

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062520\
 Data File : VX016948.D
 Acq On : 25 Jun 2020 12:39
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Jun 26 08:52:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 08:49:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	37947	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.83	114	216122	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	196272	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	90481	30.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.10%
60) 4-Bromofluorobenzene	11.12	95	94774	28.95	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.50%
63) Toluene-d8	8.70	98	264088	30.52	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.73%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	10127	5.488 ug/l	98
3) Chloromethane	1.32	50	13548	5.414 ug/l	98
4) Vinyl Chloride	1.39	62	14074	5.515 ug/l	94
5) Bromomethane	1.63	94	11598	6.312 ug/l	99
6) Chloroethane	1.71	64	8945	5.435 ug/l	99
7) Trichlorofluoromethane	1.92	101	22725	5.476 ug/l	98
8) Diethyl Ether	2.17	74	8260	5.470 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	12609	5.725 ug/l	97
10) 1,1-Dichloroethene	2.36	96	11837	5.449 ug/l	93
11) Methyl Iodide	2.49	142	13497	4.653 ug/l	88
12) Methyl Acetate	2.75	43	14754	5.384 ug/l	100
13) Acrolein	2.27	56	11205	25.914 ug/l	98
14) Acrylonitrile	3.12	53	33558	25.857 ug/l	96
15) Acetone	2.42	58	9060	26.975 ug/l	89
16) Carbon Disulfide	2.55	76	38398	5.623 ug/l	100
17) Allyl chloride	2.70	41	20411	5.019 ug/l	98
18) Methylene Chloride	2.83	84	15291	5.844 ug/l	90
19) trans-1,2-Dichloroethene	3.14	96	13421	5.453 ug/l	89
20) Diisopropyl ether	3.82	45	41421	5.097 ug/l	98
21) 1,1-Dichloroethane	3.67	63	23783	5.307 ug/l	99
22) cis-1,2-Dichloroethene	4.56	96	14250	5.200 ug/l	100
23) tert-Butyl Alcohol	3.01	59	15140	99.520 ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	39279	5.064 ug/l	97
25) Chloroform	5.17	83	24237	5.334 ug/l	84
26) Cyclohexane	5.54	56	20578	5.264 ug/l	# 99
29) 1,1-Dichloropropene	5.77	75	17935	5.094 ug/l	99
30) 2-Butanone	4.64	43	44155	24.061 ug/l	99
31) 2,2-Dichloropropane	4.55	77	21138	5.235 ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	22008	5.166 ug/l	# 86
33) Carbon Tetrachloride	5.75	117	19034	5.038 ug/l	97
34) Benzene	6.11	78	52223	5.094 ug/l	93
35) Methacrylonitrile	5.00	41	9795	4.836 ug/l	90
36) 1,2-Dichloroethane	6.16	62	20677	5.266 ug/l	# 81
37) Trichloroethene	7.19	130	14534	5.196 ug/l	91
38) Methylcyclohexane	7.43	83	19997	4.987 ug/l	96
39) 1,2-Dichloropropane	7.49	63	13792	5.164 ug/l	97
40) Dibromomethane	7.63	93	9365	5.088 ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062520\
 Data File : VX016948.D
 Acq On : 25 Jun 2020 12:39
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Jun 26 08:52:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 08:49:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	18620	4.885	ug/l	97
42) Vinyl Acetate	3.78	43	173417	23.450	ug/l	99
44) Isopropyl Acetate	6.42	43	30460	4.861	ug/l	98
45) 1,4-Dioxane	7.72	88	5820	92.073	ug/l	92
46) Methyl methacrylate	7.74	41	12390	4.273	ug/l	95
47) n-amyl Acetate	10.88	43	24279	4.384	ug/l	97
48) t-1,3-Dichloropropene	9.02	75	20077	4.764	ug/l	96
49) cis-1,3-Dichloropropene	8.42	75	21476	4.849	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	13069	5.087	ug/l	95
51) Ethyl methacrylate	9.16	69	17029	4.319	ug/l	99
52) 1,3-Dichloropropane	9.35	76	21461	4.866	ug/l	90
53) Dibromochloromethane	9.56	129	14132	4.786	ug/l	98
54) 1,2-Dibromoethane	9.65	107	13679	5.018	ug/l	97
55) 2-Chloroethyl vinyl ether	8.29	63	47210	22.756	ug/l	99
56) Bromoform	10.84	173	9402	4.486	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	87681	24.252	ug/l	98
59) 2-Hexanone	9.47	43	63077	23.377	ug/l	99
61) Tetrachloroethene	9.32	164	13995	5.591	ug/l	94
62) Toluene	8.76	91	55781	5.196	ug/l	97
64) Chlorobenzene	10.12	112	34655	5.153	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	12439	4.913	ug/l	98
66) Ethyl Benzene	10.23	91	58317	4.899	ug/l	100
67) m/p-Xylenes	10.34	106	43995	9.797	ug/l	99
68) o-Xylene	10.68	106	20830	4.829	ug/l	99
69) Styrene	10.70	104	33601	4.549	ug/l	99
70) Isopropylbenzene	11.00	105	57877	4.947	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	18094	5.035	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	22248	6.447	ug/l	88
73) Bromobenzene	11.24	156	14458	4.896	ug/l	94
74) n-propylbenzene	11.34	91	67403	4.852	ug/l	99
75) 2-Chlorotoluene	11.40	91	40508	5.000	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	46645	4.749	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	6823	4.879	ug/l	92
78) 4-Chlorotoluene	11.49	91	46886	4.888	ug/l	97
79) tert-butylbenzene	11.76	119	43984	4.675	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	47118	4.779	ug/l	100
81) sec-Butylbenzene	11.93	105	54505	4.785	ug/l	98
82) p-Isopropyltoluene	12.05	119	48926	4.757	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	27199	5.140	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	27233	5.122	ug/l	99
85) n-Butylbenzene	12.37	91	44309	4.654	ug/l	99
86) Hexachloroethane	12.58	117	9470	4.705	ug/l	91
87) 1,2-Dichlorobenzene	12.38	146	24939	5.035	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	3894	4.763	ug/l	95
89) 1,2,4-Trichlorobenzene	13.63	180	16537	4.949	ug/l	97
90) Hexachlorobutadiene	13.77	225	6991	5.500	ug/l	95
91) Naphthalene	13.82	128	49878	4.554	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	16607	5.092	ug/l	97

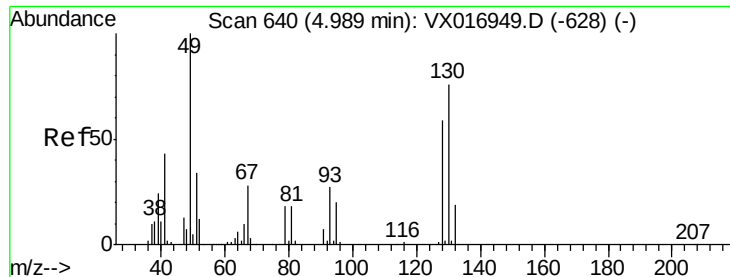
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062520\
Data File : VX016948.D
Acq On : 25 Jun 2020 12:39
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: Jun 26 08:52:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 08:49:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampled :

BFB

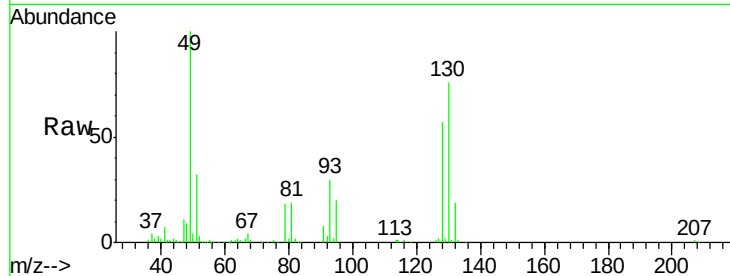
Tgt Ion:128 Resp: 37947

Ion Ratio Lower Upper

128 100

49 173.3 0.0 428.0

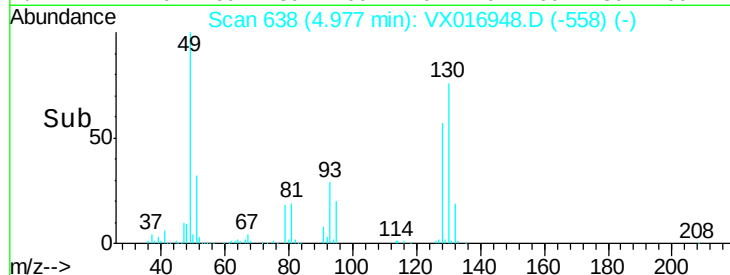
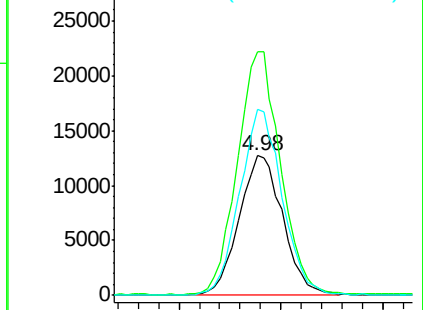
130 129.6 0.0 318.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 5.488 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016948.D

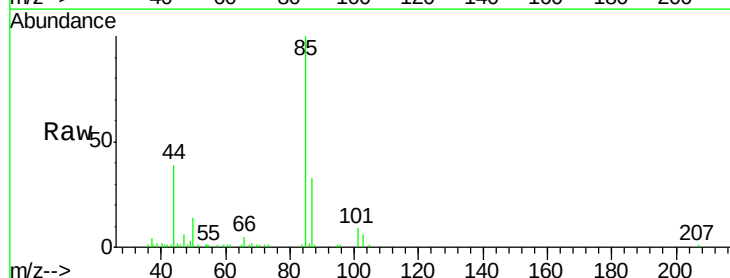
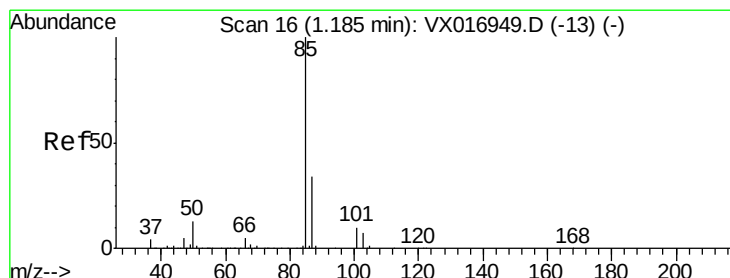
Acq: 25 Jun 2020 12:39

Tgt Ion: 85 Resp: 10127

Ion Ratio Lower Upper

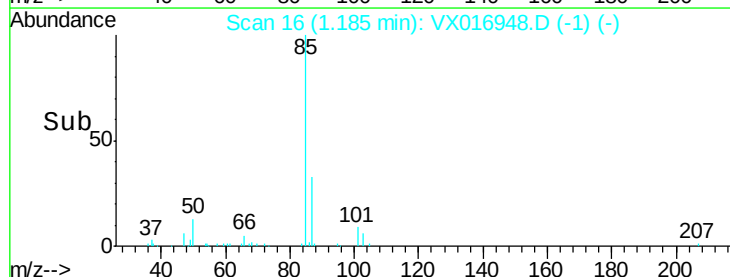
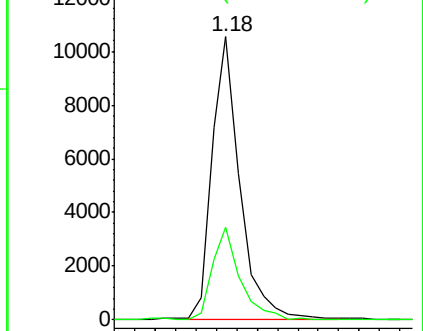
85 100

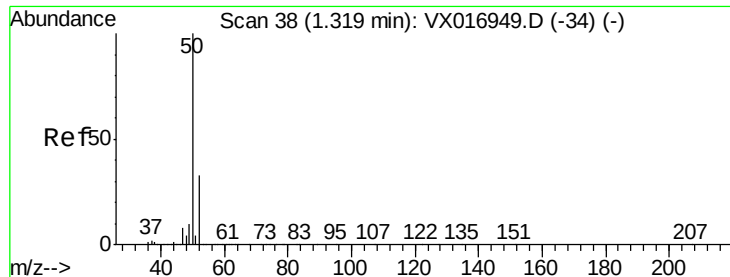
87 32.8 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 5.414 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

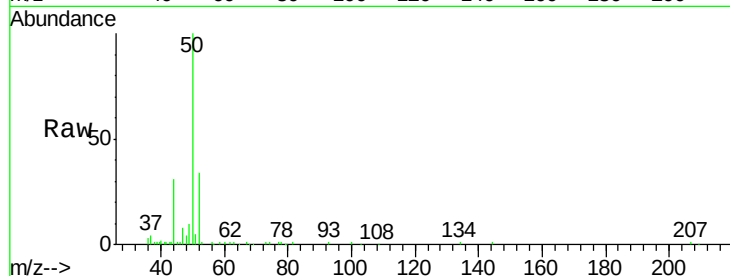
BFB

Tgt Ion: 50 Resp: 13548

Ion Ratio Lower Upper

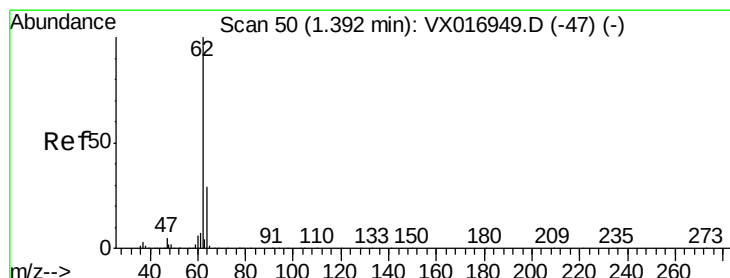
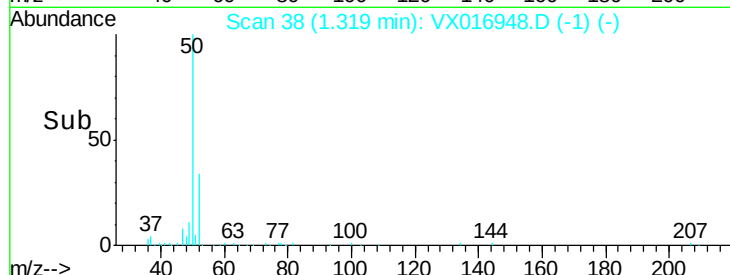
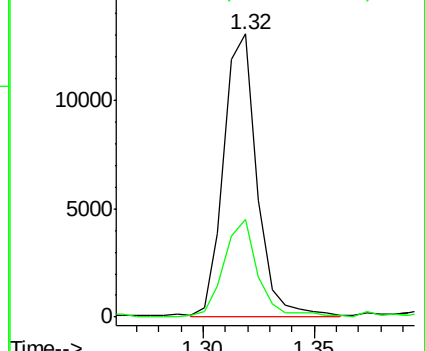
50 100

52 34.0 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 5.515 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016948.D

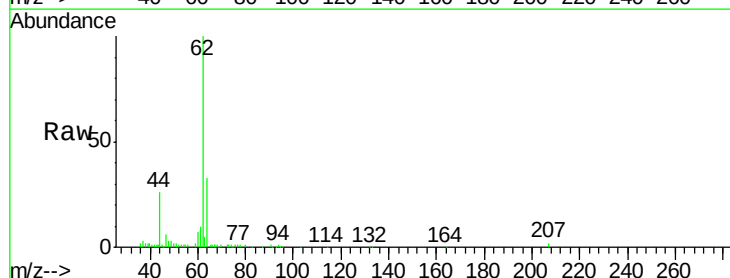
Acq: 25 Jun 2020 12:39

Tgt Ion: 62 Resp: 14074

Ion Ratio Lower Upper

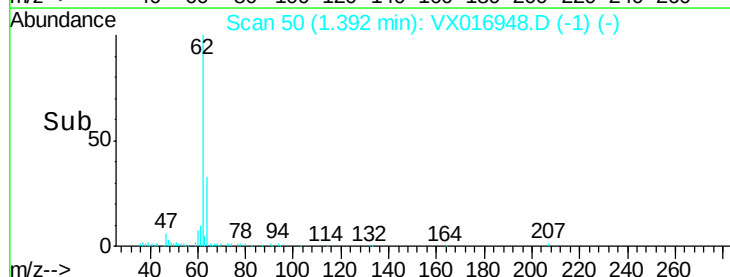
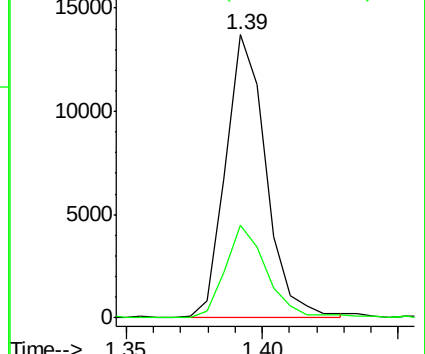
62 100

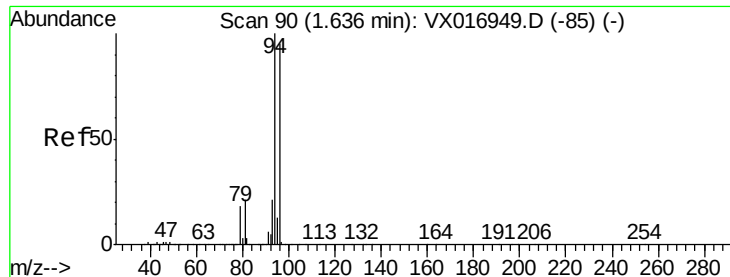
64 32.6 23.4 35.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 6.312 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

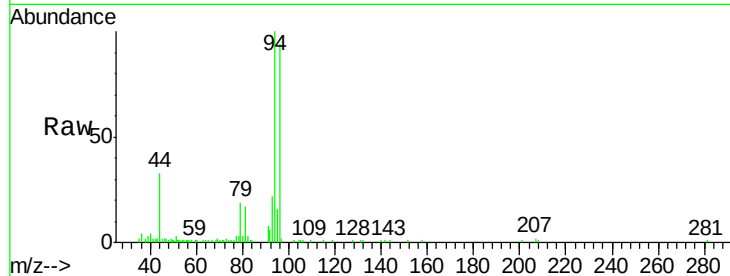
BFB

Tgt Ion: 94 Resp: 11598

Ion Ratio Lower Upper

94 100

96 93.6 75.5 113.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.63

10000

8000

6000

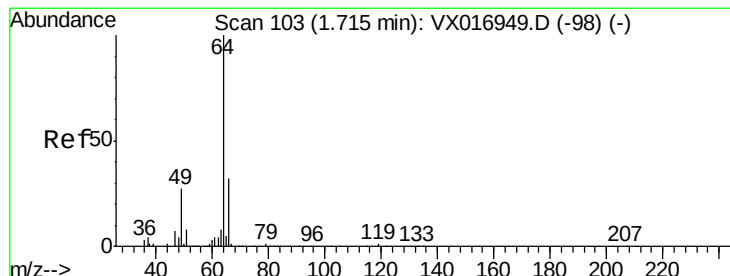
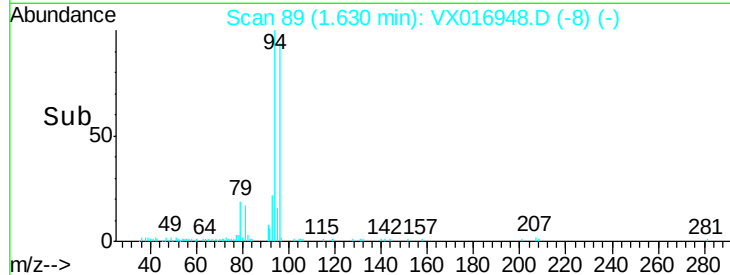
4000

2000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 5.435 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX016948.D

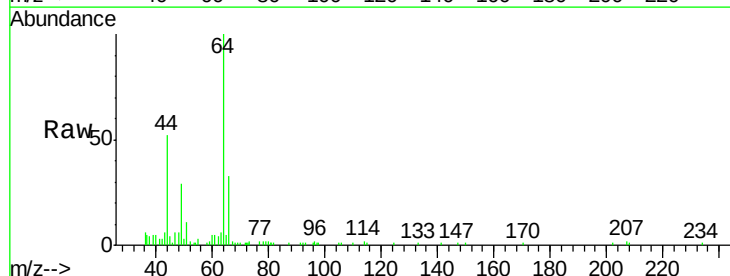
Acq: 25 Jun 2020 12:39

Tgt Ion: 64 Resp: 8945

Ion Ratio Lower Upper

64 100

66 32.2 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.71

6000

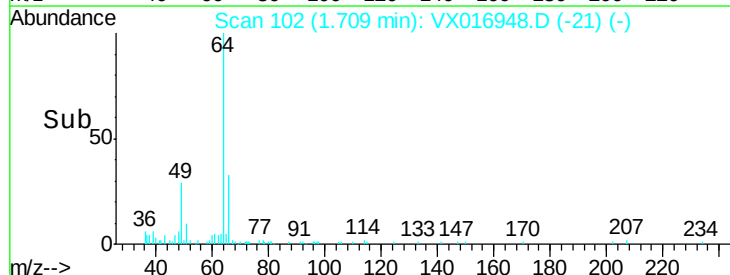
4000

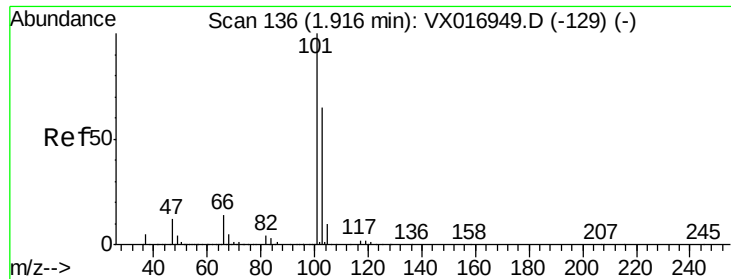
2000

0

1.65 1.70 1.75

Time-->



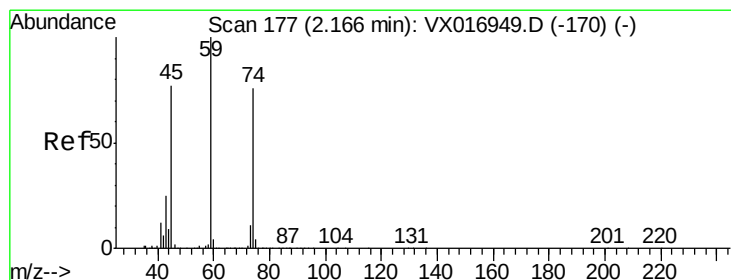
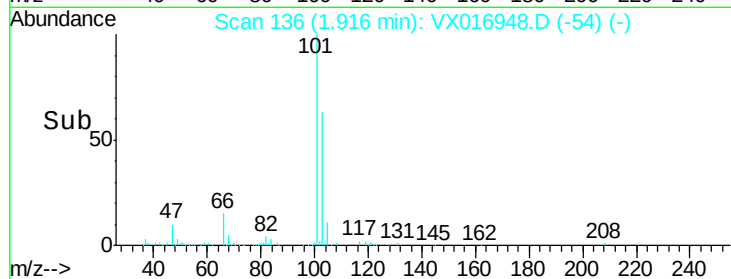
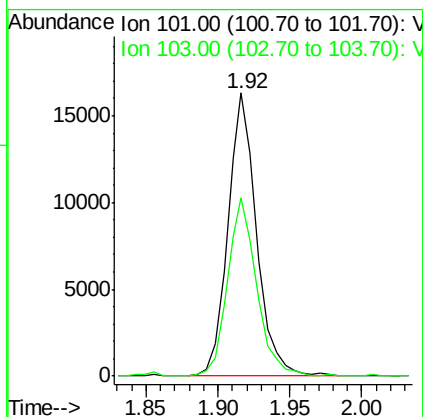
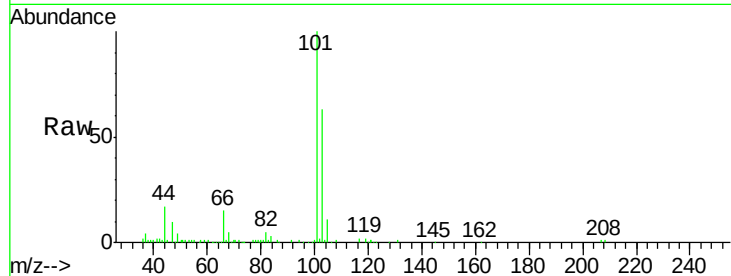


#7

Trichlorofluoromethane
Concen: 5.476 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampled :
BFB

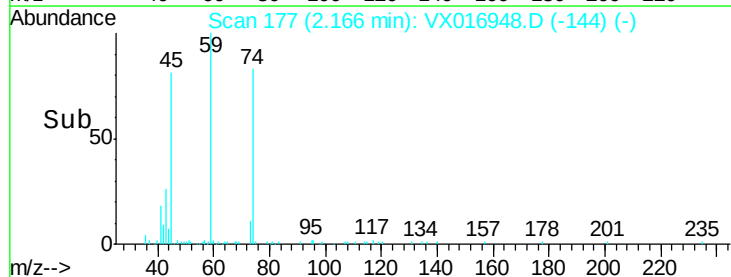
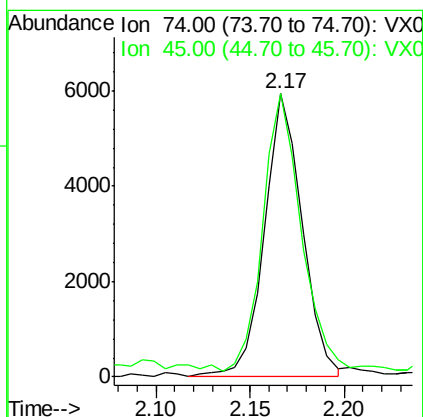
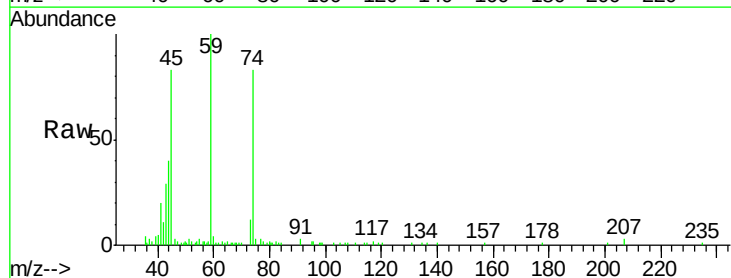
Tgt Ion: 101 Resp: 22725
Ion Ratio Lower Upper
101 100
103 63.2 52.1 78.1

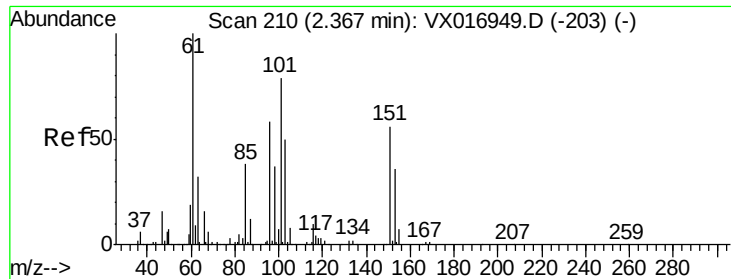


#8

Diethyl Ether
Concen: 5.470 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

Tgt Ion: 74 Resp: 8260
Ion Ratio Lower Upper
74 100
45 98.4 19.8 178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.725 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

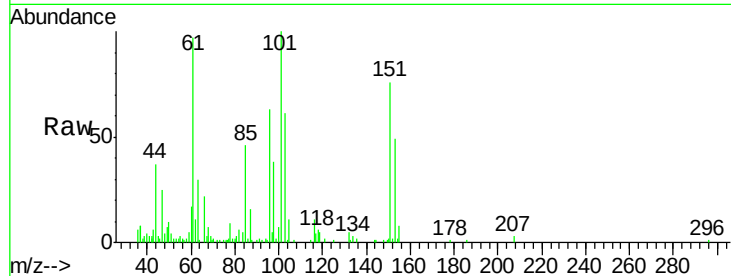
Tgt Ion: 101 Resp: 12609

Ion Ratio Lower Upper

101 100

85 45.8 0.0 94.6

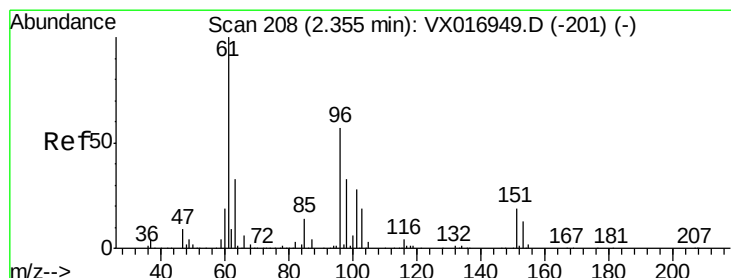
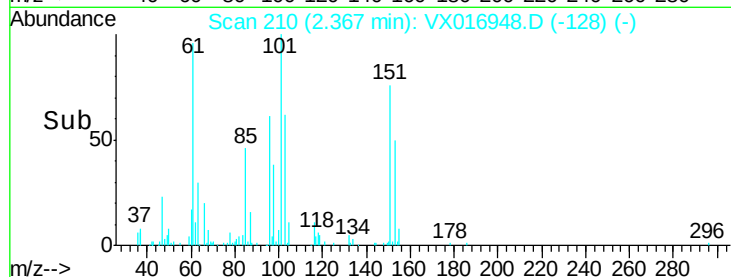
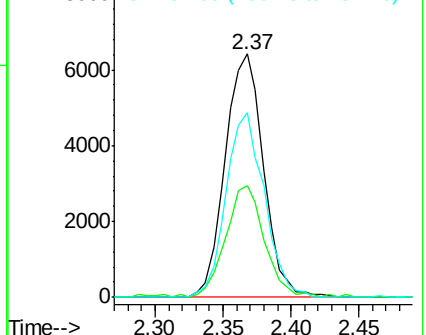
151 75.7 0.0 145.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 5.449 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

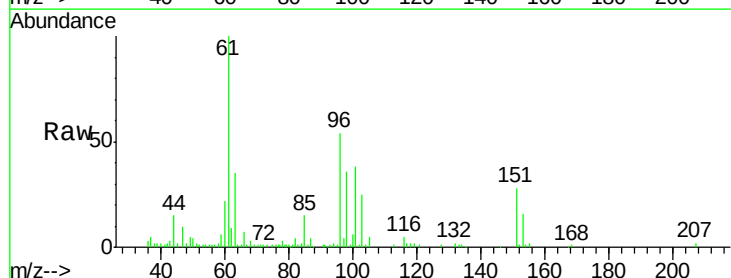
Tgt Ion: 96 Resp: 11837

Ion Ratio Lower Upper

96 100

61 184.5 141.3 211.9

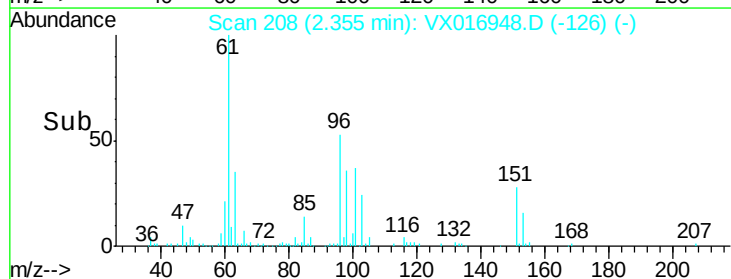
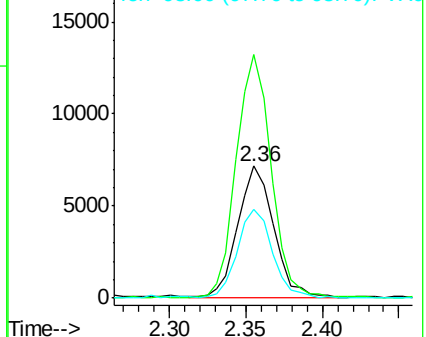
98 66.6 47.0 70.4

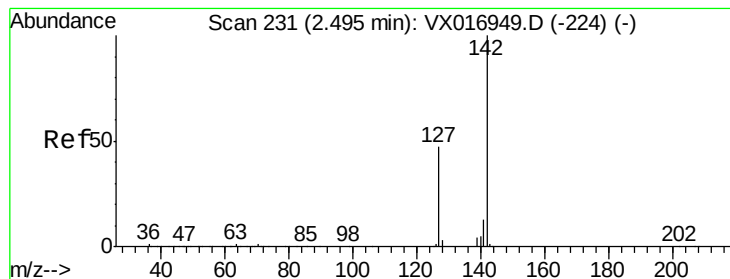


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 4.653 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampled :

BFB

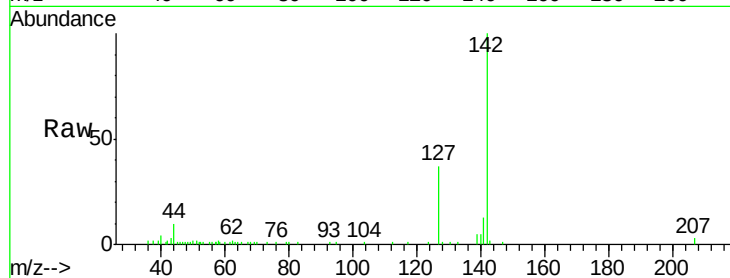
Tgt Ion:142 Resp: 13497

Ion Ratio Lower Upper

142 100

127 36.3 23.3 69.9

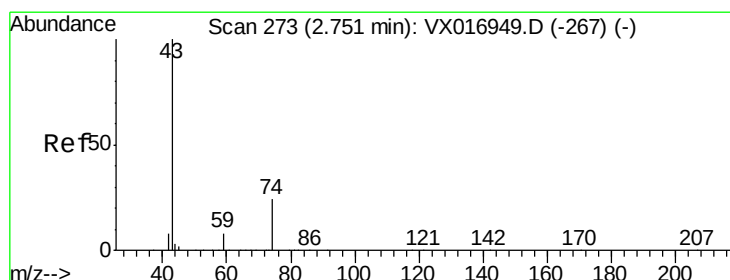
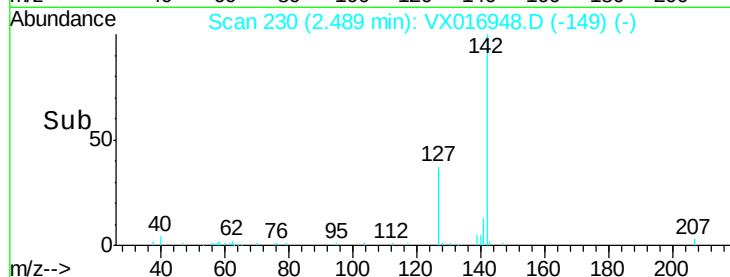
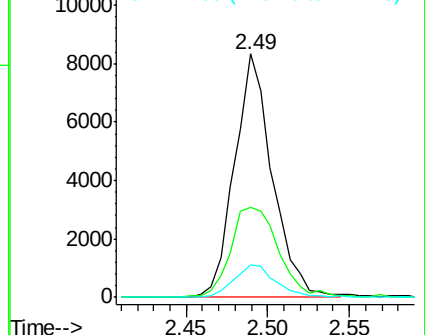
141 13.1 6.7 20.1



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 5.384 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016948.D

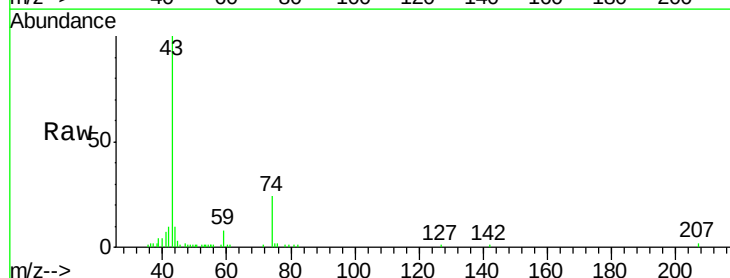
Acq: 25 Jun 2020 12:39

Tgt Ion: 43 Resp: 14754

Ion Ratio Lower Upper

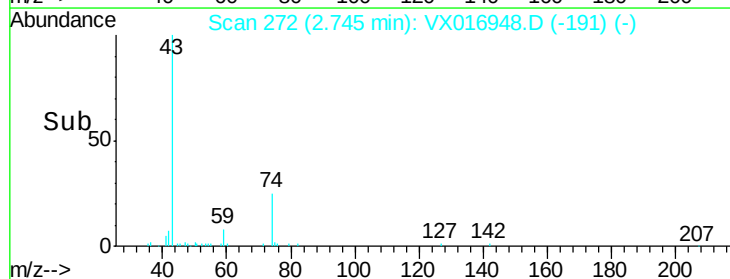
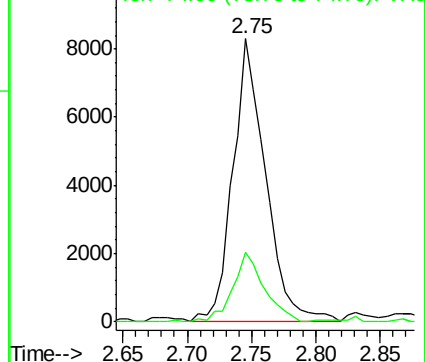
43 100

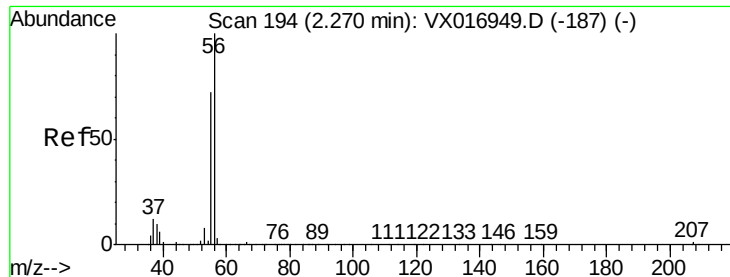
74 24.1 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 25.914 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

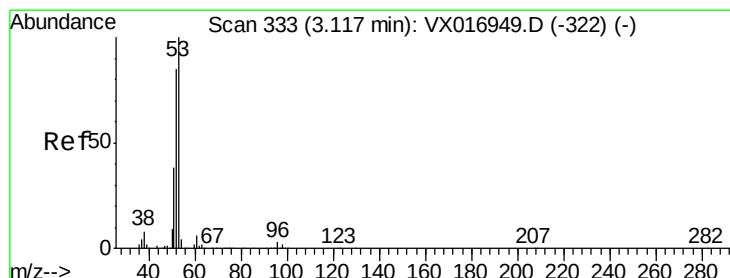
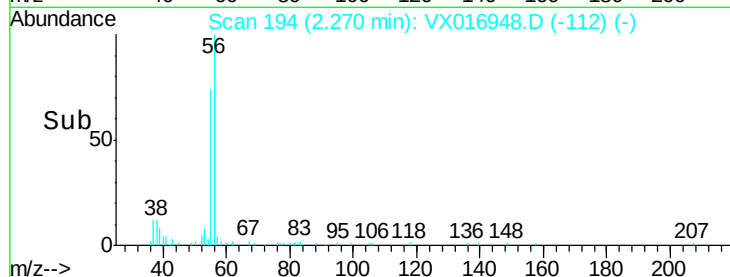
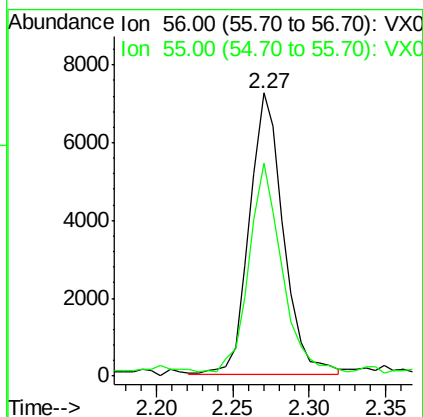
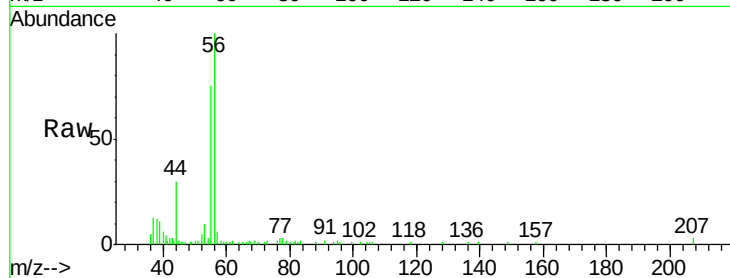
BFB

Tgt Ion: 56 Resp: 11205

Ion Ratio Lower Upper

56 100

55 71.8 56.2 84.4



#14

Acrylonitrile

Concen: 25.857 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

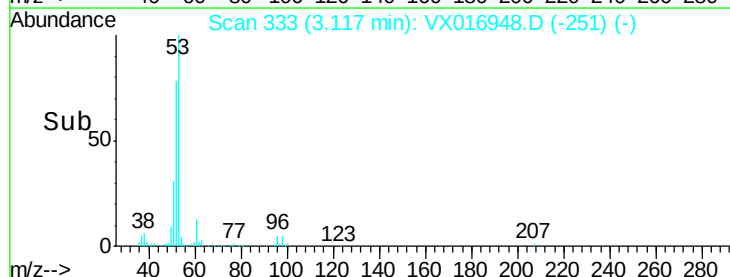
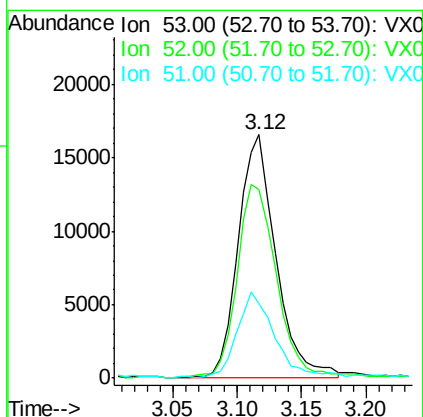
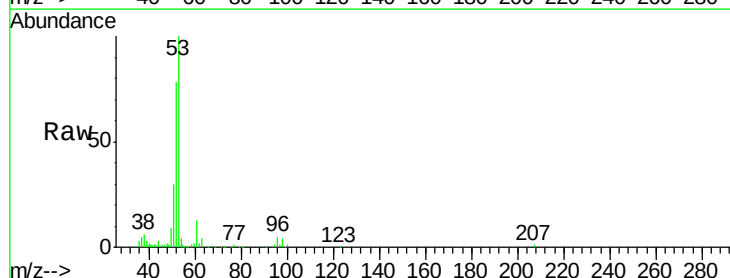
Tgt Ion: 53 Resp: 33558

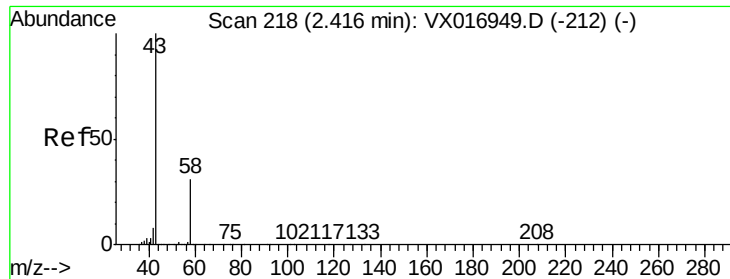
Ion Ratio Lower Upper

53 100

52 77.7 40.6 121.8

51 34.7 18.4 55.4





#15

Acetone

Concen: 26.975 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

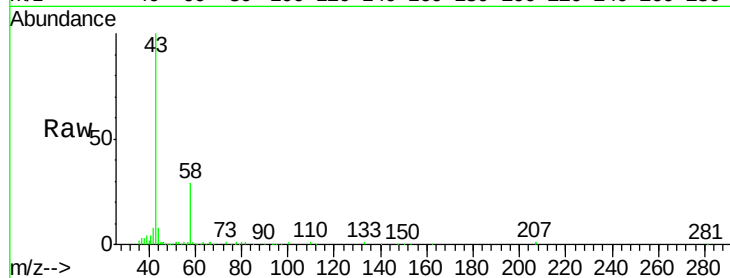
BFB

Tgt Ion: 58 Resp: 9060

Ion Ratio Lower Upper

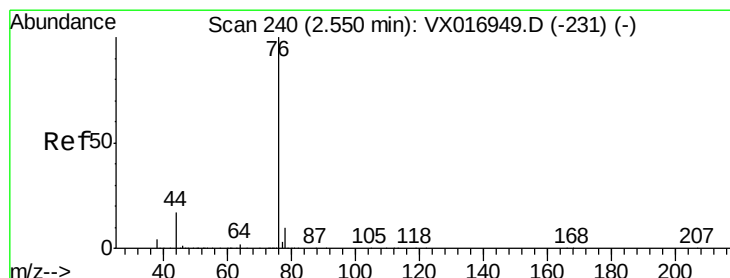
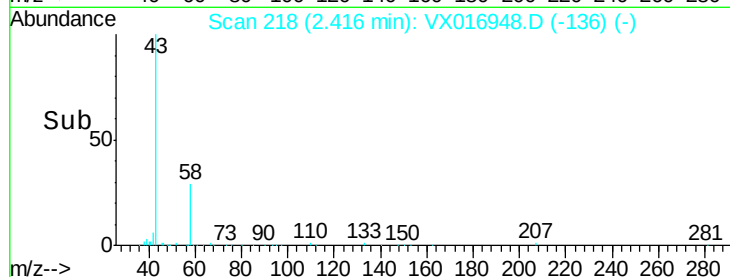
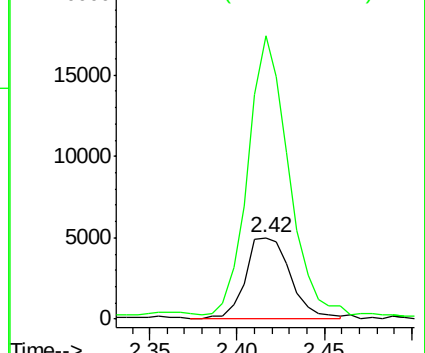
58 100

43 344.4 257.6 386.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 5.623 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016948.D

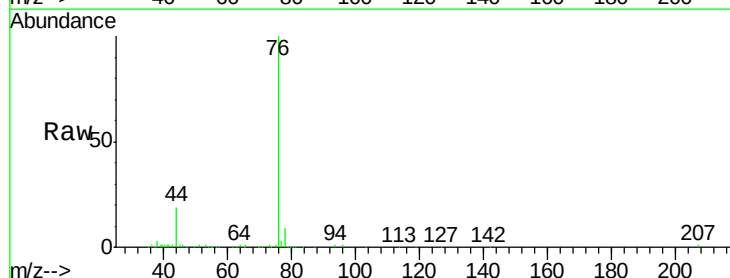
Acq: 25 Jun 2020 12:39

Tgt Ion: 76 Resp: 38398

Ion Ratio Lower Upper

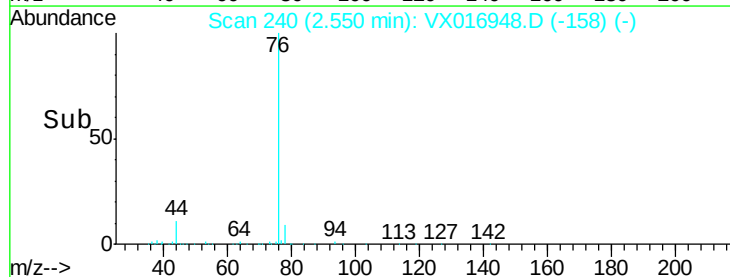
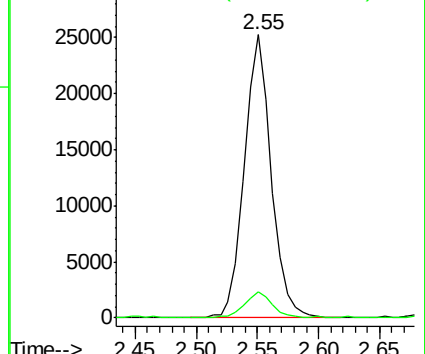
76 100

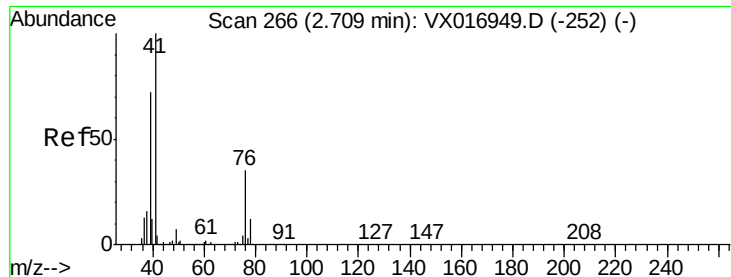
78 9.4 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

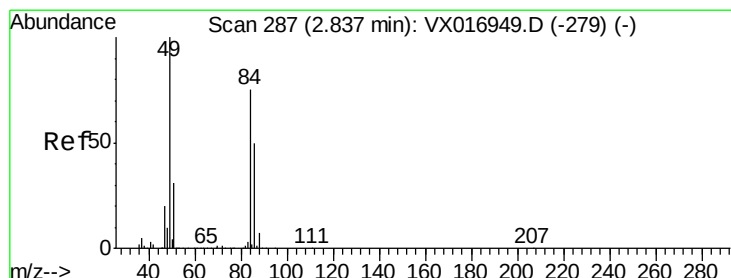
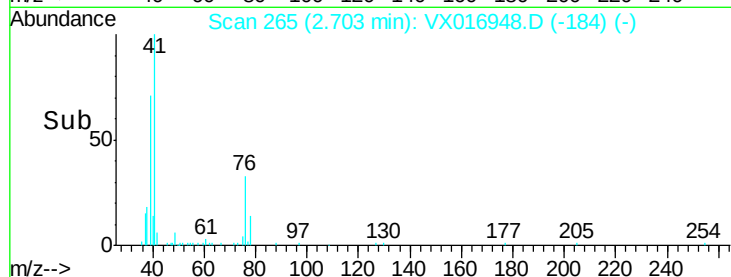
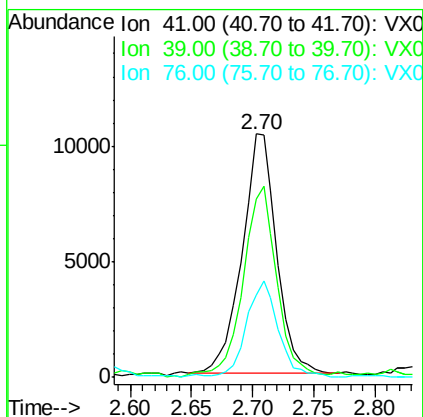
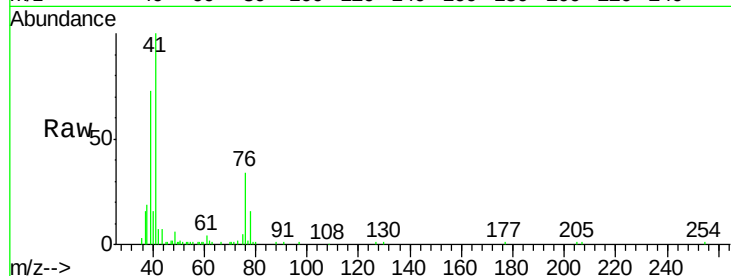




#17
 Allyl chloride
 Concen: 5.019 ug/l
 RT: 2.70 min Scan# 265
 Delta R.T. -0.01 min
 Lab File: VX016948.D
 Acq: 25 Jun 2020 12:39

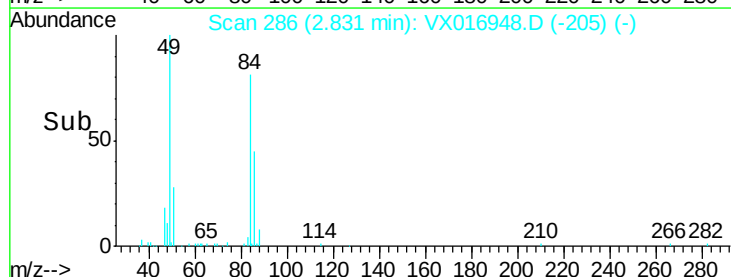
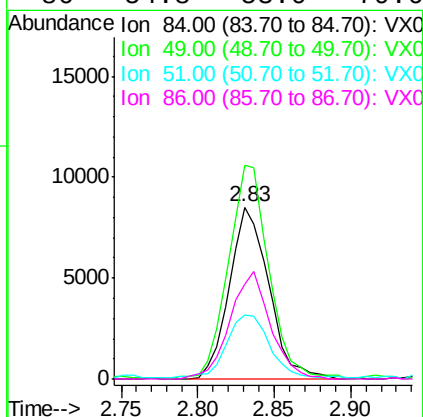
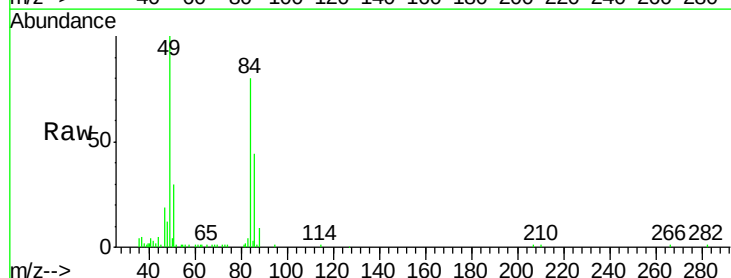
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

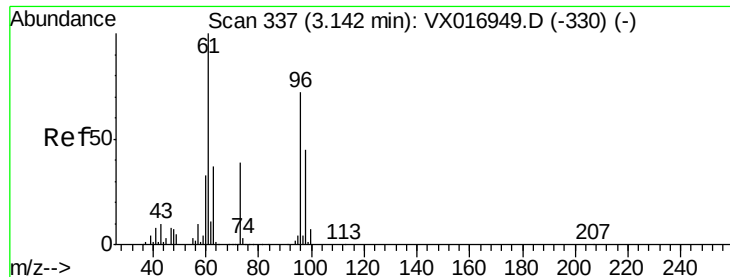
Tgt Ion: 41 Resp: 20411
 Ion Ratio Lower Upper
 41 100
 39 73.2 35.9 107.8
 76 34.2 17.6 52.8



#18
 Methylene Chloride
 Concen: 5.844 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016948.D
 Acq: 25 Jun 2020 12:39

Tgt Ion: 84 Resp: 15291
 Ion Ratio Lower Upper
 84 100
 49 123.0 106.6 159.8
 51 35.5 32.7 49.1
 86 54.8 53.0 79.6





#19

trans-1,2-Dichloroethene

Concen: 5.453 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

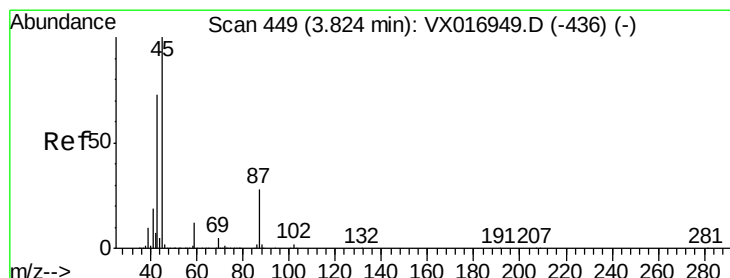
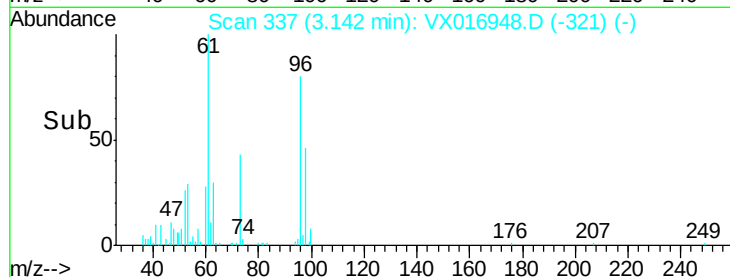
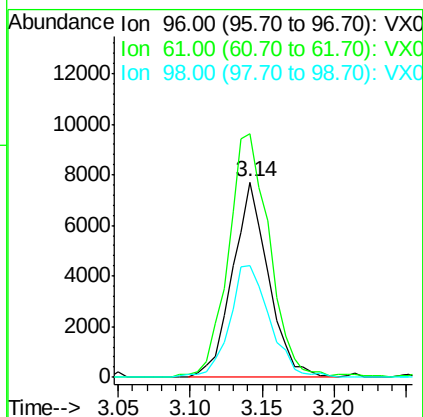
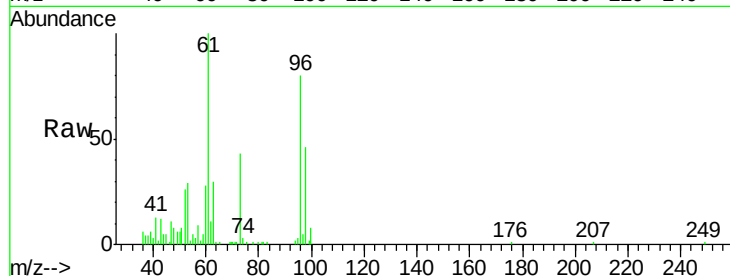
Tgt Ion: 96 Resp: 13421

Ion Ratio Lower Upper

96 100

61 123.2 110.6 165.8

98 56.9 49.8 74.6



#20

Diisopropyl ether

Concen: 5.097 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Tgt Ion: 45 Resp: 41421

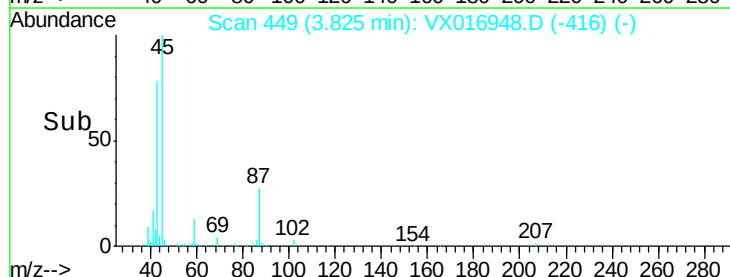
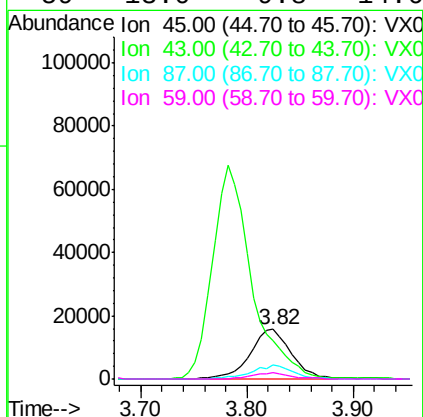
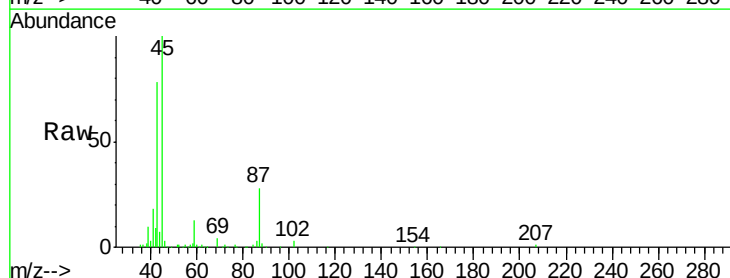
Ion Ratio Lower Upper

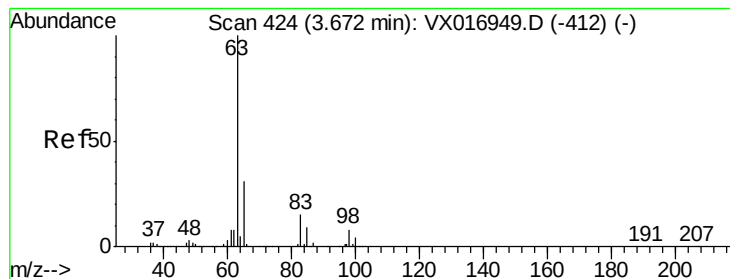
45 100

43 77.3 63.9 95.9

87 27.9 22.2 33.4

59 13.0 9.8 14.6





#21

1,1-Dichloroethane

Concen: 5.307 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

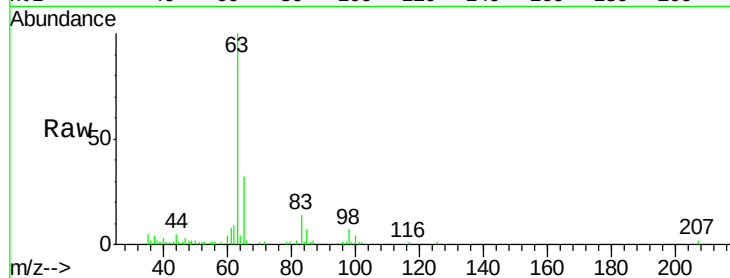
Tgt Ion: 63 Resp: 23783

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

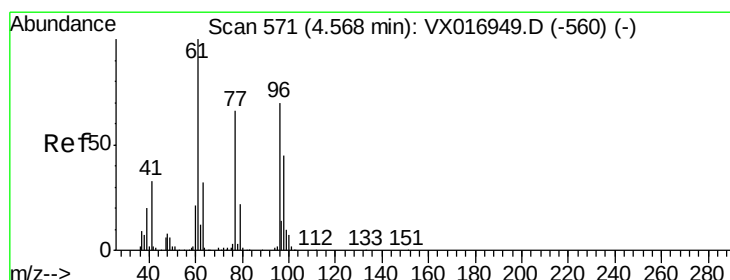
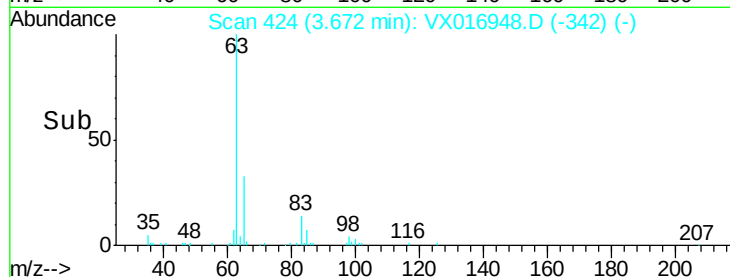
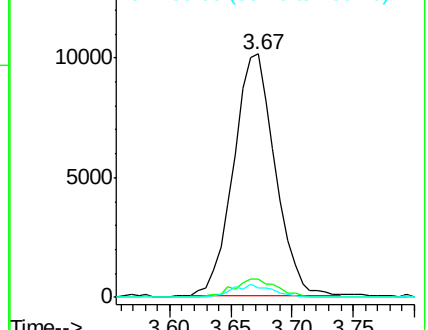
100 3.9 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 5.200 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

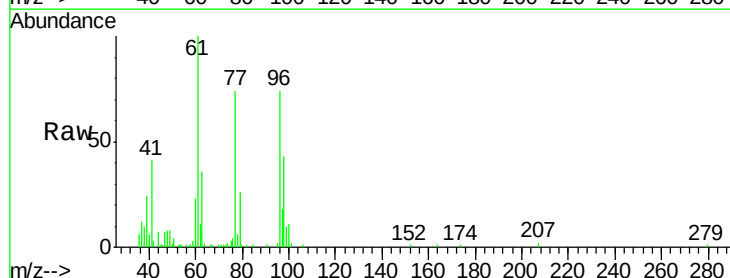
Tgt Ion: 96 Resp: 14250

Ion Ratio Lower Upper

96 100

61 150.2 120.8 181.2

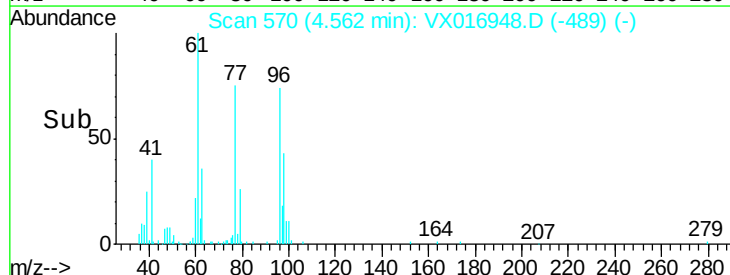
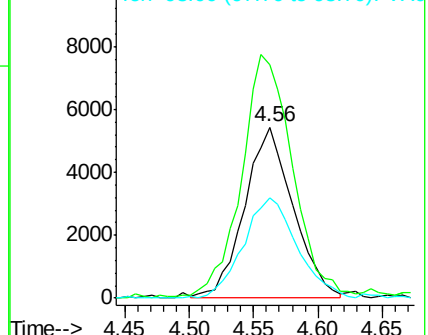
98 64.6 51.7 77.5

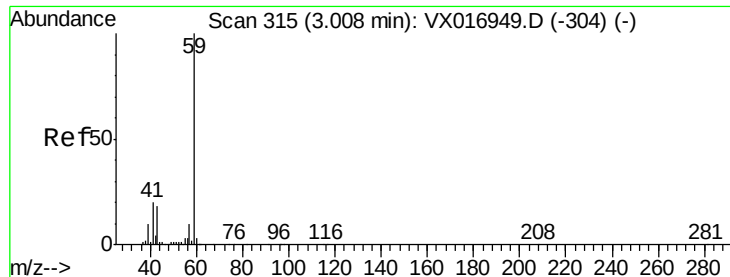


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 99.520 ug/l

RT: 3.01 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

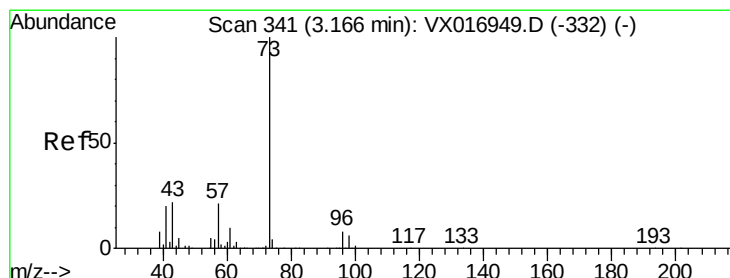
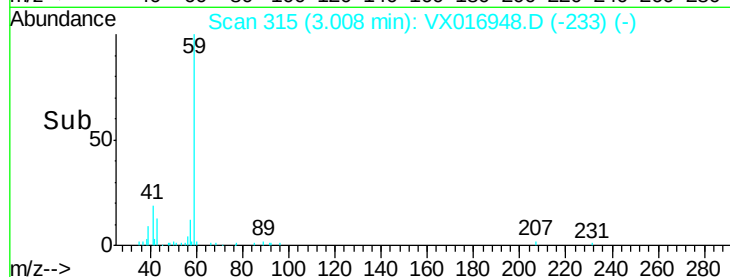
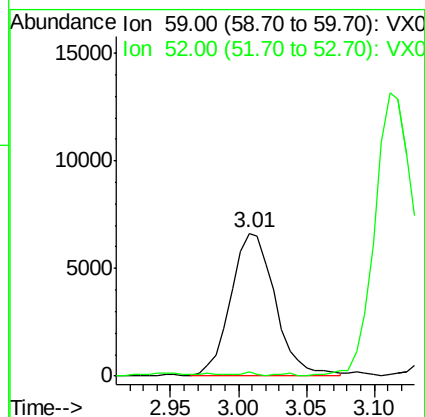
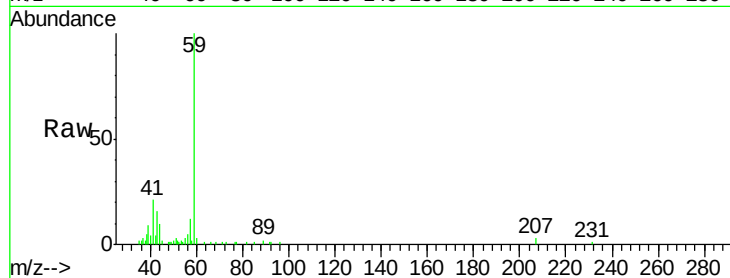
BFB

Tgt Ion: 59 Resp: 15140

Ion Ratio Lower Upper

59 100

52 0.6 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 5.064 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX016948.D

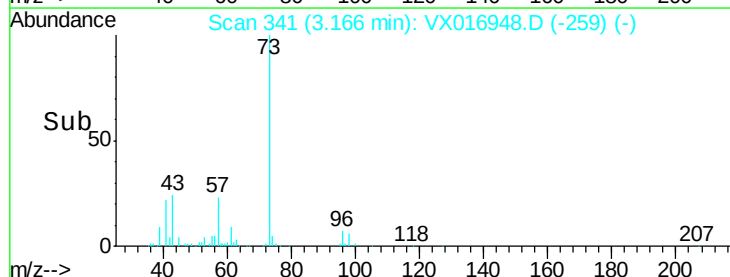
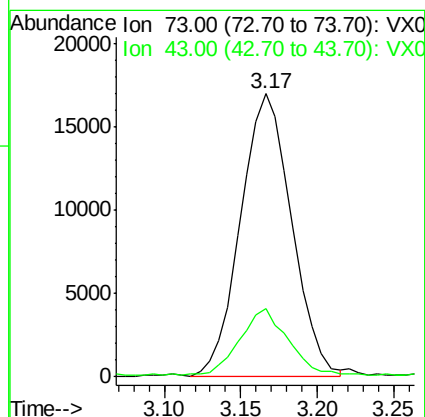
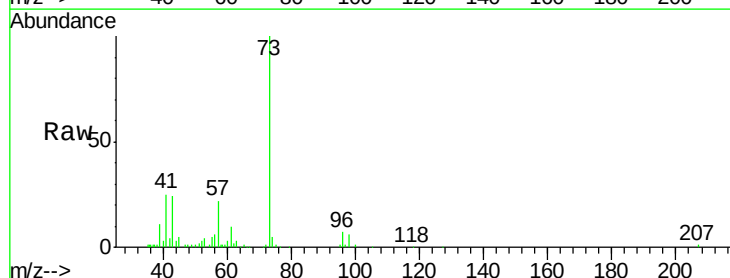
Acq: 25 Jun 2020 12:39

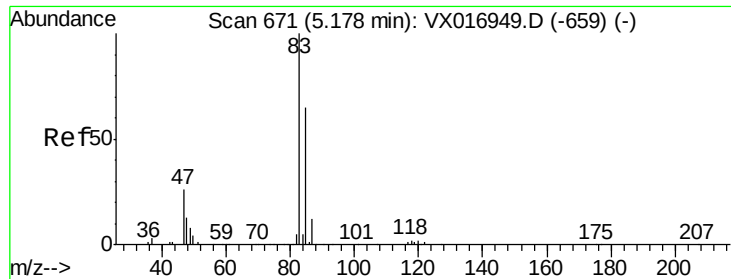
Tgt Ion: 73 Resp: 39279

Ion Ratio Lower Upper

73 100

43 23.1 17.2 25.8

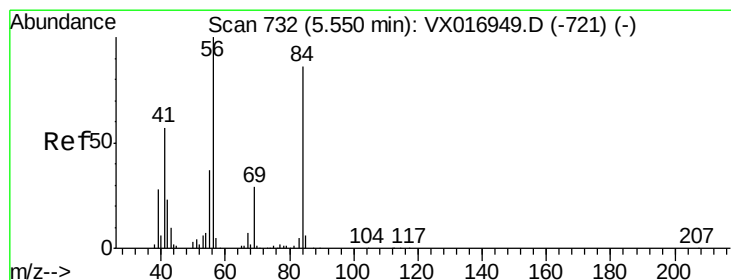
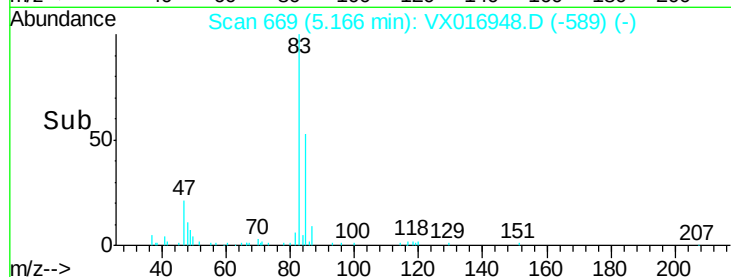
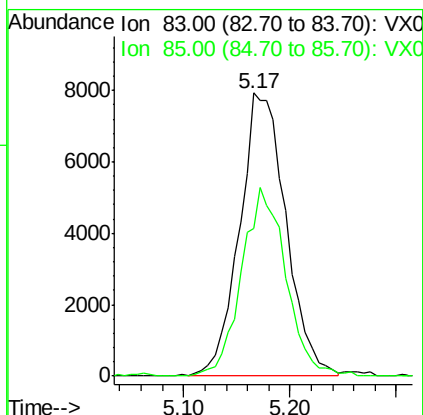
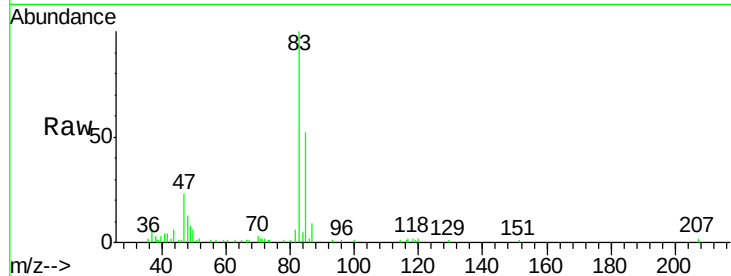




#25
Chloroform
Concen: 5.334 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

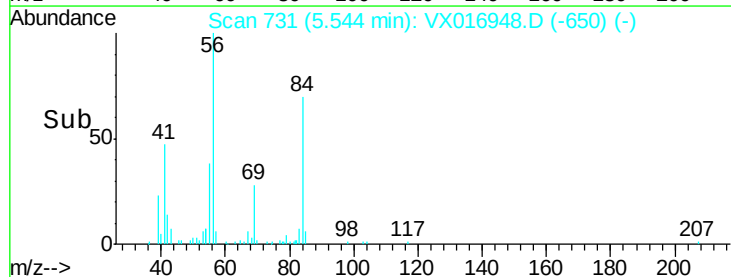
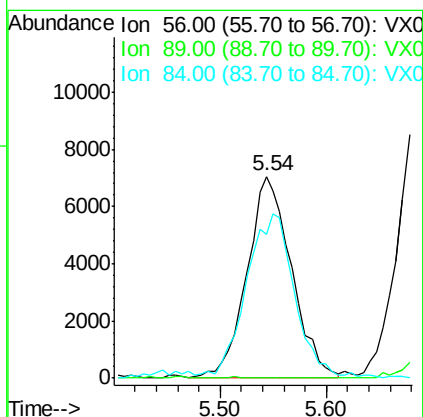
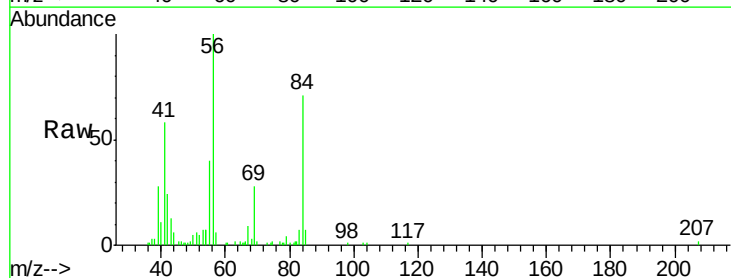
Instrument :
MSVOA_X
ClientSampled :
BFB

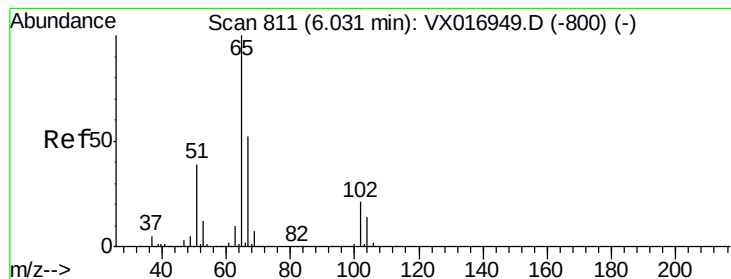
Tgt Ion: 83 Resp: 24237
Ion Ratio Lower Upper
83 100
85 52.3 52.1 78.1



#26
Cyclohexane
Concen: 5.264 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

Tgt Ion: 56 Resp: 20578
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.4 69.0 103.6





#27

1,2-Dichloroethane-d4

Concen: 30.634 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

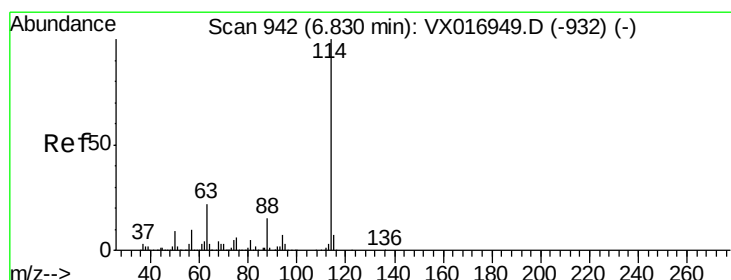
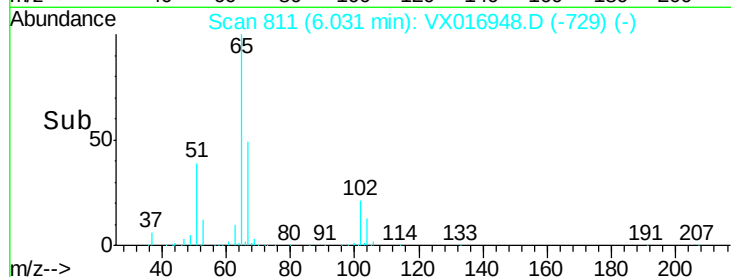
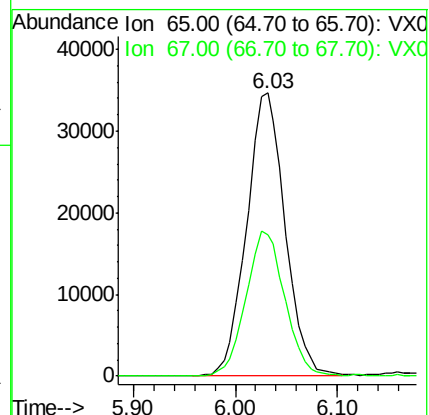
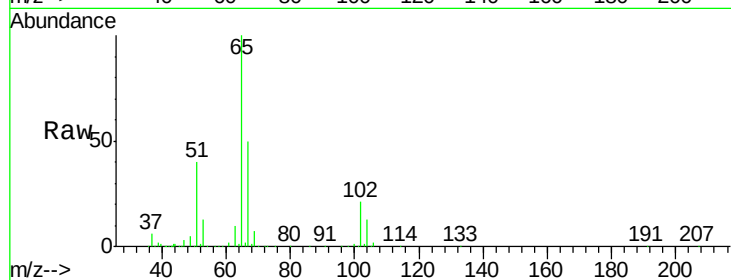
BFB

Tgt Ion: 65 Resp: 90481

Ion Ratio Lower Upper

65 100

67 52.1 41.5 62.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

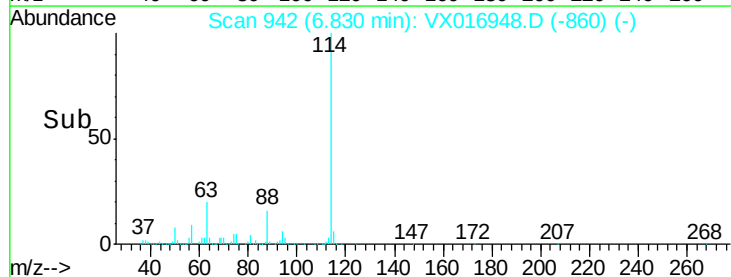
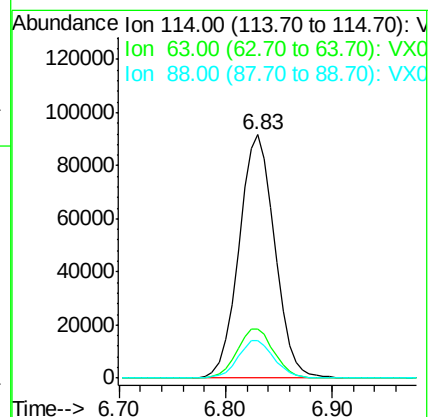
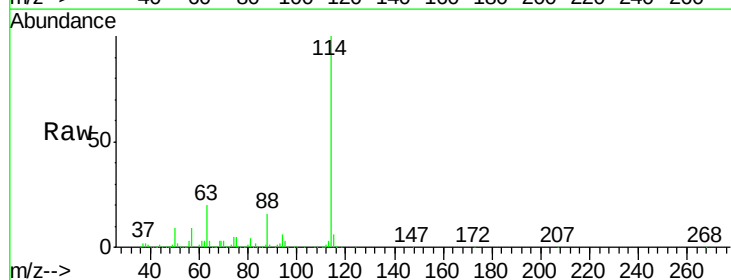
Tgt Ion: 114 Resp: 216122

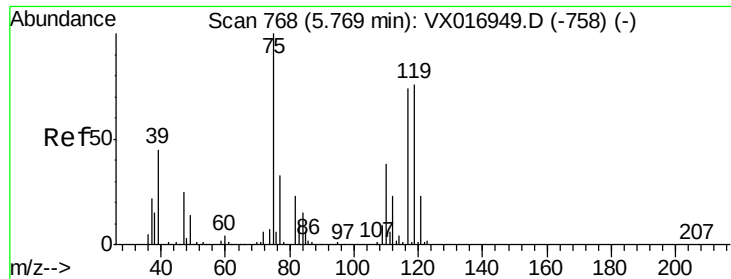
Ion Ratio Lower Upper

114 100

63 21.1 17.4 26.2

88 15.6 13.0 19.6

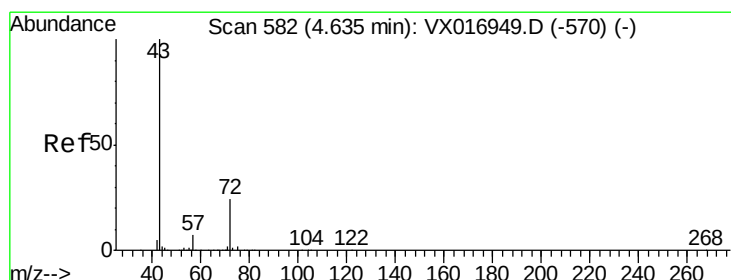
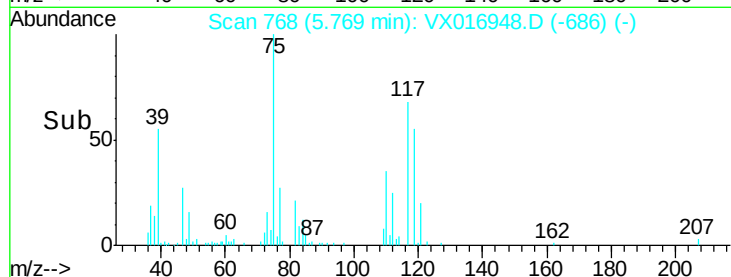
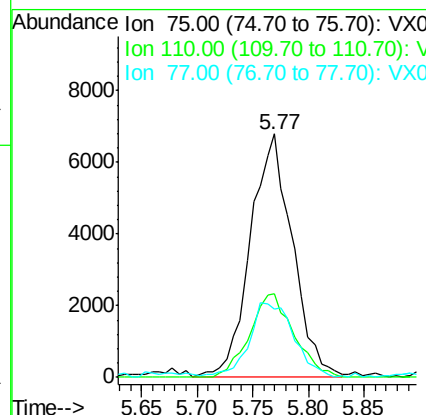
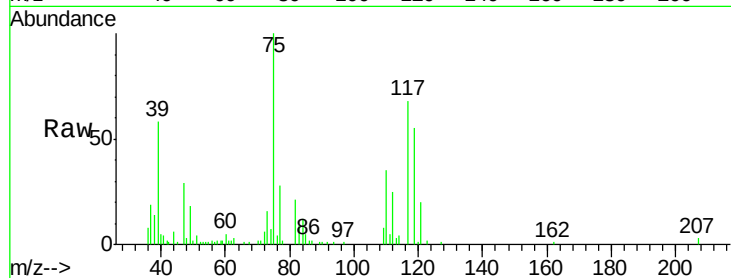




#29
 1,1-Dichloropropene
 Concen: 5.094 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016948.D
 Acq: 25 Jun 2020 12:39

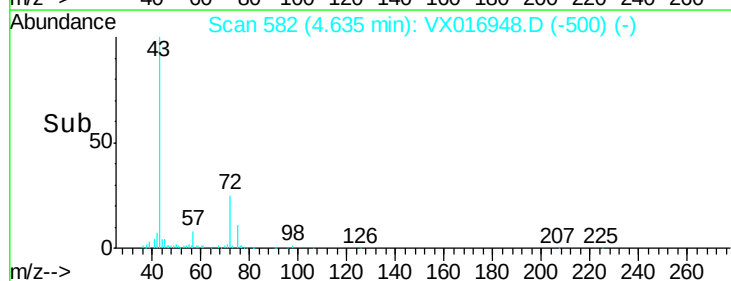
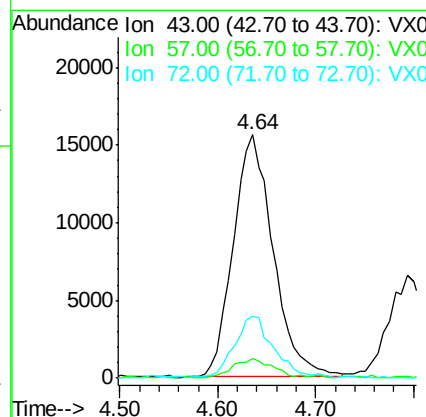
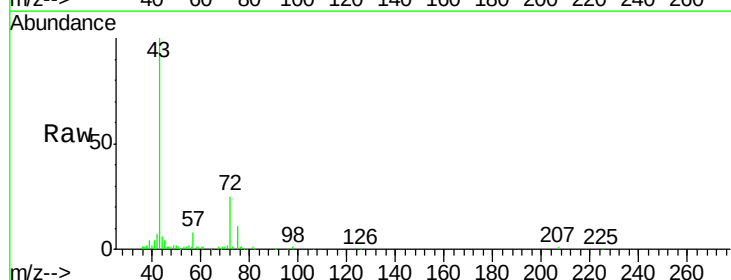
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

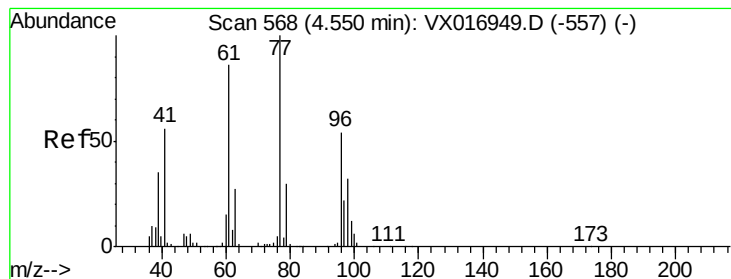
Tgt Ion: 75 Resp: 17935
 Ion Ratio Lower Upper
 75 100
 110 35.9 0.0 71.6
 77 32.8 0.0 64.0



#30
 2-Butanone
 Concen: 24.061 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX016948.D
 Acq: 25 Jun 2020 12:39

Tgt Ion: 43 Resp: 44155
 Ion Ratio Lower Upper
 43 100
 57 8.3 6.2 9.4
 72 25.1 20.6 31.0





#31

2,2-Dichloropropane

Concen: 5.235 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

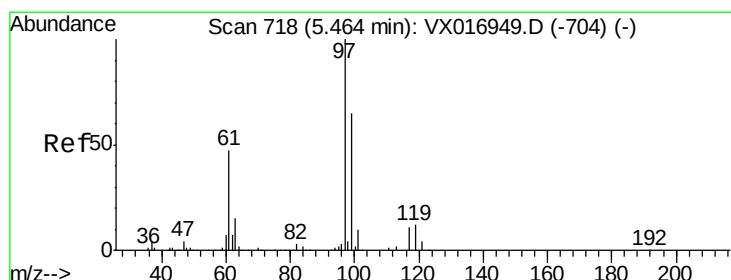
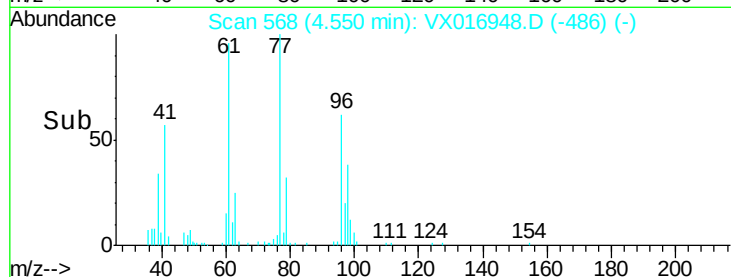
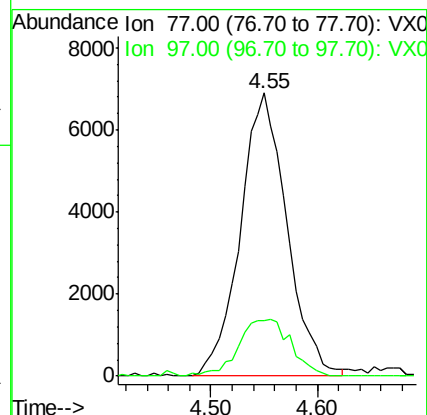
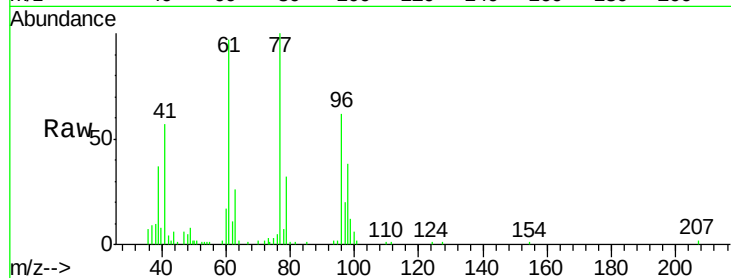
BFB

Tgt Ion: 77 Resp: 21138

Ion Ratio Lower Upper

77 100

97 21.7 18.5 27.7



#32

1,1,1-Trichloroethane

Concen: 5.166 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

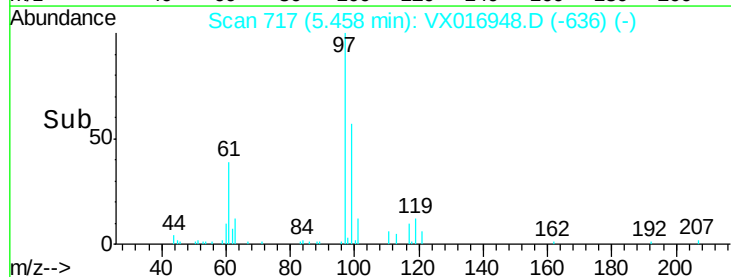
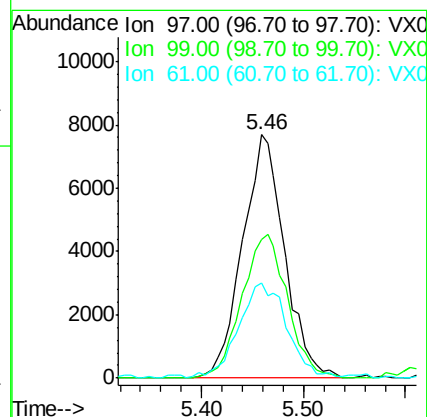
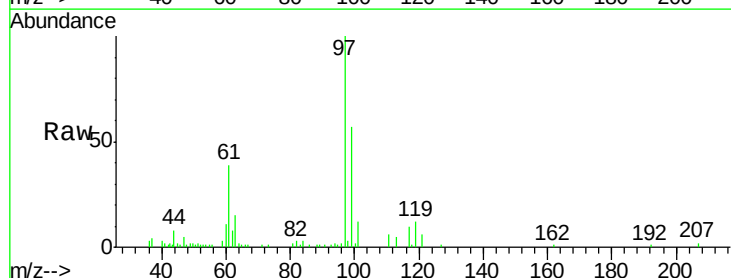
Tgt Ion: 97 Resp: 22008

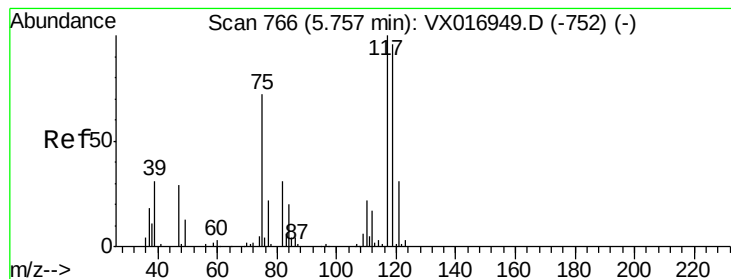
Ion Ratio Lower Upper

97 100

99 63.8 52.2 78.2

61 25.7 36.9 55.3#





#33

Carbon Tetrachloride

Concen: 5.038 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

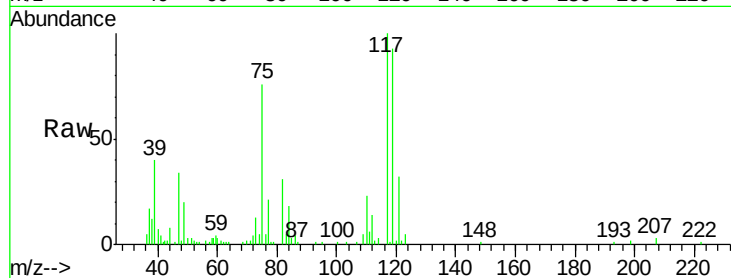
Tgt Ion:117 Resp: 19034

Ion Ratio Lower Upper

117 100

119 92.7 77.0 115.4

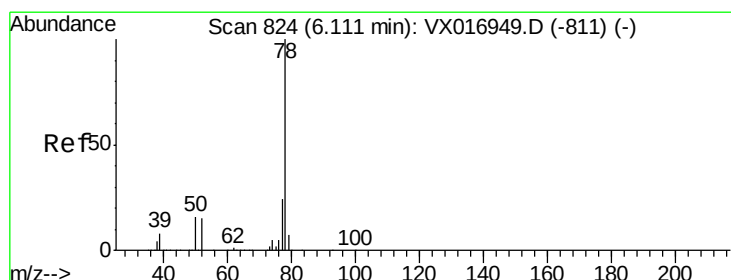
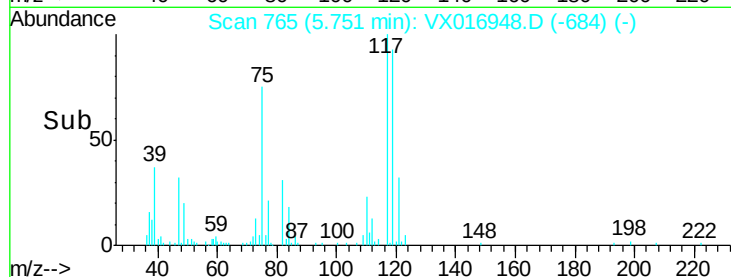
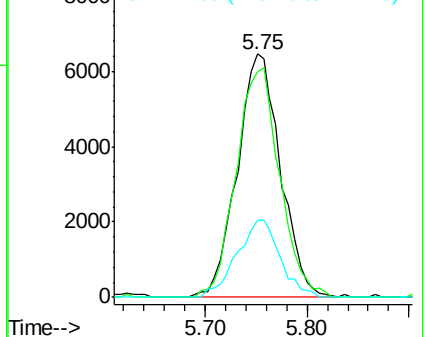
121 31.6 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 5.094 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

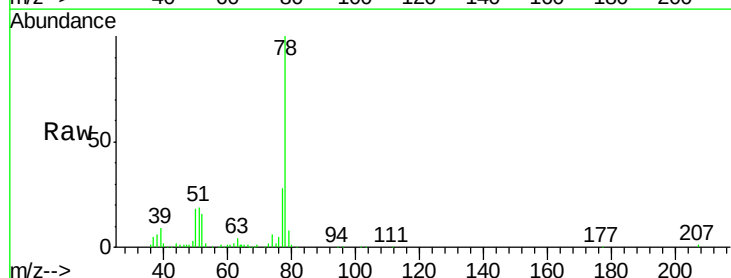
Tgt Ion: 78 Resp: 52223

Ion Ratio Lower Upper

78 100

77 27.8 19.0 28.6

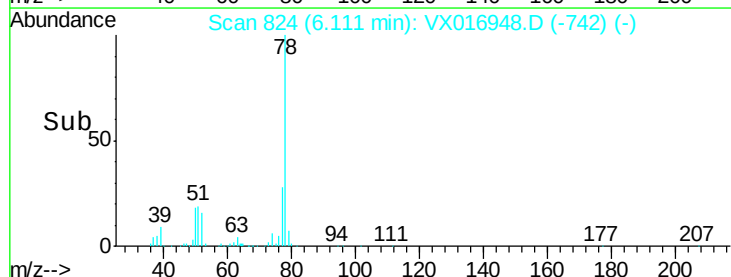
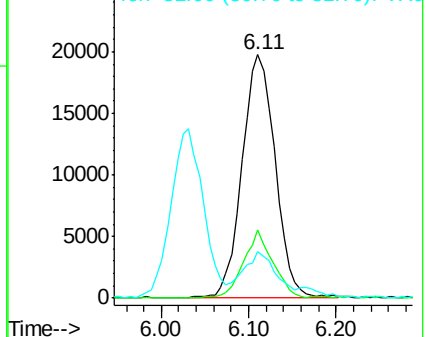
51 18.0 12.8 19.2

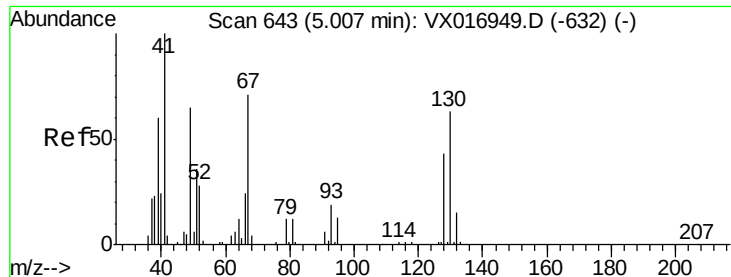


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

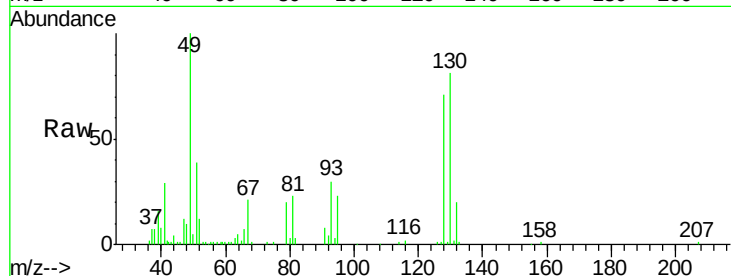




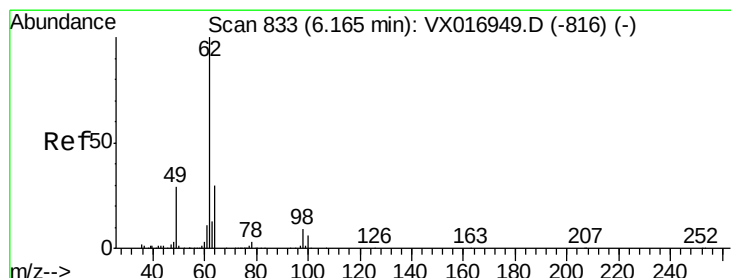
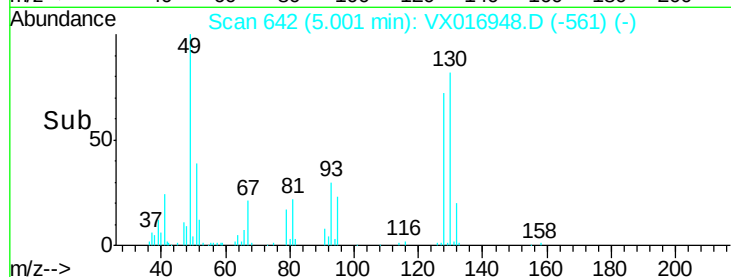
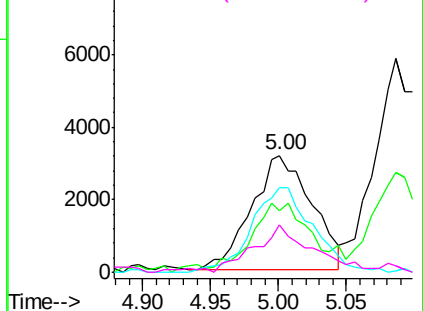
#35
Methacrylonitrile
Concen: 4.836 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:	41	Resp:	9795
Ion	Ratio	Lower	Upper
41	100		
39	48.3	29.8	89.5
67	73.4	35.3	105.9
52	36.2	14.1	42.3

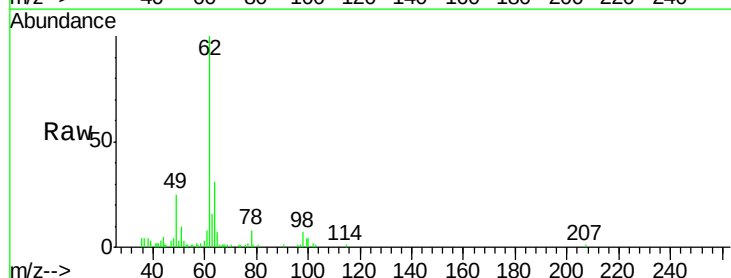


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

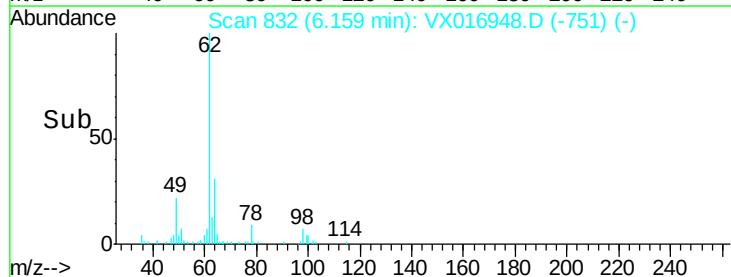
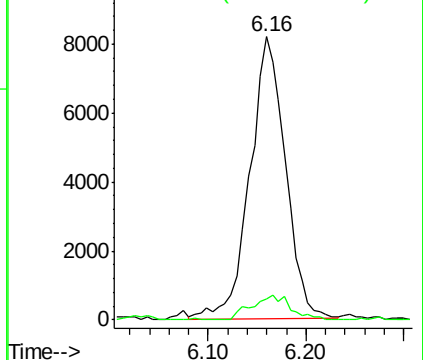


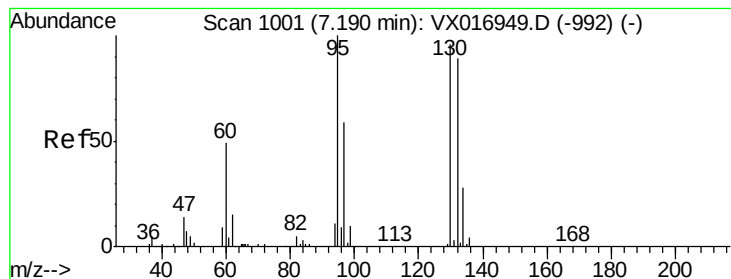
#36
1,2-Dichloroethane
Concen: 5.266 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

Tgt Ion:	62	Resp:	20677
Ion	Ratio	Lower	Upper
62	100		
98	2.4	7.6	11.4#



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 5.196 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

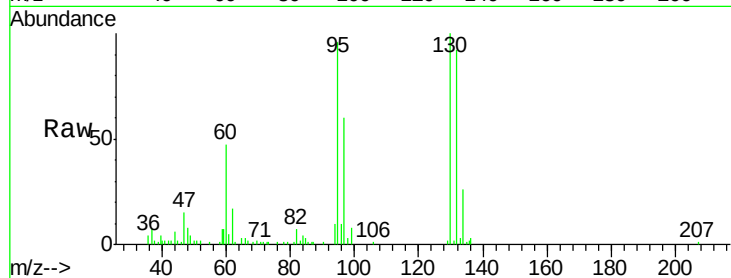
BFB

Tgt Ion:130 Resp: 14534

Ion Ratio Lower Upper

130 100

95 94.3 83.1 124.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

8000

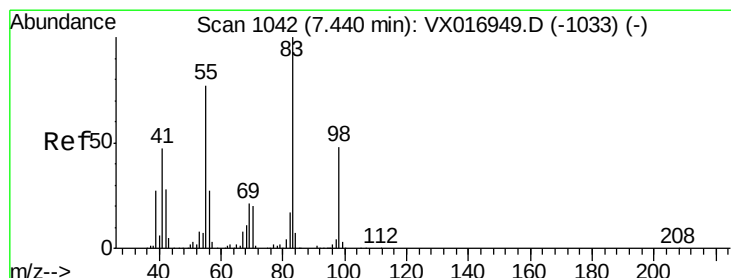
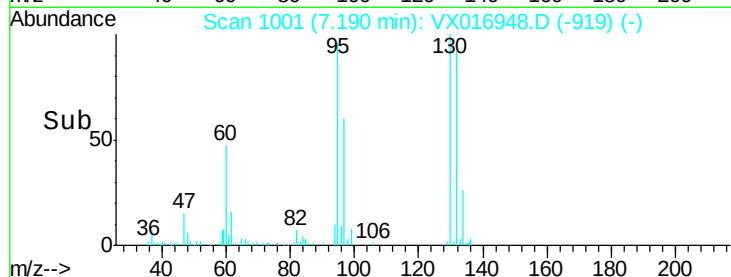
6000

4000

2000

0

Time--> 7.10 7.15 7.20 7.25



#38

Methylcyclohexane

Concen: 4.987 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

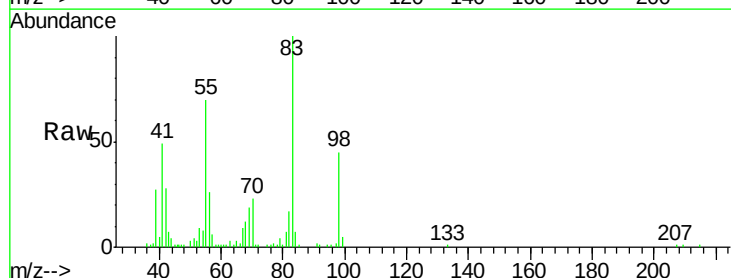
Tgt Ion: 83 Resp: 19997

Ion Ratio Lower Upper

83 100

55 81.1 38.1 114.5

98 49.7 24.6 73.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.43

12000

10000

8000

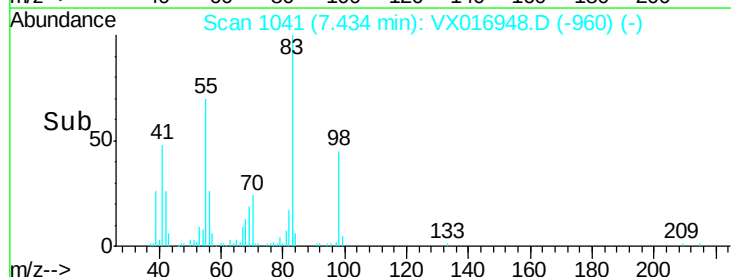
6000

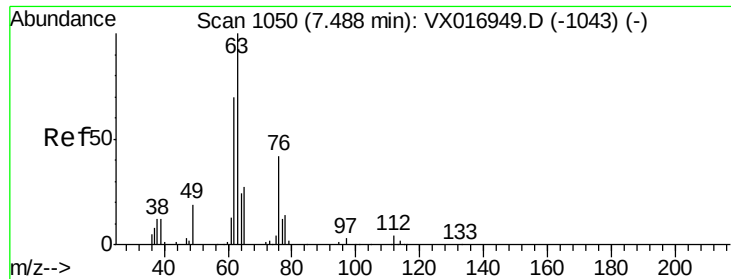
4000

2000

0

Time--> 7.35 7.40 7.45 7.50 7.55

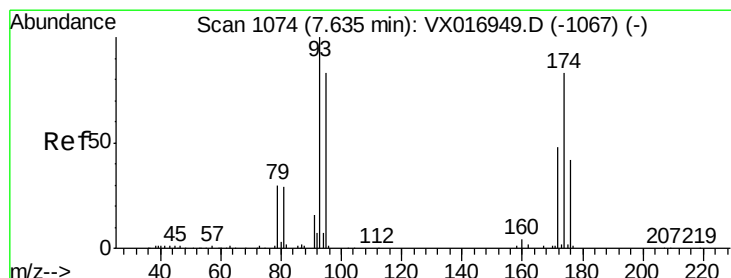
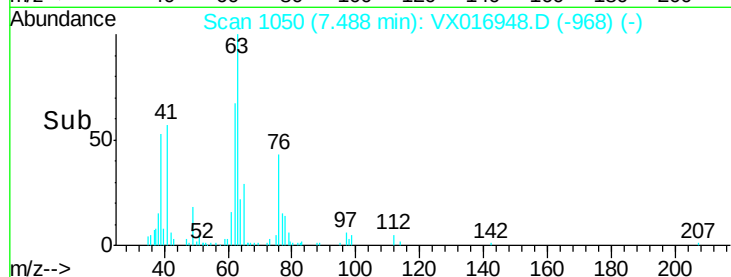
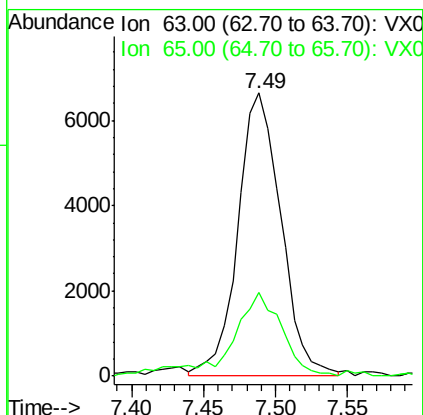
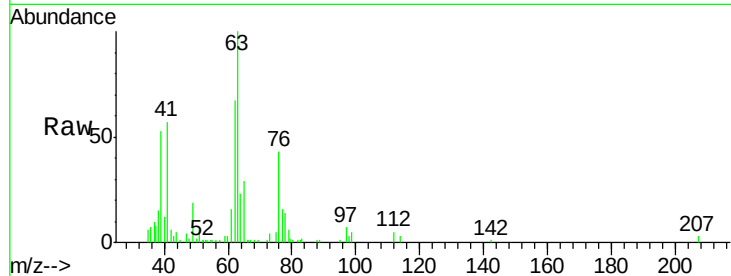




#39
 1,2-Dichloropropane
 Concen: 5.164 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016948.D
 Acq: 25 Jun 2020 12:39

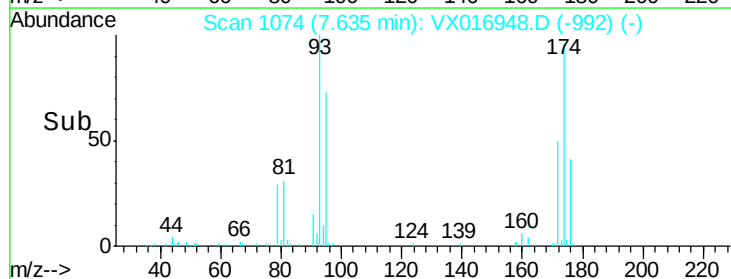
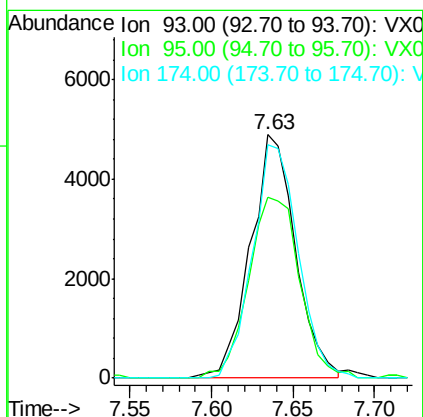
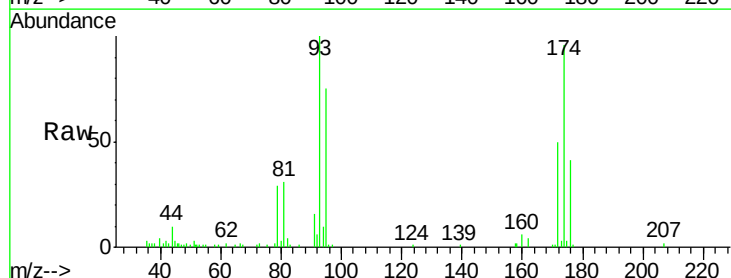
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

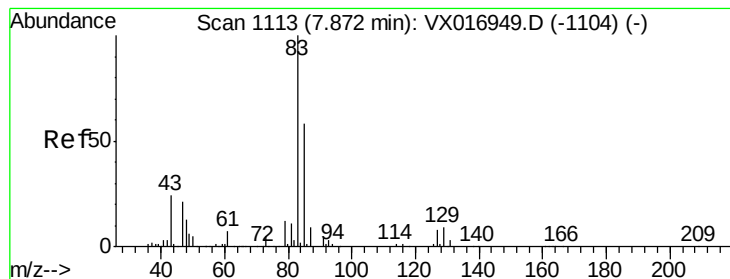
Tgt Ion: 63 Resp: 13792
 Ion Ratio Lower Upper
 63 100
 65 29.9 22.8 34.2



#40
 Dibromomethane
 Concen: 5.088 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX016948.D
 Acq: 25 Jun 2020 12:39

Tgt Ion: 93 Resp: 9365
 Ion Ratio Lower Upper
 93 100
 95 84.2 0.0 165.4
 174 97.2 0.0 192.0





#41

Bromodichloromethane

Concen: 4.885 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampled :

BFB

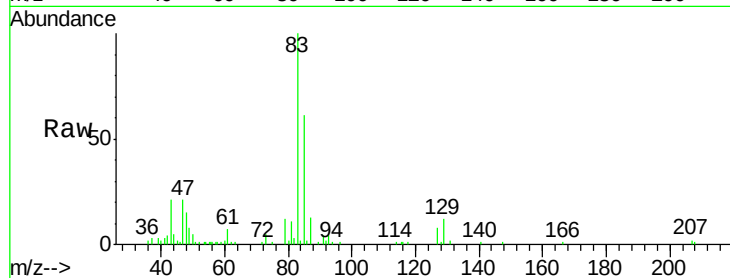
Tgt Ion: 83 Resp: 18620

Ion Ratio Lower Upper

83 100

85 60.6 46.7 70.1

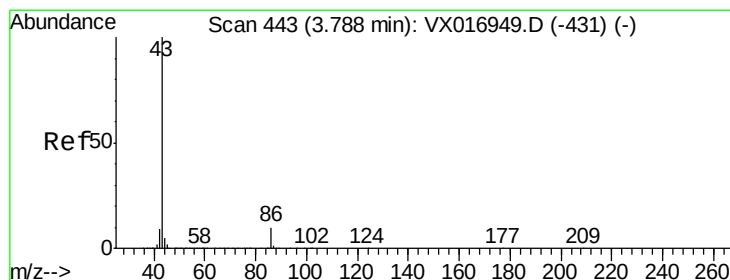
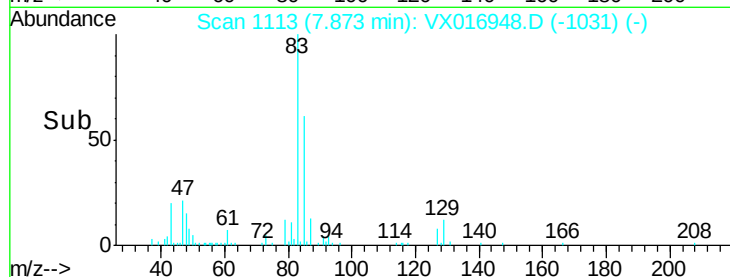
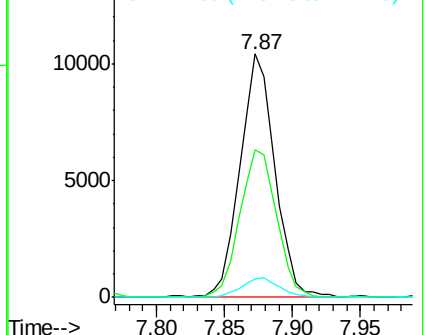
127 7.7 6.5 9.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 23.450 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016948.D

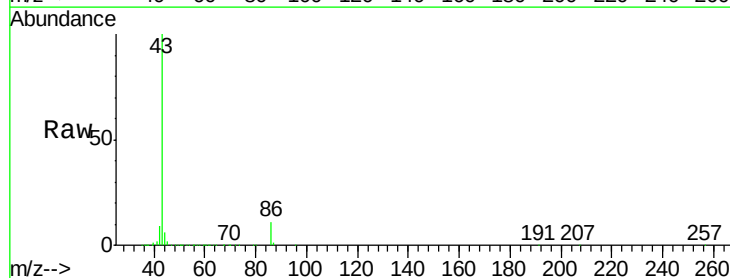
Acq: 25 Jun 2020 12:39

Tgt Ion: 43 Resp: 173417

Ion Ratio Lower Upper

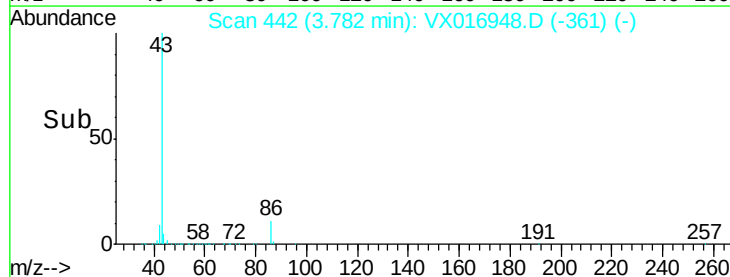
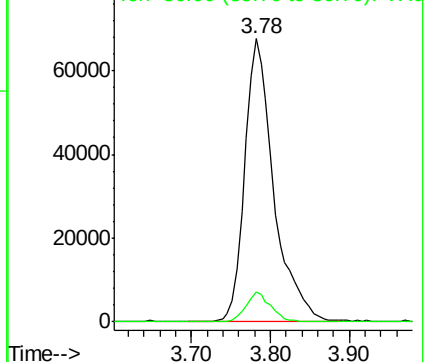
43 100

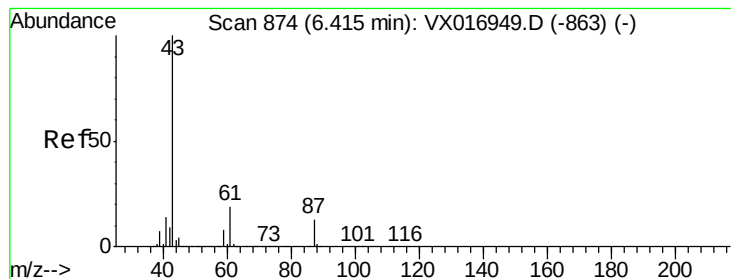
86 9.1 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#44

Isopropyl Acetate

Concen: 4.861 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampled :

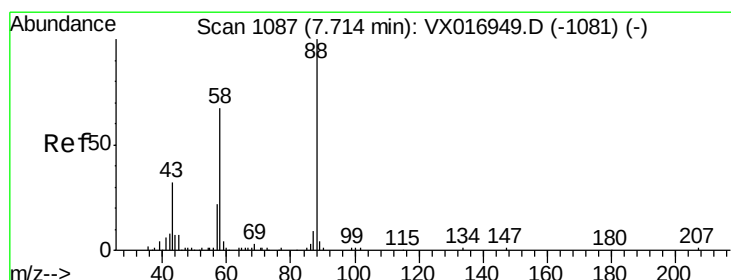
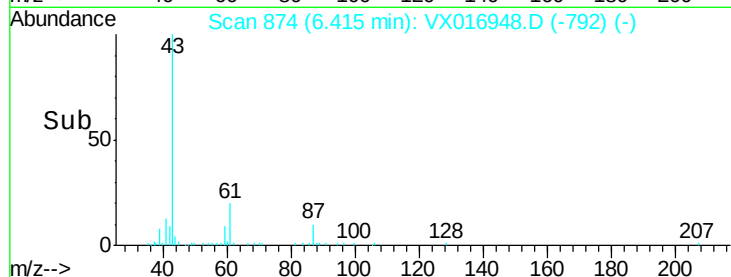
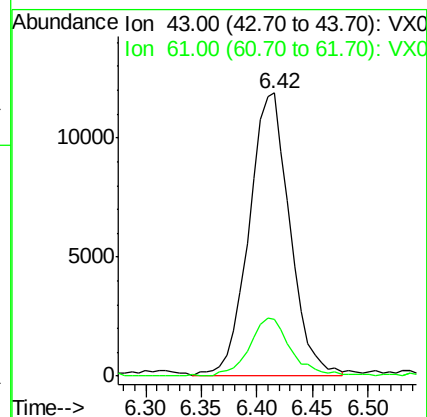
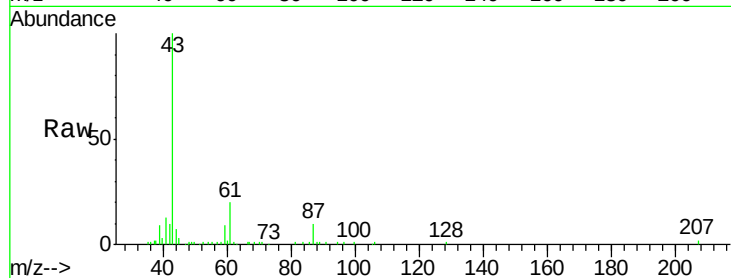
BFB

Tgt Ion: 43 Resp: 30460

Ion Ratio Lower Upper

43 100

61 20.2 15.4 23.2



#45

1,4-Dioxane

Concen: 92.073 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

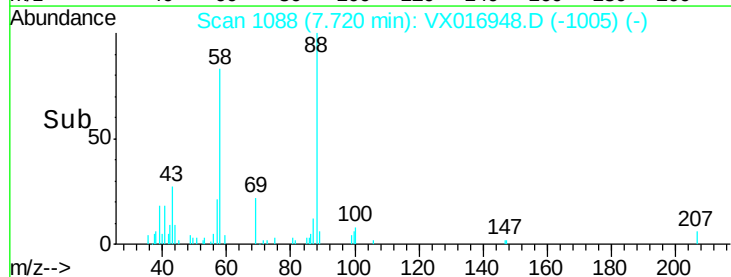
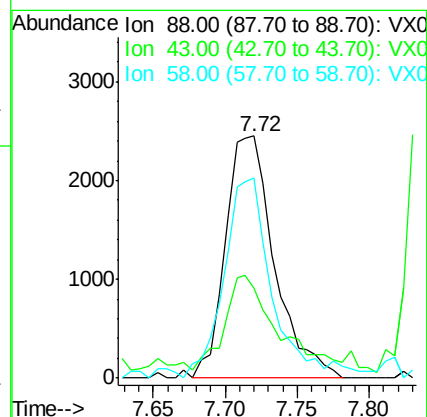
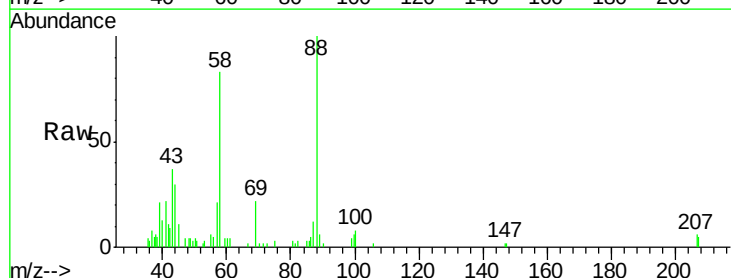
Tgt Ion: 88 Resp: 5820

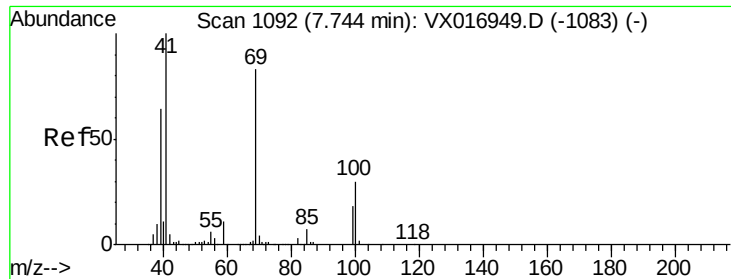
Ion Ratio Lower Upper

88 100

43 33.0 28.9 43.3

58 78.9 56.7 85.1

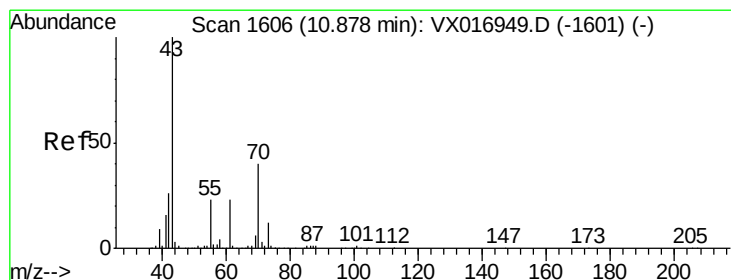
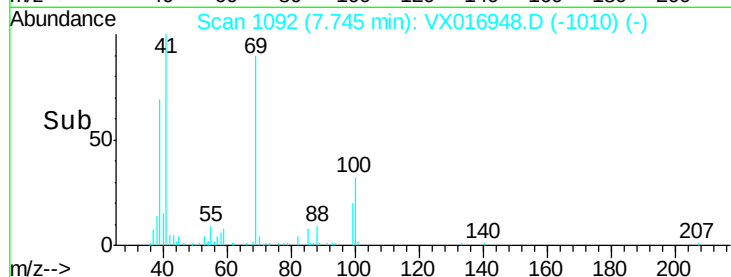
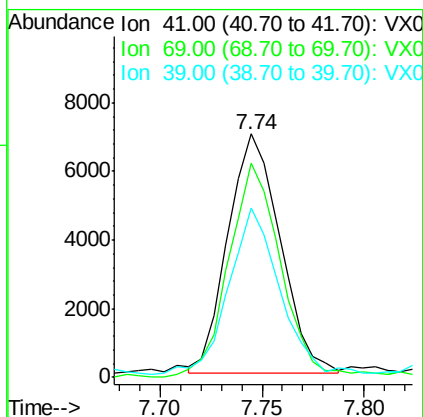
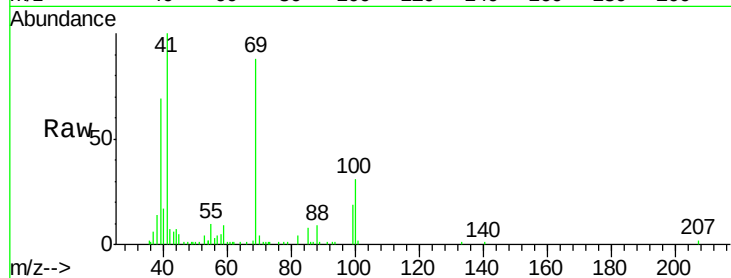




#46
Methyl methacrylate
Concen: 4.273 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

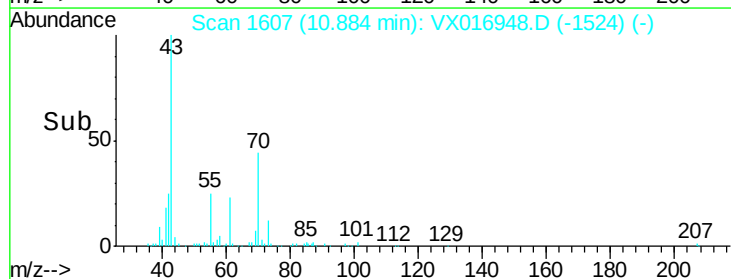
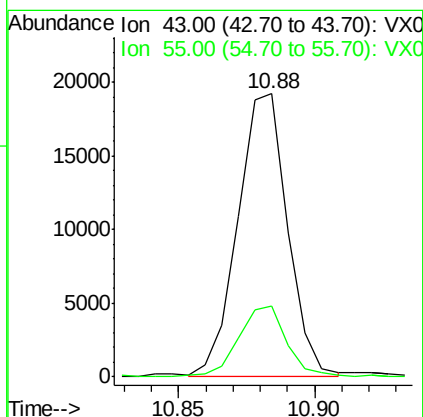
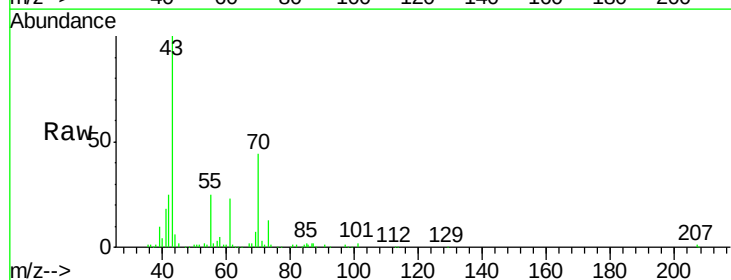
Instrument :
MSVOA_X
ClientSampleId :
BFB

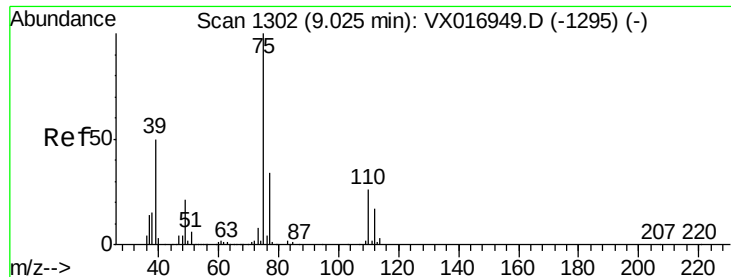
Tgt Ion: 41 Resp: 12390
Ion Ratio Lower Upper
41 100
69 87.9 41.3 123.9
39 67.4 32.0 96.2



#47
n-amyl Acetate
Concen: 4.384 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

Tgt Ion: 43 Resp: 24279
Ion Ratio Lower Upper
43 100
55 24.6 18.6 27.8





#48

t-1,3-Dichloropropene

Concen: 4.764 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

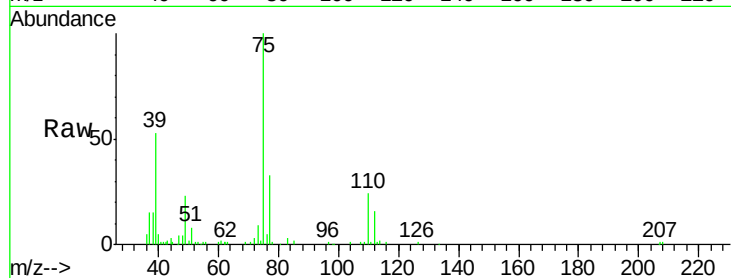
BFB

Tgt Ion: 75 Resp: 20077

Ion Ratio Lower Upper

75 100

77 31.7 27.0 40.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.02

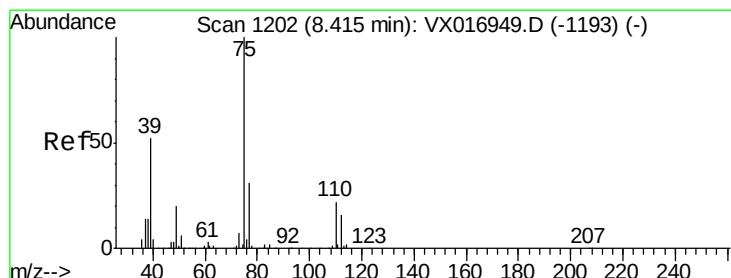
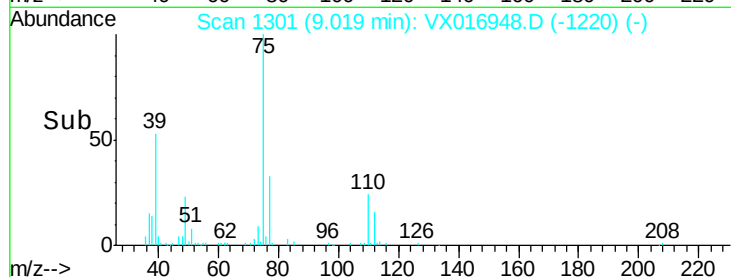
15000

10000

5000

0

Time--> 8.95 9.00 9.05 9.10



#49

cis-1,3-Dichloropropene

Concen: 4.849 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

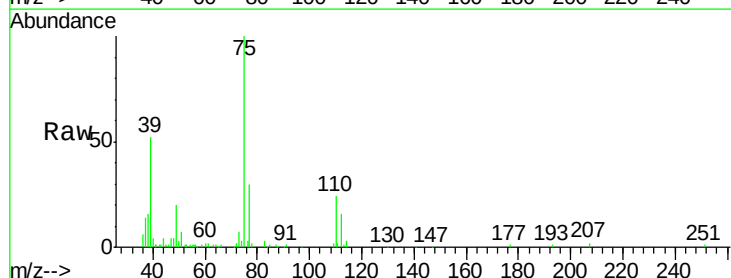
Tgt Ion: 75 Resp: 21476

Ion Ratio Lower Upper

75 100

77 30.1 24.8 37.2

39 50.3 41.8 62.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

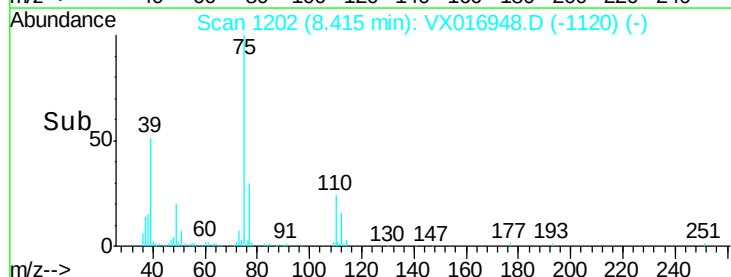
15000

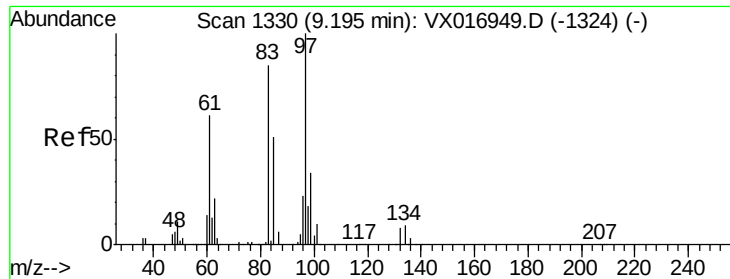
10000

5000

0

Time--> 8.35 8.40 8.45

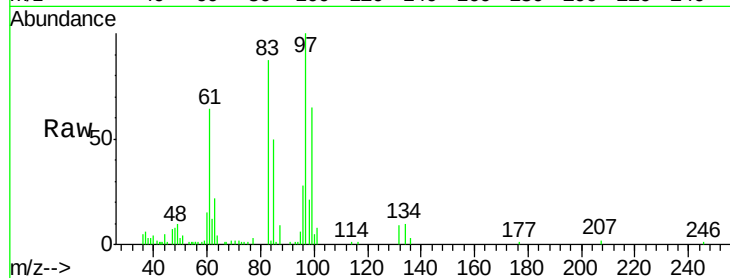




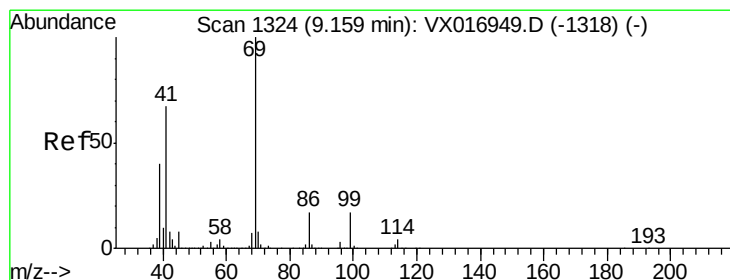
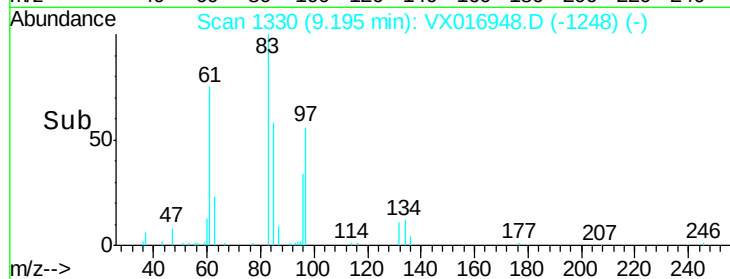
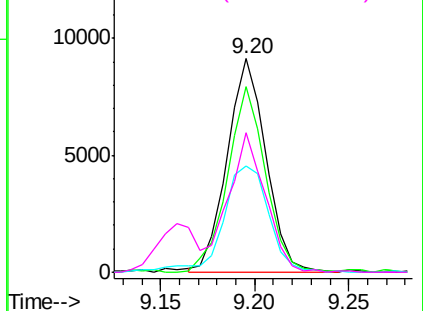
#50
 1,1,2-Trichloroethane
 Concen: 5.087 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016948.D
 Acq: 25 Jun 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion: 97 Resp: 13069
 Ion Ratio Lower Upper
 97 100
 83 86.3 67.4 101.0
 85 49.2 42.9 64.3
 99 64.7 47.8 71.6

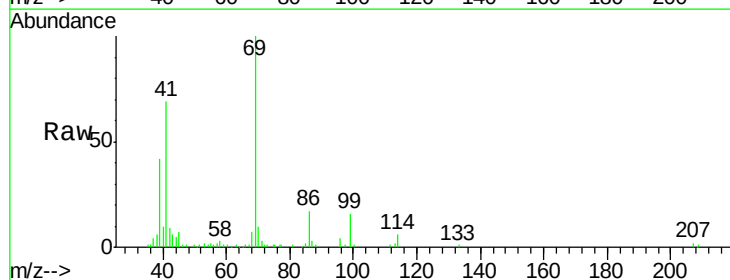


Abundance Ion 97.00 (96.70 to 97.70): VX0

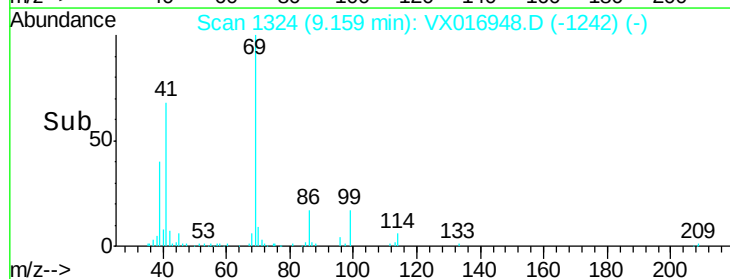
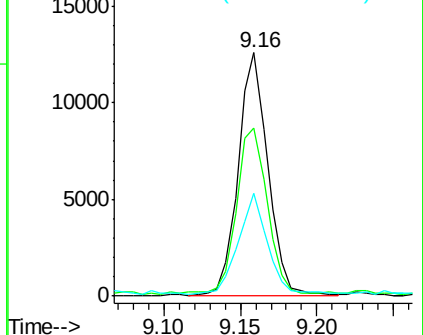


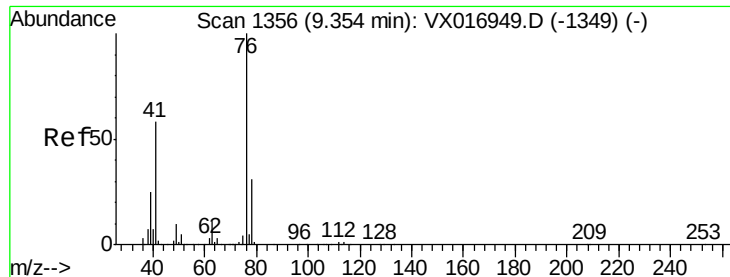
#51
 Ethyl methacrylate
 Concen: 4.319 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016948.D
 Acq: 25 Jun 2020 12:39

Tgt Ion: 69 Resp: 17029
 Ion Ratio Lower Upper
 69 100
 41 67.8 33.7 101.1
 39 41.0 19.9 59.7



Abundance Ion 69.00 (68.70 to 69.70): VX0





#52

1,3-Dichloropropane

Concen: 4.866 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

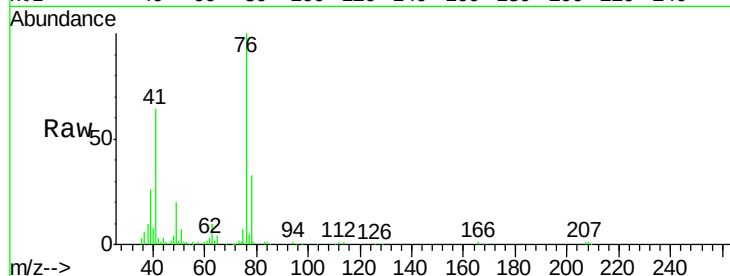
BFB

Tgt Ion: 76 Resp: 21461

Ion Ratio Lower Upper

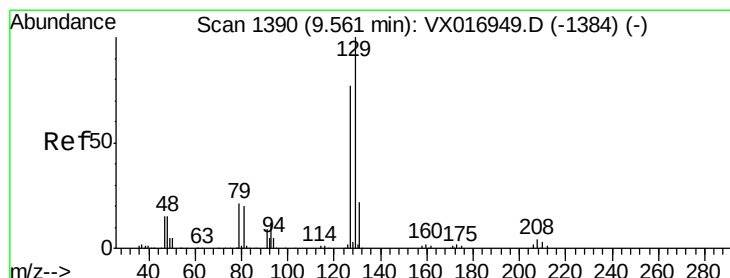
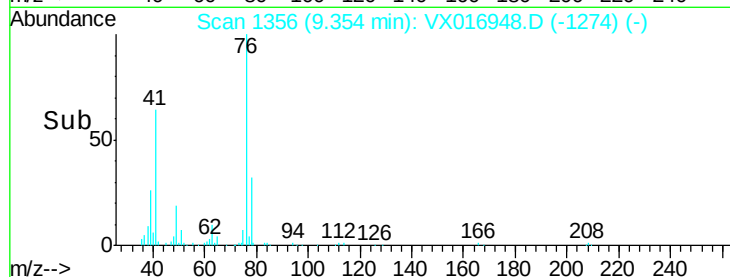
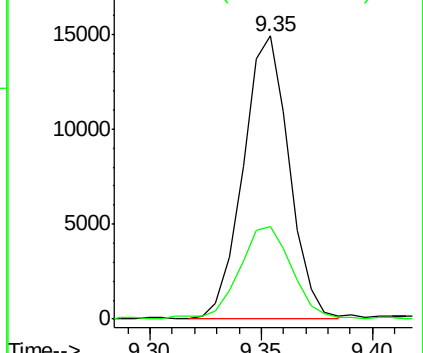
76 100

78 36.8 0.0 62.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0



#53

Dibromochloromethane

Concen: 4.786 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VX016948.D

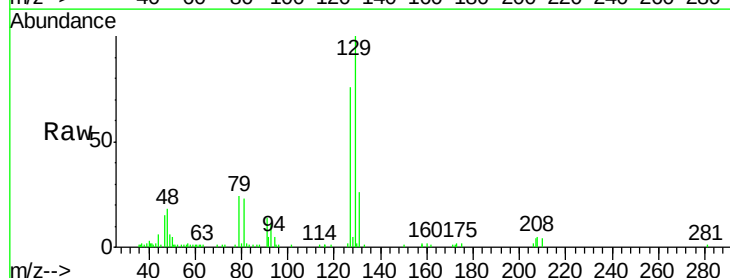
Acq: 25 Jun 2020 12:39

Tgt Ion: 129 Resp: 14132

Ion Ratio Lower Upper

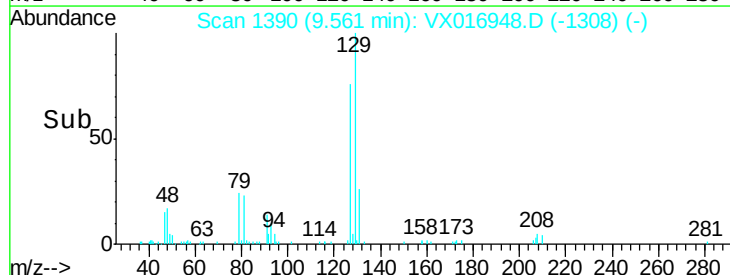
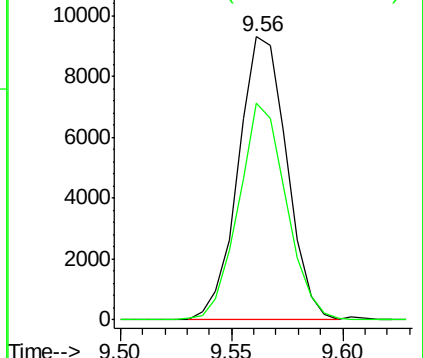
129 100

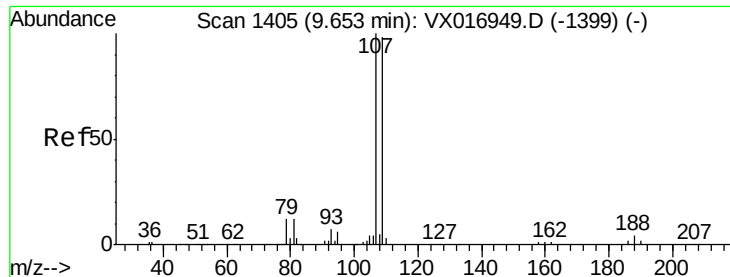
127 75.4 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

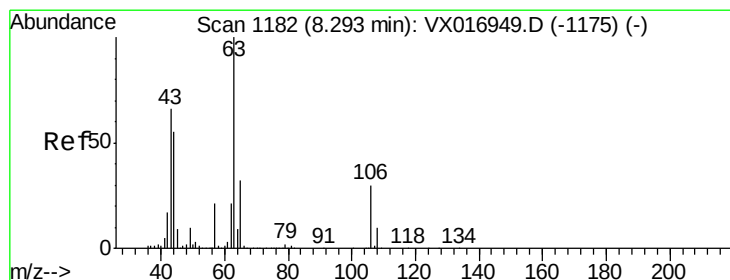
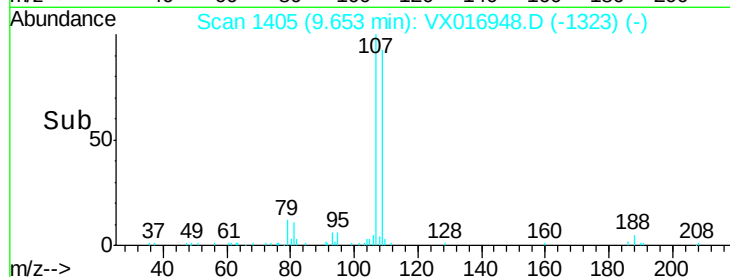
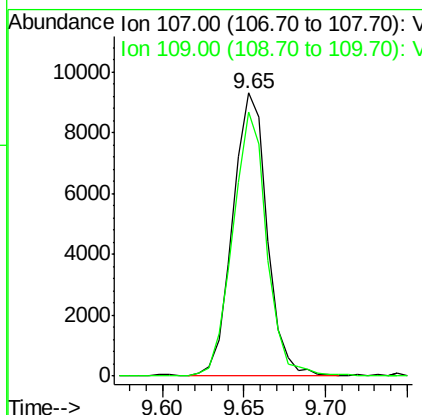
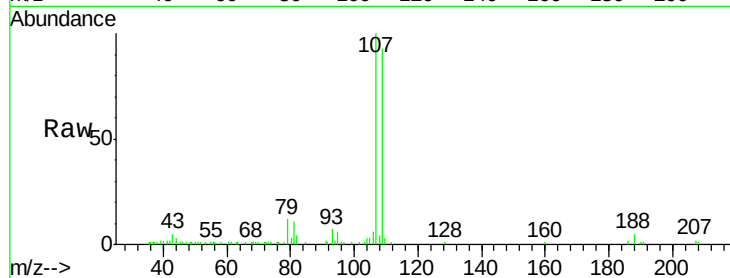




#54
 1,2-Dibromoethane
 Concen: 5.018 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016948.D
 Acq: 25 Jun 2020 12:39

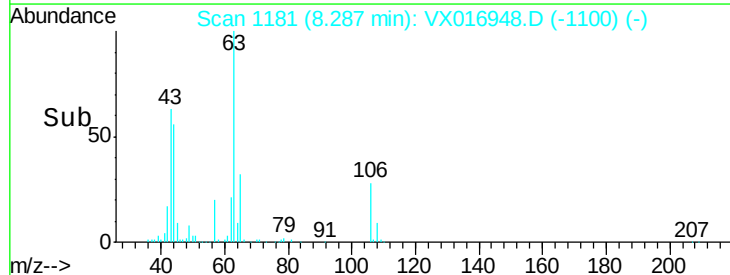
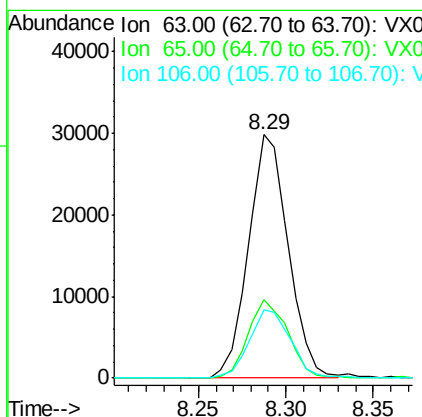
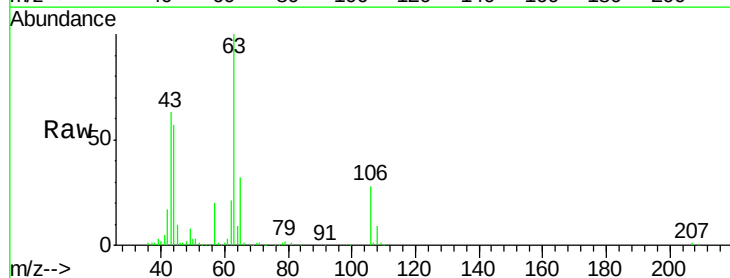
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

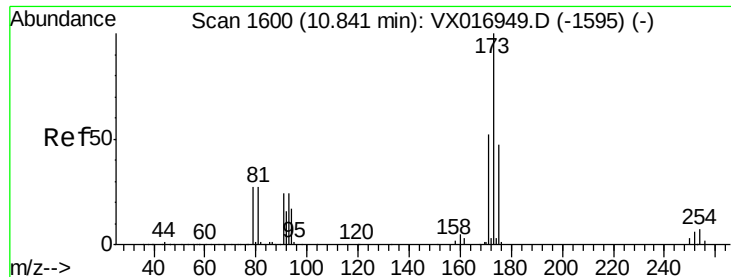
Tgt Ion: 107 Resp: 13679
 Ion Ratio Lower Upper
 107 100
 109 90.9 75.0 112.6



#55
 2-Chloroethyl vinyl ether
 Concen: 22.756 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016948.D
 Acq: 25 Jun 2020 12:39

Tgt Ion: 63 Resp: 47210
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.9 38.9
 106 29.1 22.6 33.8

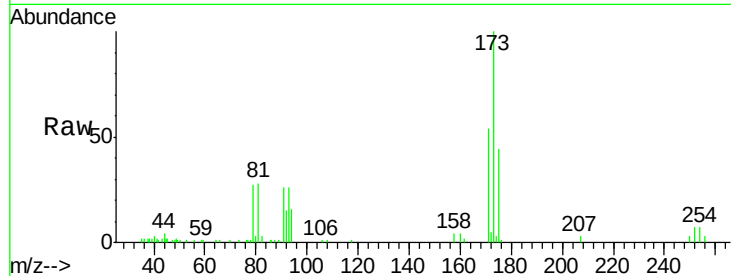




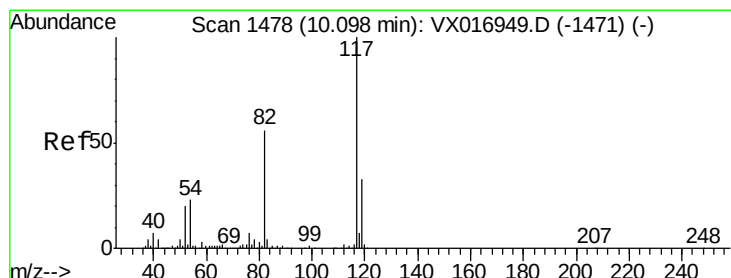
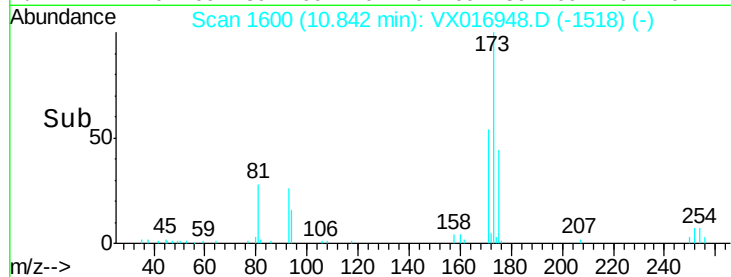
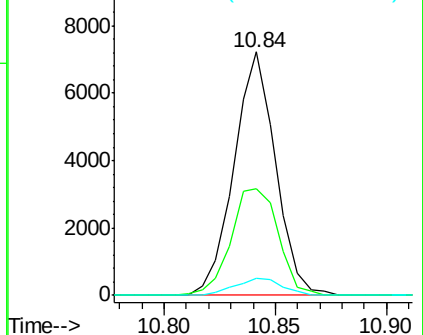
#56
Bromoform
Concen: 4.486 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:173 Resp: 9402
Ion Ratio Lower Upper
173 100
175 50.1 38.7 58.1
254 8.2 5.8 8.6

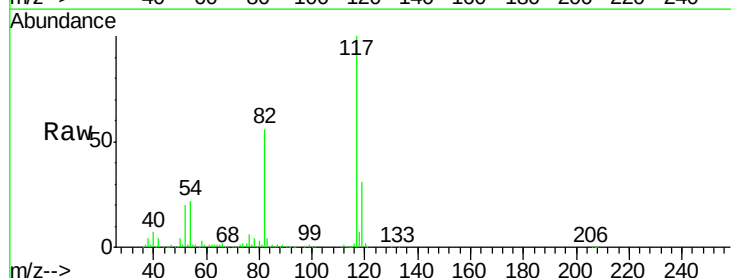


Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

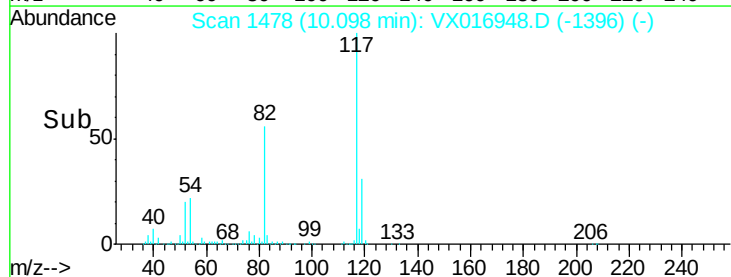
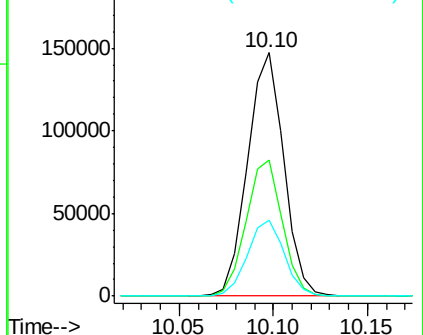


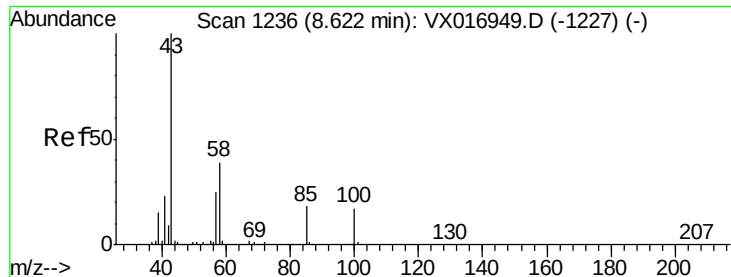
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

Tgt Ion:117 Resp: 196272
Ion Ratio Lower Upper
117 100
82 55.8 44.9 67.3
119 31.7 25.8 38.8



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

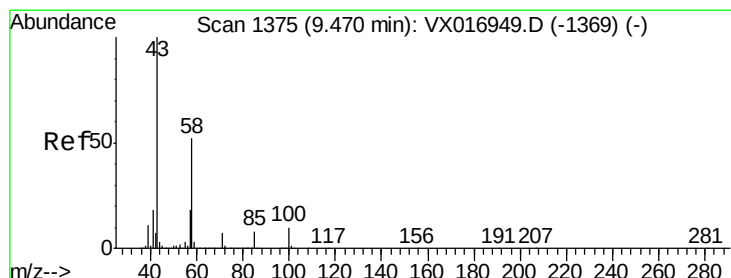
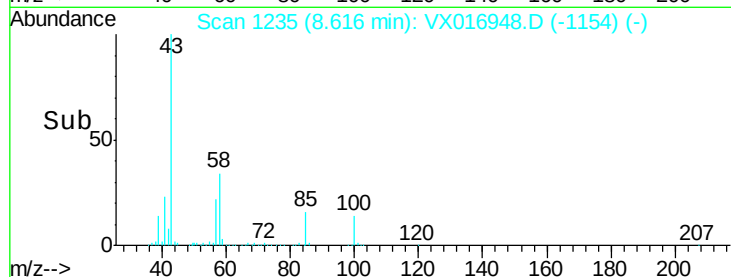
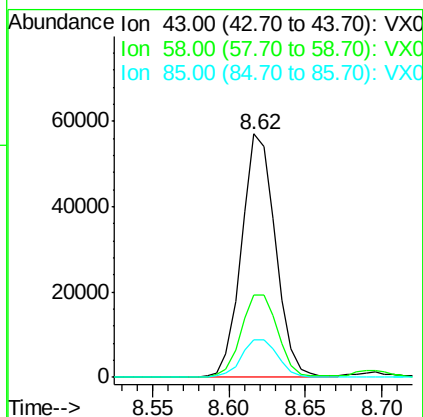
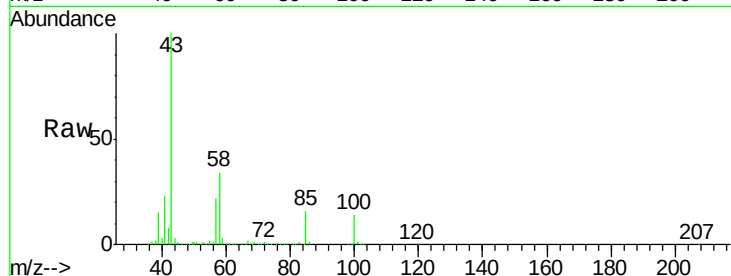




#58
 4-Methyl-2-Pentanone
 Concen: 24.252 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016948.D
 Acq: 25 Jun 2020 12:39

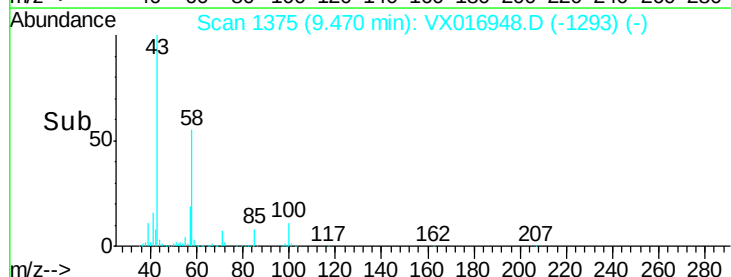
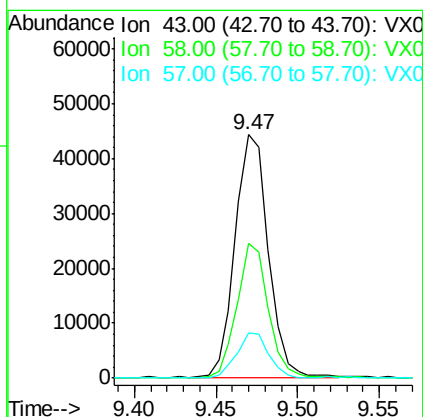
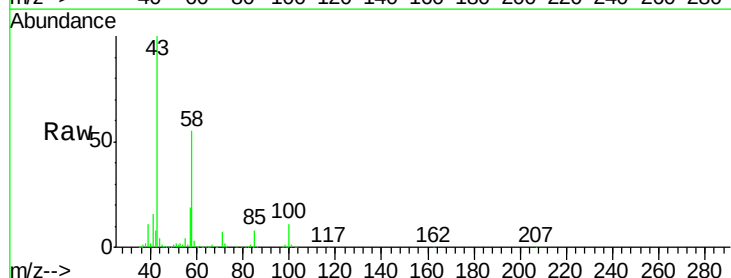
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

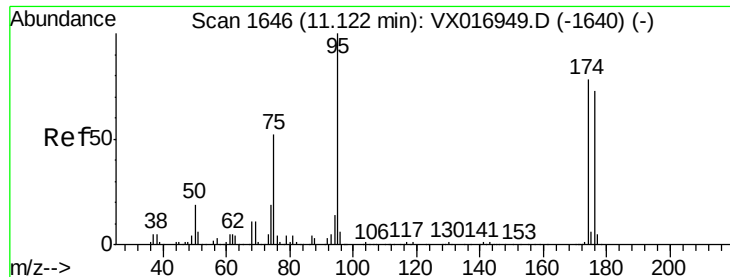
Tgt Ion: 43 Resp: 87681
 Ion Ratio Lower Upper
 43 100
 58 36.6 30.4 45.6
 85 16.9 13.5 20.3



#59
 2-Hexanone
 Concen: 23.377 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: VX016948.D
 Acq: 25 Jun 2020 12:39

Tgt Ion: 43 Resp: 63077
 Ion Ratio Lower Upper
 43 100
 58 52.7 42.3 63.5
 57 18.2 14.1 21.1

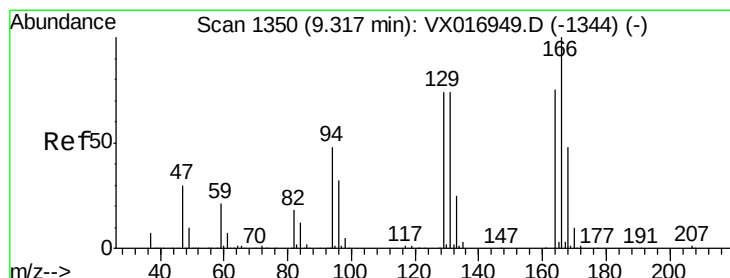
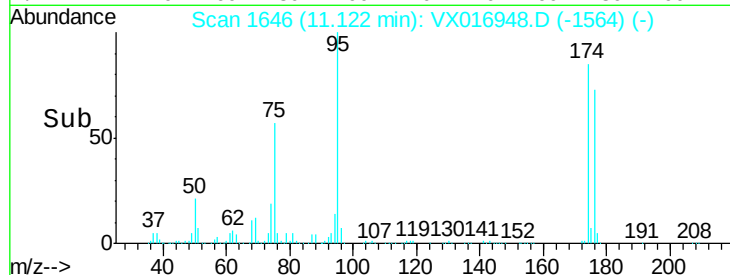
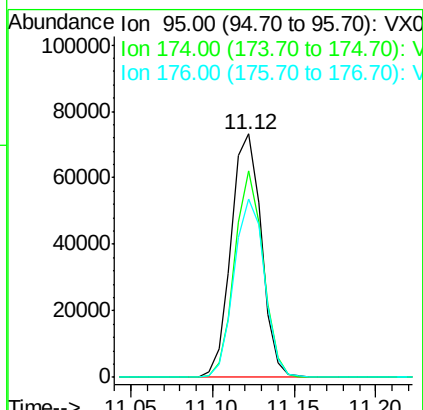
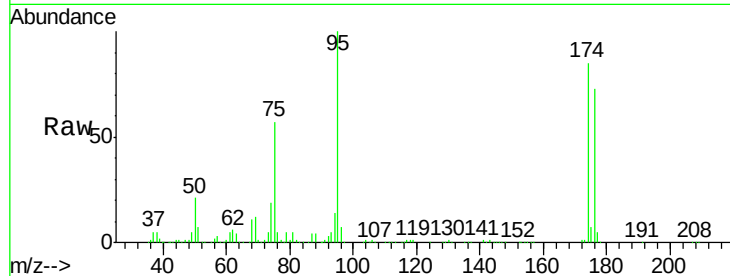




#60
4-Bromofluorobenzene
Concen: 28.954 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

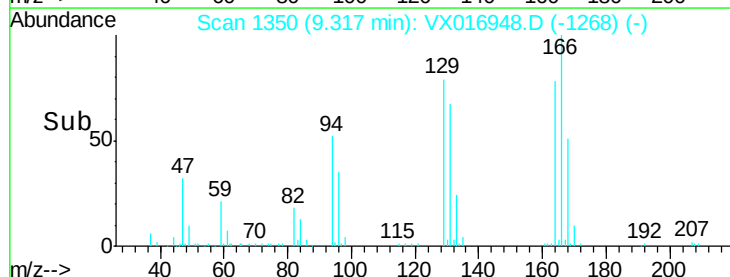
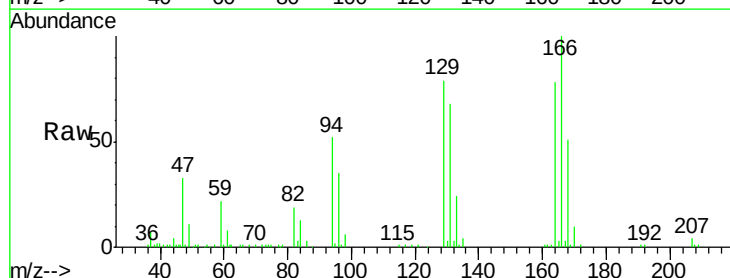
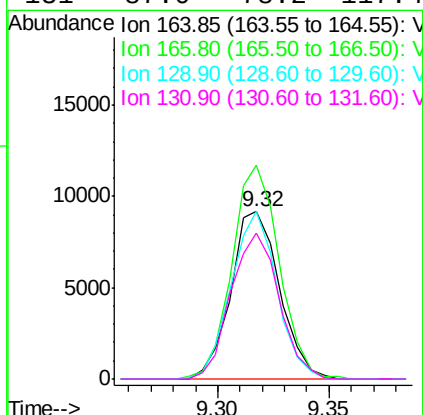
Instrument :
MSVOA_X
ClientSampleId :
BFB

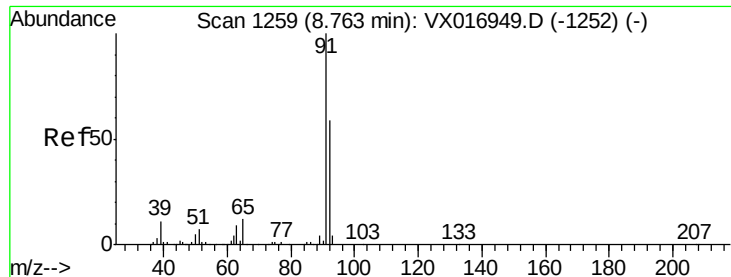
Tgt Ion: 95 Resp: 94774
Ion Ratio Lower Upper
95 100
174 79.5 62.2 93.4
176 74.1 58.9 88.3



#61
Tetrachloroethene
Concen: 5.591 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

Tgt Ion: 164 Resp: 13995
Ion Ratio Lower Upper
164 100
166 126.3 106.3 159.5
129 100.5 78.9 118.3
131 87.0 78.2 117.4





#62

Toluene

Concen: 5.196 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

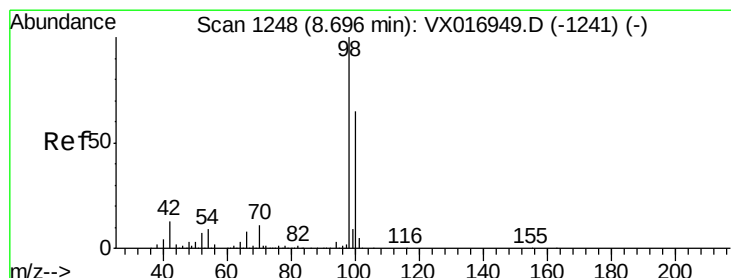
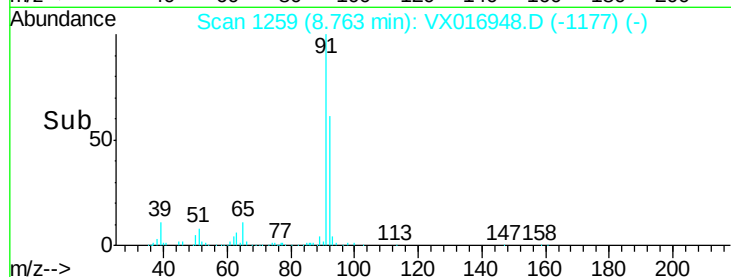
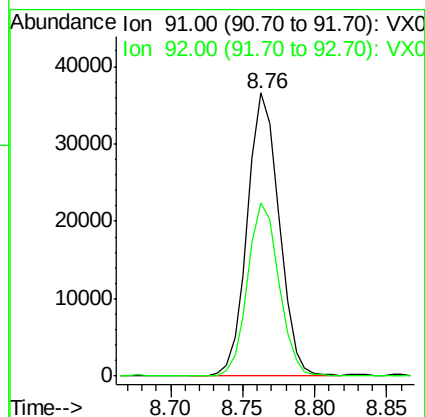
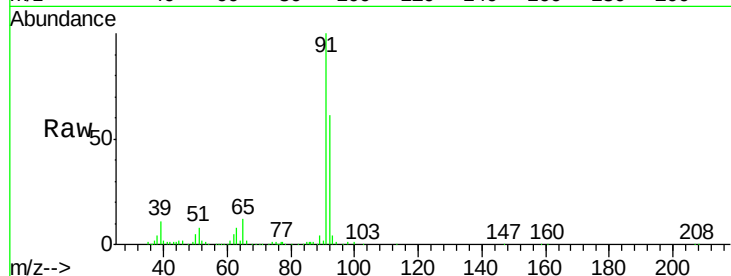
BFB

Tgt Ion: 91 Resp: 55781

Ion Ratio Lower Upper

91 100

92 60.4 46.8 70.2



#63

Toluene-d8

Concen: 30.524 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016948.D

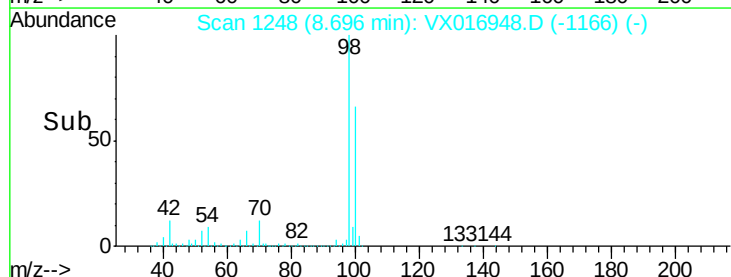
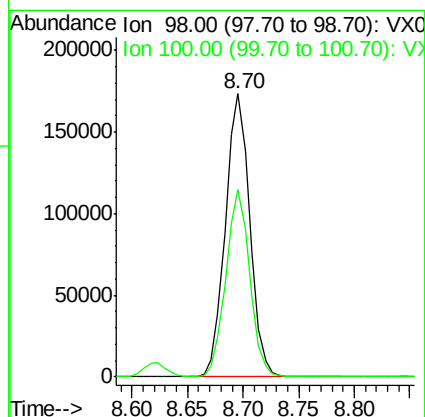
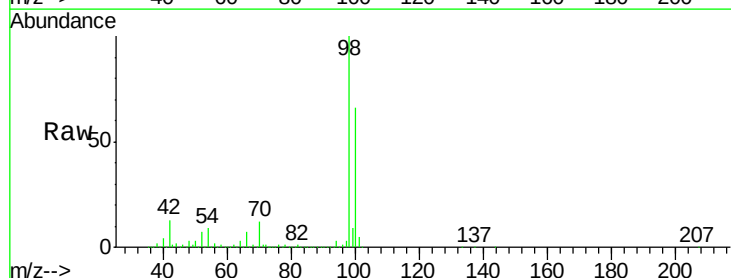
Acq: 25 Jun 2020 12:39

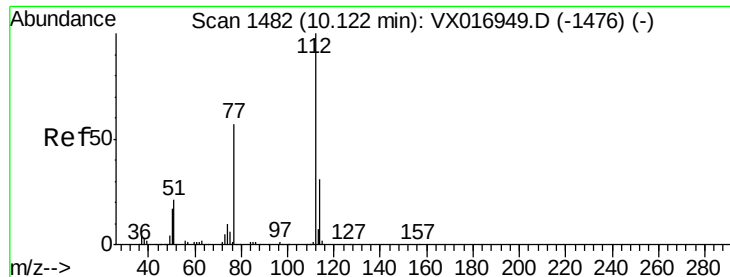
Tgt Ion: 98 Resp: 264088

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5





#64

Chlorobenzene

Concen: 5.153 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampled :

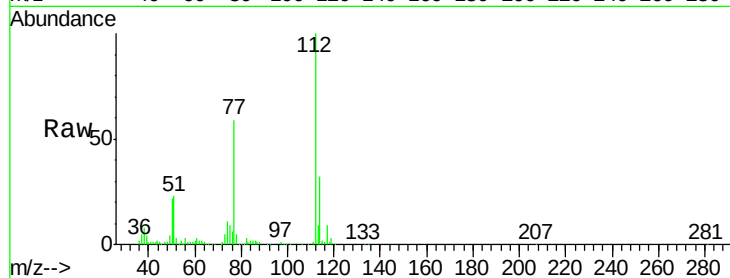
BFB

Tgt Ion:112 Resp: 34655

Ion Ratio Lower Upper

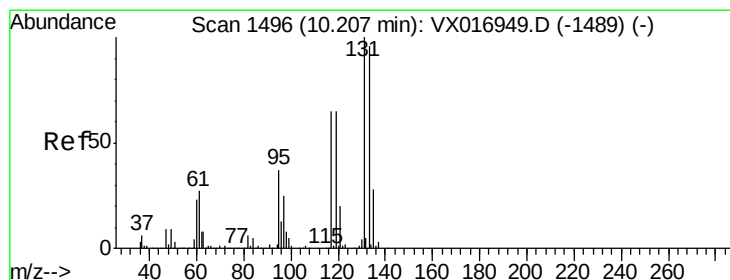
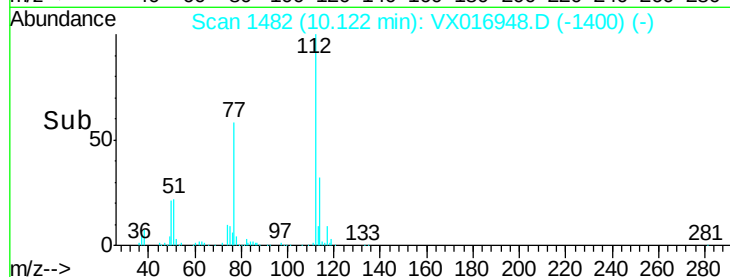
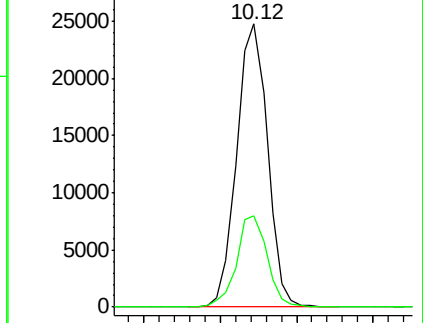
112 100

114 32.2 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#65

1,1,1,2-Tetrachloroethane

Concen: 4.913 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

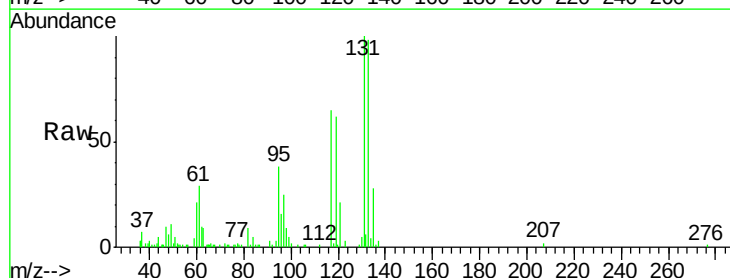
Tgt Ion:131 Resp: 12439

Ion Ratio Lower Upper

131 100

133 97.9 0.0 190.2

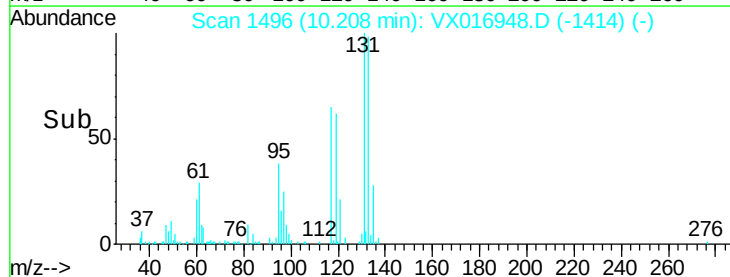
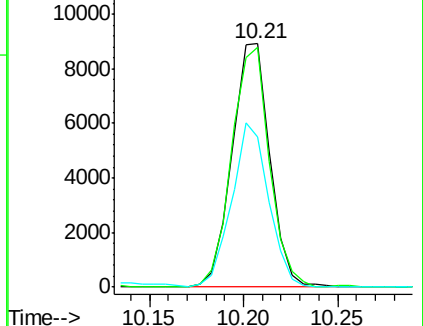
119 65.7 0.0 133.2

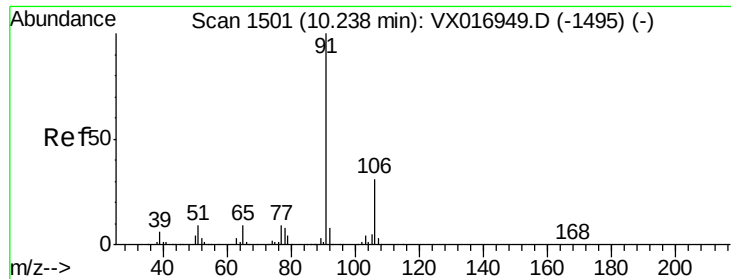


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#66

Ethyl Benzene

Concen: 4.899 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

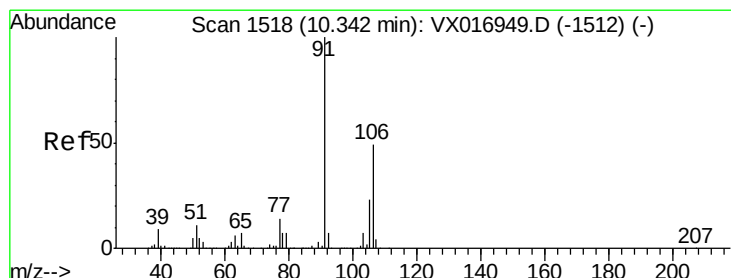
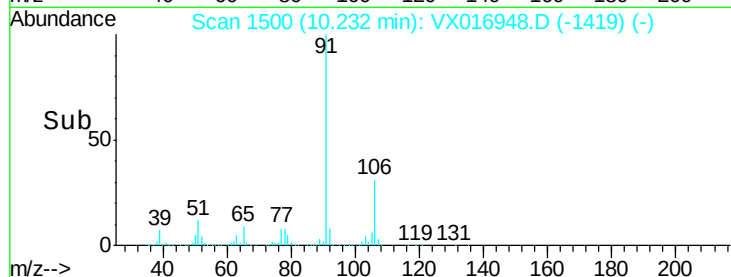
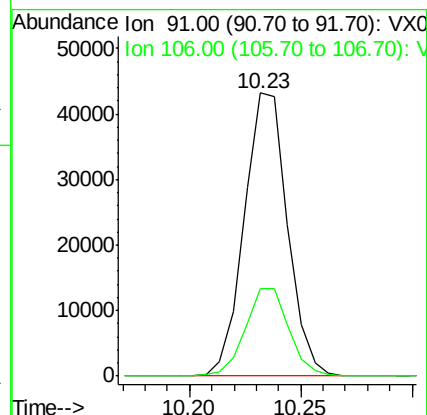
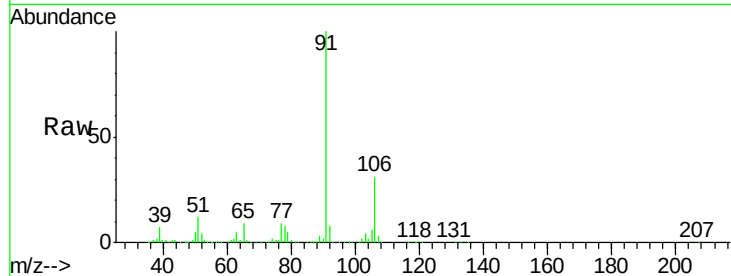
BFB

Tgt Ion: 91 Resp: 58317

Ion Ratio Lower Upper

91 100

106 31.1 24.8 37.2



#67

m/p-Xylenes

Concen: 9.797 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016948.D

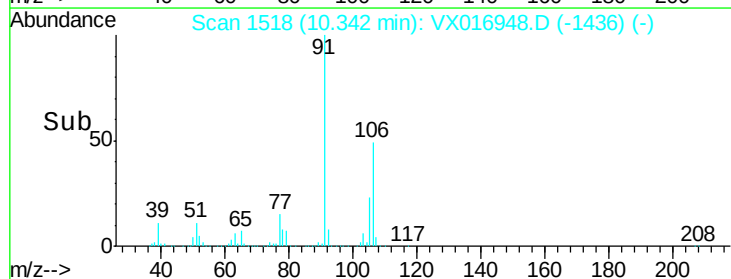
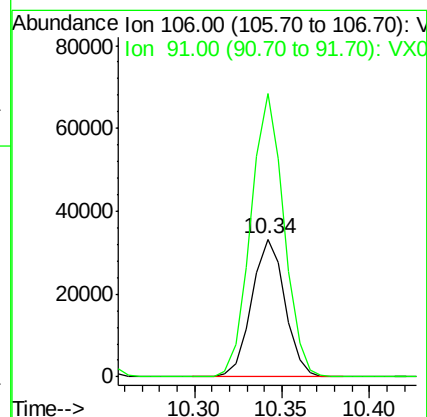
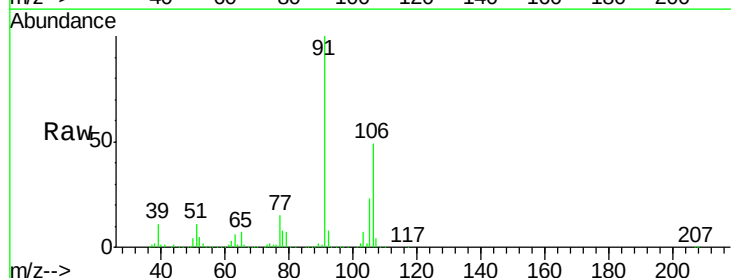
Acq: 25 Jun 2020 12:39

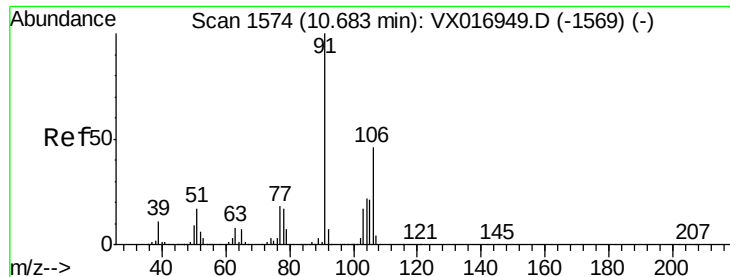
Tgt Ion: 106 Resp: 43995

Ion Ratio Lower Upper

106 100

91 203.7 164.5 246.7

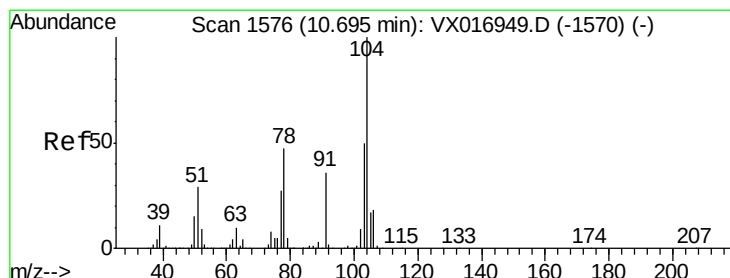
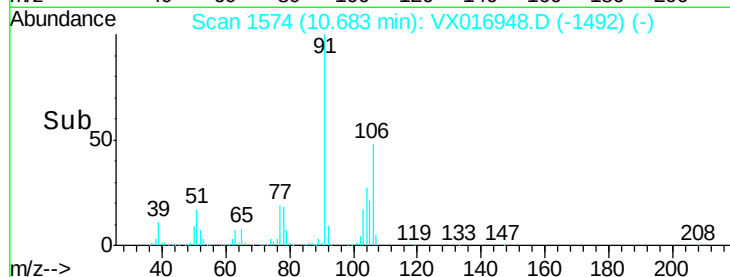
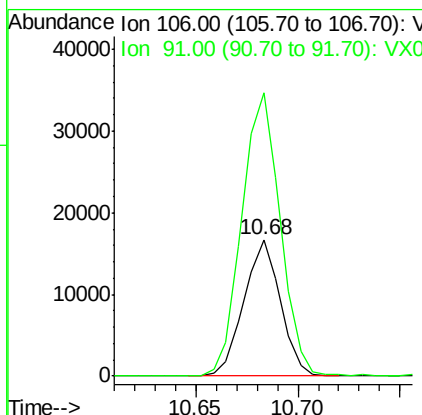
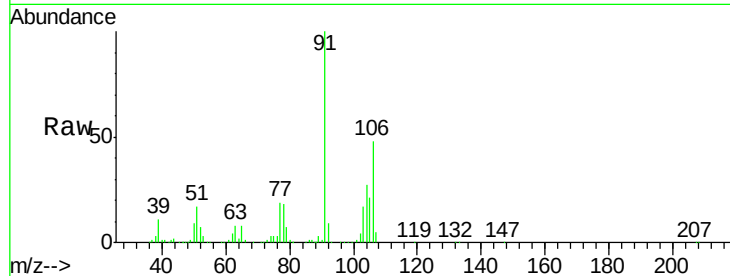




#68
o-Xylene
Concen: 4.829 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

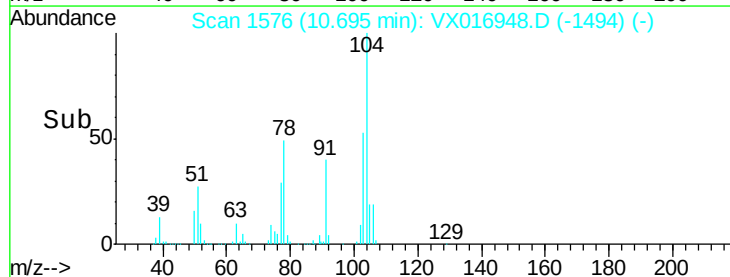
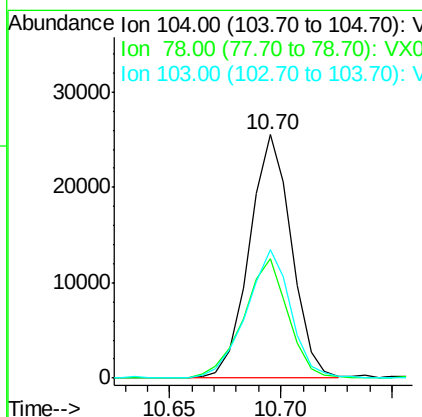
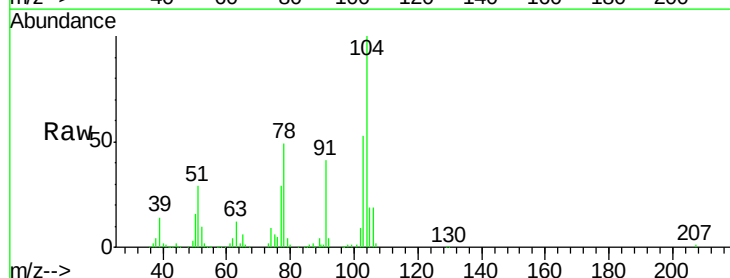
Instrument :
MSVOA_X
ClientSampleId :
BFB

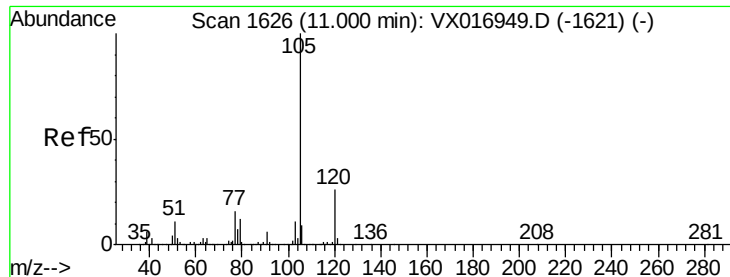
Tgt Ion:106 Resp: 20830
Ion Ratio Lower Upper
106 100
91 215.8 107.3 321.9



#69
Styrene
Concen: 4.549 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

Tgt Ion:104 Resp: 33601
Ion Ratio Lower Upper
104 100
78 51.9 42.6 64.0
103 55.7 44.1 66.1





#70

Isopropylbenzene

Concen: 4.947 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampled :

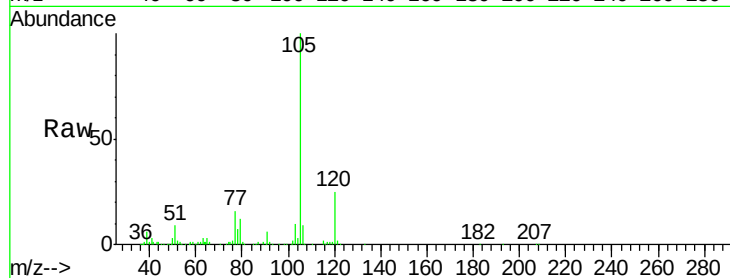
BFB

Tgt Ion:105 Resp: 57877

Ion Ratio Lower Upper

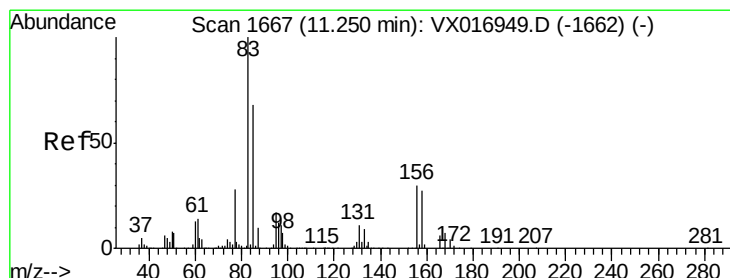
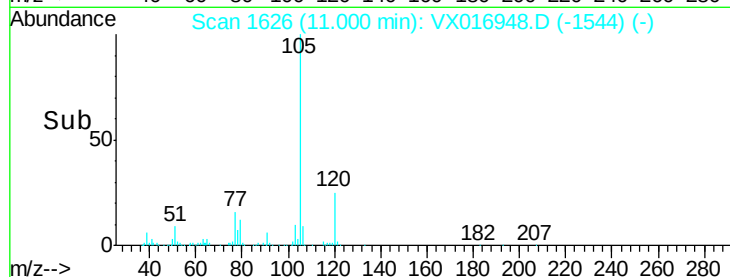
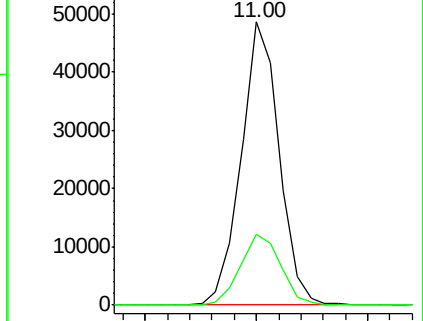
105 100

120 26.7 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#71

1,1,2,2-Tetrachloroethane

Concen: 5.035 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

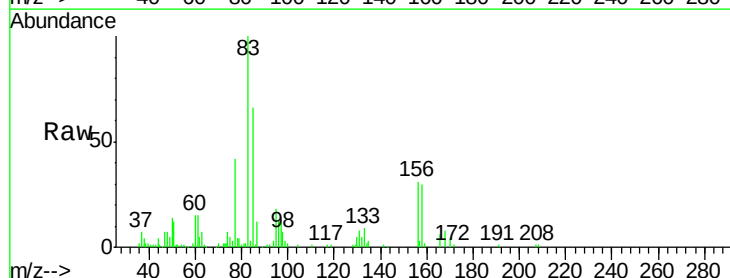
Tgt Ion: 83 Resp: 18094

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

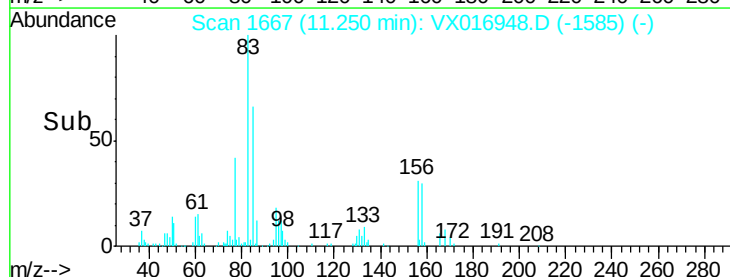
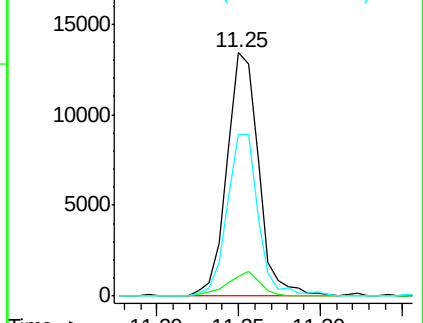
85 65.1 33.1 99.3

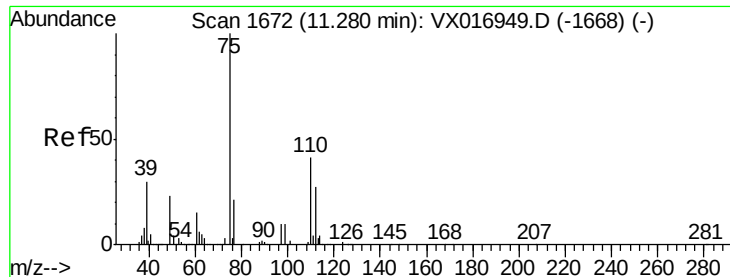


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0





#72

1,2,3-Trichloropropane

Concen: 6.447 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

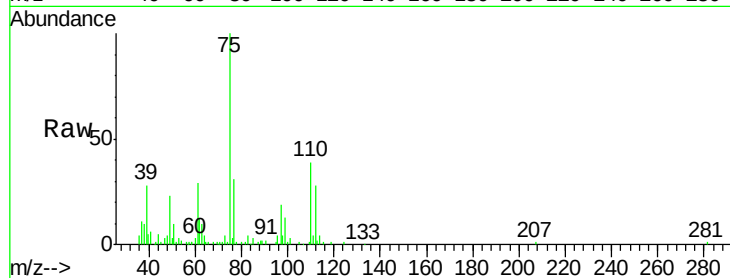
BFB

Tgt Ion: 75 Resp: 22248

Ion Ratio Lower Upper

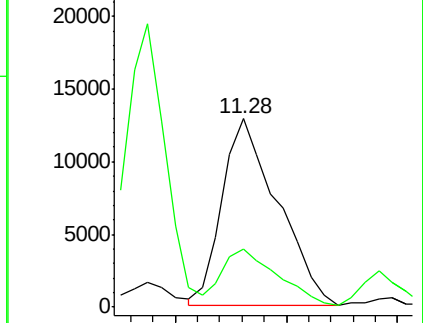
75 100

77 31.4 0.0 77.2

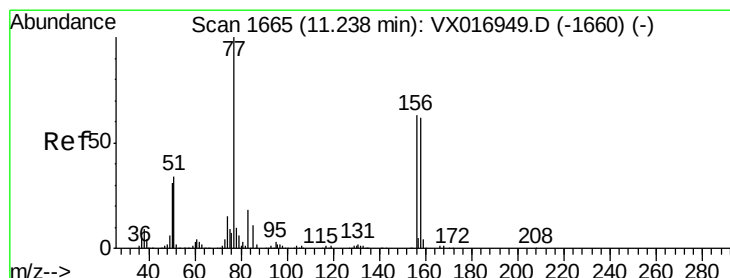
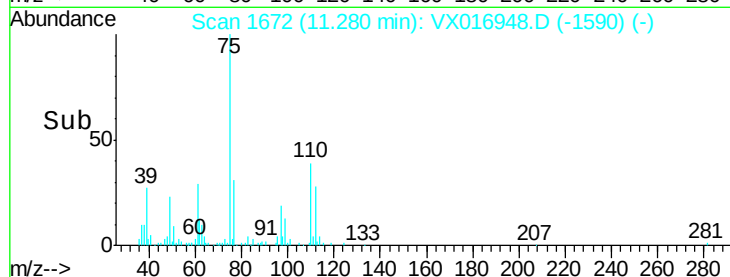


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#73

Bromobenzene

Concen: 4.896 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

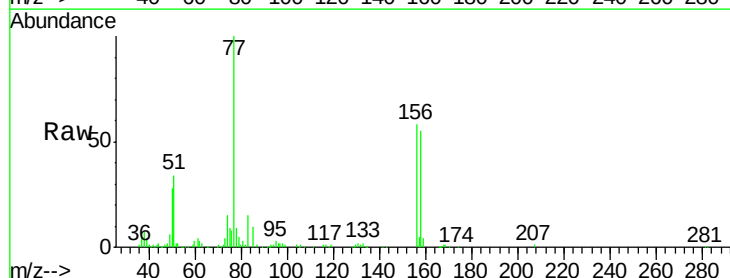
Tgt Ion: 156 Resp: 14458

Ion Ratio Lower Upper

156 100

77 169.9 0.0 317.2

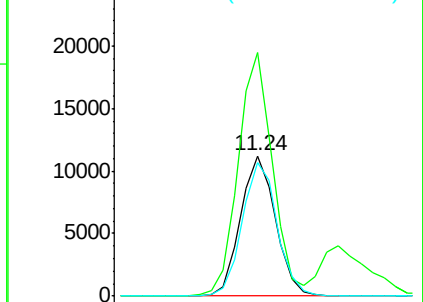
158 94.8 0.0 188.4



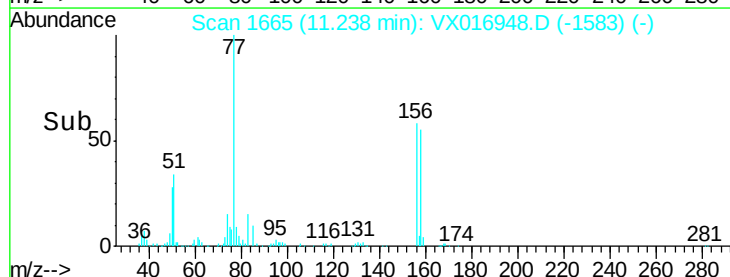
Abundance Ion 156.00 (155.70 to 156.70): V

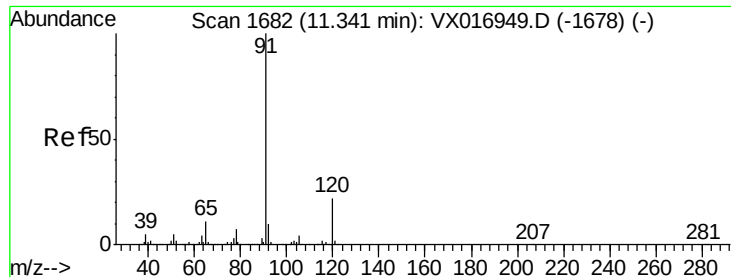
Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



Time-->

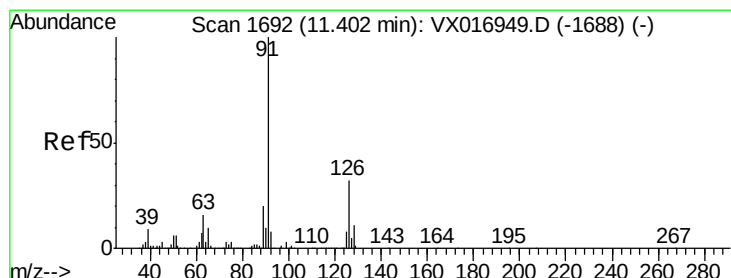
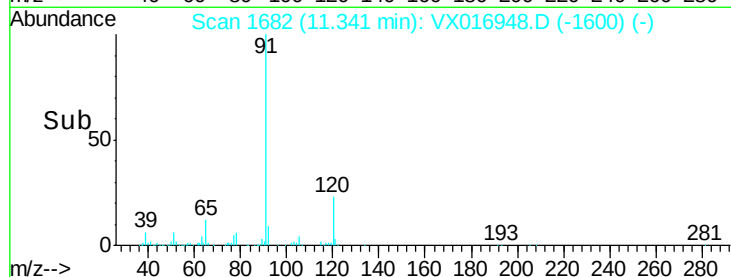
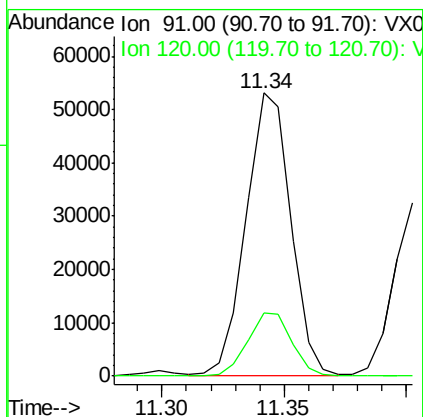
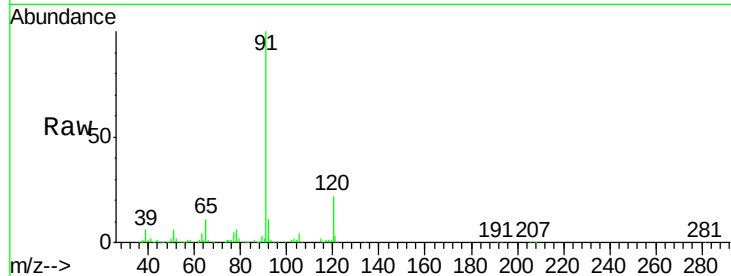




#74
n-propylbenzene
Concen: 4.852 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

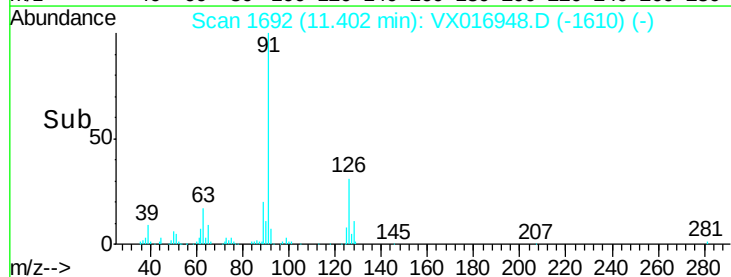
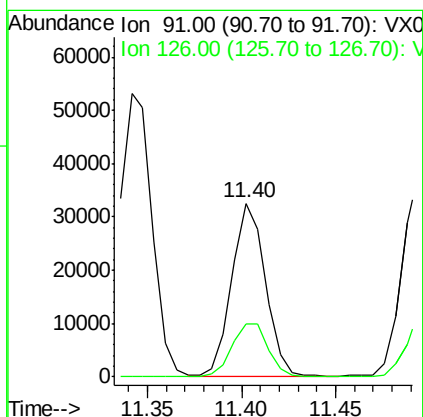
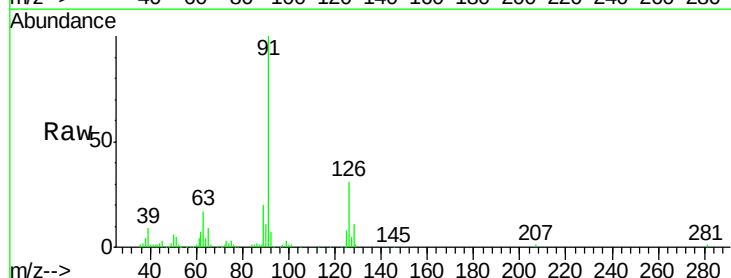
Instrument :
MSVOA_X
ClientSampleId :
BFB

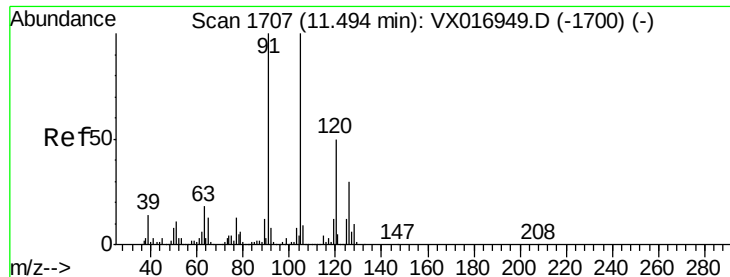
Tgt Ion: 91 Resp: 67403
Ion Ratio Lower Upper
91 100
120 22.3 0.0 45.6



#75
2-Chlorotoluene
Concen: 5.000 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

Tgt Ion: 91 Resp: 40508
Ion Ratio Lower Upper
91 100
126 32.9 0.0 68.0





#76

1,3,5-Trimethylbenzene

Concen: 4.749 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

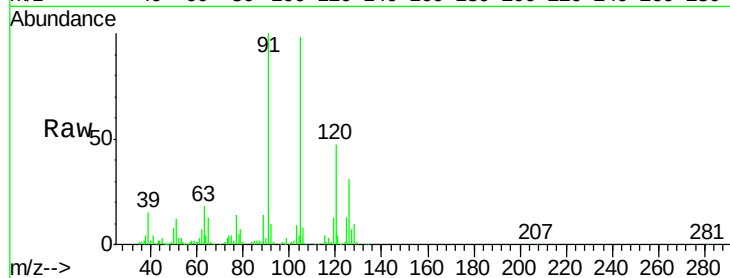
BFB

Tgt Ion:105 Resp: 46645

Ion Ratio Lower Upper

105 100

120 49.3 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.49

40000

30000

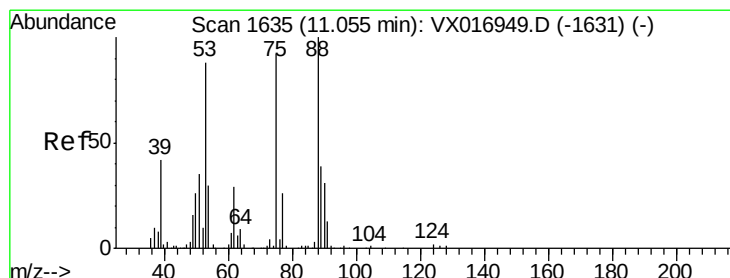
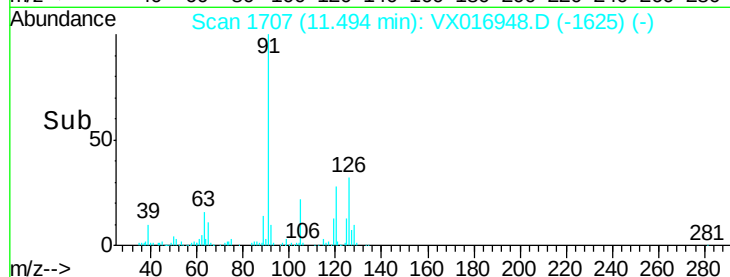
20000

10000

0

11.45 11.50 11.55

Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 4.879 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

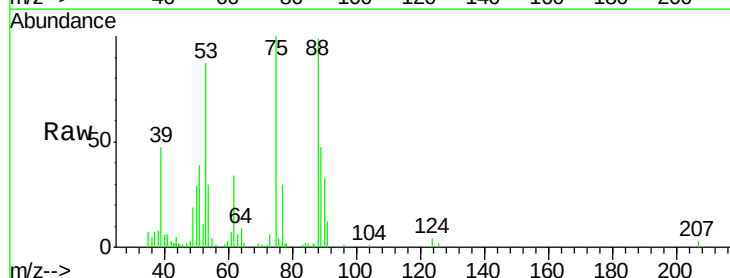
Tgt Ion: 75 Resp: 6823

Ion Ratio Lower Upper

75 100

53 85.4 47.6 142.9

89 45.1 21.1 63.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

50000

40000

30000

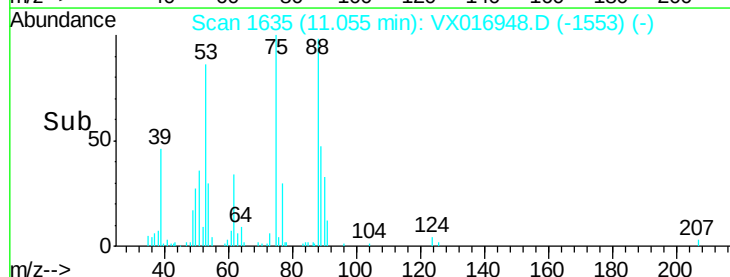
20000

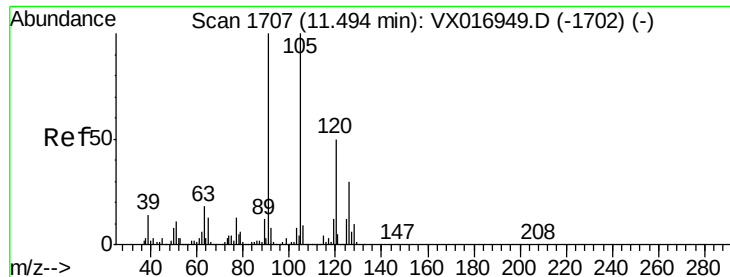
10000

0

11.00 11.05 11.10

Time-->

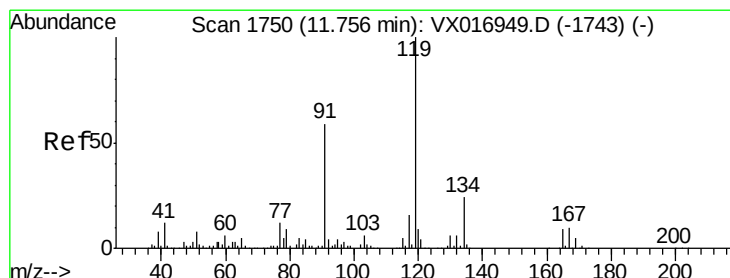
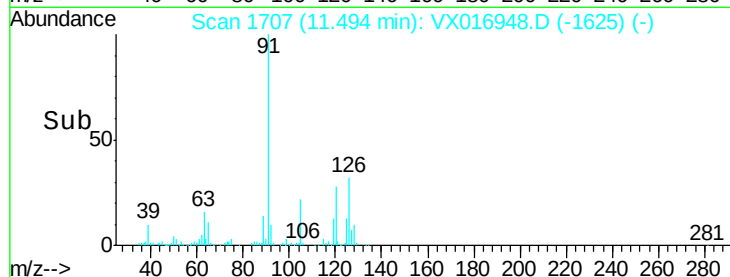
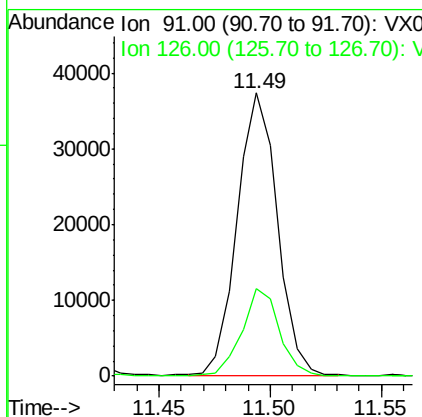
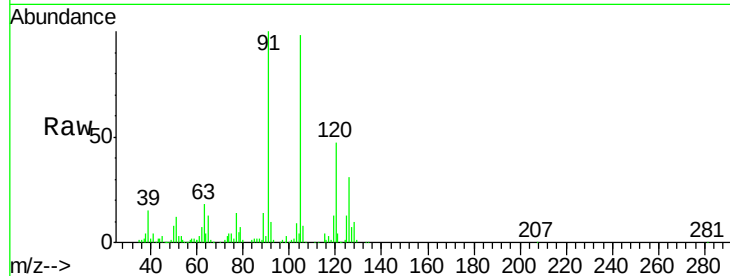




#78
4-Chlorotoluene
Concen: 4.888 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

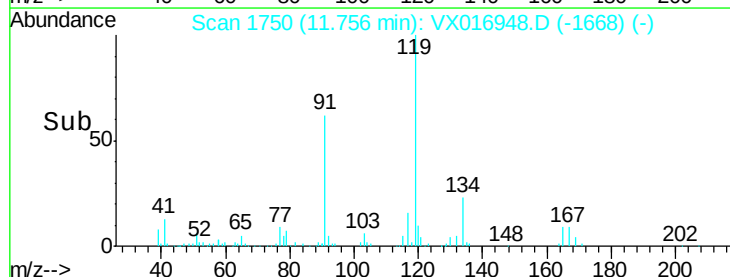
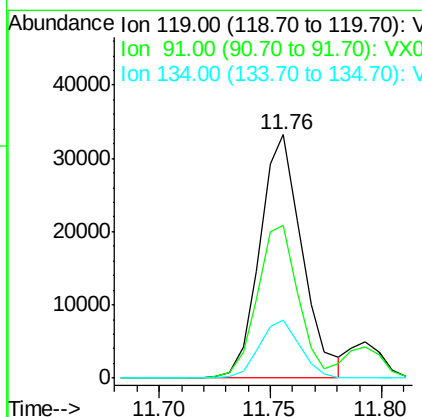
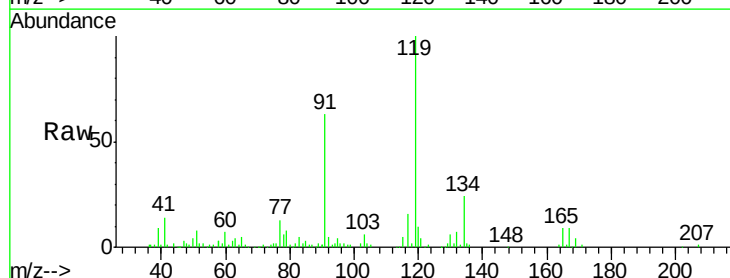
Instrument :
MSVOA_X
ClientSampleId :
BFB

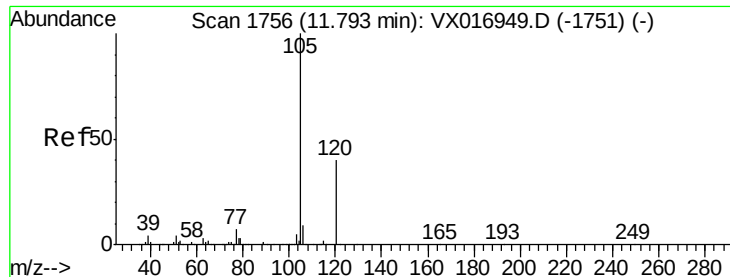
Tgt Ion: 91 Resp: 46886
Ion Ratio Lower Upper
91 100
126 28.9 0.0 60.6



#79
tert-butylbenzene
Concen: 4.675 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

Tgt Ion: 119 Resp: 43984
Ion Ratio Lower Upper
119 100
91 60.5 0.0 115.2
134 22.9 0.0 45.8

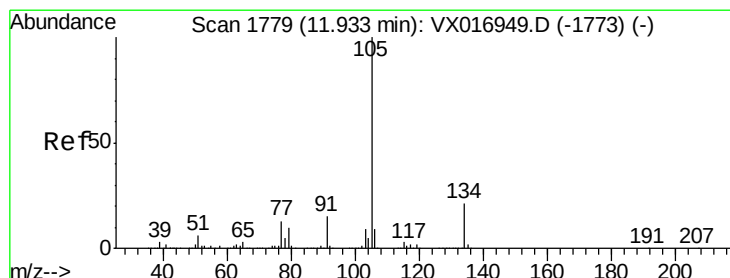
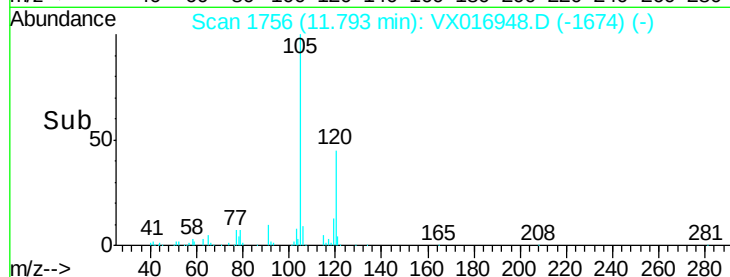
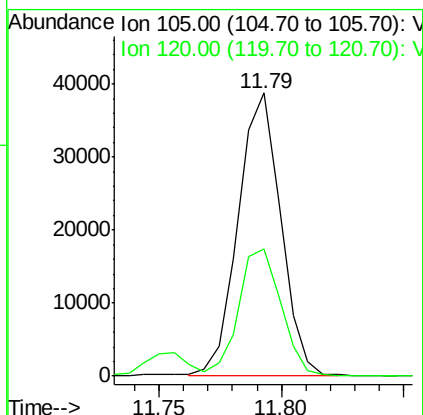
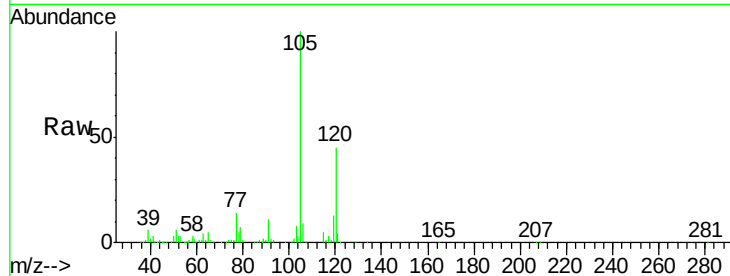




#80
 1,2,4-Trimethylbenzene
 Concen: 4.779 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016948.D
 Acq: 25 Jun 2020 12:39

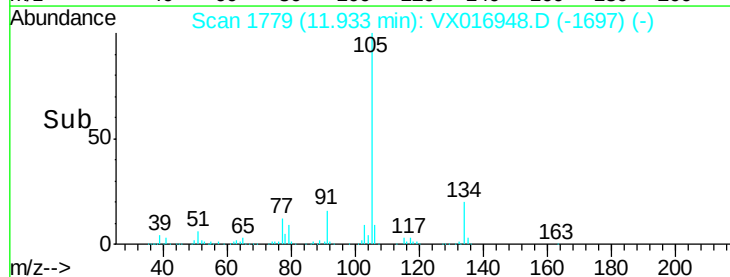
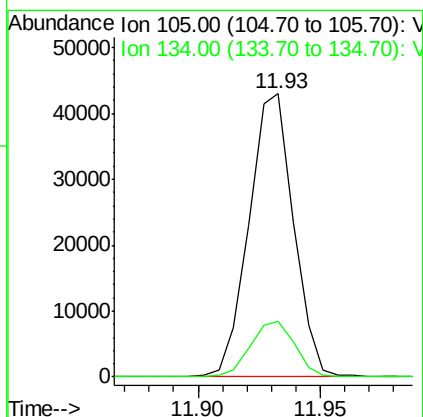
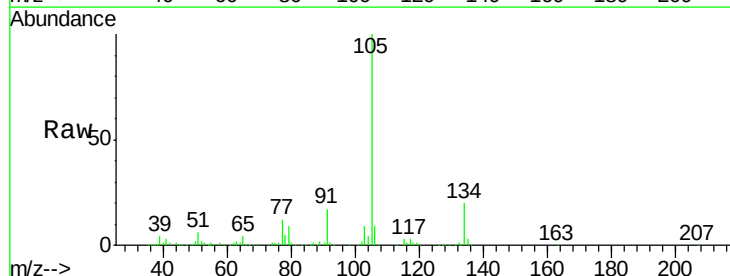
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

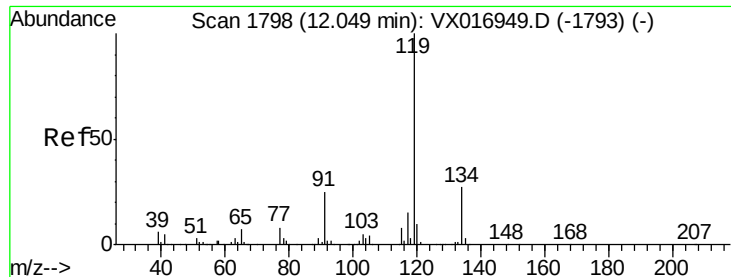
Tgt Ion:105 Resp: 47118
 Ion Ratio Lower Upper
 105 100
 120 44.8 0.0 89.8



#81
 sec-Butylbenzene
 Concen: 4.785 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016948.D
 Acq: 25 Jun 2020 12:39

Tgt Ion:105 Resp: 54505
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 41.2

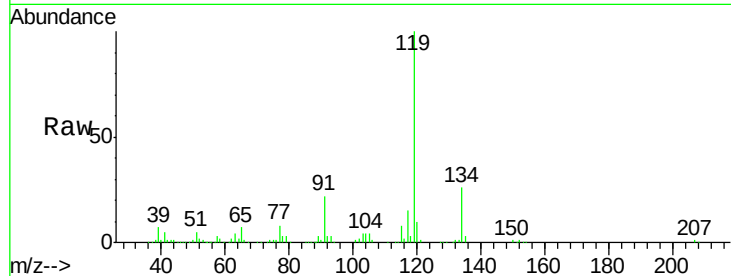




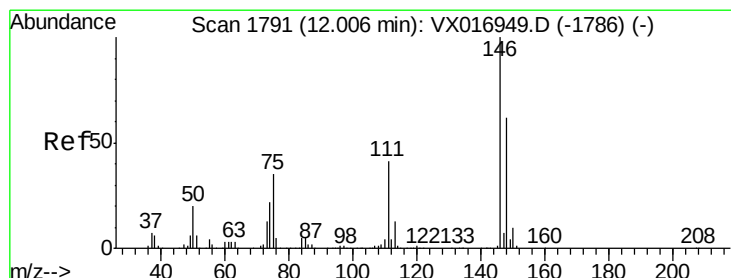
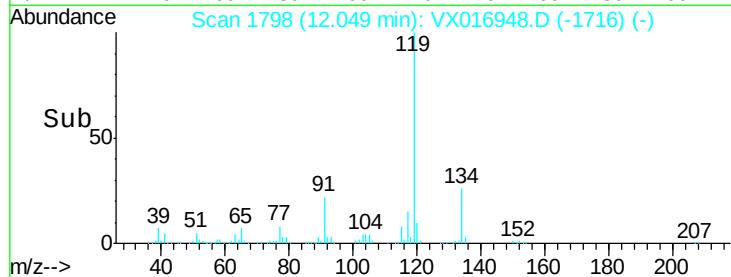
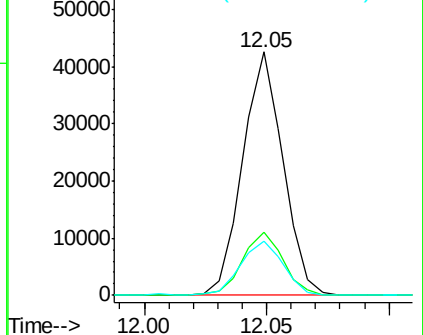
#82
p-Isopropyltoluene
Concen: 4.757 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:119 Resp: 48926
Ion Ratio Lower Upper
119 100
134 26.2 0.0 53.0
91 23.6 0.0 49.0

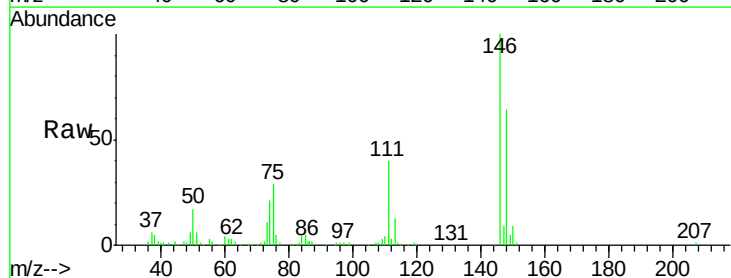


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

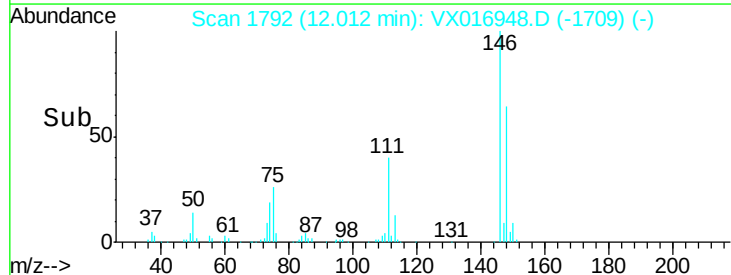
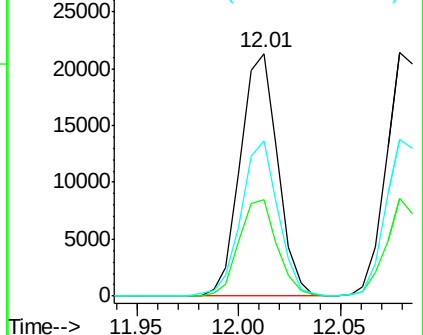


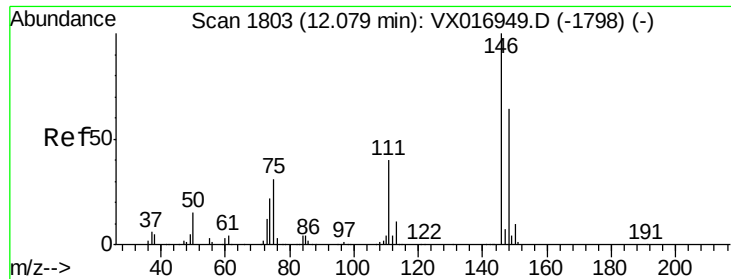
#83
1,3-Dichlorobenzene
Concen: 5.140 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX016948.D
Acq: 25 Jun 2020 12:39

Tgt Ion:146 Resp: 27199
Ion Ratio Lower Upper
146 100
111 40.5 19.5 58.5
148 63.6 31.8 95.4



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

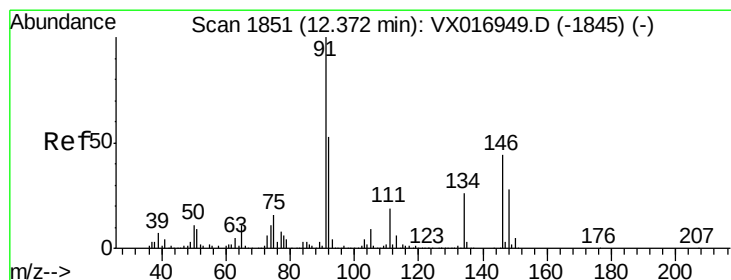
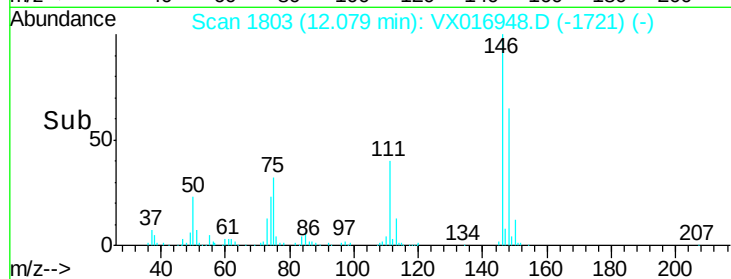
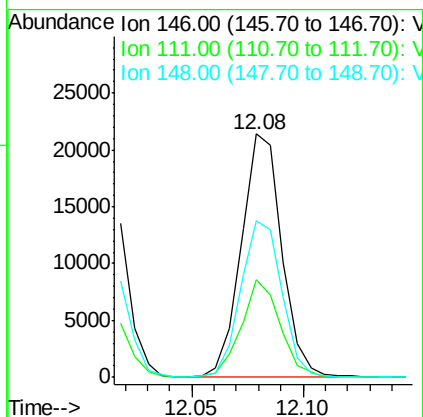
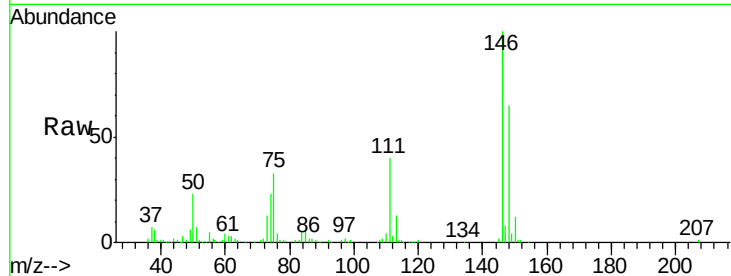




#84
 1,4-Dichlorobenzene
 Concen: 5.122 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016948.D
 Acq: 25 Jun 2020 12:39

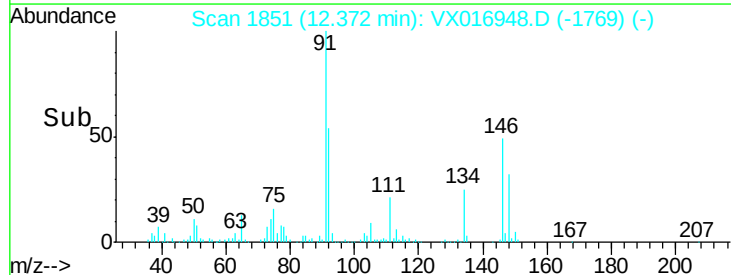
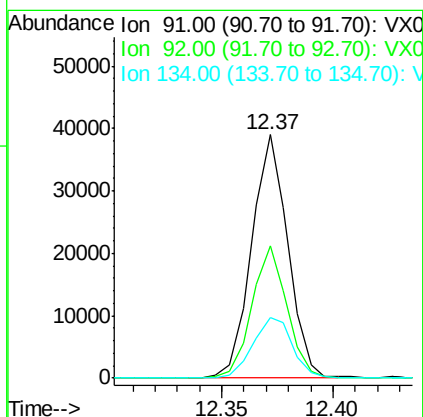
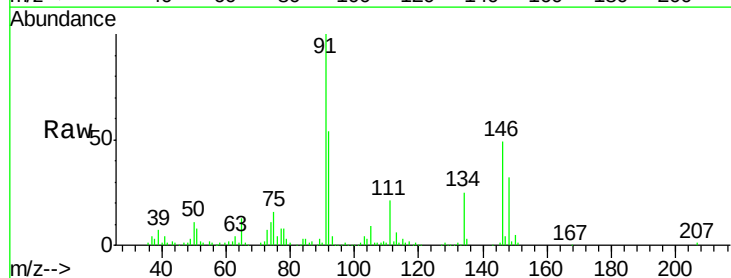
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

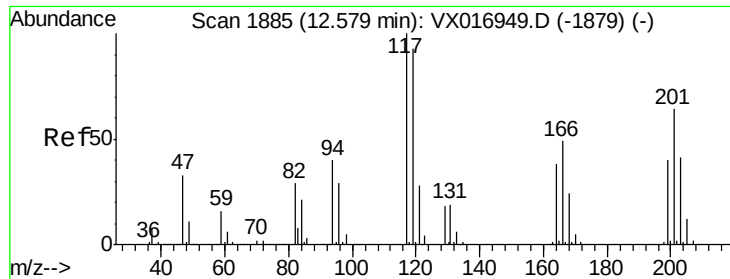
Tgt Ion:146 Resp: 27233
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.2
 148 65.2 32.1 96.3



#85
 n-Butylbenzene
 Concen: 4.654 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX016948.D
 Acq: 25 Jun 2020 12:39

Tgt Ion: 91 Resp: 44309
 Ion Ratio Lower Upper
 91 100
 92 52.5 0.0 105.8
 134 26.9 0.0 52.2





#86

Hexachloroethane

Concen: 4.705 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampled :

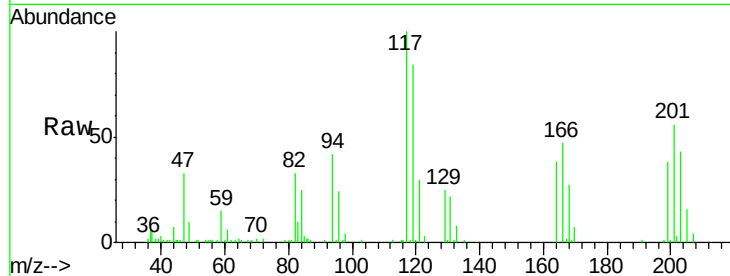
BFB

Tgt Ion:117 Resp: 9470

Ion Ratio Lower Upper

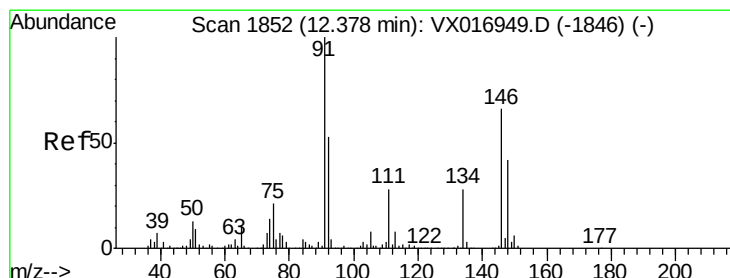
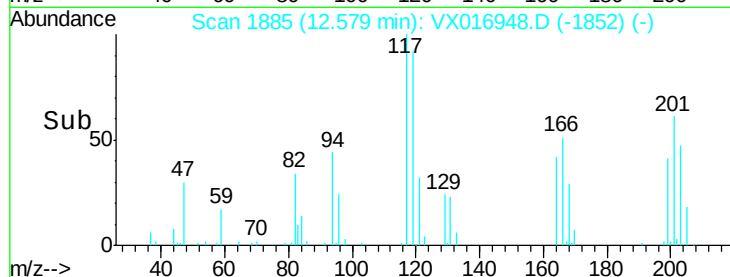
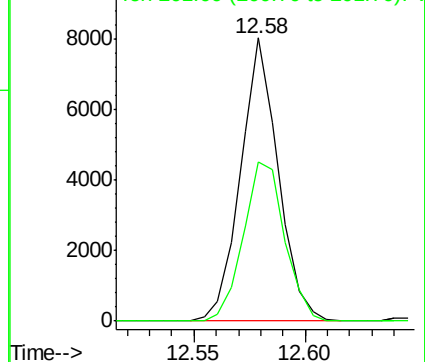
117 100

201 61.7 34.6 103.9



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



#87

1,2-Dichlorobenzene

Concen: 5.035 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

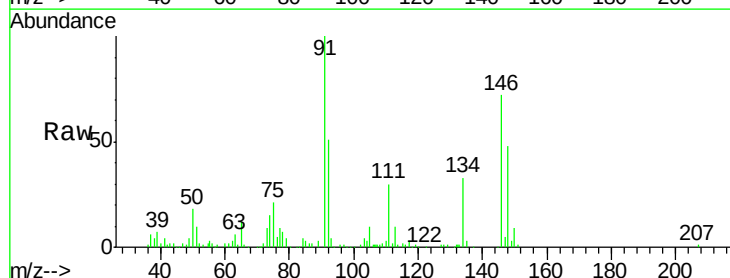
Tgt Ion:146 Resp: 24939

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.1

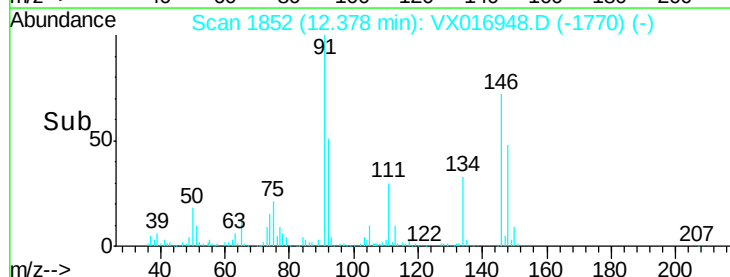
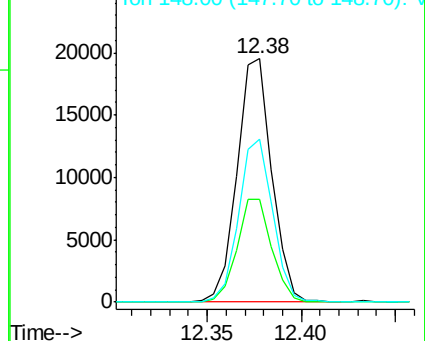
148 65.4 32.1 96.3

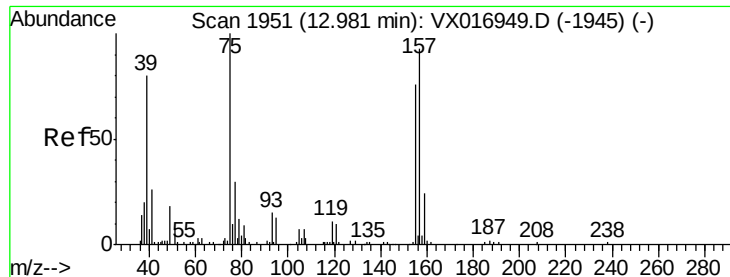


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#88

1,2-Dibromo-3-Chloropropane

Concen: 4.763 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

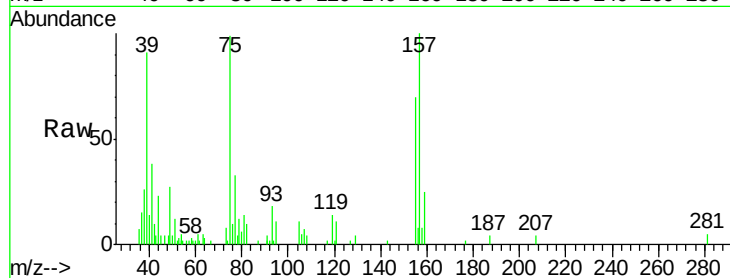
Tgt Ion: 75 Resp: 3894

Ion Ratio Lower Upper

75 100

155 77.8 65.0 97.6

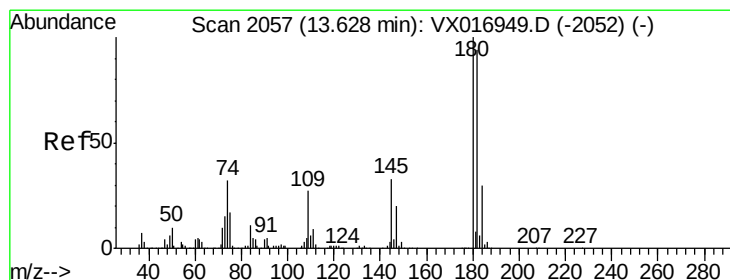
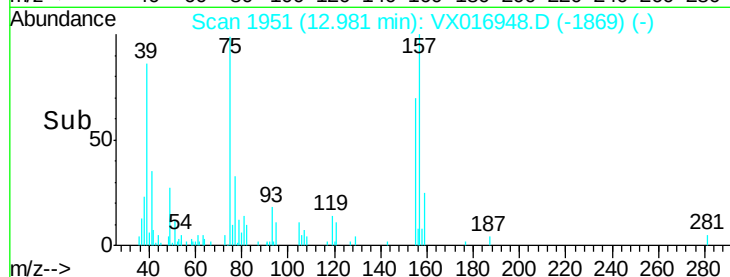
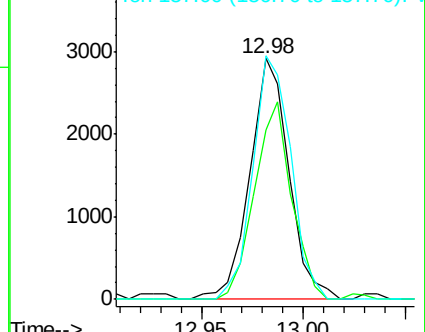
157 98.5 83.0 124.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



#89

1,2,4-Trichlorobenzene

Concen: 4.949 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

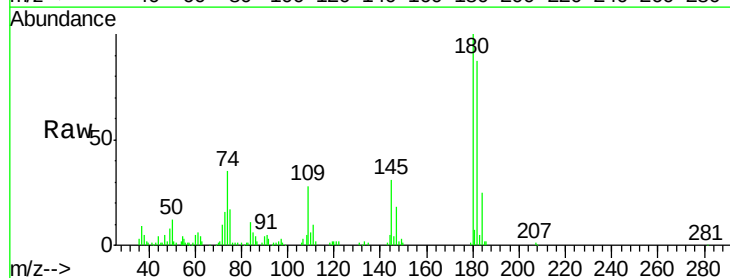
Tgt Ion: 180 Resp: 16537

Ion Ratio Lower Upper

180 100

182 93.2 77.7 116.5

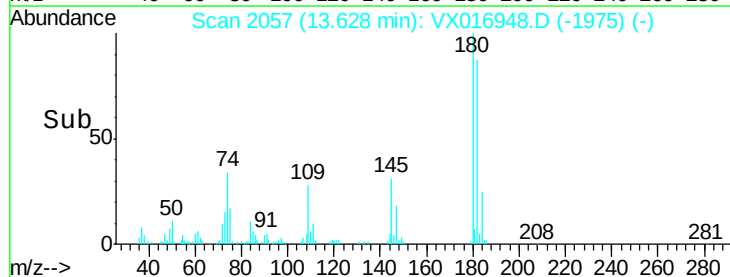
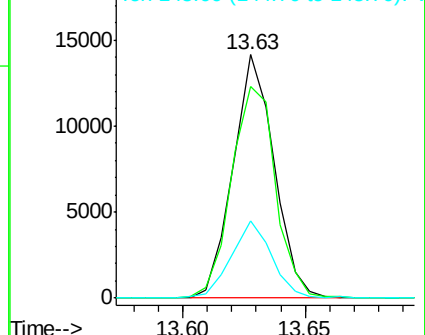
145 31.6 26.2 39.2

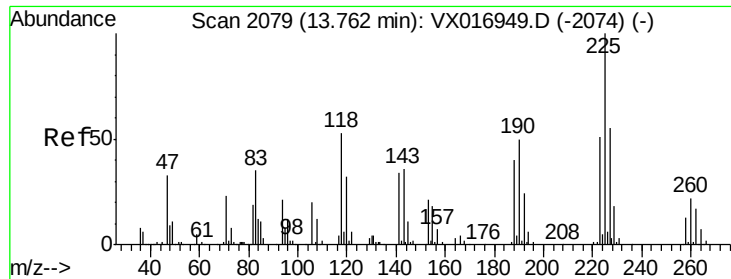


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#90

Hexachlorobutadiene

Concen: 5.500 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

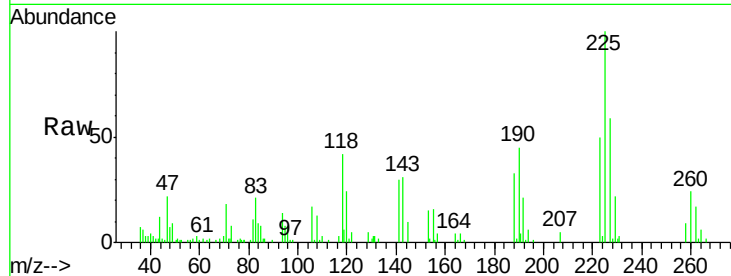
Tgt Ion:225 Resp: 6991

Ion Ratio Lower Upper

225 100

223 57.5 0.0 125.0

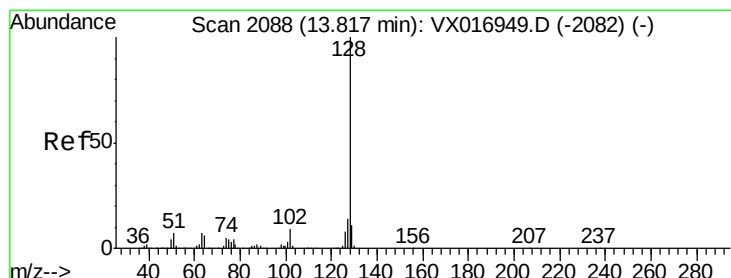
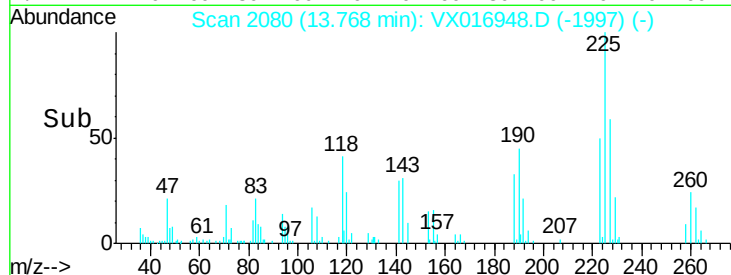
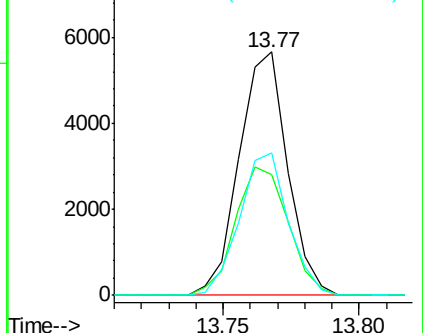
227 59.1 0.0 124.0



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 4.554 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016948.D

Acq: 25 Jun 2020 12:39

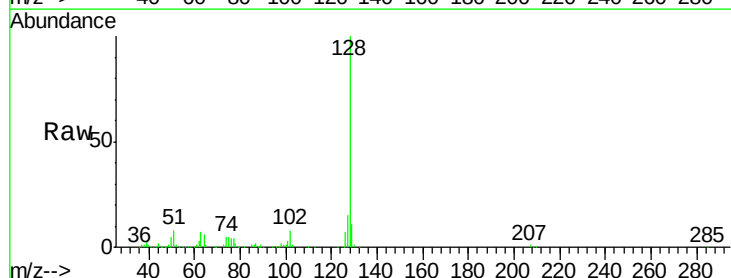
Tgt Ion:128 Resp: 49878

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

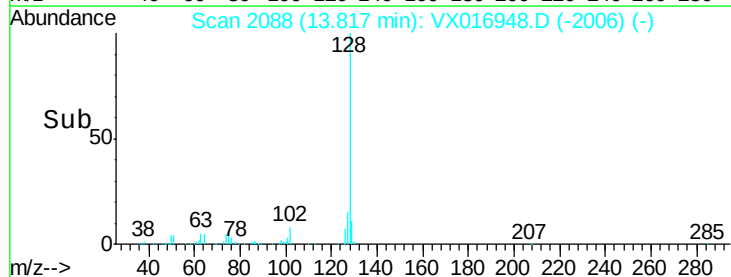
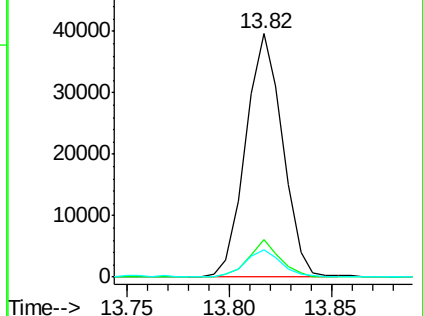
129 11.0 9.0 13.4

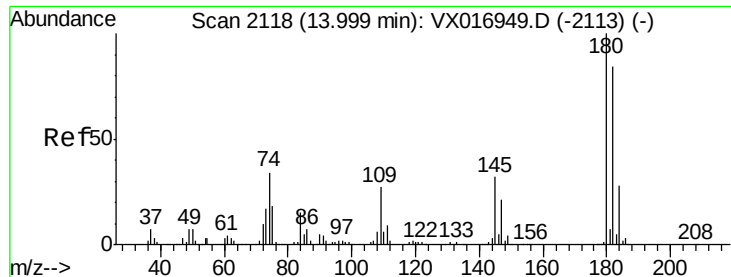


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#92
 1,2,3-Trichlorobenzene
 Concen: 5.092 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX016948.D
 Acq: 25 Jun 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion:	180	Resp:	16607
Ion Ratio	Lower	Upper	
180	100		
182	89.4	0.0	184.8
145	33.2	0.0	68.0

