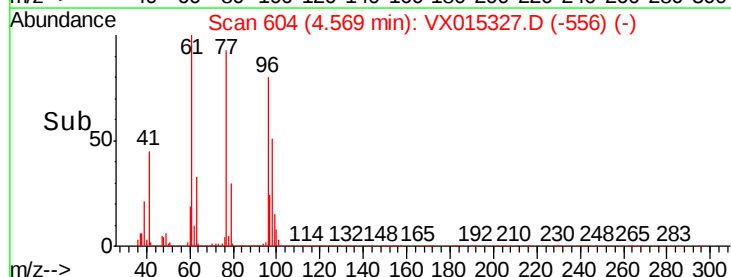
100000

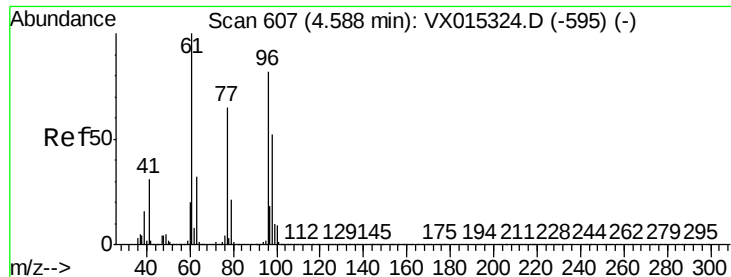
50000

0

4.40 4.50 4.60 4.70

Time-->



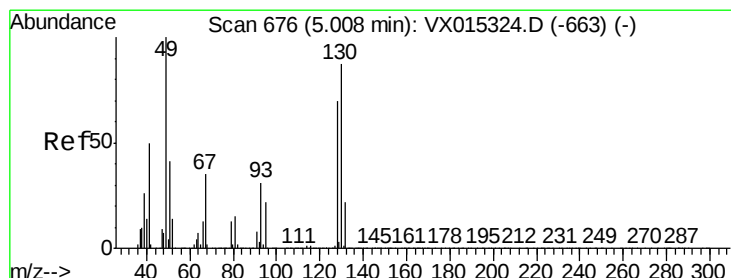
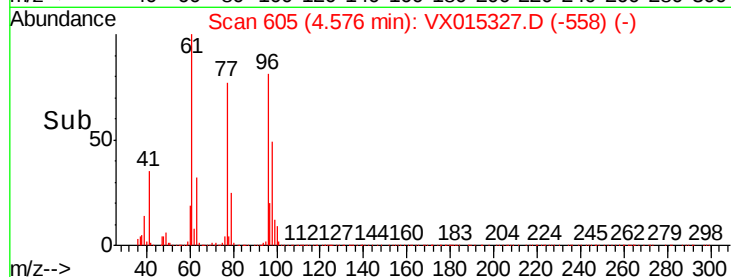
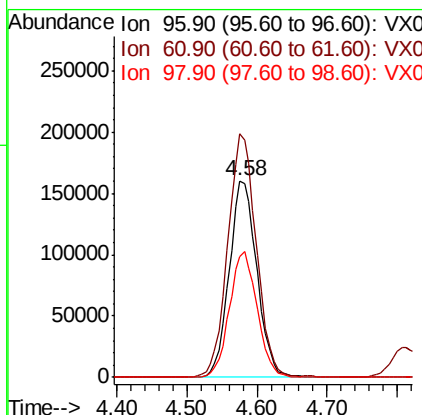
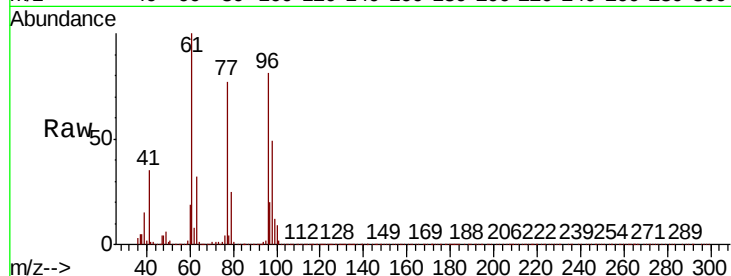


#27

cis-1,2-Dichloroethene
Concen: 46.787 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
BFB

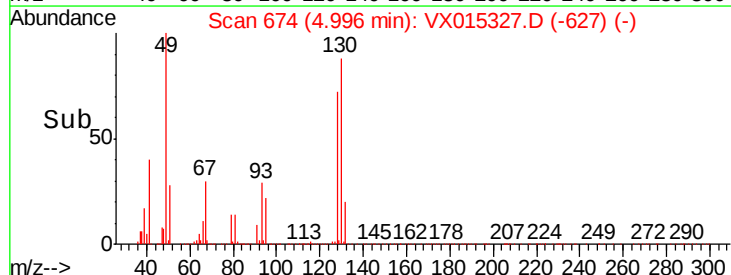
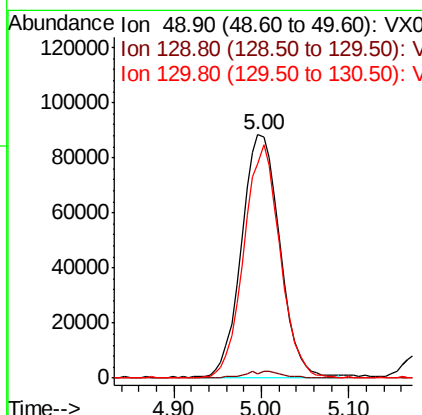
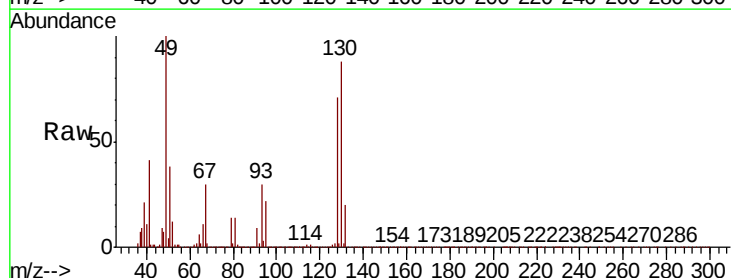
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.4	0.0	255.8
98	64.6	0.0	128.8

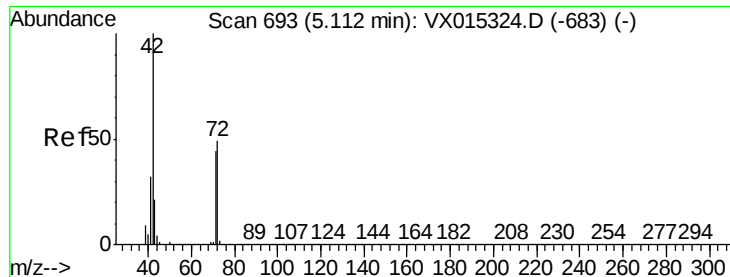


#28

Bromochloromethane
Concen: 45.917 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	90.9	69.9	104.9





#29

Tetrahydrofuran

Concen: 240.800 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

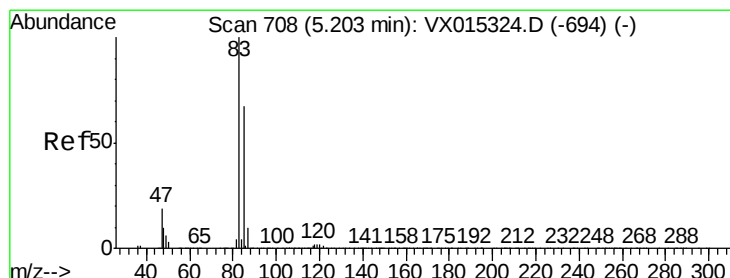
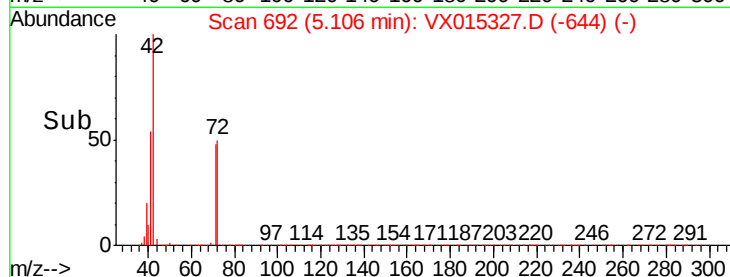
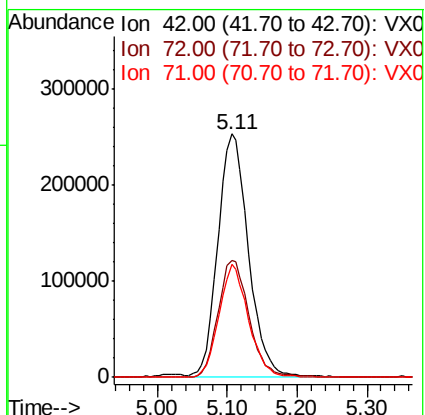
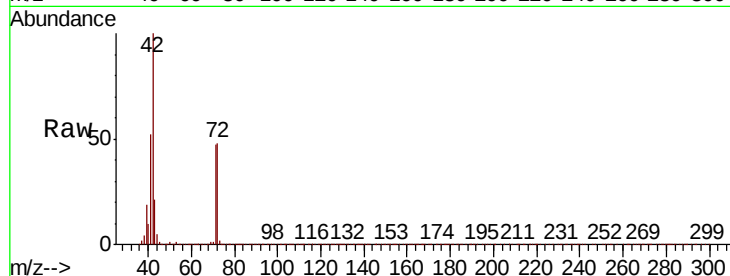
Tot Ion: 42 Resp: 766520

Ion Ratio Lower Upper

42 100

72 48.9 39.6 59.4

71 44.5 36.5 54.7



#30

Chloroform

Concen: 44.751 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX015327.D

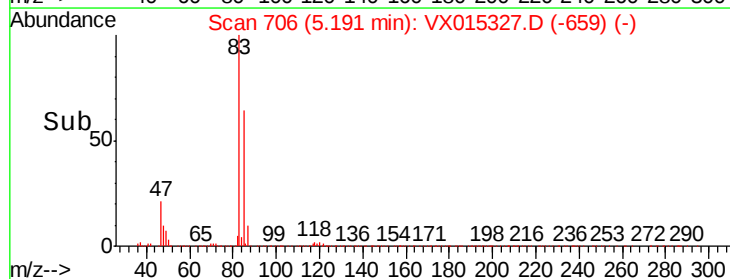
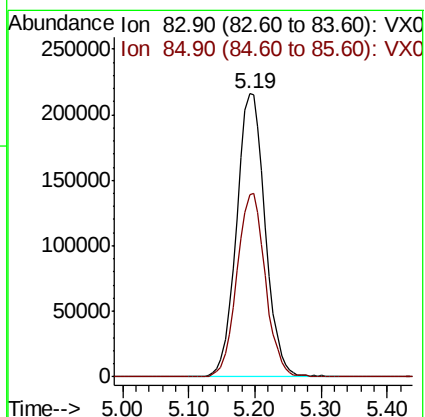
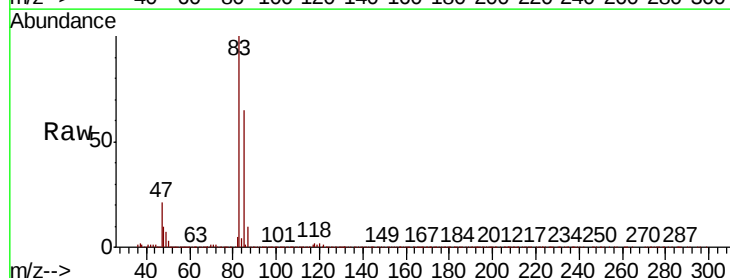
Acq: 18 Mar 2020 15:22

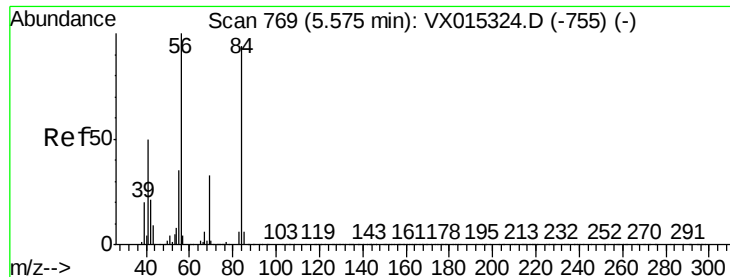
Tgt Ion: 83 Resp: 646974

Ion Ratio Lower Upper

83 100

85 64.6 53.8 80.6

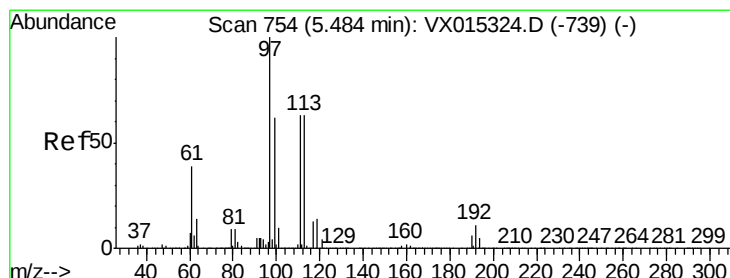
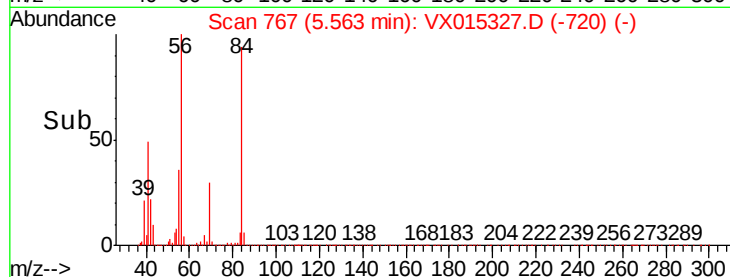
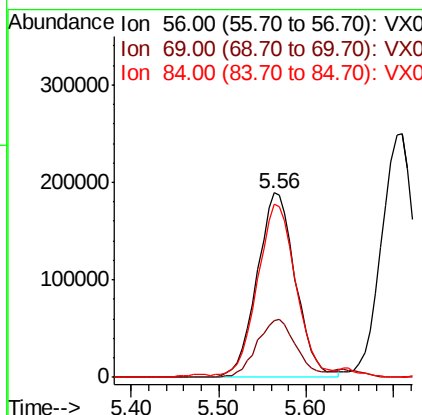
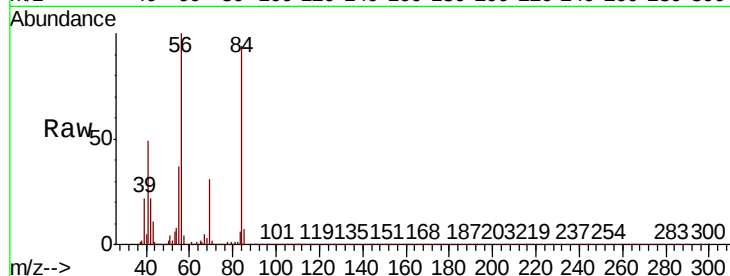




#31
Cyclohexane
Concen: 49.421 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

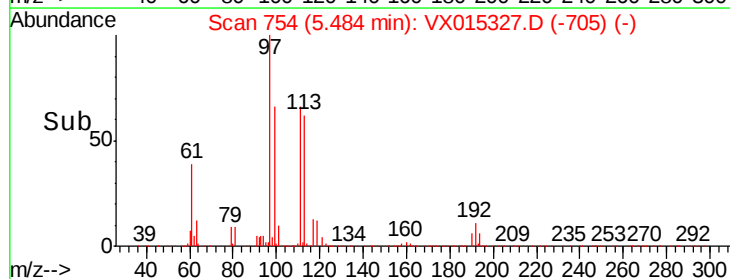
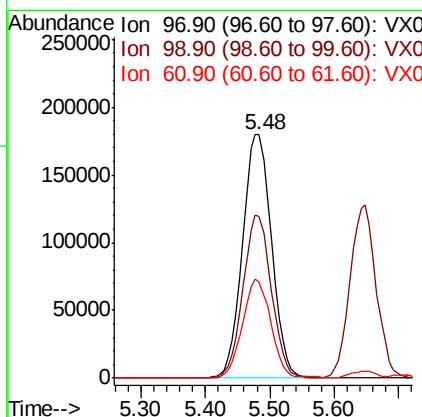
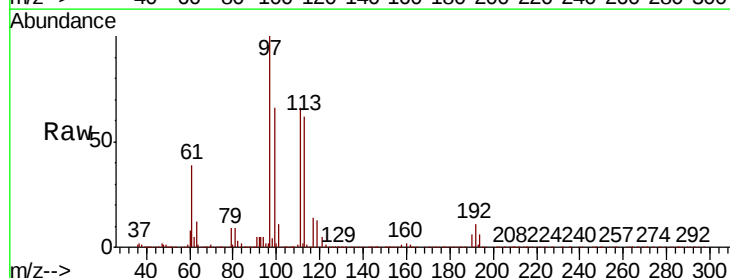
Instrument :
MSVOA_X
ClientSampleId :
BFB

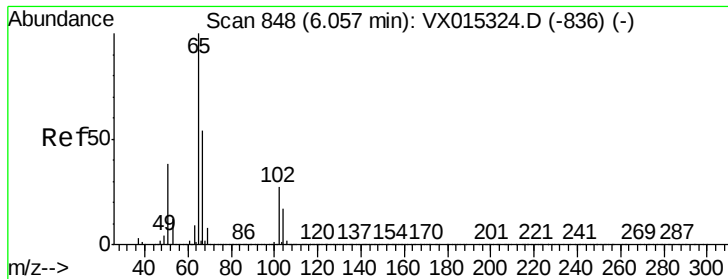
Tot Ion: 56 Resp: 578250
Ion Ratio Lower Upper
56 100
69 30.5 26.2 39.4
84 92.7 75.2 112.8



#32
1,1,1-Trichloroethane
Concen: 46.565 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion: 97 Resp: 555449
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 39.6 31.7 47.5

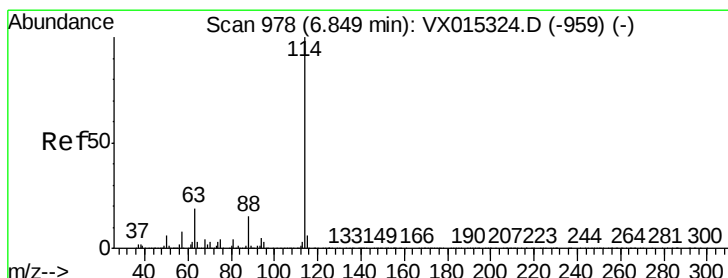
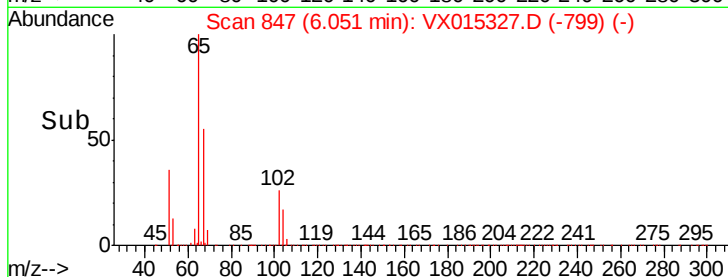
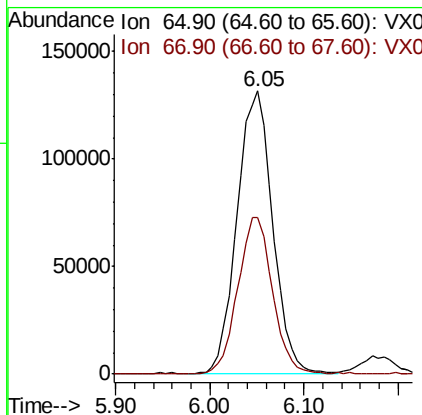
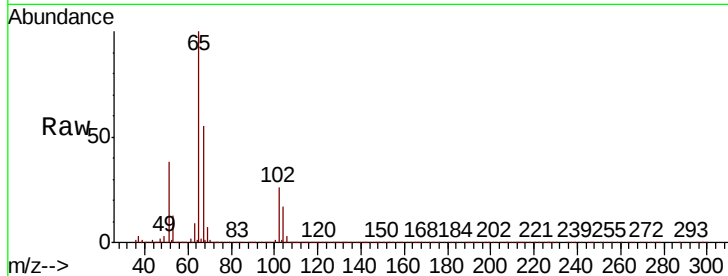




#33
 1,2-Dichloroethane-d4
 Concen: 45.493 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

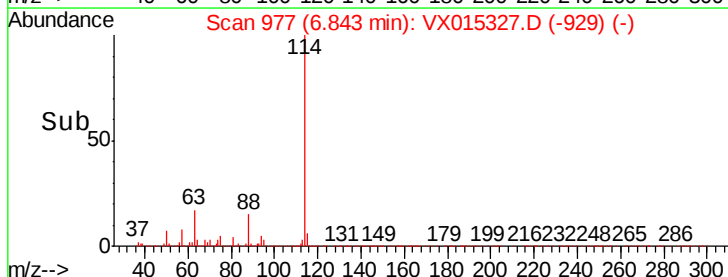
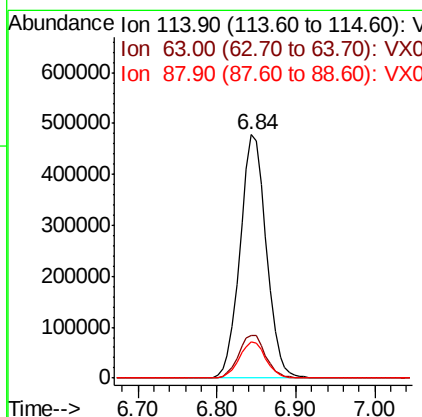
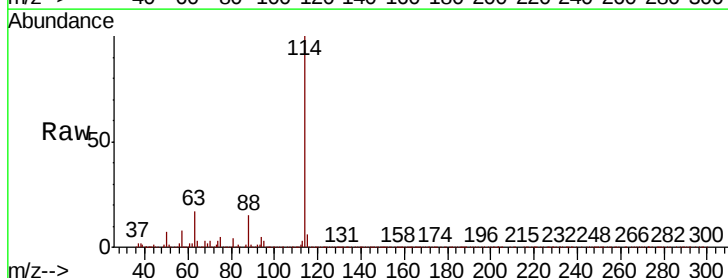
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

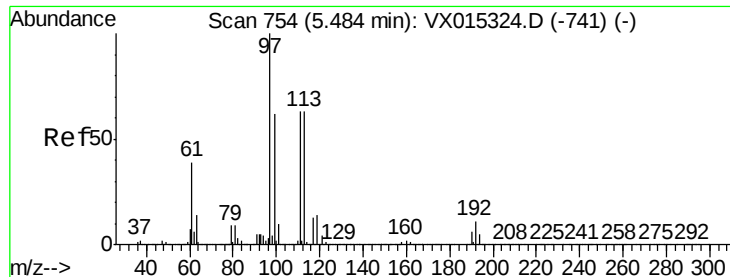
Tot Ion: 65 Resp: 348336
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

Tgt Ion: 114 Resp: 1105933
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 37.4
 88 14.9 0.0 30.0

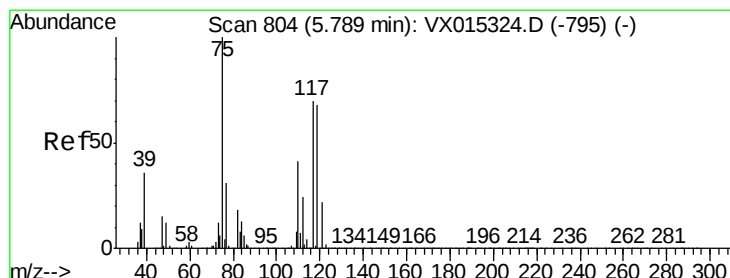
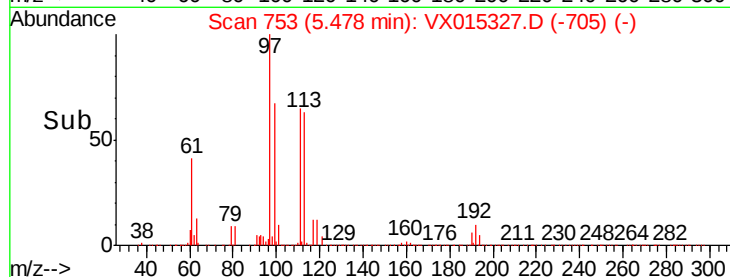
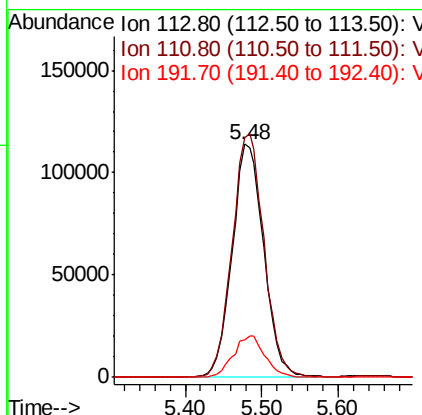
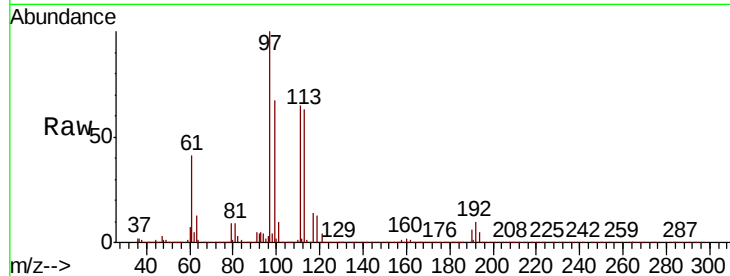




#35
Dibromofluoromethane
Concen: 45.107 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

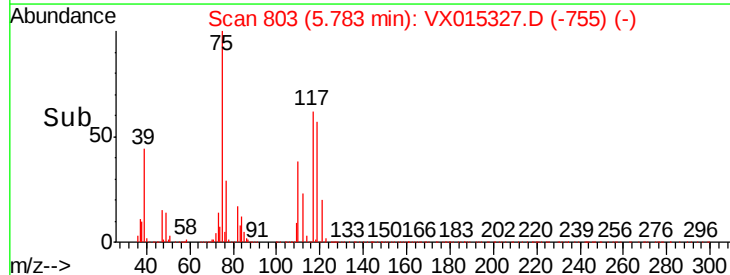
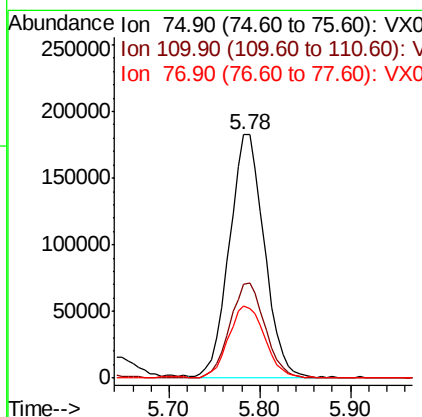
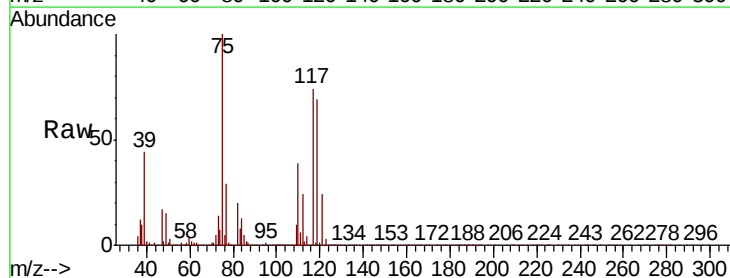
Instrument :
MSVOA_X
ClientSampled :
BFB

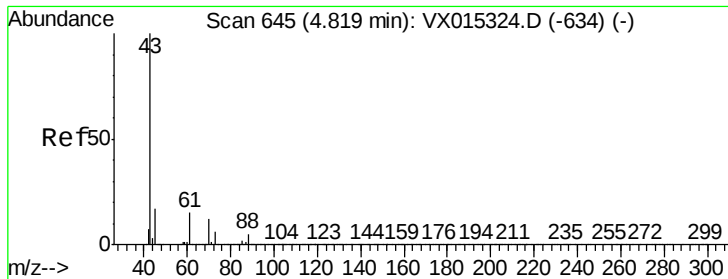
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.5	82.5	123.7
192	17.9	14.2	21.2



#36
1,1-Dichloropropene
Concen: 46.305 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.4	19.4	58.4
77	30.7	24.6	37.0

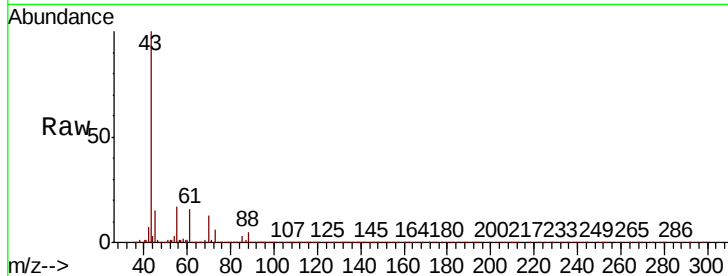




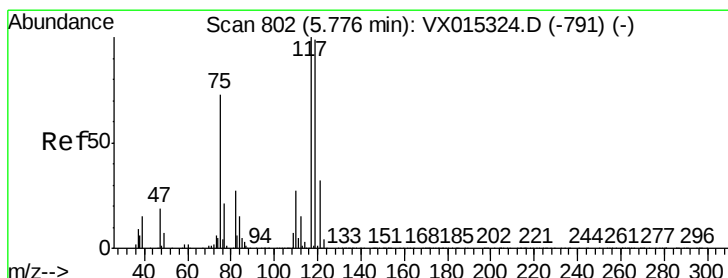
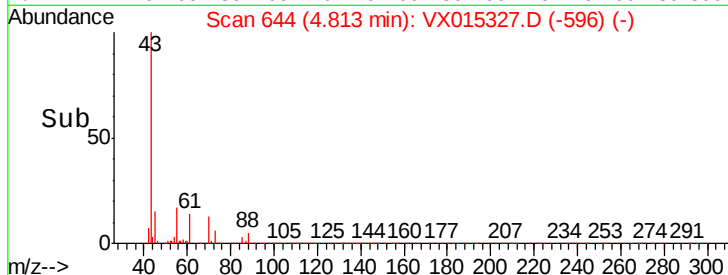
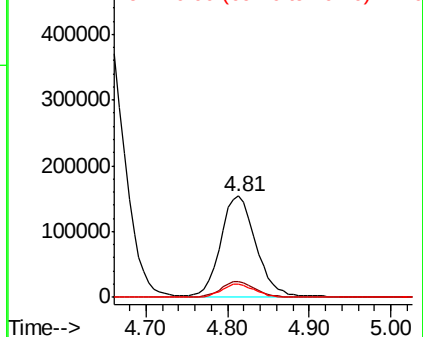
#37
Ethyl Acetate
Concen: 47.755 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.2	18.2
70	12.8	9.8	14.6

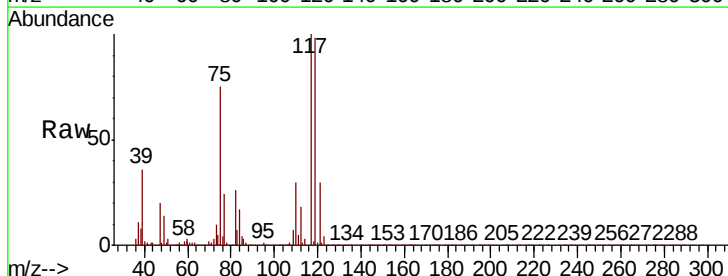


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

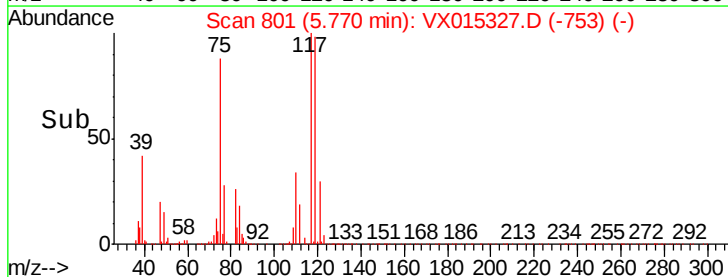
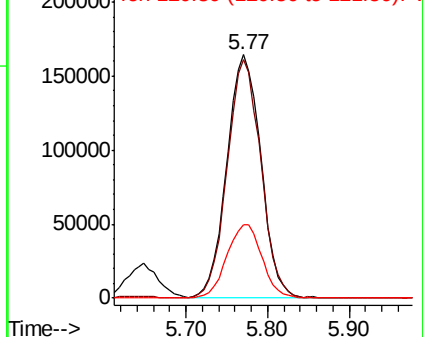


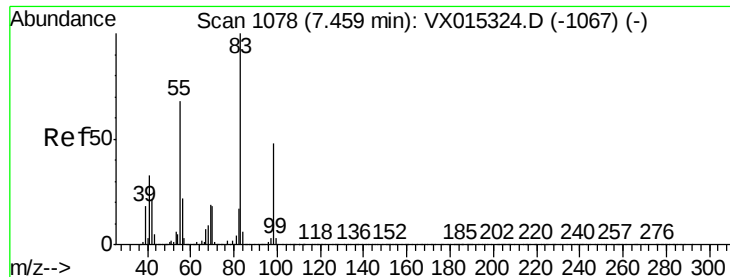
#38
Carbon Tetrachloride
Concen: 47.537 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	79.3	118.9
121	30.3	25.4	38.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

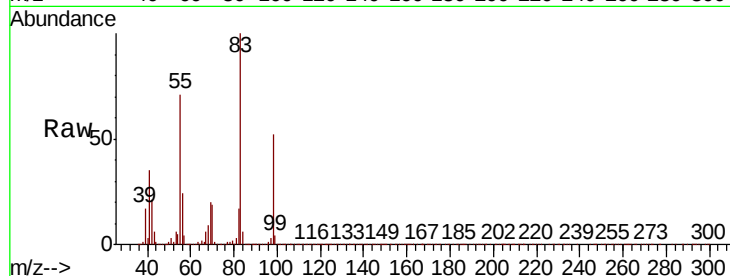




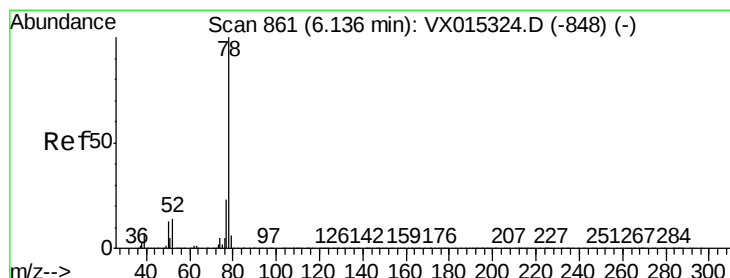
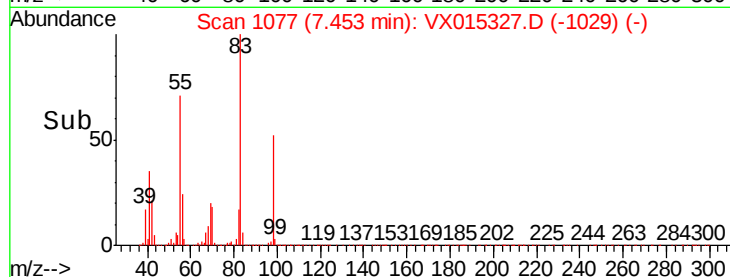
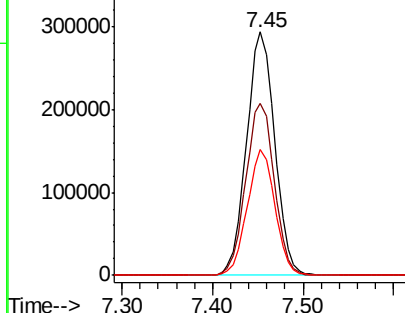
#39
Methvlcvclohexane
Concen: 50.084 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.7	54.8	82.2
98	51.6	38.8	58.2

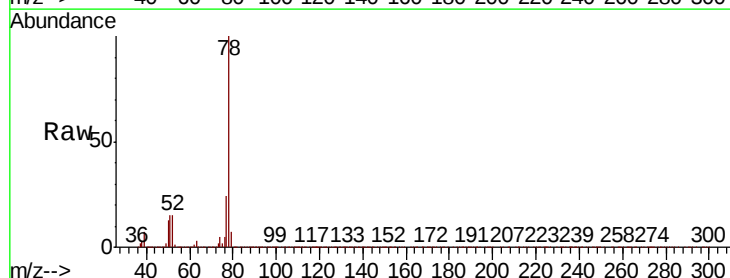


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

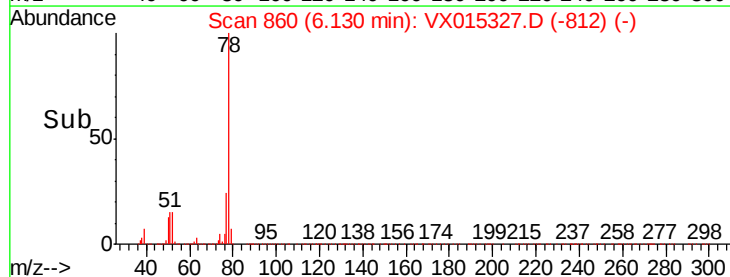
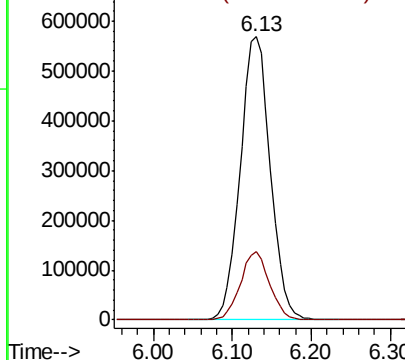


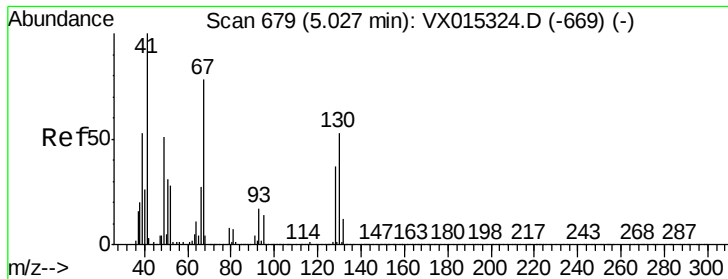
#40
Benzene
Concen: 47.305 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.2	27.4



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





#41

Methacrylonitrile

Concen: 50.230 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

Tot Ion: 41 Resp: 256039

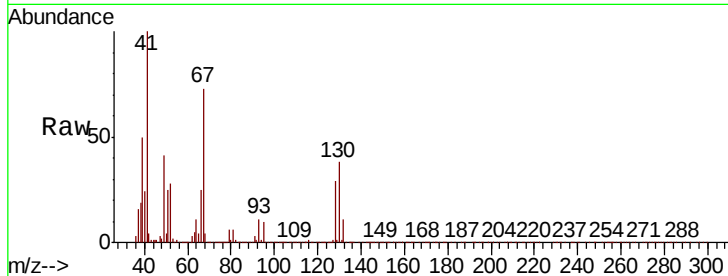
Ion Ratio Lower Upper

41 100

39 49.1 43.0 64.6

67 78.1 66.0 99.0

52 28.1 24.6 36.8

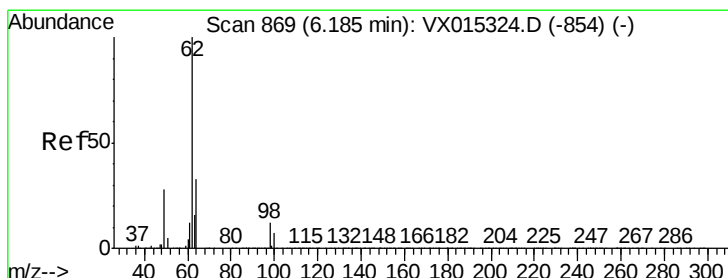
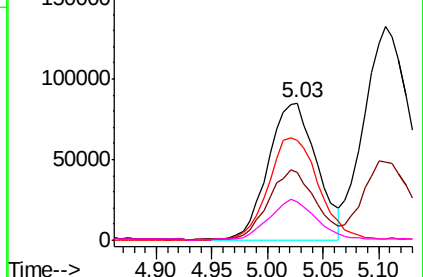
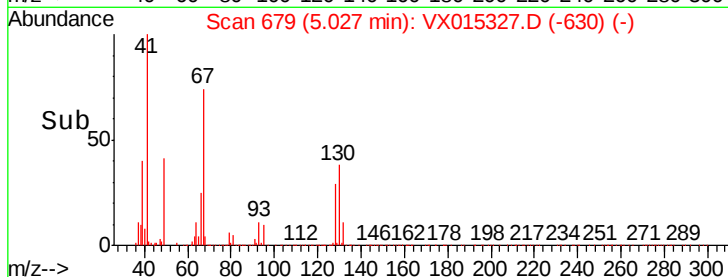


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 47.384 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX015327.D

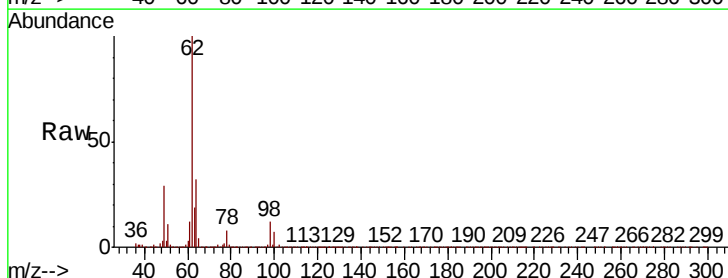
Acq: 18 Mar 2020 15:22

Tgt Ion: 62 Resp: 455347

Ion Ratio Lower Upper

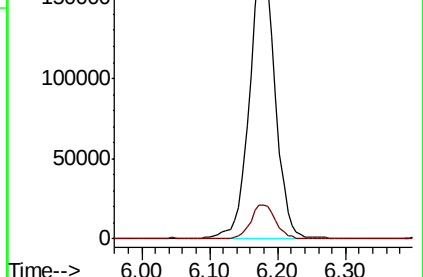
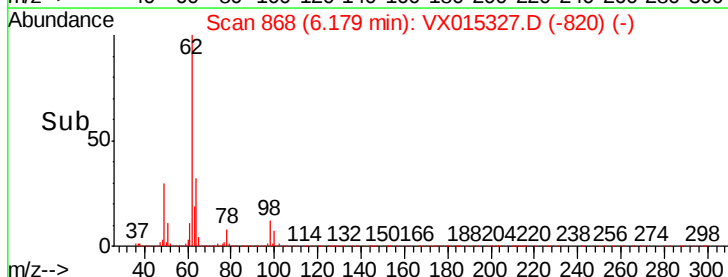
62 100

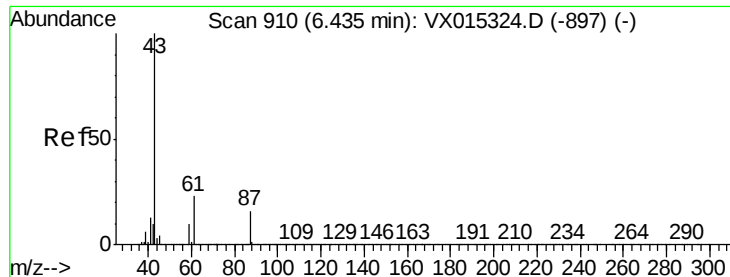
98 11.9 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.237 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

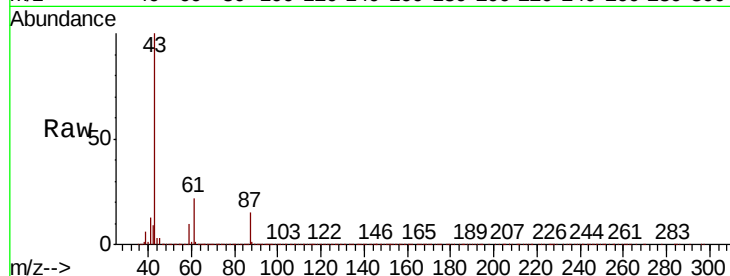
Tot Ion: 43 Resp: 740312

Ion Ratio Lower Upper

43 100

61 22.4 18.2 27.2

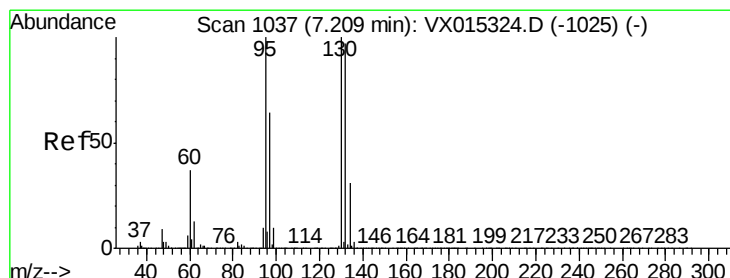
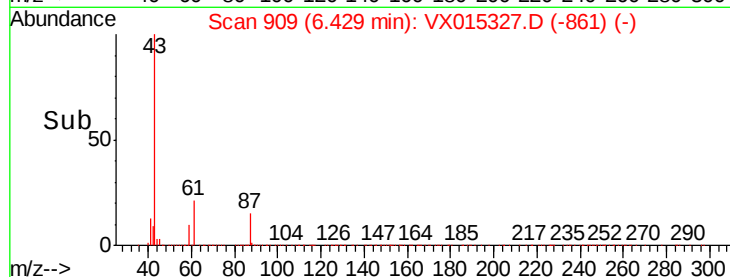
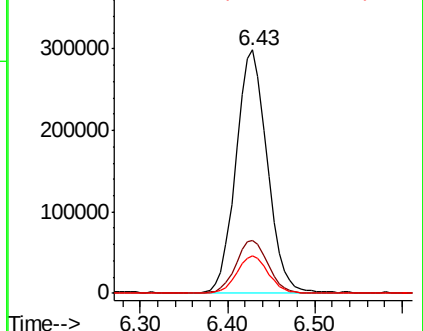
87 15.6 12.3 18.5



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: 48.450 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015327.D

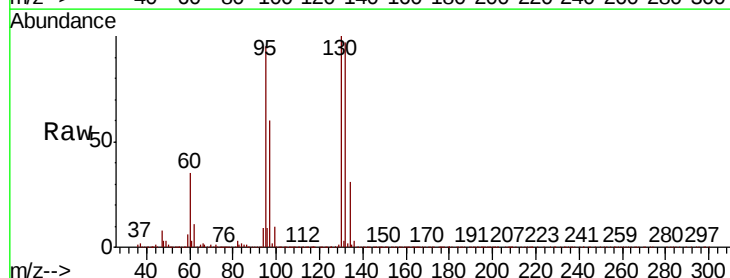
Acq: 18 Mar 2020 15:22

Tgt Ion:130 Resp: 423839

Ion Ratio Lower Upper

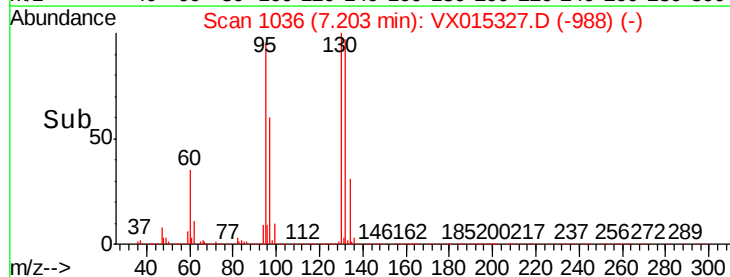
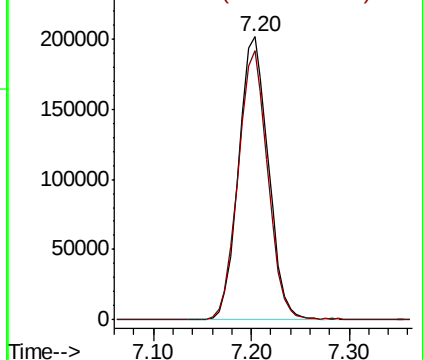
130 100

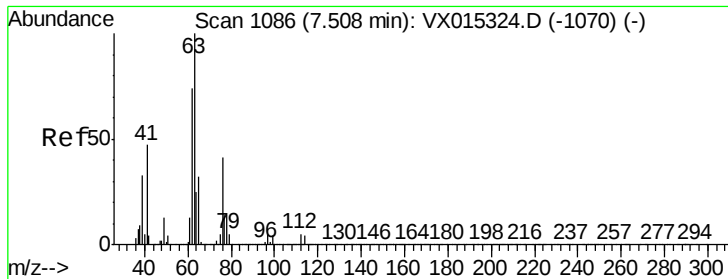
95 94.8 0.0 200.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

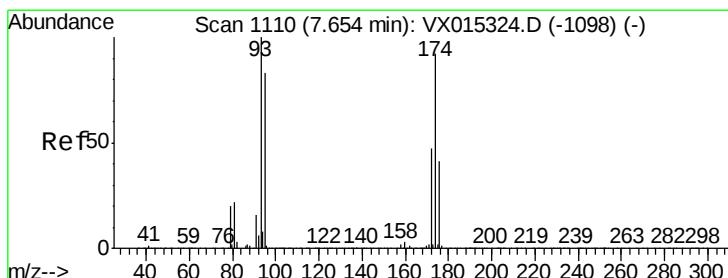
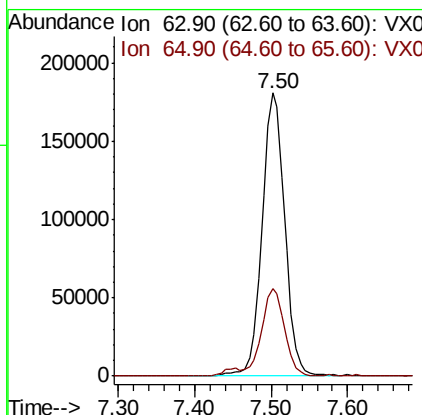
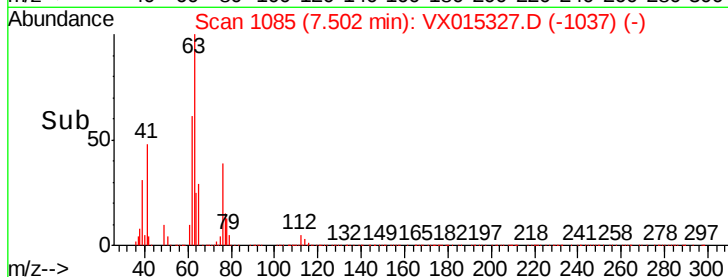
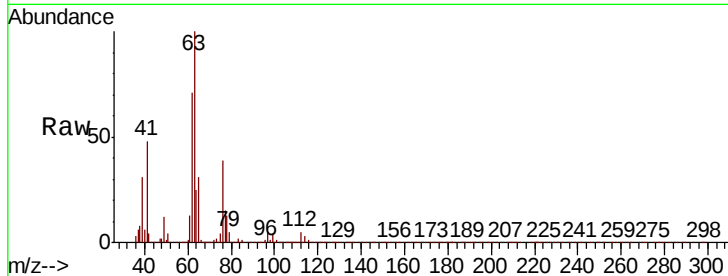




#45
 1,2-Dichloropropane
 Concen: 49.754 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

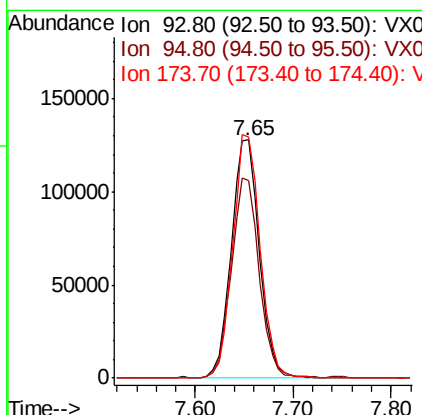
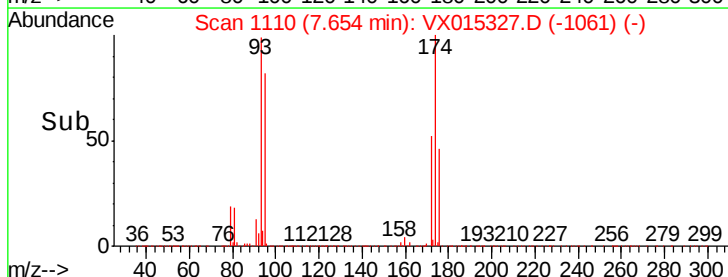
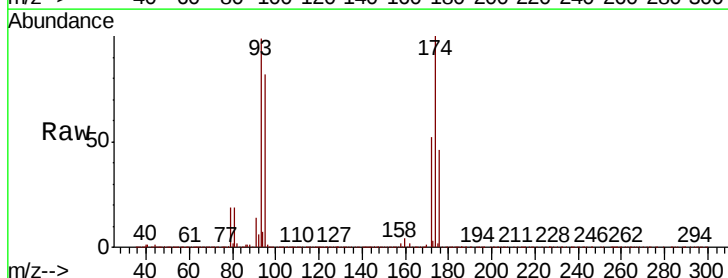
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

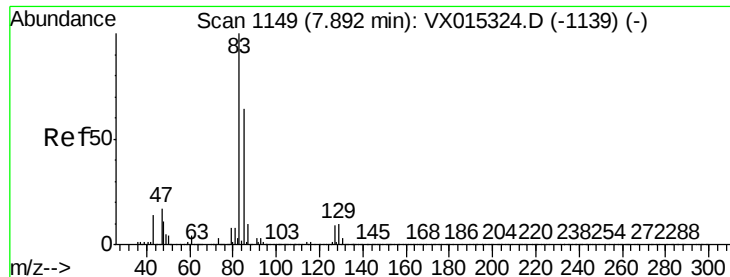
Tot Ion: 63 Resp: 374389
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.1 37.7



#46
 Dibromomethane
 Concen: 47.866 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

Tgt Ion: 93 Resp: 252006
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.3 99.5
 174 101.1 74.2 111.2





#47

Bromodichloromethane

Concen: 50.642 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

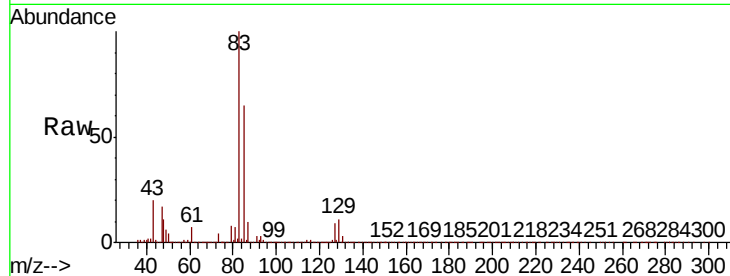
Tot Ion: 83 Resp: 500719

Ion Ratio Lower Upper

83 100

85 64.9 51.0 76.6

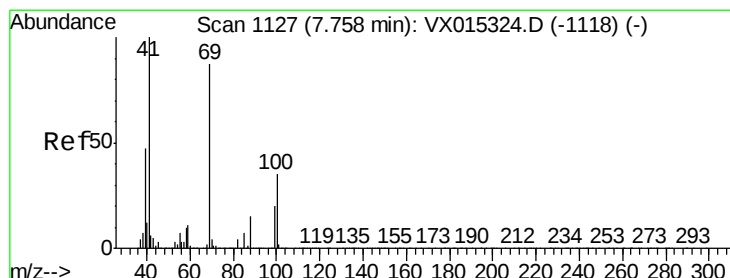
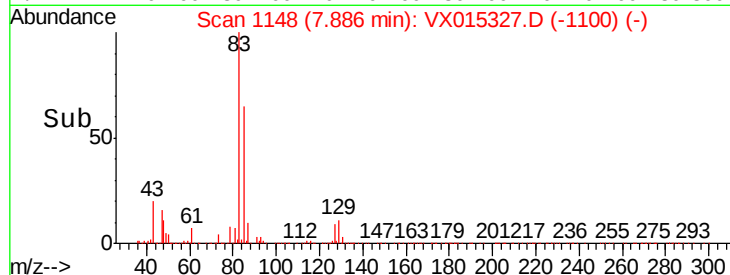
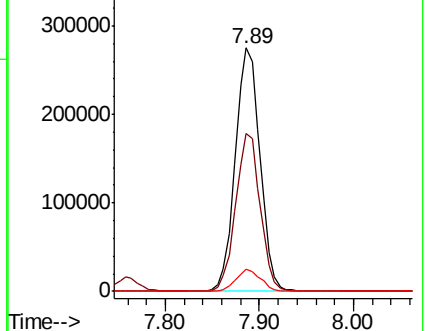
127 8.9 7.2 10.8



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: 52.534 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

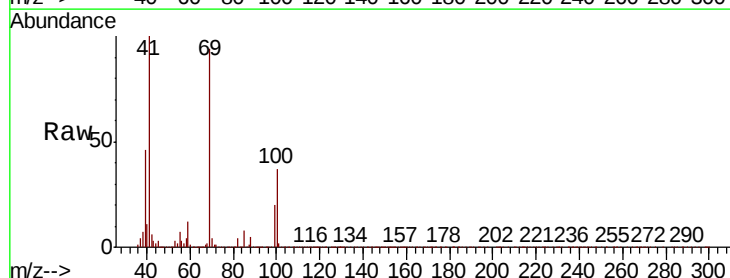
Tgt Ion: 41 Resp: 363266

Ion Ratio Lower Upper

41 100

69 93.4 74.4 111.6

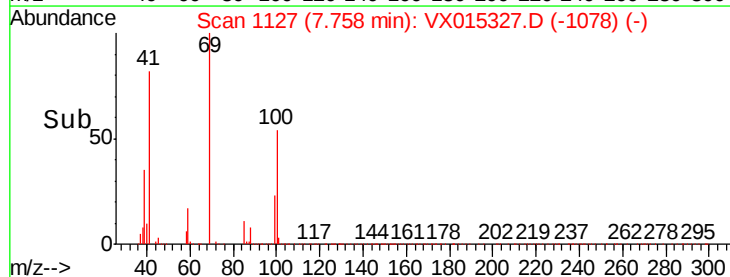
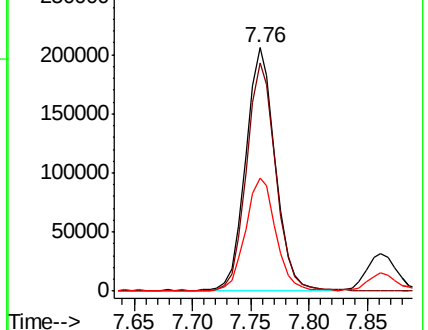
39 47.5 39.2 58.8

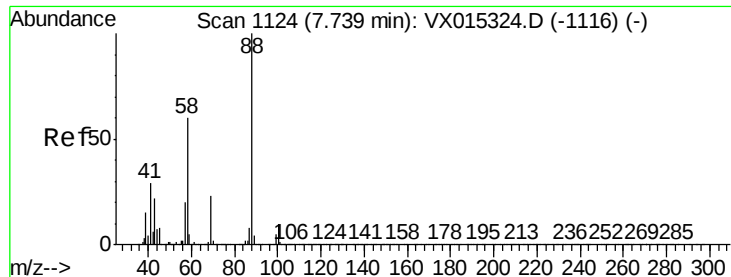


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1011.616 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

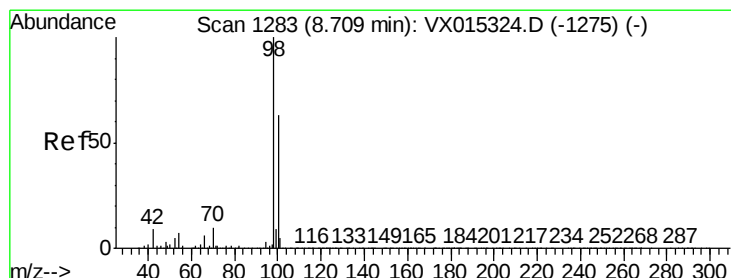
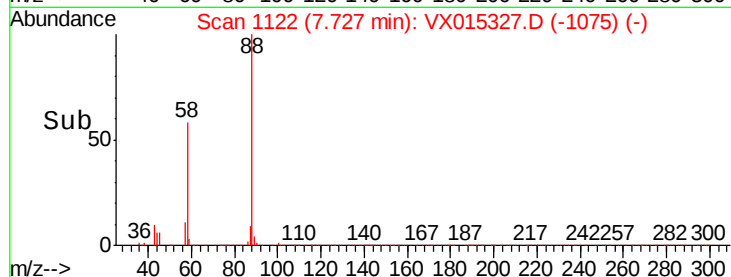
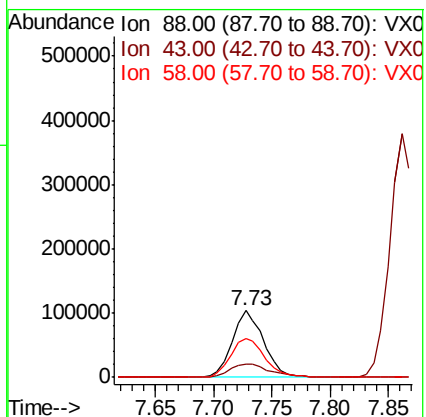
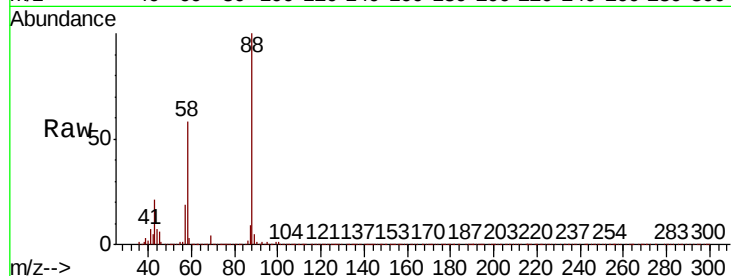
Tot Ion: 88 Resp: 192197

Ion Ratio Lower Upper

88 100

43 26.0 20.7 31.1

58 63.4 53.9 80.9



#50

Toluene-d8

Concen: 48.096 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015327.D

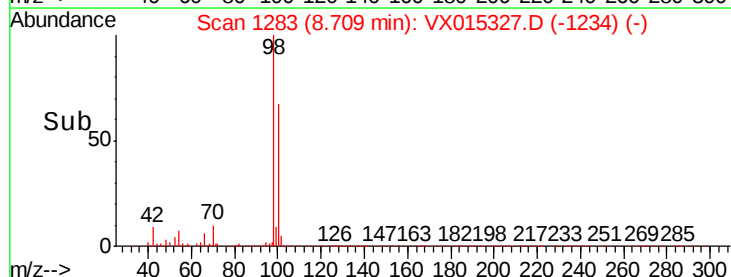
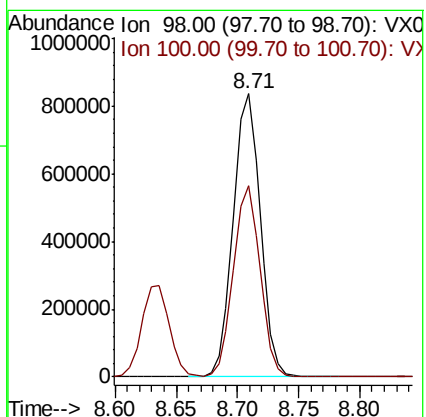
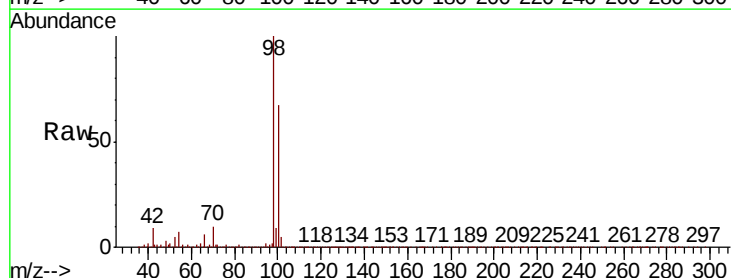
Acq: 18 Mar 2020 15:22

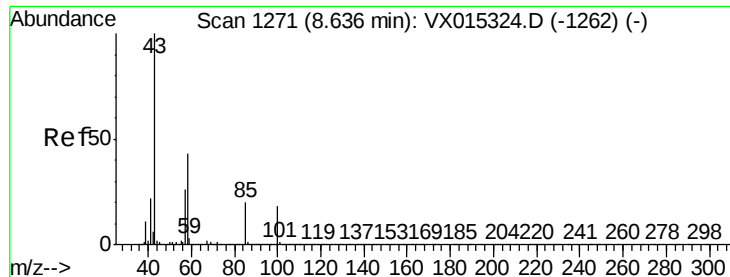
Tgt Ion: 98 Resp: 1279855

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 253.123 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

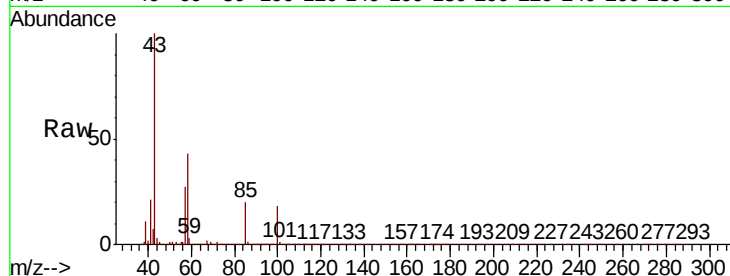
BFB

Tot Ion: 43 Resp: 2257524

Ion Ratio Lower Upper

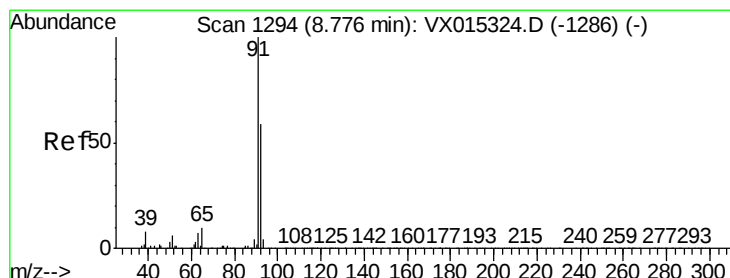
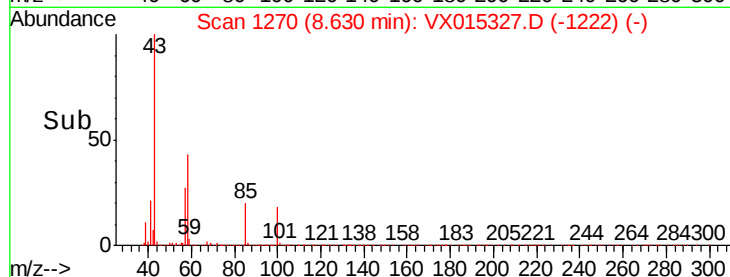
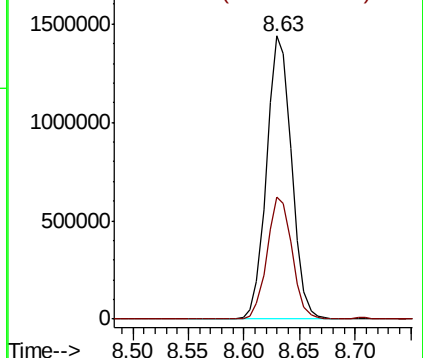
43 100

58 43.1 34.6 51.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.825 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015327.D

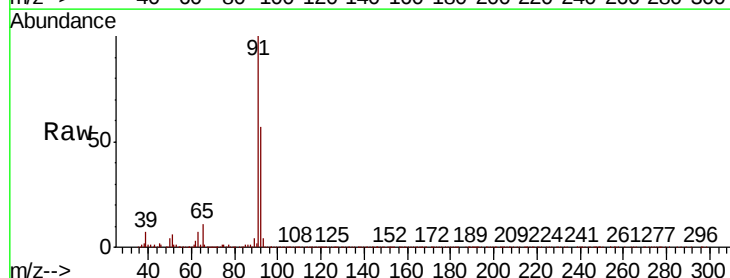
Acq: 18 Mar 2020 15:22

Tgt Ion: 92 Resp: 955763

Ion Ratio Lower Upper

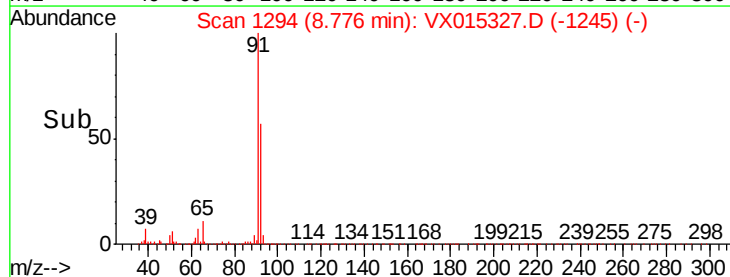
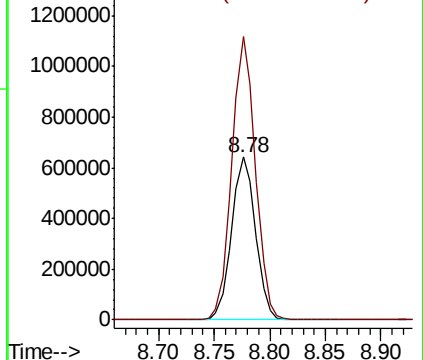
92 100

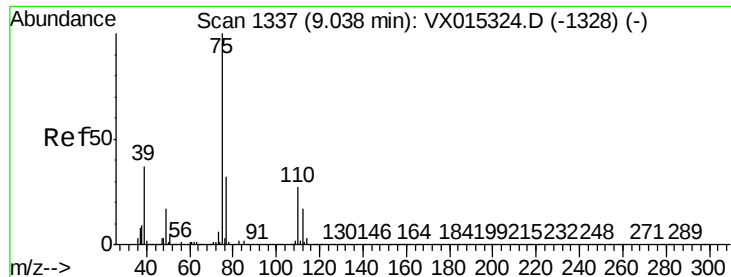
91 171.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 52.577 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

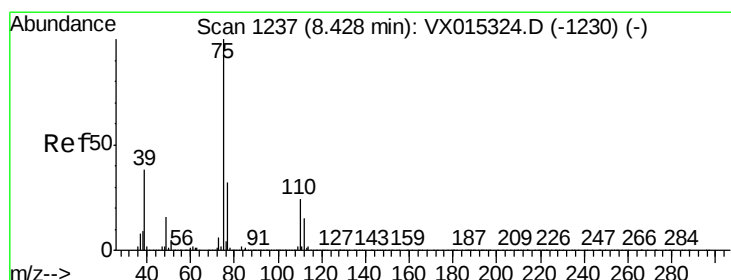
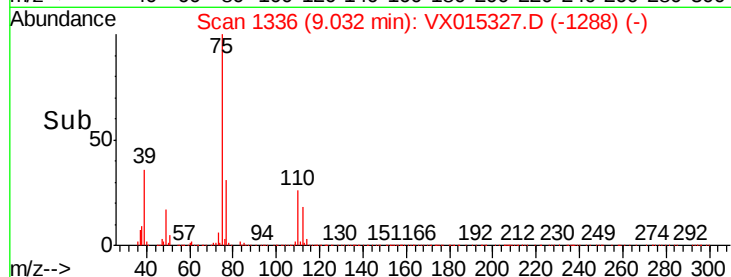
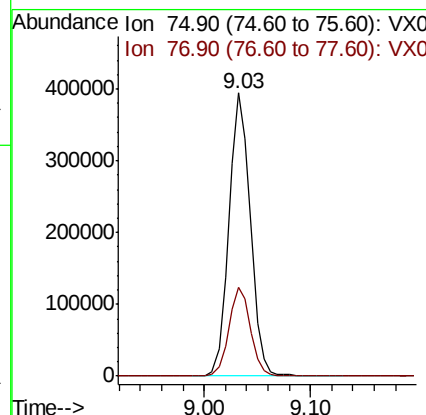
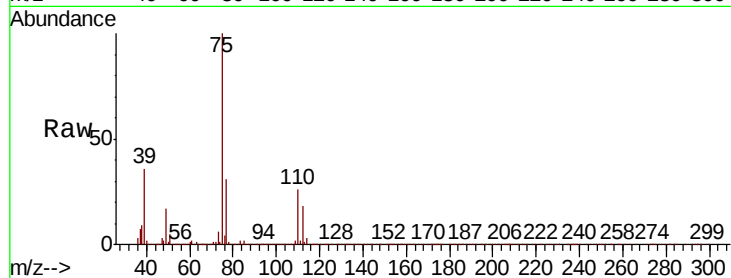
BFB

Tot Ion: 75 Resp: 556210

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 49.750 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

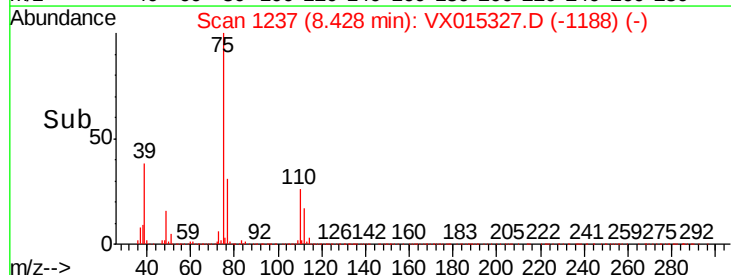
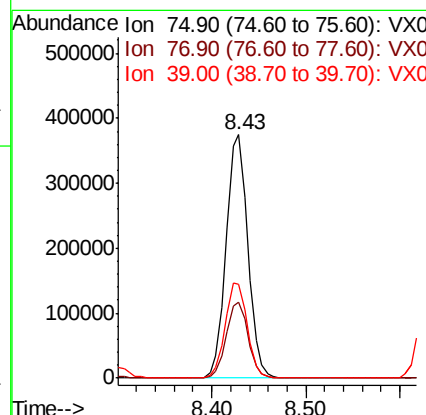
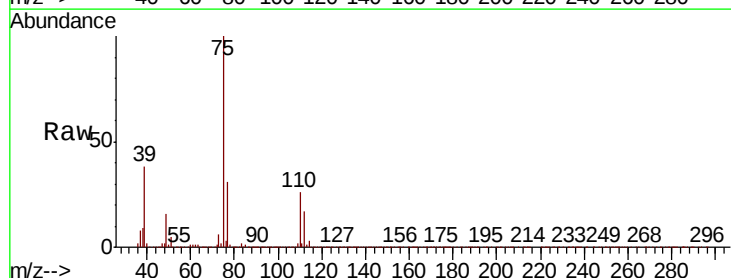
Tgt Ion: 75 Resp: 597676

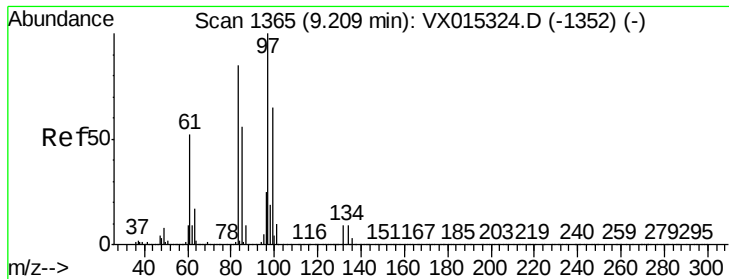
Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5

39 38.4 30.2 45.2





#55

1,1,2-Trichloroethane

Concen: 47.247 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

Tot Ion: 97 Resp: 392146

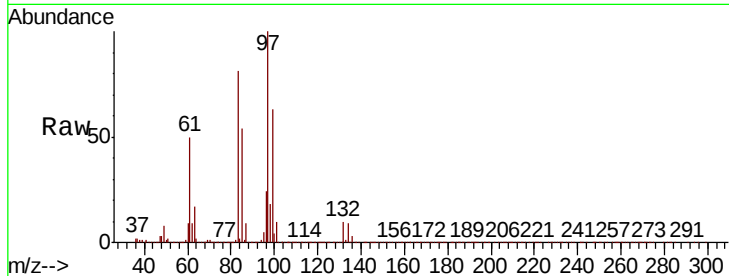
Ion Ratio Lower Upper

97 100

83 80.5 67.7 101.5

85 54.1 44.5 66.7

99 62.6 51.8 77.8

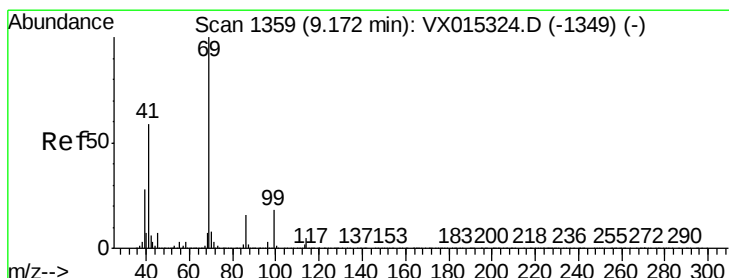
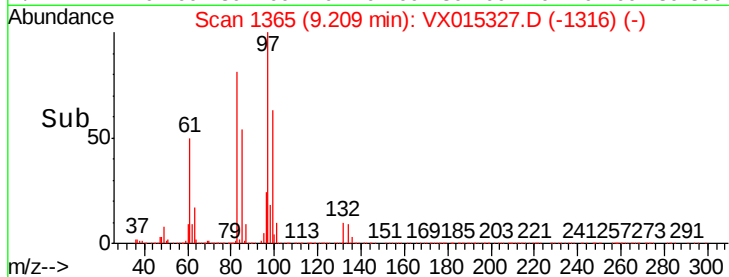
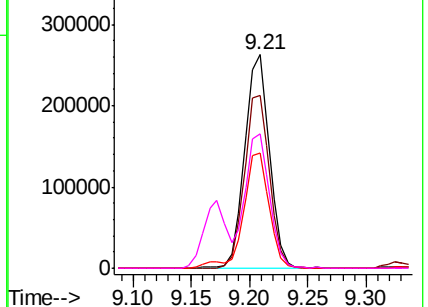


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.982 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

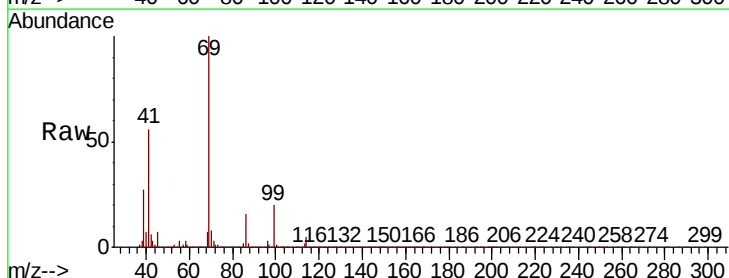
Tgt Ion: 69 Resp: 572771

Ion Ratio Lower Upper

69 100

41 58.4 47.5 71.3

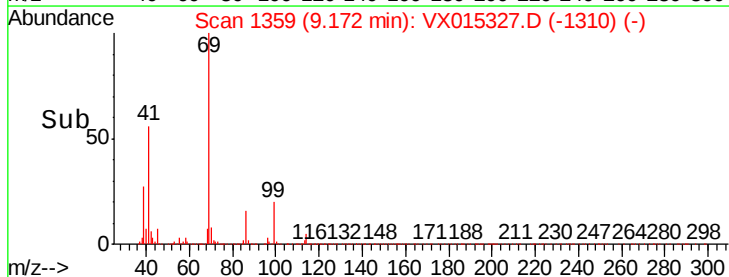
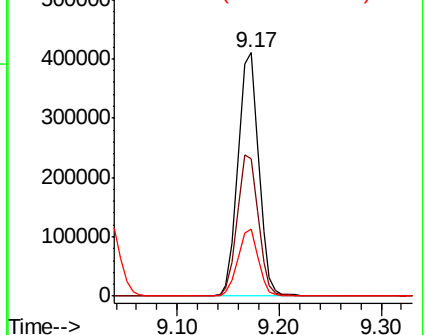
39 27.4 23.0 34.4

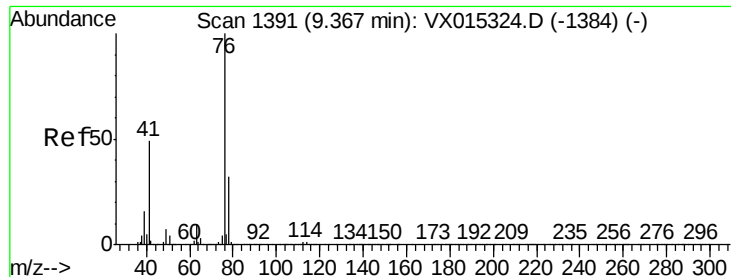


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 46.402 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

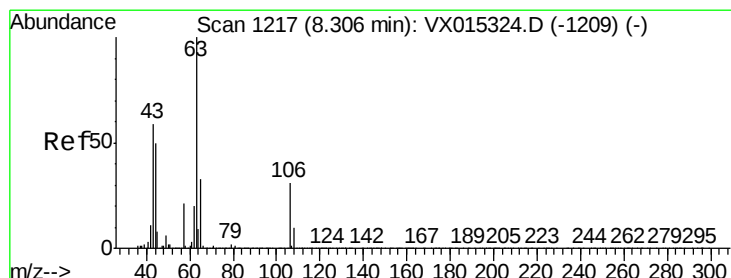
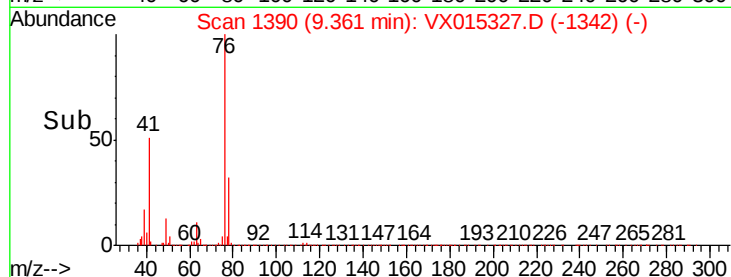
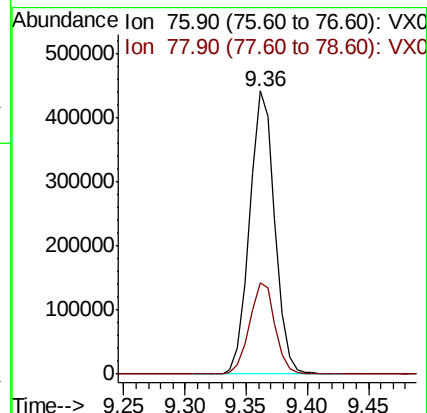
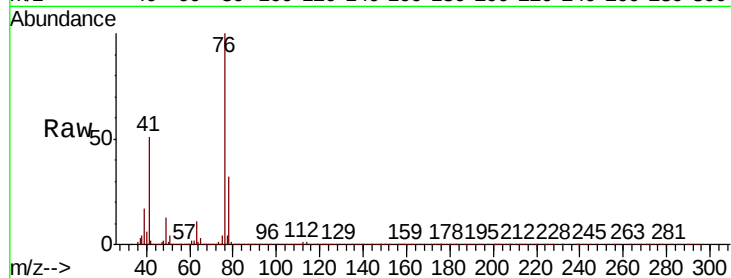
BFB

Tot Ion: 76 Resp: 631613

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 276.312 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015327.D

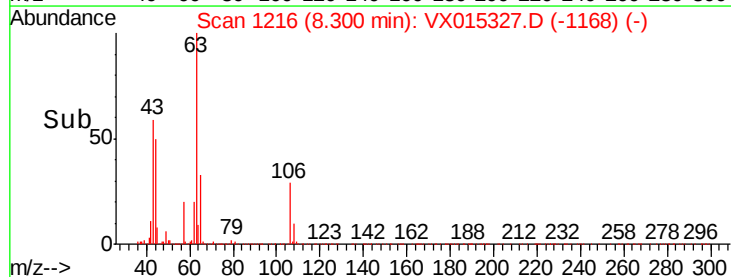
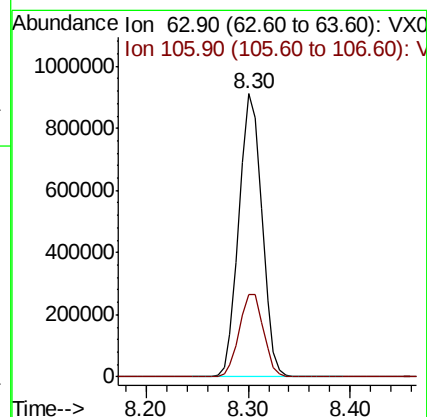
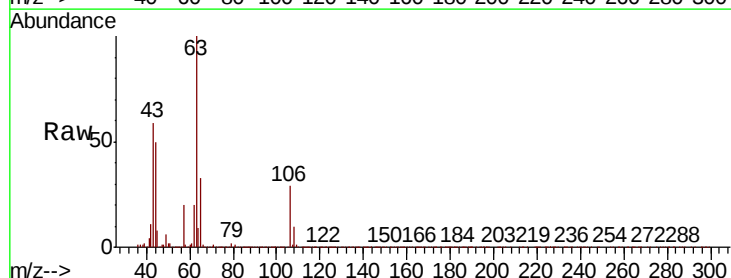
Acq: 18 Mar 2020 15:22

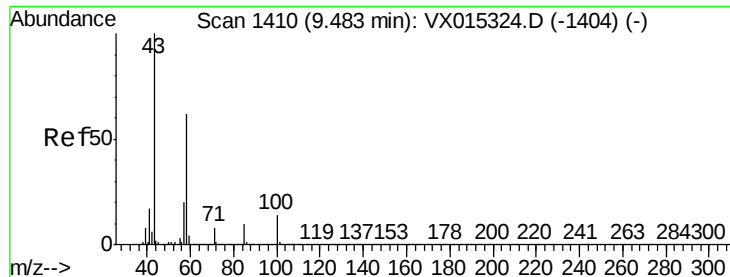
Tgt Ion: 63 Resp: 1418915

Ion Ratio Lower Upper

63 100

106 30.6 24.3 36.5





#59

2-Hexanone

Concen: 256.554 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampled :

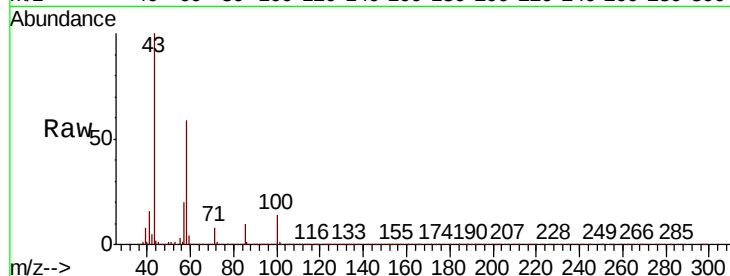
BFB

Tot Ion: 43 Resp: 1700677

Ion Ratio Lower Upper

43 100

58 59.9 30.3 90.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

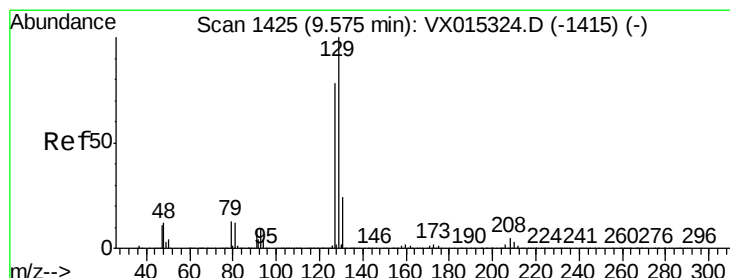
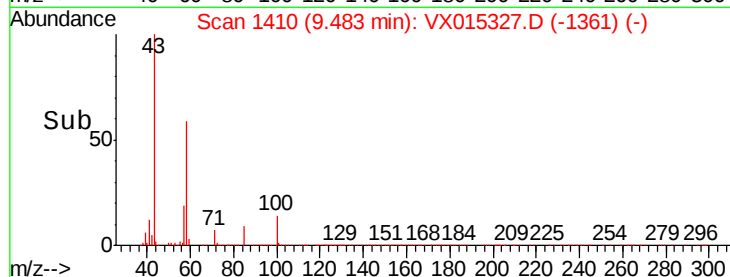
9.48

1000000

500000

0

Time-->



#60

Dibromochloromethane

Concen: 51.195 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015327.D

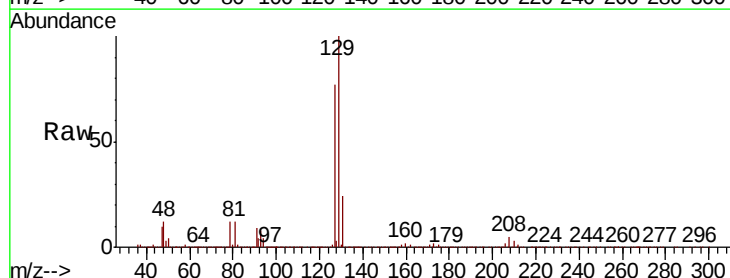
Acq: 18 Mar 2020 15:22

Tgt Ion:129 Resp: 413711

Ion Ratio Lower Upper

129 100

127 76.7 39.3 117.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

300000

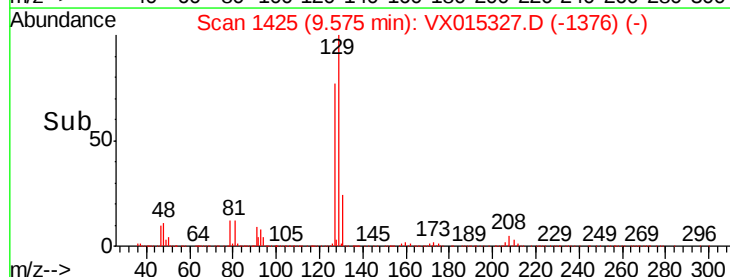
9.57

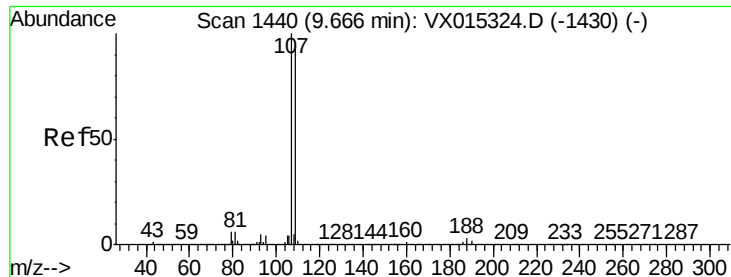
200000

100000

0

Time-->

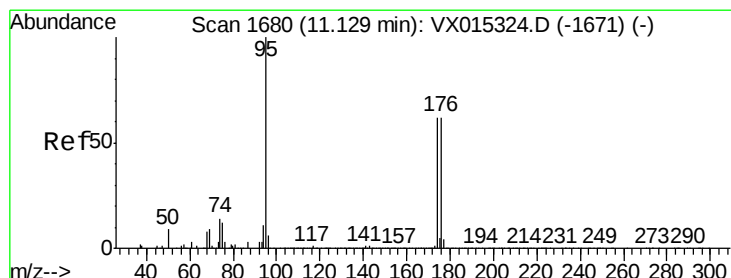
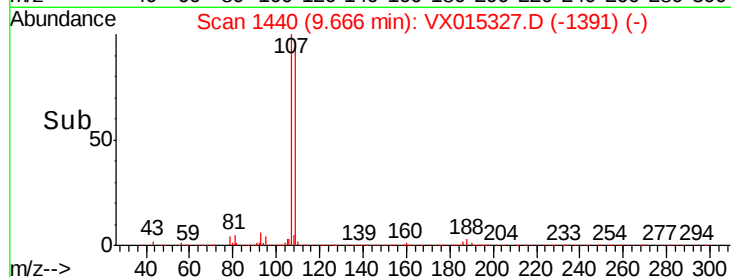
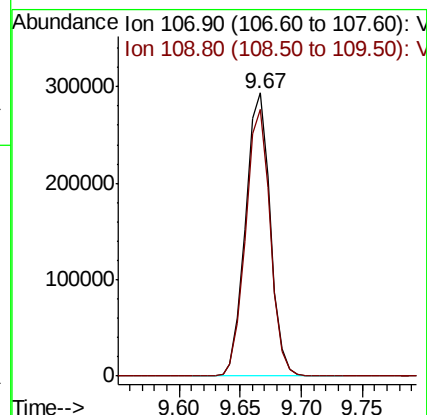
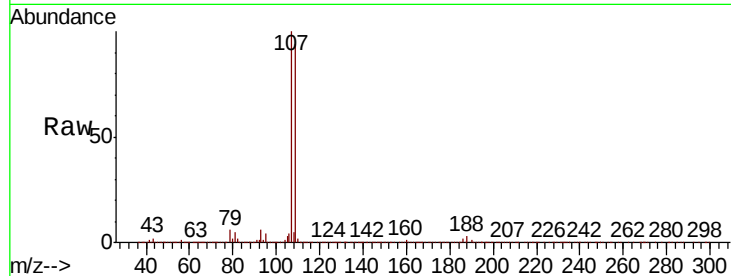




#61
 1,2-Dibromoethane
 Concen: 48.580 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

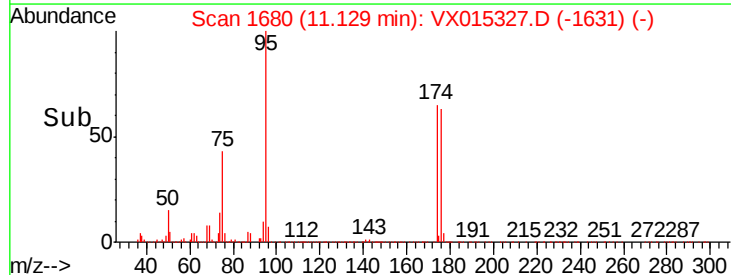
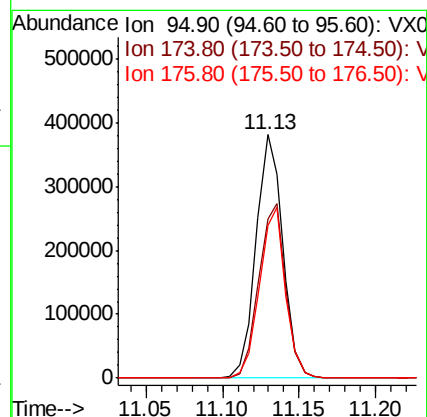
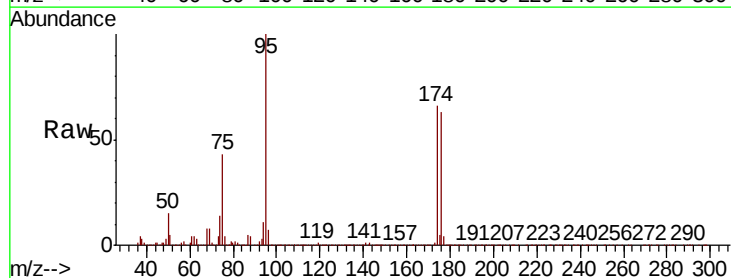
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

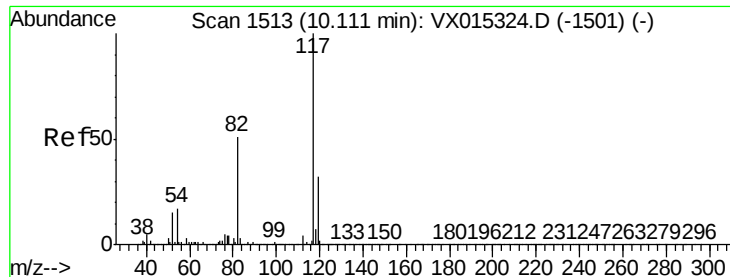
Tot Ion: 107 Resp: 410692
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 45.726 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

Tgt Ion: 95 Resp: 462820
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 145.6
 176 68.5 0.0 141.6

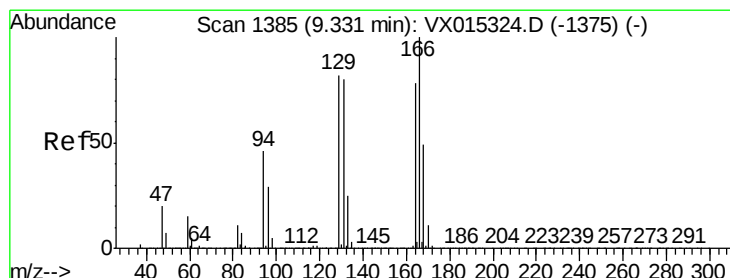
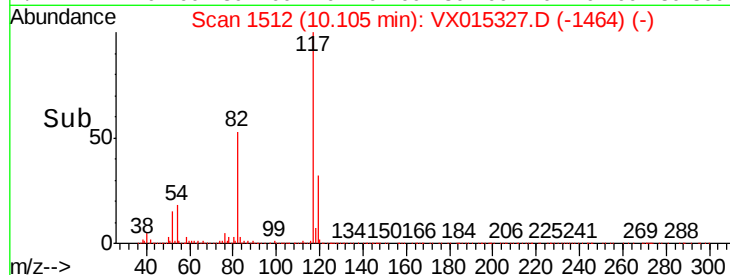
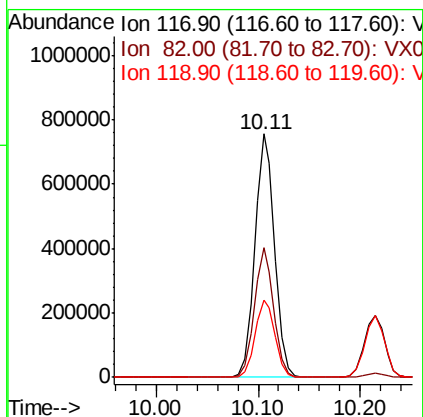
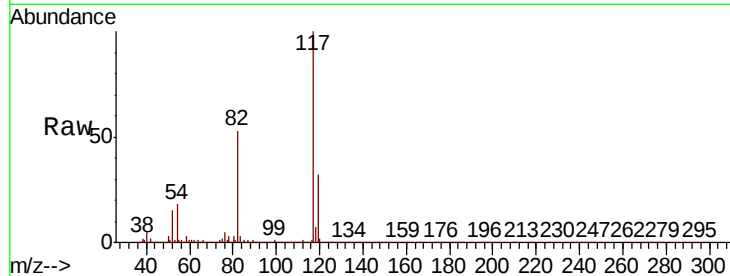




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

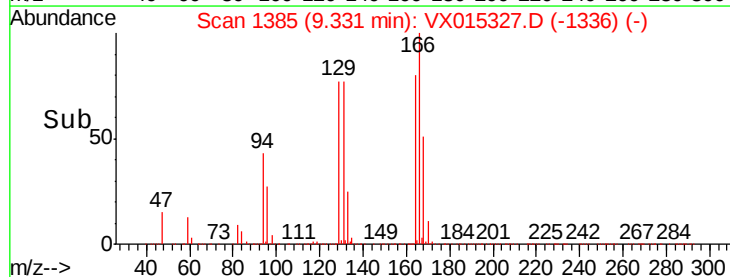
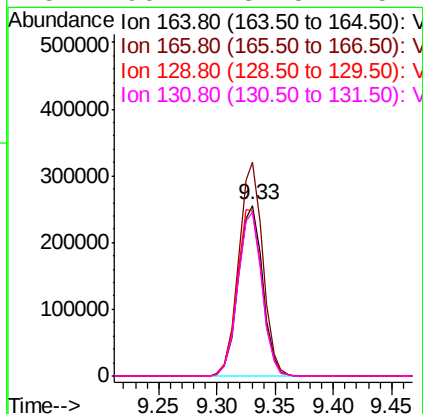
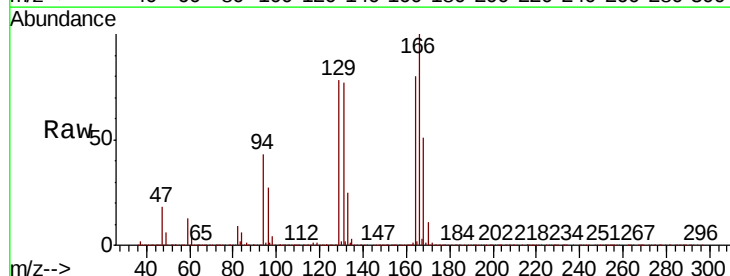
Instrument :
MSVOA_X
ClientSampleId :
BFB

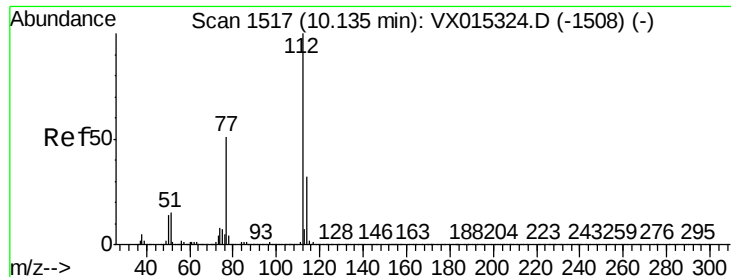
Tot Ion:117 Resp: 1020711
Ion Ratio Lower Upper
117 100
82 53.0 40.6 60.8
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 50.018 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion:164 Resp: 371350
Ion Ratio Lower Upper
164 100
166 125.0 102.6 153.8
129 96.9 84.5 126.7
131 96.2 82.5 123.7

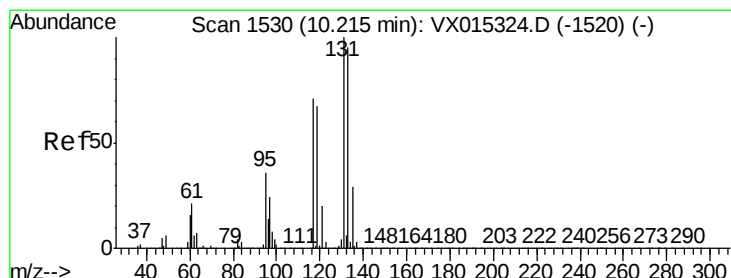
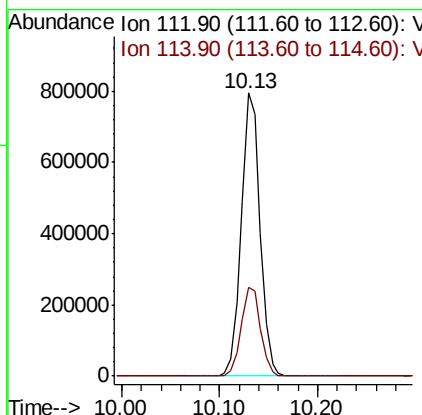
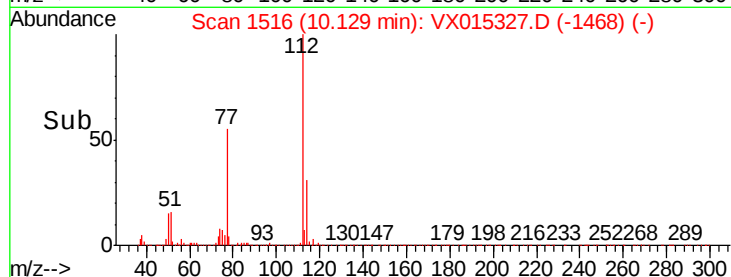
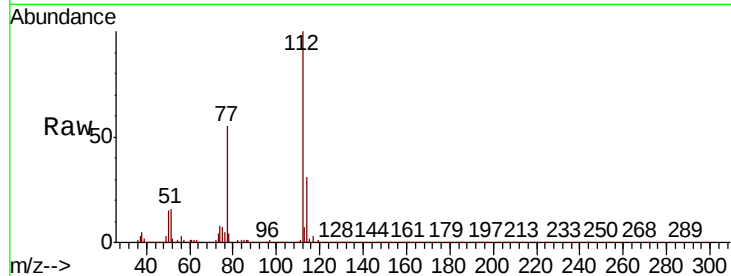




#65
Chlorobenzene
Concen: 49.053 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

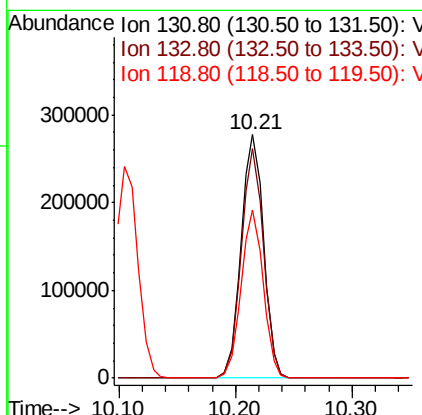
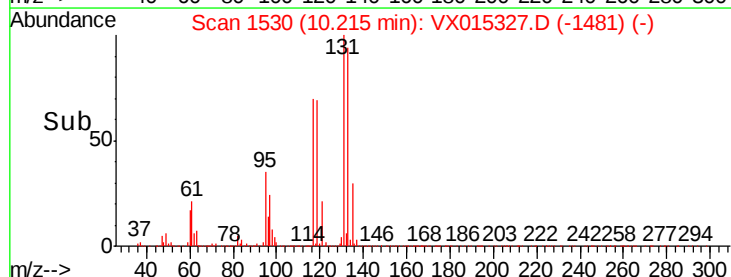
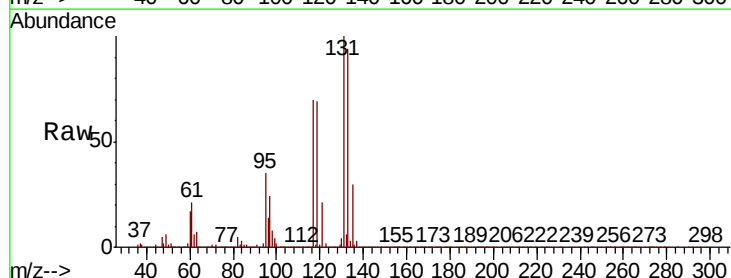
Instrument :
MSVOA_X
ClientSampleId :
BFB

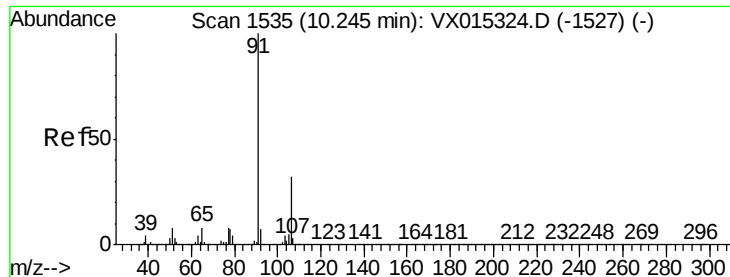
Tot Ion:112 Resp: 1054979
Ion Ratio Lower Upper
112 100
114 31.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.325 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion:131 Resp: 375485
Ion Ratio Lower Upper
131 100
133 93.5 48.1 144.4
119 67.7 33.8 101.3





#67

Ethyl Benzene

Concen: 49.170 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

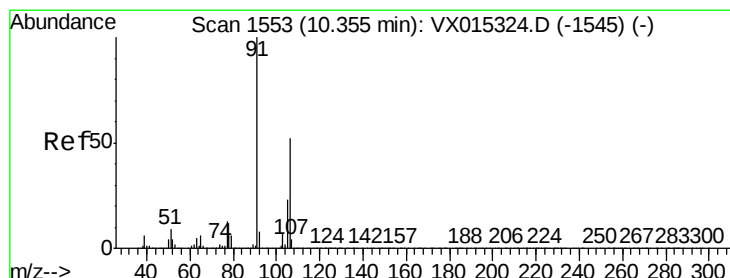
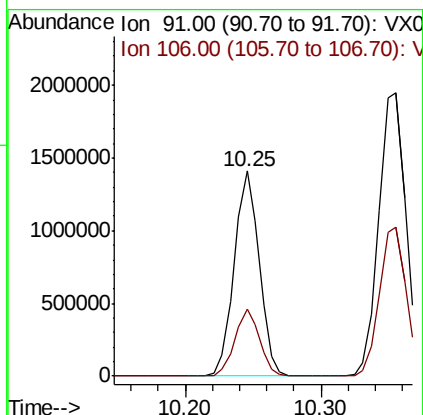
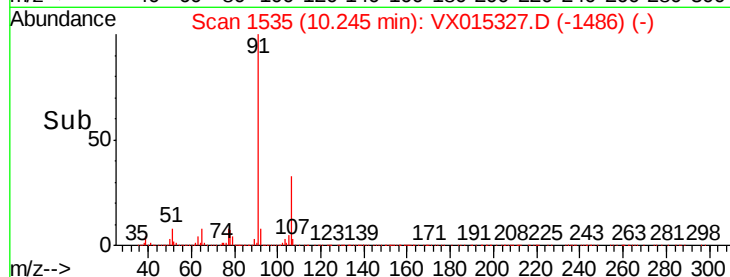
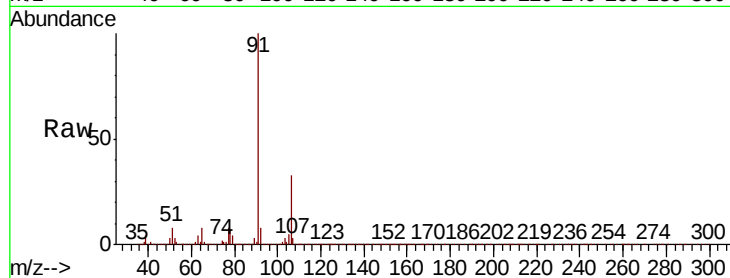
BFB

Tot Ion: 91 Resp: 1801393

Ion Ratio Lower Upper

91 100

106 32.7 25.8 38.6



#68

m/p-Xylenes

Concen: 100.588 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015327.D

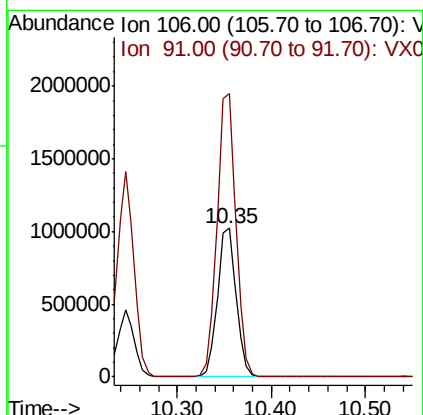
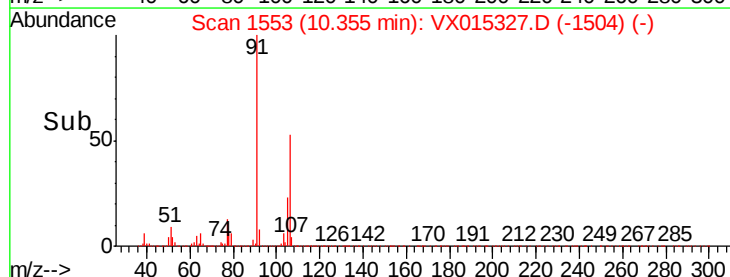
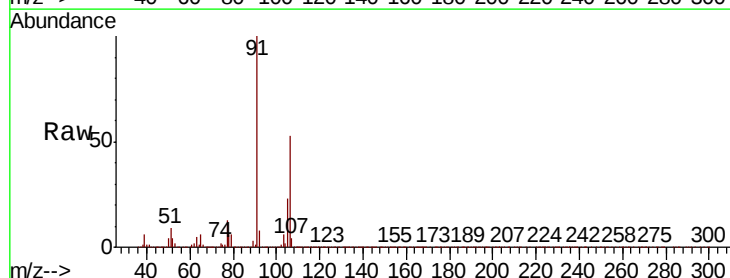
Acq: 18 Mar 2020 15:22

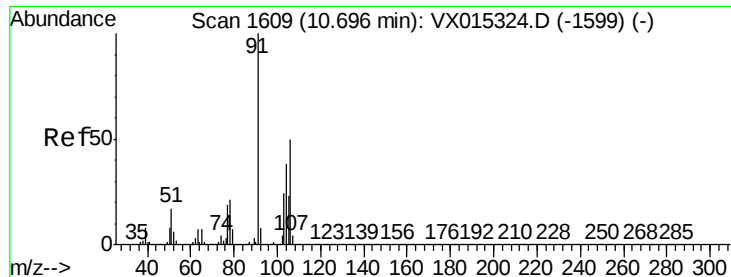
Tgt Ion: 106 Resp: 1405007

Ion Ratio Lower Upper

106 100

91 192.8 155.1 232.7

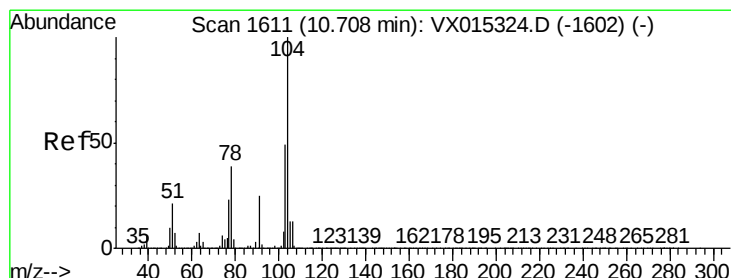
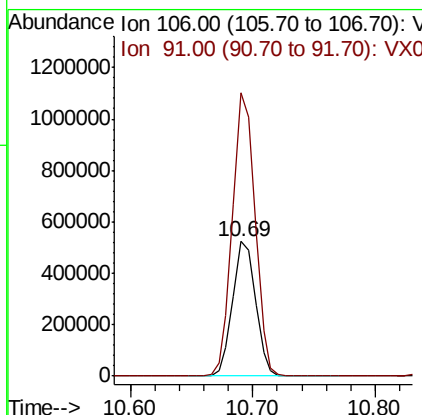
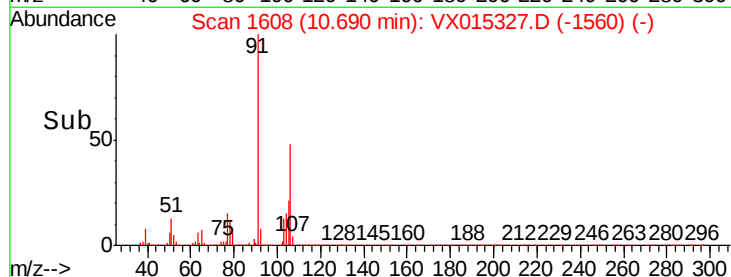
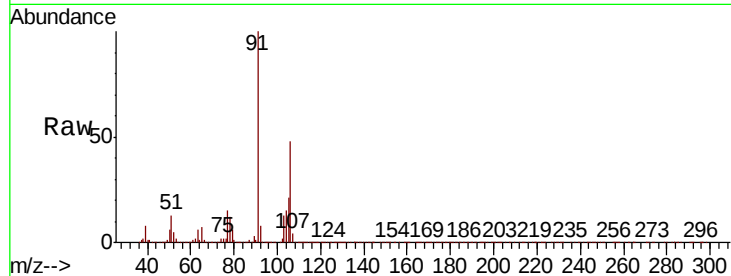




#69
o-Xylene
Concen: 50.477 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

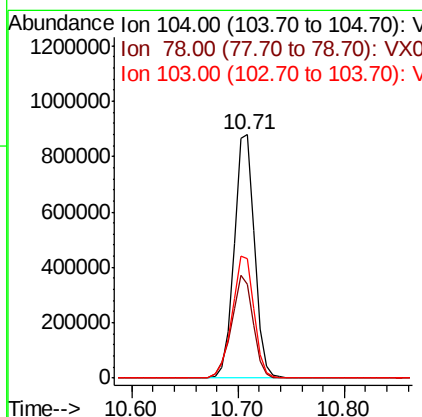
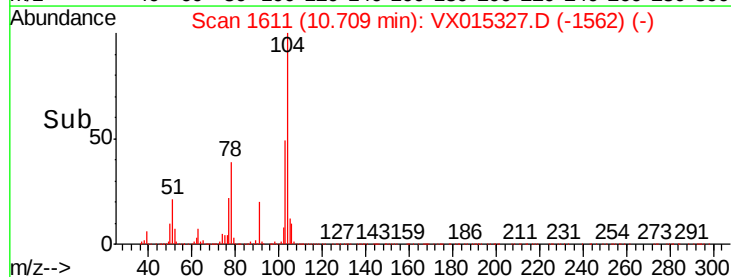
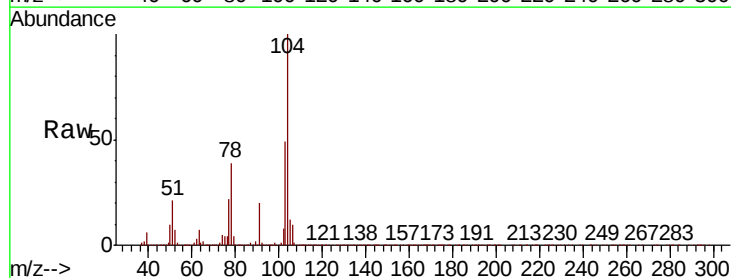
Instrument :
MSVOA_X
ClientSampleId :
BFB

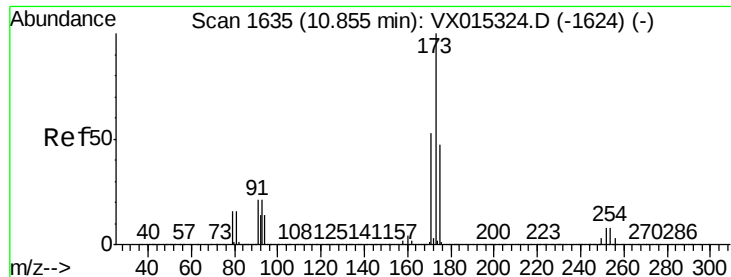
Tot Ion:106 Resp: 678030
Ion Ratio Lower Upper
106 100
91 207.6 102.3 306.9



#70
Styrene
Concen: 52.750 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion:104 Resp: 1181149
Ion Ratio Lower Upper
104 100
78 44.6 36.0 54.0
103 53.7 43.4 65.0





#71

Bromoform

Concen: 50.155 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

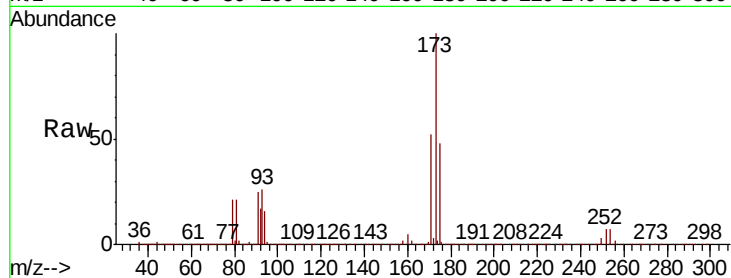
Tot Ion:173 Resp: 254727

Ion Ratio Lower Upper

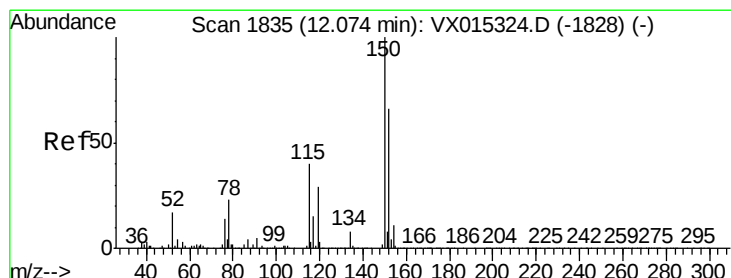
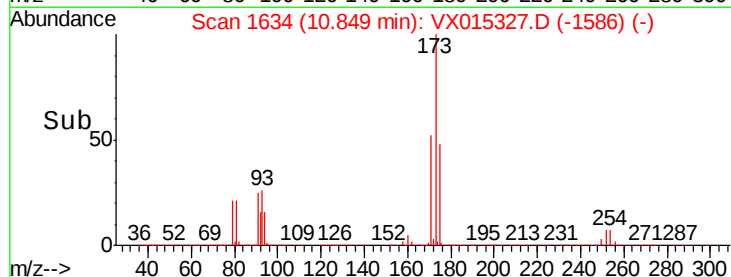
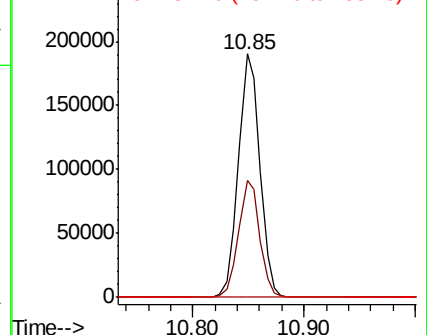
173 100

175 47.3 23.4 70.2

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

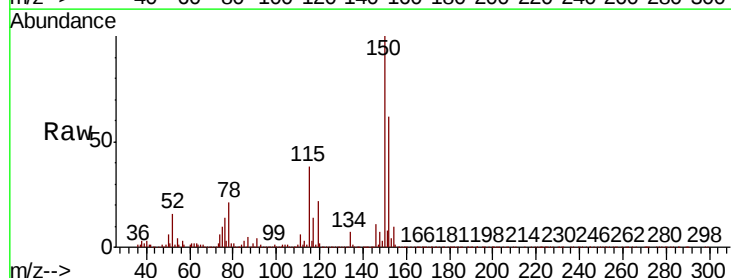
Tgt Ion:152 Resp: 482667

Ion Ratio Lower Upper

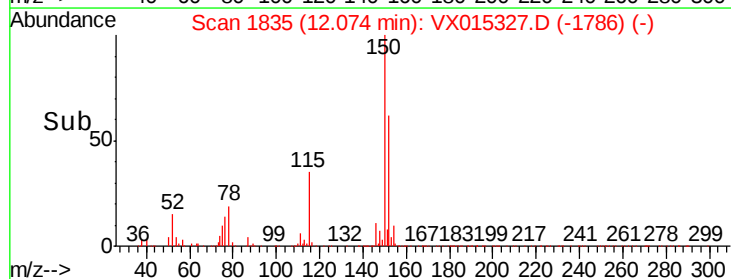
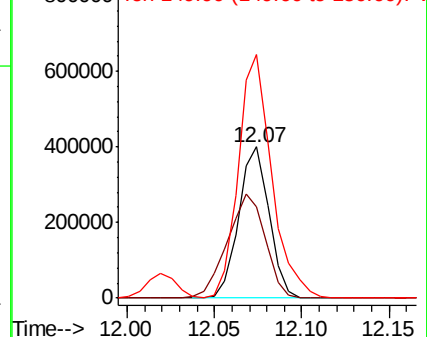
152 100

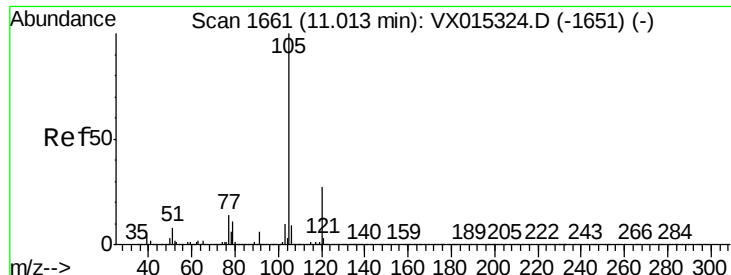
115 85.5 41.9 125.8

150 176.9 0.0 347.6



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: 49.931 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

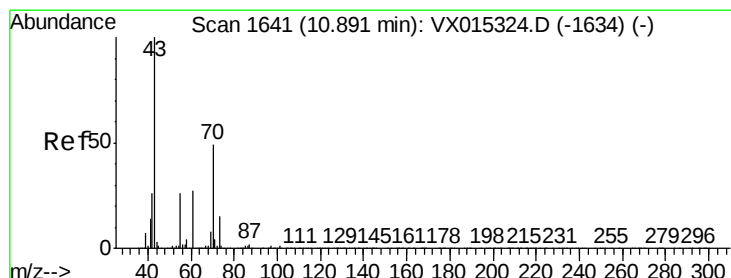
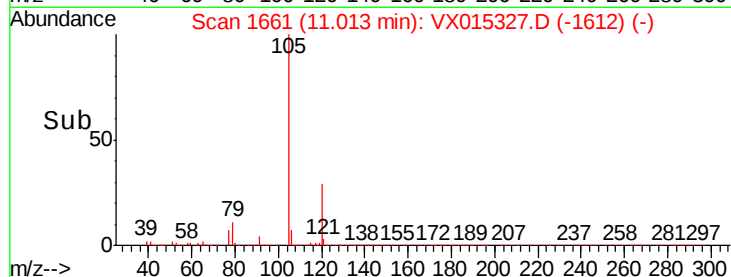
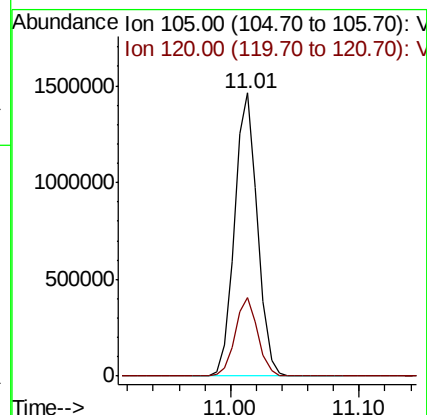
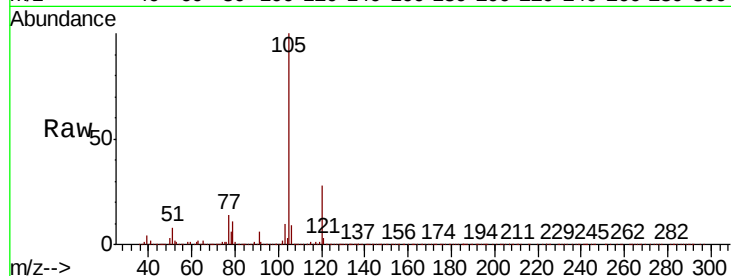
BFB

Tot Ion:105 Resp: 1814446

Ion Ratio Lower Upper

105 100

120 27.3 13.9 41.6



#74

N-ethyl acetate

Concen: 52.532 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Tgt Ion: 43 Resp: 652554

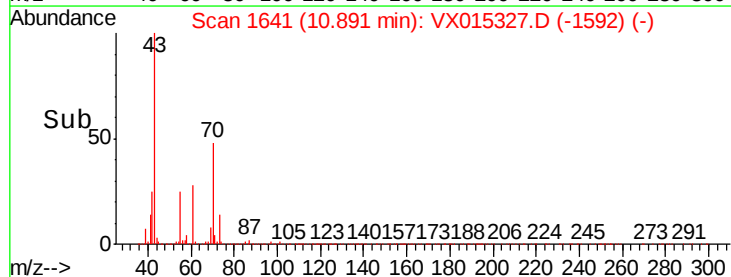
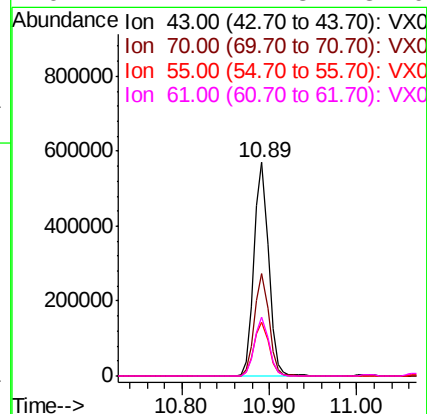
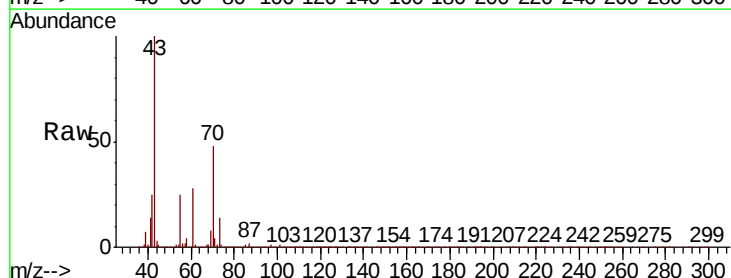
Ion Ratio Lower Upper

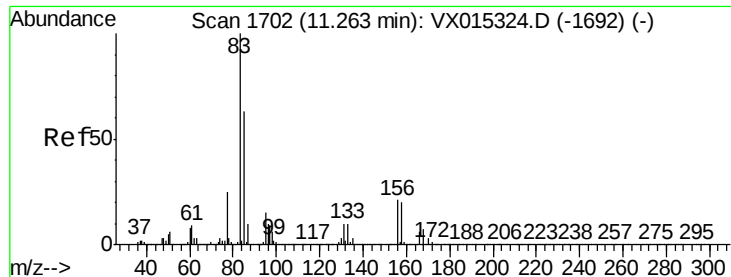
43 100

70 47.4 38.6 58.0

55 25.6 21.2 31.8

61 27.2 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 48.302 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampled :

BFB

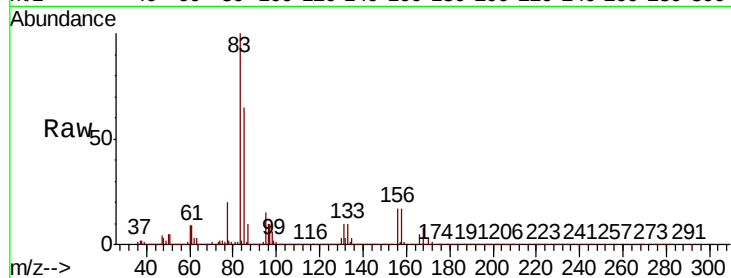
Tot Ion: 83 Resp: 543483

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

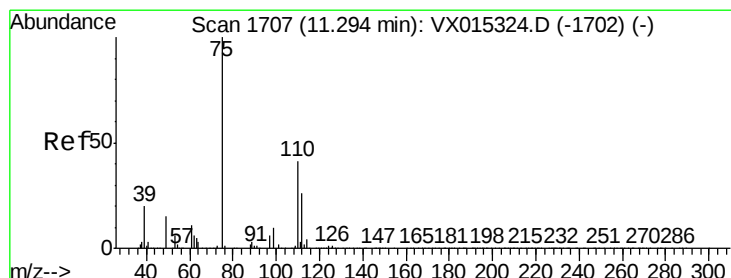
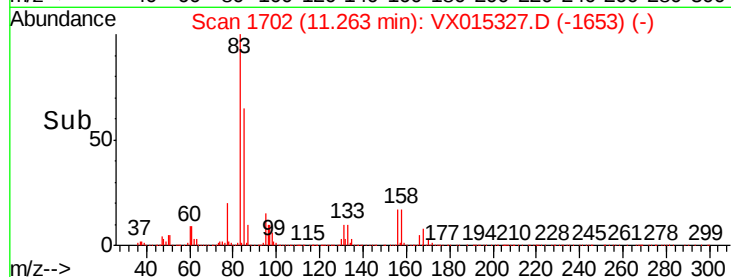
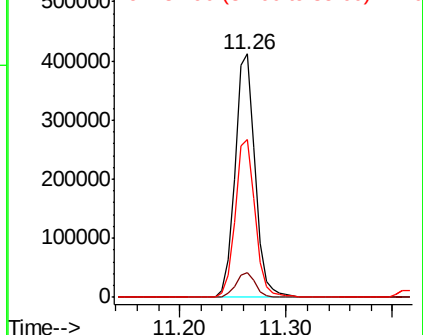
85 64.6 32.0 96.0



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: 62.861 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX015327.D

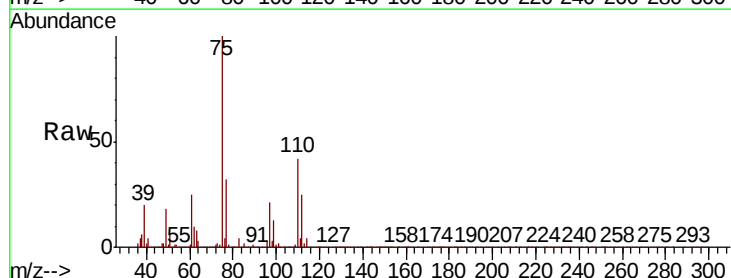
Acq: 18 Mar 2020 15:22

Tgt Ion: 75 Resp: 620029

Ion Ratio Lower Upper

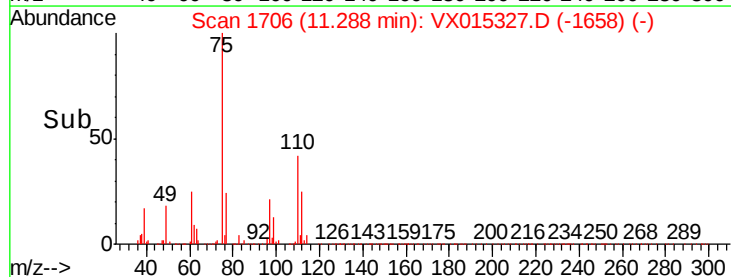
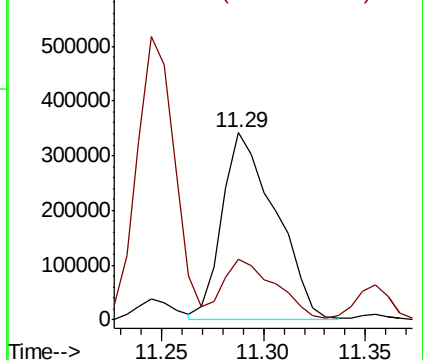
75 100

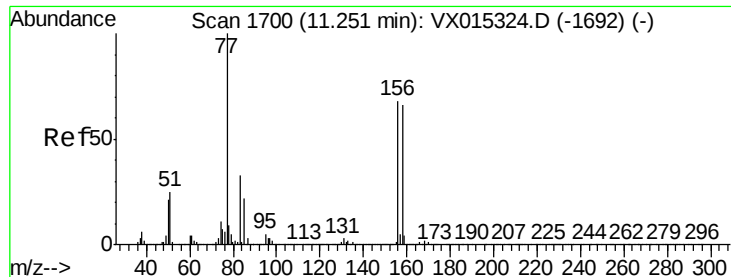
77 32.0 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.465 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

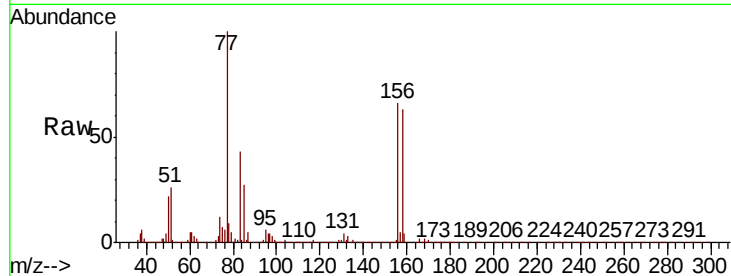
Tot Ion:156 Resp: 400695

Ion Ratio Lower Upper

156 100

77 166.5 81.4 244.2

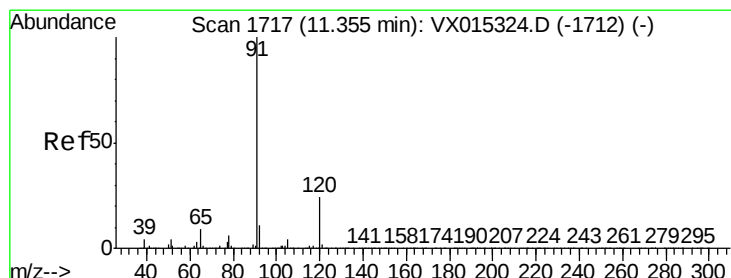
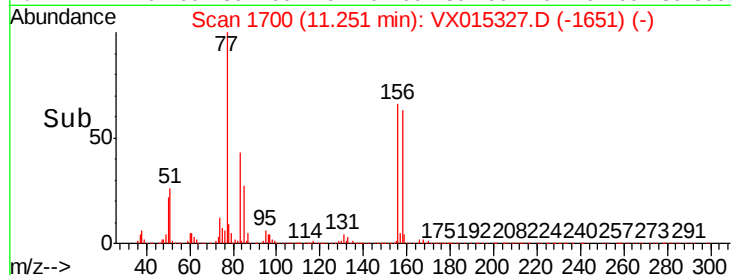
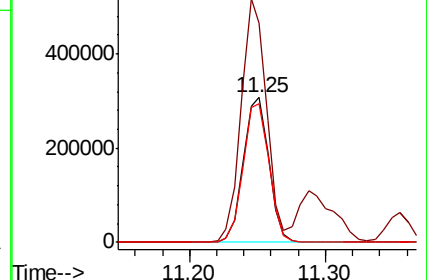
158 97.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.133 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015327.D

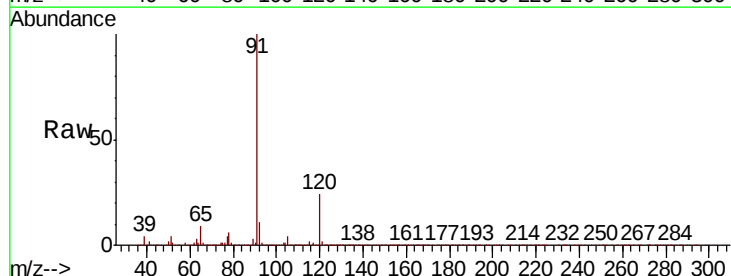
Acq: 18 Mar 2020 15:22

Tgt Ion: 91 Resp: 2072129

Ion Ratio Lower Upper

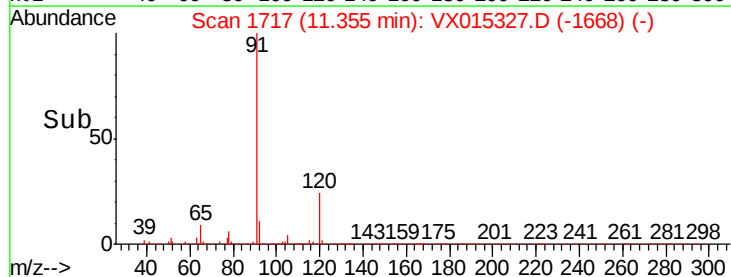
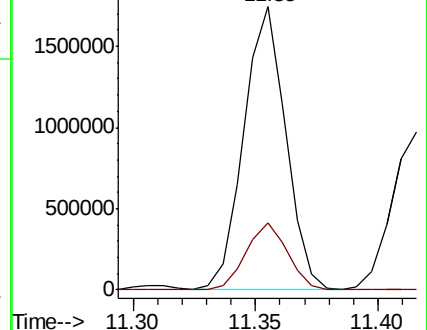
91 100

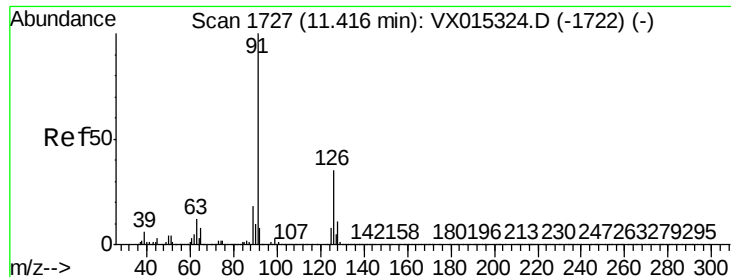
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.614 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

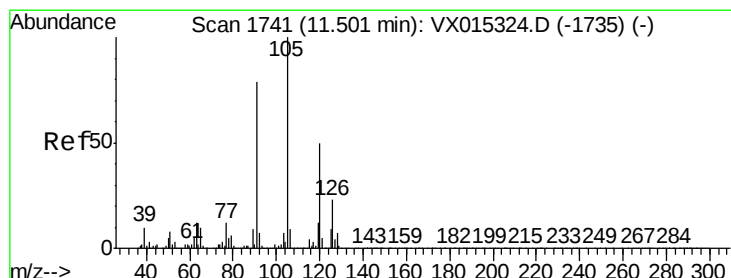
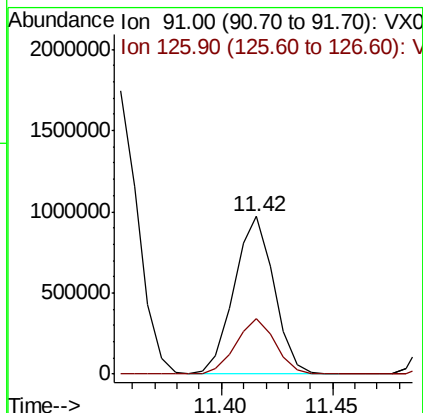
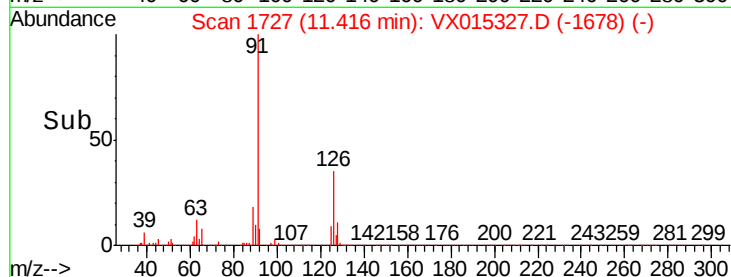
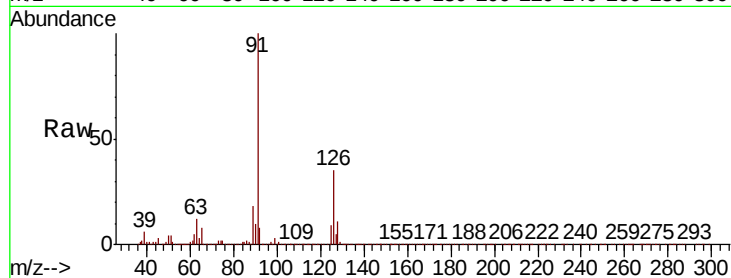
BFB

Tot Ion: 91 Resp: 1206939

Ion Ratio Lower Upper

91 100

126 34.8 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 52.248 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015327.D

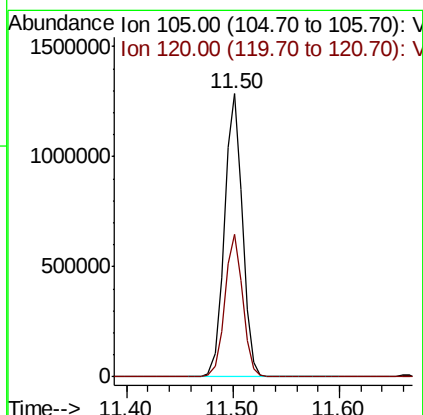
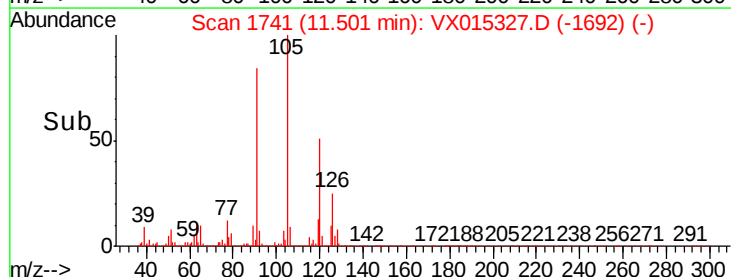
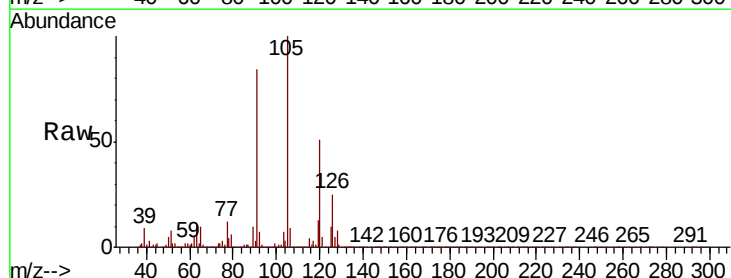
Acq: 18 Mar 2020 15:22

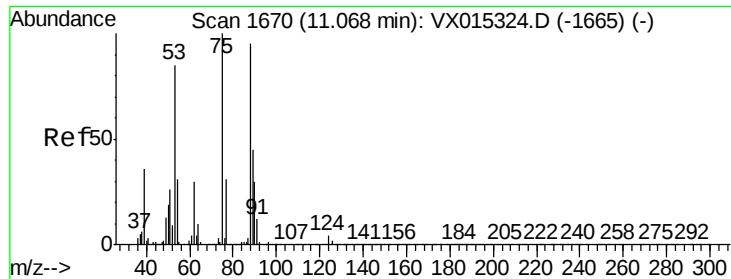
Tgt Ion: 105 Resp: 1513473

Ion Ratio Lower Upper

105 100

120 50.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.799 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

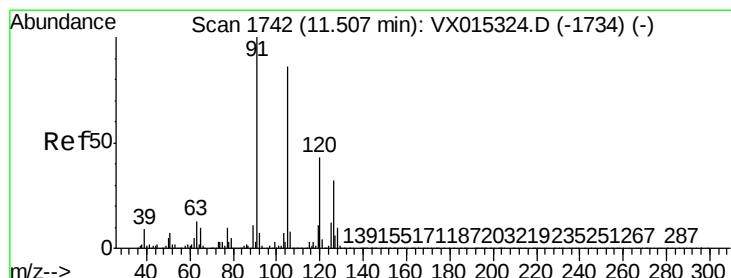
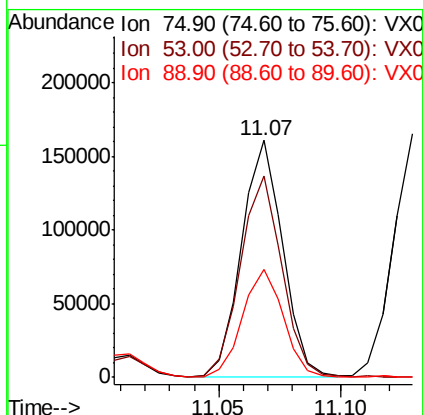
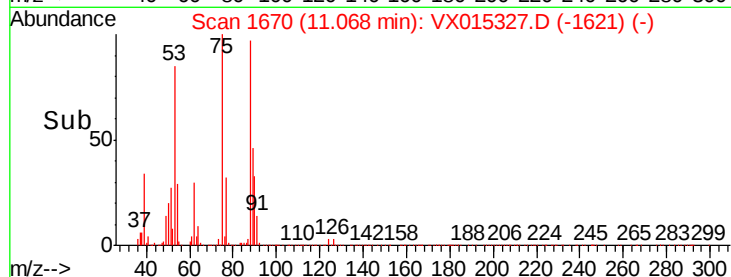
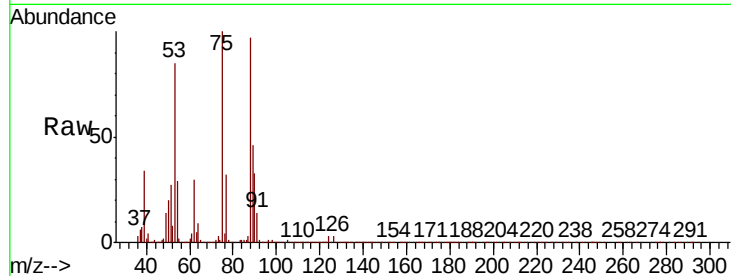
Tot Ion: 75 Resp: 186896

Ion Ratio Lower Upper

75 100

53 86.3 68.0 102.0

89 45.3 37.1 55.7



#82

4-Chlorotoluene

Concen: 51.035 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX015327.D

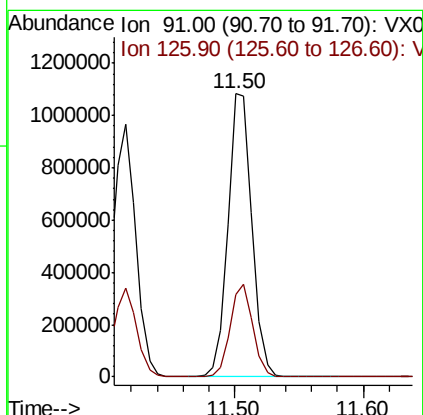
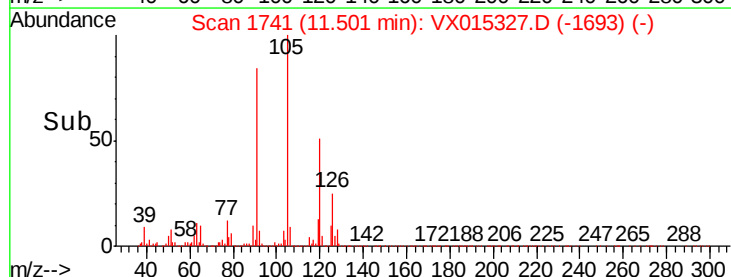
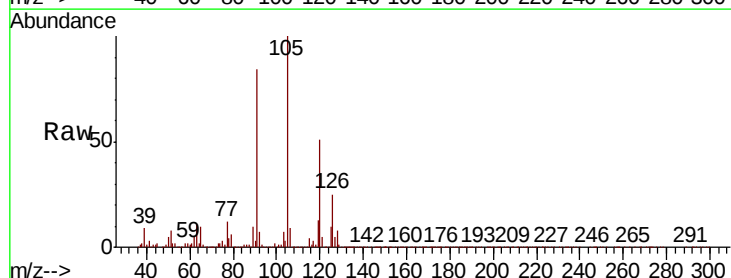
Acq: 18 Mar 2020 15:22

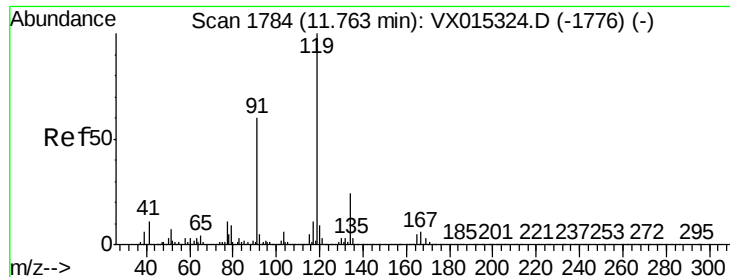
Tgt Ion: 91 Resp: 1410710

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.2





#83

tert-Butylbenzene

Concen: 51.068 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

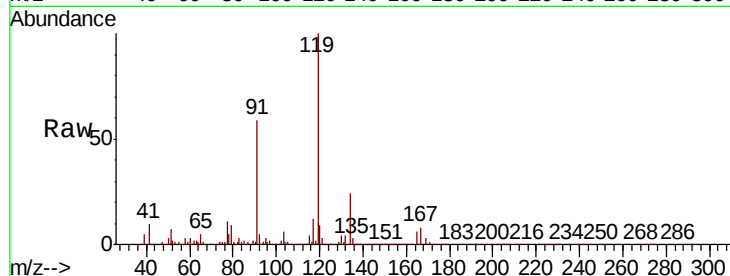
Tot Ion:119 Resp: 1456602

Ion Ratio Lower Upper

119 100

91 55.8 28.1 84.4

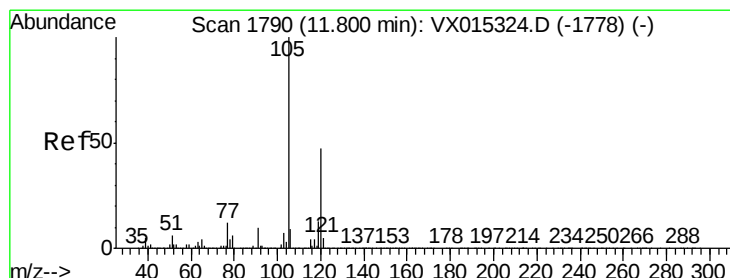
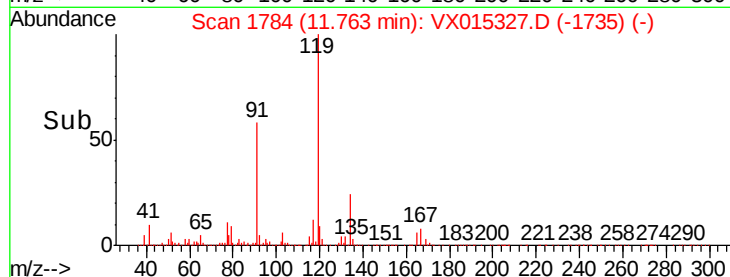
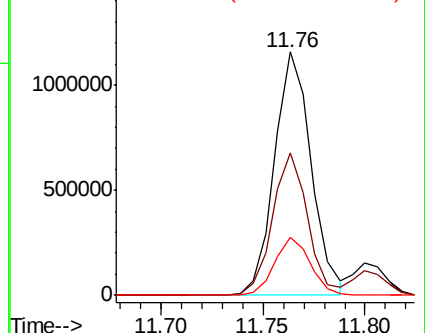
134 23.2 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.867 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015327.D

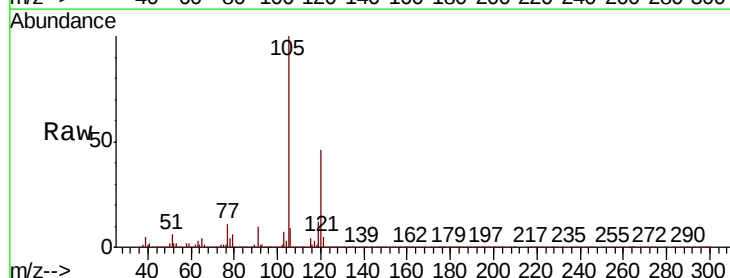
Acq: 18 Mar 2020 15:22

Tgt Ion:105 Resp: 1555560

Ion Ratio Lower Upper

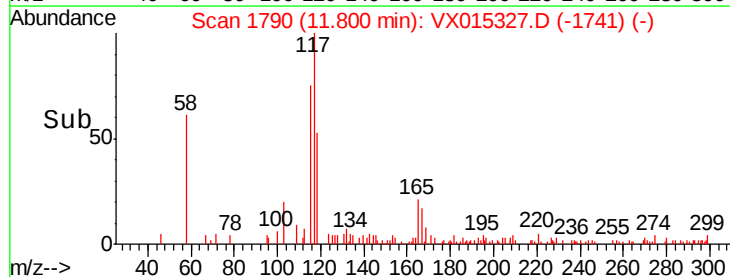
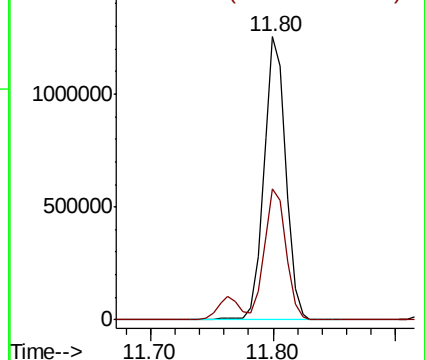
105 100

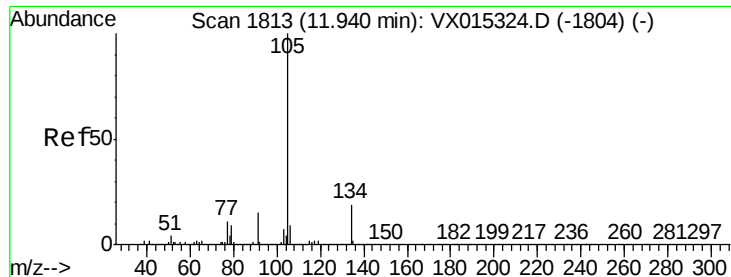
120 45.8 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.618 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

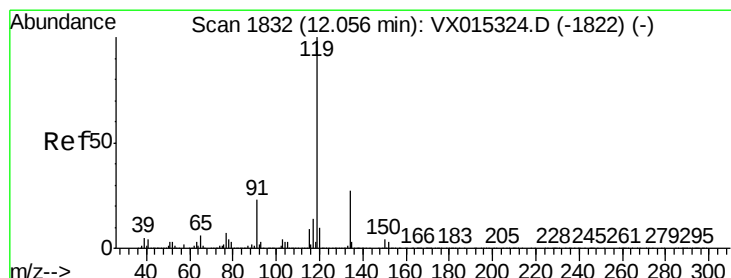
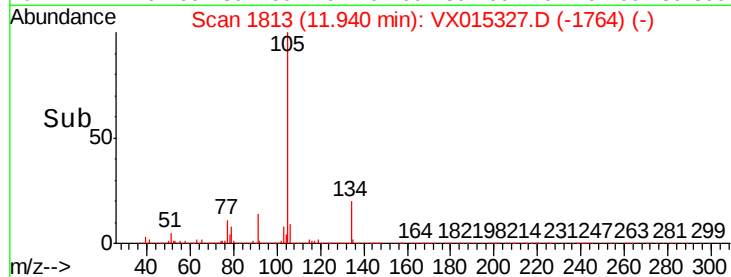
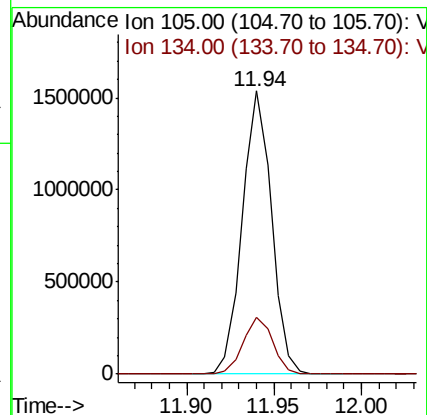
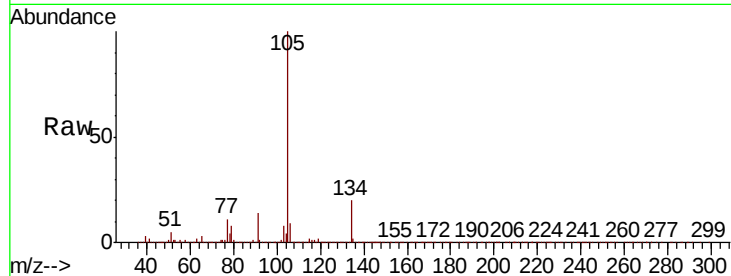
BFB

Tot Ion:105 Resp: 1784737

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.5



#86

p-Isopropyltoluene

Concen: 53.939 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

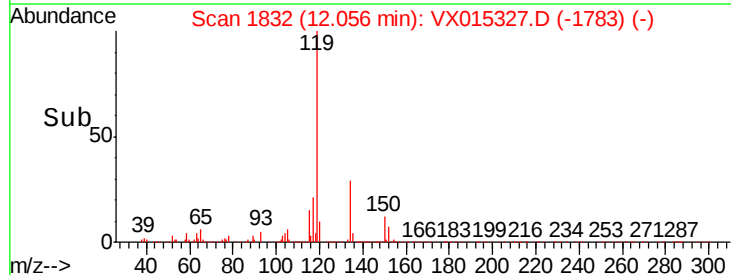
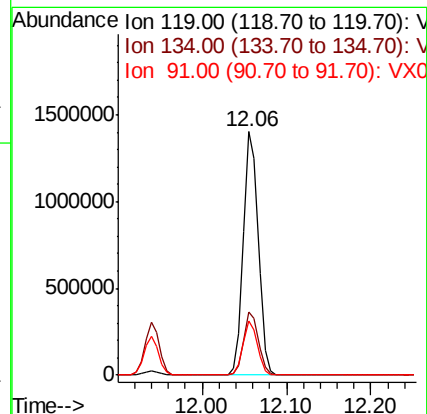
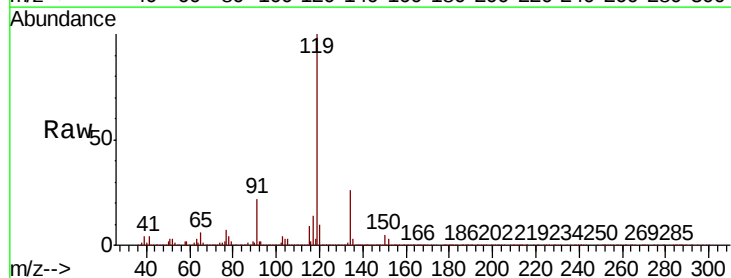
Tgt Ion:119 Resp: 1659306

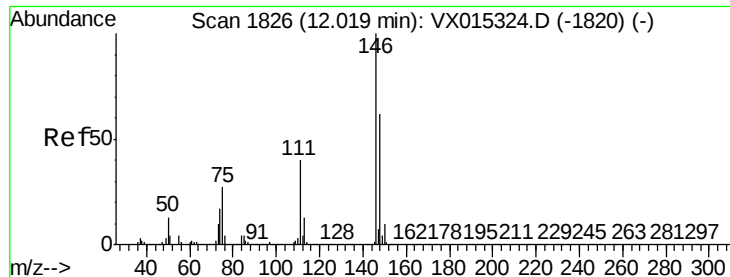
Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.6

91 21.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 49.573 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

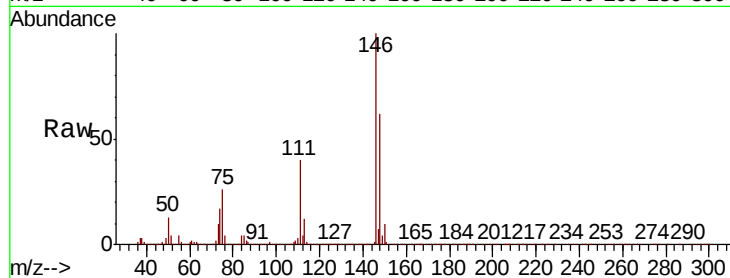
Tot Ion:146 Resp: 795573

Ion Ratio Lower Upper

146 100

111 40.9 20.3 61.0

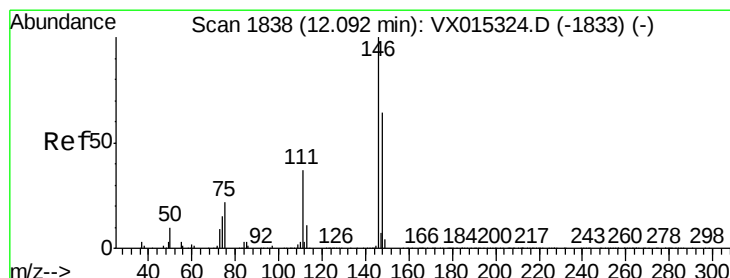
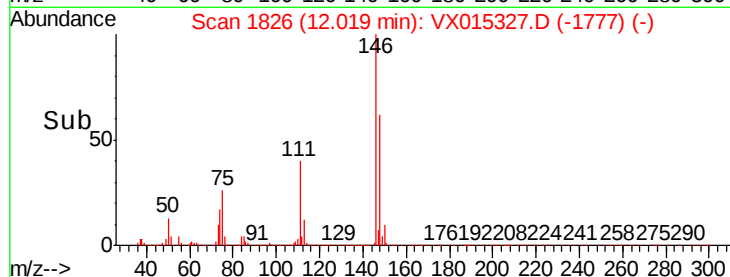
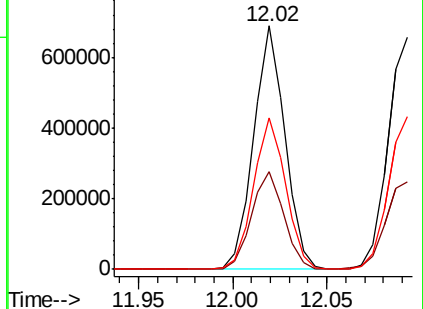
148 63.9 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.973 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

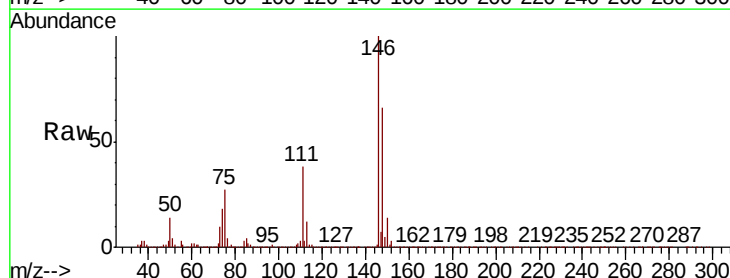
Tgt Ion:146 Resp: 801887

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.1

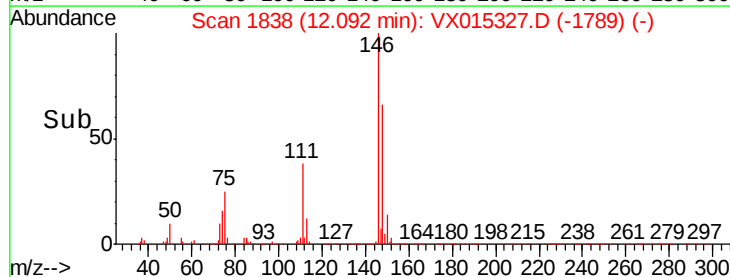
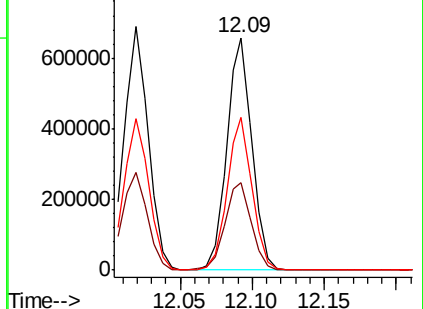
148 65.0 32.0 96.0

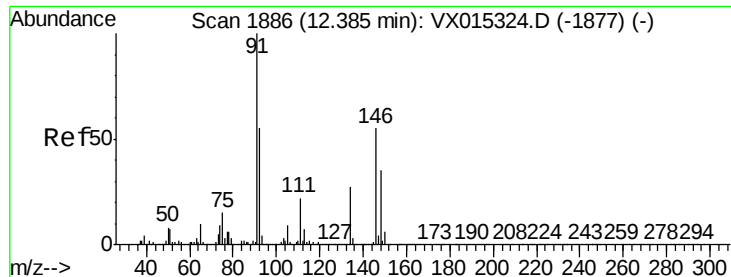


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.564 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

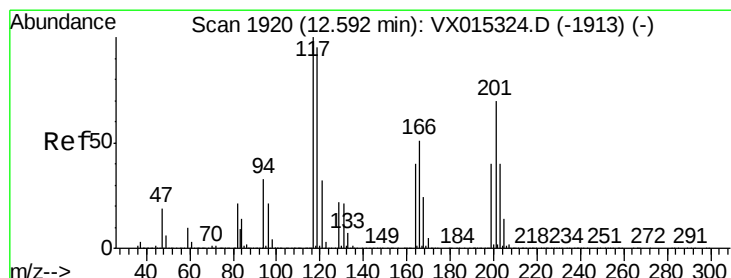
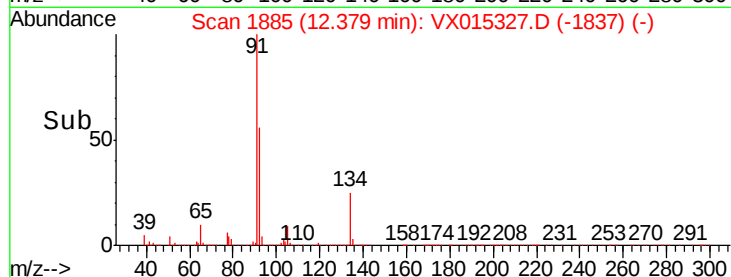
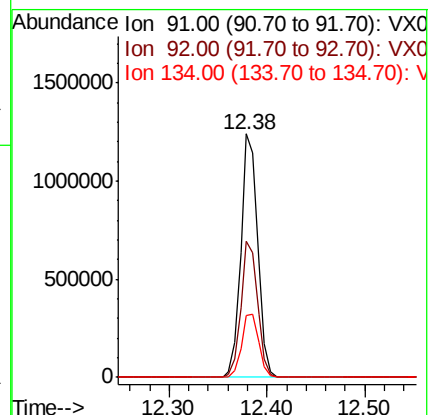
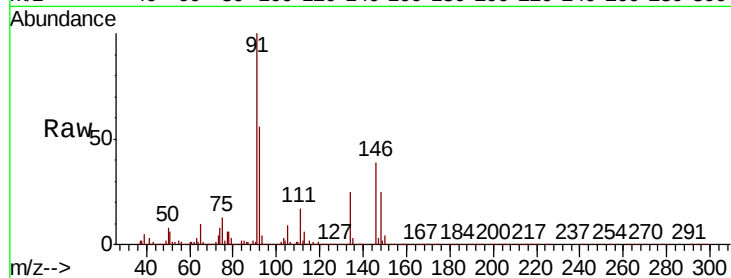
Tot Ion: 91 Resp: 1468790

Ion Ratio Lower Upper

91 100

92 55.4 27.5 82.4

134 26.7 13.2 39.6



#90

Hexachloroethane

Concen: 49.270 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015327.D

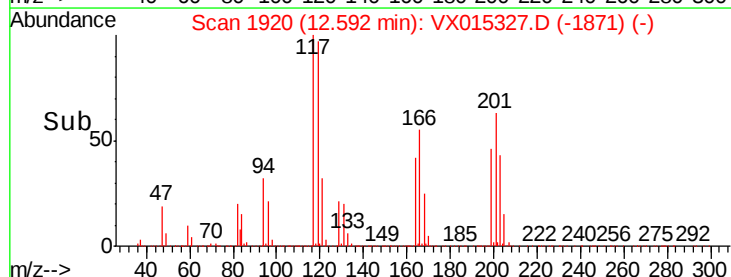
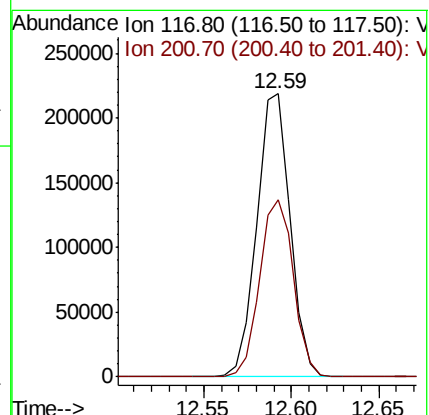
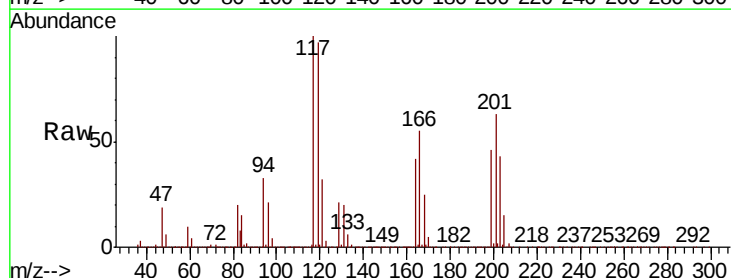
Acq: 18 Mar 2020 15:22

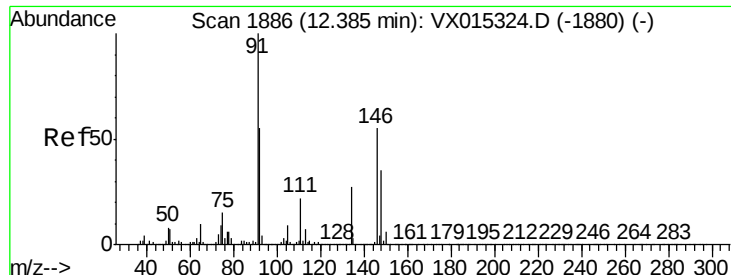
Tgt Ion: 117 Resp: 292432

Ion Ratio Lower Upper

117 100

201 63.4 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 49.112 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

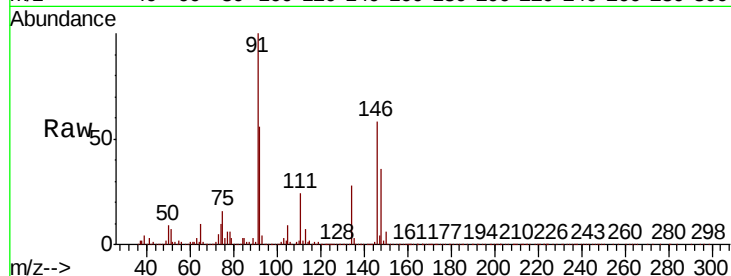
Tot Ion:146 Resp: 790564

Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.8

148 63.8 31.6 94.8

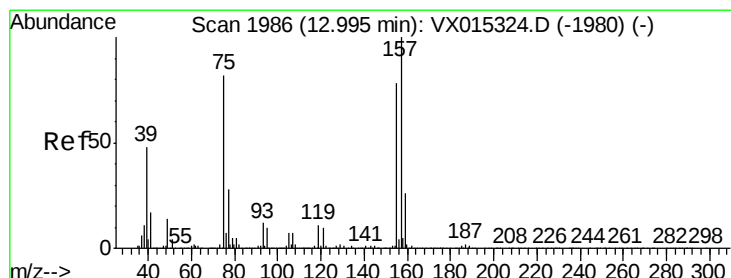
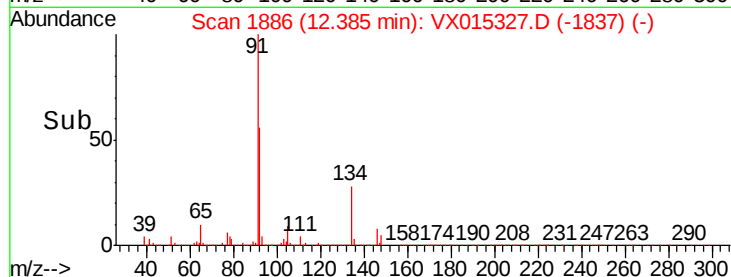
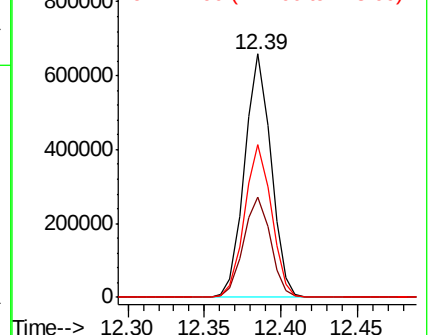


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.630 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

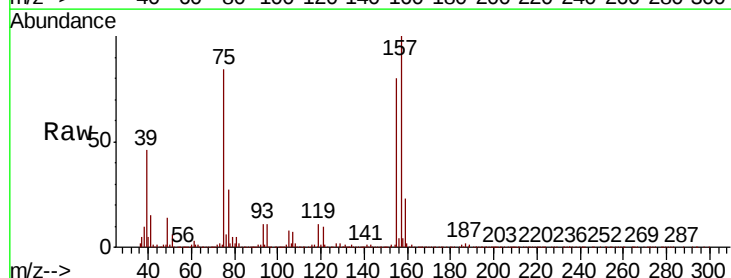
Tgt Ion: 75 Resp: 114911

Ion Ratio Lower Upper

75 100

155 90.0 48.9 146.7

157 115.3 61.1 183.3

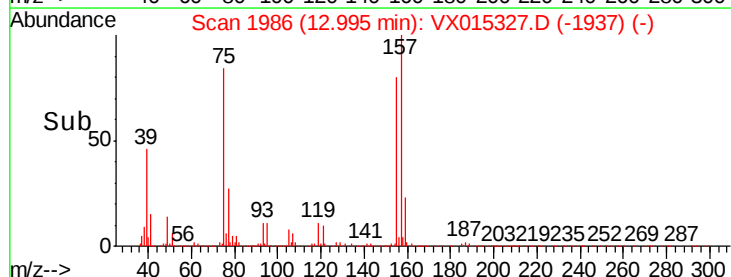
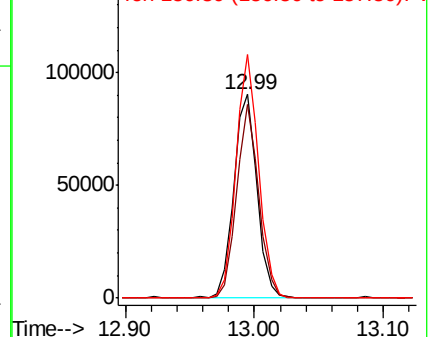


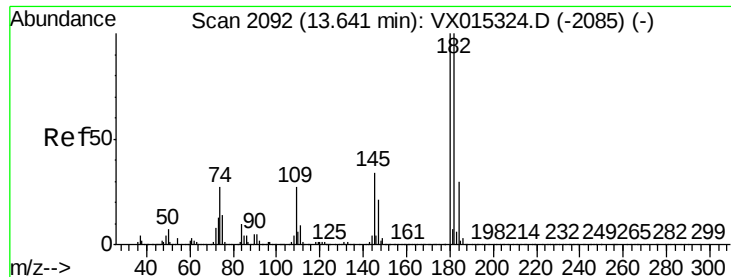
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

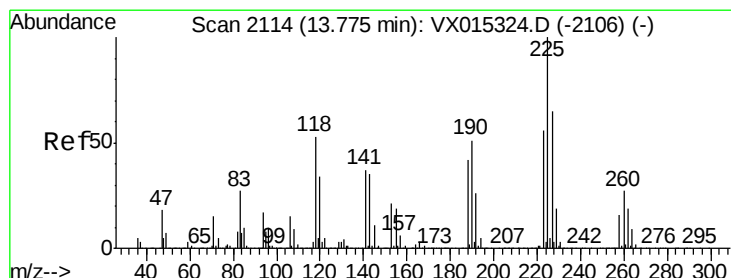
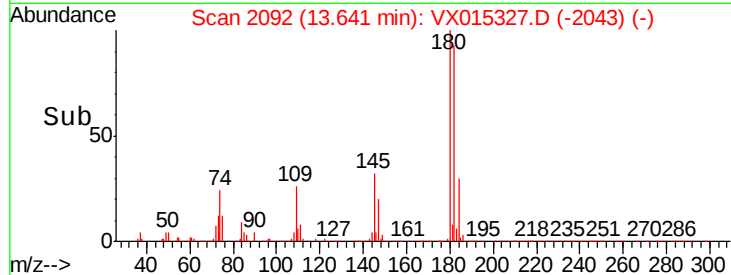
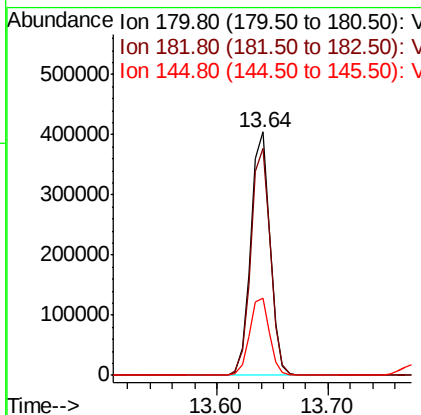
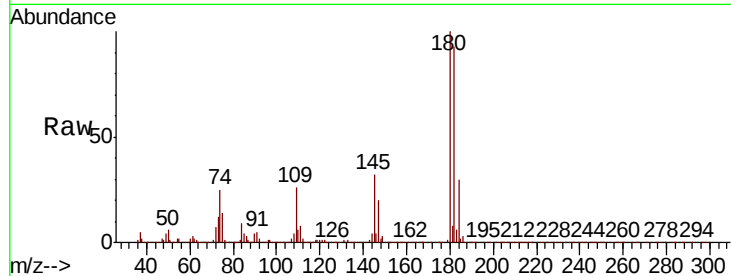




#93
 1,2,4-Trichlorobenzene
 Concen: 50.583 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

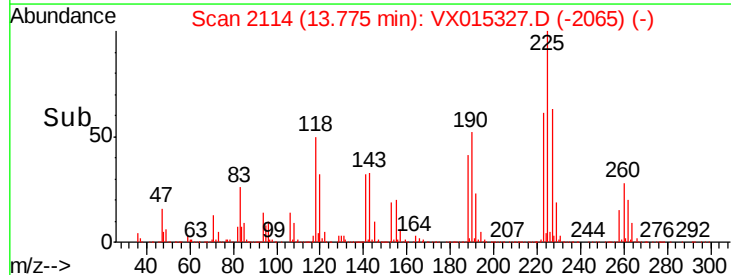
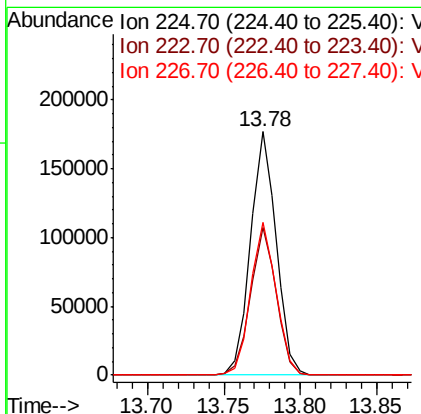
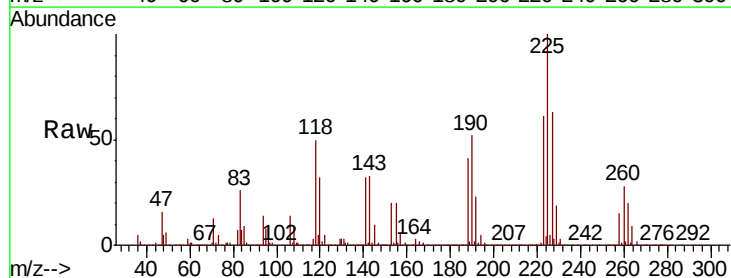
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

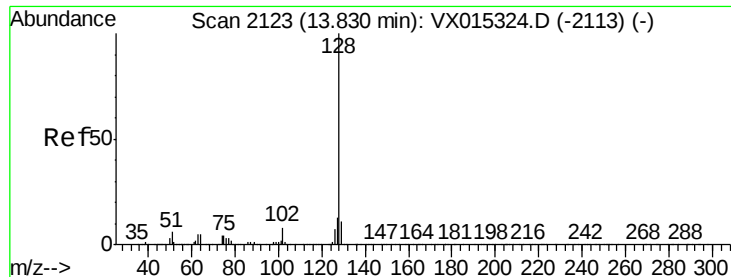
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.6	145.9
145	32.8	16.7	50.1



#94
 Hexachlorobutadiene
 Concen: 50.920 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	30.6	91.6
227	62.1	32.3	96.8

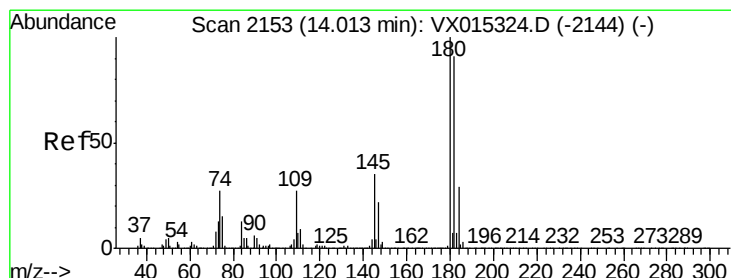
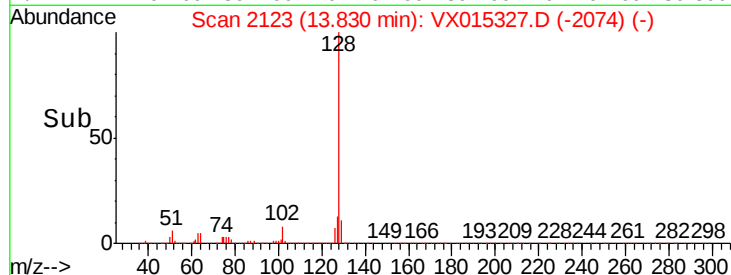
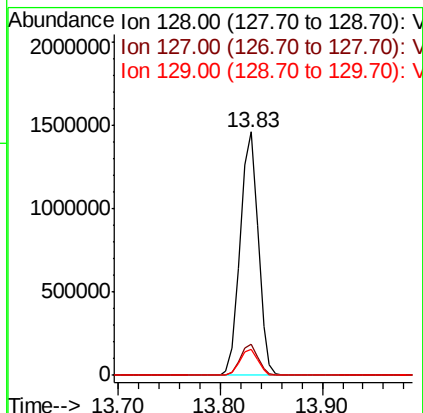
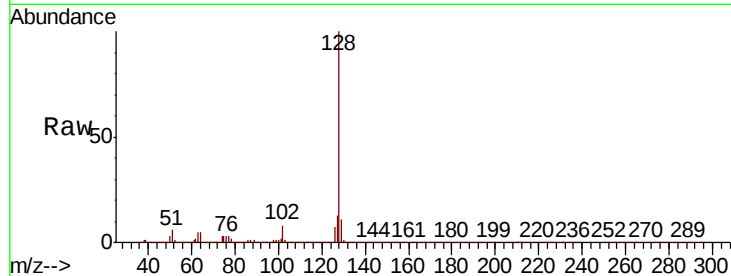




#95
Naphthalene
Concen: 55.405 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion:128 Resp: 1768681
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.436 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion:180 Resp: 513854
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.0
145 34.0 17.6 52.8

