

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016769.D
 Acq On : 16 Jun 2020 10:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Jun 17 03:53:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	255545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	383933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	357183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180854	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	147778	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	5.46	113	118467	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	8.70	98	452393	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.12	95	170416	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	146554	50.761	ug/l	99
3) Chloromethane	1.31	50	137317	49.225	ug/l	99
4) Vinyl Chloride	1.39	62	150819	50.668	ug/l	98
5) Bromomethane	1.62	94	82059	44.390	ug/l	98
6) Chloroethane	1.70	64	91909	50.126	ug/l	99
7) Trichlorofluoromethane	1.91	101	218505	50.969	ug/l	100
8) Diethyl Ether	2.17	74	83931	47.942	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	118086	54.141	ug/l	98
10) Methyl Iodide	2.49	142	134747	49.428	ug/l	99
11) Tert butyl alcohol	3.01	59	174036	241.013	ug/l	100
12) 1,1-Dichloroethene	2.35	96	120526	48.256	ug/l	99
13) Acrolein	2.27	56	78214	254.343	ug/l	98
14) Allyl chloride	2.70	41	191719	49.079	ug/l	98
15) Acrylonitrile	3.11	53	373740	255.066	ug/l	99
16) Acetone	2.42	43	318298	244.124	ug/l	98
17) Carbon Disulfide	2.55	76	330255	46.169	ug/l	100
18) Methyl Acetate	2.75	43	185199	53.216	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	427827	50.258	ug/l	99
20) Methylene Chloride	2.83	84	133657	47.591	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	128131	47.739	ug/l	97
22) Diisopropyl ether	3.82	45	368577	50.232	ug/l	95
23) Vinyl Acetate	3.78	43	1612452	254.249	ug/l	99
24) 1,1-Dichloroethane	3.67	63	220081	47.956	ug/l	99
25) 2-Butanone	4.63	43	500484	254.697	ug/l	99
26) 2,2-Dichloropropane	4.54	77	203688	47.933	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	145963	47.580	ug/l	99
28) Bromochloromethane	4.98	49	93817	47.922	ug/l	99
29) Tetrahydrofuran	5.08	42	326163	256.223	ug/l	99
30) Chloroform	5.17	83	233962	48.188	ug/l	100
31) Cyclohexane	5.54	56	190565	51.546	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	215605	48.938	ug/l	100
36) 1,1-Dichloropropene	5.76	75	169284	49.893	ug/l	99
37) Ethyl Acetate	4.79	43	191517	51.543	ug/l	98
38) Carbon Tetrachloride	5.75	117	196604	51.022	ug/l	98

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Quant Time: Jun 17 03:53:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	202879	51.535	ug/l	97
40) Benzene	6.11	78	514486	49.803	ug/l	99
41) Methacrylonitrile	5.00	41	103514	52.249	ug/l	98
42) 1,2-Dichloroethane	6.16	62	188622	50.027	ug/l	100
43) Isopropyl Acetate	6.41	43	302736	51.986	ug/l	100
44) Trichloroethene	7.18	130	181131	56.685	ug/l	99
45) 1,2-Dichloropropane	7.49	63	128149	50.605	ug/l	98
46) Dibromomethane	7.63	93	93168	50.479	ug/l	99
47) Bromodichloromethane	7.87	83	194293	50.494	ug/l	98
48) Methyl methacrylate	7.74	41	148201	53.694	ug/l	98
49) 1,4-Dioxane	7.71	88	68637	1004.867	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	953738	265.779	ug/l	100
52) Toluene	8.76	92	337544	50.304	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	223130	51.341	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	229802	50.691	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	136992	50.766	ug/l	97
56) Ethyl methacrylate	9.16	69	219165	54.245	ug/l	100
57) 1,3-Dichloropropane	9.35	76	230158	50.739	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	543983	273.830	ug/l	100
59) 2-Hexanone	9.47	43	745723	269.198	ug/l	99
60) Dibromochloromethane	9.57	129	164273	51.508	ug/l	100
61) 1,2-Dibromoethane	9.65	107	150490	51.171	ug/l	99
64) Tetrachloroethene	9.32	164	211609	61.696	ug/l	99
65) Chlorobenzene	10.12	112	365790	50.470	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	146907	50.810	ug/l	99
67) Ethyl Benzene	10.23	91	635341	51.855	ug/l	100
68) m/p-Xylenes	10.34	106	490085	105.496	ug/l	99
69) o-Xylene	10.68	106	228516	51.060	ug/l	96
70) Styrene	10.69	104	407437	52.663	ug/l	99
71) Bromoform	10.84	173	131651	53.367	ug/l #	99
73) Isopropylbenzene	11.00	105	632842	53.328	ug/l	99
74) N-amyl acetate	10.88	43	258702	56.090	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	141996	40.677	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	258950	68.086	ug/l	87
77) Bromobenzene	11.24	156	168679	50.342	ug/l	99
78) n-propylbenzene	11.34	91	699181	54.253	ug/l	99
79) 2-Chlorotoluene	11.40	91	423097	51.918	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	543157	54.601	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	78065	51.673	ug/l	98
82) 4-Chlorotoluene	11.49	91	495050	51.898	ug/l	100
83) tert-Butylbenzene	11.76	119	460294	50.568	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	551546	54.808	ug/l	99
85) sec-Butylbenzene	11.93	105	577188	54.210	ug/l	100
86) p-Isopropyltoluene	12.05	119	563769	55.185	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	285616	50.421	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	289977	49.362	ug/l	99
89) n-Butylbenzene	12.37	91	457234	54.217	ug/l	99
90) Hexachloroethane	12.58	117	96906	51.439	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	280594	49.533	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50135	51.358	ug/l	99

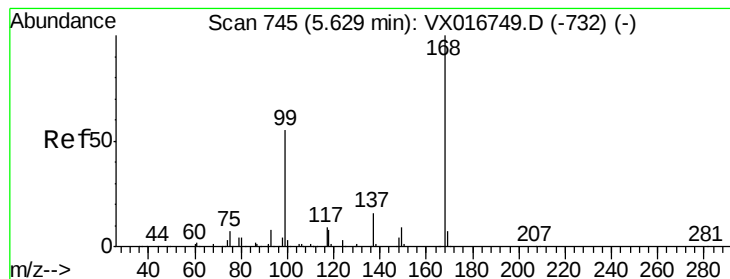
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
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Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	202885	51.143	ug/l	97
94) Hexachlorobutadiene	13.77	225	88212	50.527	ug/l	99
95) Naphthalene	13.82	128	663129	53.358	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	198662	50.879	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

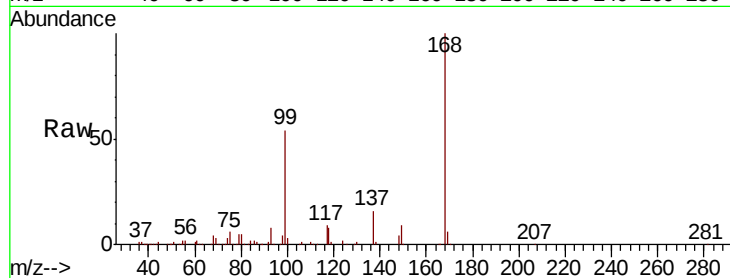
BFB

Tot Ion:168 Resp: 255545

Ion Ratio Lower Upper

168 100

99 54.3 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

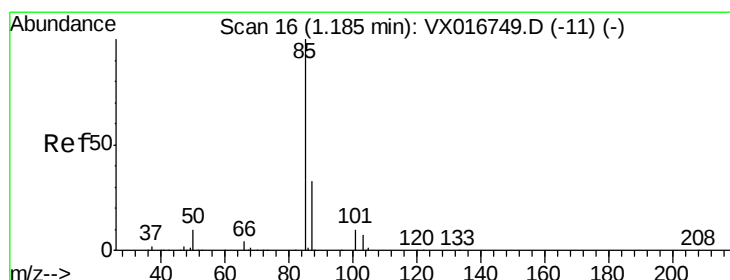
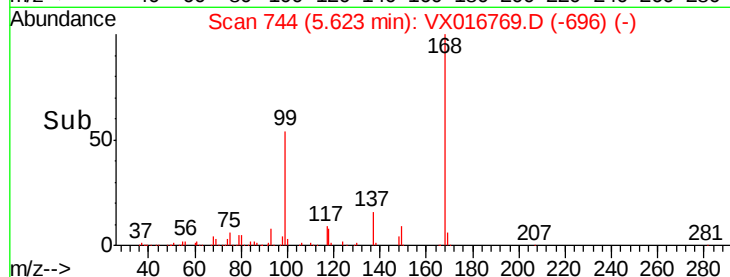
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.761 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016769.D

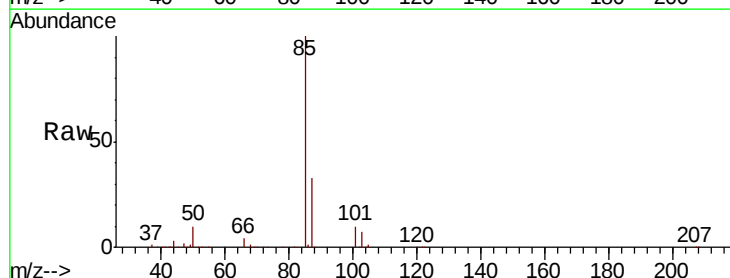
Acq: 16 Jun 2020 10:59

Tgt Ion: 85 Resp: 146554

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

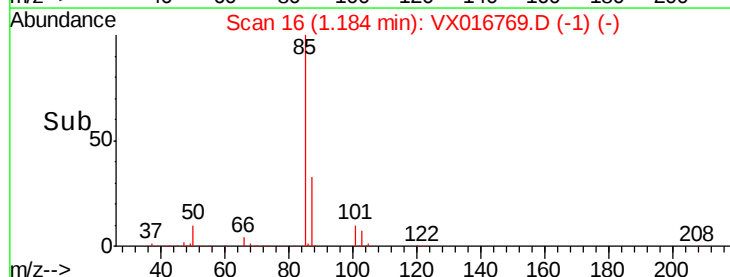
150000

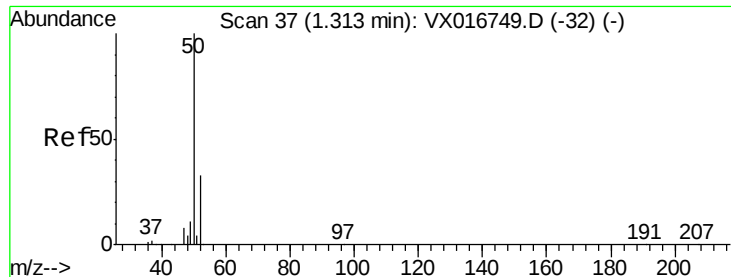
100000

50000

0

Time-->





#3

Chloromethane

Concen: 49.225 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

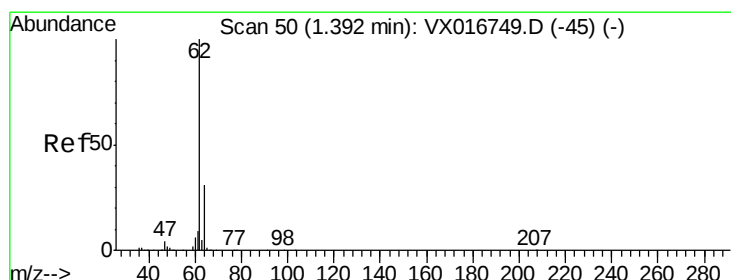
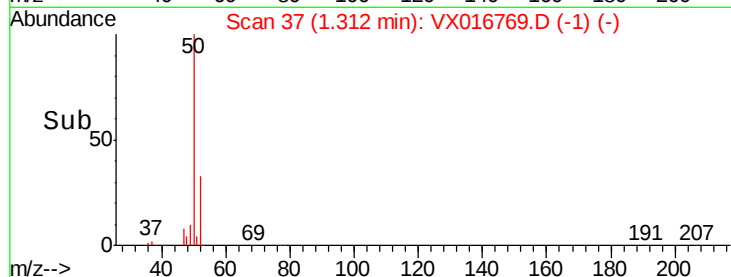
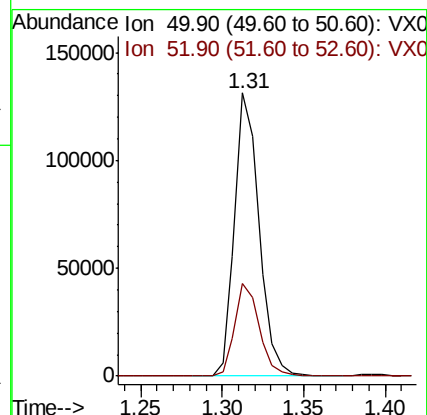
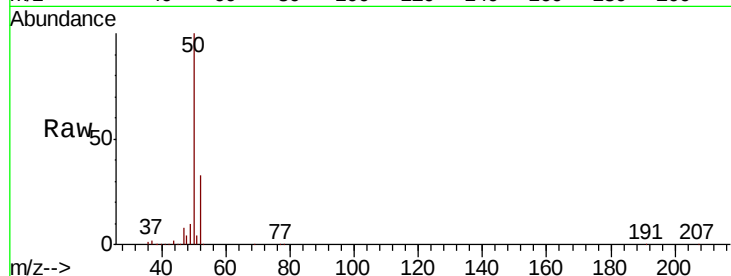
BFB

Tot Ion: 50 Resp: 137317

Ion Ratio Lower Upper

50 100

52 32.6 26.5 39.7



#4

Vinyl Chloride

Concen: 50.668 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016769.D

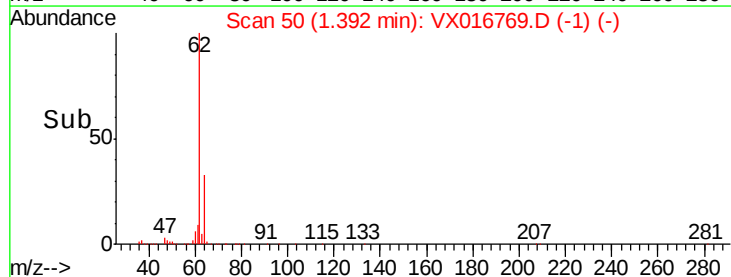
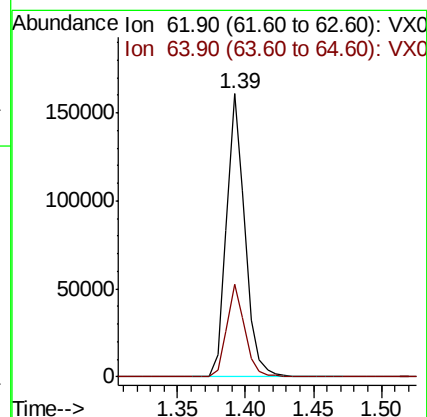
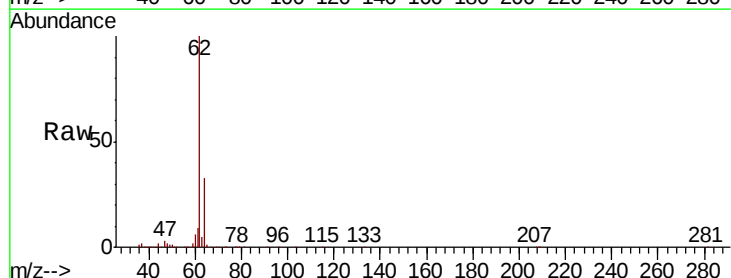
Acq: 16 Jun 2020 10:59

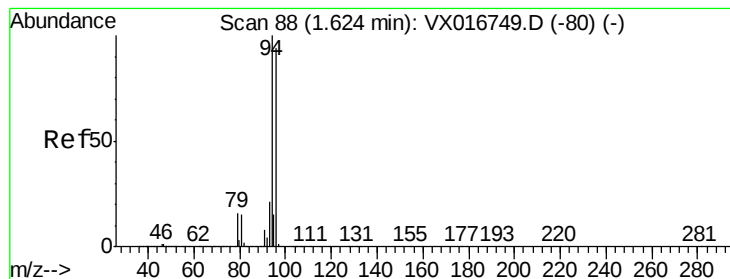
Tgt Ion: 62 Resp: 150819

Ion Ratio Lower Upper

62 100

64 32.6 25.1 37.7





#5

Bromomethane

Concen: 44.390 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

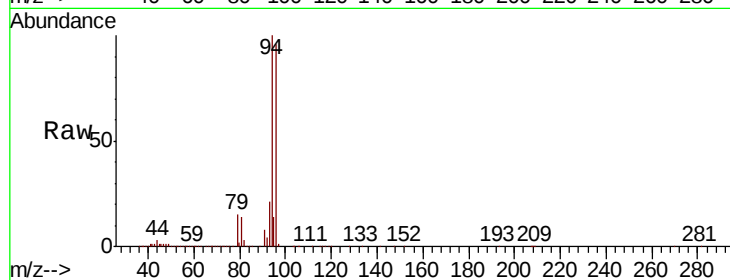
BFB

Tot Ion: 94 Resp: 82059

Ion Ratio Lower Upper

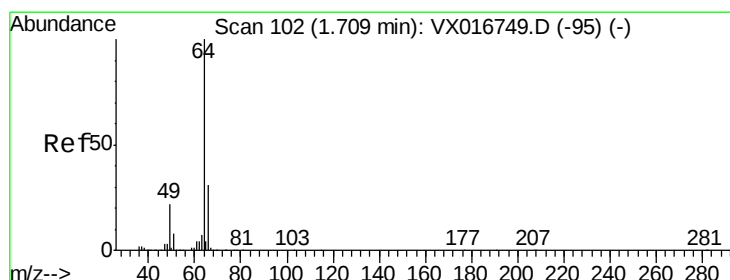
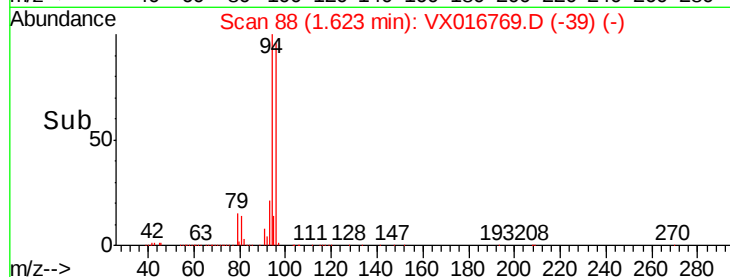
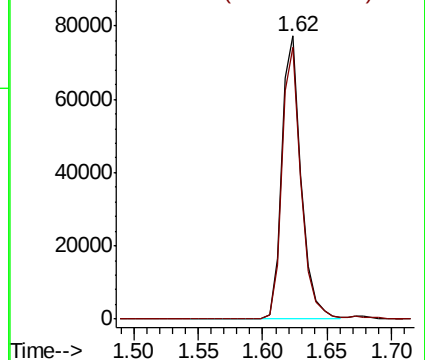
94 100

96 95.8 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.126 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016769.D

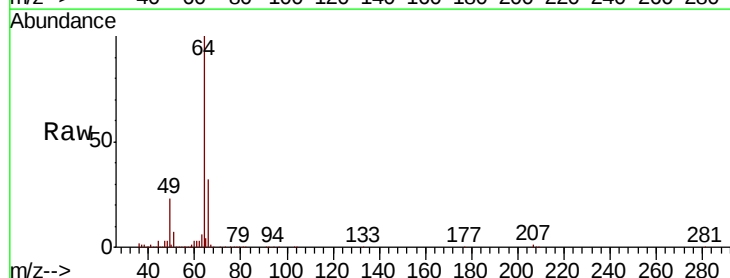
Acq: 16 Jun 2020 10:59

Tgt Ion: 64 Resp: 91909

Ion Ratio Lower Upper

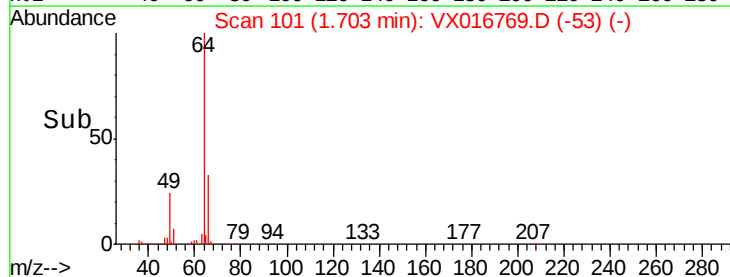
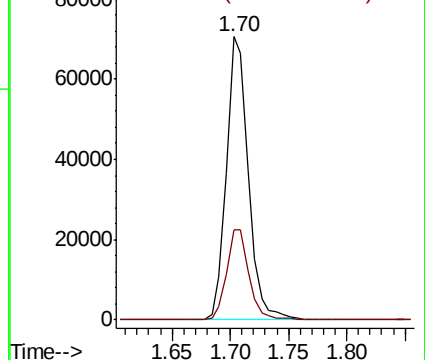
64 100

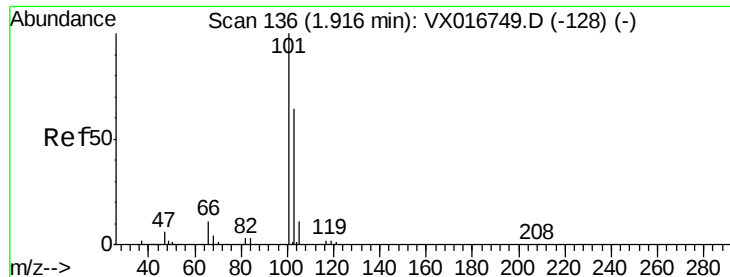
66 31.6 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



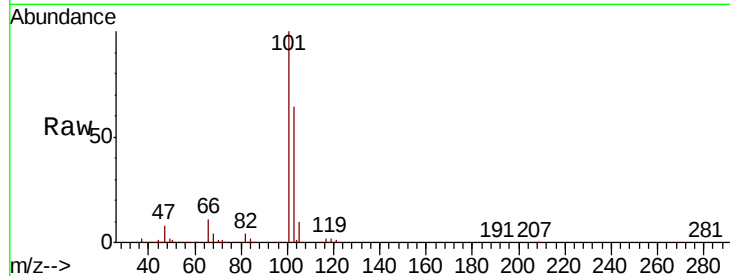


#7

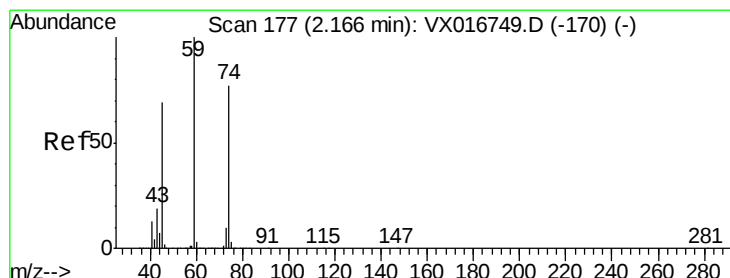
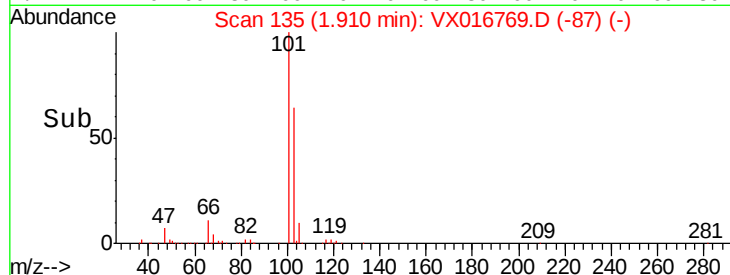
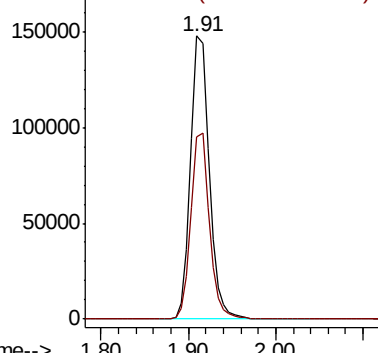
Trichlorofluoromethane
Concen: 50.969 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

Instrument :
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Tot Ion:101 Resp: 218505
Ion Ratio Lower Upper
101 100
103 64.2 51.3 76.9



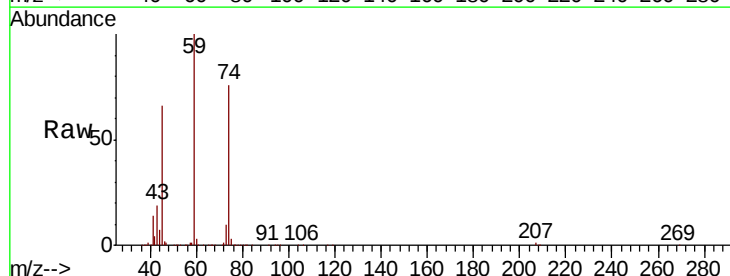
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



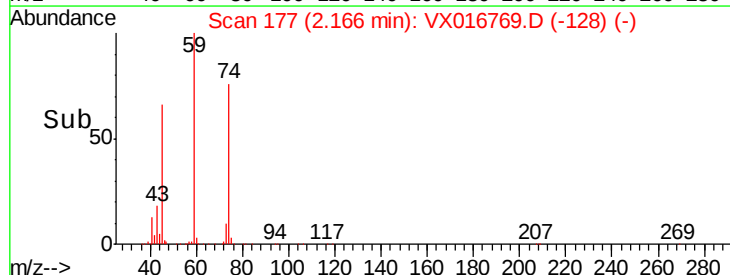
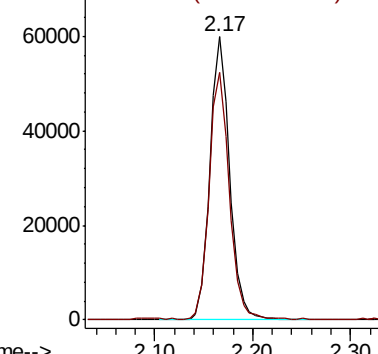
#8

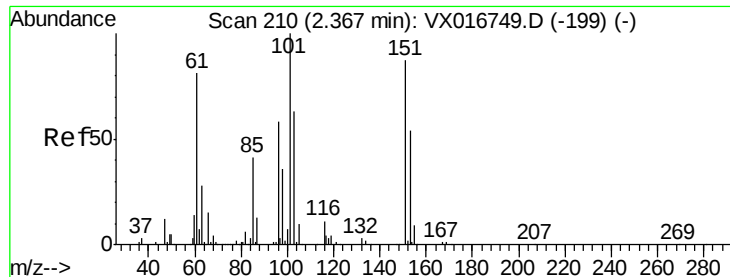
Diethyl Ether
Concen: 47.942 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

Tgt Ion: 74 Resp: 83931
Ion Ratio Lower Upper
74 100
45 88.4 43.5 130.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.141 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

BFB

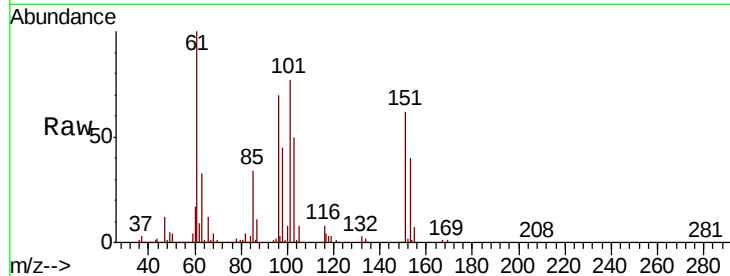
Tot Ion:101 Resp: 118086

Ion Ratio Lower Upper

101 100

85 42.2 34.0 51.0

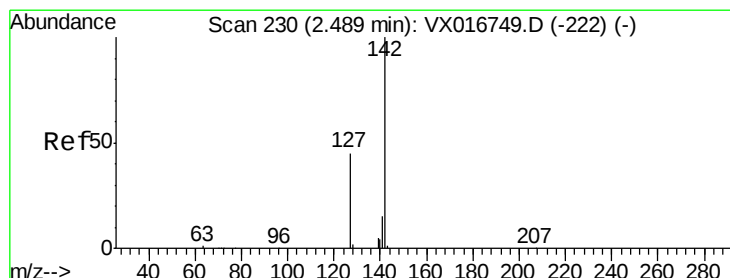
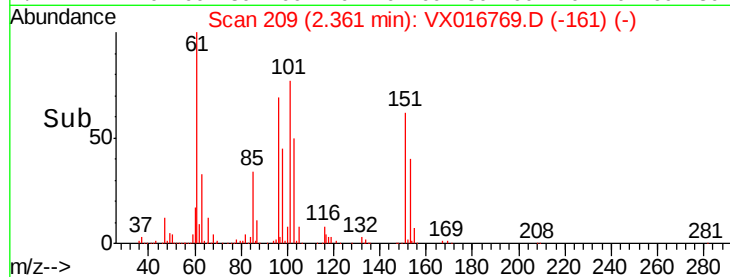
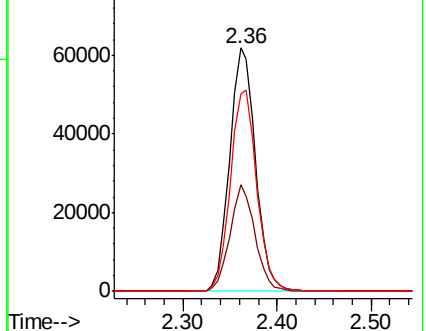
151 84.0 68.7 103.1



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: 49.428 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

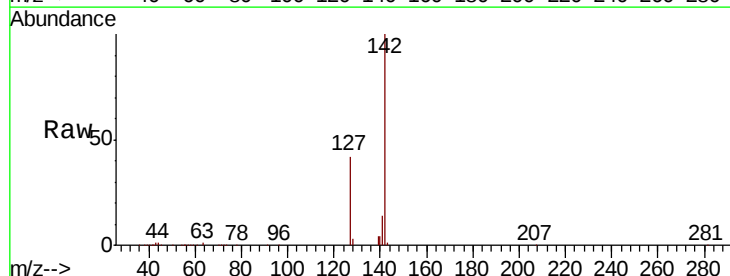
Tgt Ion:142 Resp: 134747

Ion Ratio Lower Upper

142 100

127 44.0 35.4 53.2

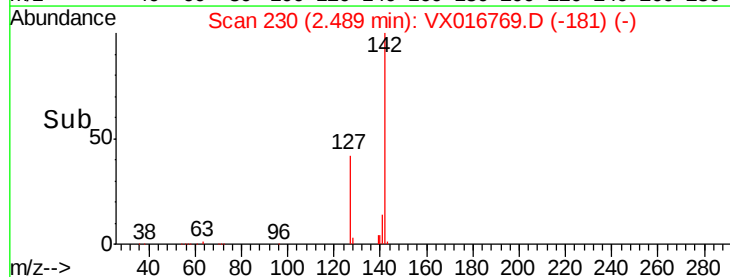
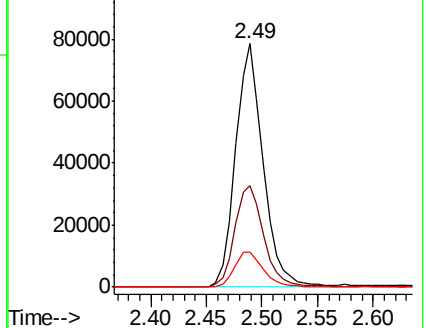
141 15.1 11.7 17.5

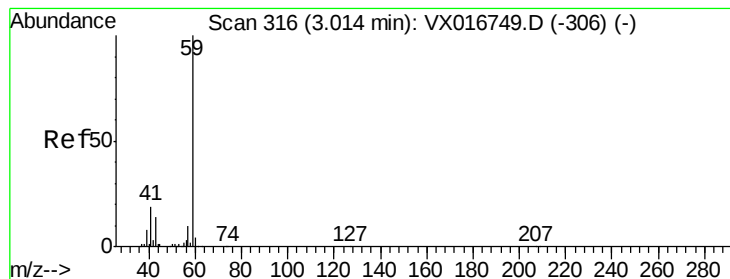


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



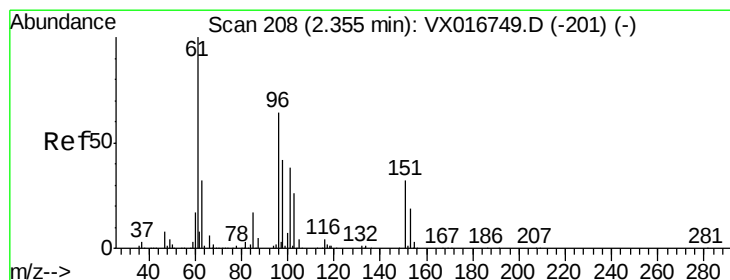
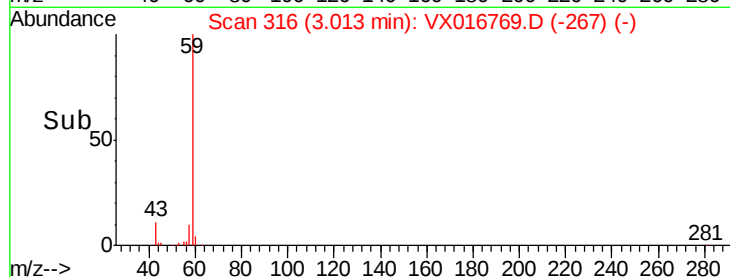
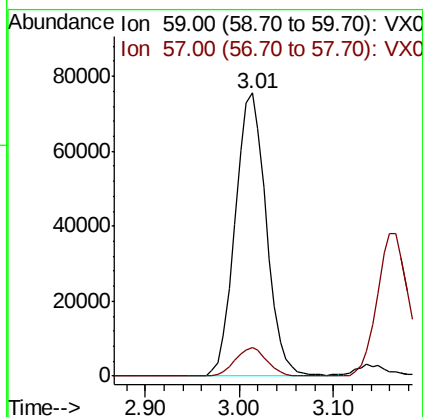
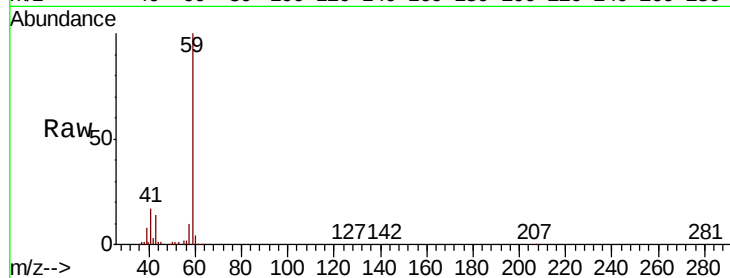


#11

Tert butyl alcohol
 Concen: 241.013 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX016769.D
 Acq: 16 Jun 2020 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

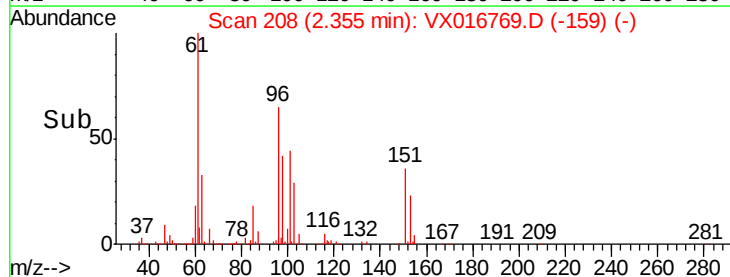
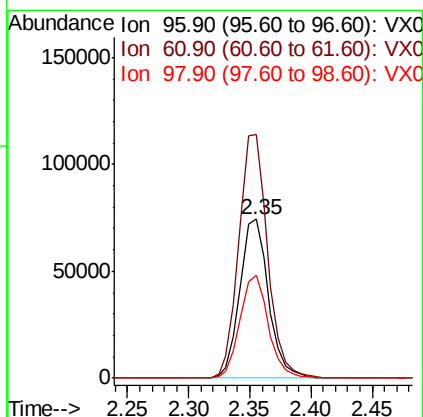
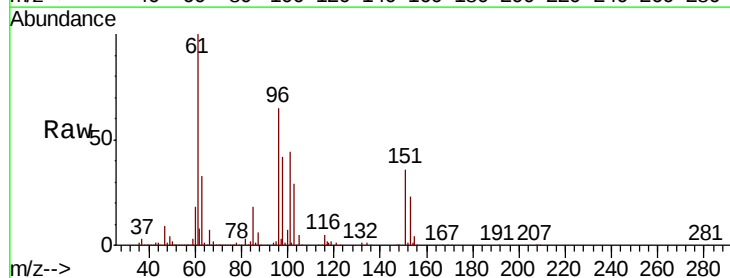
Tot Ion: 59 Resp: 174036
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

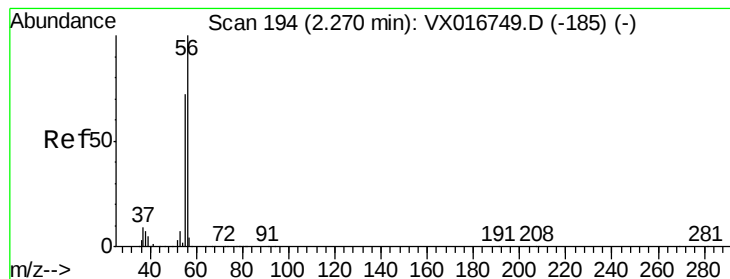


#12

1,1-Dichloroethene
 Concen: 48.256 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016769.D
 Acq: 16 Jun 2020 10:59

Tgt Ion: 96 Resp: 120526
 Ion Ratio Lower Upper
 96 100
 61 153.2 124.1 186.1
 98 64.9 52.7 79.1





#13

Acrolein

Concen: 254.343 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

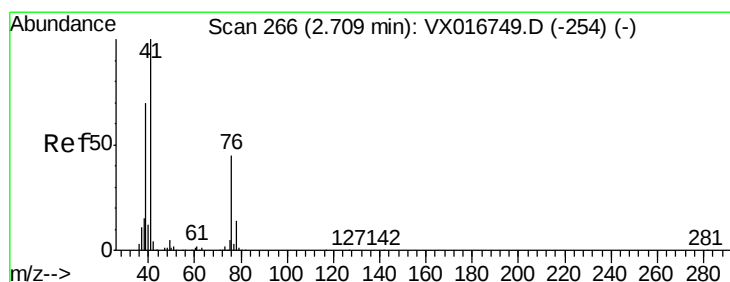
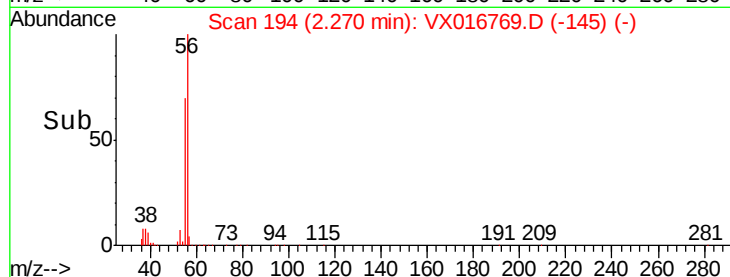
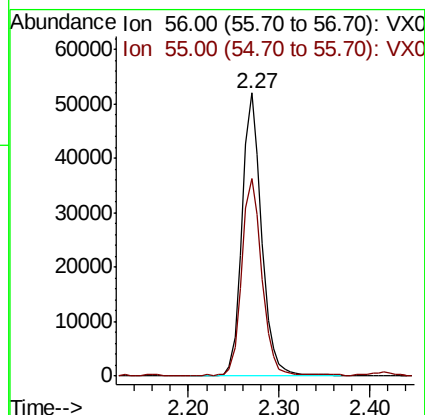
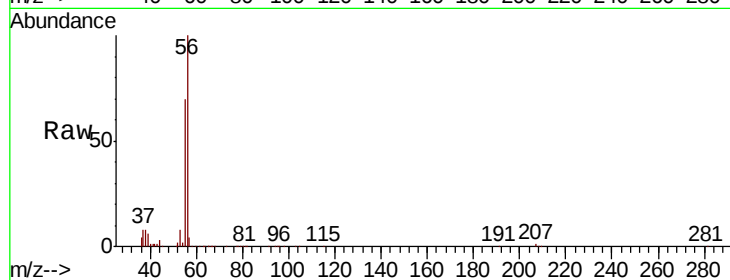
BFB

Tot Ion: 56 Resp: 78214

Ion Ratio Lower Upper

56 100

55 71.3 58.2 87.4



#14

Allyl chloride

Concen: 49.079 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

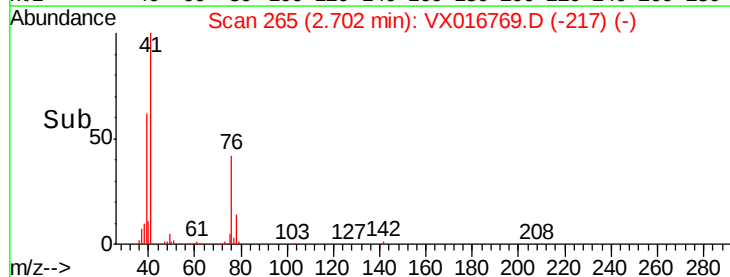
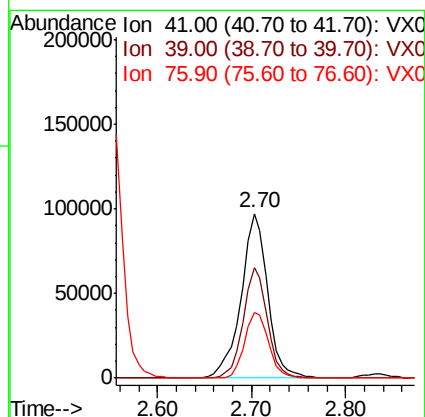
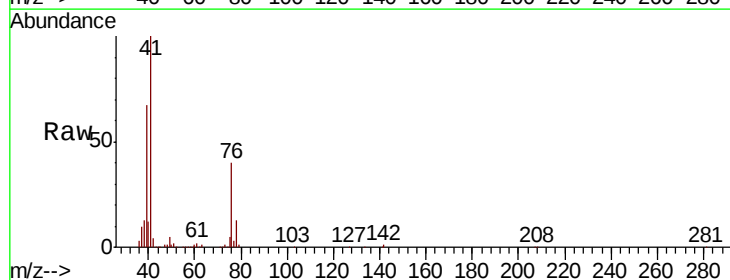
Tgt Ion: 41 Resp: 191719

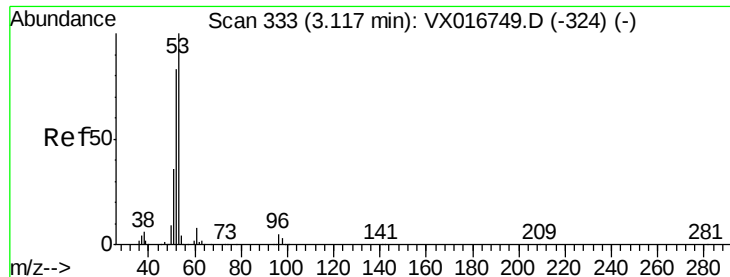
Ion Ratio Lower Upper

41 100

39 61.3 50.2 75.4

76 36.4 30.4 45.6





#15

Acrylonitrile

Concen: 255.066 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

BFB

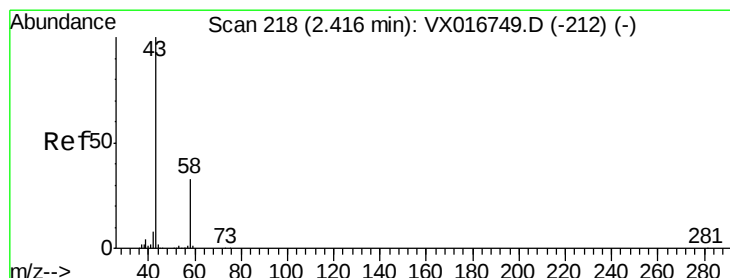
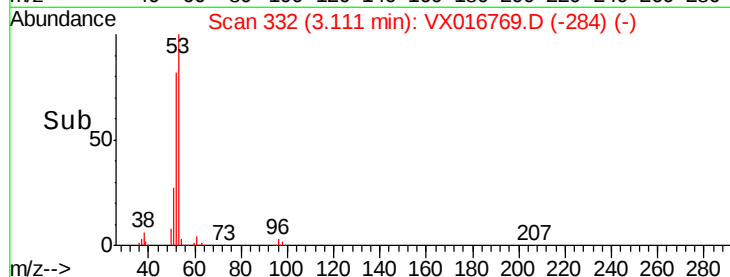
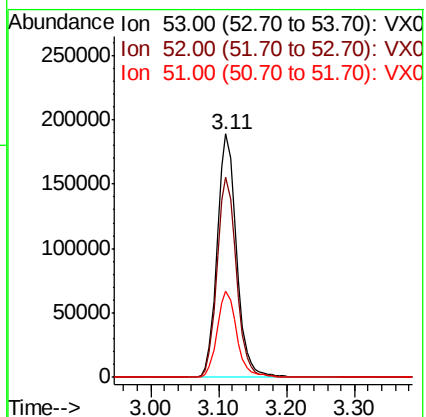
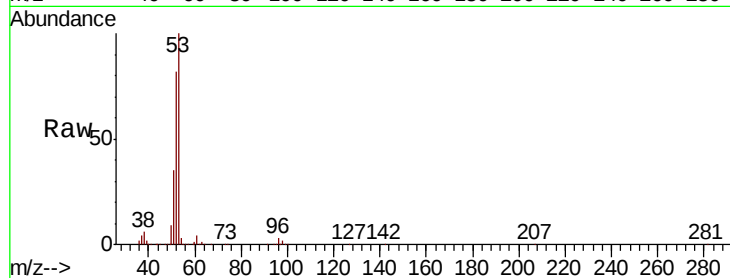
Tot Ion: 53 Resp: 373740

Ion Ratio Lower Upper

53 100

52 82.4 65.5 98.3

51 36.0 28.6 42.8



#16

Acetone

Concen: 244.124 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016769.D

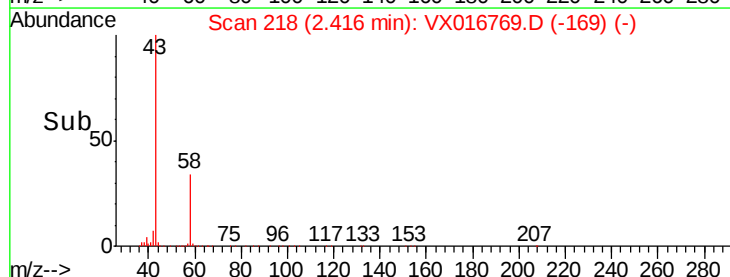
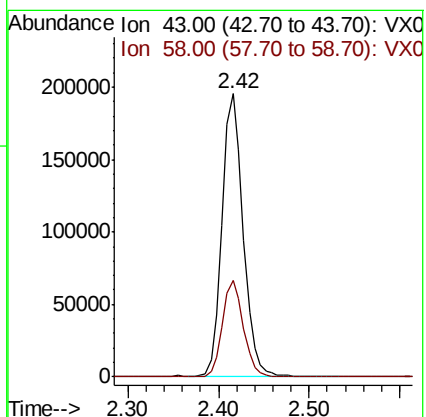
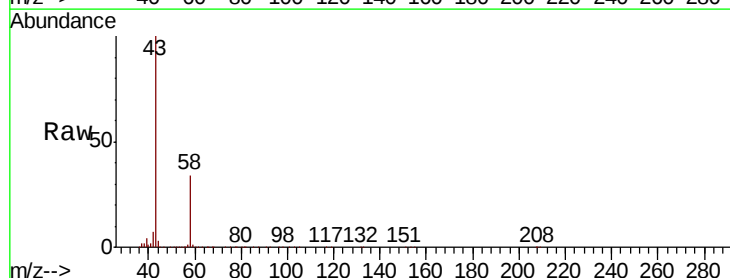
Acq: 16 Jun 2020 10:59

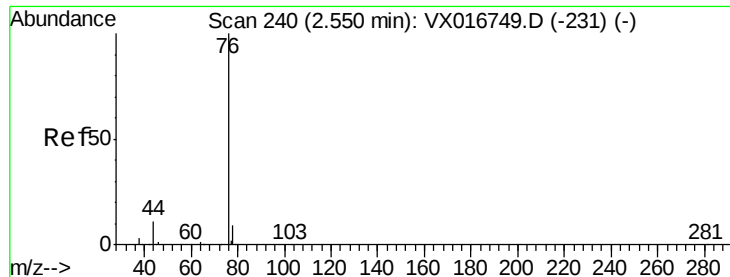
Tgt Ion: 43 Resp: 318298

Ion Ratio Lower Upper

43 100

58 34.0 26.3 39.5





#17

Carbon Disulfide

Concen: 46.169 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

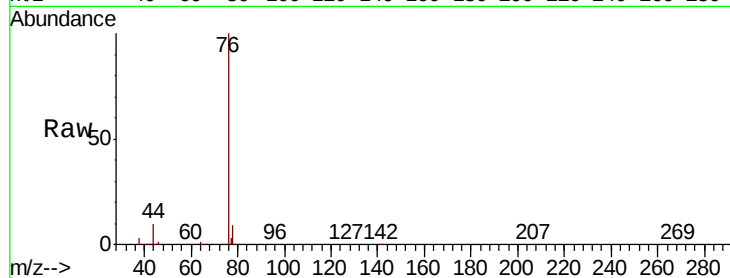
BFB

Tot Ion: 76 Resp: 330255

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

100000

50000

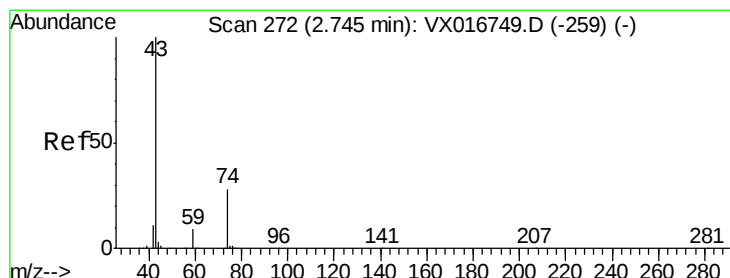
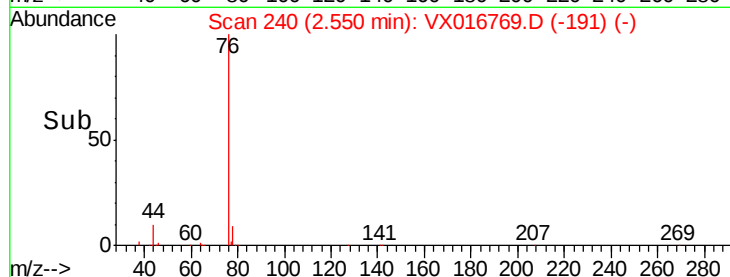
0

2.55

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 53.216 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016769.D

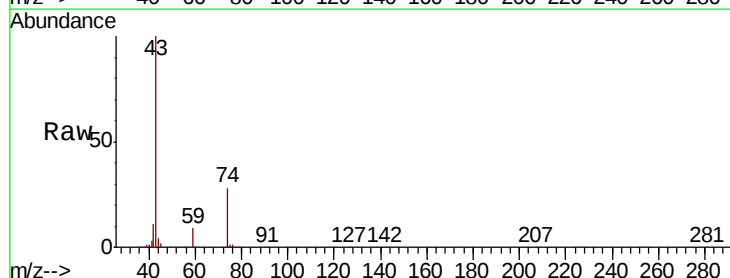
Acq: 16 Jun 2020 10:59

Tgt Ion: 43 Resp: 185199

Ion Ratio Lower Upper

43 100

74 27.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

40000

20000

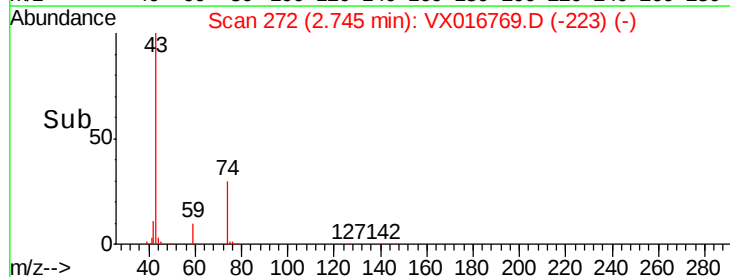
0

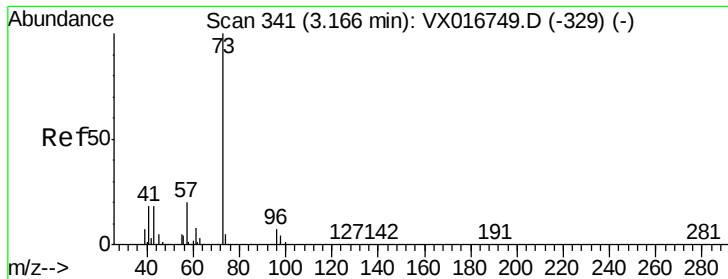
2.75

2.80

2.85

Time-->



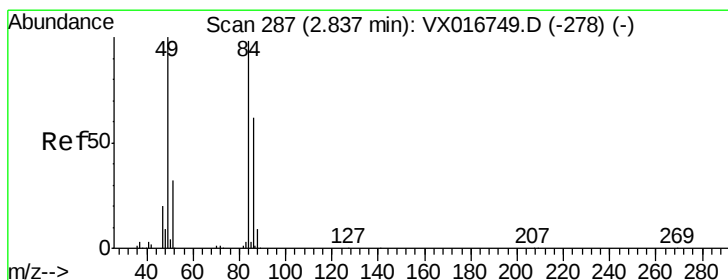
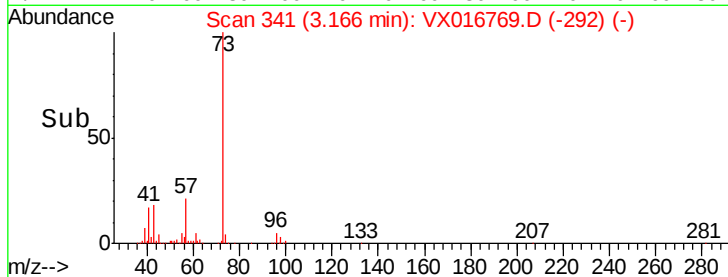
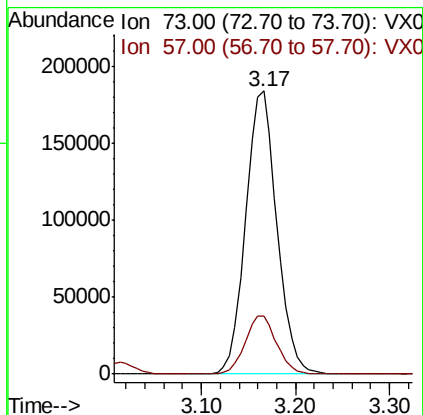
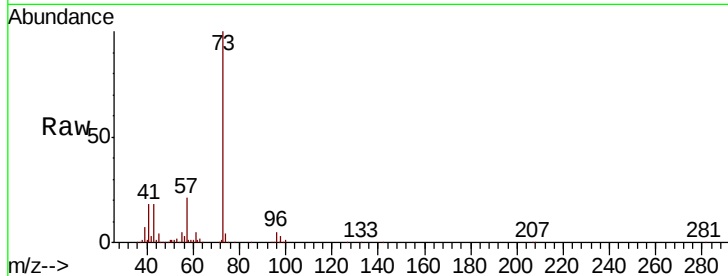


#19

Methyl tert-butyl Ether
 Concen: 50.258 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016769.D
 Acq: 16 Jun 2020 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

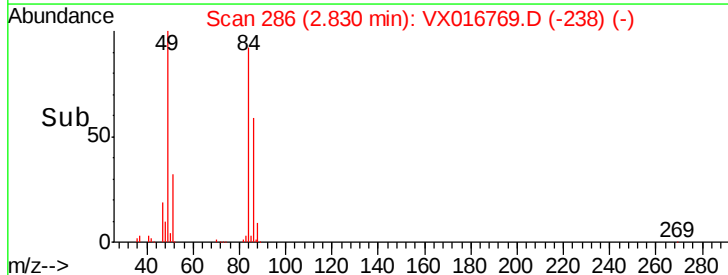
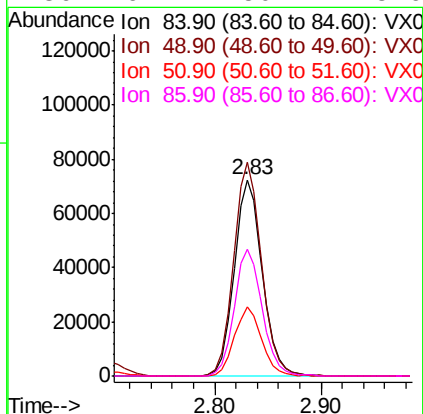
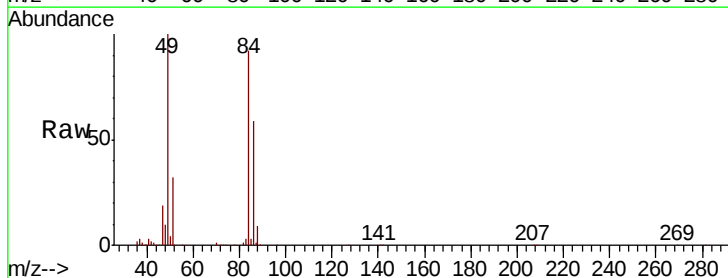
Tot Ion: 73 Resp: 427827
 Ion Ratio Lower Upper
 73 100
 57 20.7 16.2 24.4

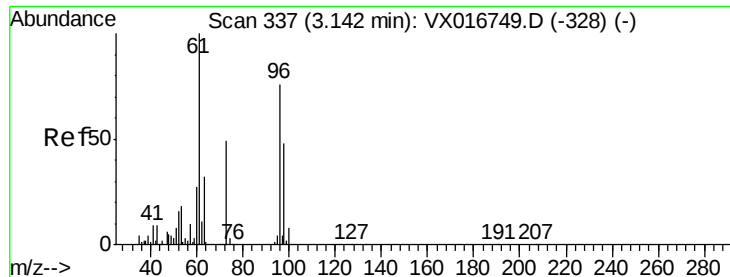


#20

Methylene Chloride
 Concen: 47.591 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016769.D
 Acq: 16 Jun 2020 10:59

Tgt Ion: 84 Resp: 133657
 Ion Ratio Lower Upper
 84 100
 49 108.8 81.8 122.8
 51 34.9 25.8 38.8
 86 64.4 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 47.739 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampled :

BFB

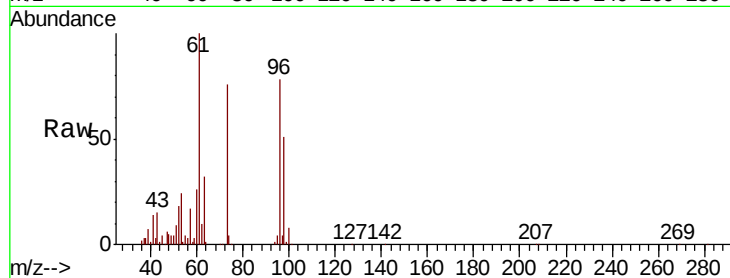
Tot Ion: 96 Resp: 128131

Ion Ratio Lower Upper

96 100

61 128.4 105.4 158.2

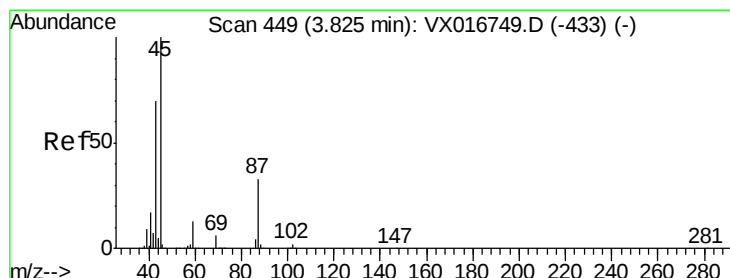
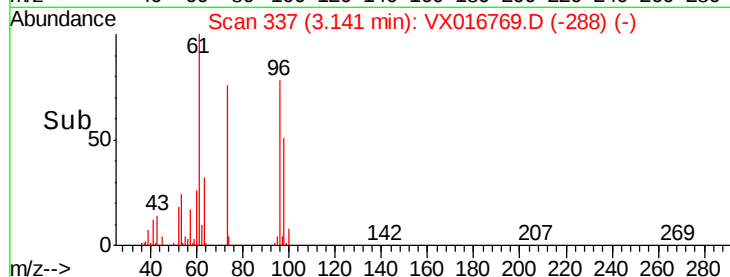
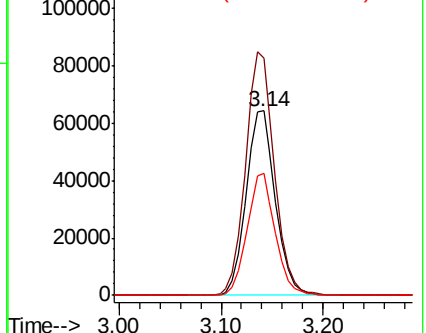
98 65.7 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.232 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Tgt Ion: 45 Resp: 368577

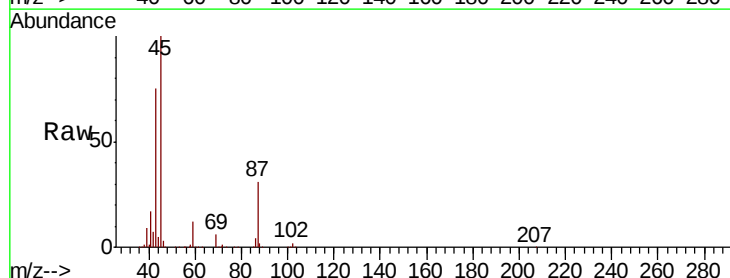
Ion Ratio Lower Upper

45 100

43 75.3 56.2 84.4

87 30.7 26.2 39.4

59 12.2 10.3 15.5

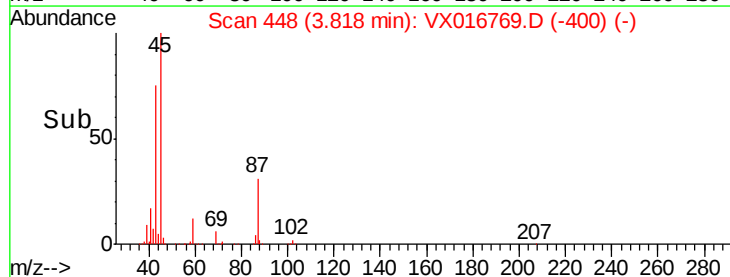
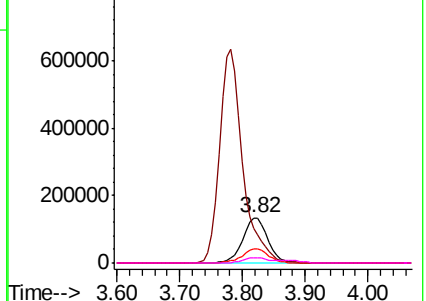


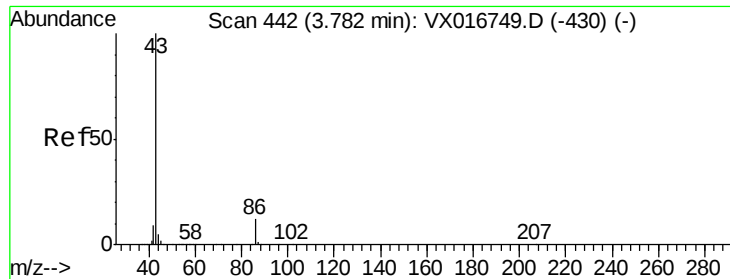
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

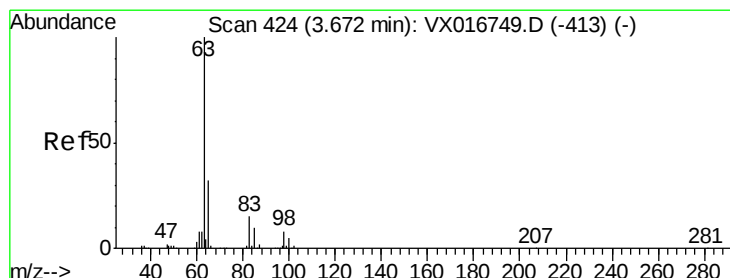
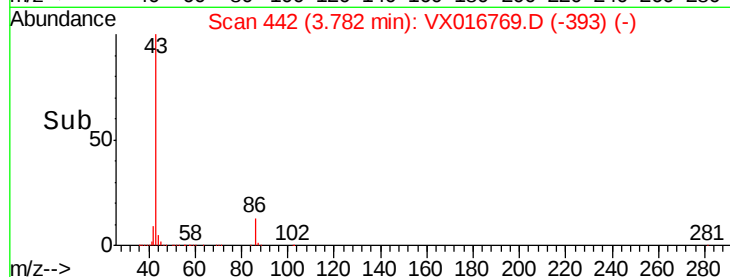
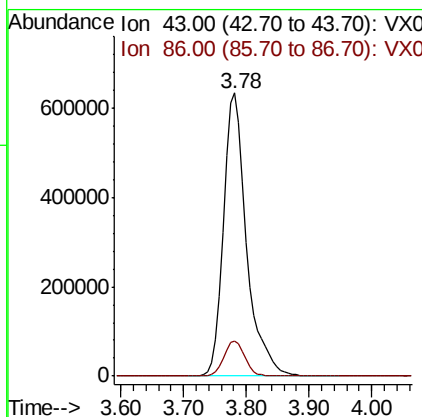
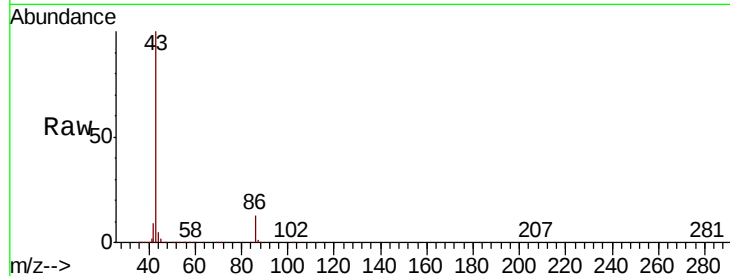




#23
 Vinyl Acetate
 Concen: 254.249 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VX016769.D
 Acq: 16 Jun 2020 10:59

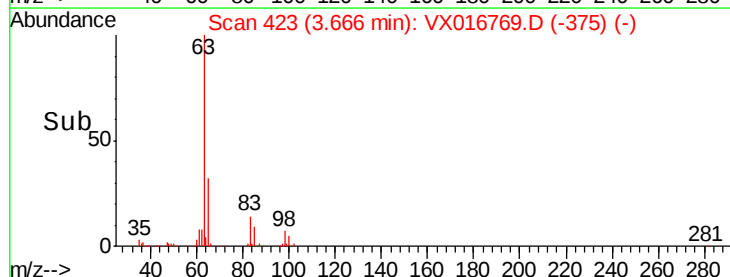
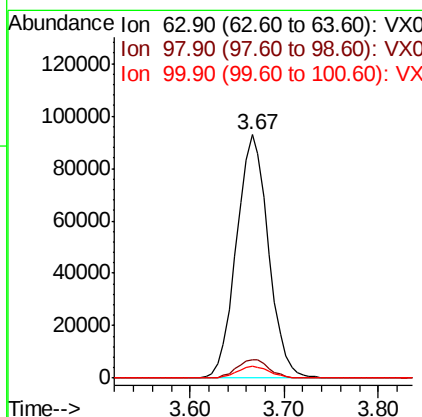
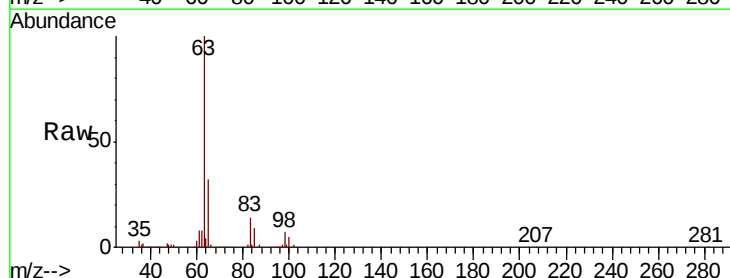
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

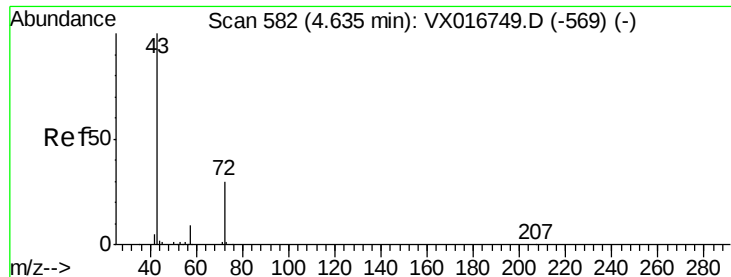
Tot Ion: 43 Resp: 1612452
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 47.956 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX016769.D
 Acq: 16 Jun 2020 10:59

Tgt Ion: 63 Resp: 220081
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.9 2.3 6.9

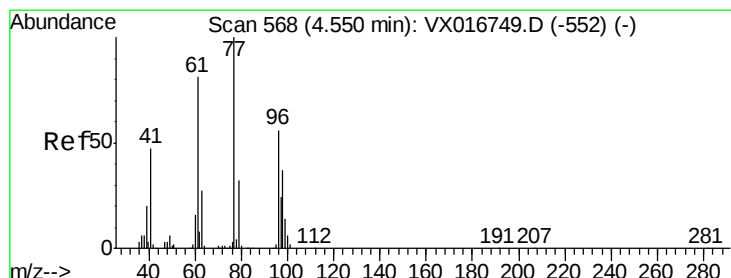
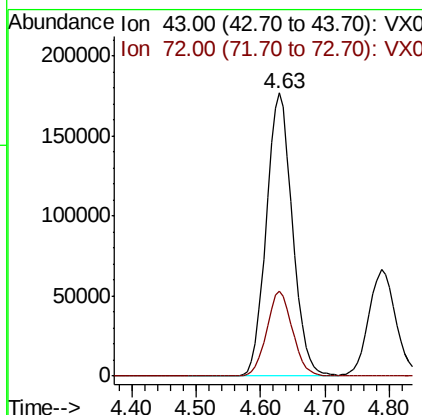
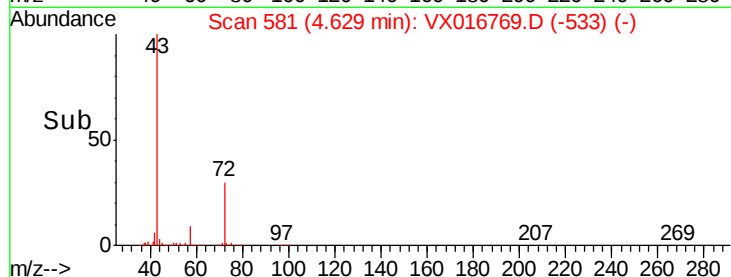
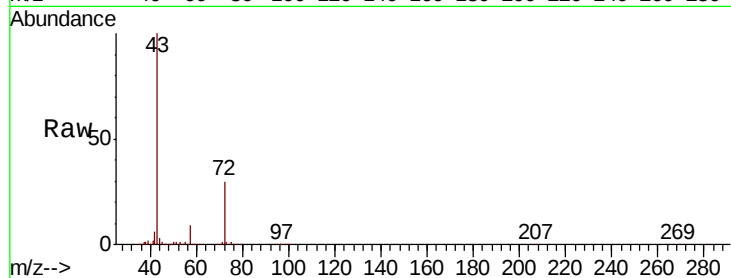




#25
2-Butanone
Concen: 254.697 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

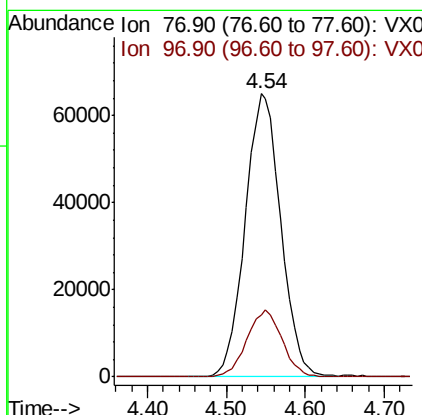
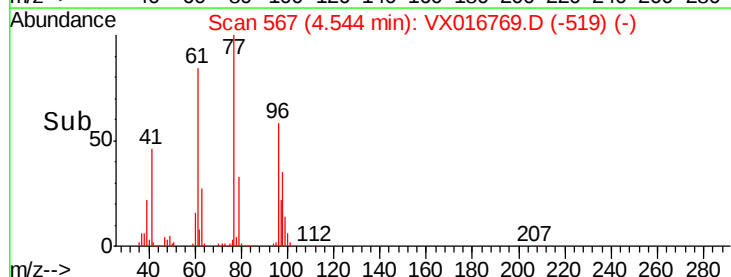
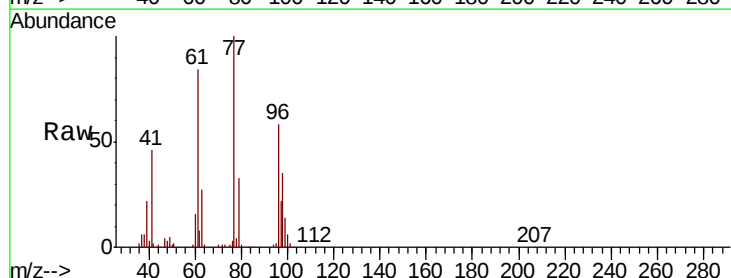
Instrument :
MSVOA_X
ClientSampled :
BFB

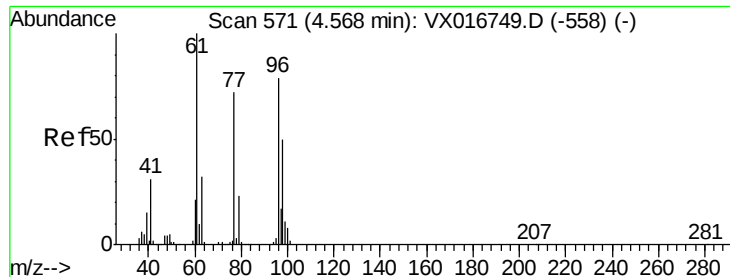
Tot Ion: 43 Resp: 500484
Ion Ratio Lower Upper
43 100
72 29.8 24.2 36.4



#26
2,2-Dichloropropane
Concen: 47.933 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

Tgt Ion: 77 Resp: 203688
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.4



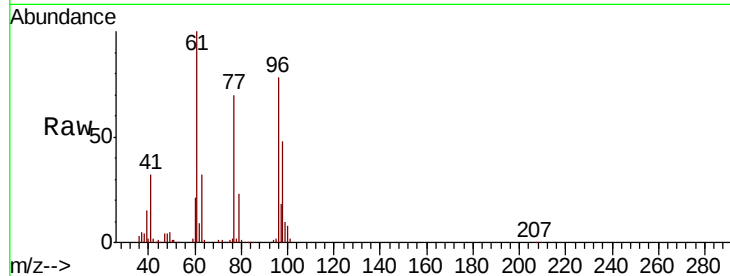


#27

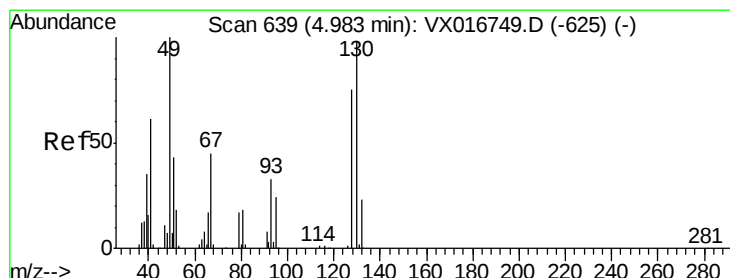
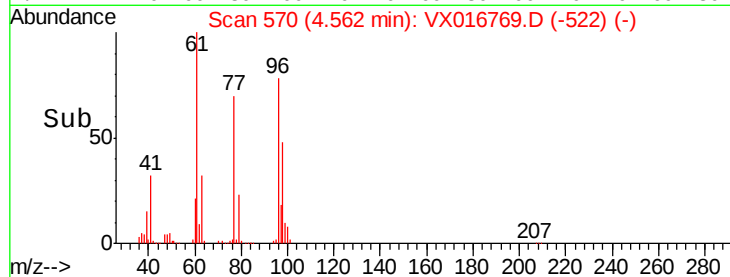
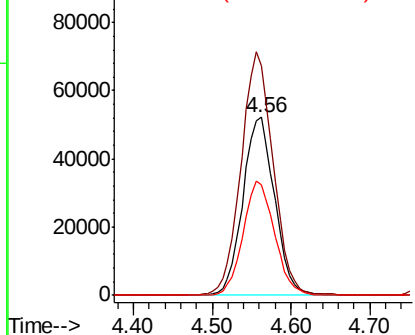
cis-1,2-Dichloroethene
 Concen: 47.580 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016769.D
 Acq: 16 Jun 2020 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	276.2
98	63.8	0.0	130.0



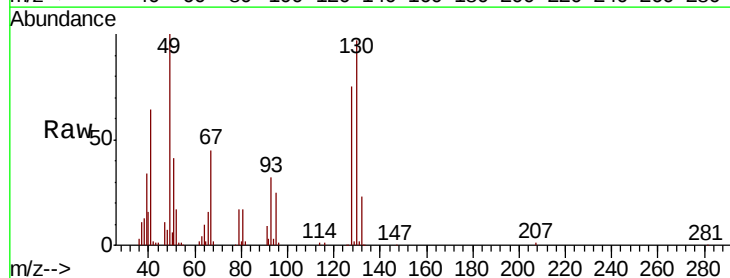
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



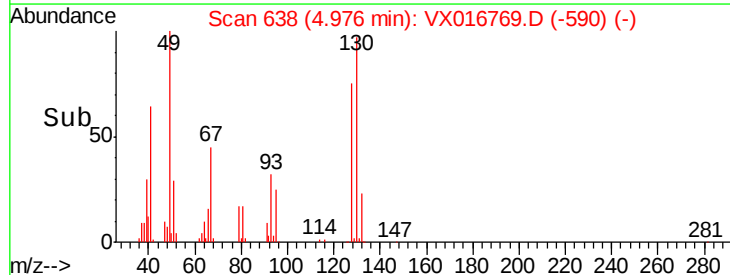
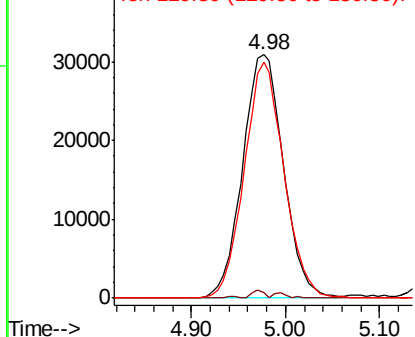
#28

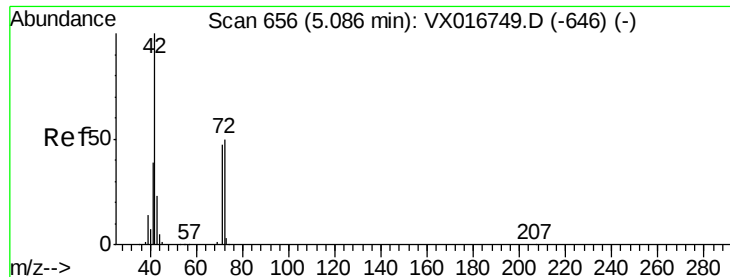
Bromochloromethane
 Concen: 47.922 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016769.D
 Acq: 16 Jun 2020 10:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	2.8
130	94.2	76.0	114.0



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





#29

Tetrahydrofuran

Concen: 256.223 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

BFB

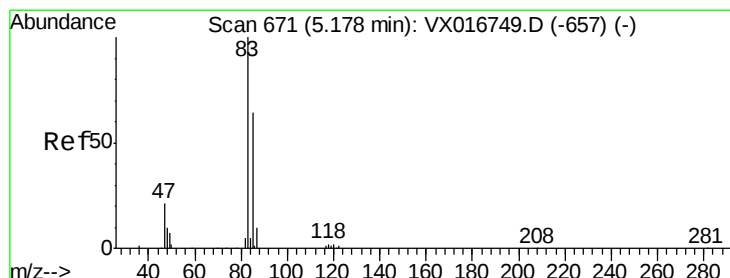
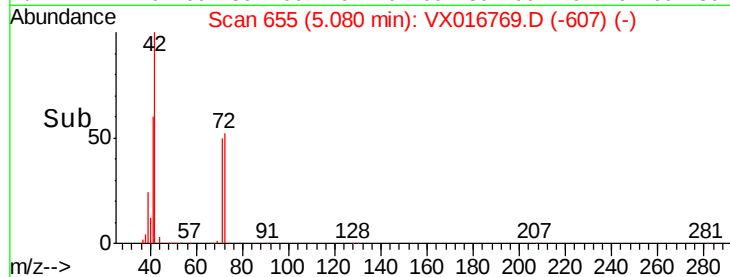
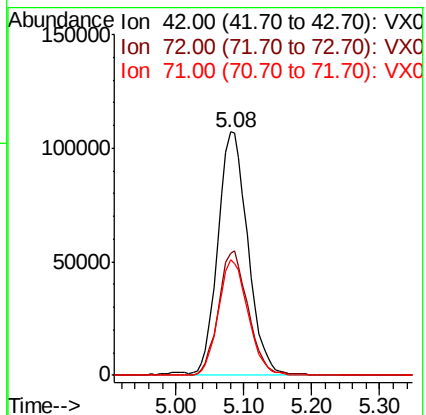
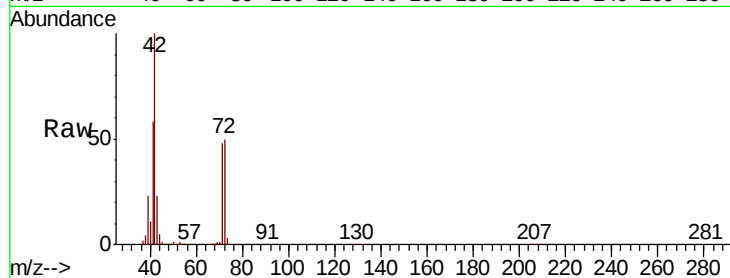
Tot Ion: 42 Resp: 326163

Ion Ratio Lower Upper

42 100

72 51.0 41.0 61.6

71 47.2 38.2 57.4



#30

Chloroform

Concen: 48.188 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016769.D

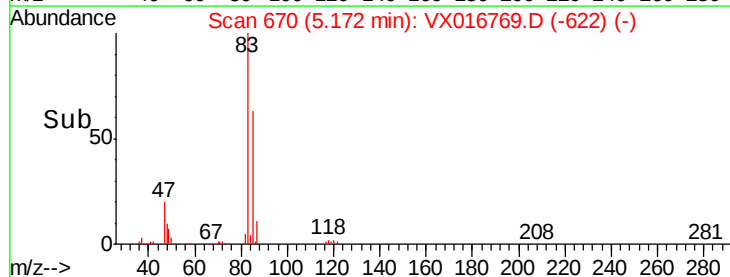
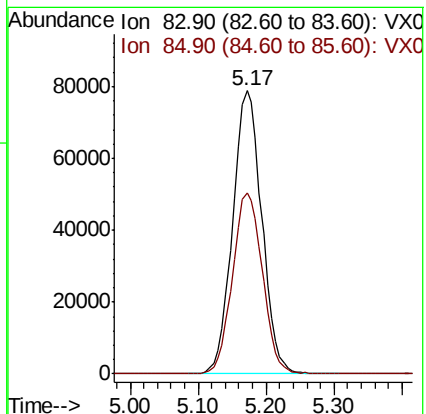
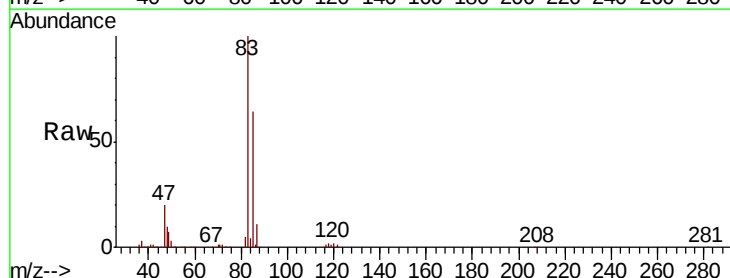
Acq: 16 Jun 2020 10:59

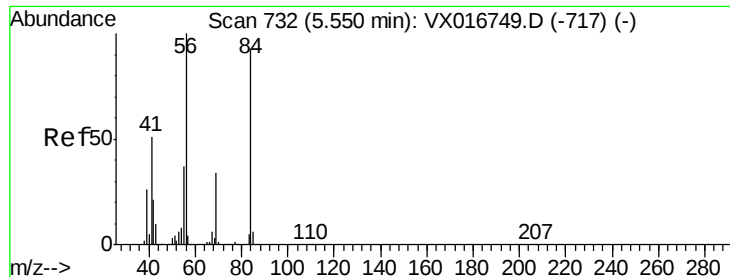
Tgt Ion: 83 Resp: 233962

Ion Ratio Lower Upper

83 100

85 63.8 50.8 76.2

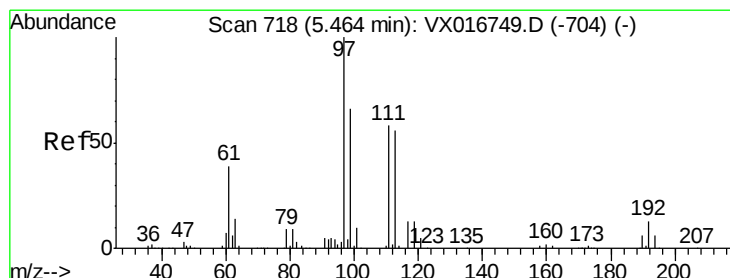
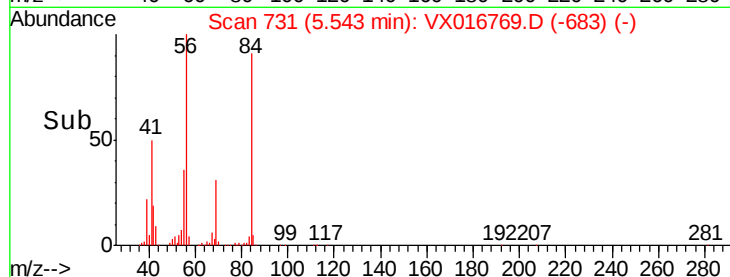
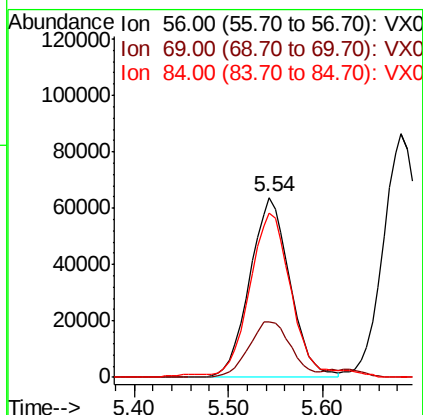
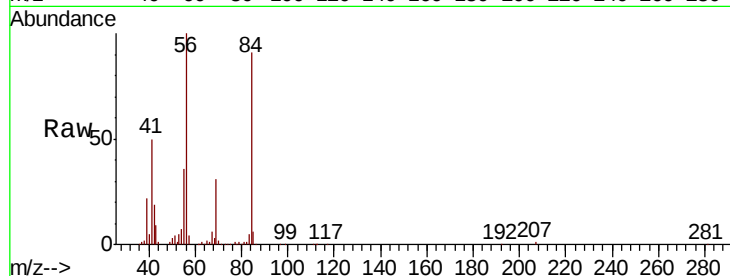




#31
Cyclohexane
Concen: 51.546 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

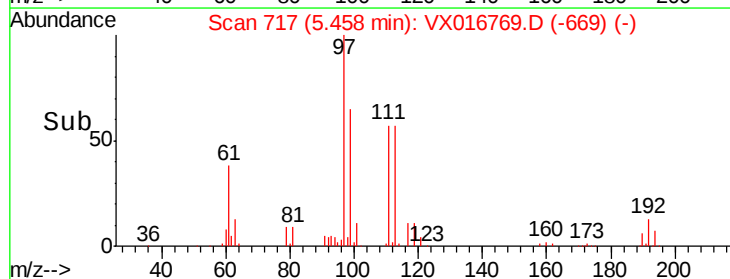
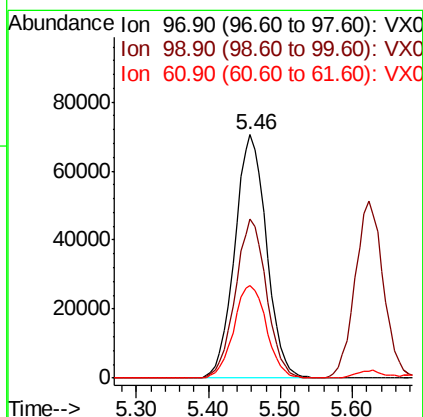
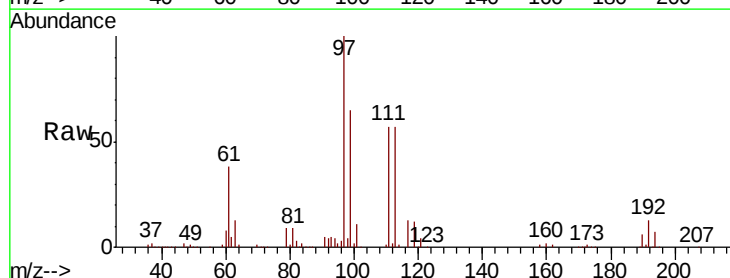
Instrument :
MSVOA_X
ClientSampleId :
BFB

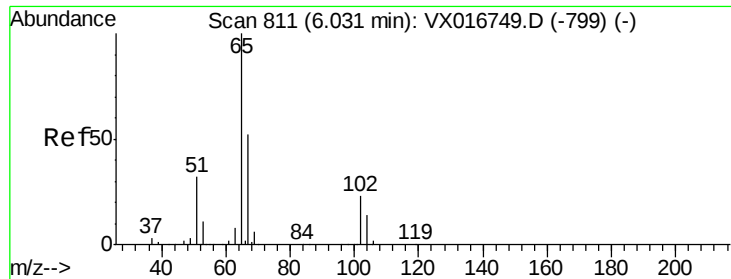
Tot Ion: 56 Resp: 190565
Ion Ratio Lower Upper
56 100
69 30.8 27.1 40.7
84 89.2 74.0 111.0



#32
1,1,1-Trichloroethane
Concen: 48.938 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

Tgt Ion: 97 Resp: 215605
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 39.3 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 51.413 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

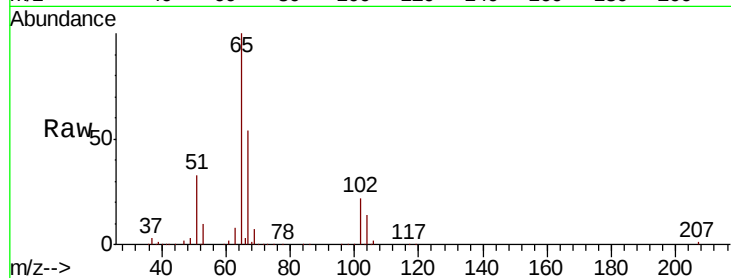
BFB

Tot Ion: 65 Resp: 147778

Ion Ratio Lower Upper

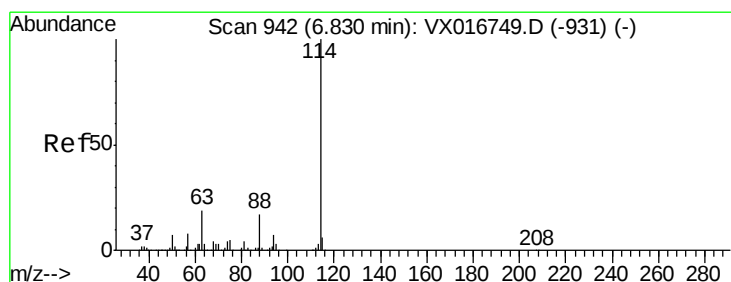
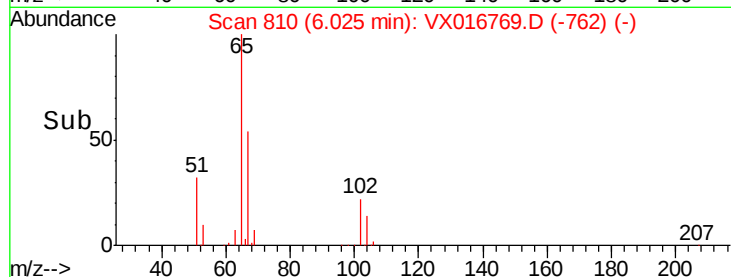
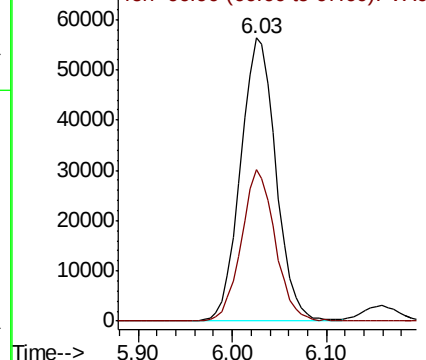
65 100

67 51.4 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

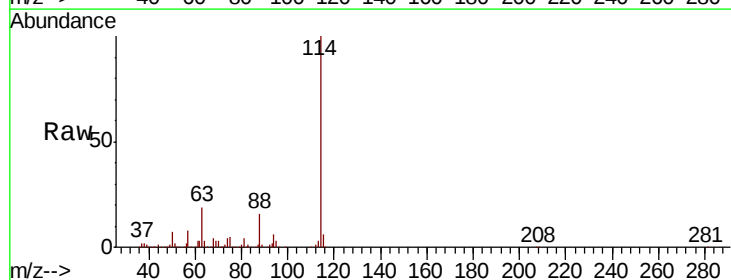
Tgt Ion: 114 Resp: 383933

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.8

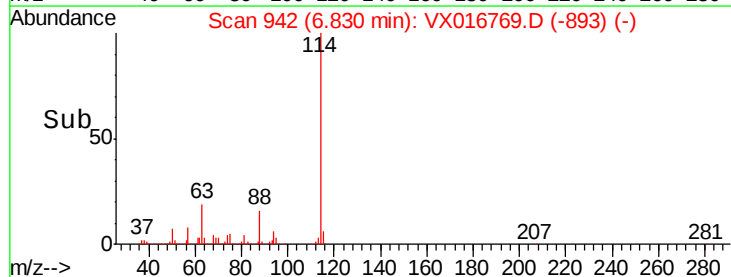
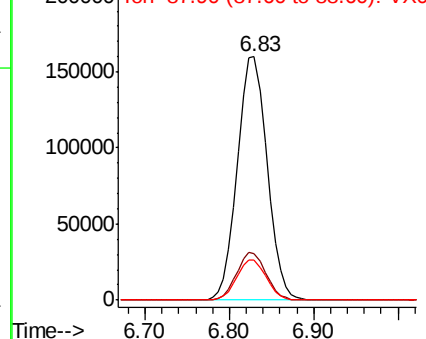
88 16.3 0.0 33.4

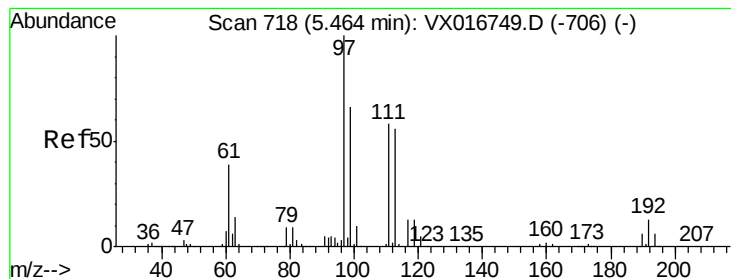


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.011 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampled :

BFB

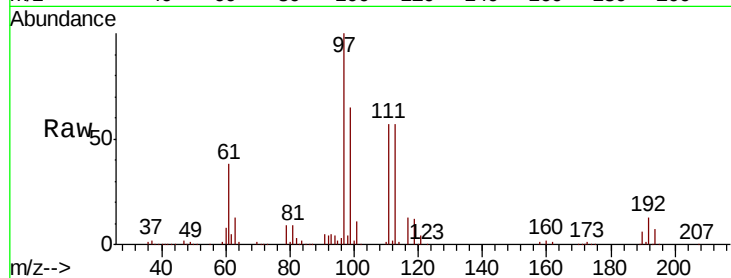
Tot Ion:113 Resp: 118467

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.6

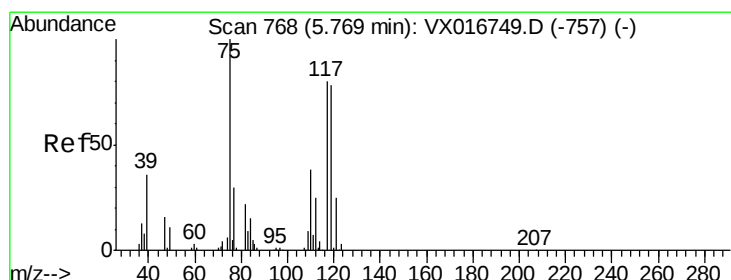
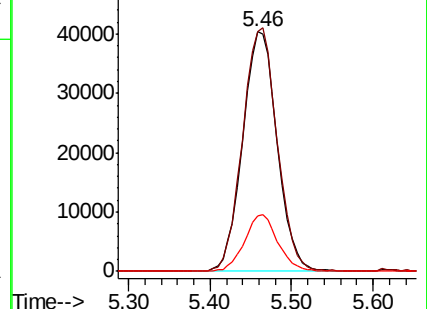
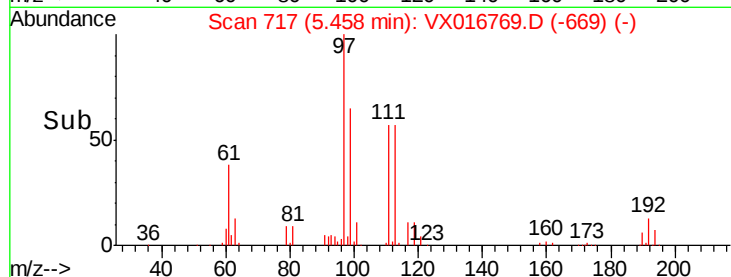
192 22.9 18.2 27.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.893 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

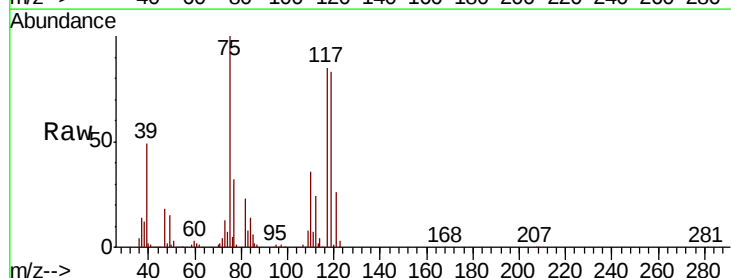
Tgt Ion: 75 Resp: 169284

Ion Ratio Lower Upper

75 100

110 37.1 18.4 55.2

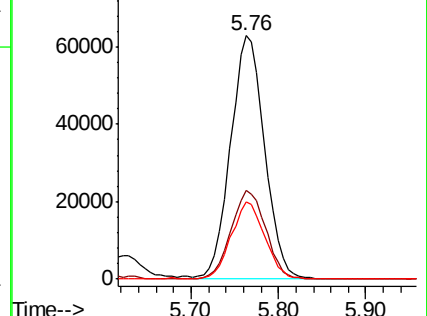
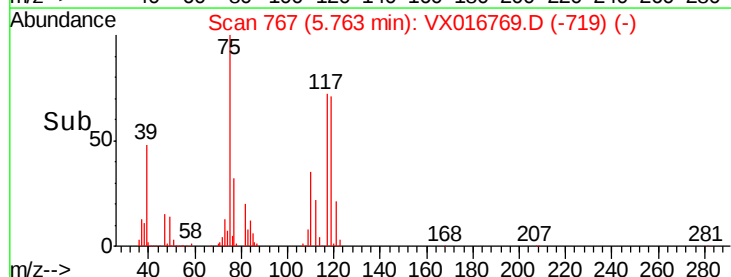
77 31.5 24.7 37.1

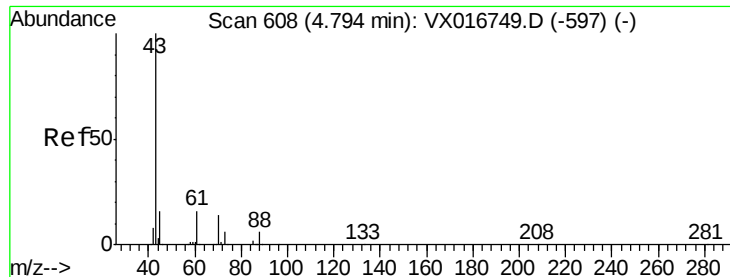


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

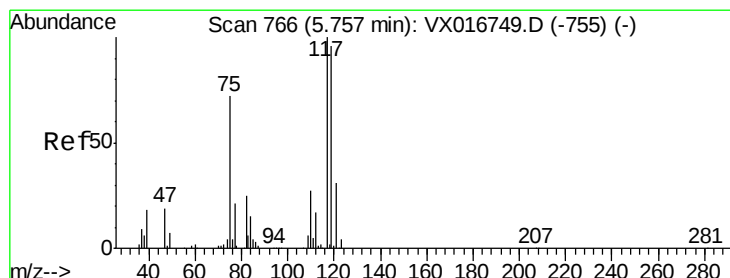
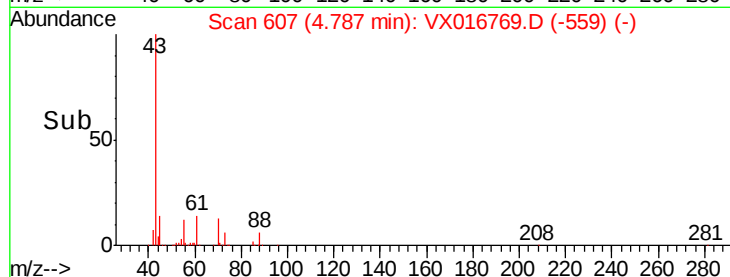
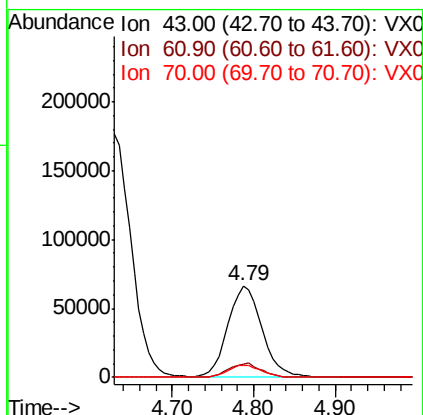
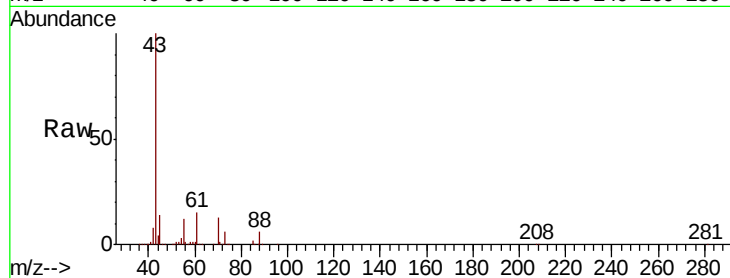




#37
Ethyl Acetate
Concen: 51.543 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

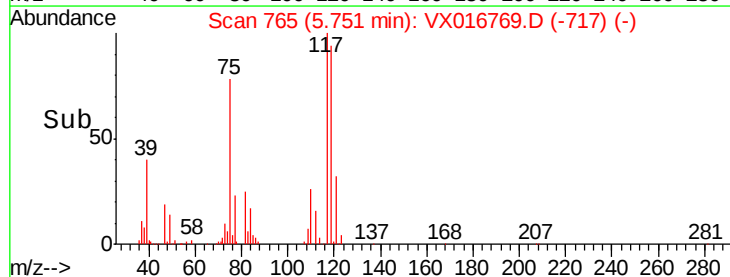
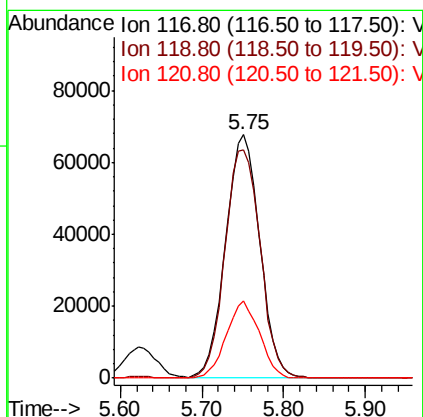
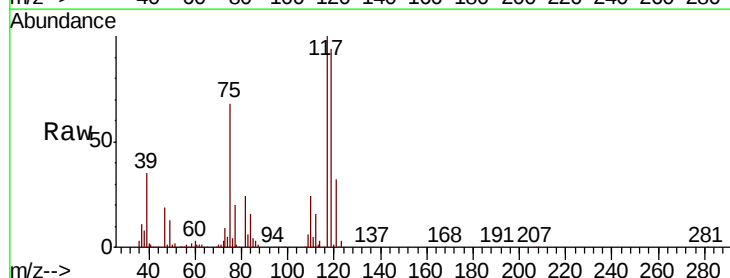
Instrument :
MSVOA_X
ClientSampleId :
BFB

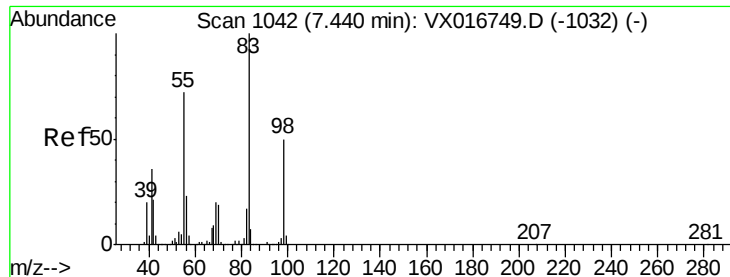
Tot Ion: 43 Resp: 191517
Ion Ratio Lower Upper
43 100
61 14.6 12.4 18.6
70 13.1 10.8 16.2



#38
Carbon Tetrachloride
Concen: 51.022 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

Tgt Ion: 117 Resp: 196604
Ion Ratio Lower Upper
117 100
119 93.8 76.7 115.1
121 31.6 24.7 37.1

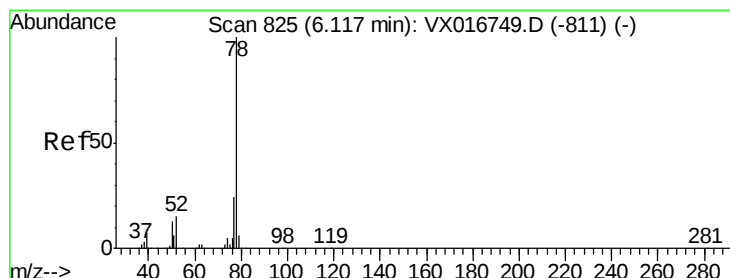
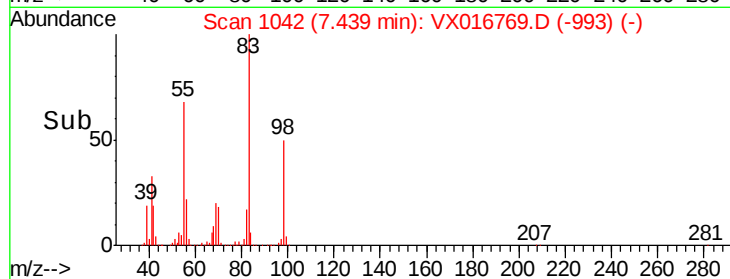
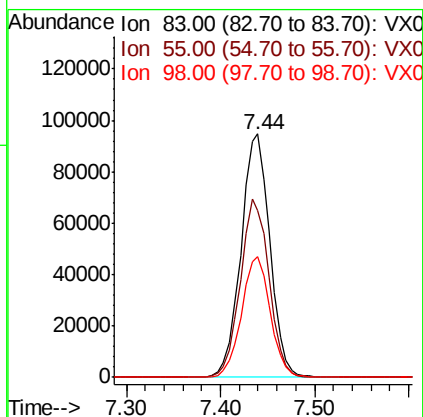
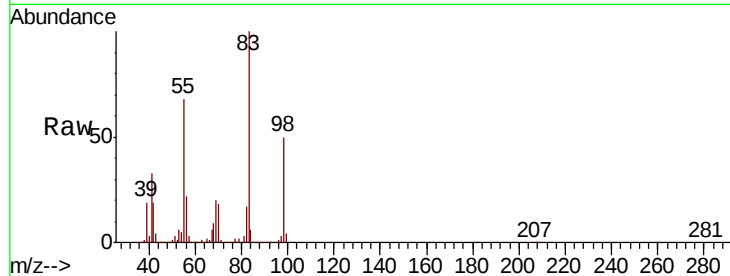




#39
Methvlcvclohexane
Concen: 51.535 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

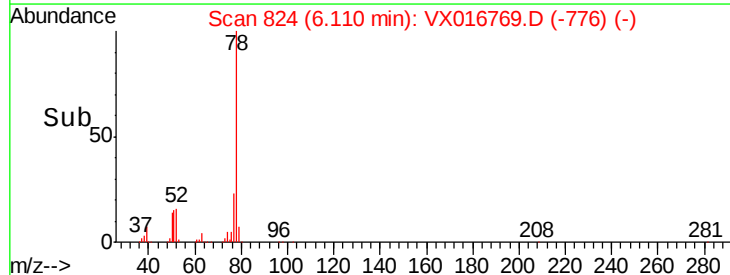
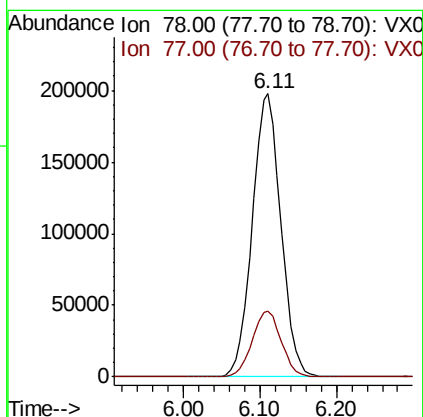
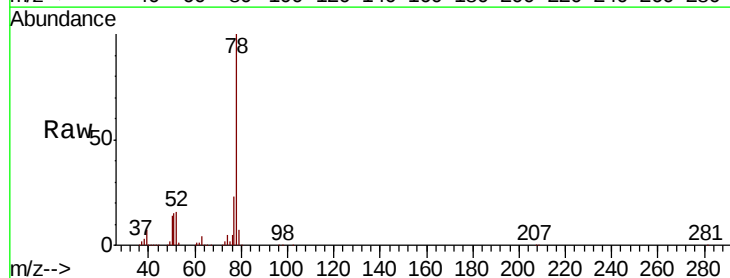
Instrument :
MSVOA_X
ClientSampleId :
BFB

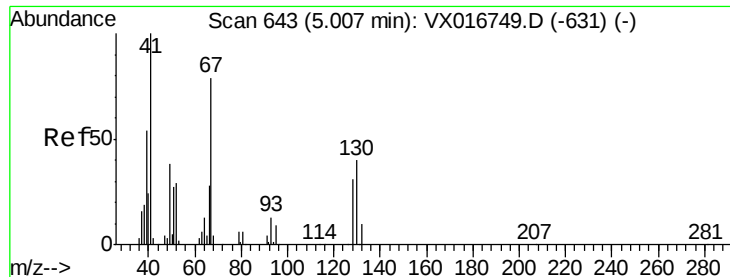
Tot Ion: 83 Resp: 202879
Ion Ratio Lower Upper
83 100
55 68.5 57.3 85.9
98 49.6 40.3 60.5



#40
Benzene
Concen: 49.803 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

Tgt Ion: 78 Resp: 514486
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4

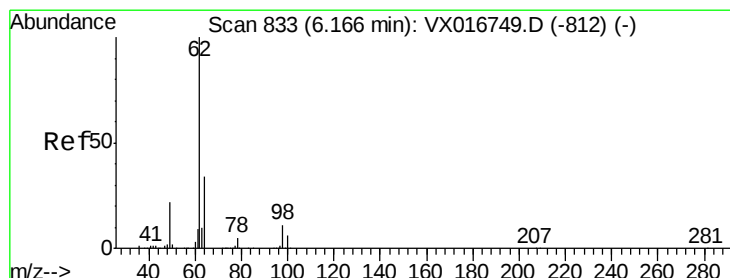
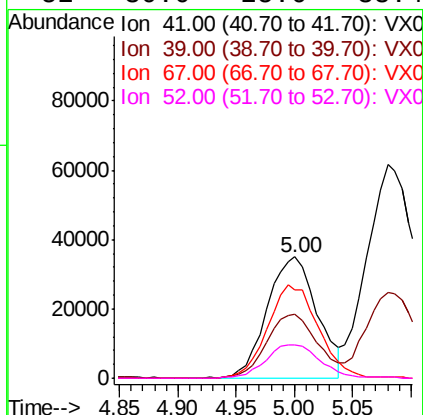
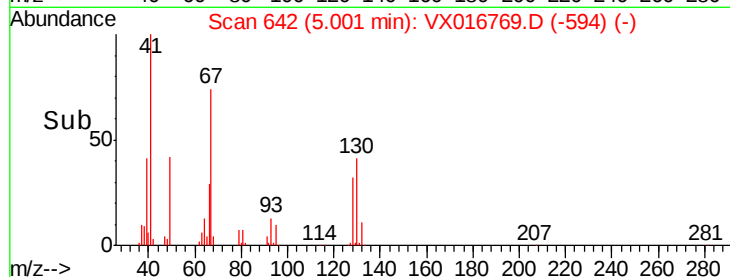
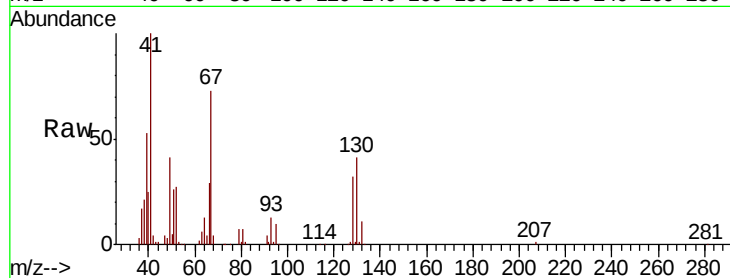




#41
Methacrylonitrile
Concen: 52.249 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

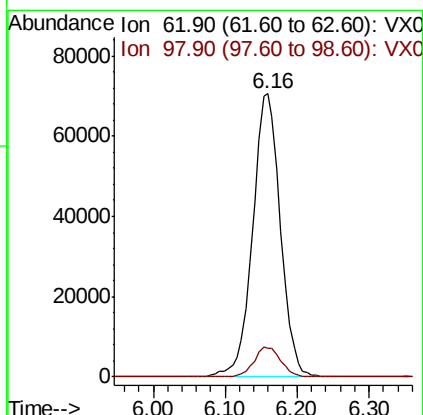
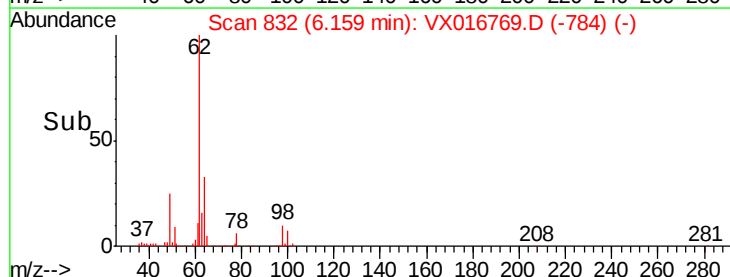
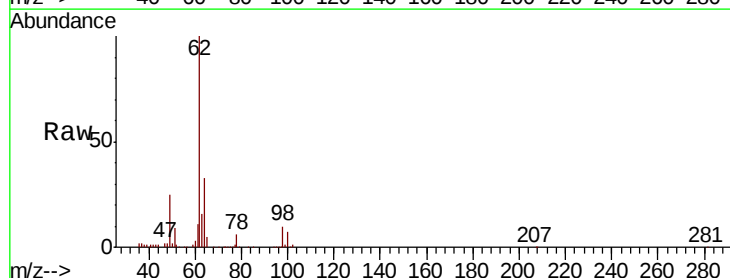
Instrument :
MSVOA_X
ClientSampled :
BFB

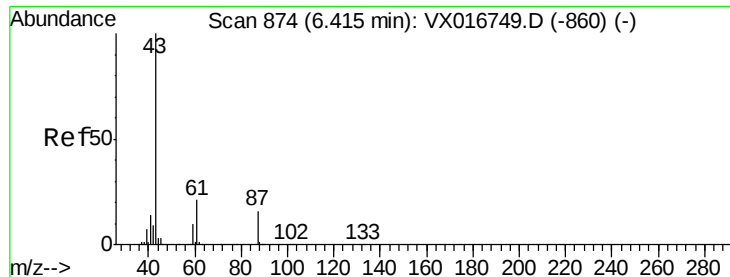
Tot Ion:	41	Resp:	103514
Ion	Ratio	Lower	Upper
41	100		
39	55.2	43.7	65.5
67	78.7	64.6	96.8
52	30.0	25.6	38.4



#42
1,2-Dichloroethane
Concen: 50.027 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

Tgt Ion:	62	Resp:	188622
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 51.986 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

BFB

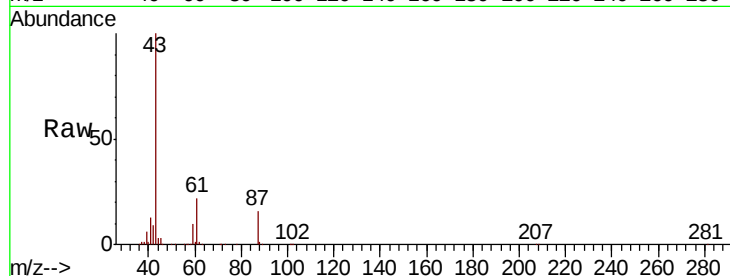
Tot Ion: 43 Resp: 302736

Ion Ratio Lower Upper

43 100

61 22.3 17.7 26.5

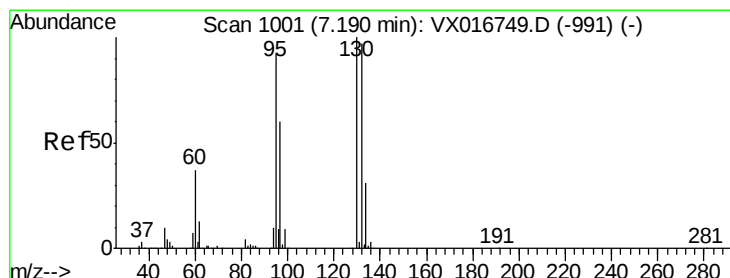
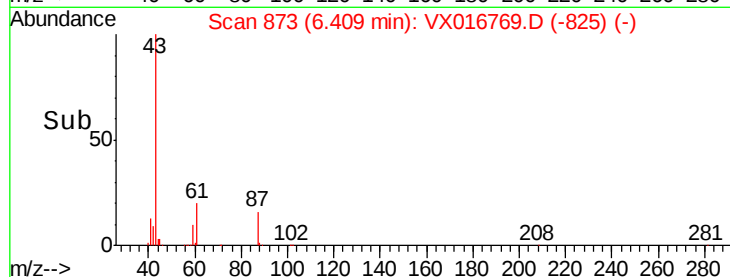
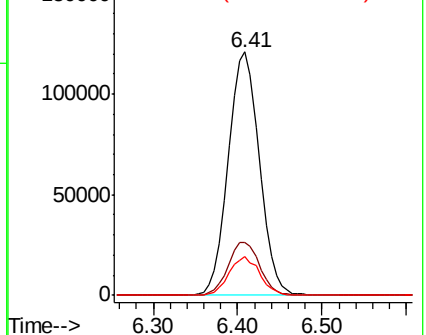
87 15.6 12.5 18.7



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: 56.685 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016769.D

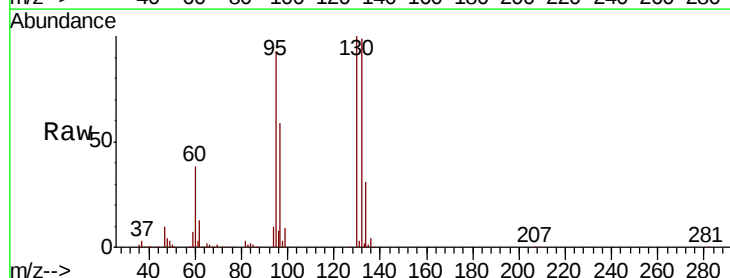
Acq: 16 Jun 2020 10:59

Tgt Ion:130 Resp: 181131

Ion Ratio Lower Upper

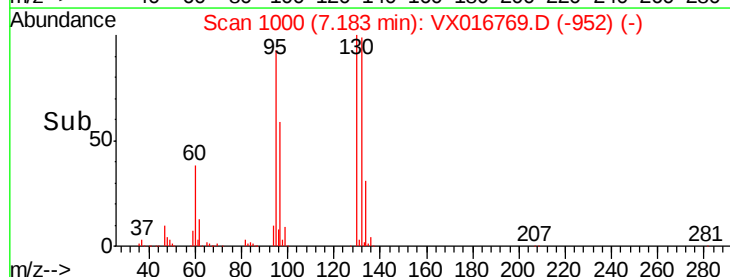
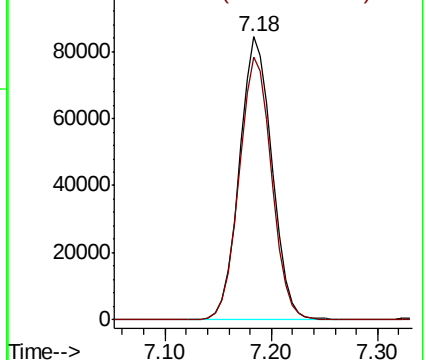
130 100

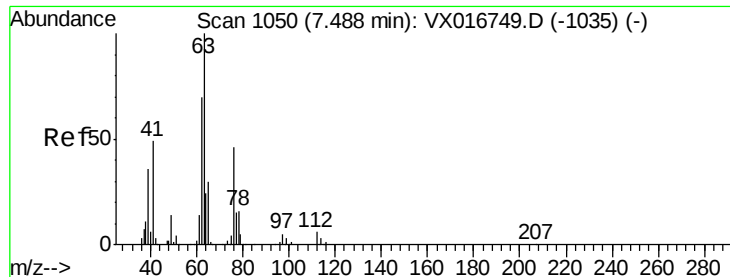
95 93.0 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.605 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

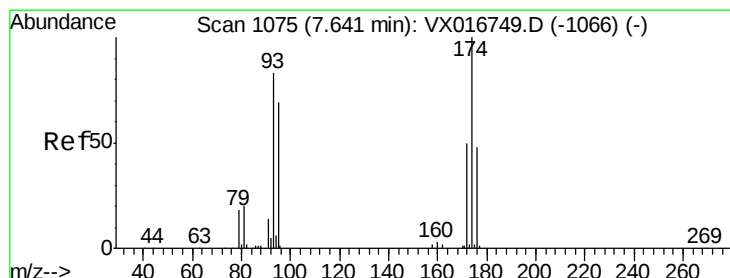
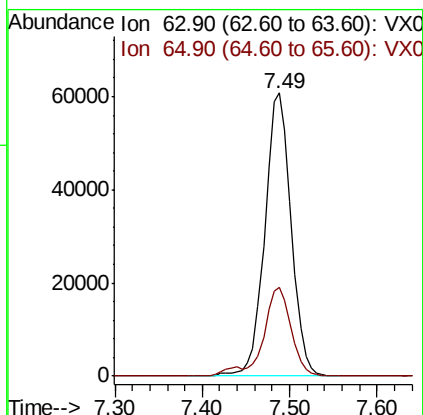
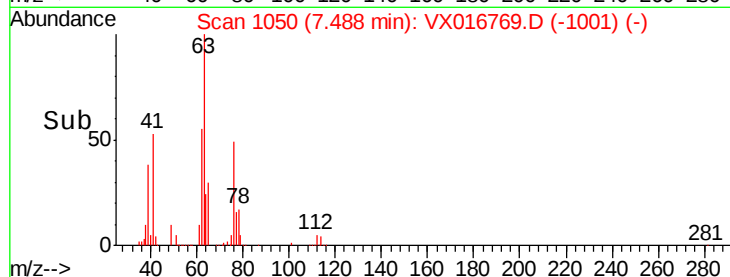
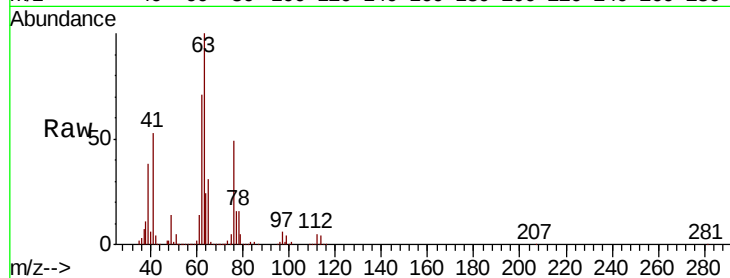
BFB

Tot Ion: 63 Resp: 128149

Ion Ratio Lower Upper

63 100

65 31.4 24.2 36.2



#46

Dibromomethane

Concen: 50.479 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

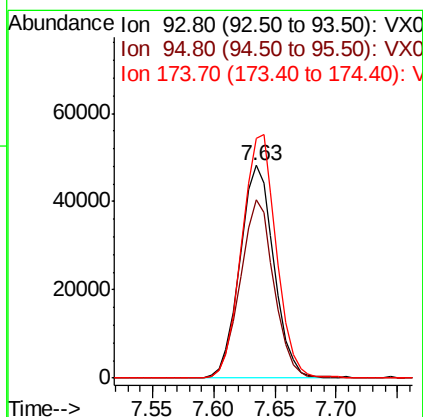
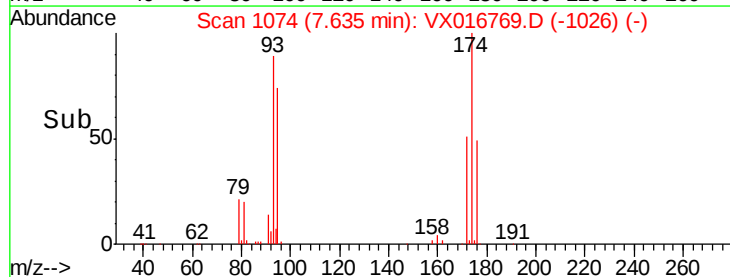
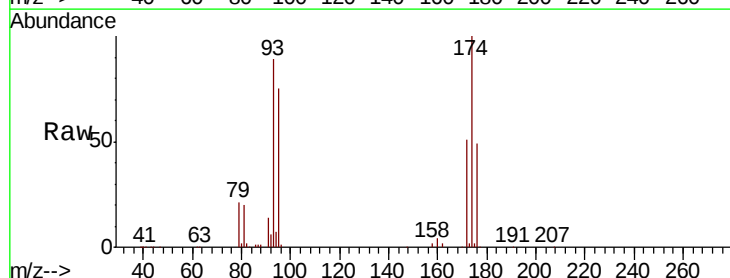
Tgt Ion: 93 Resp: 93168

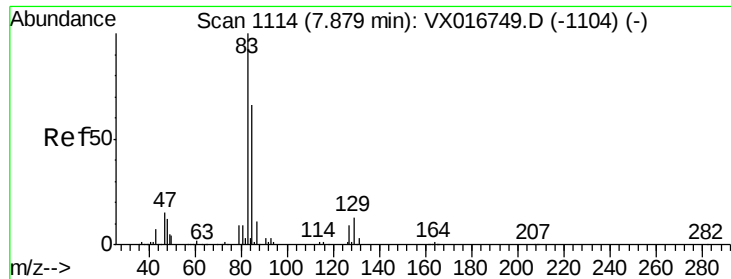
Ion Ratio Lower Upper

93 100

95 82.9 66.9 100.3

174 115.9 93.8 140.8





#47

Bromodichloromethane

Concen: 50.494 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

BFB

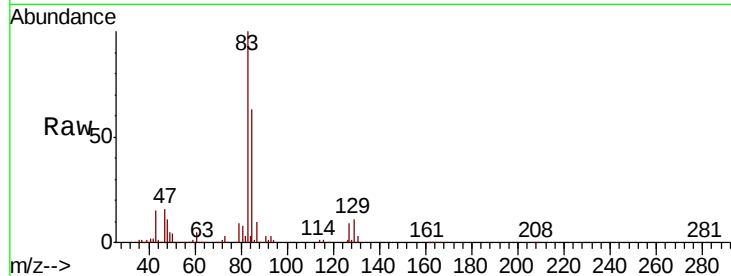
Tot Ion: 83 Resp: 194293

Ion Ratio Lower Upper

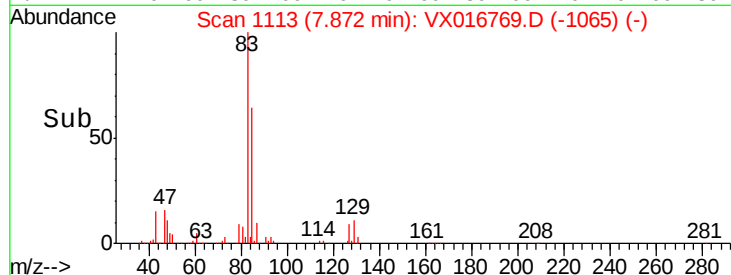
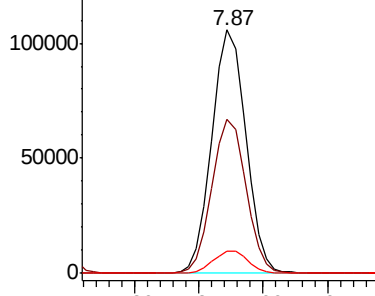
83 100

85 63.5 52.5 78.7

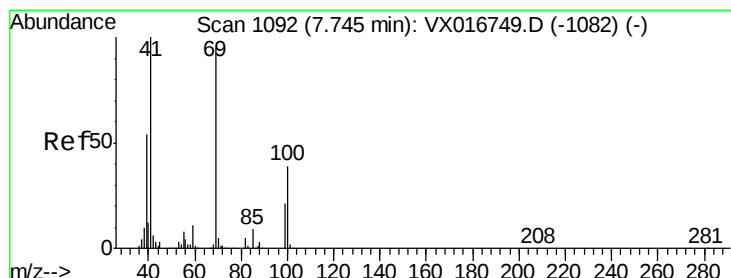
127 9.0 7.5 11.3



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



Time-->



#48

Methyl methacrylate

Concen: 53.694 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

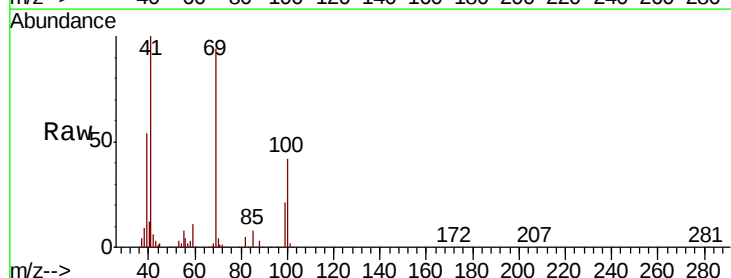
Tgt Ion: 41 Resp: 148201

Ion Ratio Lower Upper

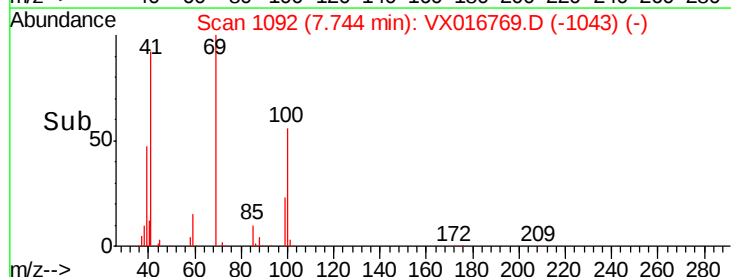
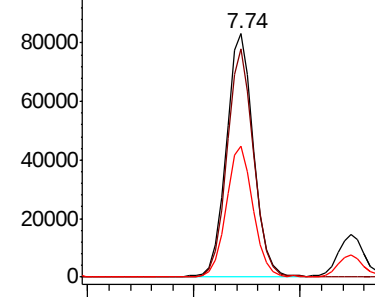
41 100

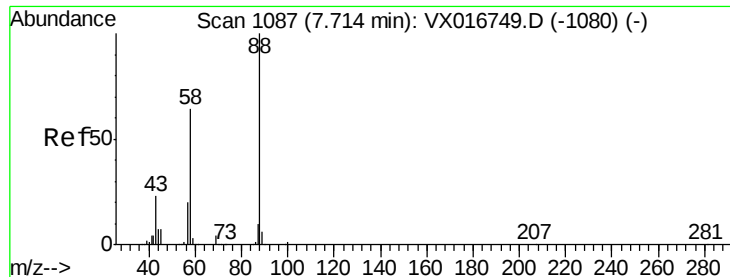
69 92.0 75.0 112.6

39 53.7 44.3 66.5



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: 1004.867 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

BFB

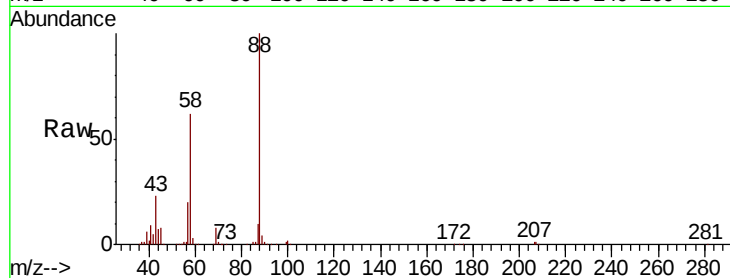
Tot Ion: 88 Resp: 68637

Ion Ratio Lower Upper

88 100

43 28.3 22.9 34.3

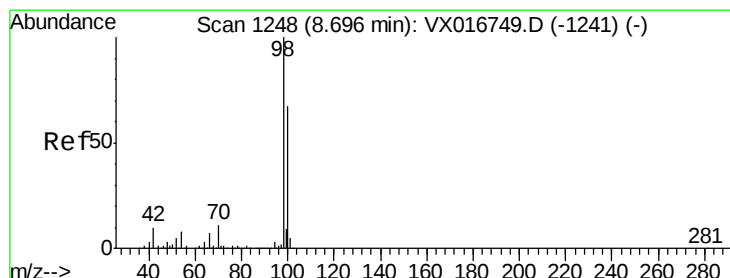
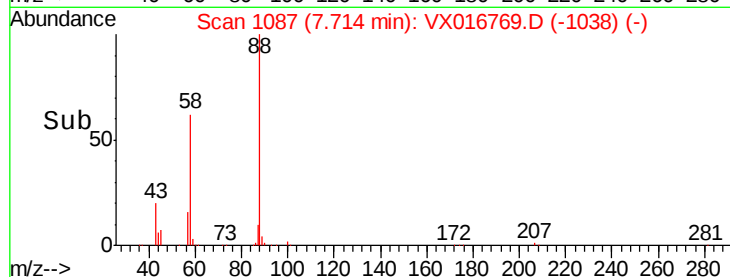
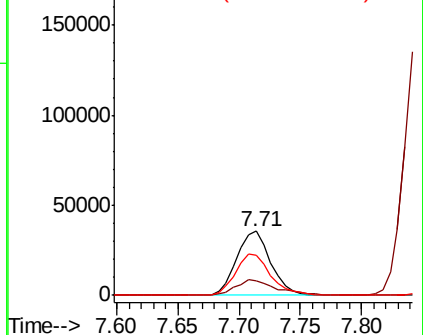
58 66.8 53.7 80.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.794 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016769.D

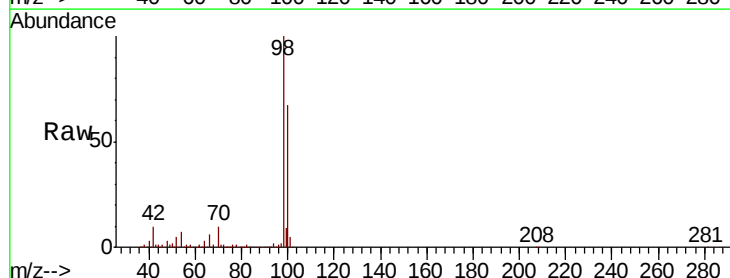
Acq: 16 Jun 2020 10:59

Tgt Ion: 98 Resp: 452393

Ion Ratio Lower Upper

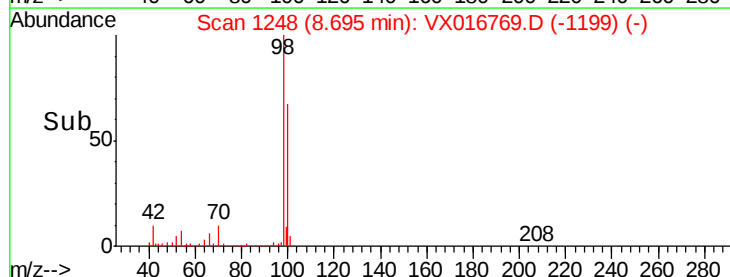
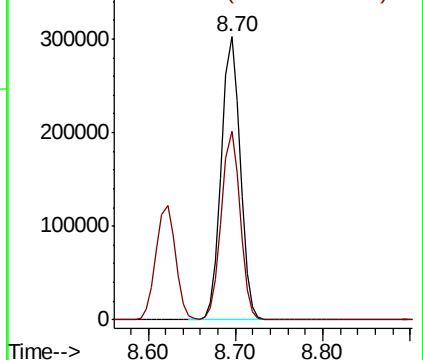
98 100

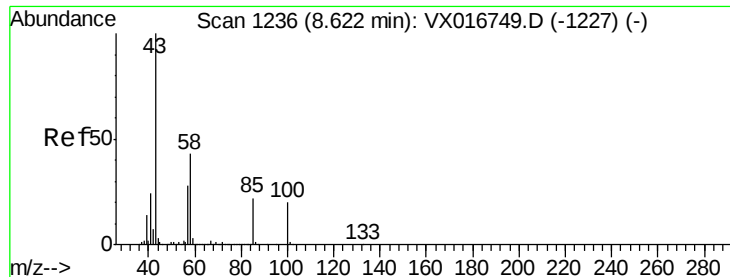
100 66.7 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 265.779 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

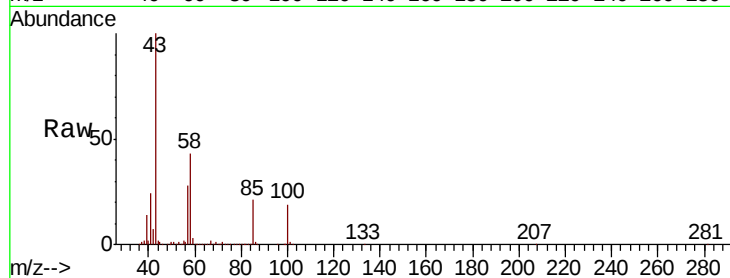
BFB

Tot Ion: 43 Resp: 953738

Ion Ratio Lower Upper

43 100

58 43.4 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

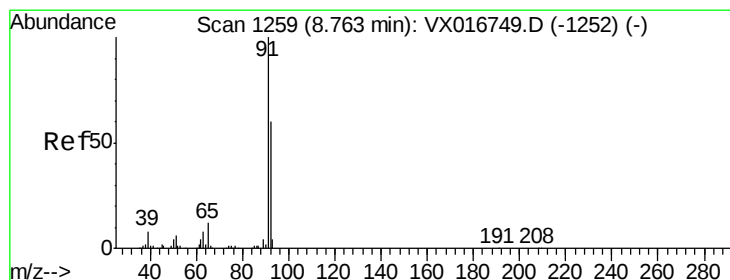
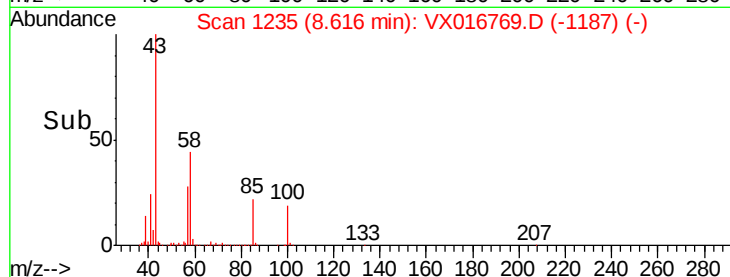
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.304 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016769.D

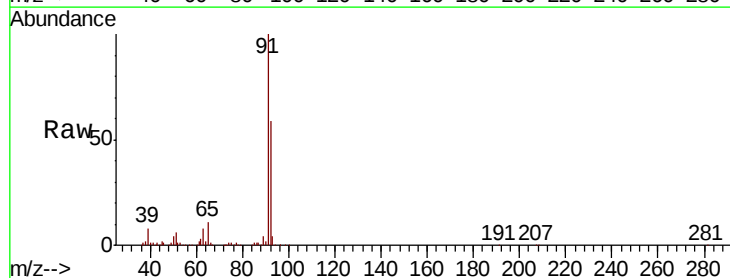
Acq: 16 Jun 2020 10:59

Tgt Ion: 92 Resp: 337544

Ion Ratio Lower Upper

92 100

91 169.1 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

400000

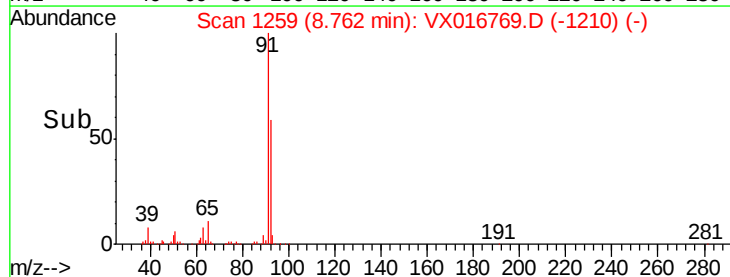
300000

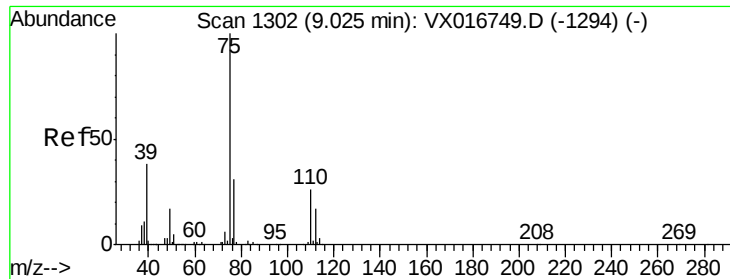
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.341 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

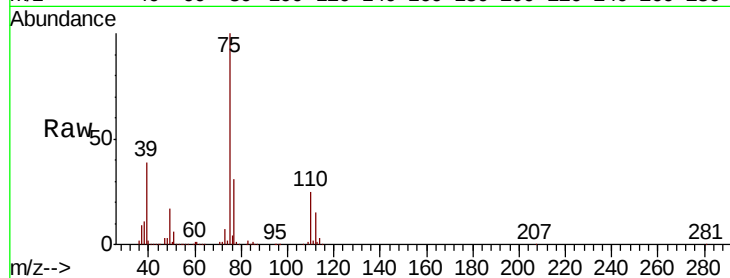
BFB

Tot Ion: 75 Resp: 223130

Ion Ratio Lower Upper

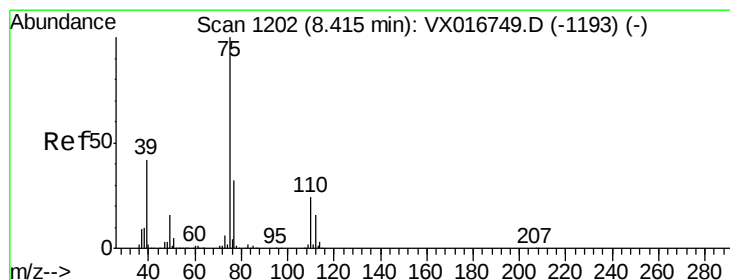
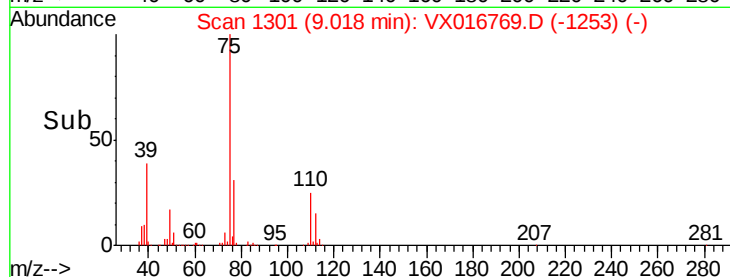
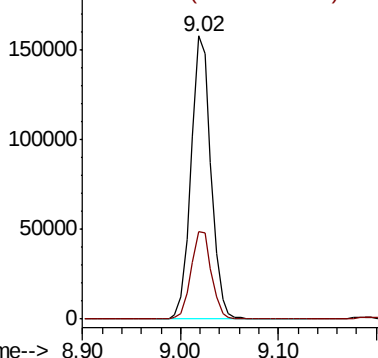
75 100

77 31.0 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.691 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

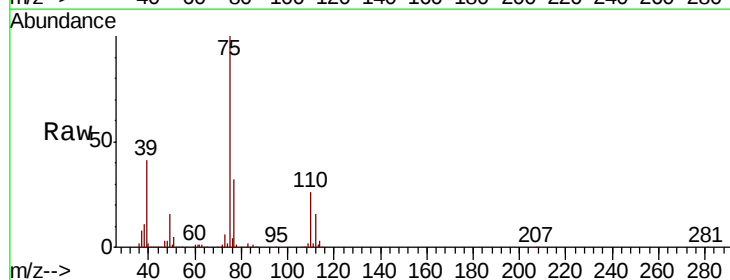
Tgt Ion: 75 Resp: 229802

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

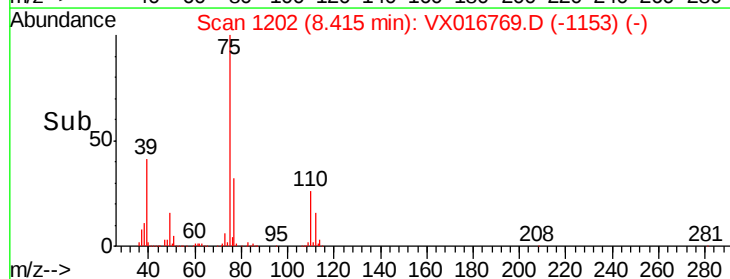
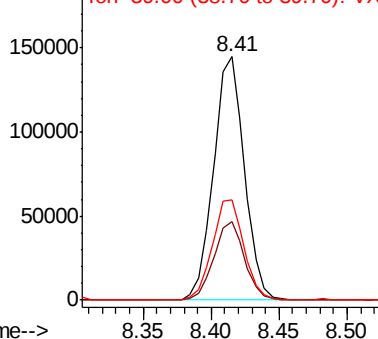
39 41.2 33.7 50.5

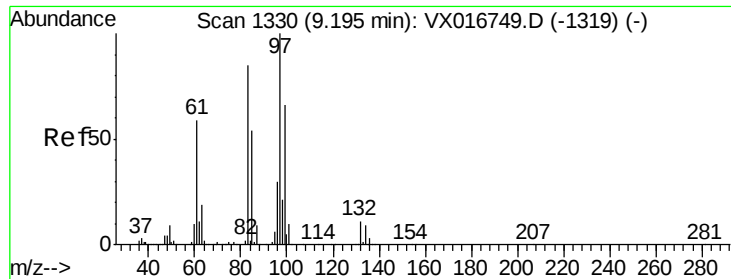


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

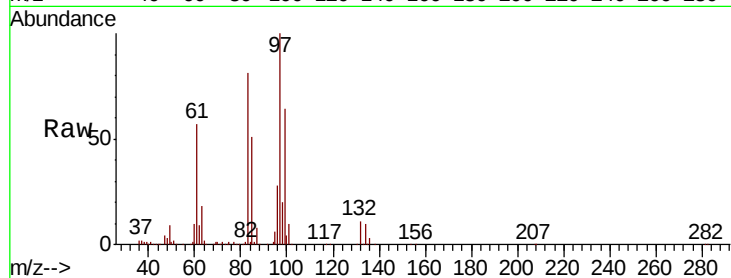




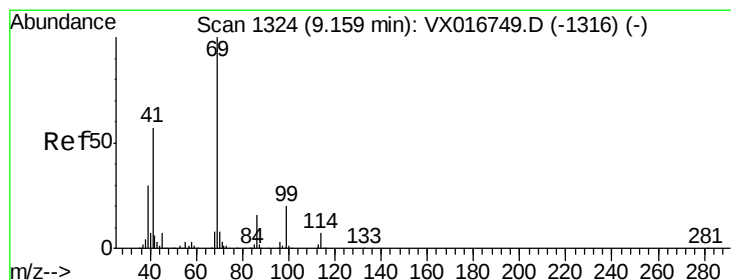
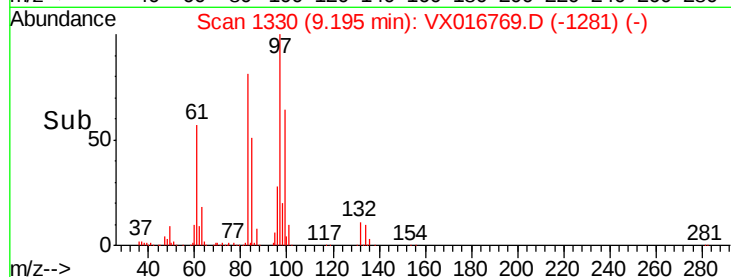
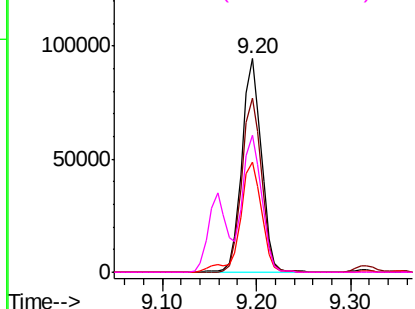
#55
 1,1,2-Trichloroethane
 Concen: 50.766 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016769.D
 Acq: 16 Jun 2020 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tot Ion:	97	Resp:	136992
Ion	Ratio	Lower	Upper
97	100		
83	81.3	68.3	102.5
85	51.5	43.5	65.3
99	64.1	52.4	78.6

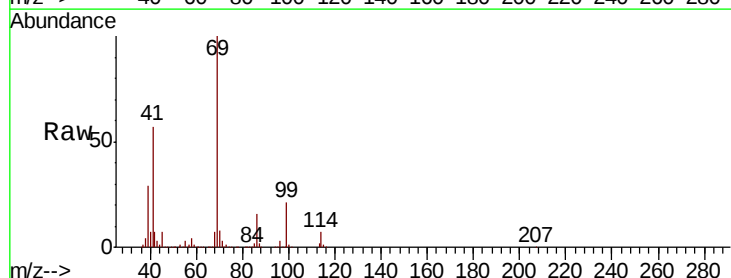


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

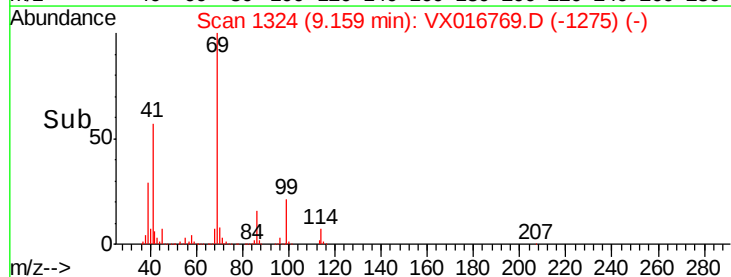
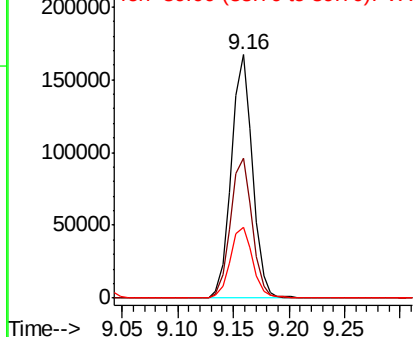


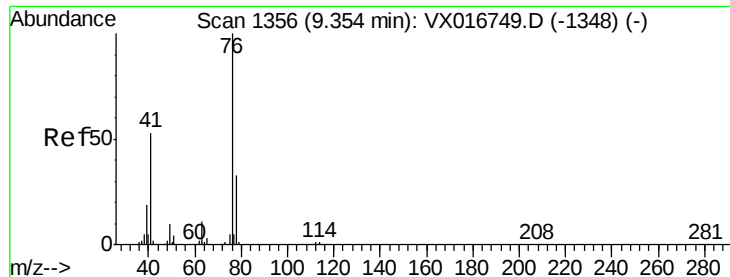
#56
 Ethyl methacrylate
 Concen: 54.245 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016769.D
 Acq: 16 Jun 2020 10:59

Tgt Ion:	69	Resp:	219165
Ion	Ratio	Lower	Upper
69	100		
41	59.0	47.1	70.7
39	31.0	25.0	37.6



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: 50.739 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampled :

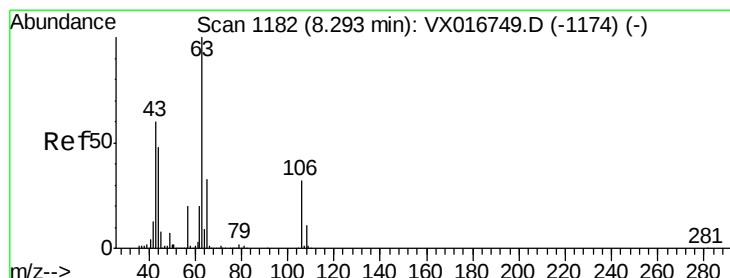
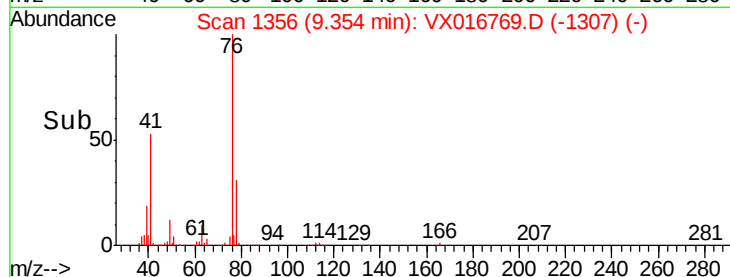
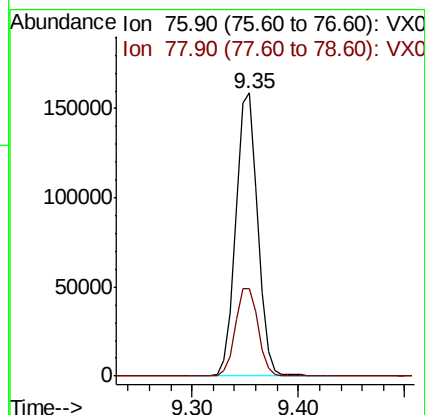
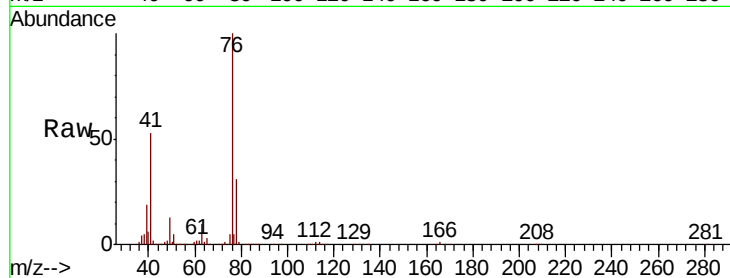
BFB

Tot Ion: 76 Resp: 230158

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 273.830 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016769.D

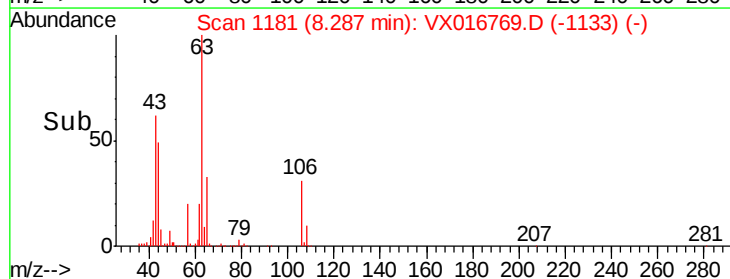
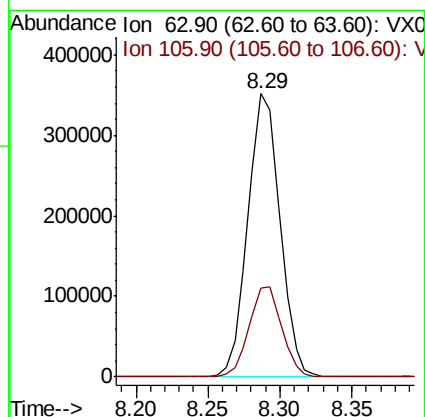
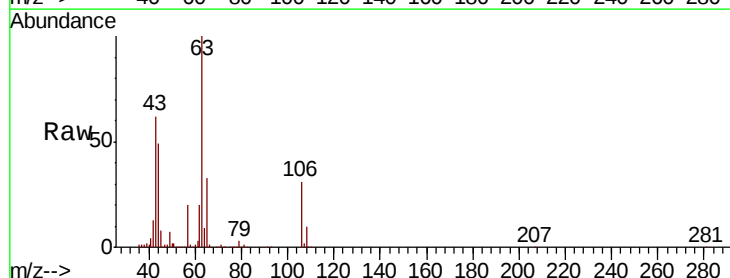
Acq: 16 Jun 2020 10:59

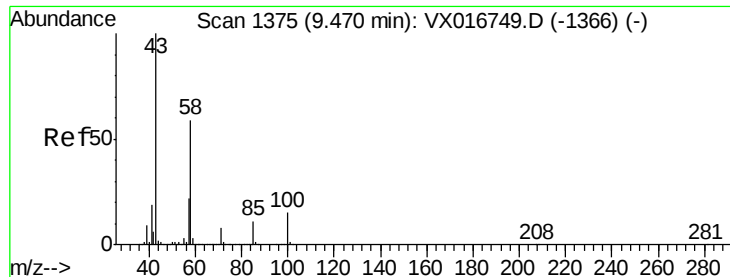
Tgt Ion: 63 Resp: 543983

Ion Ratio Lower Upper

63 100

106 32.1 25.5 38.3

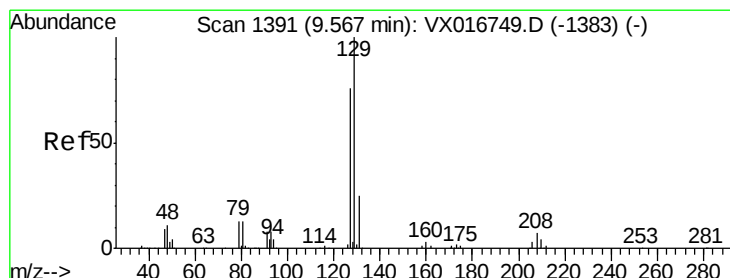
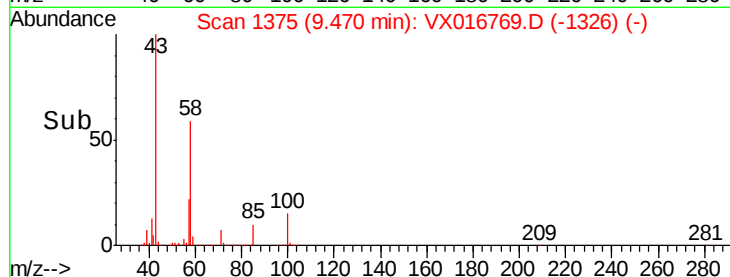
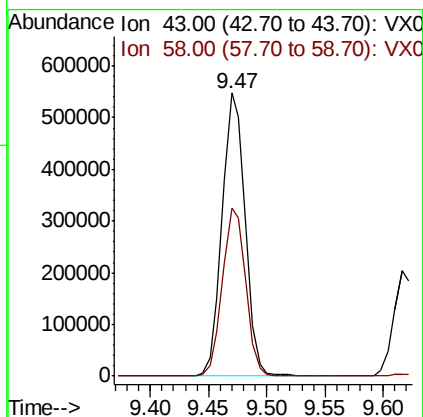
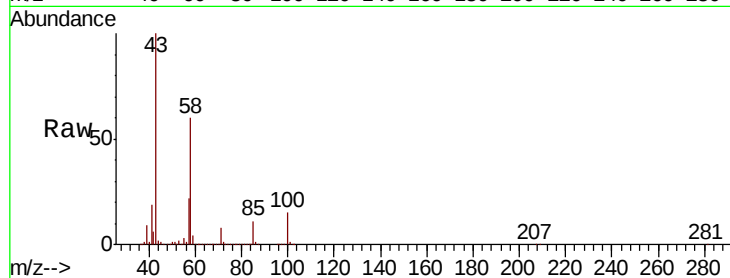




#59
2-Hexanone
Concen: 269.198 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

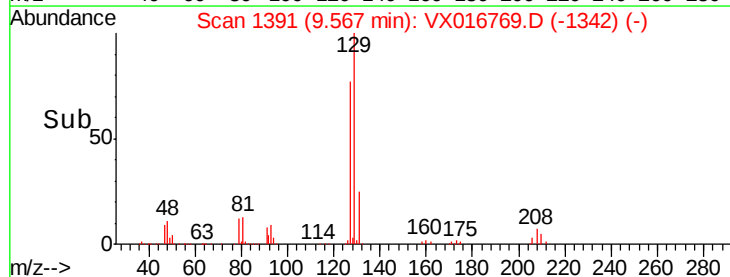
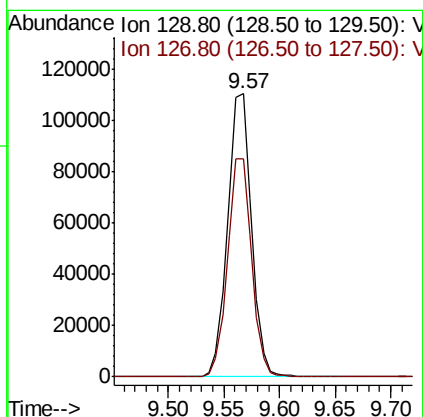
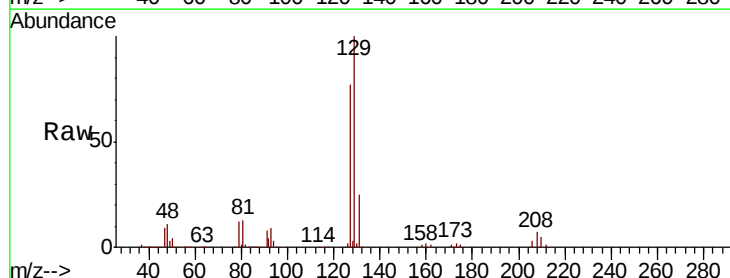
Instrument :
MSVOA_X
ClientSampleId :
BFB

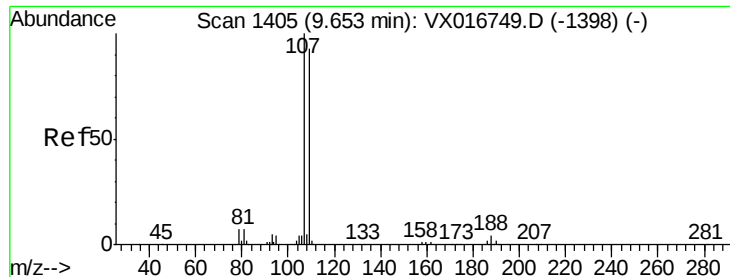
Tot Ion: 43 Resp: 745723
Ion Ratio Lower Upper
43 100
58 60.3 29.9 89.8



#60
Dibromochloromethane
Concen: 51.508 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

Tgt Ion: 129 Resp: 164273
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





#61

1,2-Dibromoethane

Concen: 51.171 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

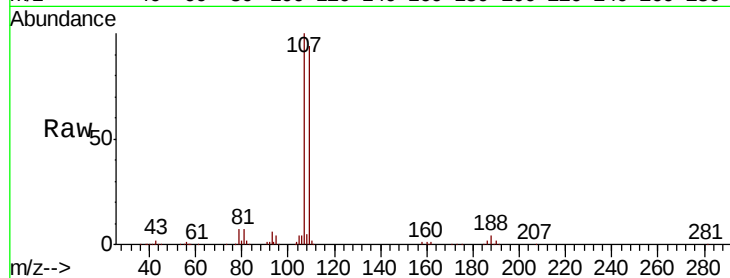
BFB

Tot Ion:107 Resp: 150490

Ion Ratio Lower Upper

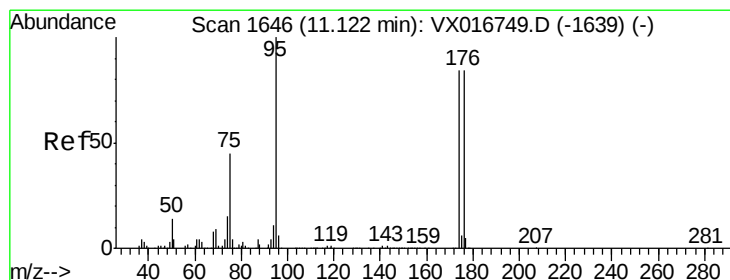
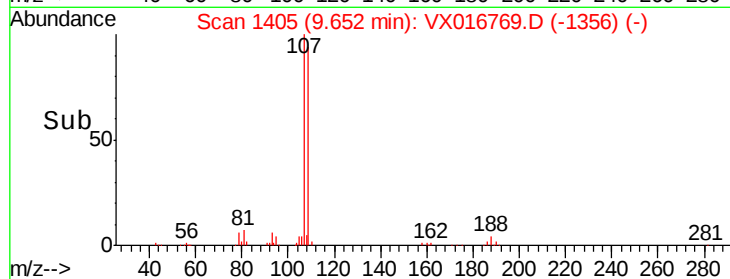
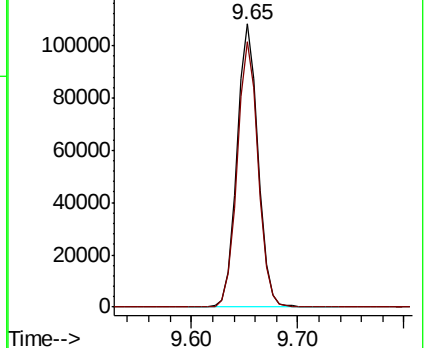
107 100

109 93.3 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.009 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

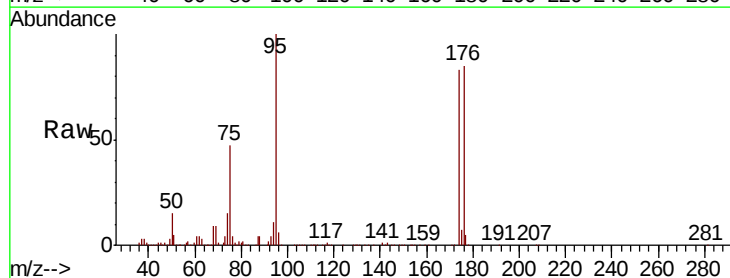
Tgt Ion: 95 Resp: 170416

Ion Ratio Lower Upper

95 100

174 83.8 0.0 171.0

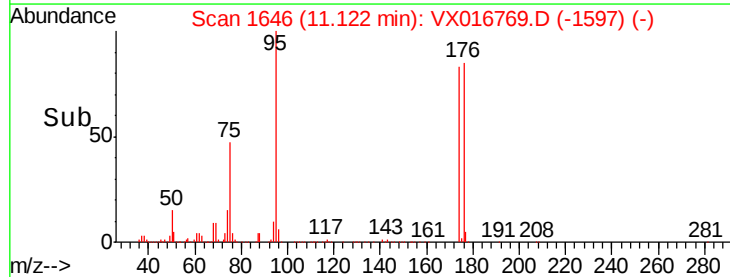
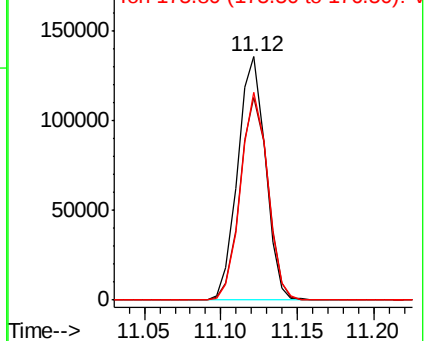
176 83.4 0.0 166.2

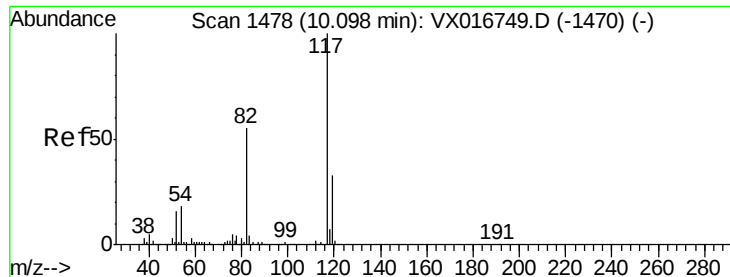


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

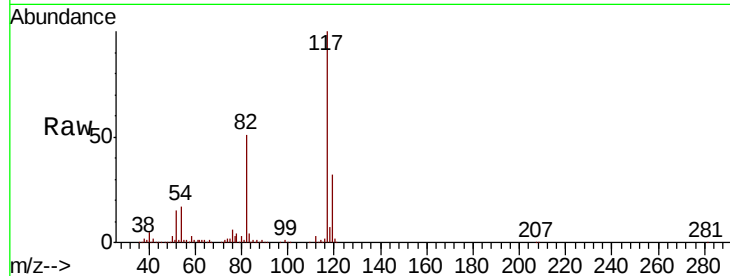




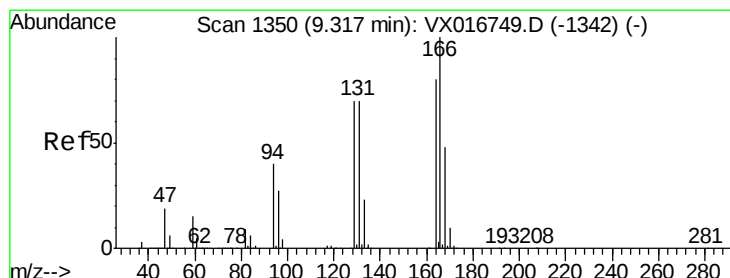
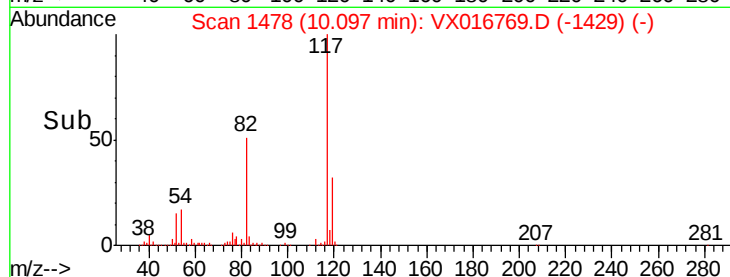
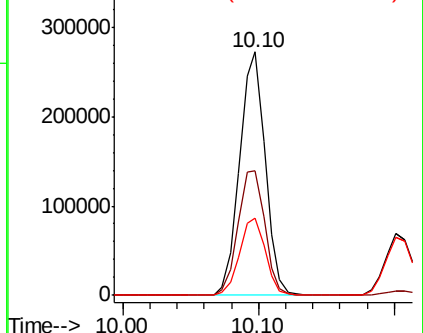
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion:117 Resp: 357183
Ion Ratio Lower Upper
117 100
82 51.4 43.8 65.6
119 31.7 26.2 39.4

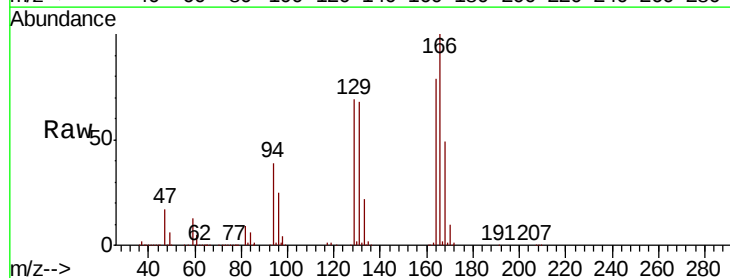


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

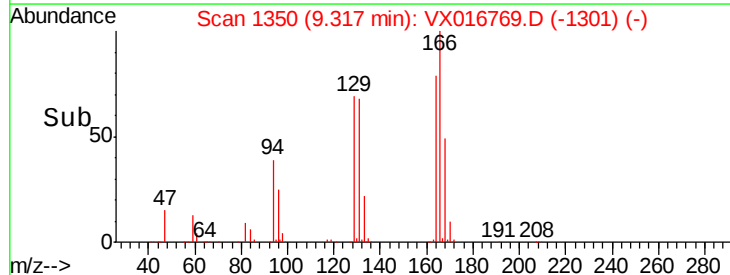
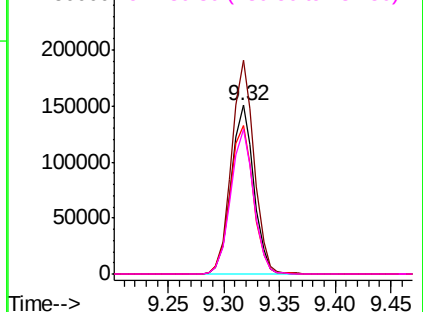


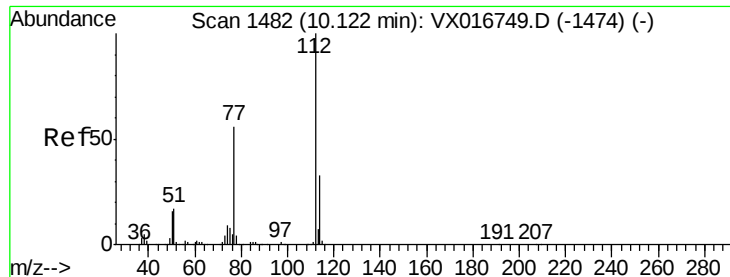
#64
Tetrachloroethene
Concen: 61.696 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

Tgt Ion:164 Resp: 211609
Ion Ratio Lower Upper
164 100
166 126.5 100.6 150.8
129 87.6 70.1 105.1
131 85.6 70.8 106.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

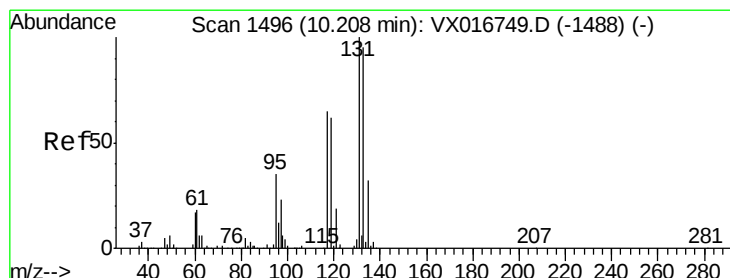
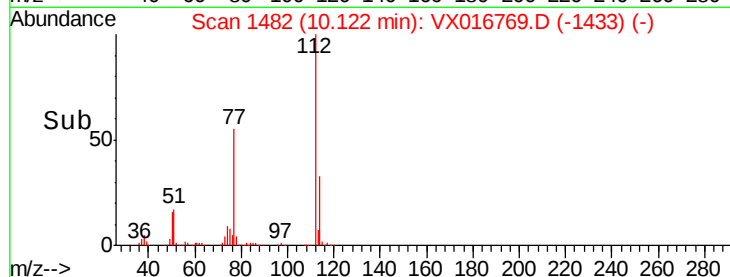
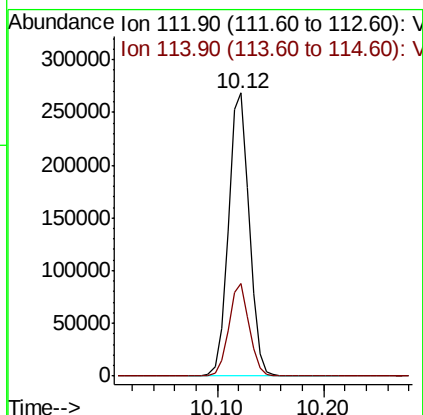
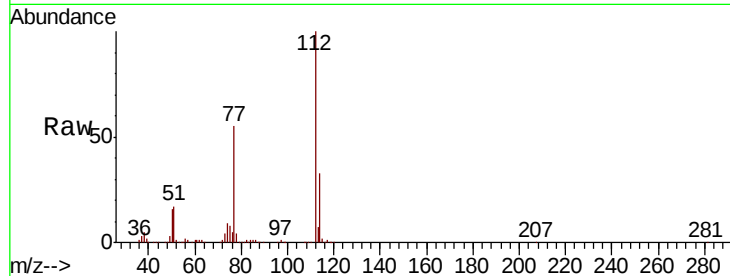




#65
Chlorobenzene
Concen: 50.470 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

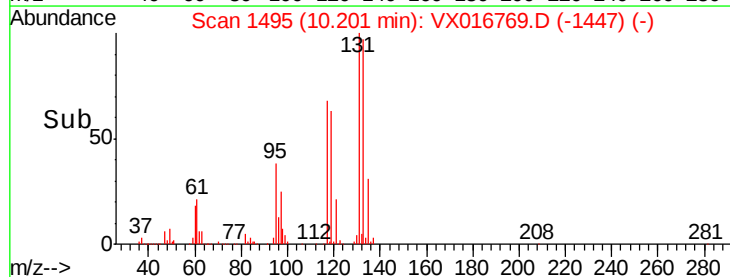
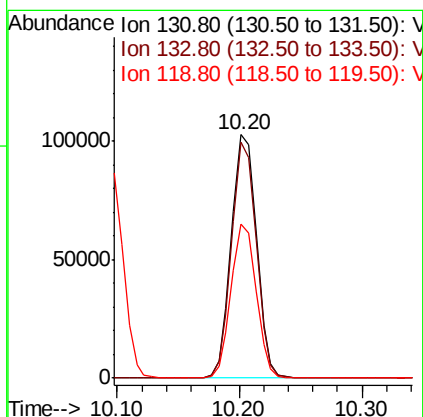
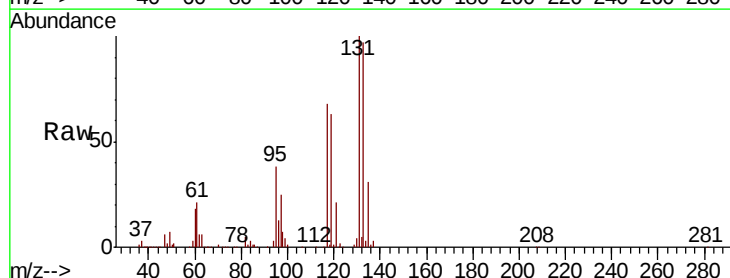
Instrument :
MSVOA_X
ClientSampleId :
BFB

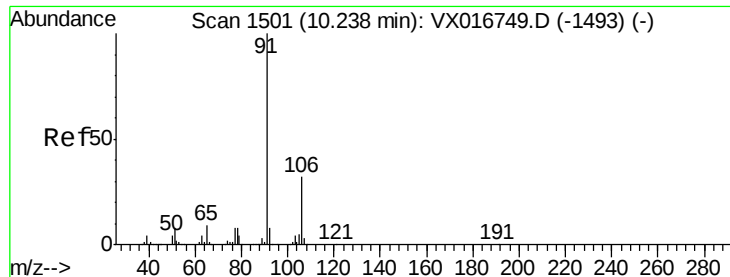
Tot Ion:112 Resp: 365790
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.810 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

Tgt Ion:131 Resp: 146907
Ion Ratio Lower Upper
131 100
133 95.0 46.8 140.3
119 63.0 31.4 94.0





#67

Ethyl Benzene

Concen: 51.855 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampled :

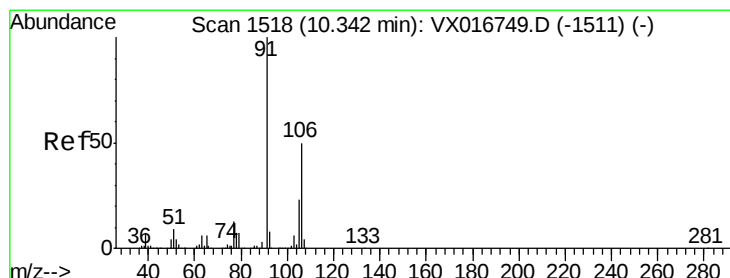
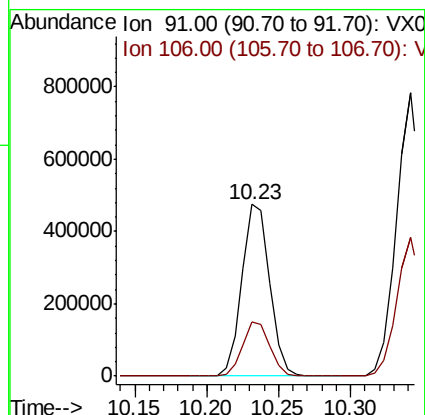
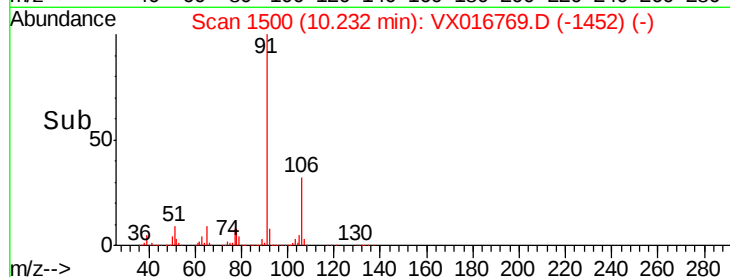
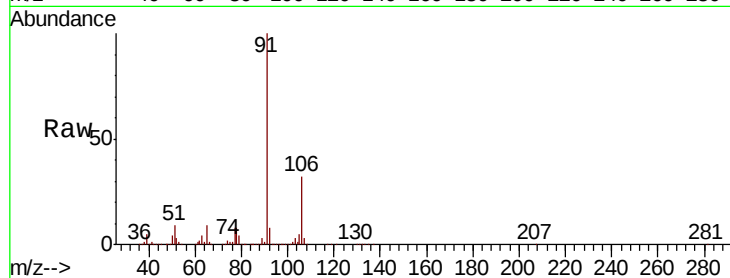
BFB

Tot Ion: 91 Resp: 635341

Ion Ratio Lower Upper

91 100

106 31.6 25.3 37.9



#68

m/p-Xylenes

Concen: 105.496 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016769.D

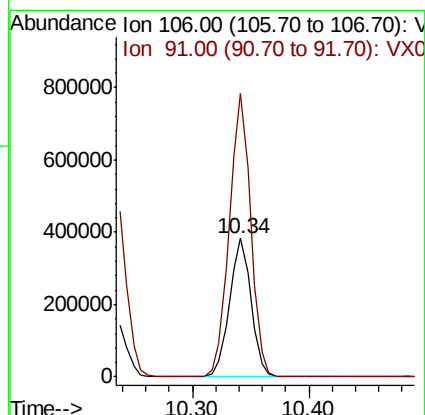
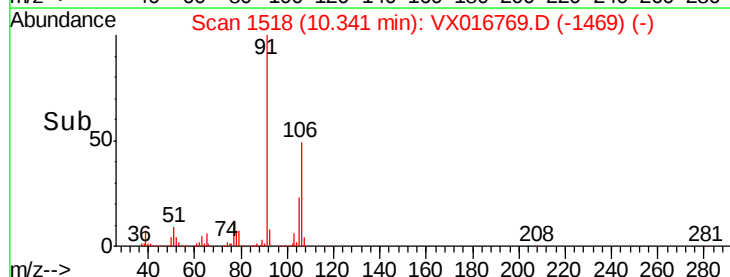
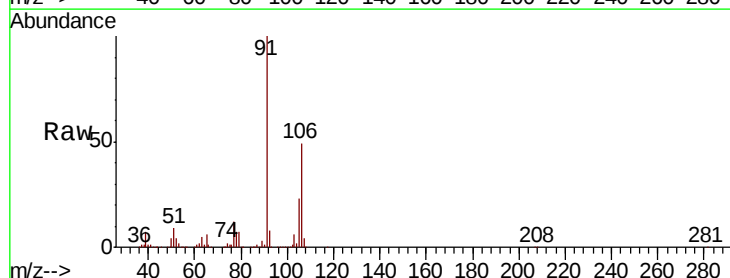
Acq: 16 Jun 2020 10:59

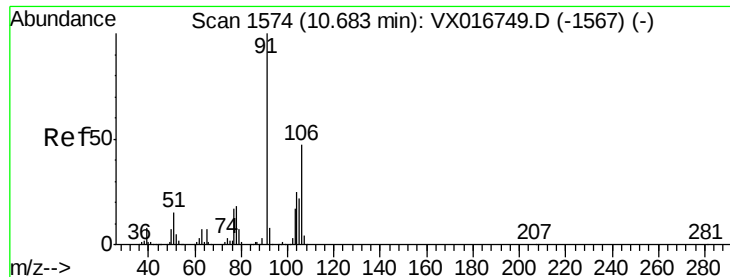
Tgt Ion: 106 Resp: 490085

Ion Ratio Lower Upper

106 100

91 203.6 161.2 241.8

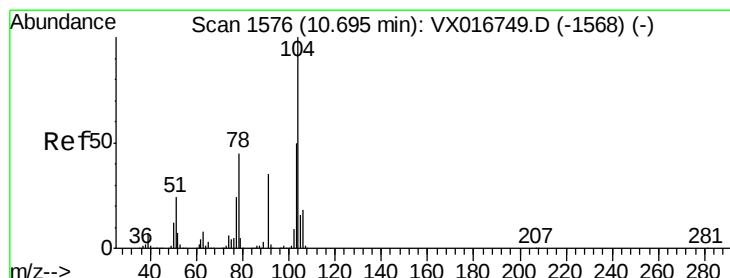
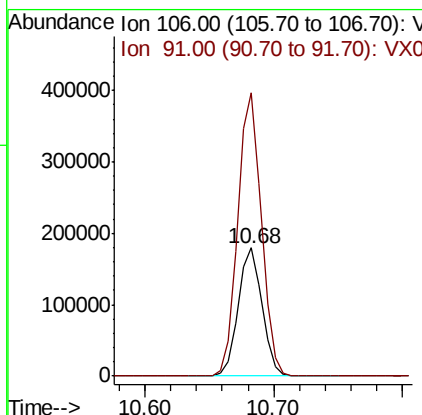
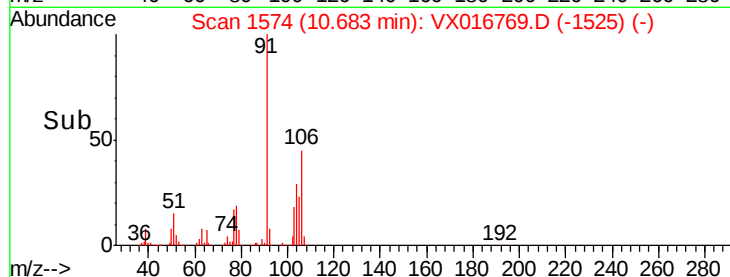
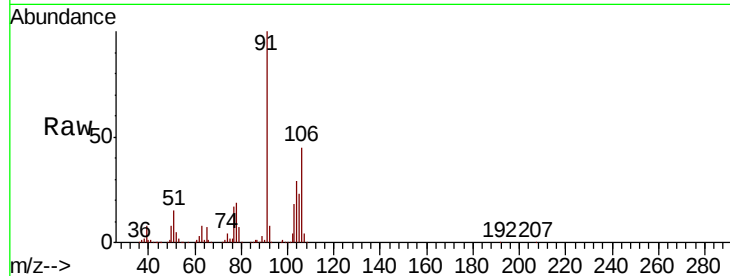




#69
o-Xylene
Concen: 51.060 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

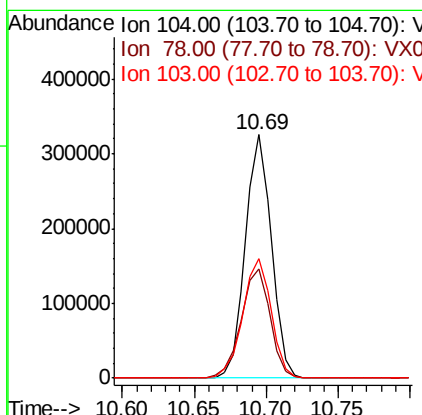
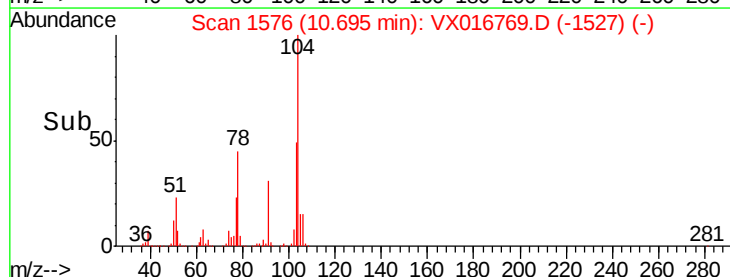
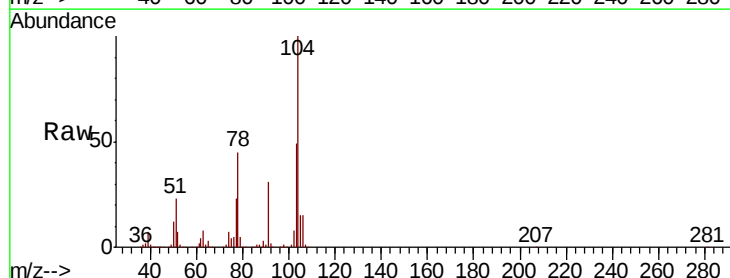
Instrument :
MSVOA_X
ClientSampled :
BFB

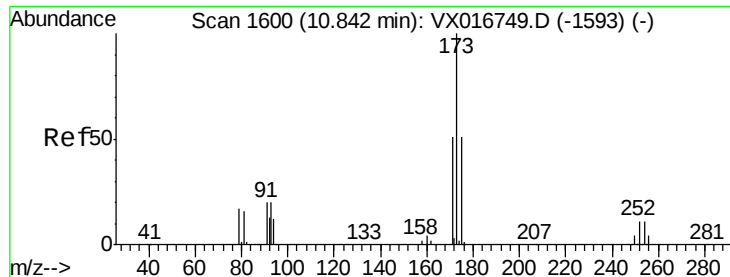
Tot Ion:106 Resp: 228516
Ion Ratio Lower Upper
106 100
91 220.6 106.9 320.8



#70
Styrene
Concen: 52.663 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

Tgt Ion:104 Resp: 407437
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.8
103 53.7 43.4 65.2





#71

Bromoform

Concen: 53.367 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampled :

BFB

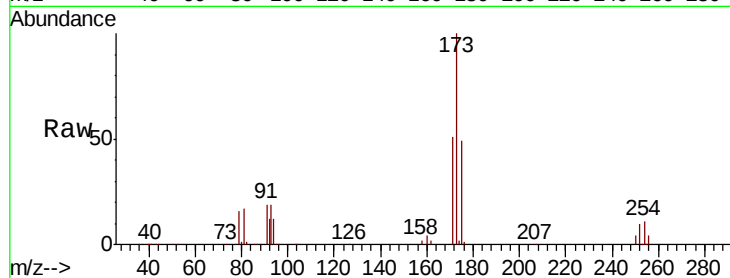
Tot Ion:173 Resp: 131651

Ion Ratio Lower Upper

173 100

175 49.9 25.1 75.4

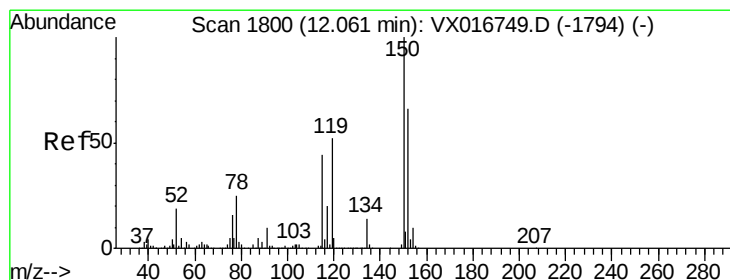
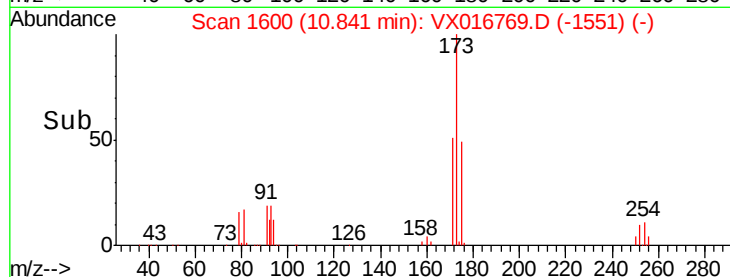
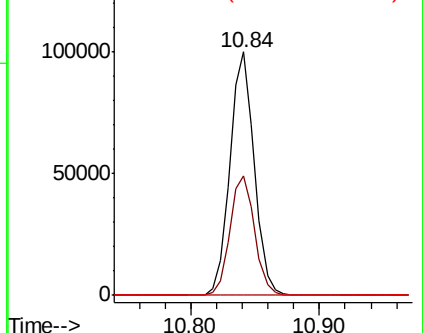
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

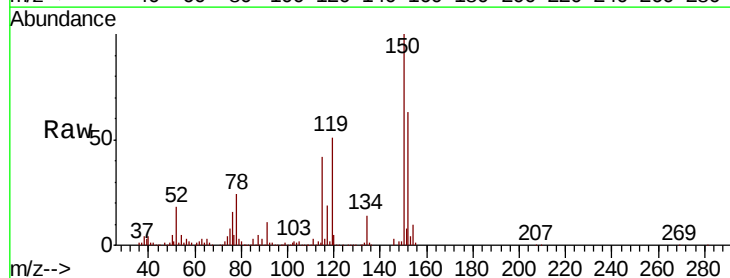
Tgt Ion:152 Resp: 180854

Ion Ratio Lower Upper

152 100

115 80.2 40.3 120.8

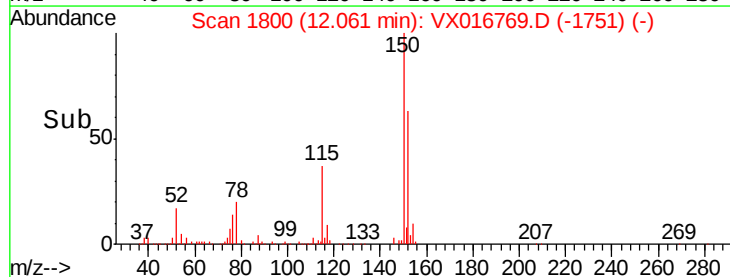
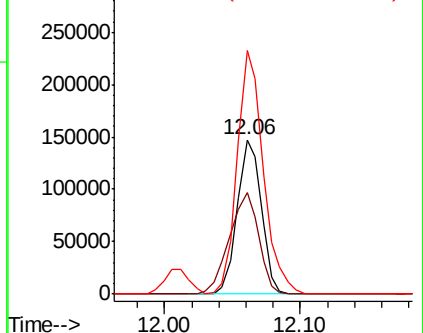
150 171.8 0.0 337.4

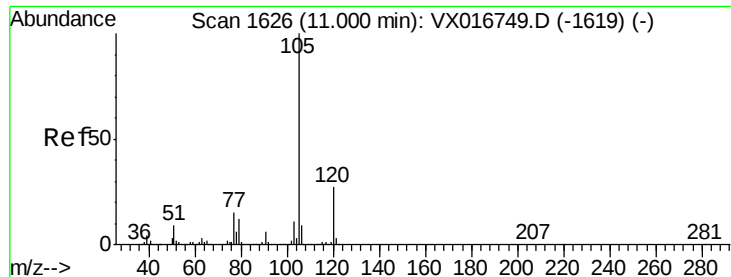


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.328 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampled :

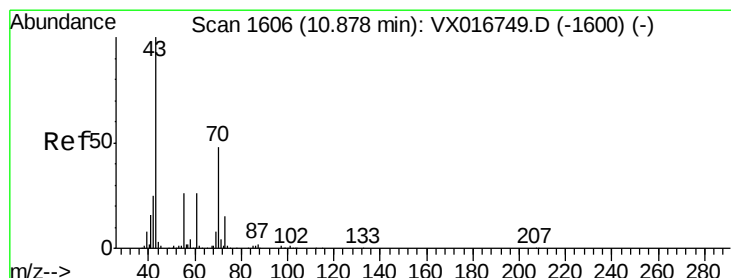
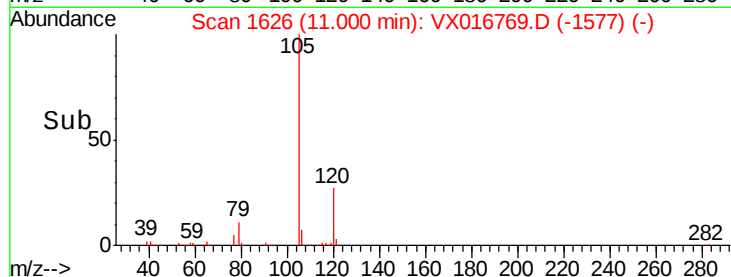
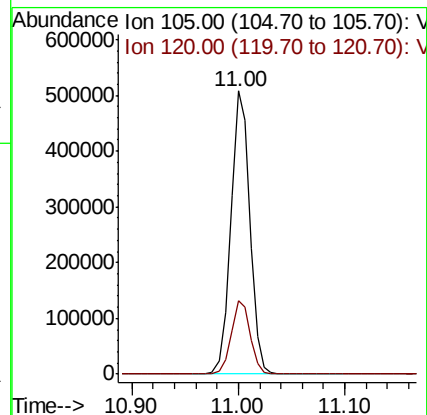
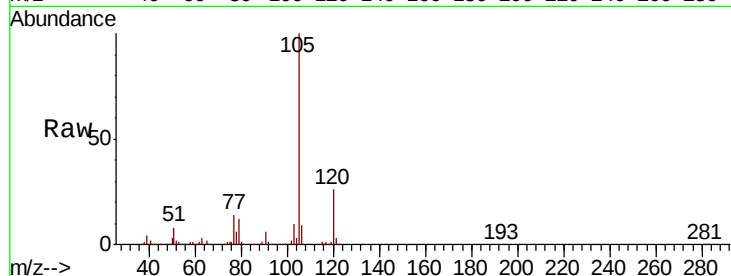
BFB

Tot Ion:105 Resp: 632842

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.5



#74

N-ethyl acetate

Concen: 56.090 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Tgt Ion: 43 Resp: 258702

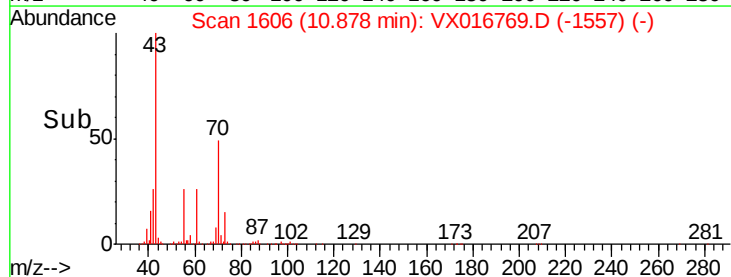
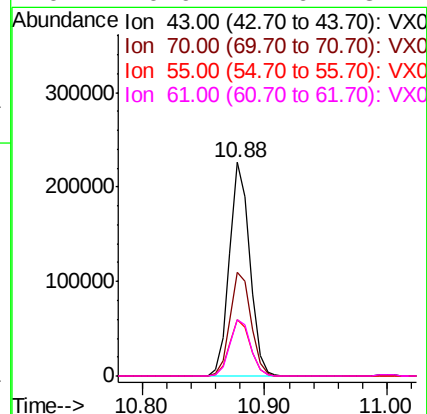
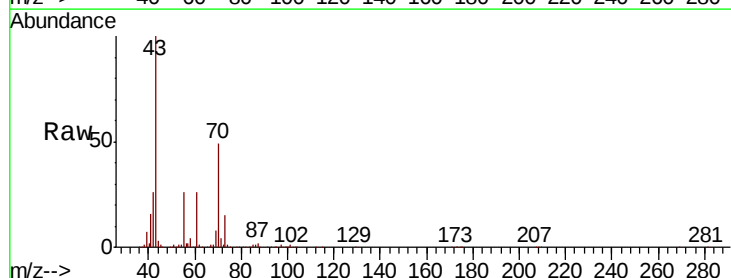
Ion Ratio Lower Upper

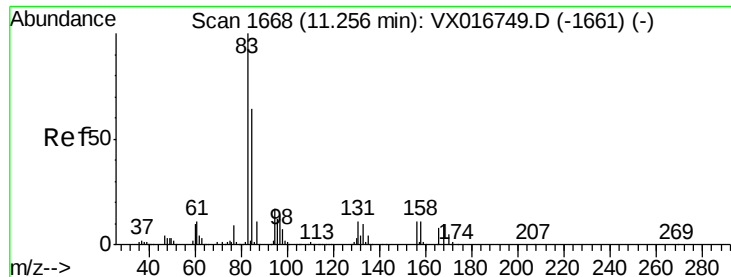
43 100

70 49.8 39.8 59.6

55 27.0 21.7 32.5

61 26.9 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 40.677 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

BFB

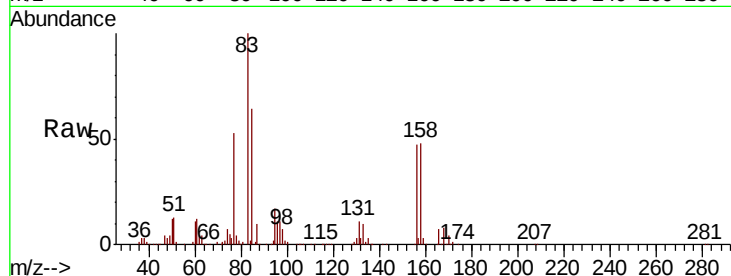
Tot Ion: 83 Resp: 141996

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

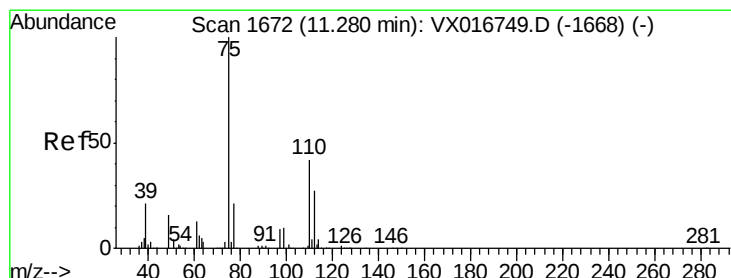
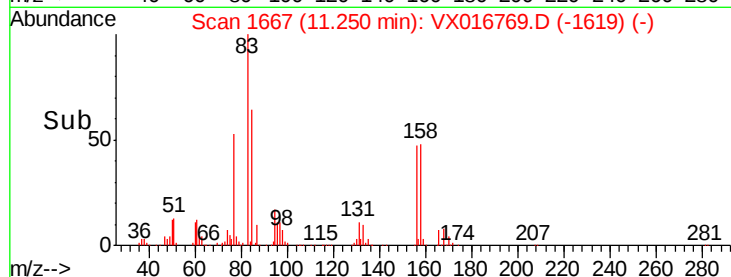
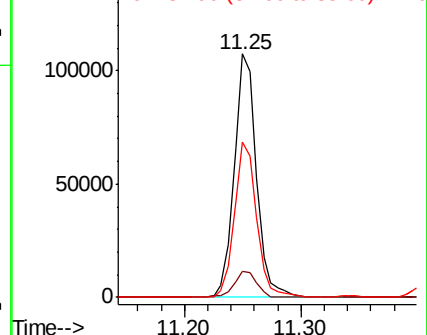
85 64.1 32.4 97.2



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: 68.086 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016769.D

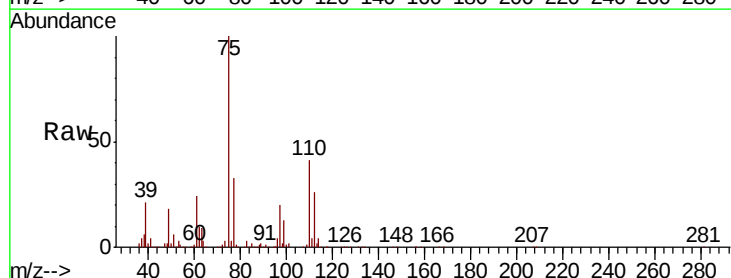
Acq: 16 Jun 2020 10:59

Tgt Ion: 75 Resp: 258950

Ion Ratio Lower Upper

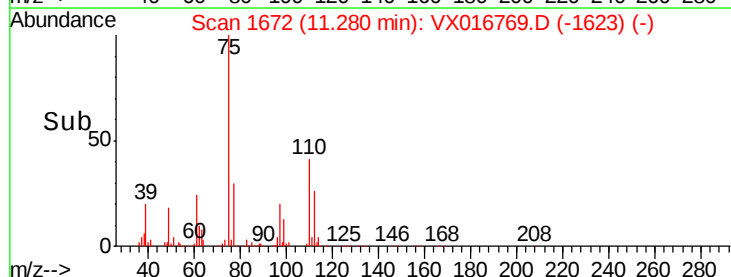
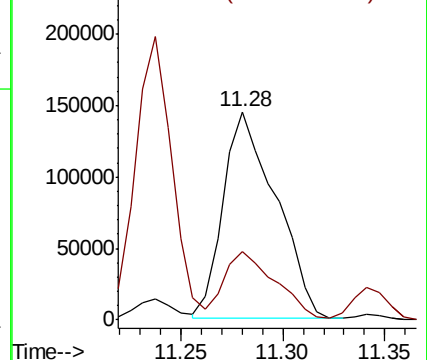
75 100

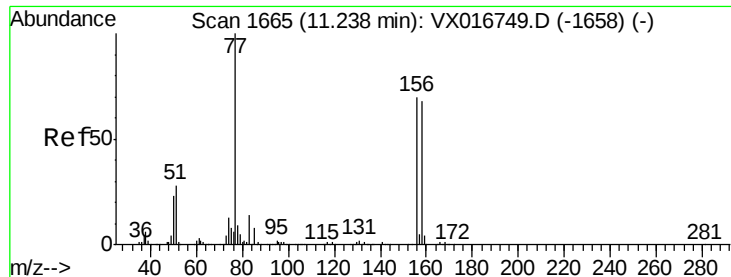
77 32.3 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.342 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampled :

BFB

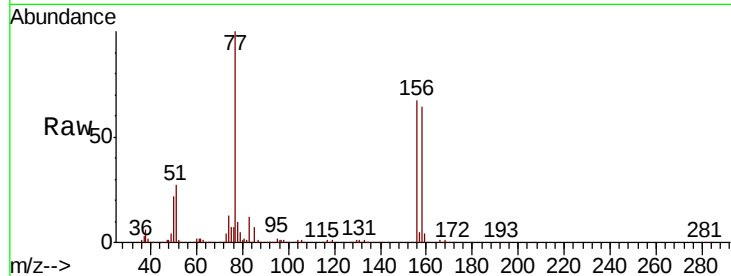
Tot Ion:156 Resp: 168679

Ion Ratio Lower Upper

156 100

77 147.2 73.2 219.6

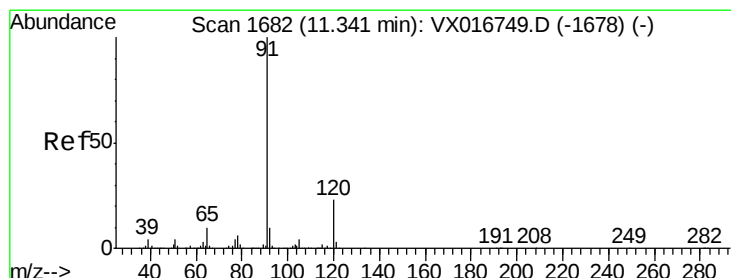
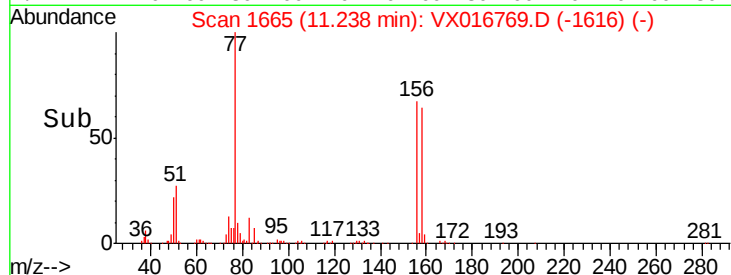
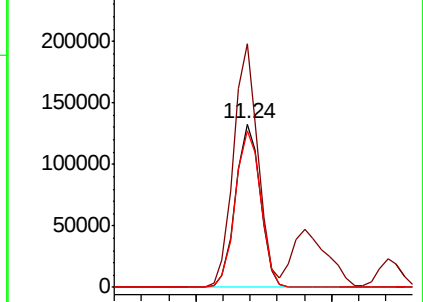
158 98.0 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.253 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016769.D

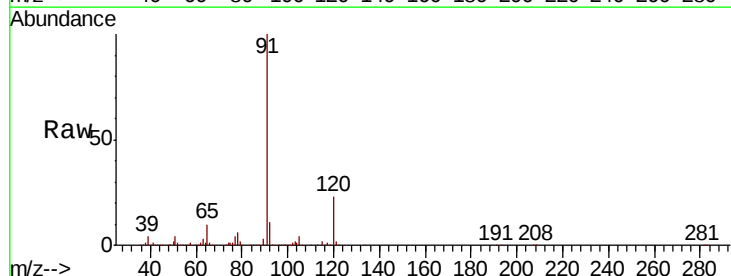
Acq: 16 Jun 2020 10:59

Tgt Ion: 91 Resp: 699181

Ion Ratio Lower Upper

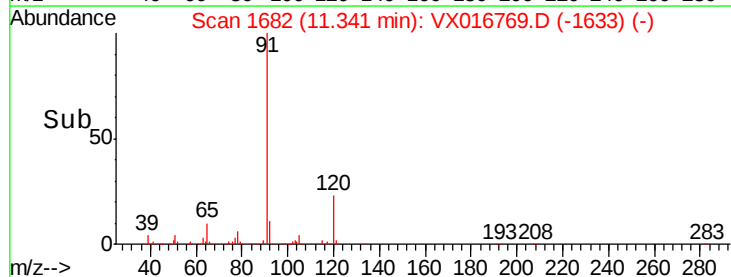
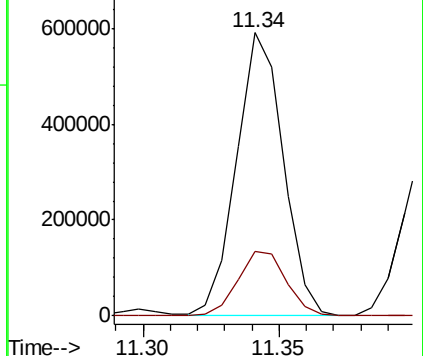
91 100

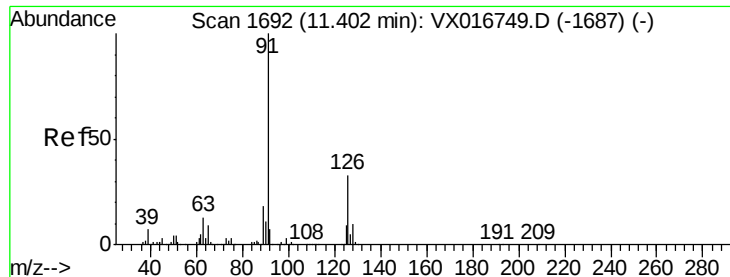
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

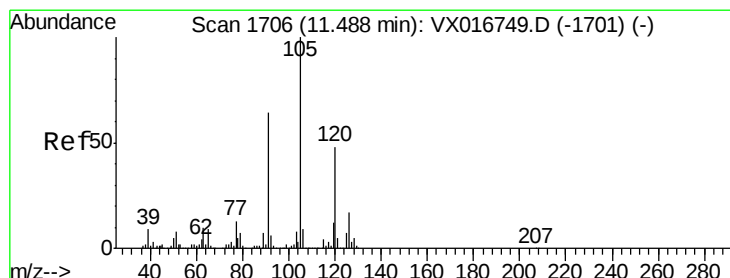
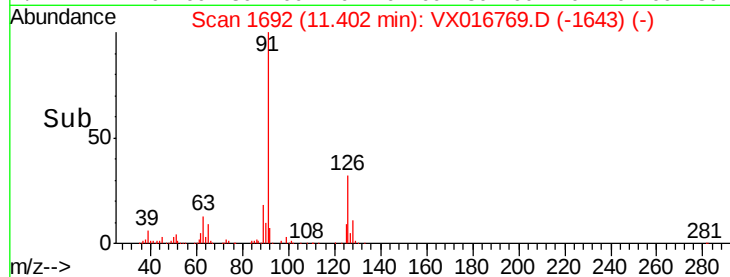
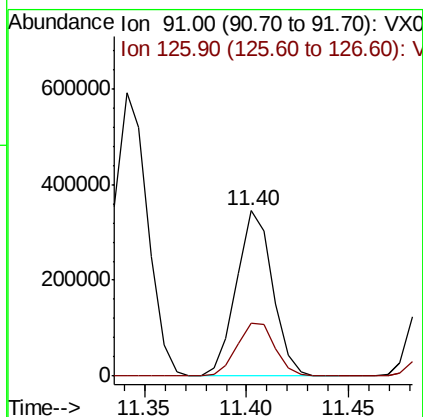
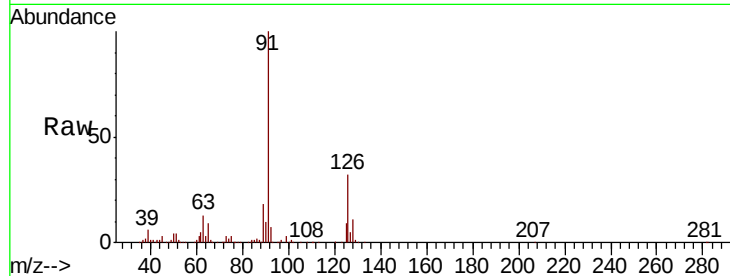




#79
 2-Chlorotoluene
 Concen: 51.918 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016769.D
 Acq: 16 Jun 2020 10:59

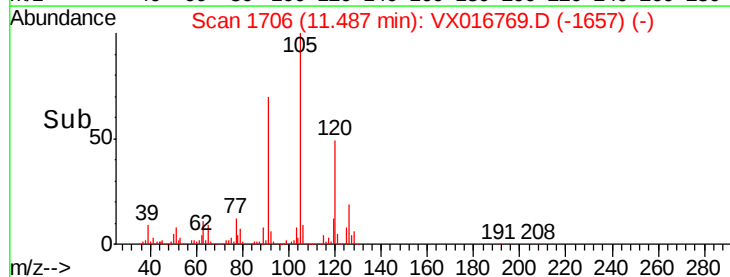
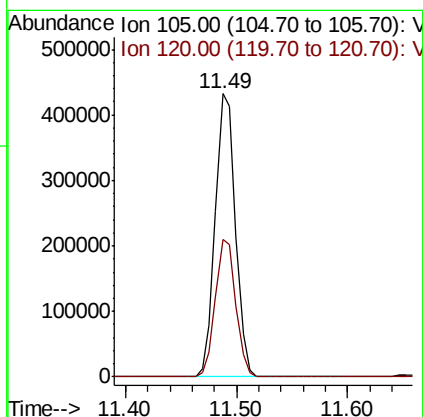
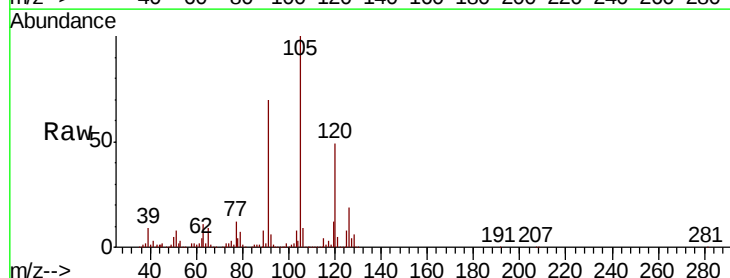
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

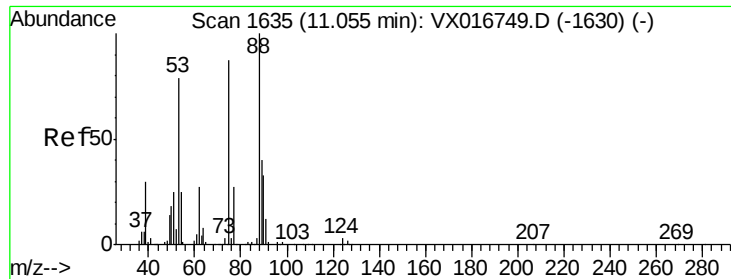
Tot Ion: 91 Resp: 423097
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 54.601 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX016769.D
 Acq: 16 Jun 2020 10:59

Tgt Ion: 105 Resp: 543157
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 51.673 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

BFB

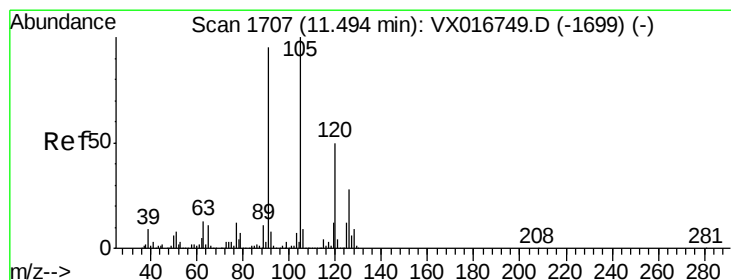
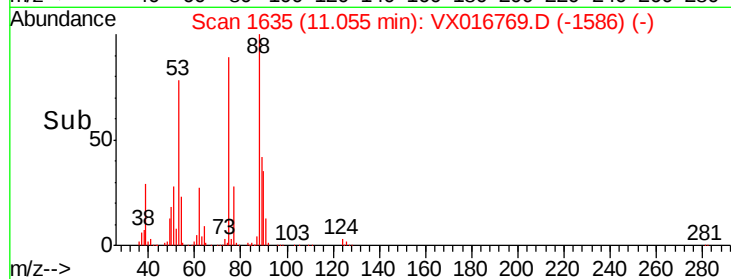
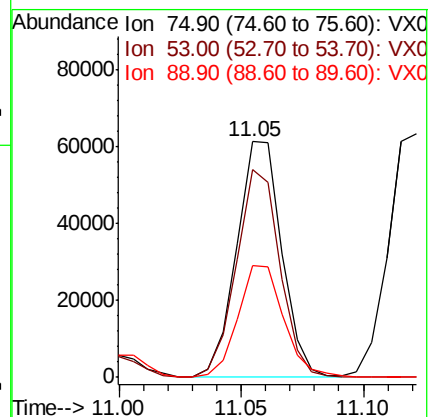
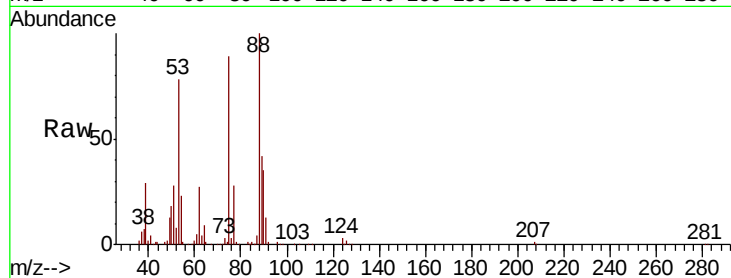
Tot Ion: 75 Resp: 78065

Ion Ratio Lower Upper

75 100

53 85.7 71.4 107.0

89 48.8 39.1 58.7



#82

4-Chlorotoluene

Concen: 51.898 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016769.D

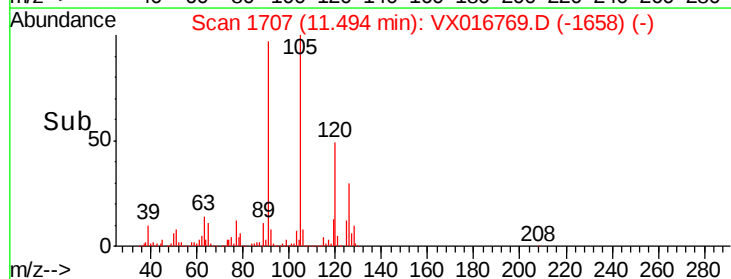
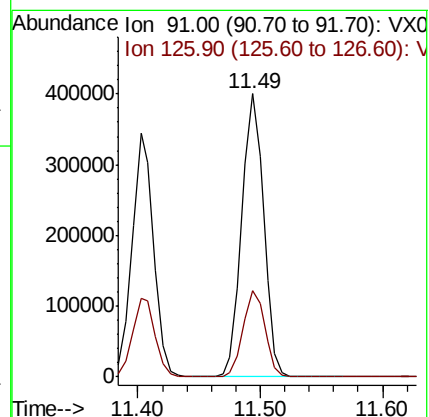
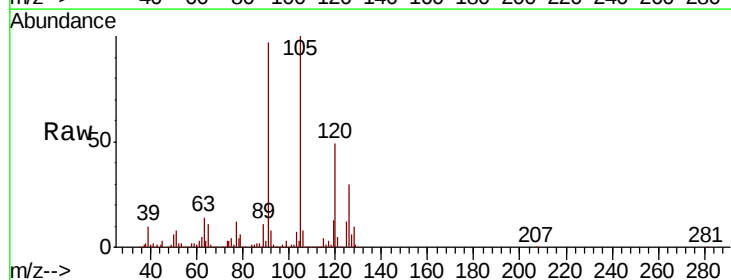
Acq: 16 Jun 2020 10:59

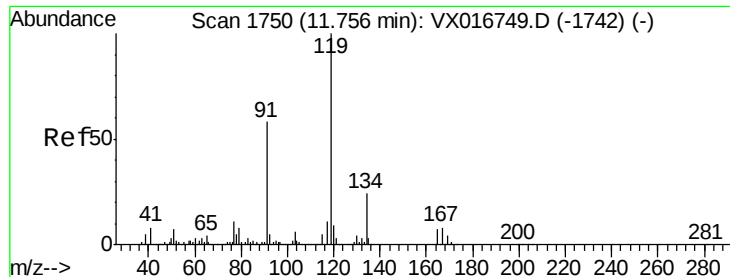
Tgt Ion: 91 Resp: 495050

Ion Ratio Lower Upper

91 100

126 30.3 15.2 45.6

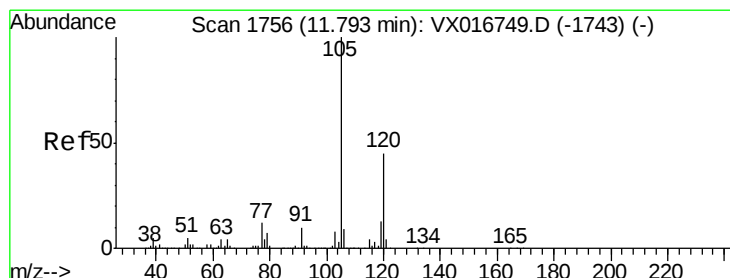
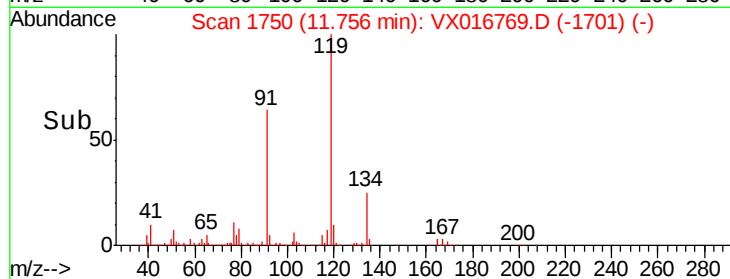
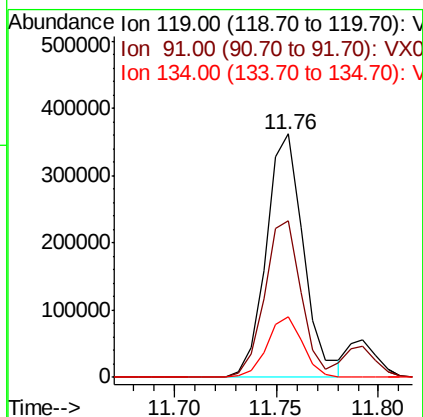
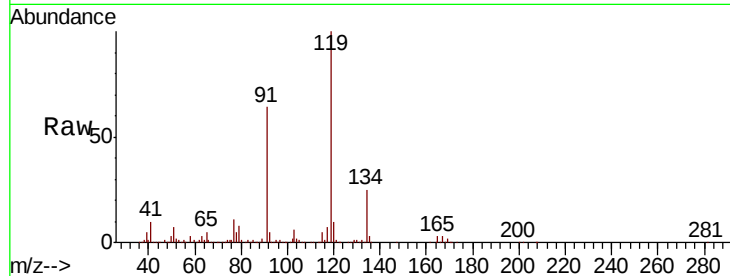




#83
tert-Butylbenzene
Concen: 50.568 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

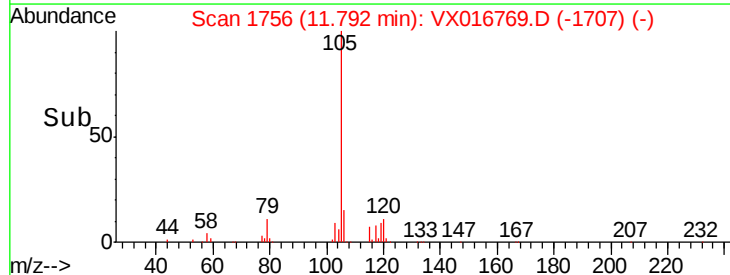
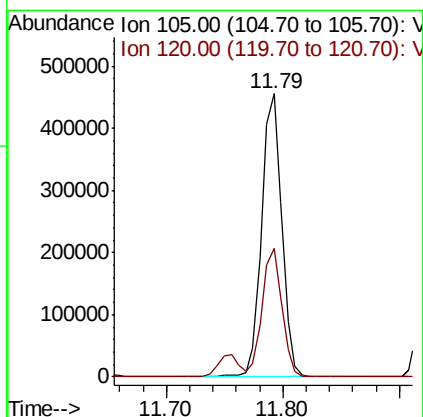
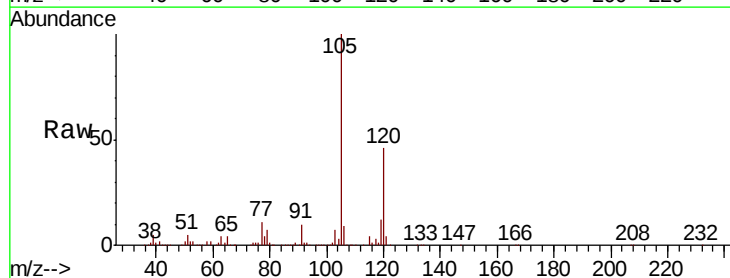
Instrument :
MSVOA_X
ClientSampleId :
BFB

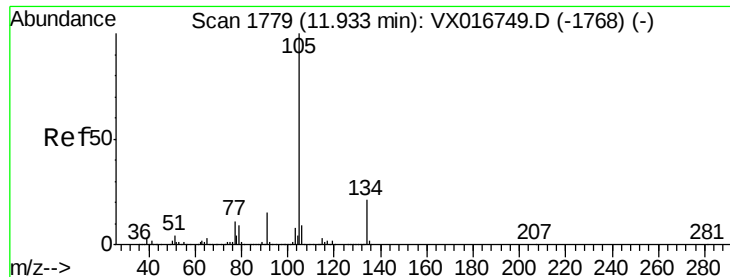
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	29.3	88.0
134	23.9	11.8	35.3



#84
1,2,4-Trimethylbenzene
Concen: 54.808 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.6	67.8





#85

sec-Butylbenzene

Concen: 54.210 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampled :

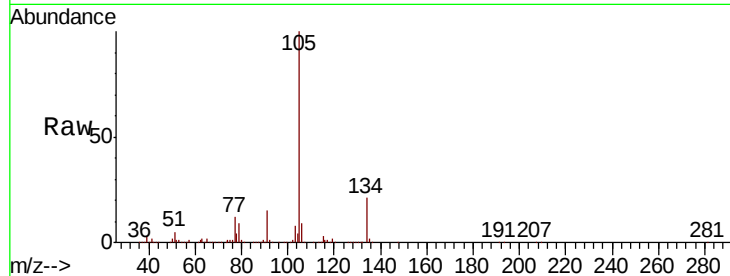
BFB

Tot Ion:105 Resp: 577188

Ion Ratio Lower Upper

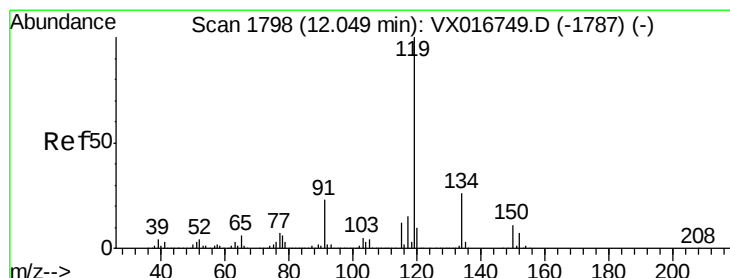
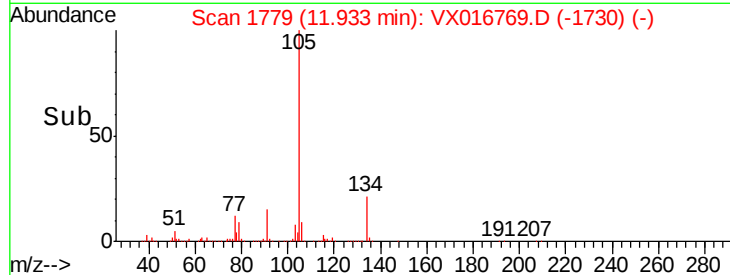
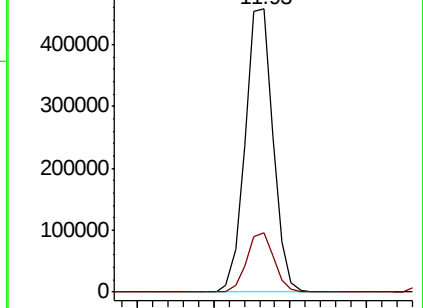
105 100

134 20.6 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.185 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

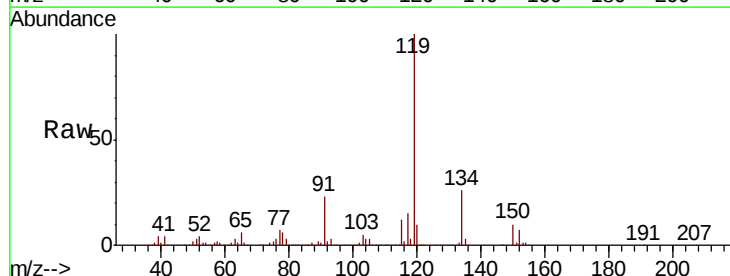
Tgt Ion:119 Resp: 563769

Ion Ratio Lower Upper

119 100

134 25.5 13.0 38.9

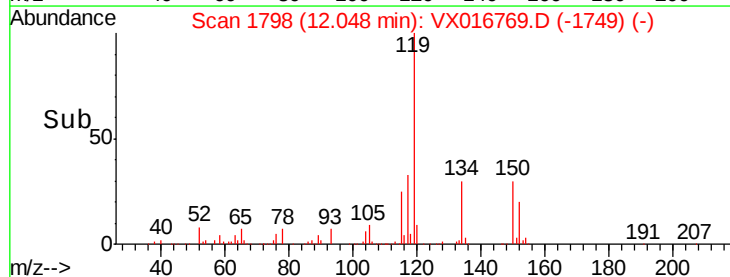
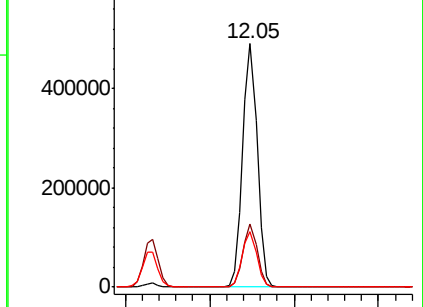
91 22.7 11.6 34.7

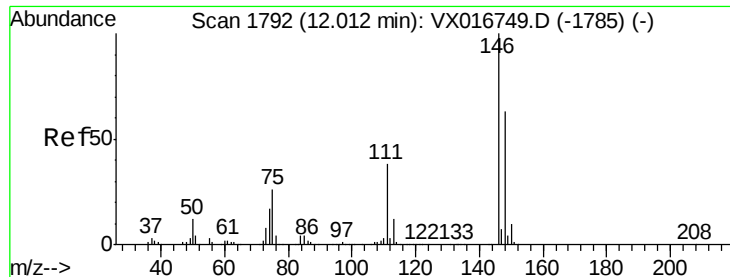


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.421 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

BFB

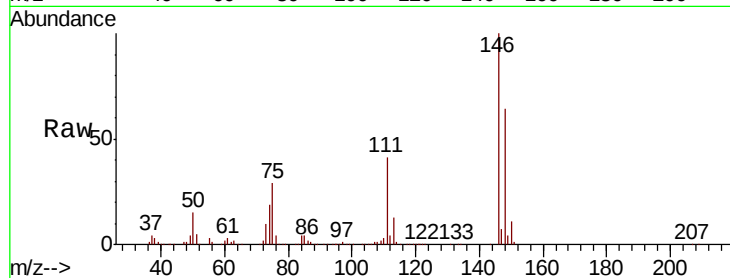
Tot Ion:146 Resp: 285616

Ion Ratio Lower Upper

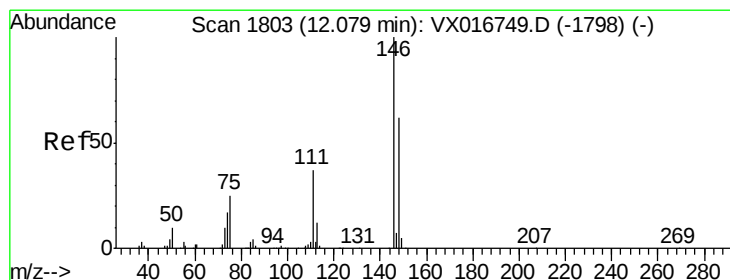
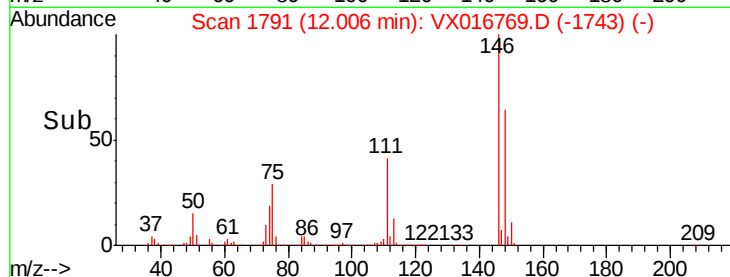
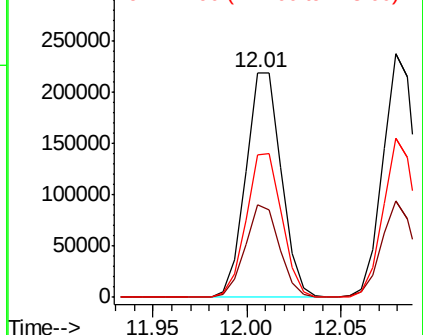
146 100

111 39.8 19.8 59.3

148 64.3 31.9 95.7



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: 49.362 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

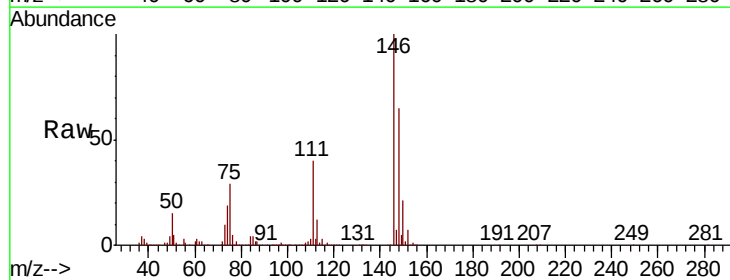
Tgt Ion:146 Resp: 289977

Ion Ratio Lower Upper

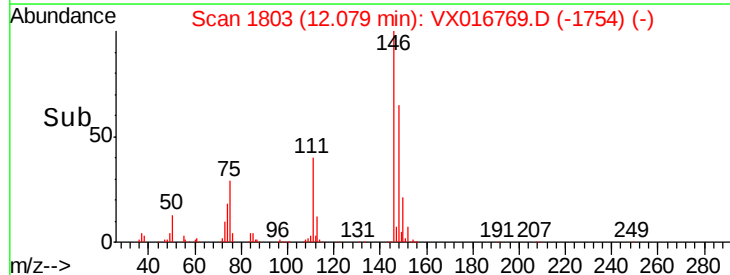
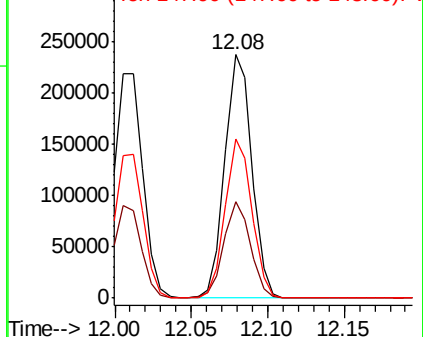
146 100

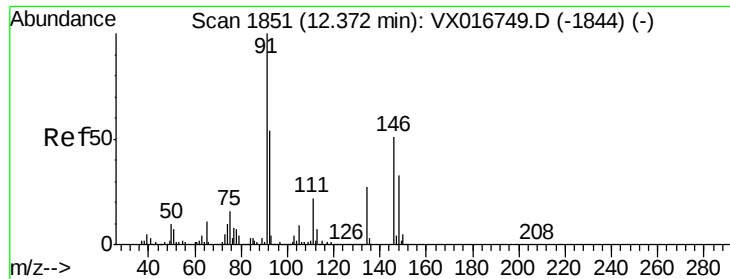
111 39.3 19.3 57.8

148 64.8 32.1 96.5



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





#89

n-Butylbenzene

Concen: 54.217 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016769.D

Acq: 16 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampled :

BFB

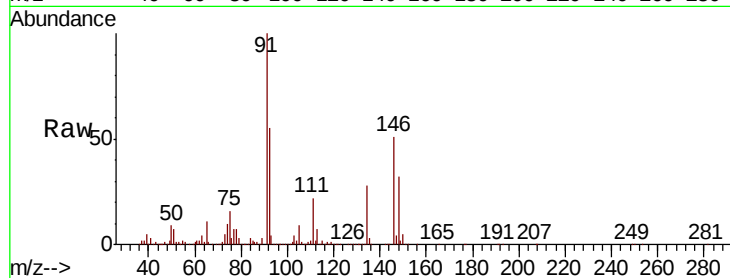
Tot Ion: 91 Resp: 457234

Ion Ratio Lower Upper

91 100

92 54.9 27.0 80.8

134 27.7 13.7 41.0

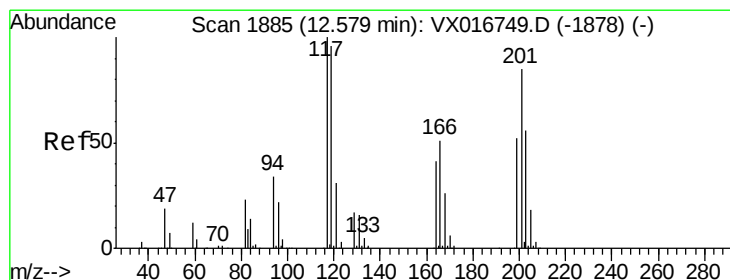
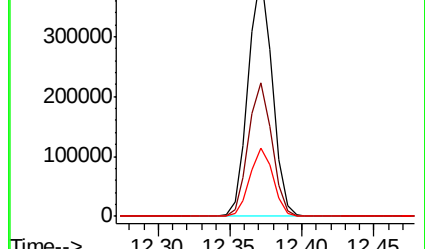
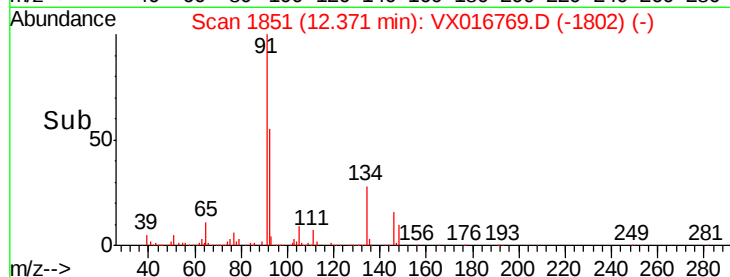


Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1844) (-)

Ion 92.00 (91.70 to 92.70): VX016749.D (-1844) (-)

Ion 134.00 (133.70 to 134.70): VX016749.D (-1844) (-)

Time-->



#90

Hexachloroethane

Concen: 51.439 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016769.D

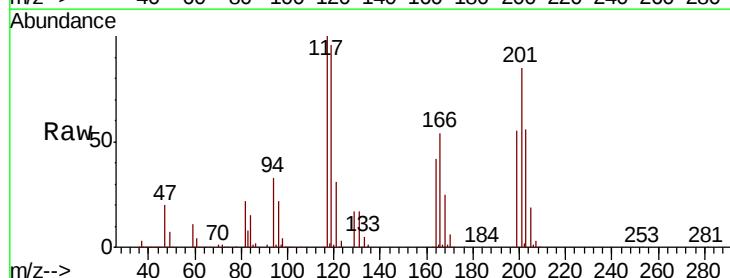
Acq: 16 Jun 2020 10:59

Tgt Ion: 117 Resp: 96906

Ion Ratio Lower Upper

117 100

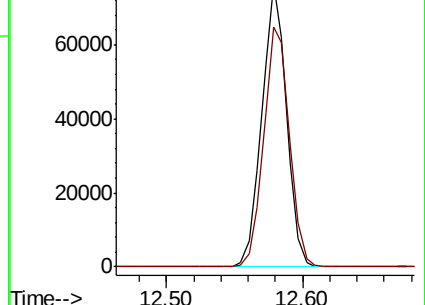
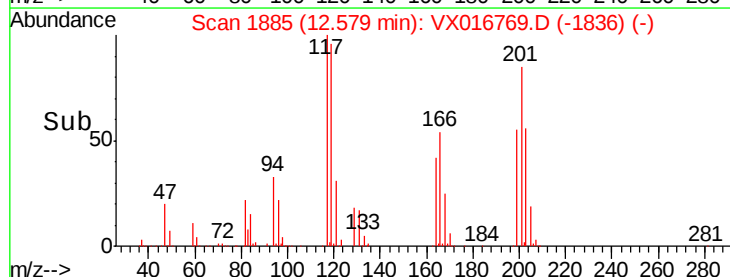
201 88.3 45.6 136.9



Abundance Ion 116.80 (116.50 to 117.50): VX016749.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX016749.D (-1878) (-)

Time-->

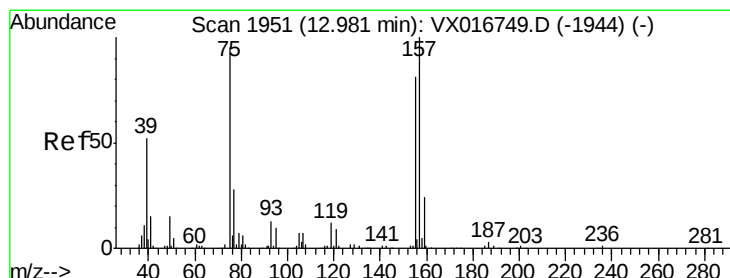
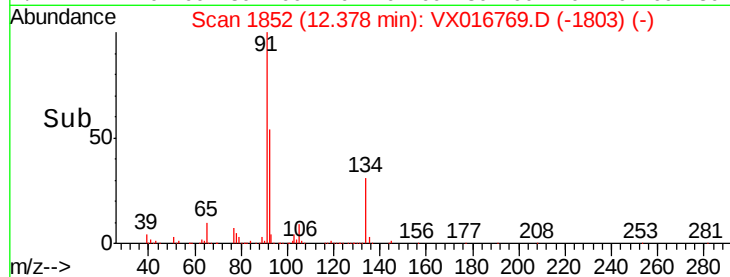
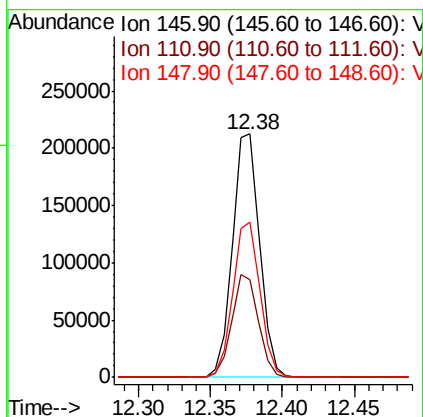
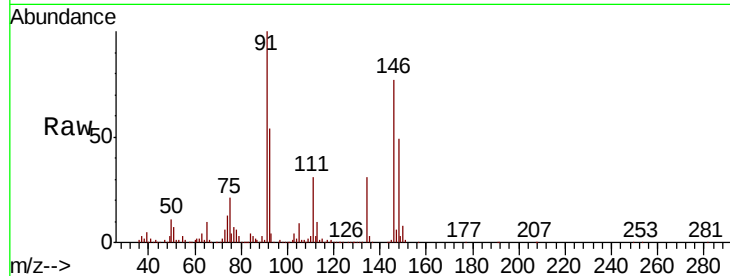




#91
 1,2-Dichlorobenzene
 Concen: 49.533 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016769.D
 Acq: 16 Jun 2020 10:59

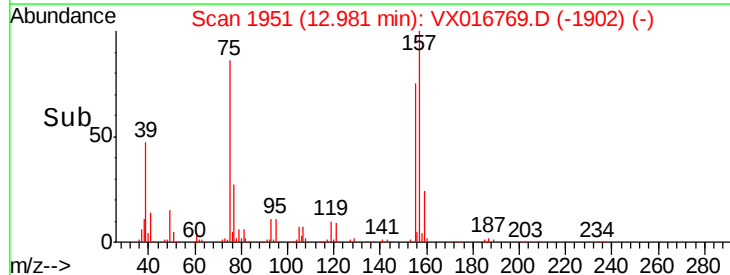
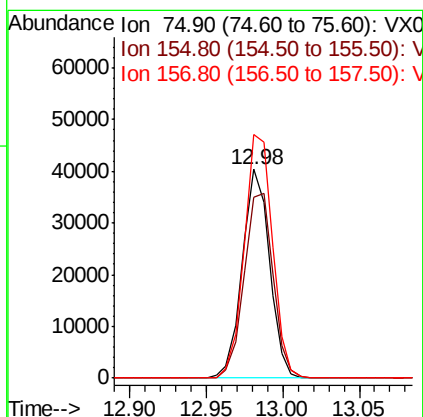
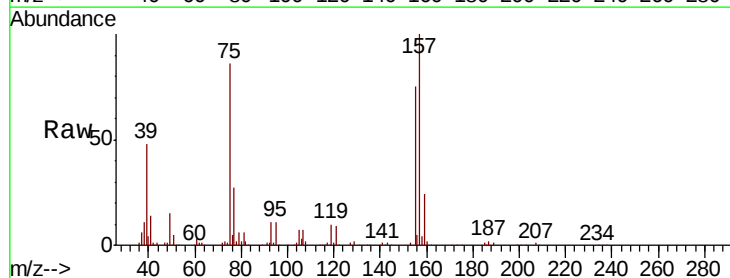
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

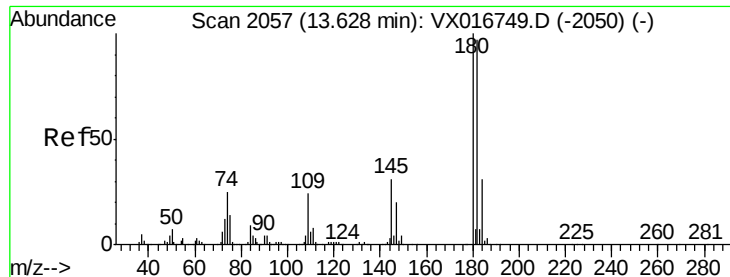
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.2
148	63.9	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.358 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016769.D
 Acq: 16 Jun 2020 10:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	46.9	140.7
157	120.6	59.6	178.7

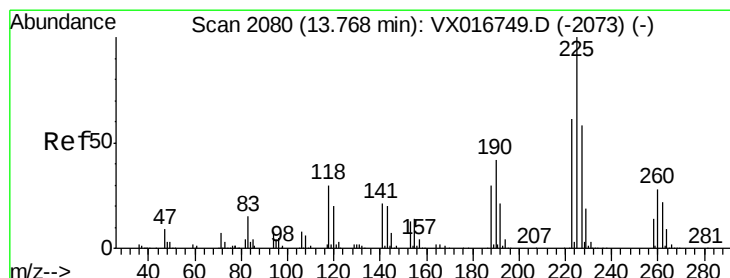
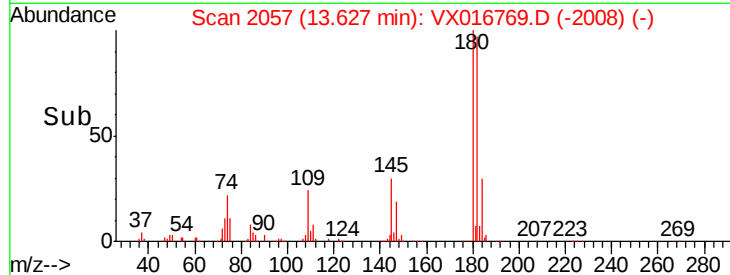
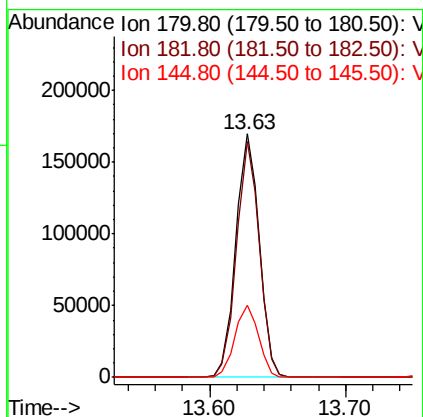
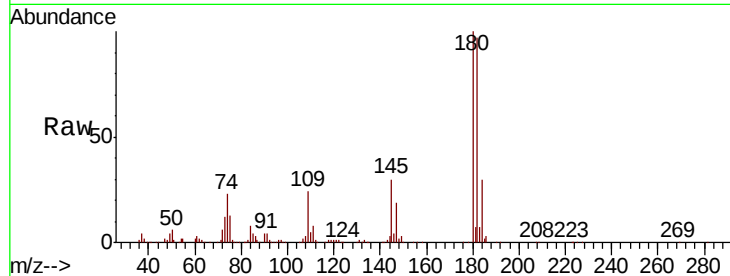




#93
 1,2,4-Trichlorobenzene
 Concen: 51.143 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016769.D
 Acq: 16 Jun 2020 10:59

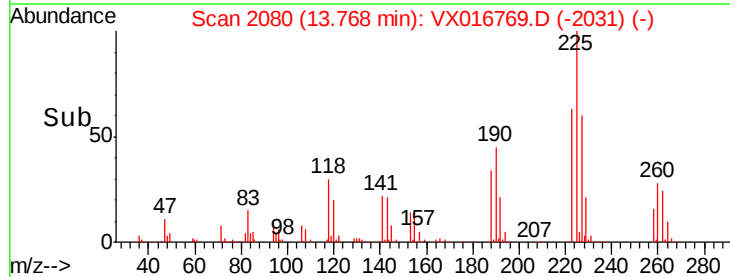
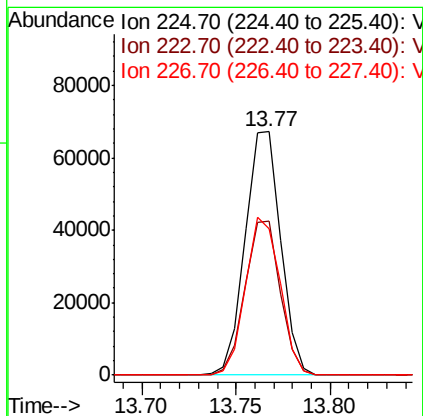
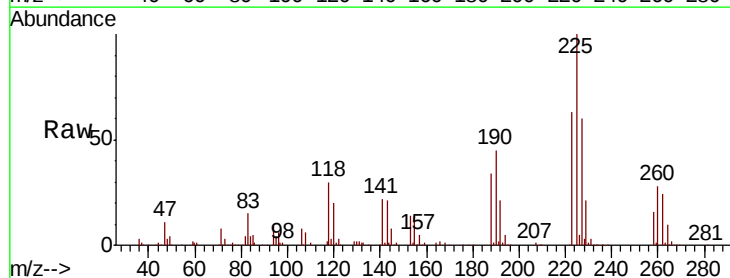
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

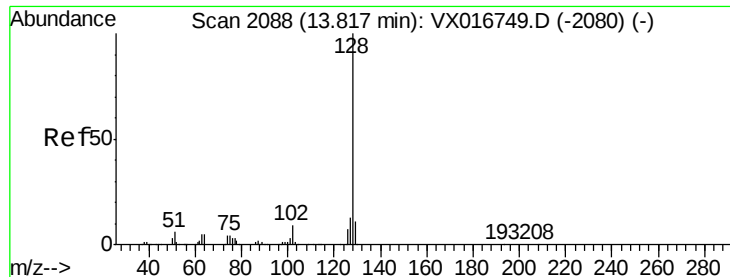
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.6	145.8
145	30.0	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 50.527 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016769.D
 Acq: 16 Jun 2020 10:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.1	93.5
227	63.1	30.9	92.7

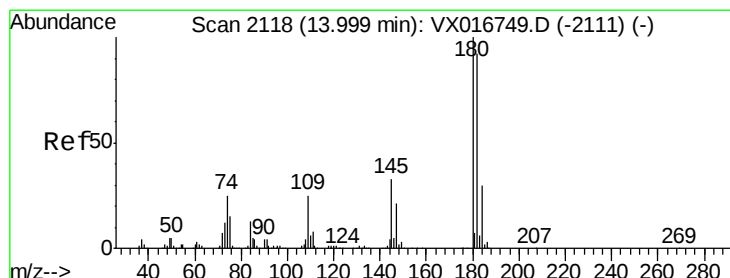
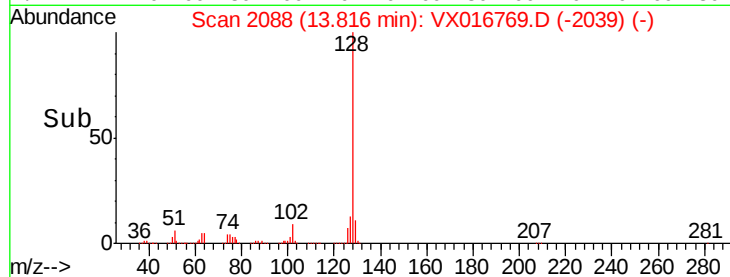
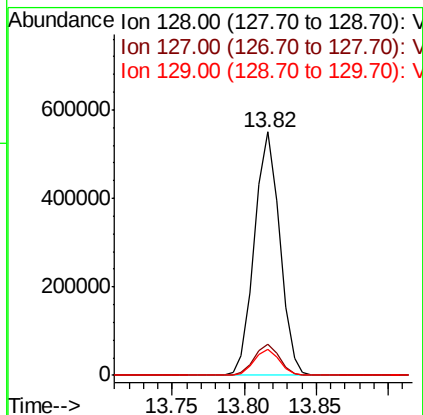
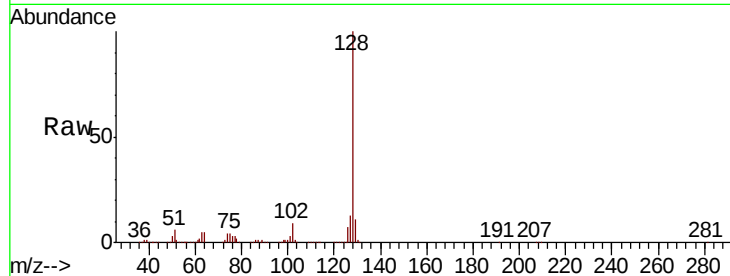




#95
Naphthalene
Concen: 53.358 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion:128 Resp: 663129
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.879 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX016769.D
Acq: 16 Jun 2020 10:59

Tgt Ion:180 Resp: 198662
Ion Ratio Lower Upper
180 100
182 95.6 47.1 141.4
145 32.0 15.9 47.7

