

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102320\NOT REVIEWED DATA\
 Data File : VX019068.D
 Acq On : 23 Oct 2020 09:53
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB

Quant Time: Oct 23 19:19:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 14:24:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	49734	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	287295	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.09	117	261298	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	103861	31.35	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.50%
60) 4-Bromofluorobenzene	11.12	95	114047	29.08	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.93%
63) Toluene-d8	8.70	98	347862	30.15	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	12006	4.804	ug/l 98
3) Chloromethane	1.31	50	11409	5.052	ug/l 98
4) Vinyl Chloride	1.39	62	14335	4.843	ug/l 98
5) Bromomethane	1.63	94	11183	4.914	ug/l 96
6) Chloroethane	1.72	64	9696	4.834	ug/l 97
7) Trichlorofluoromethane	1.92	101	25248	4.899	ug/l 99
8) Diethyl Ether	2.17	74	8852	4.582	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	11887	4.827	ug/l 98
10) 1,1-Dichloroethene	2.36	96	11822	4.722	ug/l 92
11) Methyl Iodide	2.49	142	6191	9.224	ug/l 94
12) Methyl Acetate	2.75	43	11095	4.477	ug/l 99
13) Acrolein	2.28	56	6388	27.992	ug/l 99
14) Acrylonitrile	3.11	53	27030	23.215	ug/l 99
15) Acetone	2.42	58	7842	23.511	ug/l 95
16) Carbon Disulfide	2.55	76	33376	4.796	ug/l 99
17) Allyl chloride	2.71	41	14442	4.618	ug/l 99
18) Methylene Chloride	2.83	84	13625	4.772	ug/l 94
19) trans-1,2-Dichloroethene	3.14	96	13698	4.685	ug/l 99
20) Diisopropyl ether	3.82	45	30146	4.758	ug/l 89
21) 1,1-Dichloroethane	3.67	63	21991	4.728	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	16180	4.777	ug/l 99
23) tert-Butyl Alcohol	3.06	59	213	0.377	ug/l # 100
24) Methyl tert-Butyl Ether	3.16	73	36875	4.658	ug/l 96
25) Chloroform	5.17	83	24086	4.673	ug/l 96
26) Cyclohexane	5.54	56	17708	4.899	ug/l # 94
29) 1,1-Dichloropropene	5.76	75	18743	4.625	ug/l 98
30) 2-Butanone	4.64	43	35139	21.763	ug/l 99
31) 2,2-Dichloropropane	4.54	77	21565	4.650	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	22066	4.530	ug/l 99
33) Carbon Tetrachloride	5.75	117	18554	4.389	ug/l 98
34) Benzene	6.11	78	54645	4.582	ug/l 98
35) Methacrylonitrile	4.99	41	7349	4.204	ug/l 98
36) 1,2-Dichloroethane	6.16	62	19323	4.724	ug/l 100
37) Trichloroethene	7.18	130	15597	4.550	ug/l 97
38) Methylcyclohexane	7.43	83	21101	4.645	ug/l 98
39) 1,2-Dichloropropane	7.49	63	12481	4.509	ug/l 98
40) Dibromomethane	7.63	93	9734	4.531	ug/l 99

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB

Quant Time: Oct 23 19:19:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 14:24:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	18464	4.347	ug/l	97
42) Vinyl Acetate	3.78	43	138906	22.110	ug/l	100
43) Ethyl Acetate	4.79	43	15773	4.657	ug/l	98
44) Isopropyl Acetate	6.40	43	25651	4.522	ug/l	98
45) 1,4-Dioxane	7.73	88	4963	83.247	ug/l #	91
46) Methyl methacrylate	7.74	41	11591	4.318	ug/l	96
47) n-amyl Acetate	10.88	43	18812	4.135	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	20714	4.356	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	22261	4.399	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	13801	4.435	ug/l	99
51) Ethyl methacrylate	9.16	69	19443	4.282	ug/l	96
52) 1,3-Dichloropropane	9.35	76	23465	4.629	ug/l	100
53) Dibromochloromethane	9.56	129	14353	4.144	ug/l	100
54) 1,2-Dibromoethane	9.65	107	15467	4.574	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	42301	17.433	ug/l	99
56) Bromoform	10.84	173	9235	3.813	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	71984	21.845	ug/l	99
59) 2-Hexanone	9.47	43	52912	21.548	ug/l	99
61) Tetrachloroethene	9.32	164	14953	4.824	ug/l	94
62) Toluene	8.76	91	65111	4.741	ug/l	99
64) Chlorobenzene	10.12	112	39191	4.591	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	13482	4.342	ug/l	98
66) Ethyl Benzene	10.23	91	70164	4.660	ug/l	99
67) m/p-Xylenes	10.34	106	50802	8.848	ug/l	97
68) o-Xylene	10.68	106	24321	4.441	ug/l	99
69) Styrene	10.70	104	39069	4.234	ug/l	99
70) Isopropylbenzene	11.00	105	65750	4.465	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	17957	4.224	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	20540	5.373	ug/l	85
73) Bromobenzene	11.24	156	15754	4.378	ug/l	98
74) n-propylbenzene	11.34	91	74310	4.457	ug/l	100
75) 2-Chlorotoluene	11.40	91	42577	4.515	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	52135	4.363	ug/l	98
77) t-1,4-Dichloro-2-butene	11.05	75	5927	3.904	ug/l	95
78) 4-Chlorotoluene	11.49	91	49163	4.436	ug/l	99
79) tert-butylbenzene	11.76	119	50739	4.312	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	52443	4.415	ug/l	99
81) sec-Butylbenzene	11.93	105	60544	4.349	ug/l	100
82) p-Isopropyltoluene	12.05	119	55300	4.310	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	28262	4.394	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	28115	4.305	ug/l	97
85) n-Butylbenzene	12.37	91	48787	4.247	ug/l	99
86) Hexachloroethane	12.58	117	7552	3.832	ug/l	99
87) 1,2-Dichlorobenzene	12.37	146	26513	4.306	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	3698	3.844	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	17996	4.061	ug/l	97
90) Hexachlorobutadiene	13.76	225	7903	4.206	ug/l	99
91) Naphthalene	13.82	128	57824	3.986	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	17995	4.222	ug/l	98

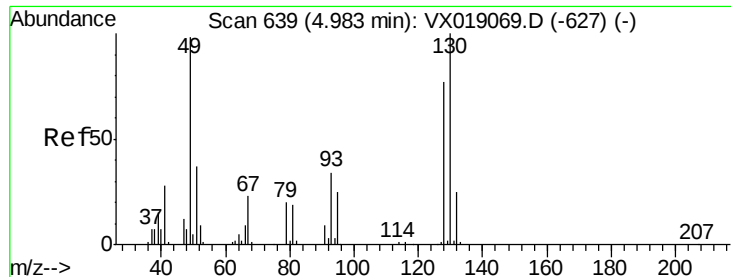
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\NOT REVIEWED DATA\
Data File : VX019068.D
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ALS Vial : 2 Sample Multiplier: 1

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MSVOA_V
ClientSampleId :
BFB

Quant Time: Oct 23 19:19:18 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 23 14:24:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = 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: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampleId :

BFB

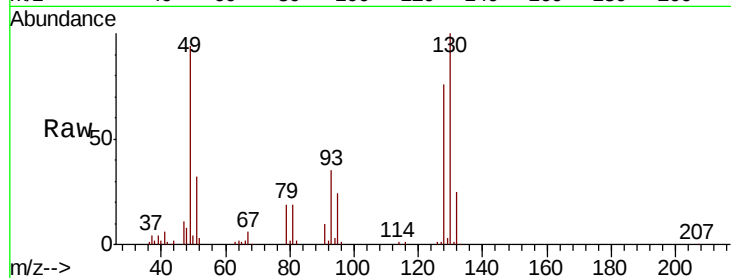
Tot Ion:128 Resp: 49734

Ion Ratio Lower Upper

128 100

49 129.2 0.0 318.8

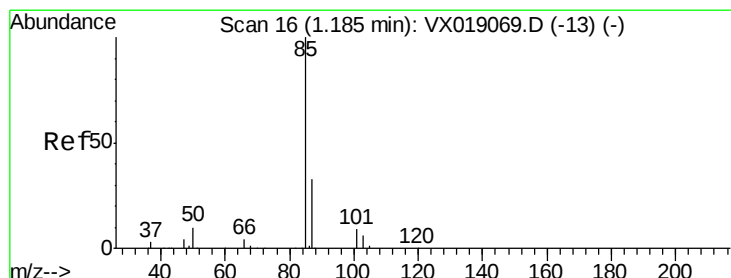
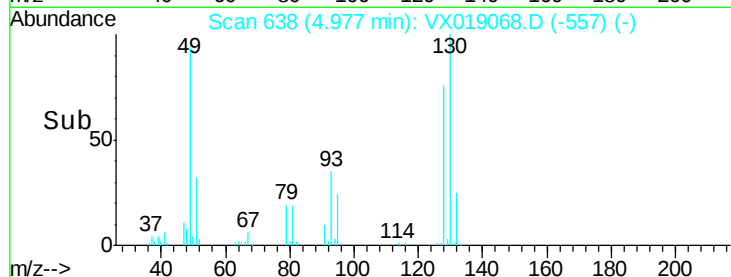
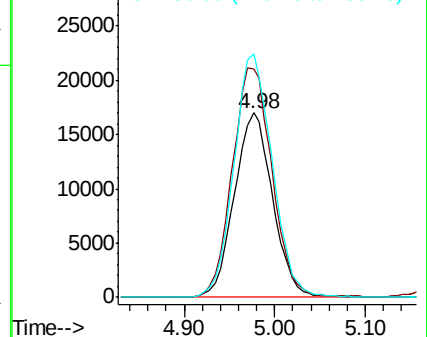
130 131.7 0.0 321.8



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: 4.804 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019068.D

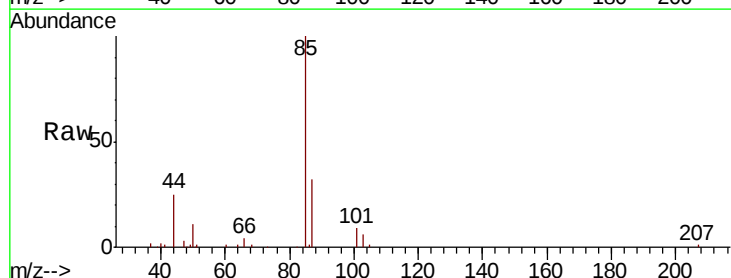
Acq: 23 Oct 2020 09:53

Tgt Ion: 85 Resp: 12006

Ion Ratio Lower Upper

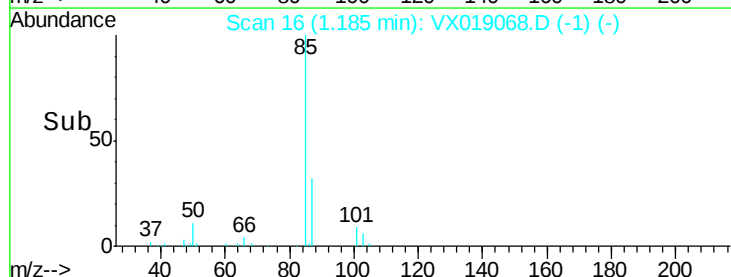
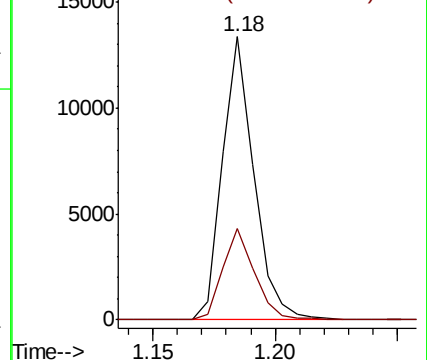
85 100

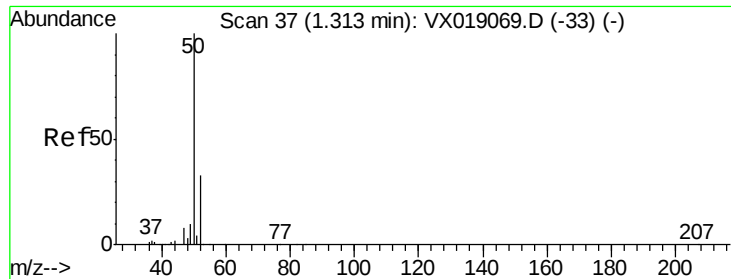
87 32.2 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 5.052 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampled :

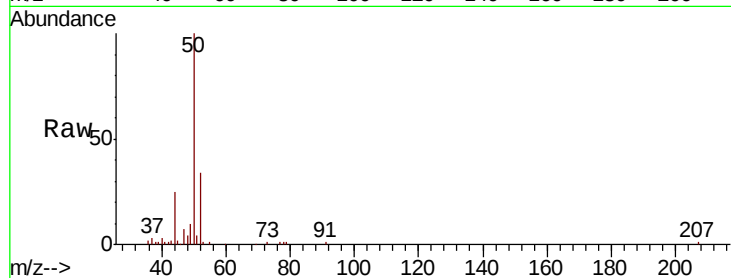
BFB

Tot Ion: 50 Resp: 11409

Ion Ratio Lower Upper

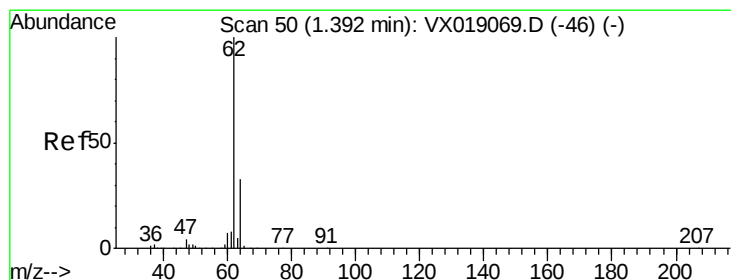
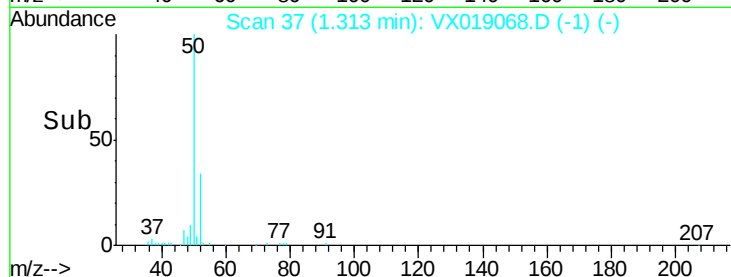
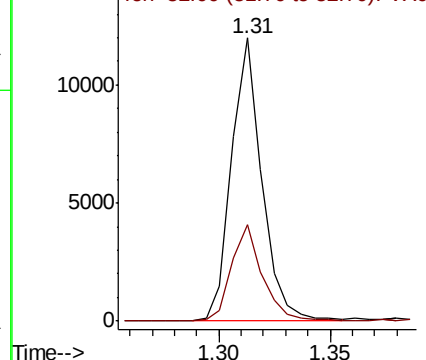
50 100

52 34.3 26.7 40.1



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 4.843 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019068.D

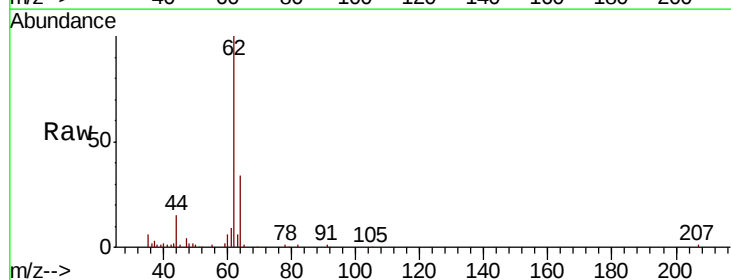
Acq: 23 Oct 2020 09:53

Tgt Ion: 62 Resp: 14335

Ion Ratio Lower Upper

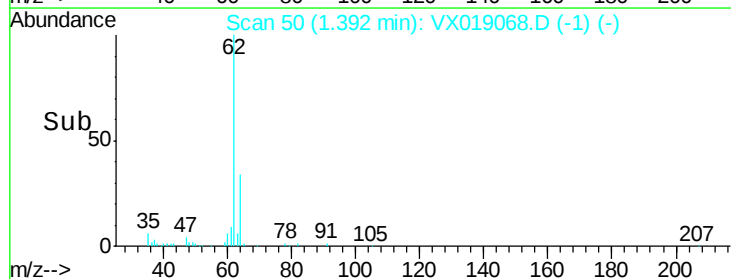
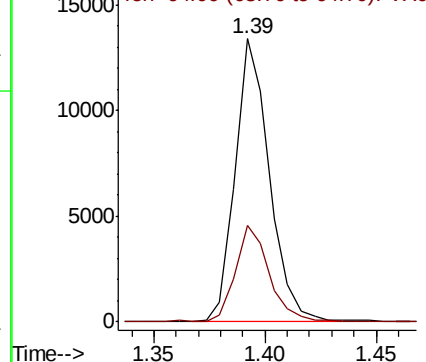
62 100

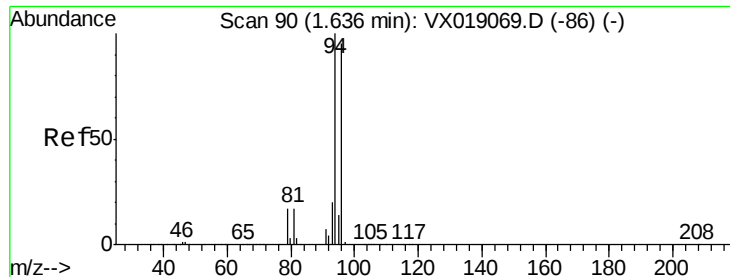
64 34.3 26.7 40.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 4.914 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampled :

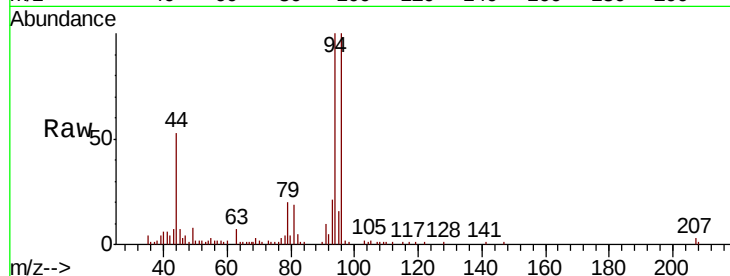
BFB

Tot Ion: 94 Resp: 11183

Ion Ratio Lower Upper

94 100

96 99.5 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

10000

8000

6000

4000

2000

0

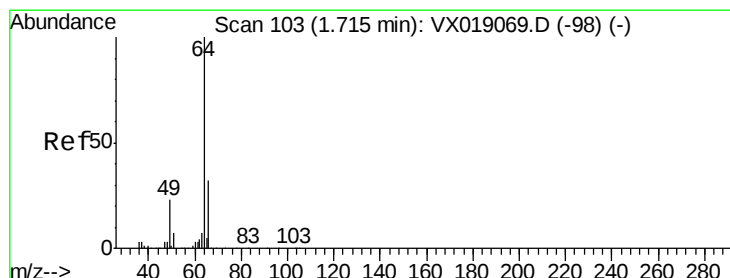
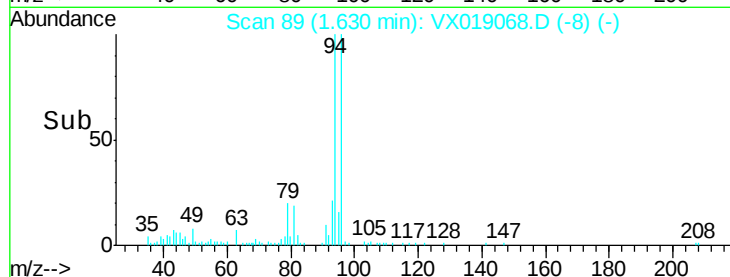
1.60

1.63

1.65

1.70

Time-->



#6

Chloroethane

Concen: 4.834 ug/l

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX019068.D

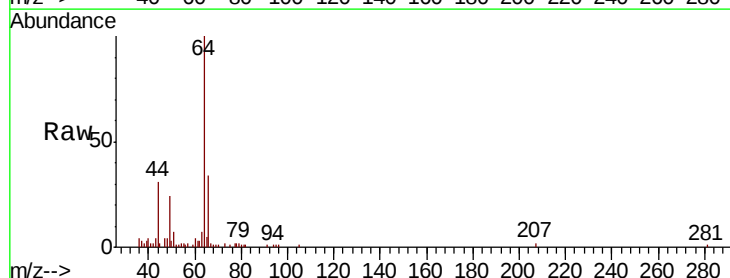
Acq: 23 Oct 2020 09:53

Tgt Ion: 64 Resp: 9696

Ion Ratio Lower Upper

64 100

66 33.8 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

8000

6000

4000

2000

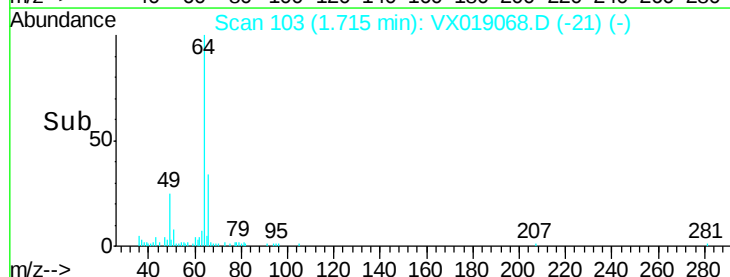
0

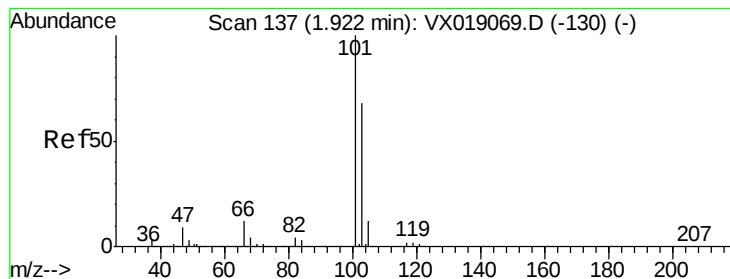
1.70

1.72

1.75

Time-->



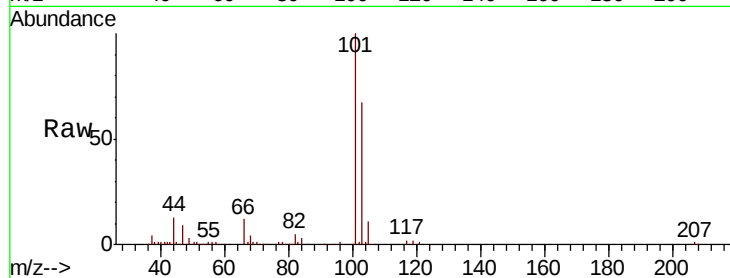


#7

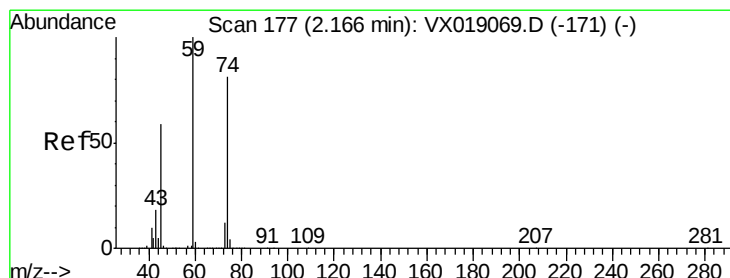
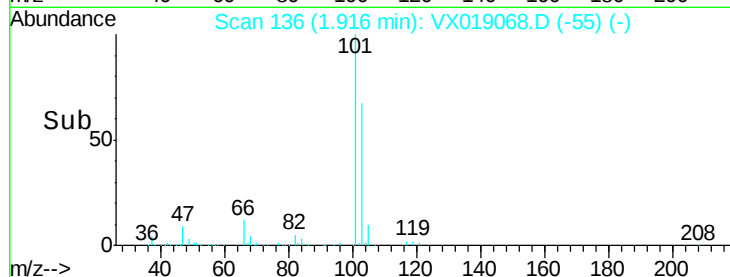
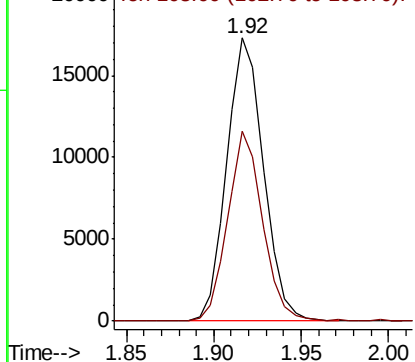
Trichlorofluoromethane
Concen: 4.899 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_V
ClientSampleId :
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Tot Ion:101 Resp: 25248
Ion Ratio Lower Upper
101 100
103 66.9 54.2 81.4



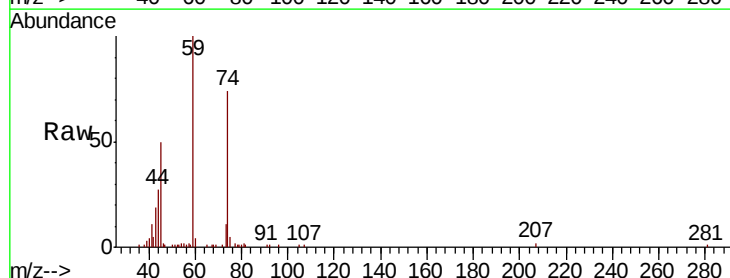
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



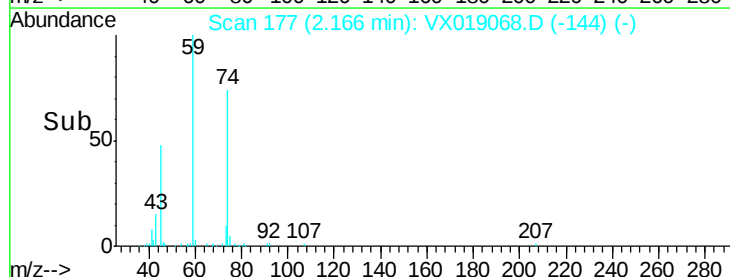
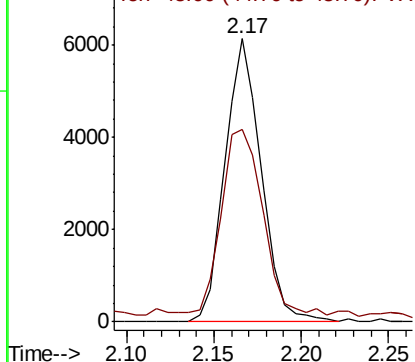
#8

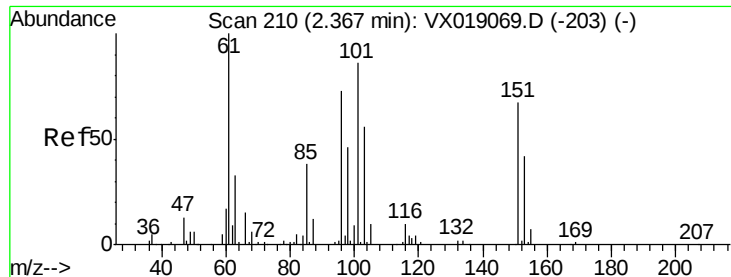
Diethyl Ether
Concen: 4.582 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion: 74 Resp: 8852
Ion Ratio Lower Upper
74 100
45 75.3 14.5 130.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.827 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampled :

BFB

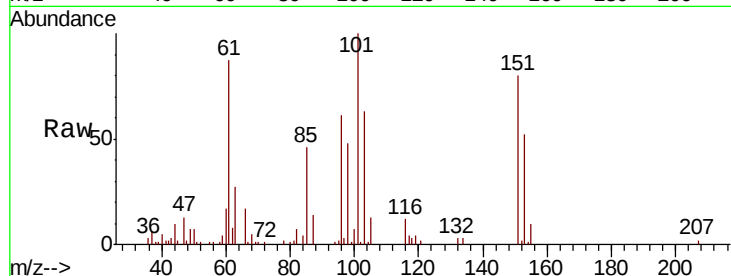
Tot Ion:101 Resp: 11887

Ion Ratio Lower Upper

101 100

85 46.9 0.0 87.0

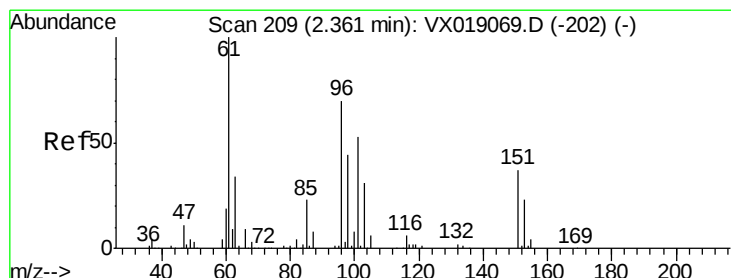
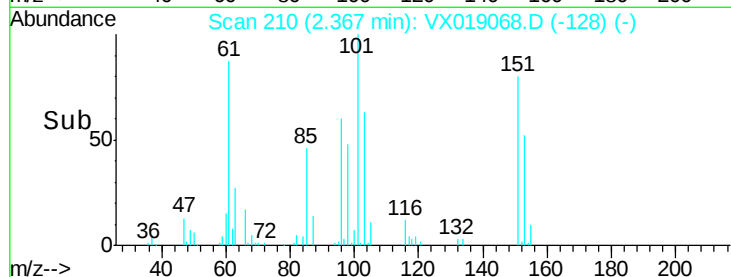
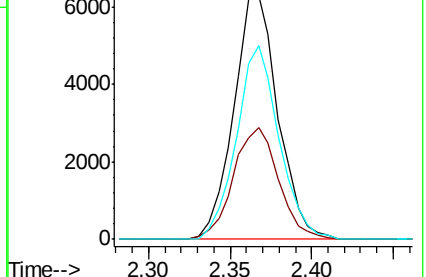
151 76.7 0.0 151.8



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: 4.722 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

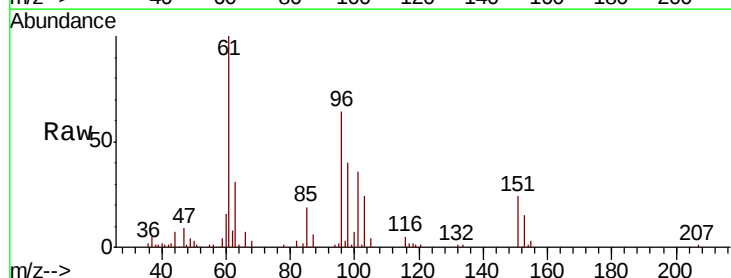
Tgt Ion: 96 Resp: 11822

Ion Ratio Lower Upper

96 100

61 155.8 113.8 170.8

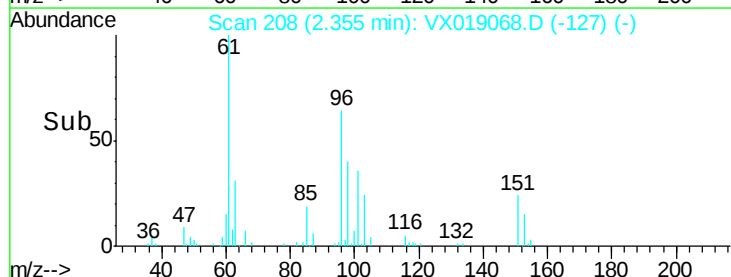
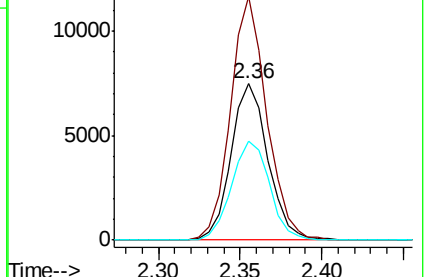
98 63.0 50.4 75.6

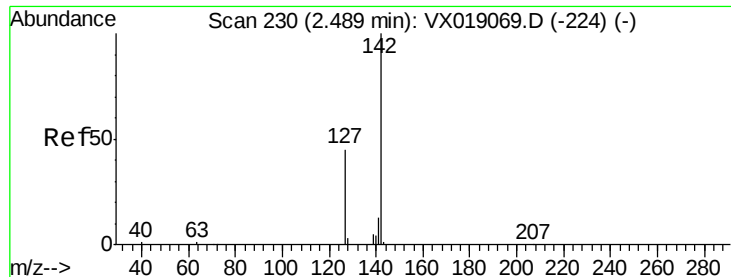


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

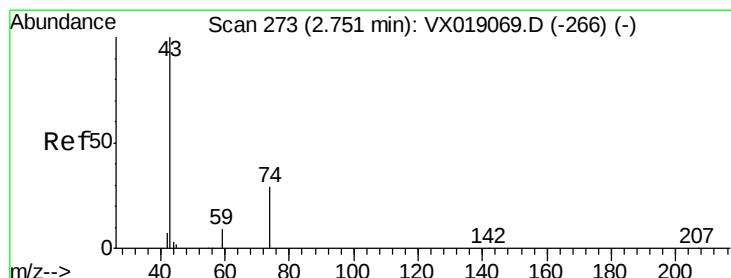
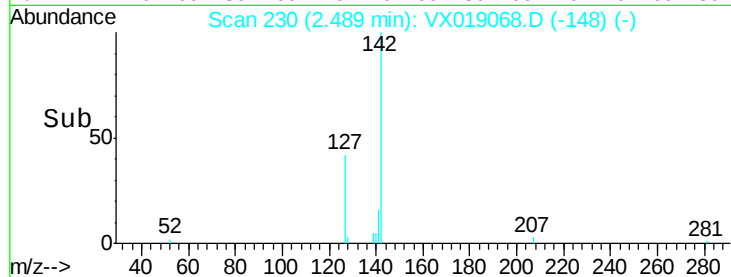
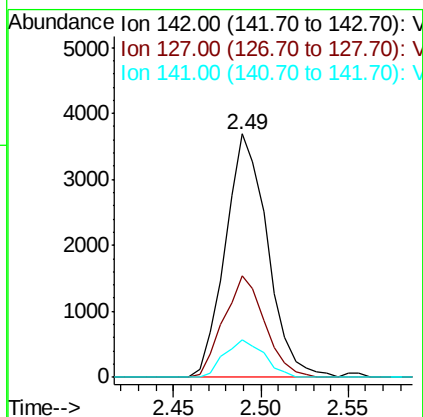
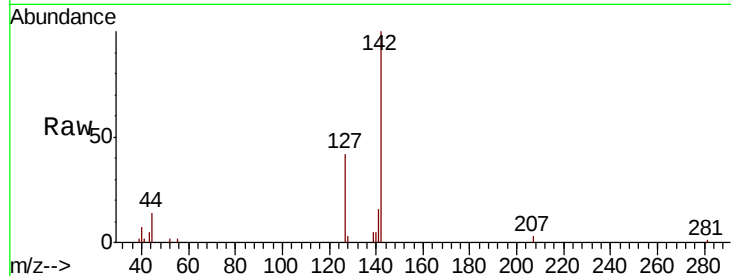




#11
Methvl Iodide
Concen: 9.224 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

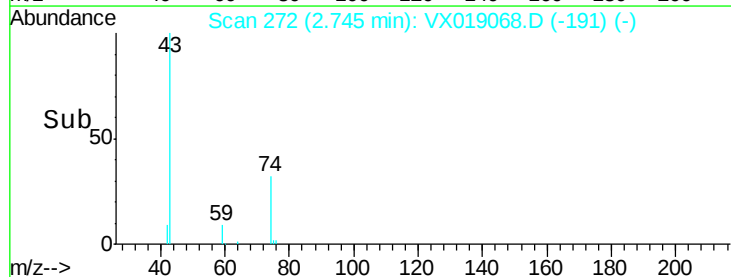
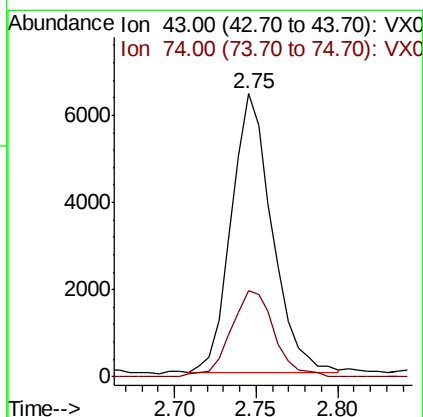
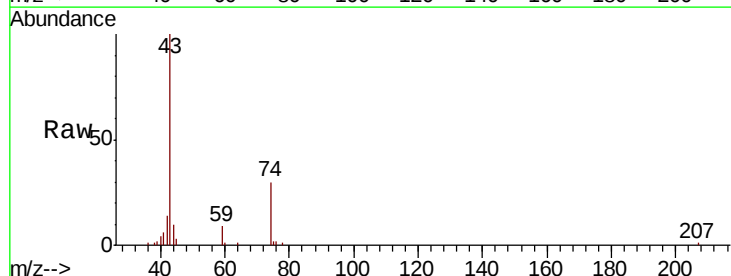
Instrument :
MSVOA_V
ClientSampleId :
BFB

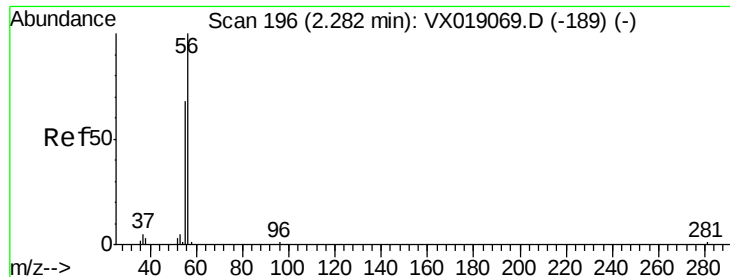
Tot Ion:142 Resp: 6191
Ion Ratio Lower Upper
142 100
127 41.8 22.6 67.7
141 15.6 6.3 19.1



#12
Methyl Acetate
Concen: 4.477 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion: 43 Resp: 11095
Ion Ratio Lower Upper
43 100
74 30.6 23.9 35.9





#13

Acrolein

Concen: 27.992 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampleId :

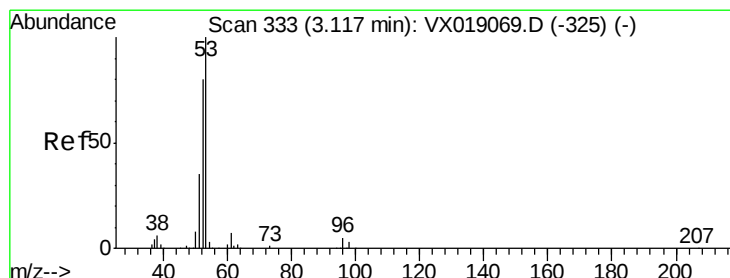
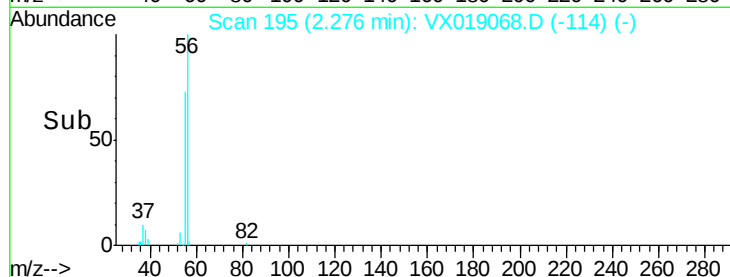
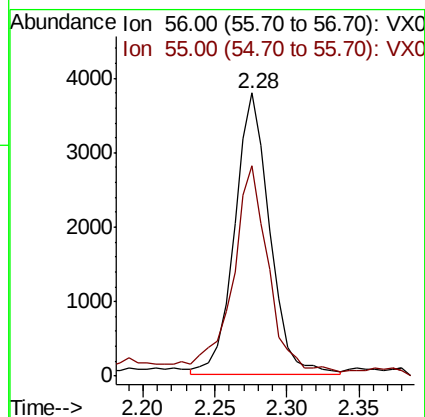
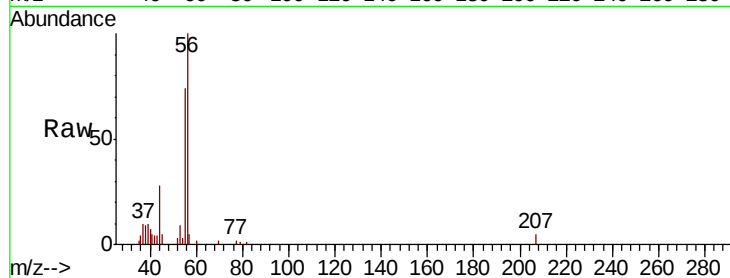
BFB

Tot Ion: 56 Resp: 6388

Ion Ratio Lower Upper

56 100

55 72.0 58.2 87.2



#14

Acrylonitrile

Concen: 23.215 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

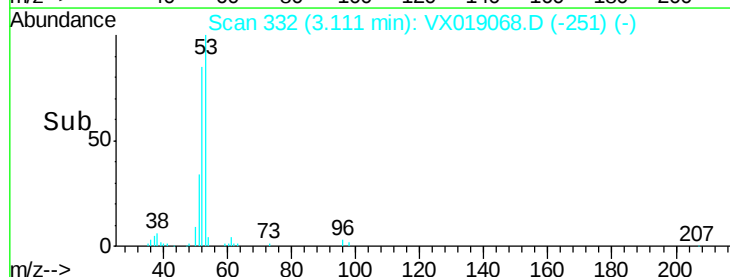
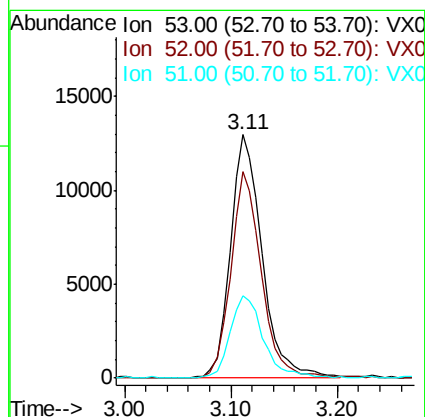
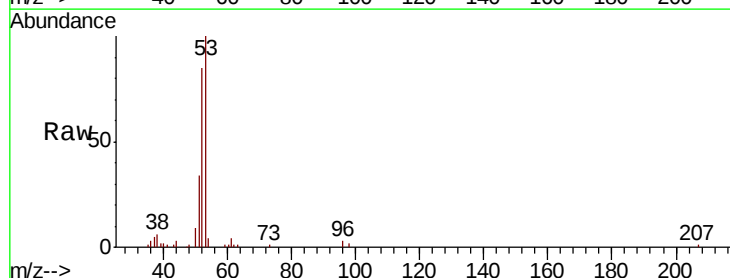
Tgt Ion: 53 Resp: 27030

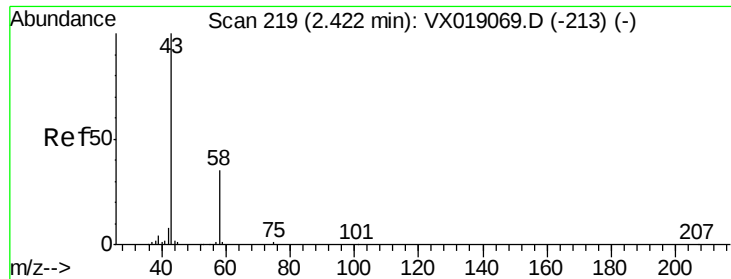
Ion Ratio Lower Upper

53 100

52 81.8 41.0 123.0

51 35.6 18.2 54.6





#15

Acetone

Concen: 23.511 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampled :

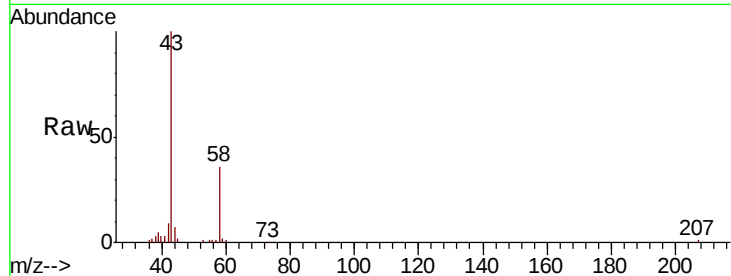
BFB

Tot Ion: 58 Resp: 7842

Ion Ratio Lower Upper

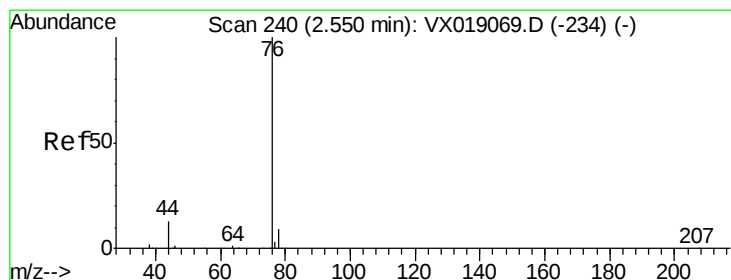
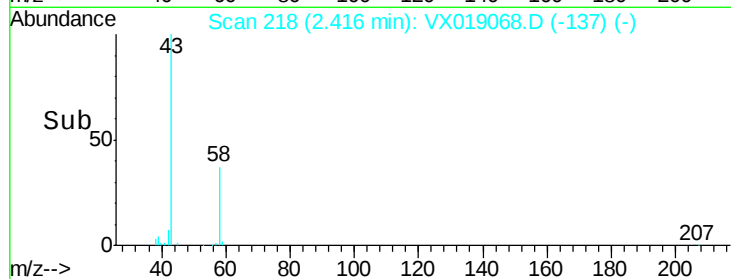
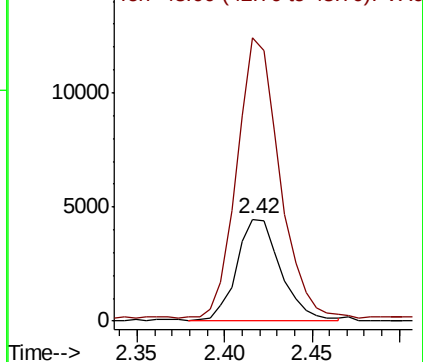
58 100

43 274.1 226.7 340.1



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 4.796 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019068.D

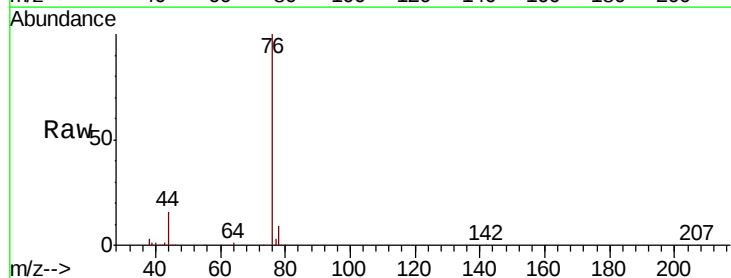
Acq: 23 Oct 2020 09:53

Tgt Ion: 76 Resp: 33376

Ion Ratio Lower Upper

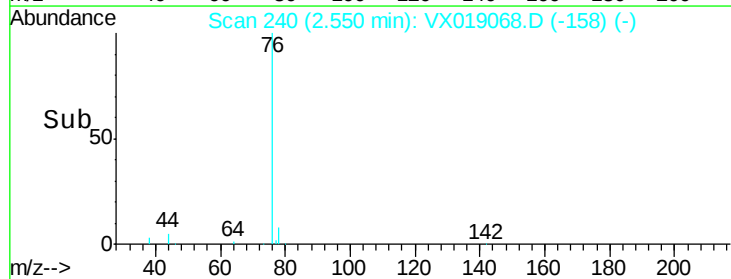
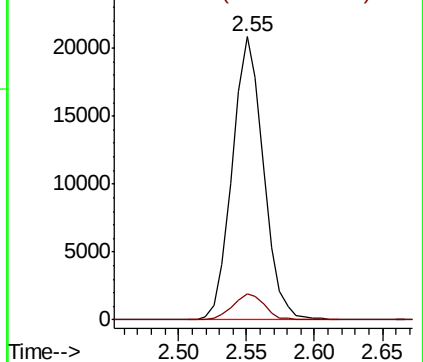
76 100

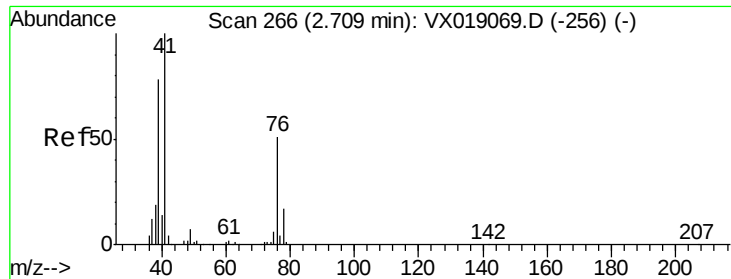
78 9.2 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

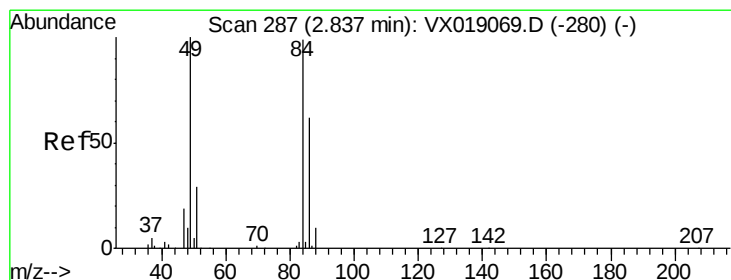
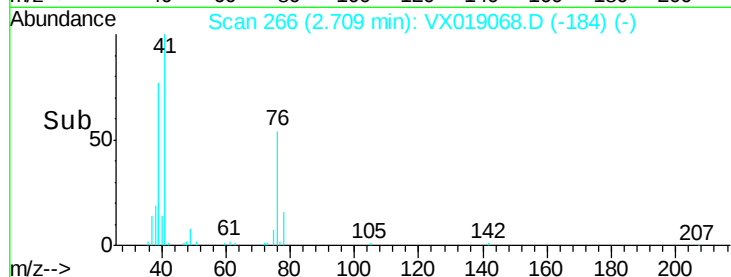
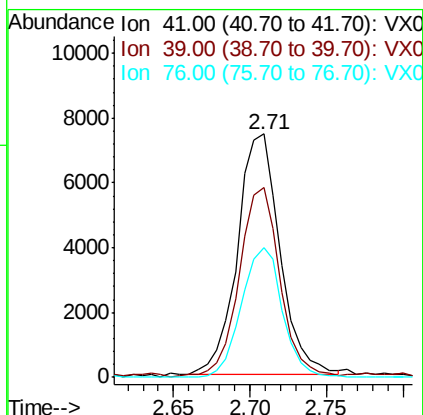
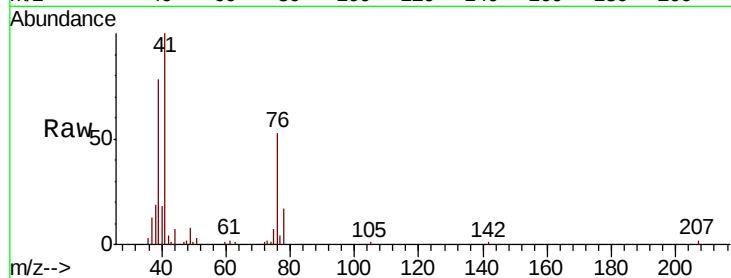




#17
Allvl chloride
Concen: 4.618 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

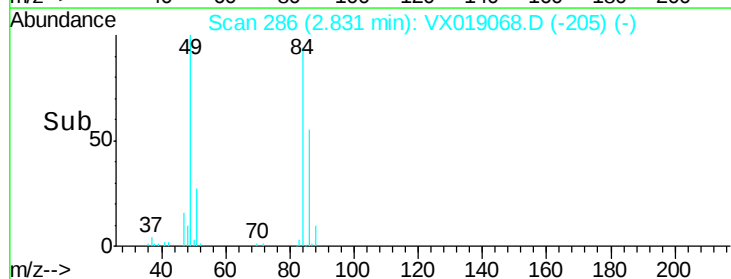
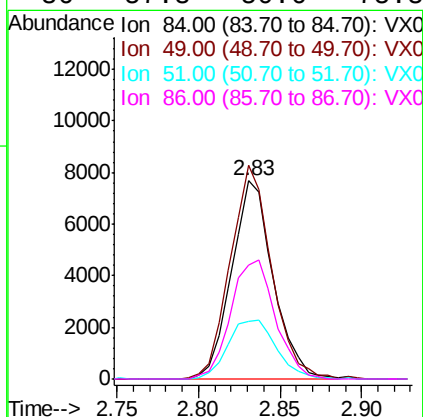
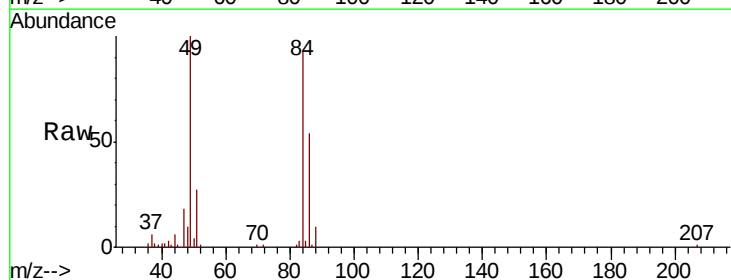
Instrument :
MSVOA_V
ClientSampleId :
BFB

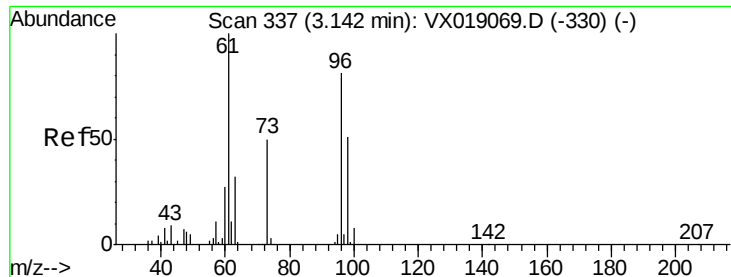
Tot Ion: 41 Resp: 14442
Ion Ratio Lower Upper
41 100
39 77.7 38.8 116.3
76 53.7 25.8 77.4



#18
Methylene Chloride
Concen: 4.772 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion: 84 Resp: 13625
Ion Ratio Lower Upper
84 100
49 107.8 80.9 121.3
51 28.9 23.8 35.6
86 57.8 50.6 75.8





#19

trans-1,2-Dichloroethene

Concen: 4.685 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampleId :

BFB

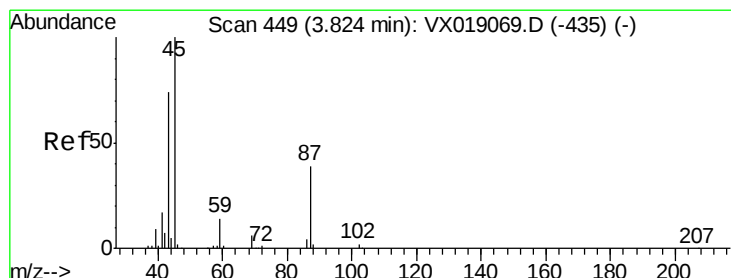
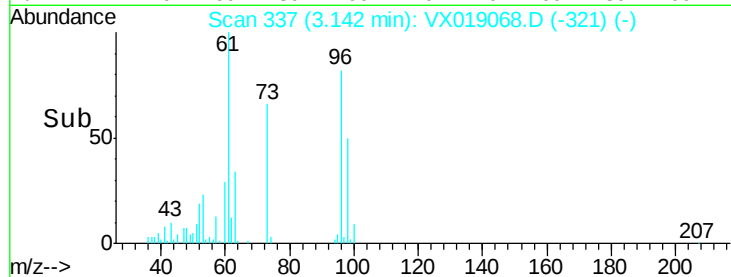
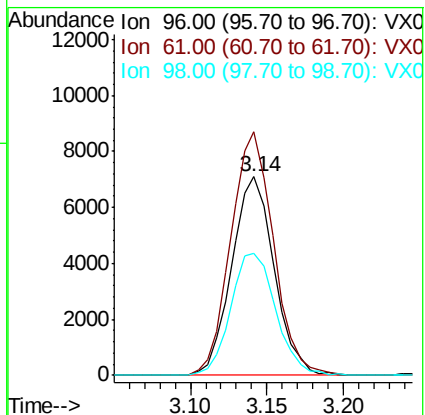
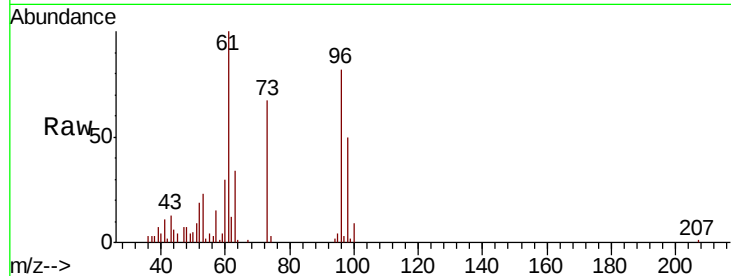
Tot Ion: 96 Resp: 13698

Ion Ratio Lower Upper

96 100

61 122.5 98.4 147.6

98 61.3 49.9 74.9



#20

Diisopropyl ether

Concen: 4.758 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Tgt Ion: 45 Resp: 30146

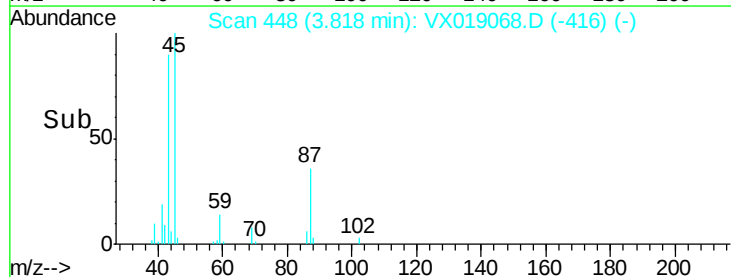
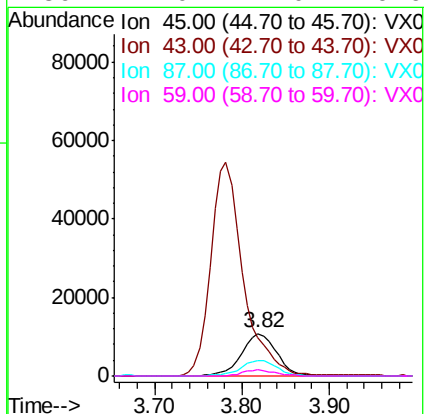
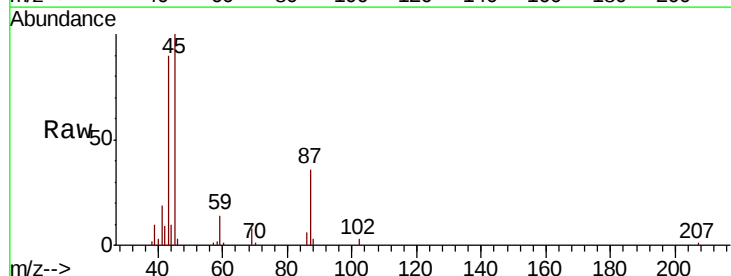
Ion Ratio Lower Upper

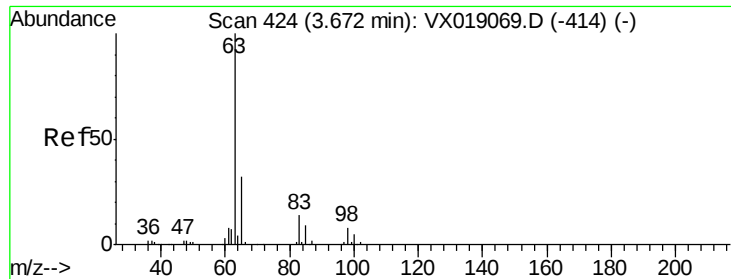
45 100

43 88.8 60.6 91.0

87 35.6 30.9 46.3

59 14.0 11.0 16.6





#21

1,1-Dichloroethane

Concen: 4.728 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampled :

BFB

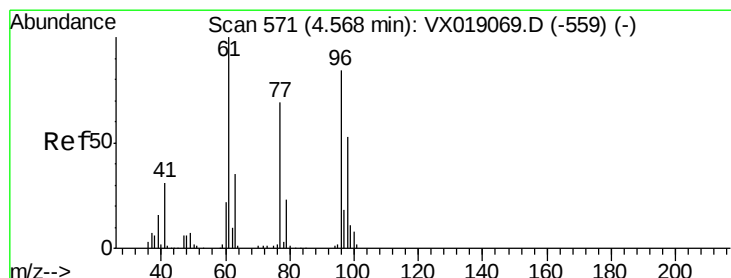
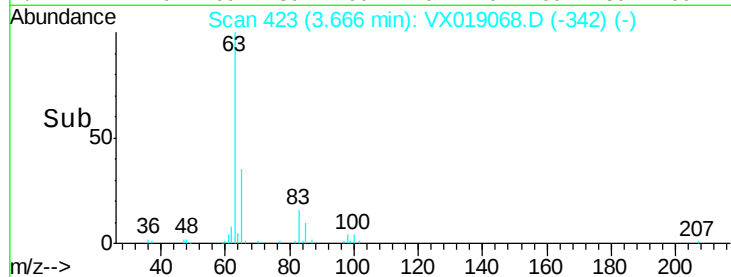
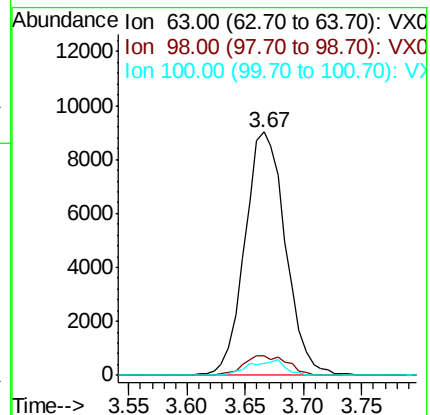
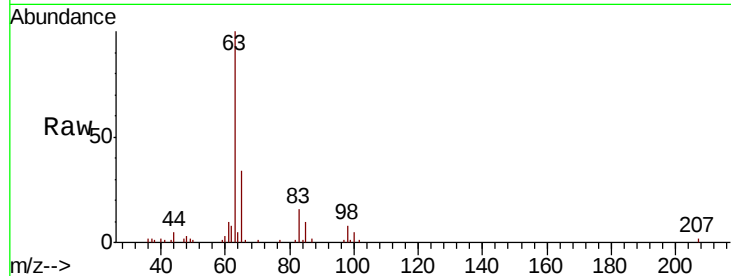
Tot Ion: 63 Resp: 21991

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 4.7 2.4 7.2



#22

cis-1,2-Dichloroethene

Concen: 4.777 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

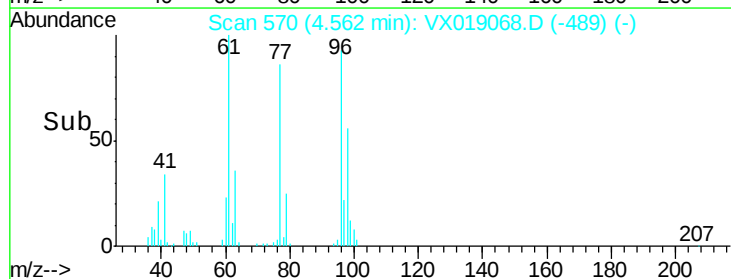
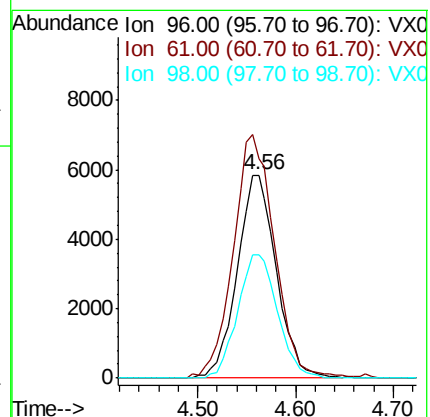
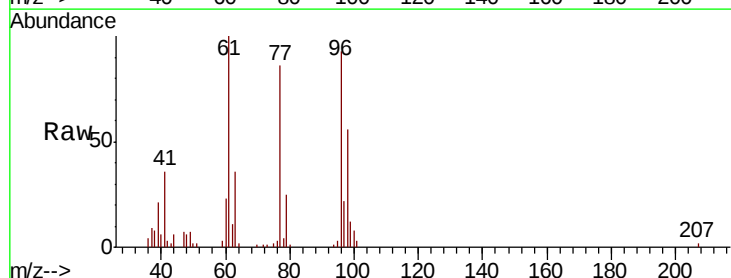
Tgt Ion: 96 Resp: 16180

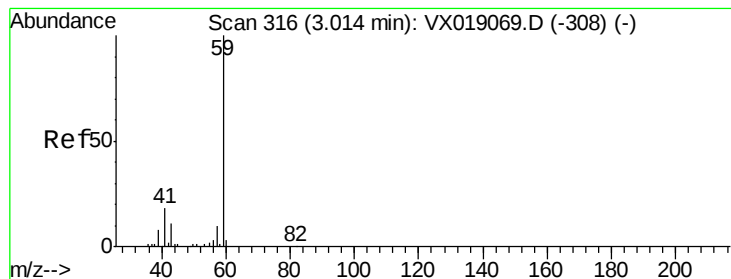
Ion Ratio Lower Upper

96 100

61 127.2 101.9 152.9

98 61.7 51.3 76.9





#23

tert-Butyl Alcohol

Concen: 0.377 ug/l

RT: 3.06 min Scan# 324

Delta R.T. 0.05 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampled :

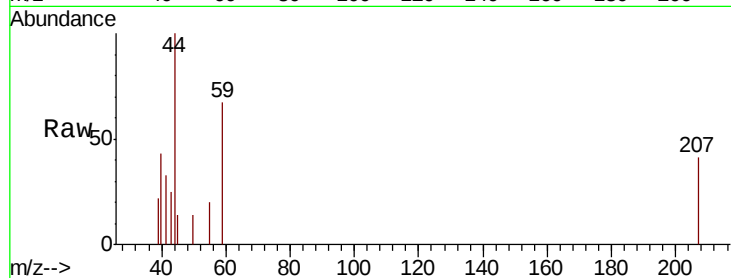
BFB

Tot Ion: 59 Resp: 213

Ion Ratio Lower Upper

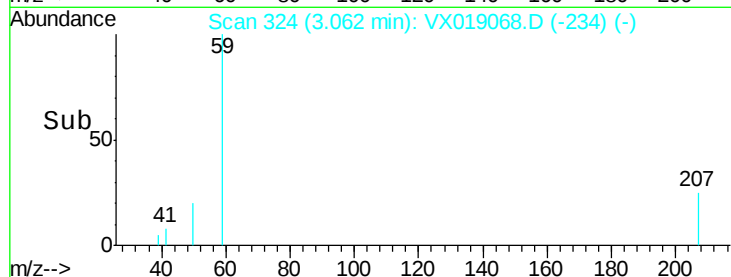
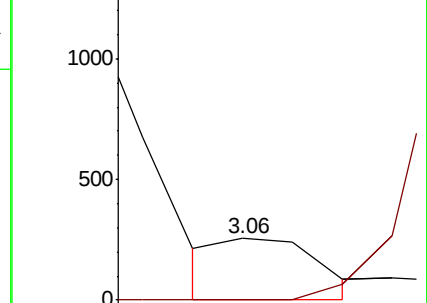
59 100

52 0.0 0.2 0.4#

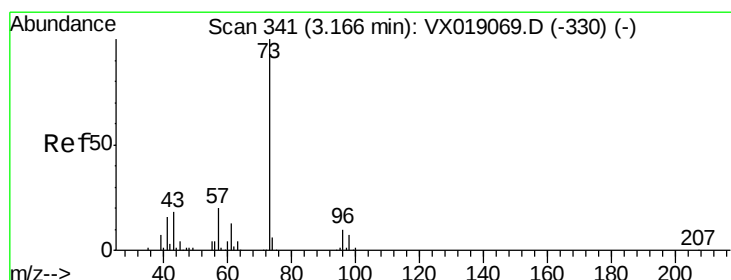


Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



Time-->



#24

Methyl tert-Butyl Ether

Concen: 4.658 ug/l

RT: 3.16 min Scan# 340

Delta R.T. -0.01 min

Lab File: VX019068.D

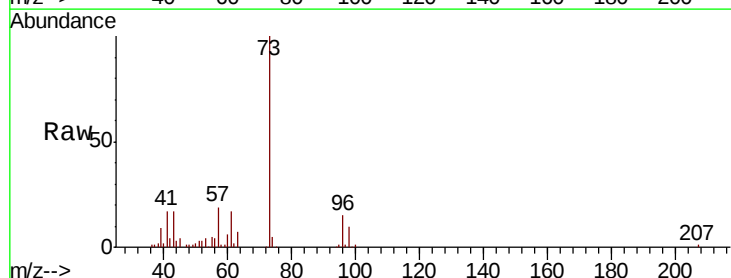
Acq: 23 Oct 2020 09:53

Tgt Ion: 73 Resp: 36875

Ion Ratio Lower Upper

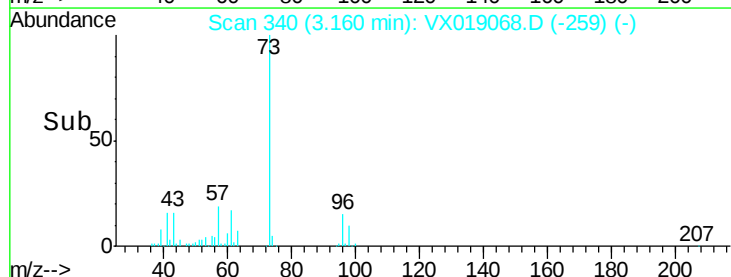
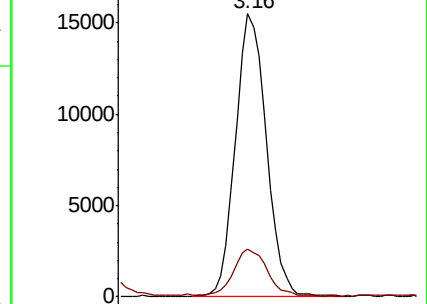
73 100

43 19.0 13.9 20.9

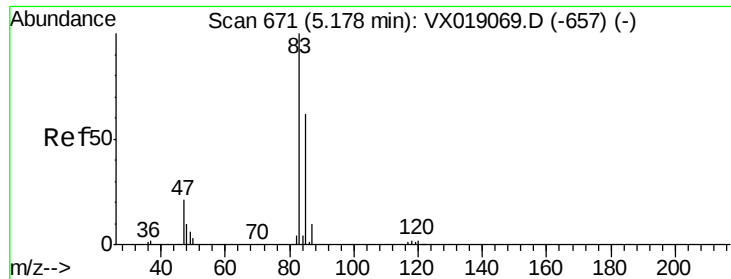


Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



Time-->



#25

Chloroform

Concen: 4.673 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampled :

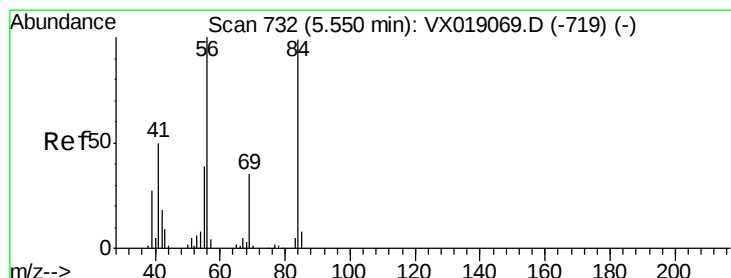
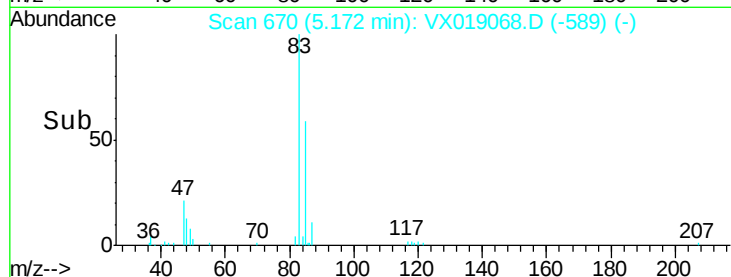
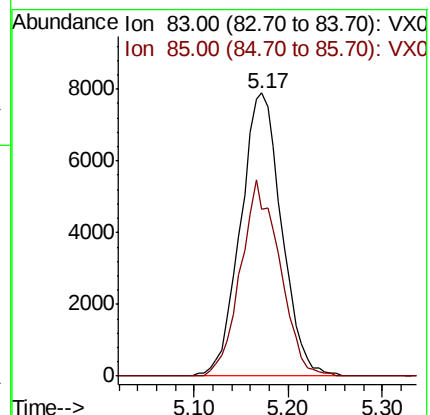
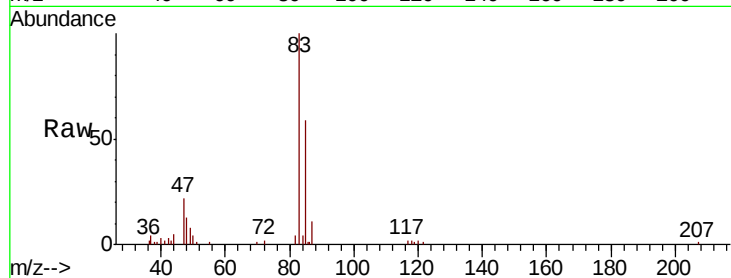
BFB

Tot Ion: 83 Resp: 24086

Ion Ratio Lower Upper

83 100

85 59.2 49.8 74.8



#26

Cyclohexane

Concen: 4.899 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

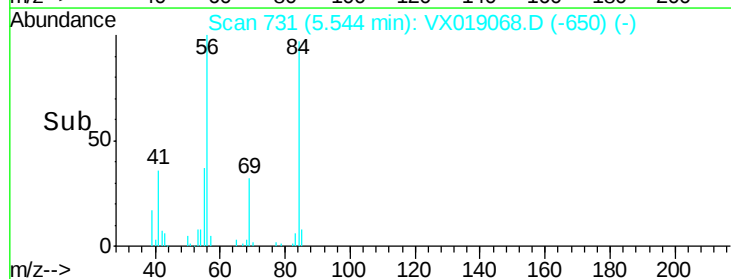
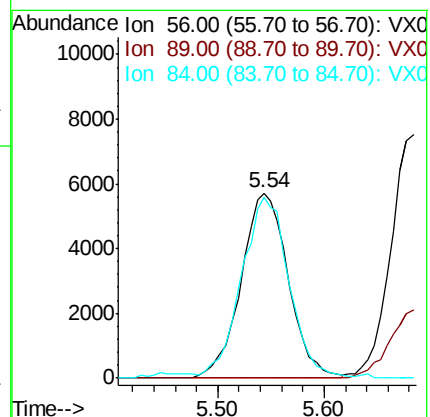
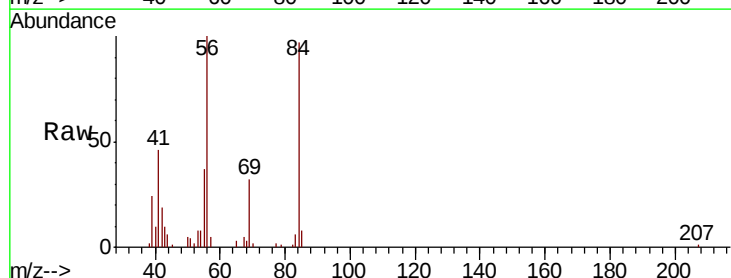
Tgt Ion: 56 Resp: 17708

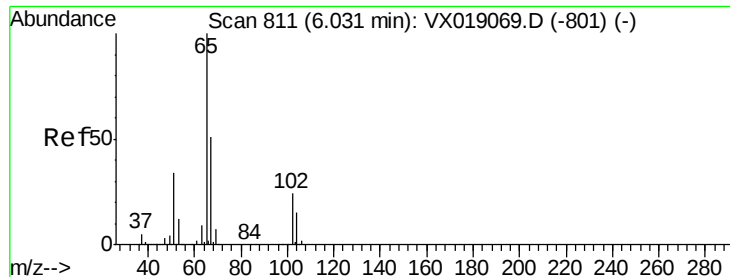
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 98.4 83.7 125.5





#27

1,2-Dichloroethane-d4

Concen: 31.353 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampleId :

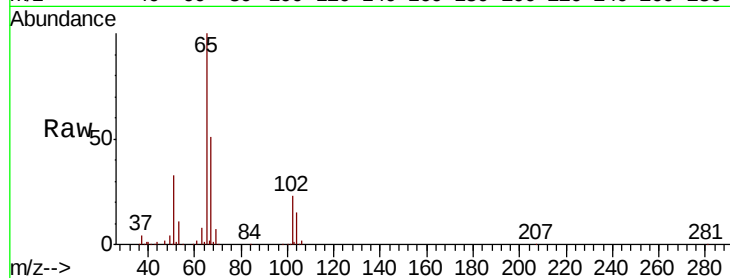
BFB

Tot Ion: 65 Resp: 103861

Ion Ratio Lower Upper

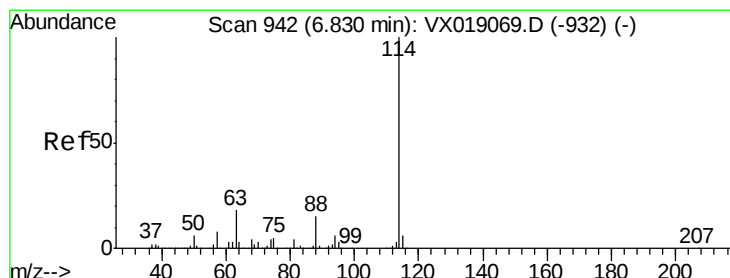
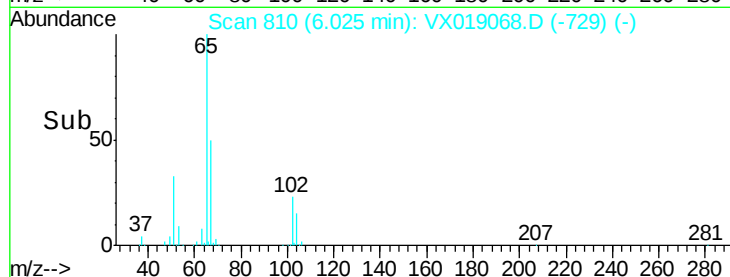
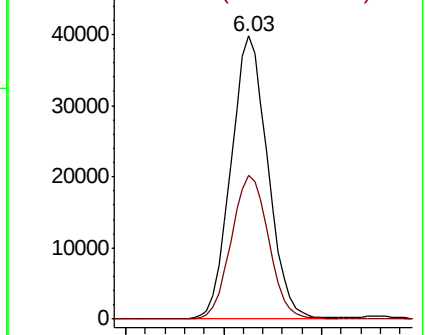
65 100

67 51.4 42.0 63.0



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

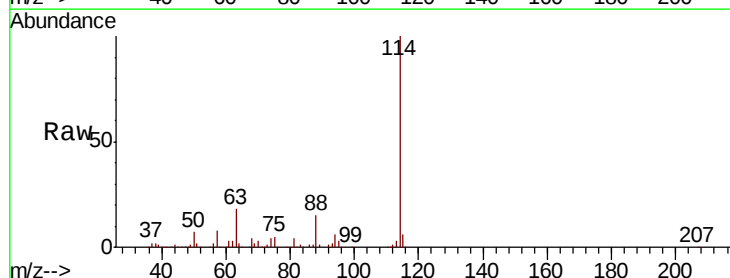
Tgt Ion: 114 Resp: 287295

Ion Ratio Lower Upper

114 100

63 18.0 14.6 21.8

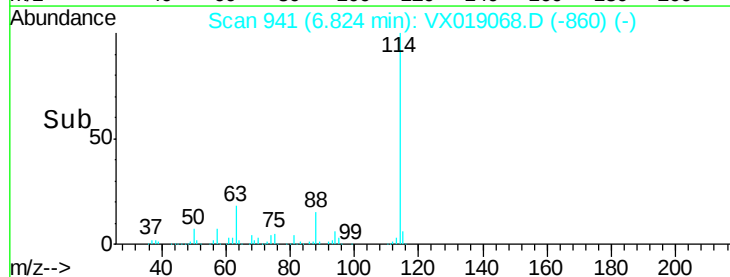
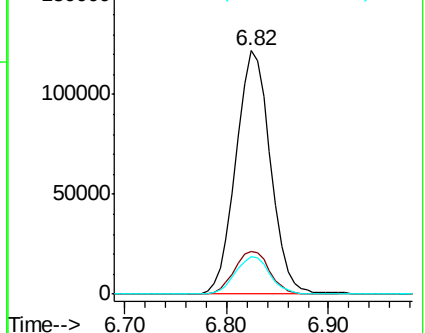
88 15.3 12.2 18.2

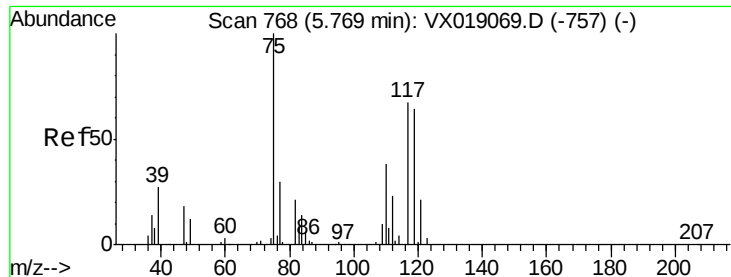


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

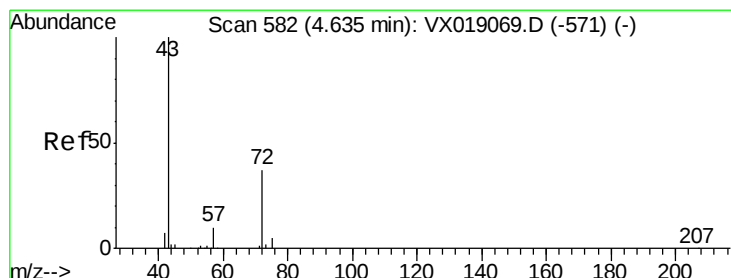
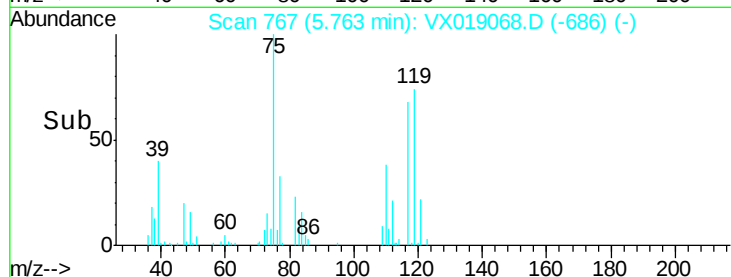
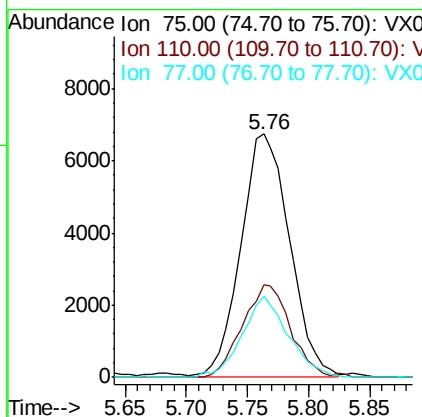
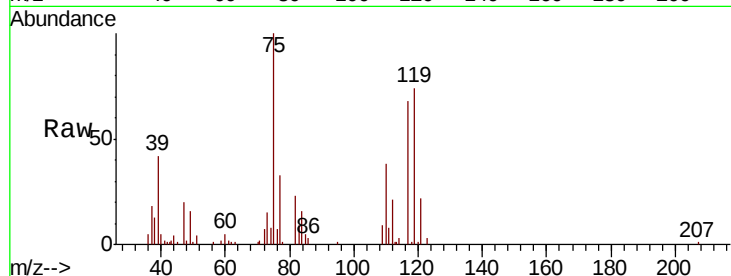




#29
 1,1-Dichloropropene
 Concen: 4.625 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

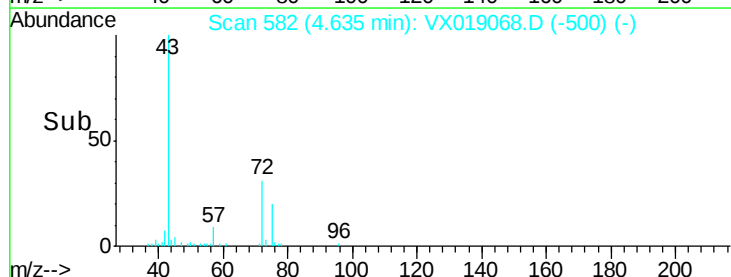
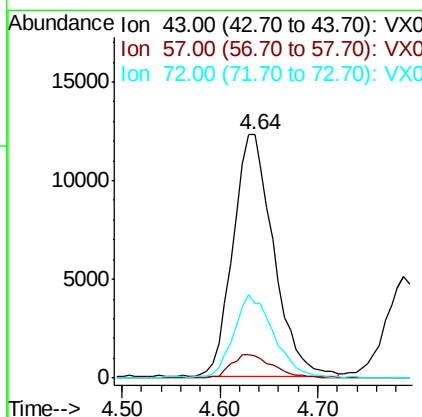
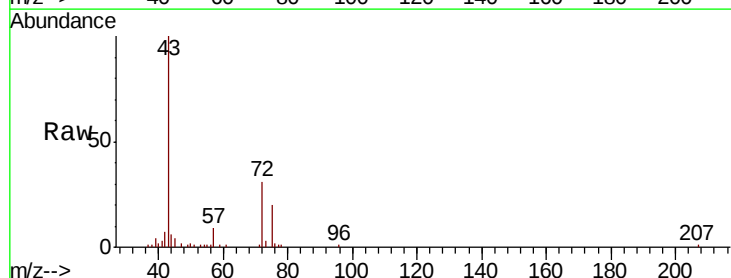
Instrument :
 MSVOA_V
 ClientSampled :
 BFB

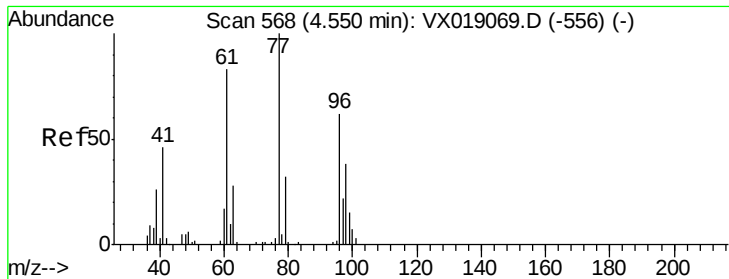
Tot Ion	Ratio	Lower	Upper
75	100		
110	37.2	0.0	77.4
77	31.5	0.0	62.8



#30
 2-Butanone
 Concen: 21.763 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
43	100		
57	10.0	7.8	11.6
72	34.3	28.1	42.1





#31

2,2-Dichloropropane

Concen: 4.650 ug/l

RT: 4.54 min Scan# 566

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampleId :

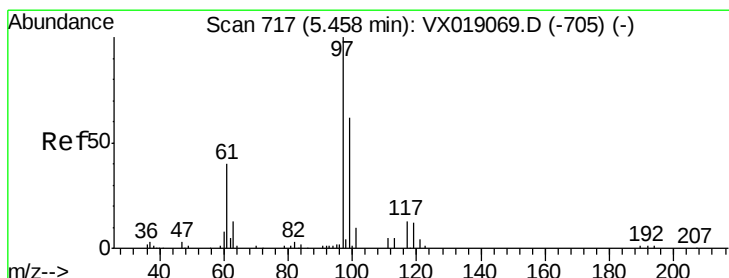
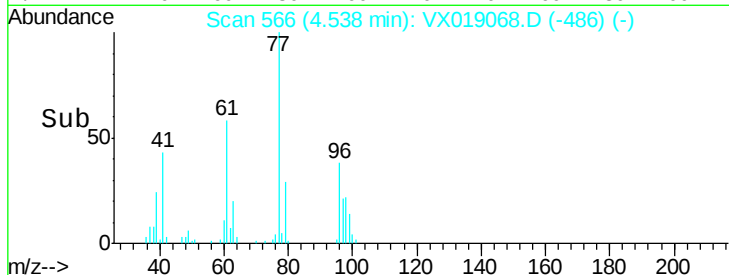
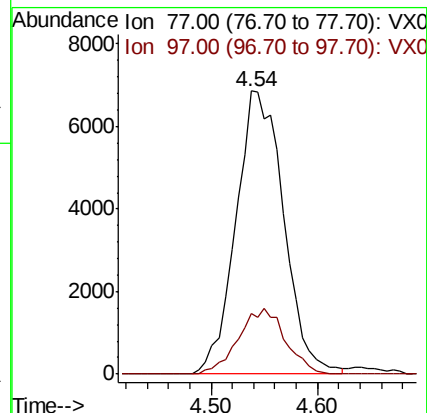
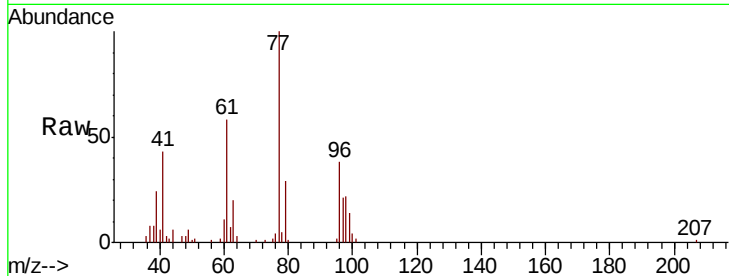
BFB

Tot Ion: 77 Resp: 21565

Ion Ratio Lower Upper

77 100

97 22.7 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 4.530 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

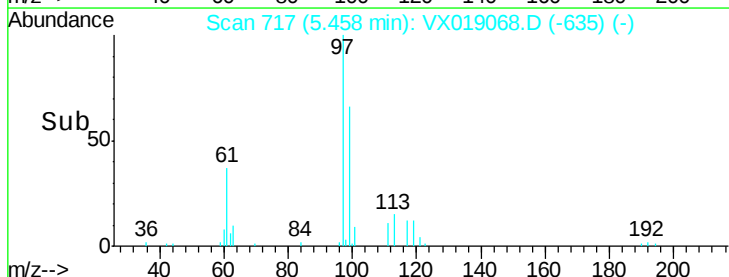
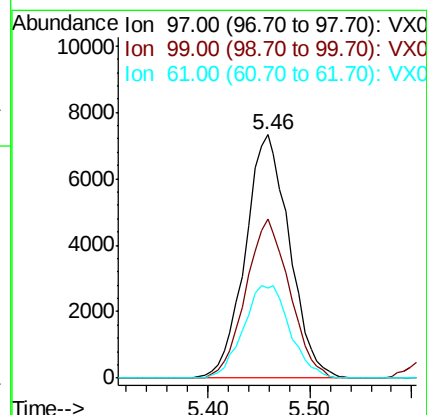
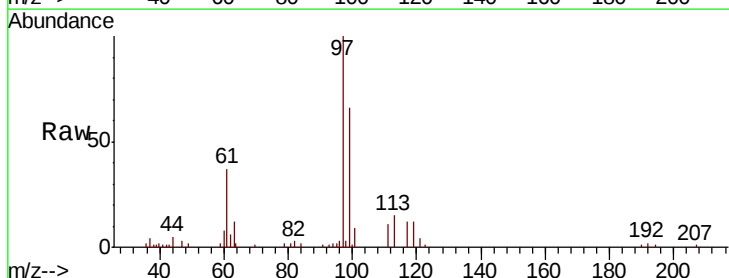
Tgt Ion: 97 Resp: 22066

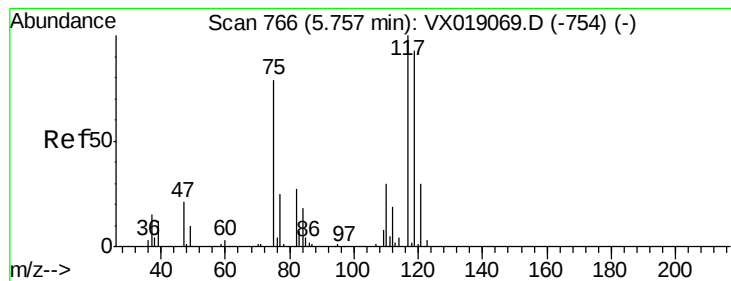
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.6

61 39.9 32.0 48.0





#33

Carbon Tetrachloride

Concen: 4.389 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampleId :

BFB

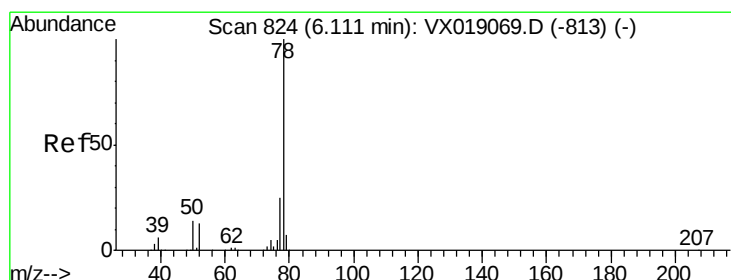
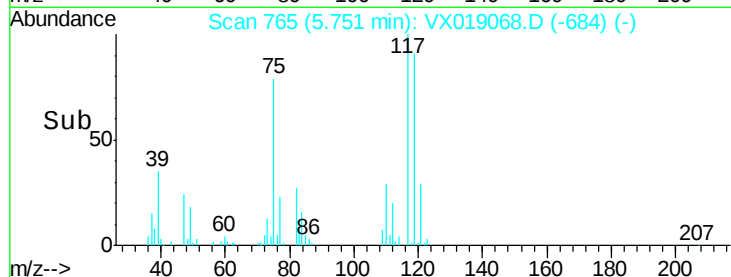
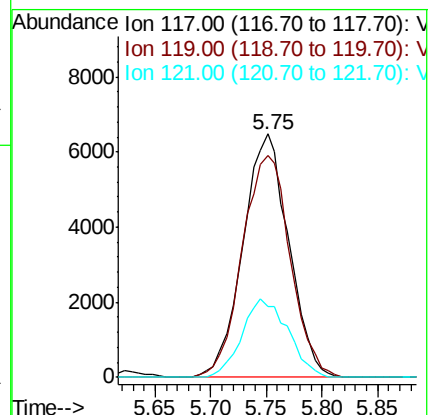
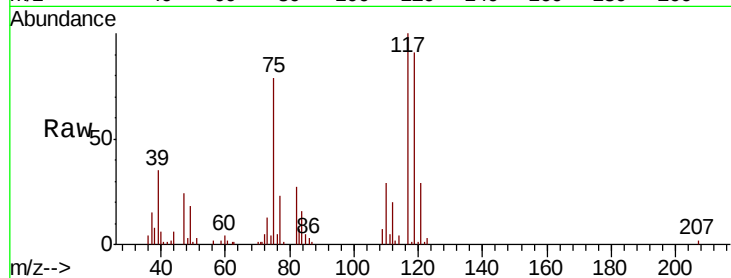
Tot Ion:117 Resp: 18554

Ion Ratio Lower Upper

117 100

119 90.9 74.5 111.7

121 28.8 24.1 36.1



#34

Benzene

Concen: 4.582 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

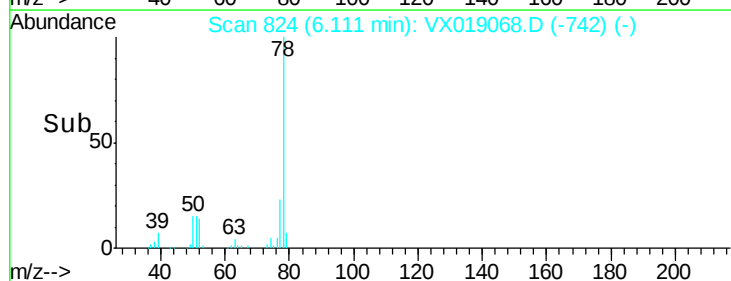
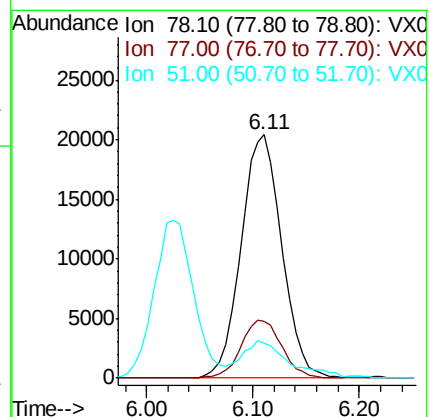
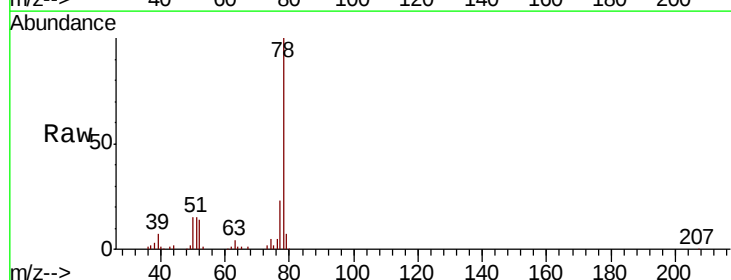
Tgt Ion: 78 Resp: 54645

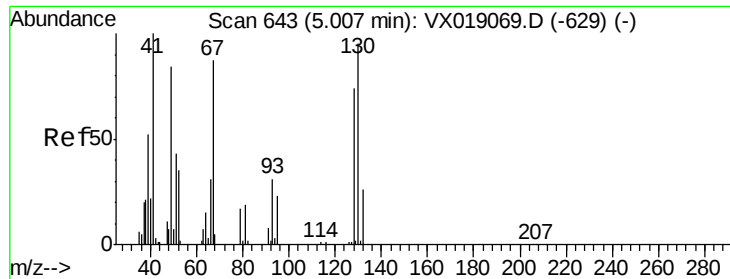
Ion Ratio Lower Upper

78 100

77 23.4 20.1 30.1

51 13.7 11.0 16.4

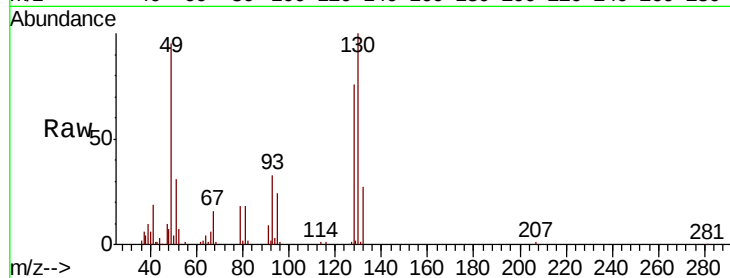




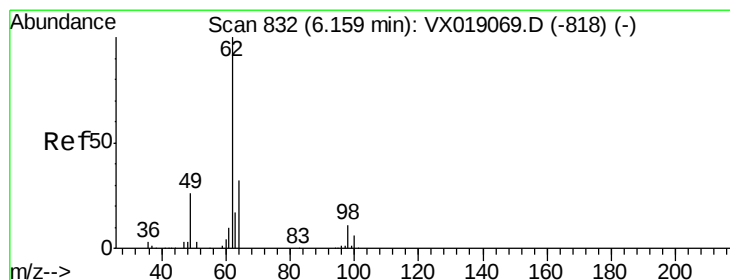
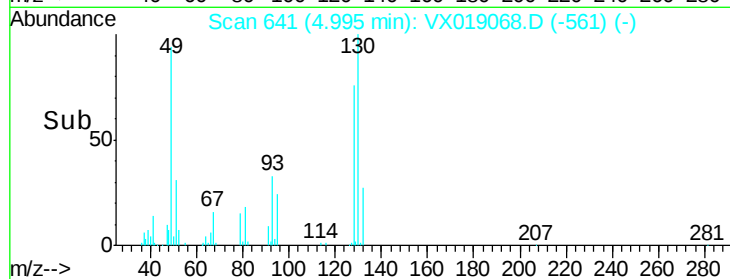
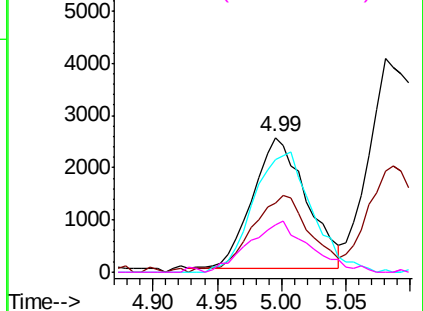
#35
Methacrylonitrile
Concen: 4.204 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_V
ClientSampleId :
BFB

Tot Ion:	41	Resp:	7349
Ion	Ratio	Lower	Upper
41	100		
39	52.7	25.8	77.4
67	86.1	43.6	130.8
52	32.9	17.3	51.7

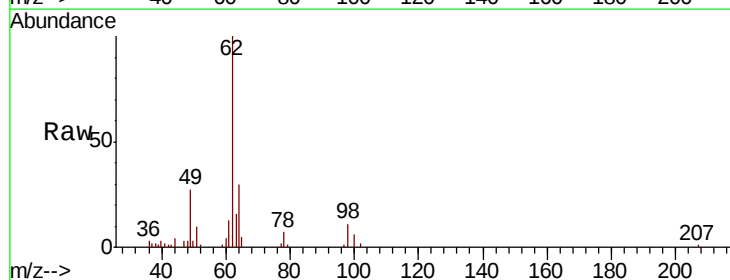


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

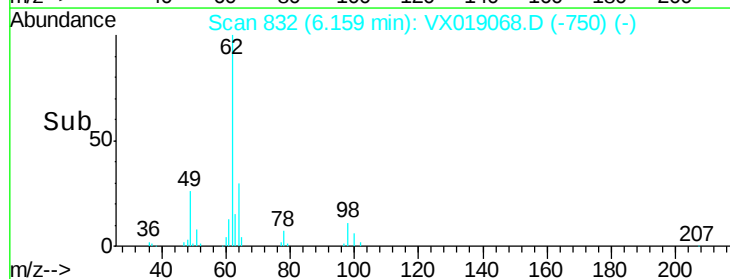
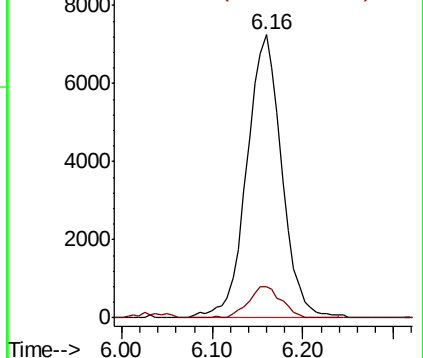


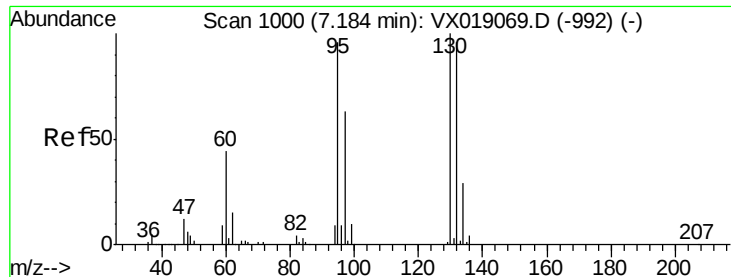
#36
1,2-Dichloroethane
Concen: 4.724 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion:	62	Resp:	19323
Ion	Ratio	Lower	Upper
62	100		
98	10.4	8.4	12.6



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

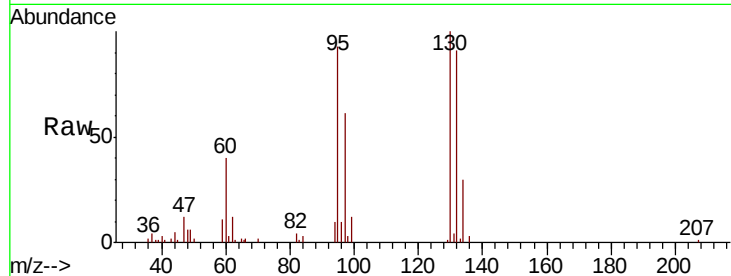




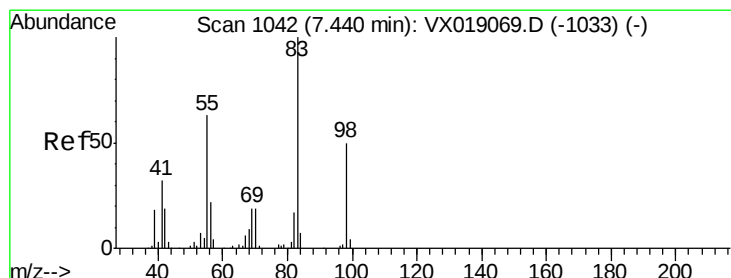
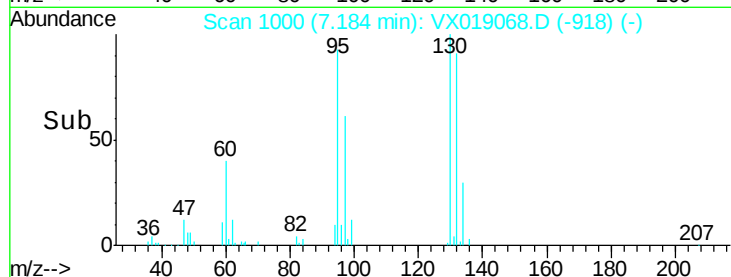
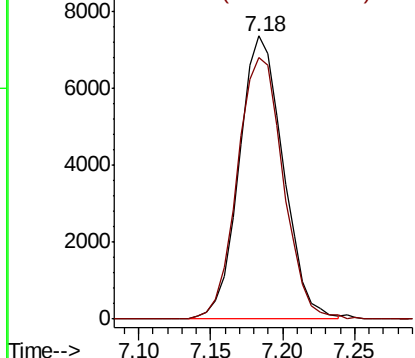
#37
 Trichloroethene
 Concen: 4.550 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Instrument :
 MSVOA_V
 ClientSampled :
 BFB

Tot Ion:130 Resp: 15597
 Ion Ratio Lower Upper
 130 100
 95 92.6 76.8 115.2

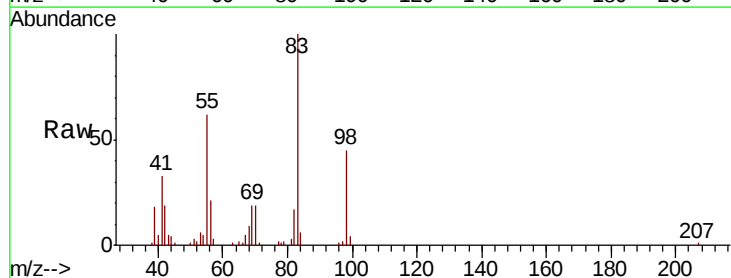


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

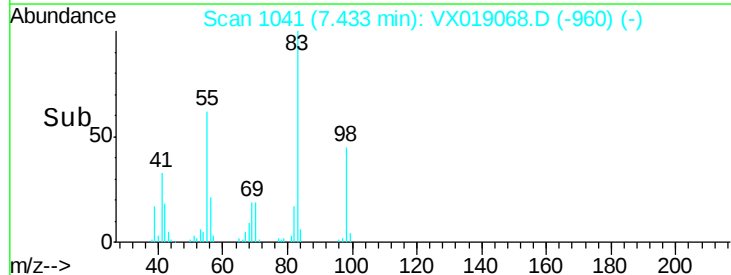
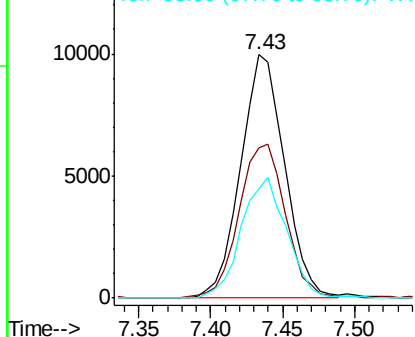


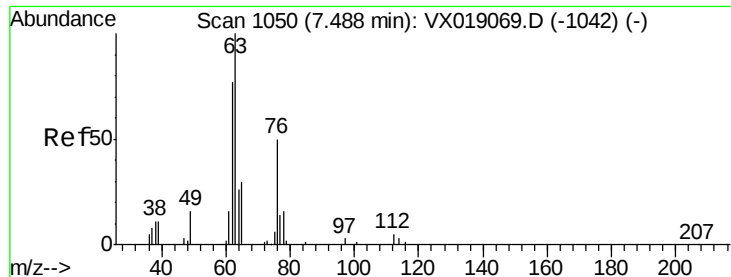
#38
 Methylcyclohexane
 Concen: 4.645 ug/l
 RT: 7.43 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Tgt Ion: 83 Resp: 21101
 Ion Ratio Lower Upper
 83 100
 55 66.9 32.3 96.8
 98 51.1 25.7 77.1



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





#39

1,2-Dichloropropane

Concen: 4.509 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampled :

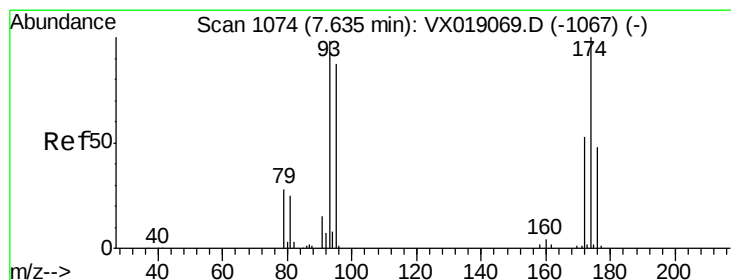
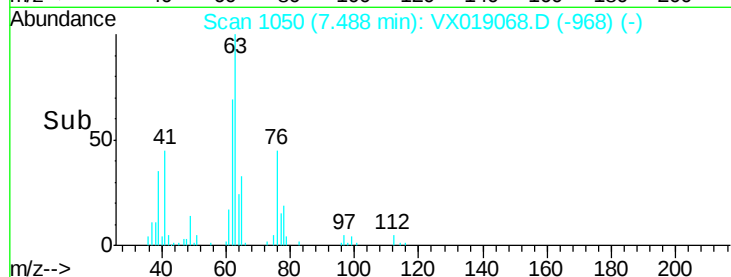
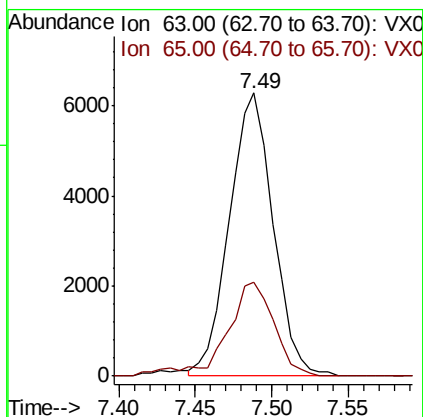
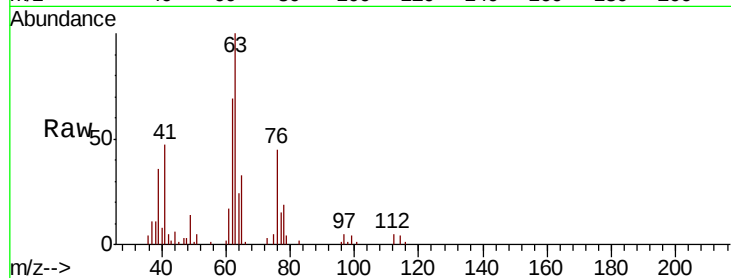
BFB

Tot Ion: 63 Resp: 12481

Ion Ratio Lower Upper

63 100

65 33.2 25.8 38.8



#40

Dibromomethane

Concen: 4.531 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

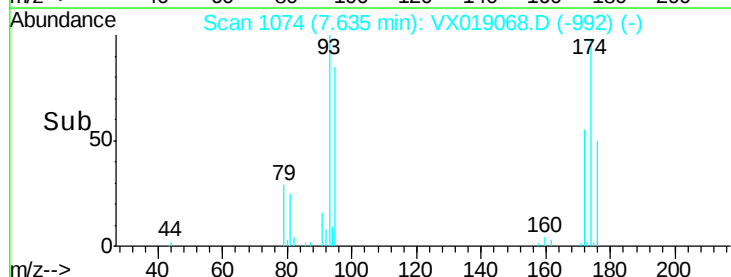
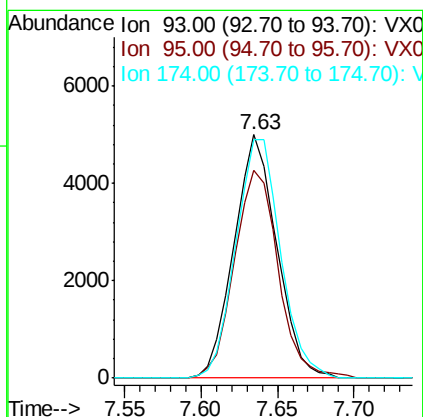
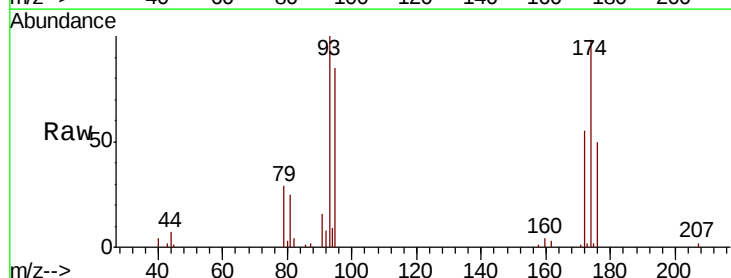
Tgt Ion: 93 Resp: 9734

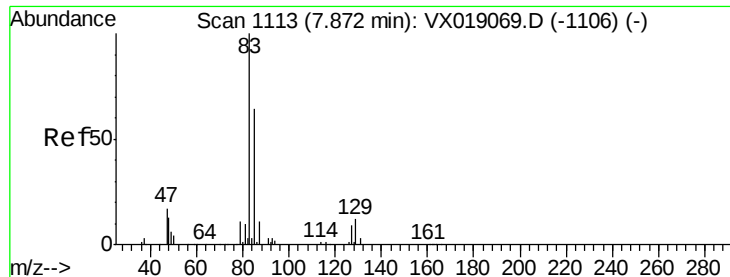
Ion Ratio Lower Upper

93 100

95 87.0 0.0 169.0

174 102.3 0.0 205.4





#41

Bromodichloromethane

Concen: 4.347 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampleId :

BFB

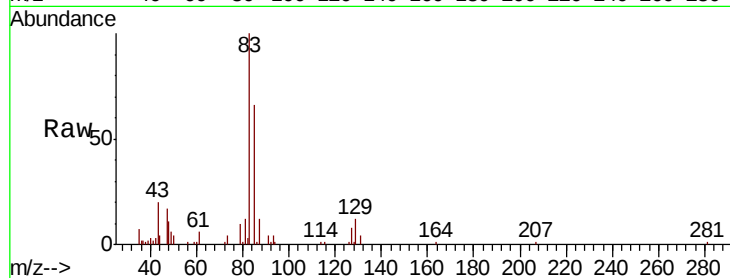
Tot Ion: 83 Resp: 18464

Ion Ratio Lower Upper

83 100

85 65.9 51.2 76.8

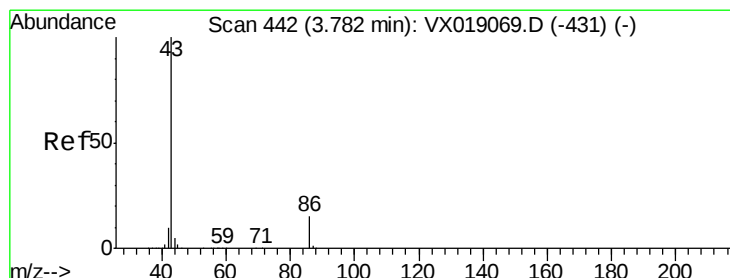
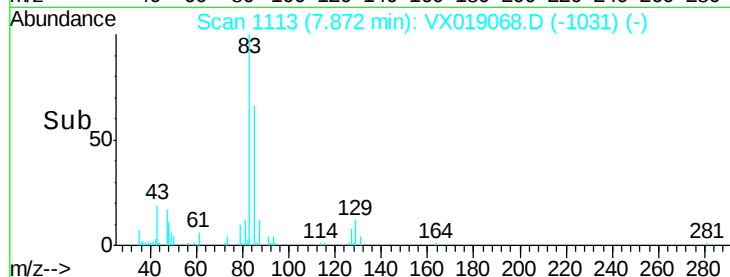
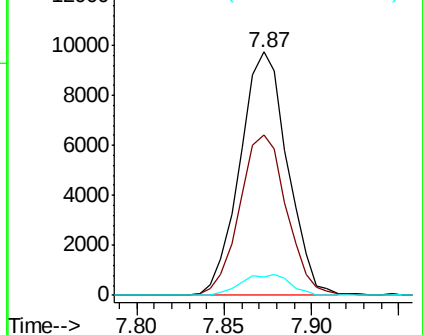
127 7.7 7.1 10.7



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: 22.110 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019068.D

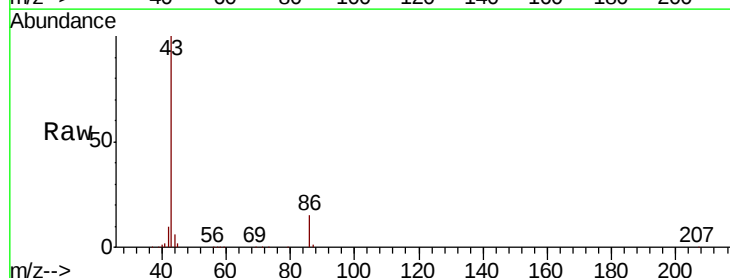
Acq: 23 Oct 2020 09:53

Tgt Ion: 43 Resp: 138906

Ion Ratio Lower Upper

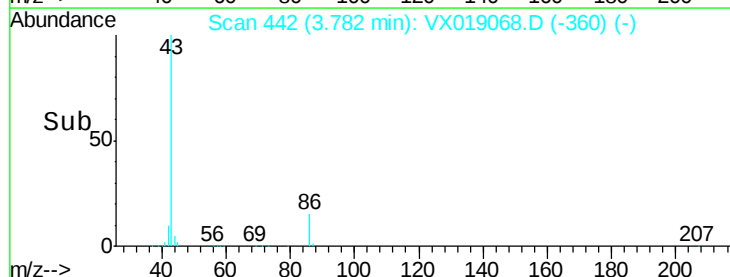
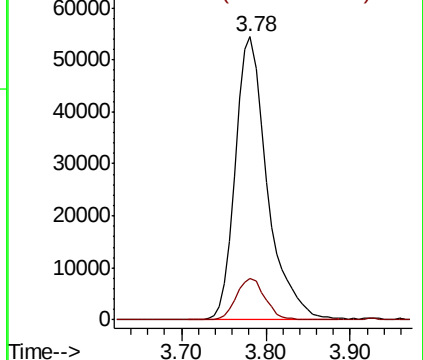
43 100

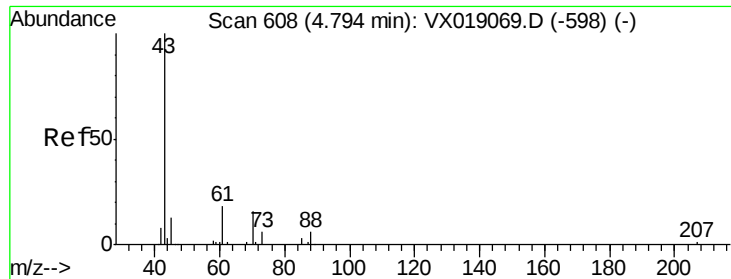
86 13.2 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

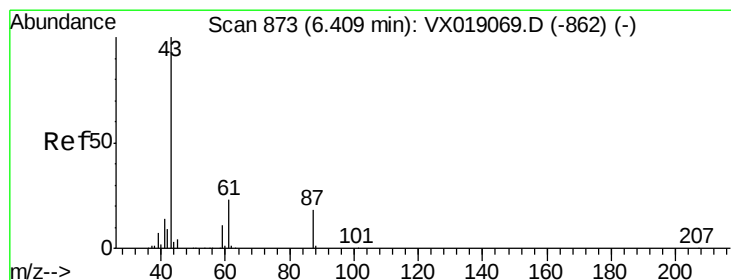
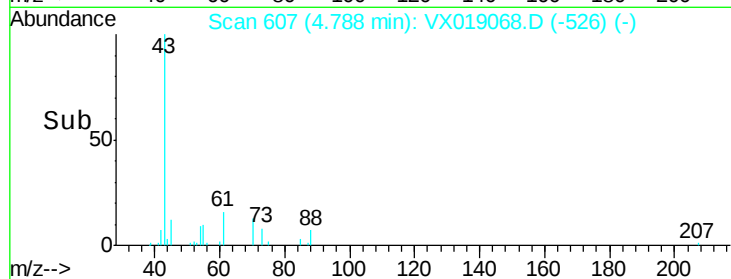
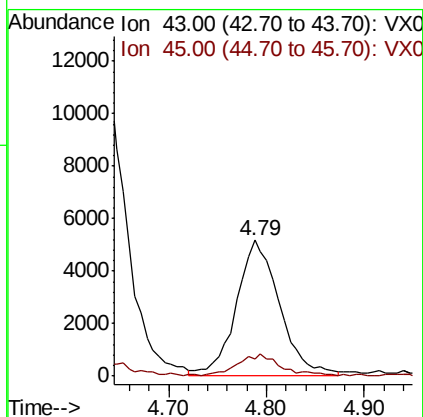
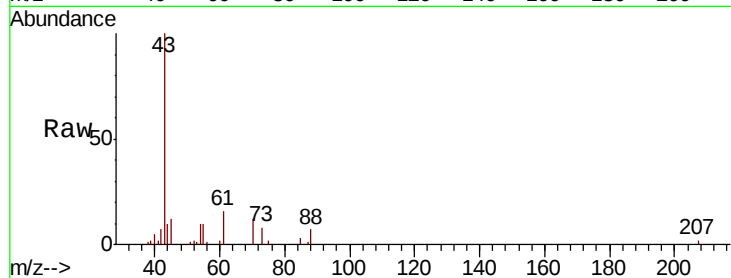




#43
Ethyl Acetate
Concen: 4.657 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

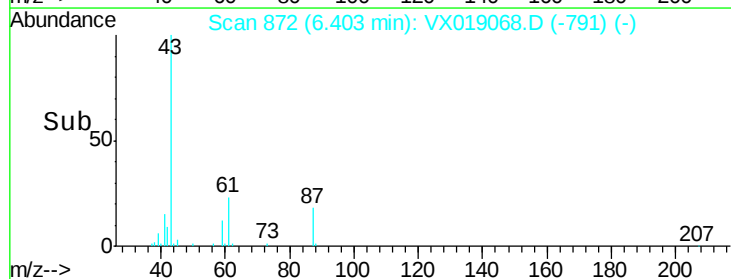
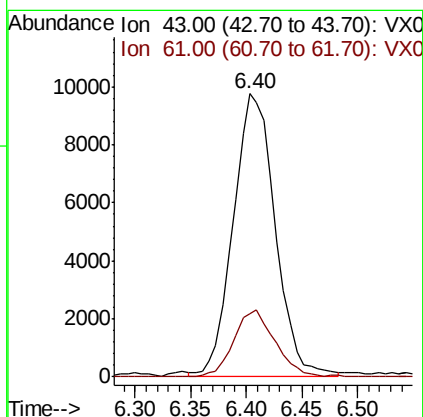
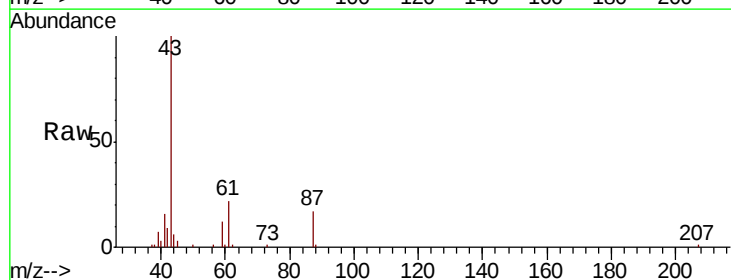
Instrument :
MSVOA_V
ClientSampled :
BFB

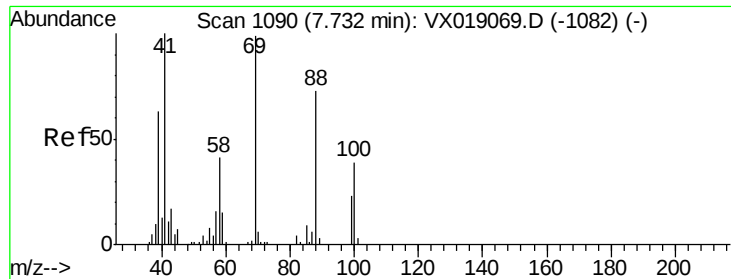
Tot Ion: 43 Resp: 15773
Ion Ratio Lower Upper
43 100
45 15.0 12.7 19.1



#44
Isopropyl Acetate
Concen: 4.522 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion: 43 Resp: 25651
Ion Ratio Lower Upper
43 100
61 23.0 19.1 28.7

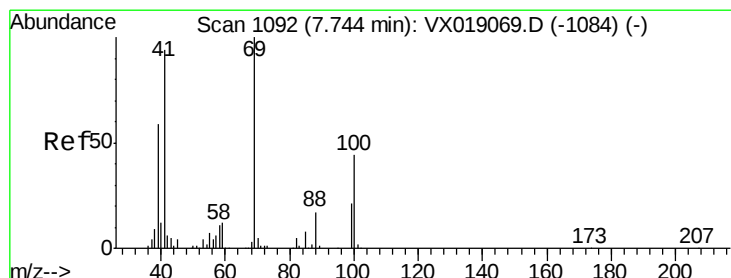
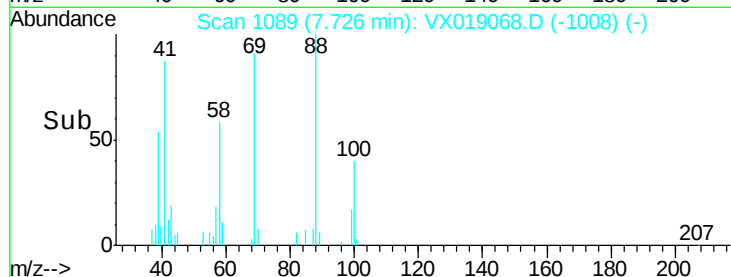
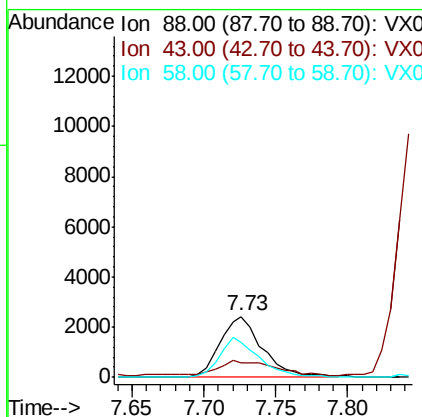
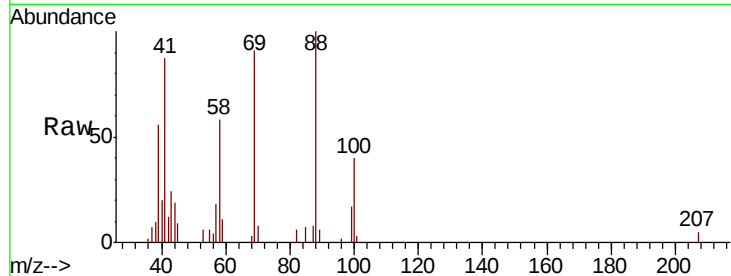




#45
 1,4-Dioxane
 Concen: 83.247 ug/l
 RT: 7.73 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

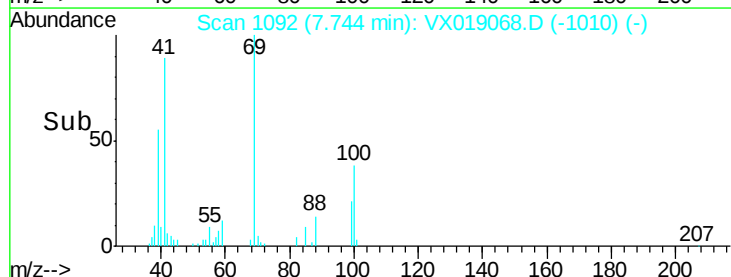
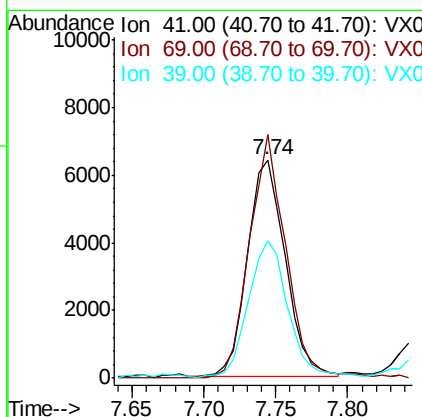
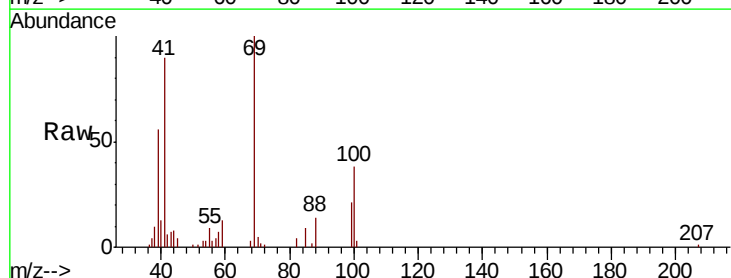
Instrument :
 MSVOA_V
 ClientSampled :
 BFB

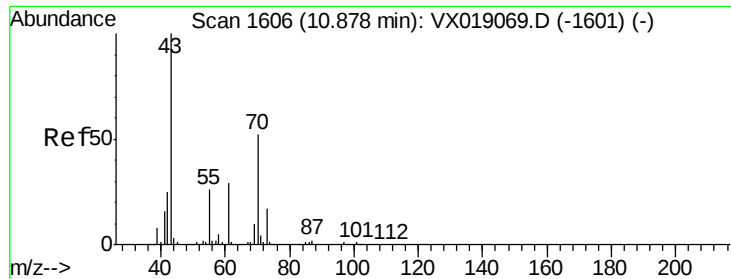
Tot Ion: 88 Resp: 4963
 Ion Ratio Lower Upper
 88 100
 43 13.4 20.5 30.7#
 58 61.1 47.4 71.2



#46
 Methyl methacrylate
 Concen: 4.318 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Tgt Ion: 41 Resp: 11591
 Ion Ratio Lower Upper
 41 100
 69 112.5 53.1 159.4
 39 62.2 31.3 93.9

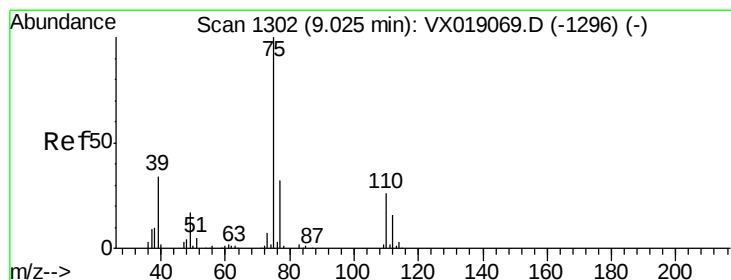
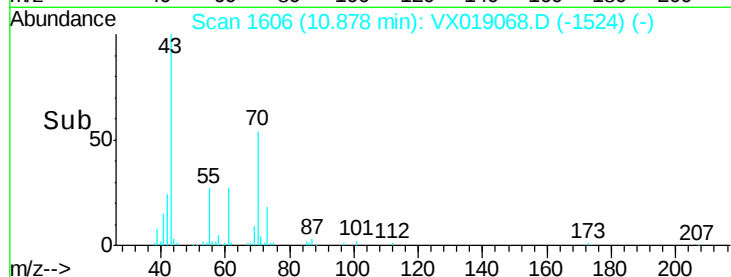
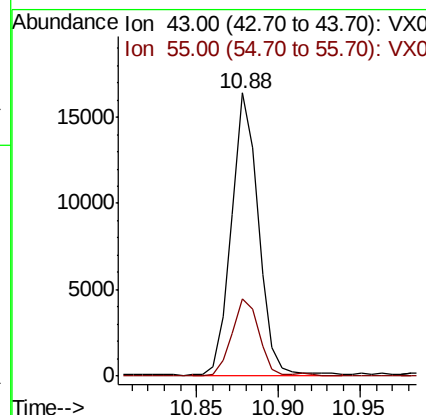
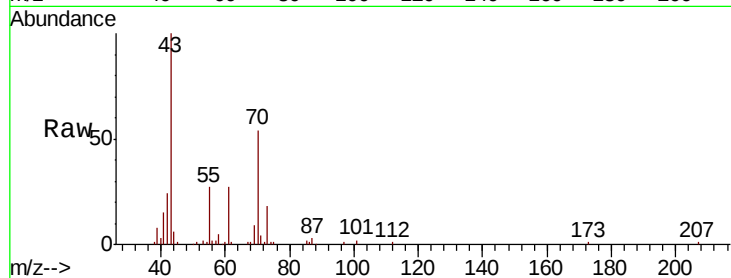




#47
 n-amvl Acetate
 Concen: 4.135 ug/l
 RT: 10.88 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

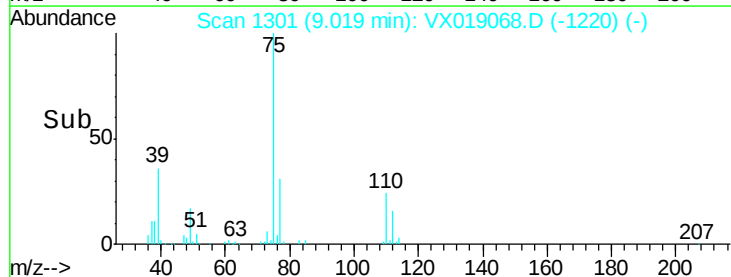
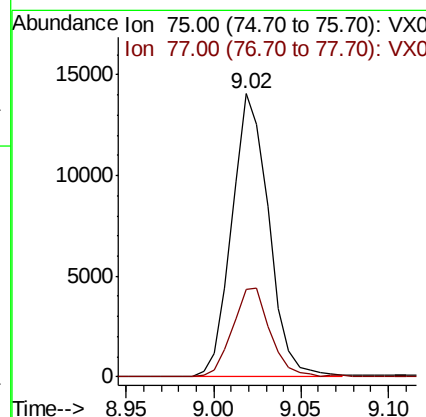
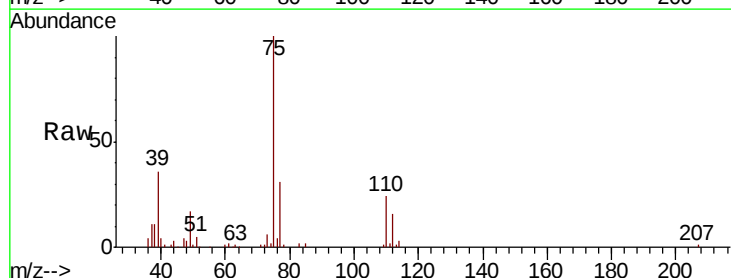
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB

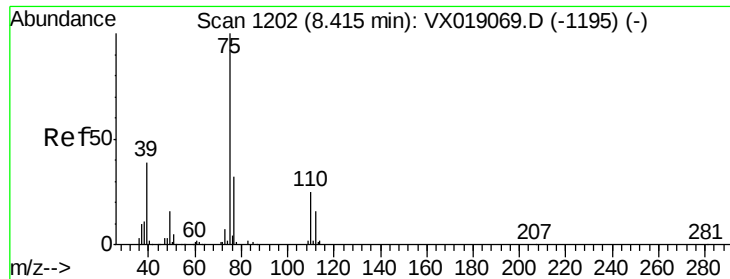
Tot Ion: 43 Resp: 18812
 Ion Ratio Lower Upper
 43 100
 55 27.7 21.5 32.3



#48
 t-1,3-Dichloropropene
 Concen: 4.356 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Tgt Ion: 75 Resp: 20714
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 4.399 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampleId :

BFB

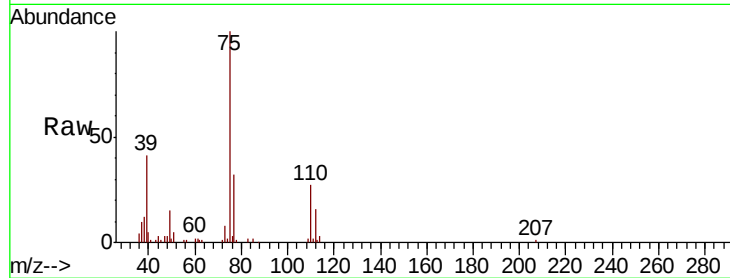
Tot Ion: 75 Resp: 22261

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

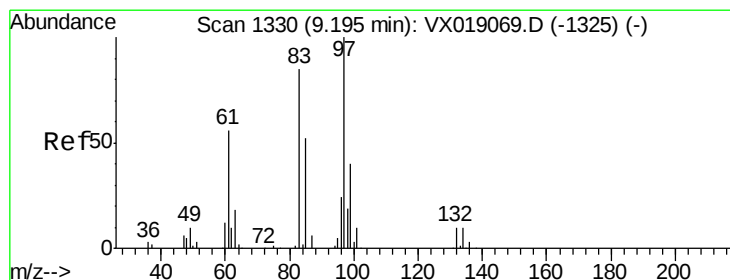
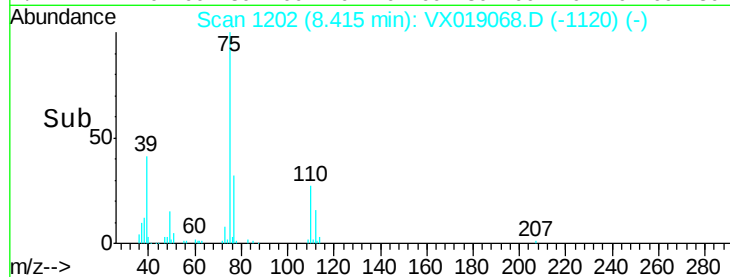
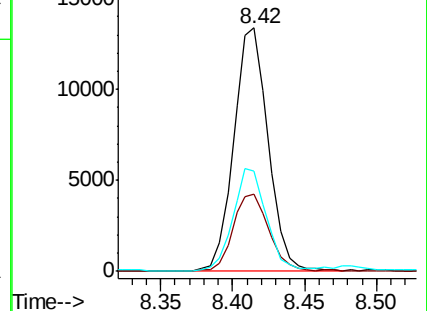
39 41.3 31.0 46.6



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



#50

1,1,2-Trichloroethane

Concen: 4.435 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Tgt Ion: 97 Resp: 13801

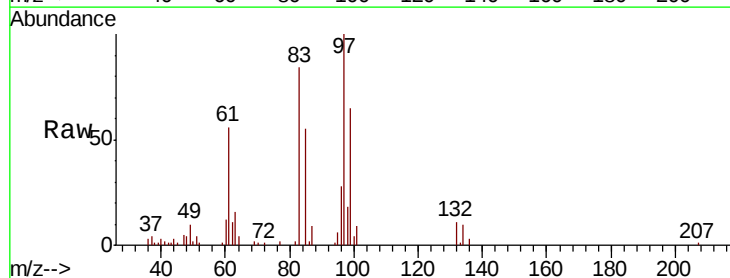
Ion Ratio Lower Upper

97 100

83 84.3 67.8 101.6

85 55.2 43.5 65.3

99 64.9 51.2 76.8

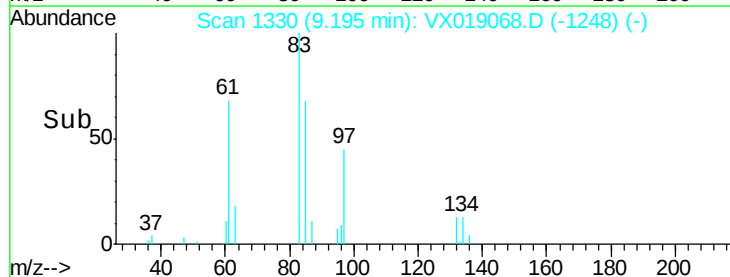
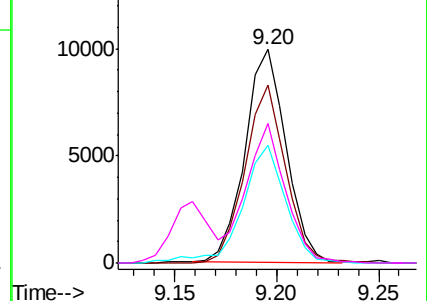


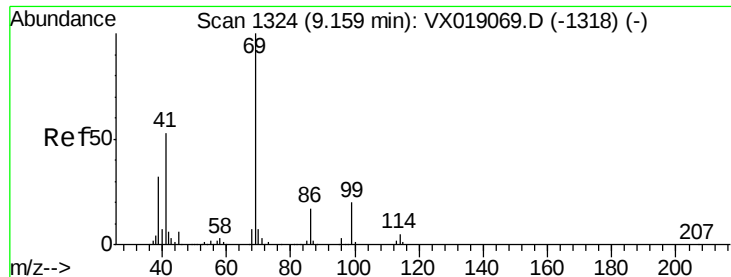
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 4.282 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampled :

BFB

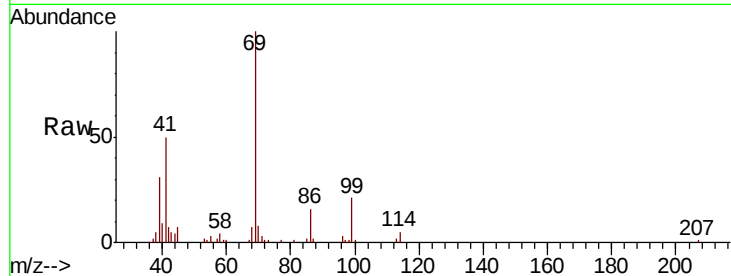
Tot Ion: 69 Resp: 19443

Ion Ratio Lower Upper

69 100

41 49.2 26.5 79.4

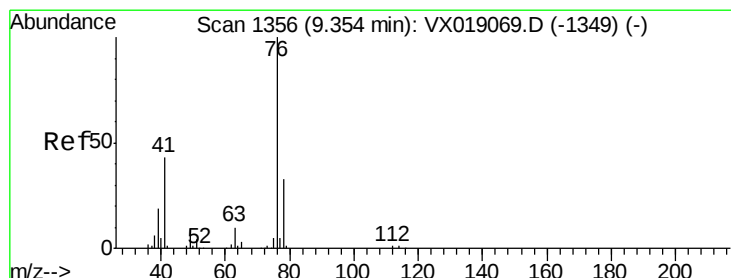
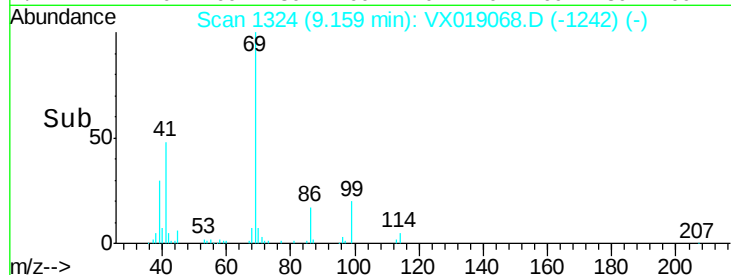
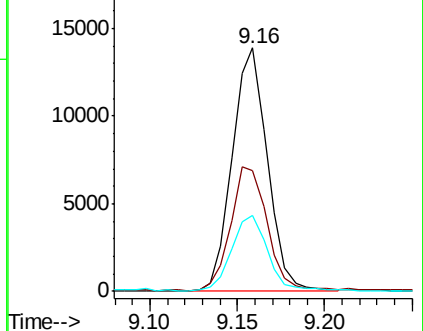
39 31.2 16.2 48.6



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 4.629 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019068.D

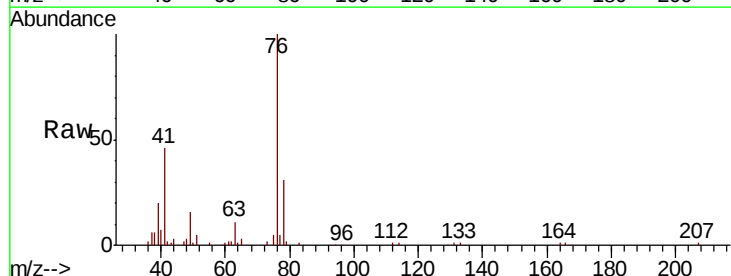
Acq: 23 Oct 2020 09:53

Tgt Ion: 76 Resp: 23465

Ion Ratio Lower Upper

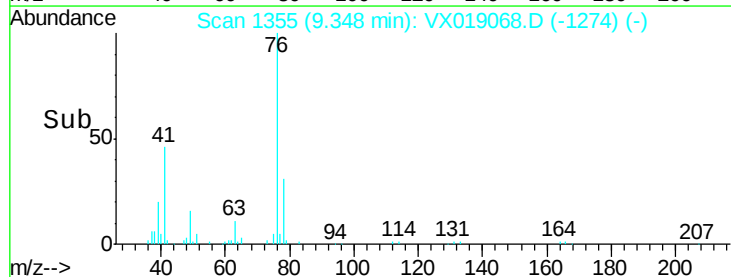
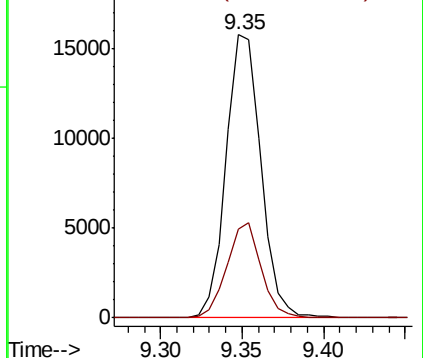
76 100

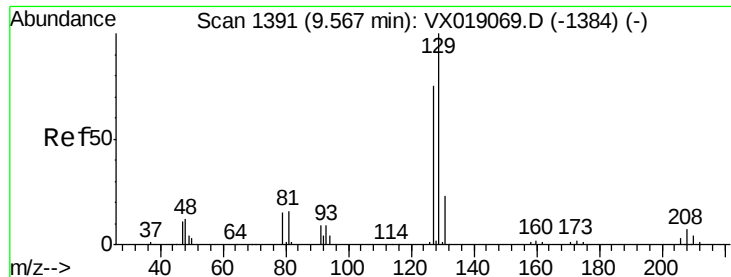
78 32.9 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 4.144 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampled :

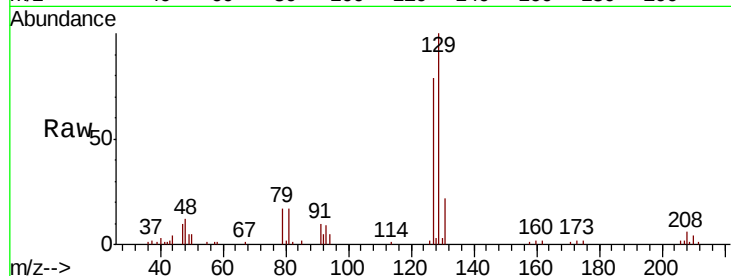
BFB

Tot Ion:129 Resp: 14353

Ion Ratio Lower Upper

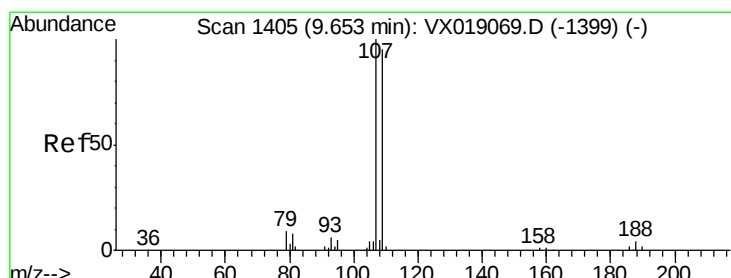
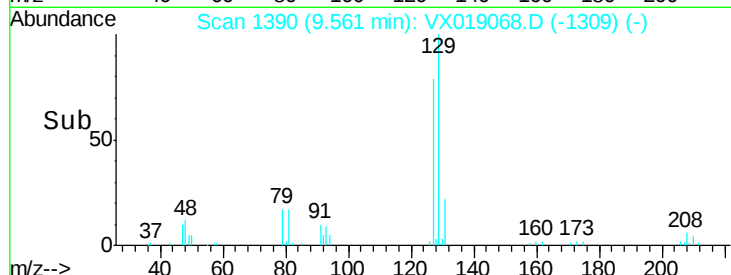
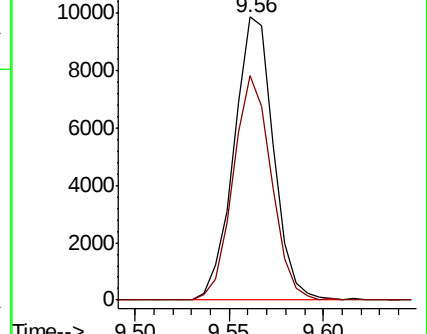
129 100

127 76.3 38.4 115.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 4.574 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019068.D

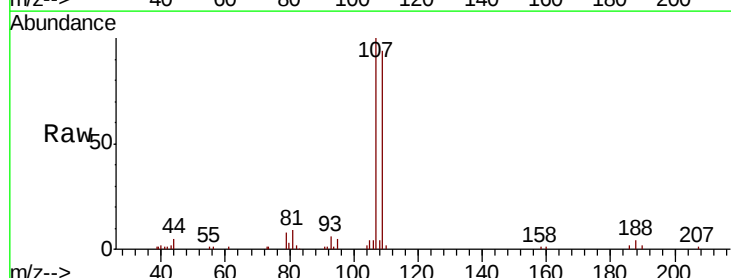
Acq: 23 Oct 2020 09:53

Tgt Ion:107 Resp: 15467

Ion Ratio Lower Upper

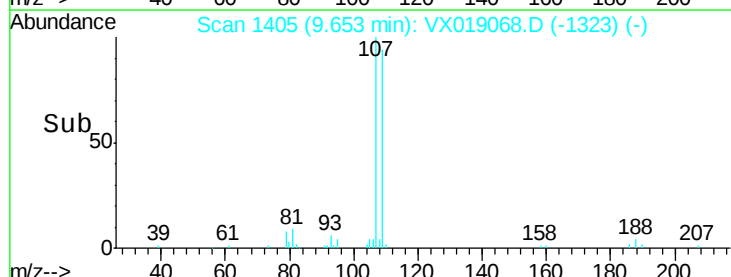
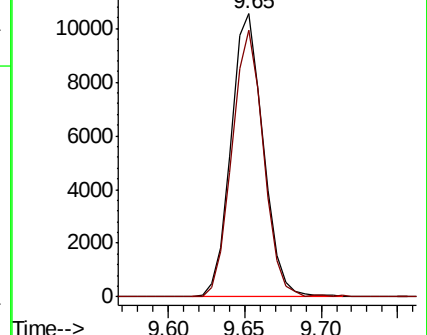
107 100

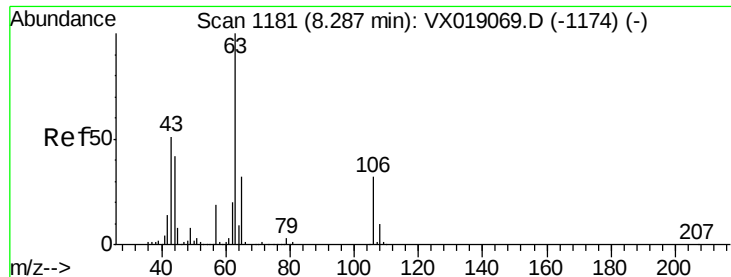
109 91.2 74.6 112.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

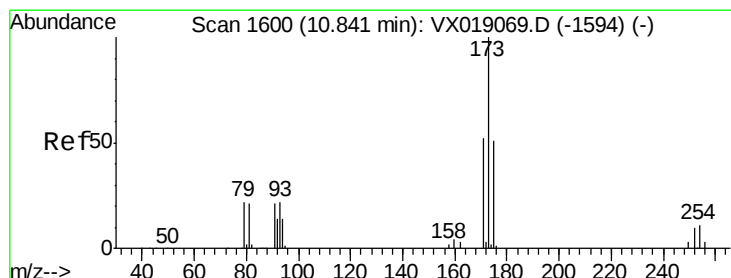
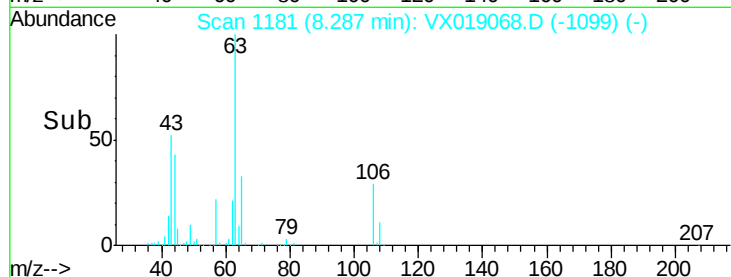
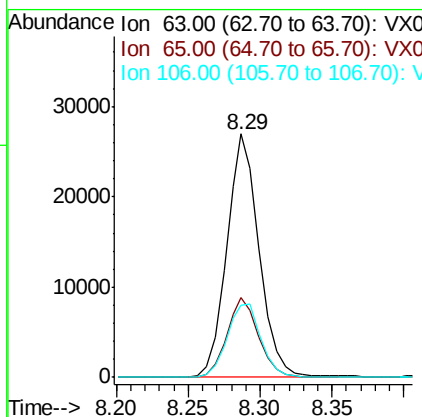
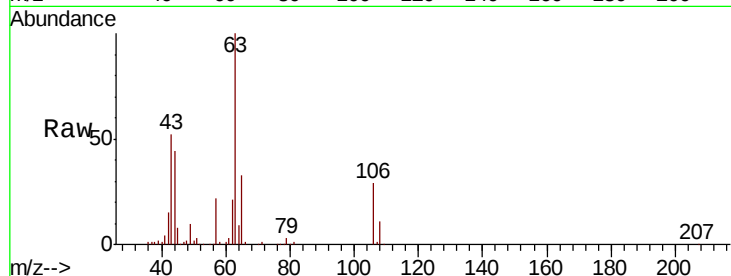




#55
2-Chloroethyl vinyl ether
Concen: 17.433 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

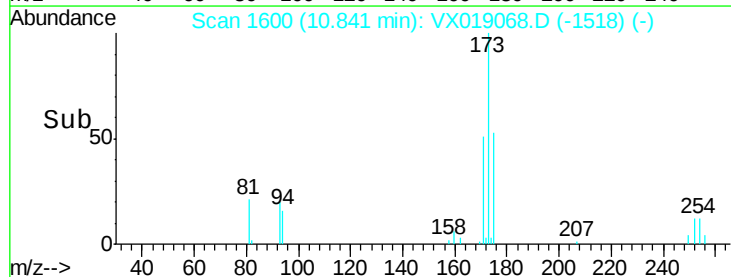
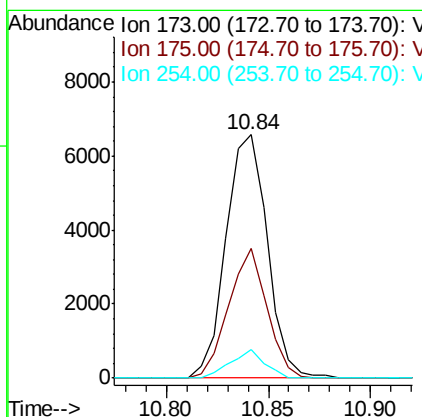
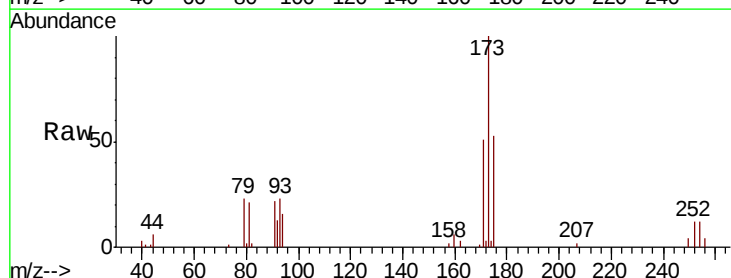
Instrument :
MSVOA_V
ClientSampleId :
BFB

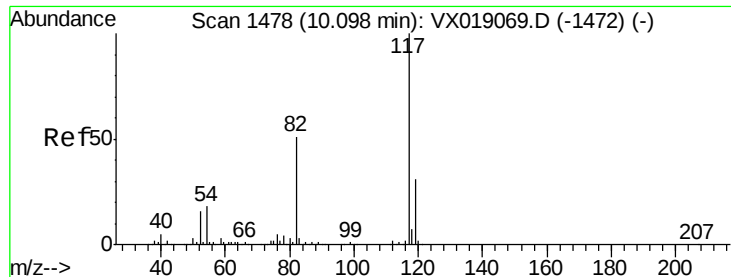
Tot Ion: 63 Resp: 42301
Ion Ratio Lower Upper
63 100
65 32.0 26.0 39.0
106 31.5 25.9 38.9



#56
Bromoform
Concen: 3.813 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion: 173 Resp: 9235
Ion Ratio Lower Upper
173 100
175 49.2 39.6 59.4
254 9.6 8.6 13.0

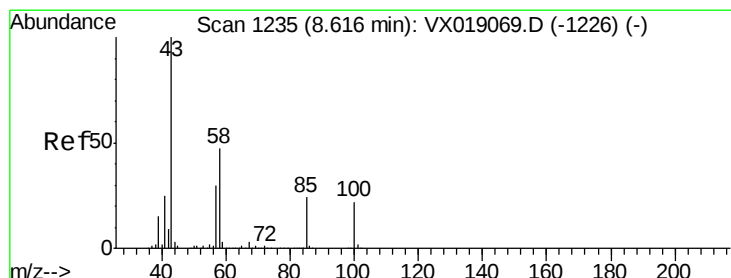
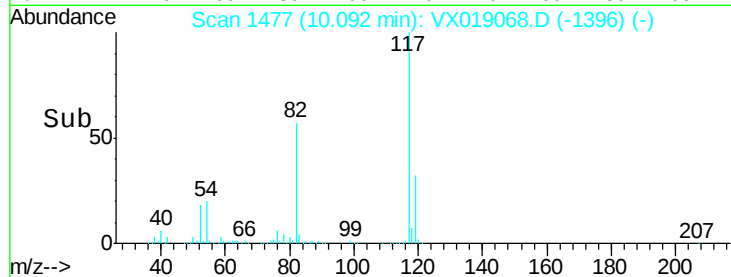
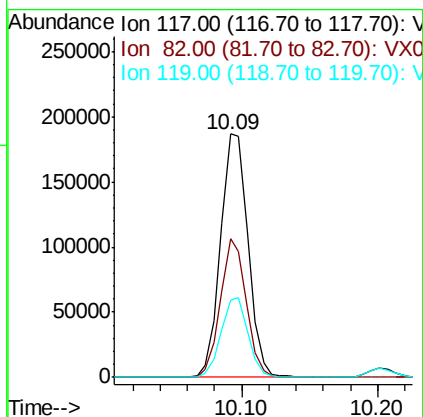
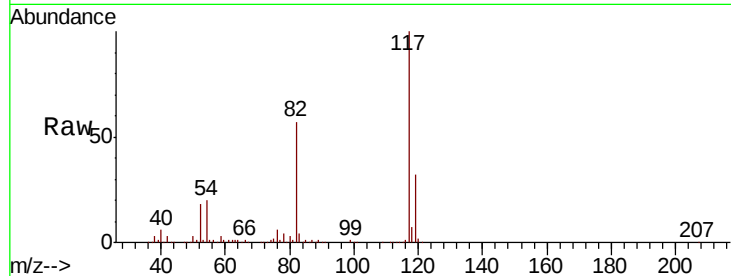




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

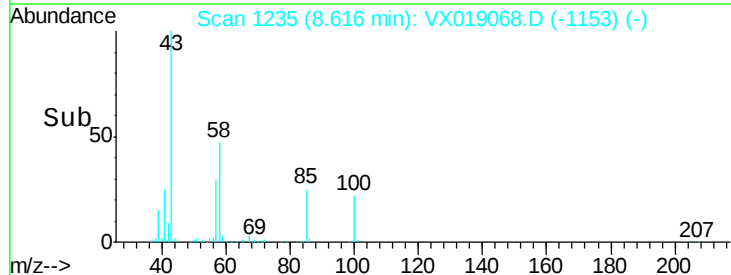
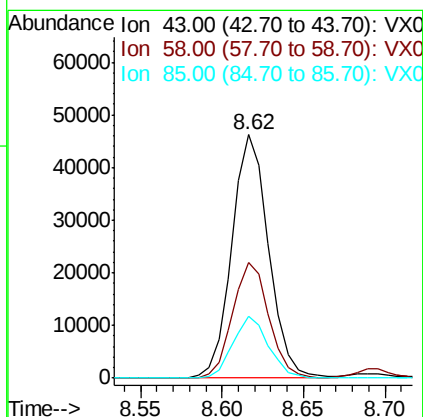
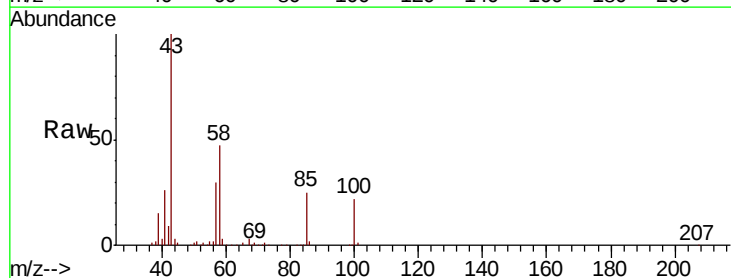
Instrument :
MSVOA_V
ClientSampleId :
BFB

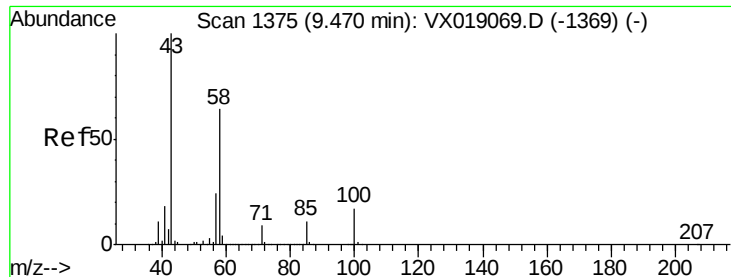
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.5	63.7
119	32.0	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 21.845 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.3	37.6	56.4
85	24.8	19.4	29.2

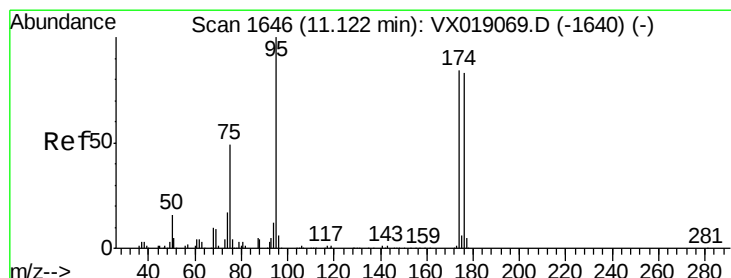
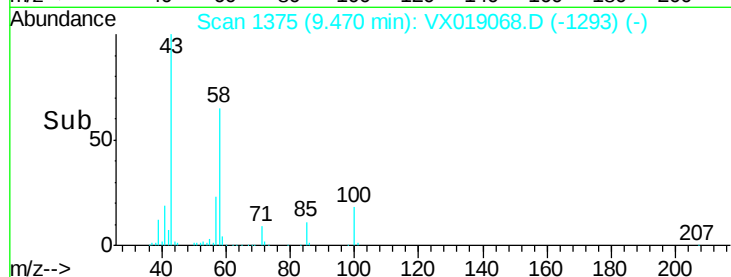
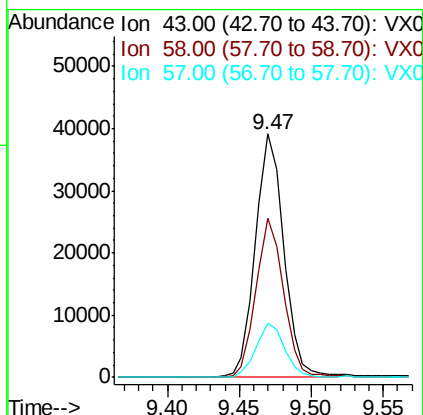
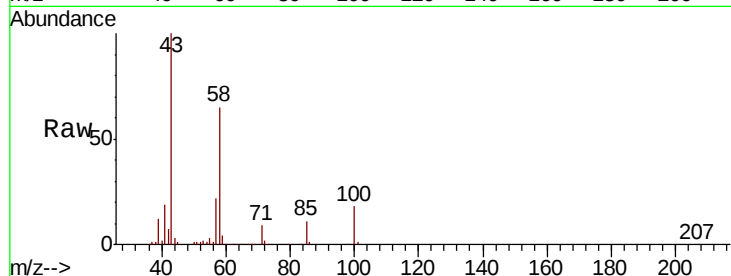




#59
2-Hexanone
Concen: 21.548 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

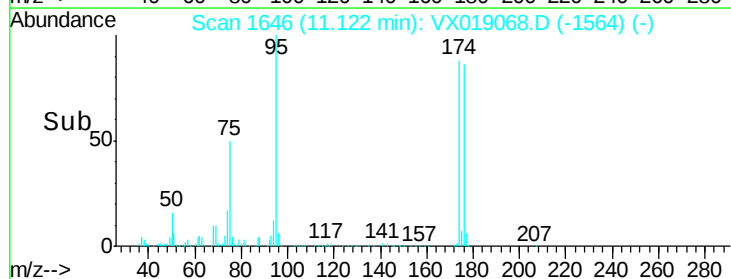
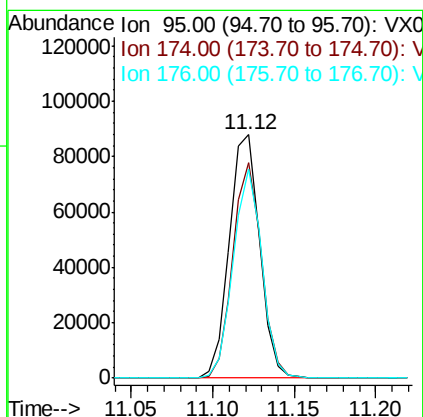
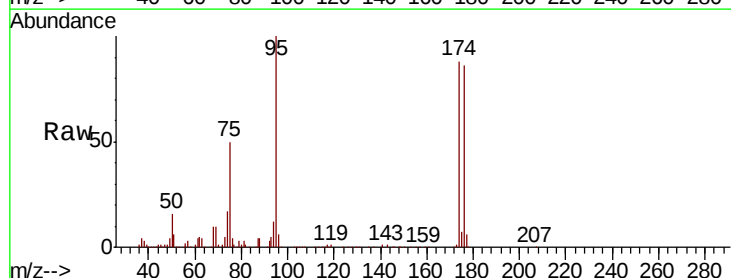
Instrument :
MSVOA_V
ClientSampled :
BFB

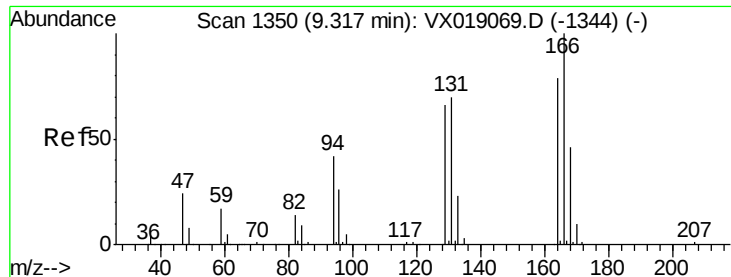
Tot Ion: 43 Resp: 52912
Ion Ratio Lower Upper
43 100
58 64.2 51.9 77.9
57 22.6 18.2 27.4



#60
4-Bromofluorobenzene
Concen: 29.080 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion: 95 Resp: 114047
Ion Ratio Lower Upper
95 100
174 83.4 66.3 99.5
176 81.1 65.5 98.3





#61

Tetrachloroethene

Concen: 4.824 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_V
ClientSampleId :
BFB

Tot Ion:164 Resp: 14953

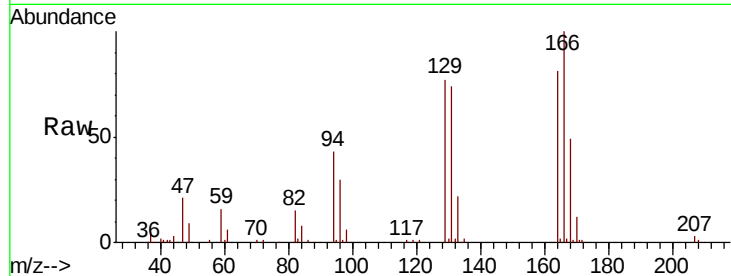
Ion Ratio Lower Upper

164 100

166 123.4 101.9 152.9

129 94.8 67.0 100.6

131 91.9 71.1 106.7

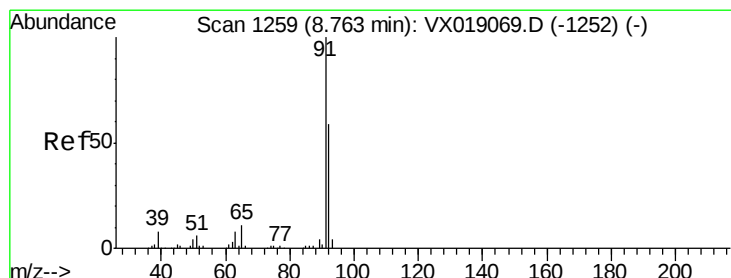
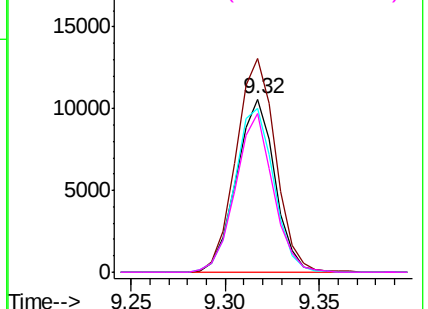
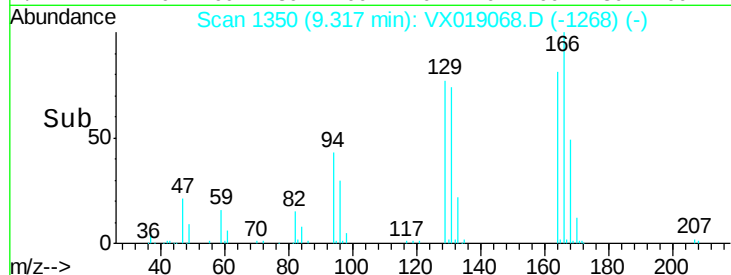


Abundance Ion 163.85 (163.55 to 164.55): V

20000 Ion 165.80 (165.50 to 166.50): V

15000 Ion 128.90 (128.60 to 129.60): V

10000 Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 4.741 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019068.D

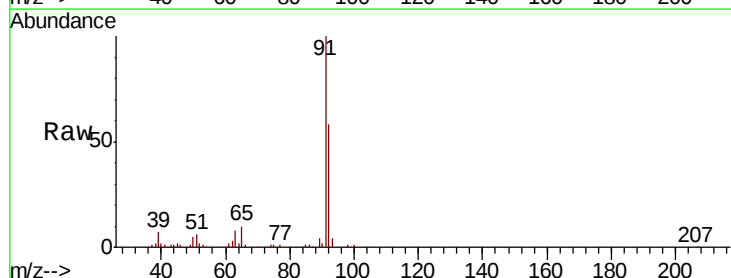
Acq: 23 Oct 2020 09:53

Tgt Ion: 91 Resp: 65111

Ion Ratio Lower Upper

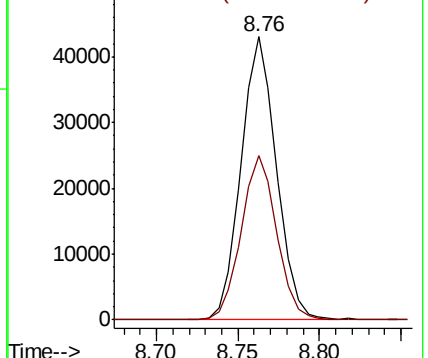
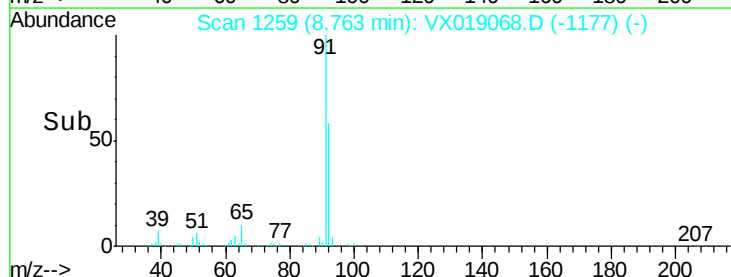
91 100

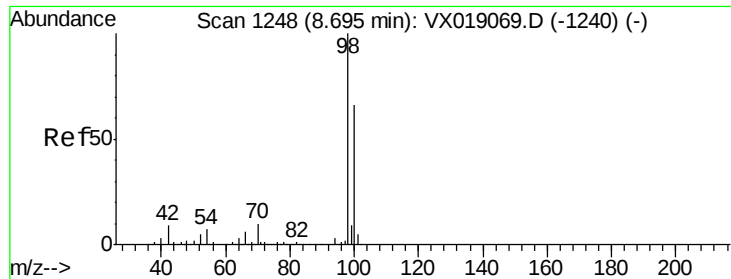
92 58.3 47.3 70.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

50000 Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.153 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampleId :

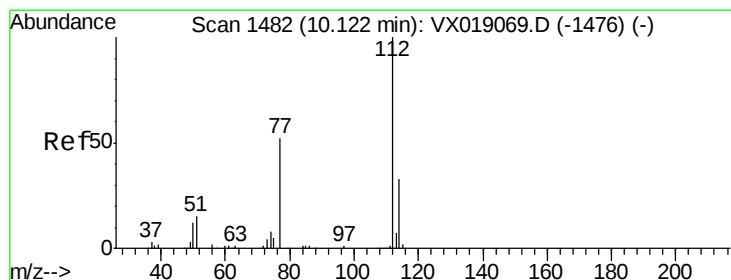
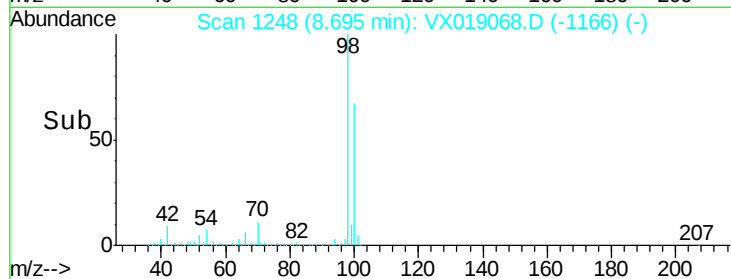
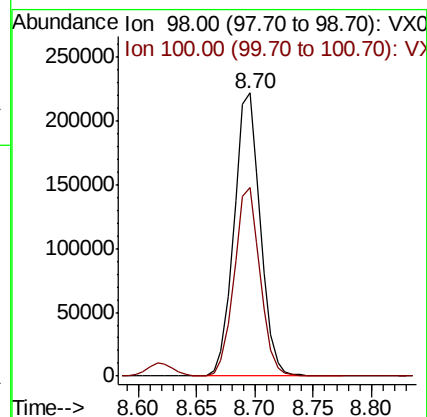
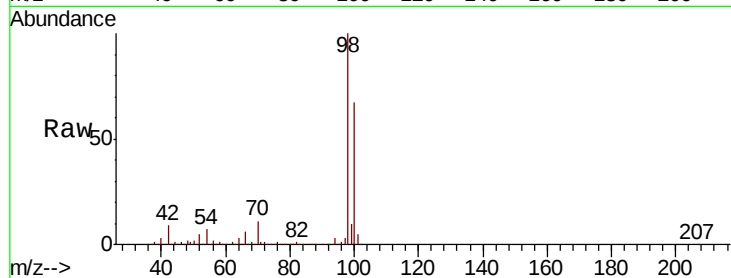
BFB

Tot Ion: 98 Resp: 347862

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4



#64

Chlorobenzene

Concen: 4.591 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019068.D

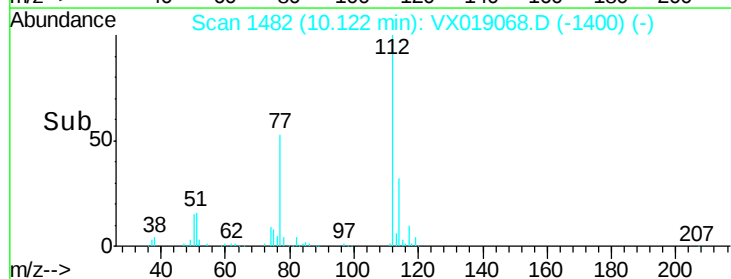
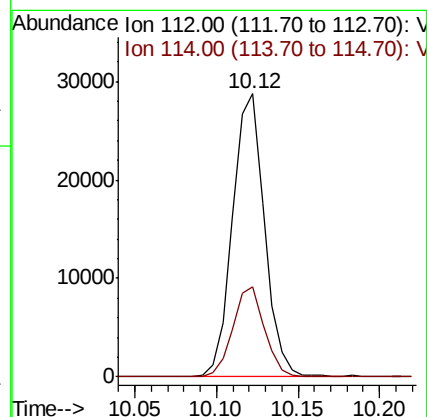
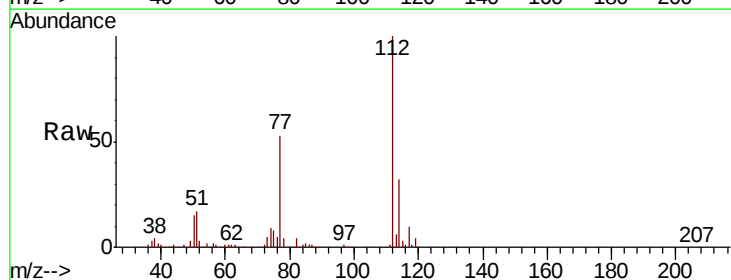
Acq: 23 Oct 2020 09:53

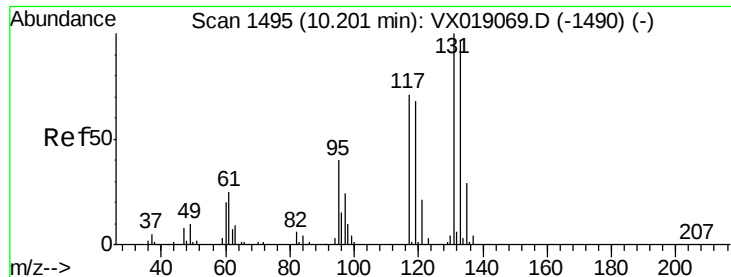
Tgt Ion: 112 Resp: 39191

Ion Ratio Lower Upper

112 100

114 31.7 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 4.342 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampled :

BFB

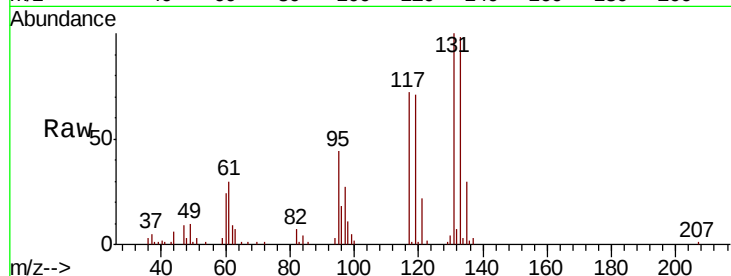
Tot Ion:131 Resp: 13482

Ion Ratio Lower Upper

131 100

133 95.4 0.0 191.6

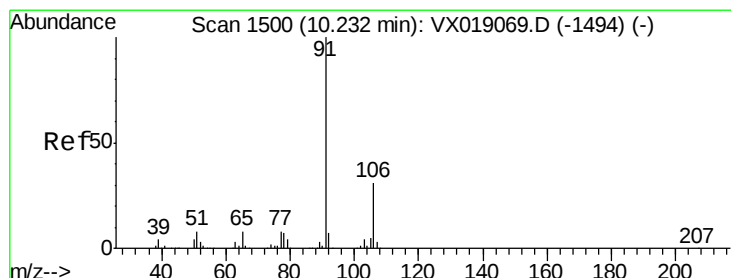
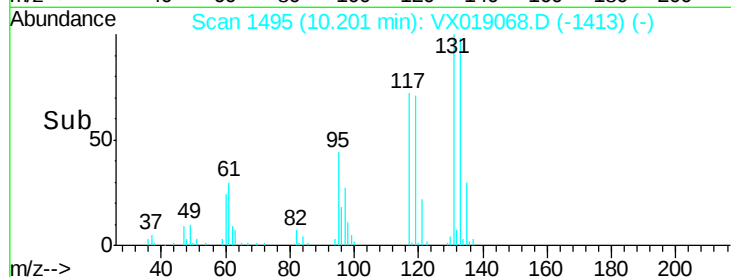
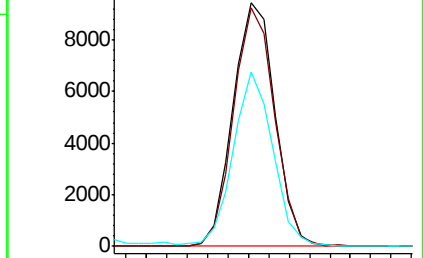
119 67.5 0.0 130.0



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: 4.660 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019068.D

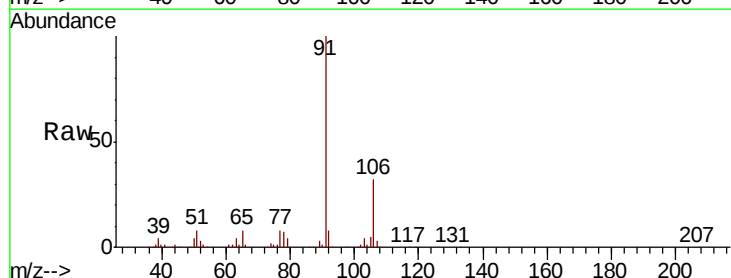
Acq: 23 Oct 2020 09:53

Tgt Ion: 91 Resp: 70164

Ion Ratio Lower Upper

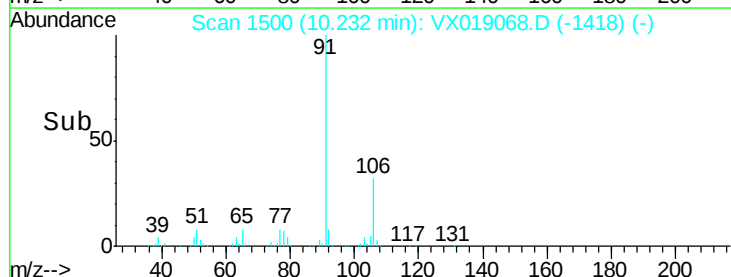
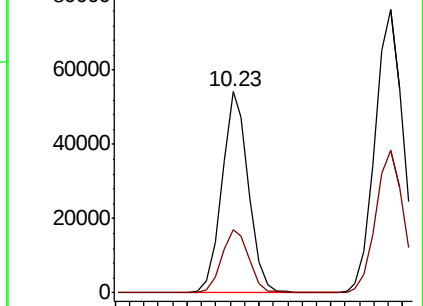
91 100

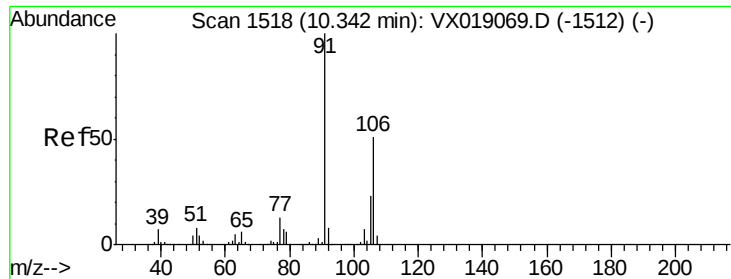
106 31.5 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 8.848 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampled :

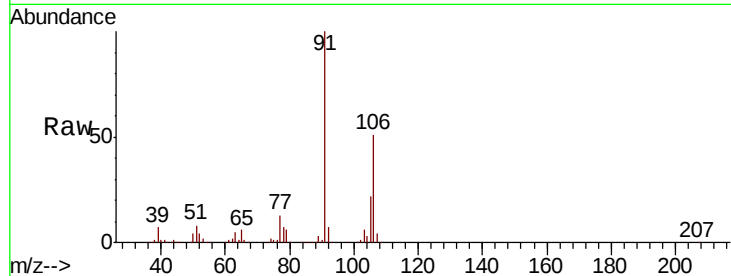
BFB

Tot Ion:106 Resp: 50802

Ion Ratio Lower Upper

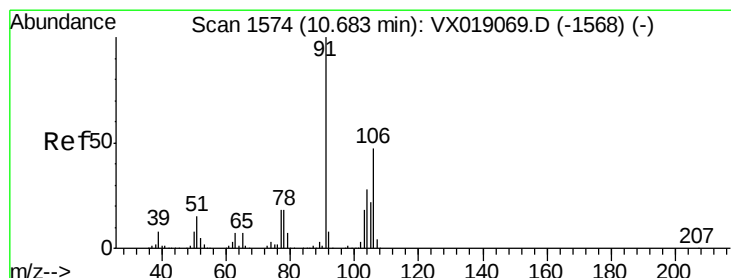
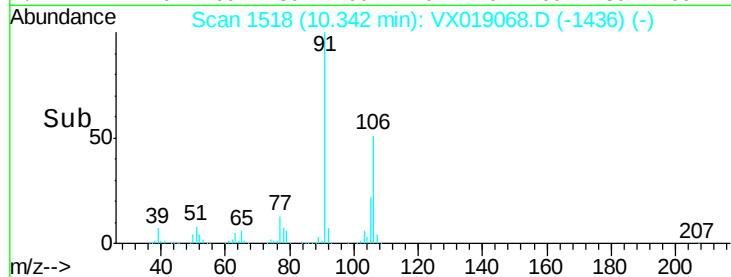
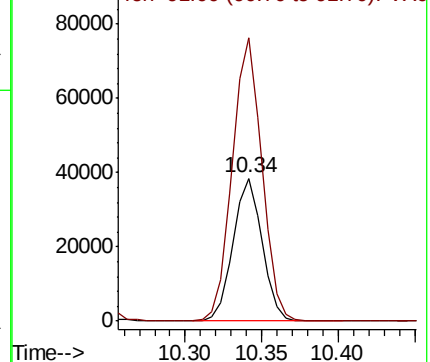
106 100

91 200.8 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 4.441 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX019068.D

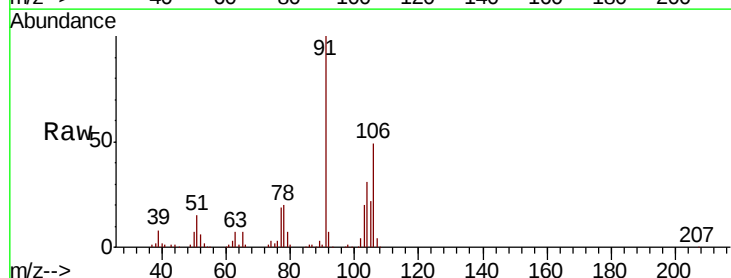
Acq: 23 Oct 2020 09:53

Tgt Ion:106 Resp: 24321

Ion Ratio Lower Upper

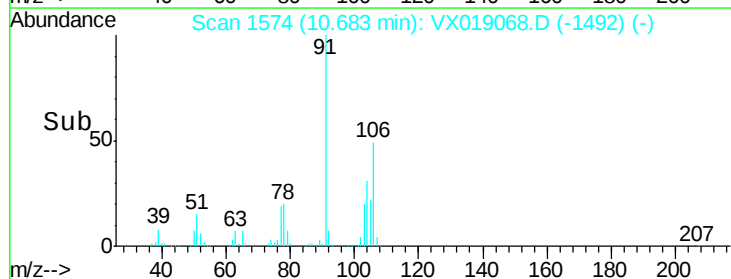
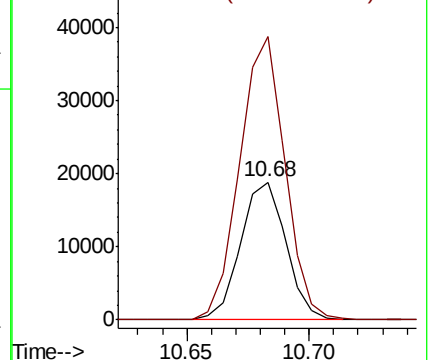
106 100

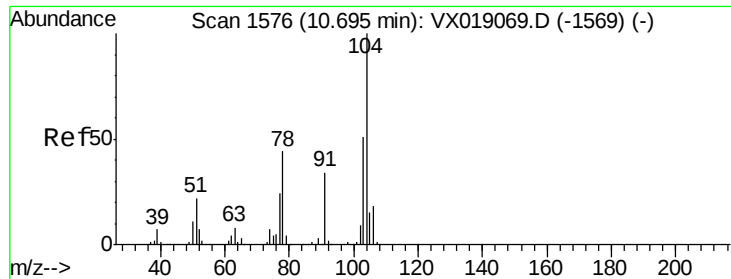
91 205.7 103.8 311.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

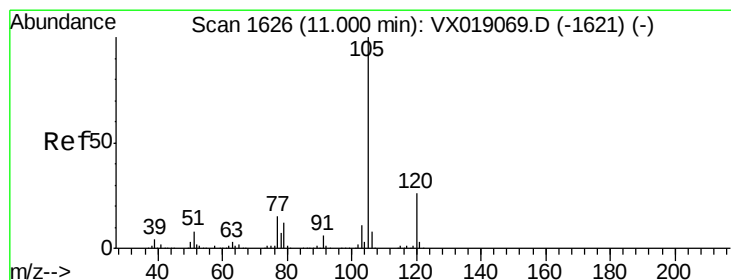
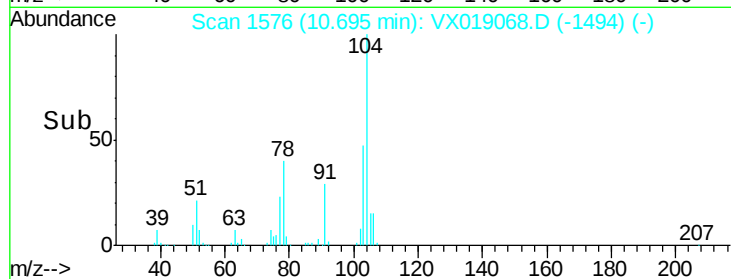
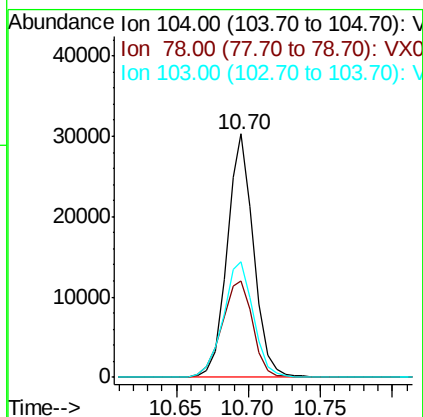
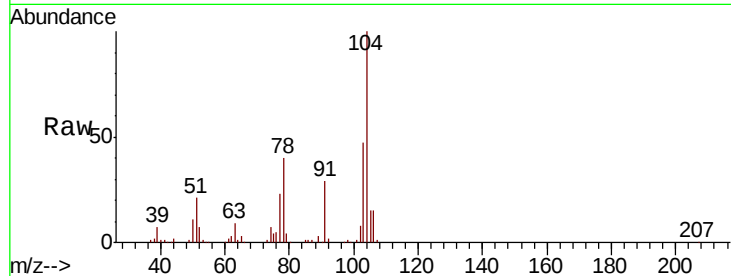




#69
Stvrene
Concen: 4.234 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

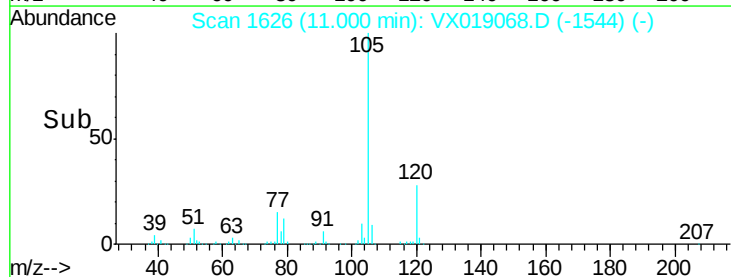
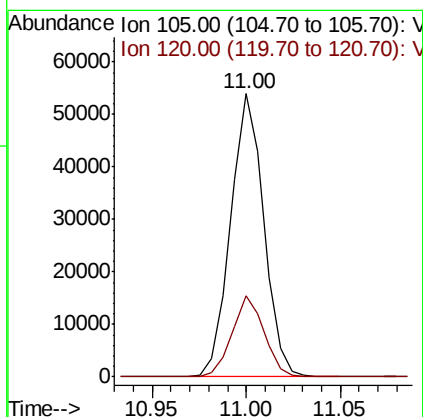
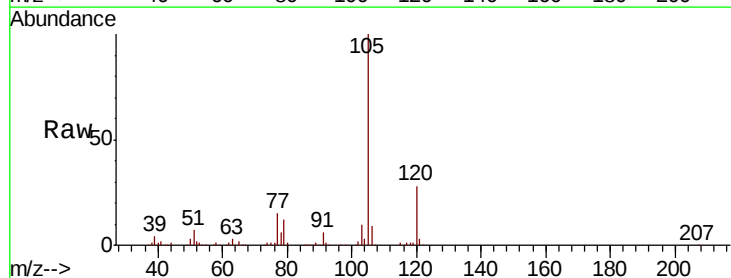
Instrument :
MSVOA_V
ClientSampled :
BFB

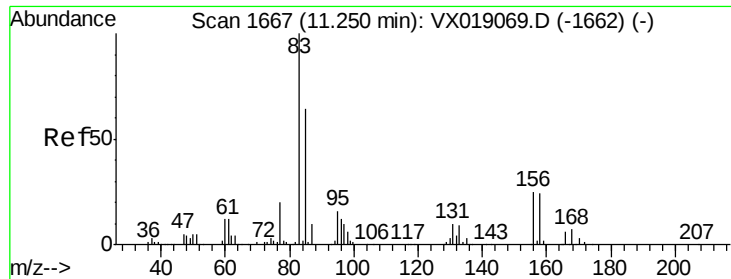
Tot Ion	Ratio	Lower	Upper
104	100		
78	46.5	38.6	58.0
103	54.2	43.4	65.2



#70
Isopropylbenzene
Concen: 4.465 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	19.0	35.4

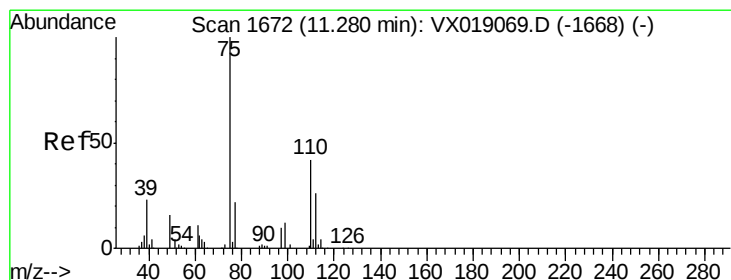
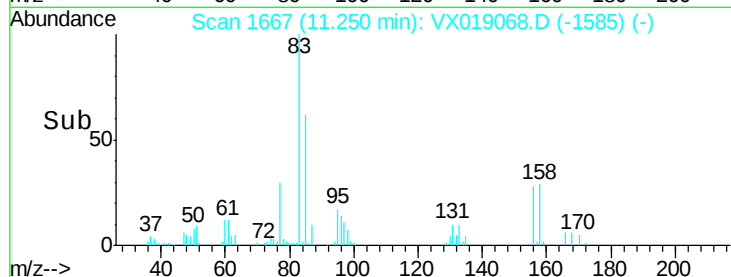
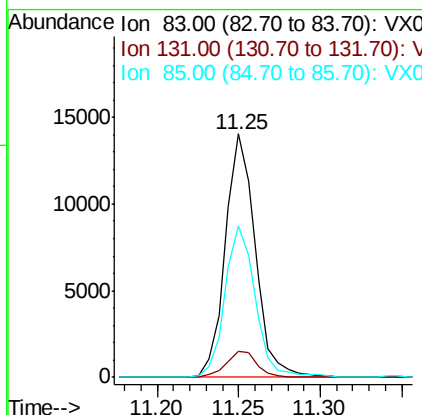
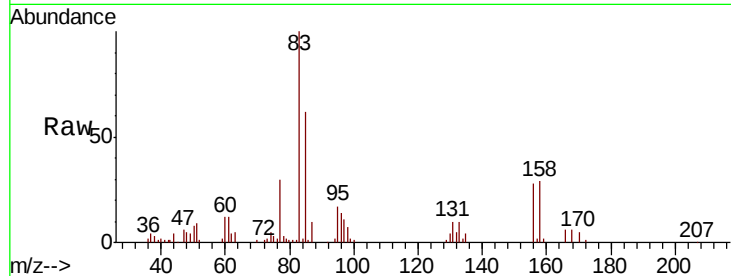




#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.224 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

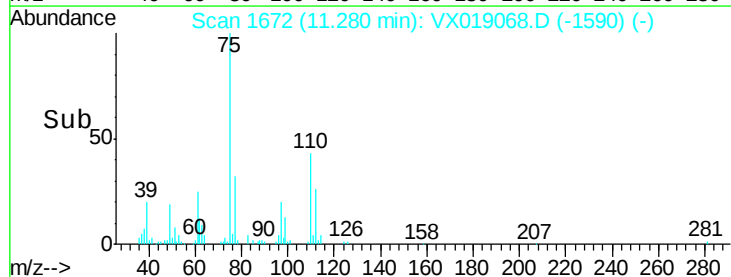
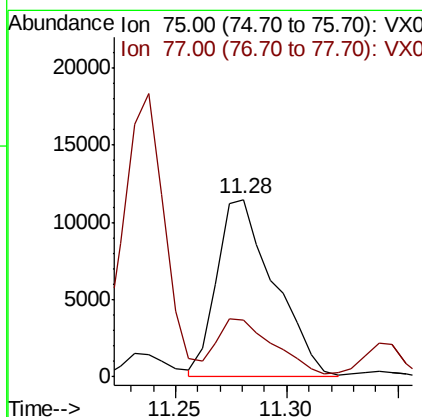
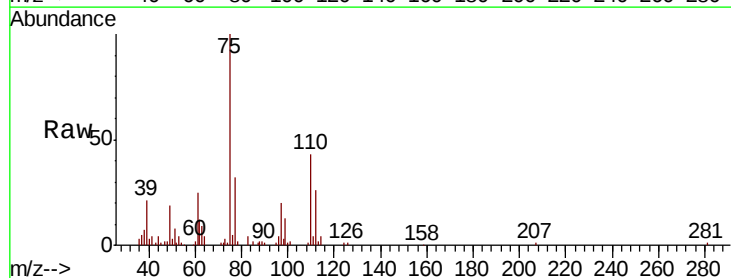
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB

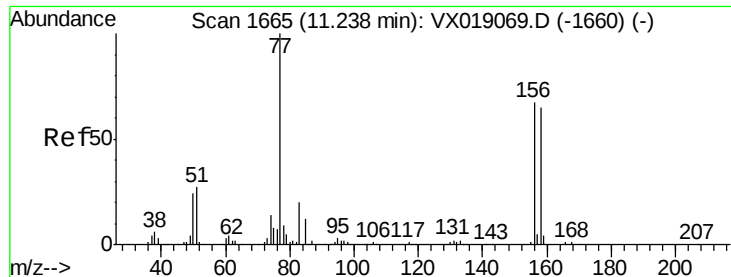
Tot Ion: 83 Resp: 17957
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.2 15.6
 85 63.0 32.5 97.4



#72
 1,2,3-Trichloropropane
 Concen: 5.373 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Tgt Ion: 75 Resp: 20540
 Ion Ratio Lower Upper
 75 100
 77 31.3 0.0 81.8





#73

Bromobenzene

Concen: 4.378 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampleId :

BFB

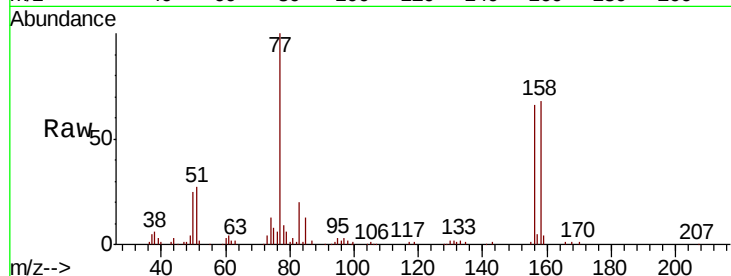
Tot Ion:156 Resp: 15754

Ion Ratio Lower Upper

156 100

77 148.1 0.0 299.6

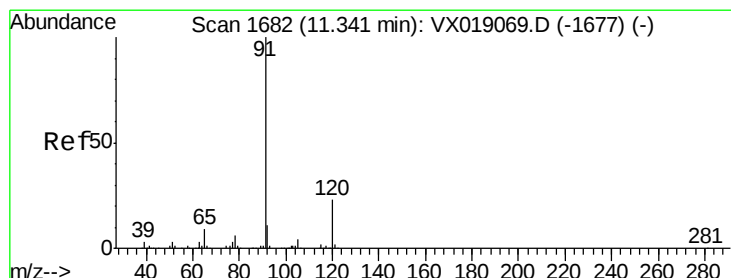
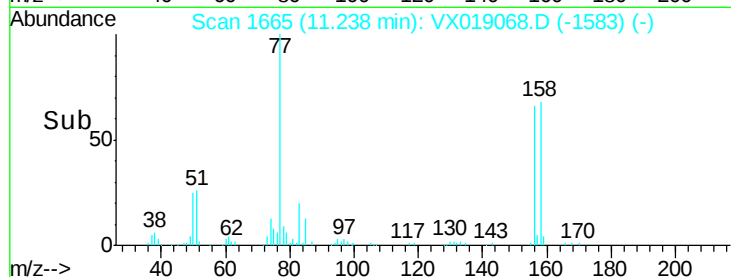
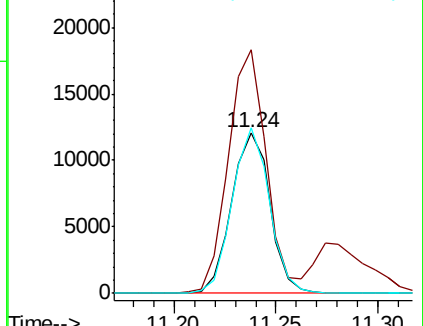
158 99.3 0.0 192.2



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



#74

n-propylbenzene

Concen: 4.457 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019068.D

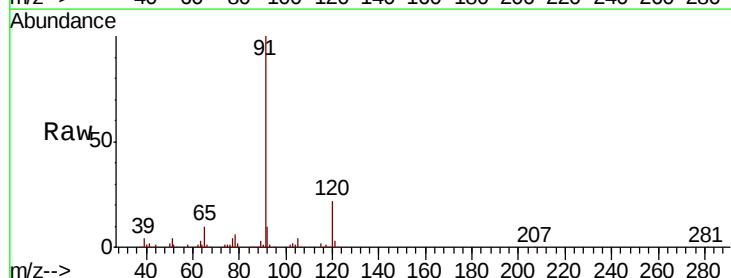
Acq: 23 Oct 2020 09:53

Tgt Ion: 91 Resp: 74310

Ion Ratio Lower Upper

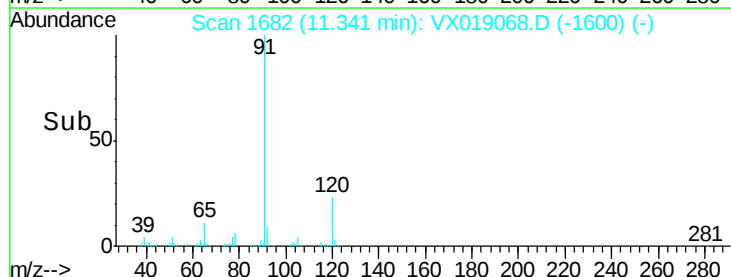
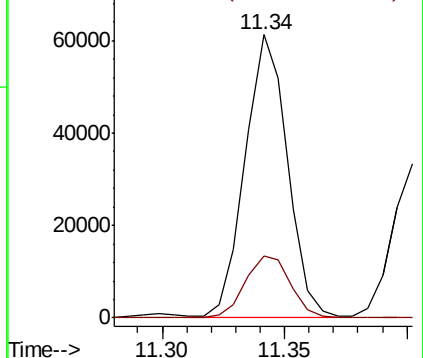
91 100

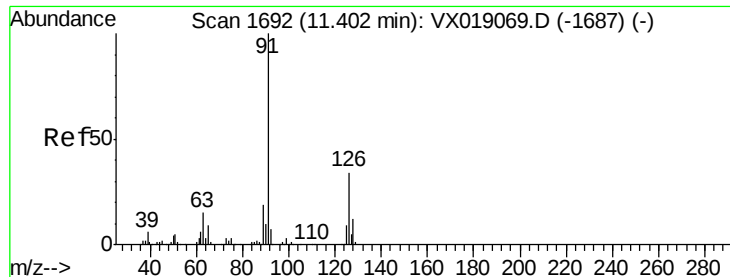
120 23.4 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

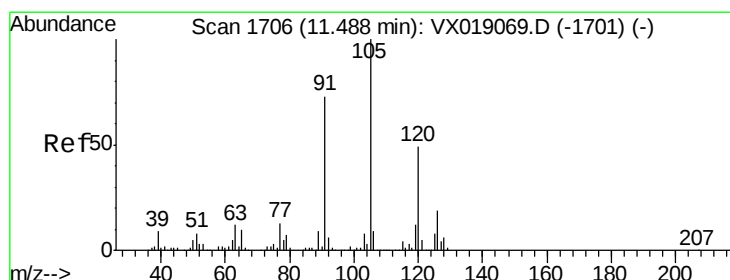
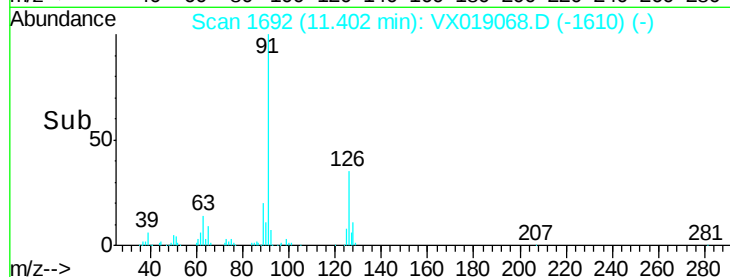
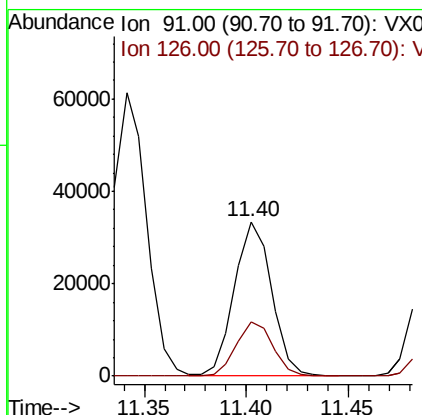
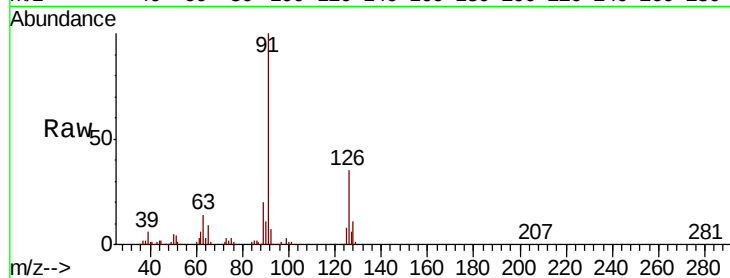




#75
 2-Chlorotoluene
 Concen: 4.515 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

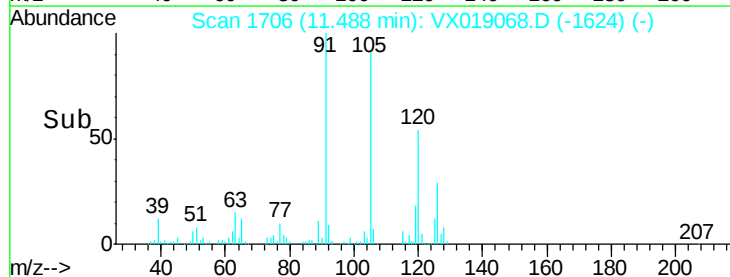
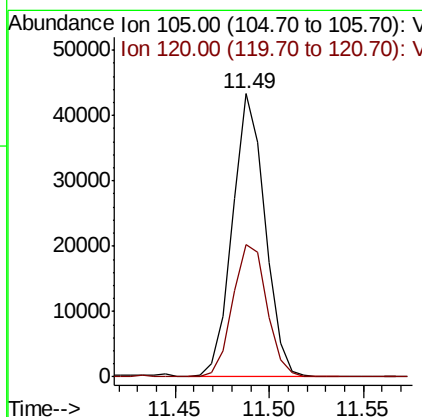
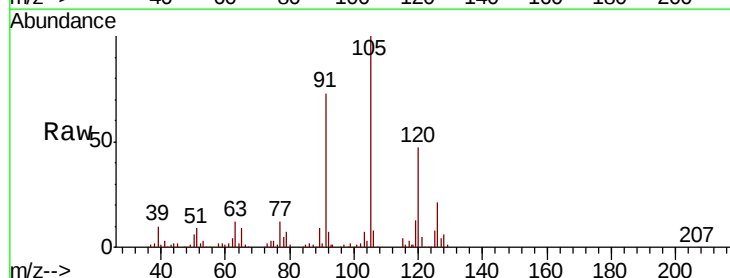
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB

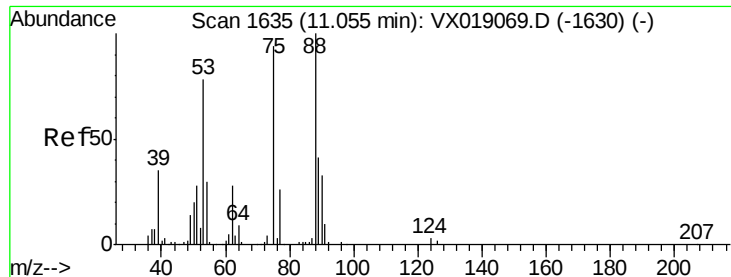
Tot Ion: 91 Resp: 42577
 Ion Ratio Lower Upper
 91 100
 126 34.2 0.0 69.0



#76
 1,3,5-Trimethylbenzene
 Concen: 4.363 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Tgt Ion: 105 Resp: 52135
 Ion Ratio Lower Upper
 105 100
 120 49.0 0.0 100.2





#77

t-1,4-Dichloro-2-butene

Concen: 3.904 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampled :

BFB

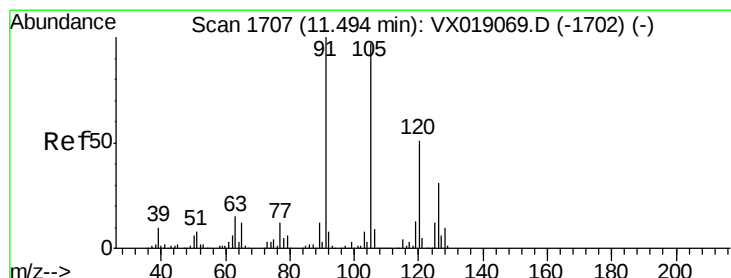
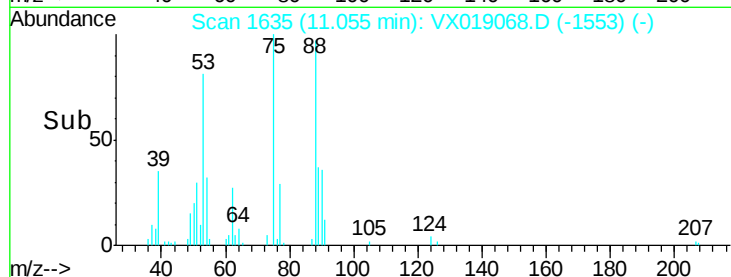
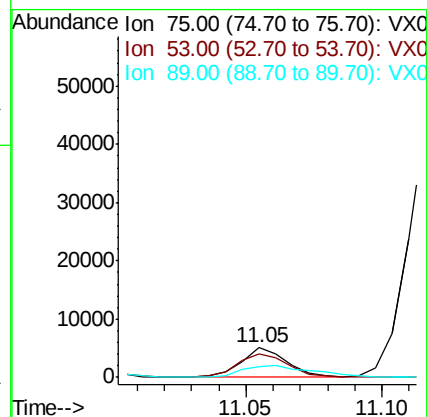
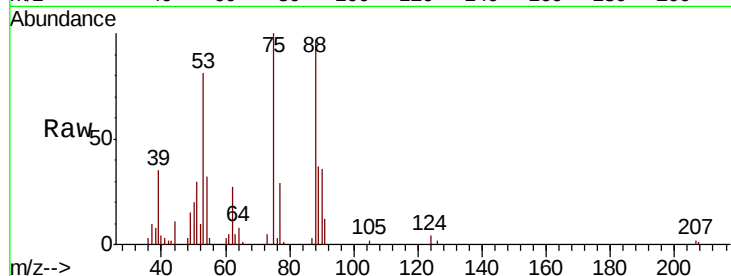
Tot Ion: 75 Resp: 5927

Ion Ratio Lower Upper

75 100

53 80.7 41.6 124.8

89 37.2 21.8 65.3



#78

4-Chlorotoluene

Concen: 4.436 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019068.D

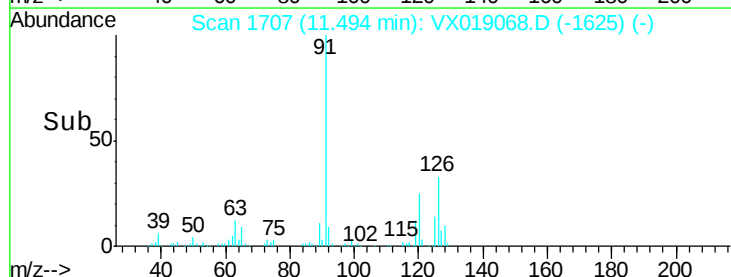
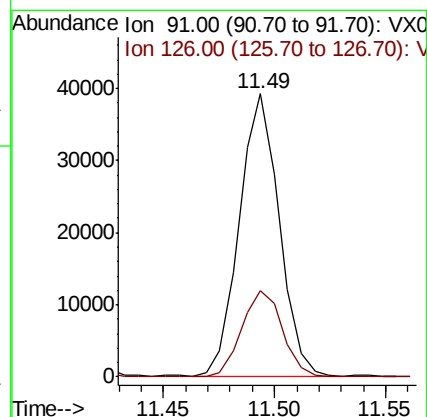
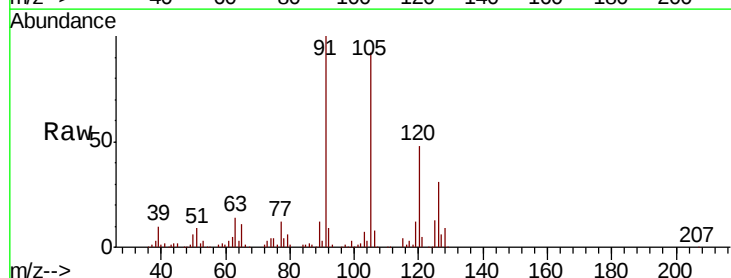
Acq: 23 Oct 2020 09:53

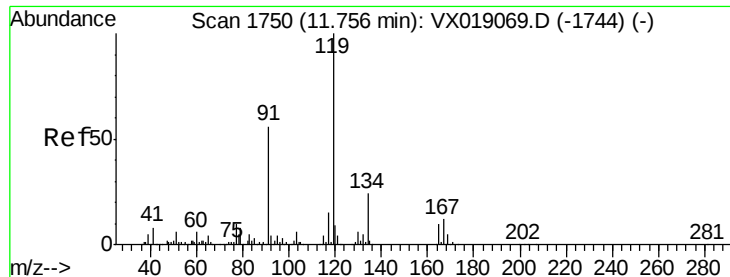
Tgt Ion: 91 Resp: 49163

Ion Ratio Lower Upper

91 100

126 31.1 0.0 61.2





#79

tert-butylbenzene

Concen: 4.312 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampleId :

BFB

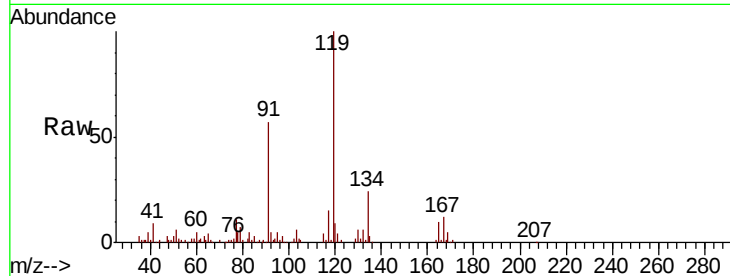
Tot Ion:119 Resp: 50739

Ion Ratio Lower Upper

119 100

91 56.8 0.0 111.4

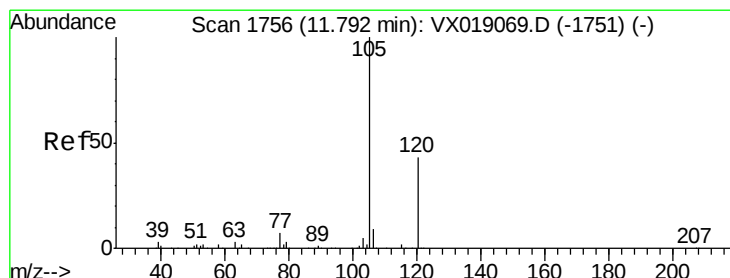
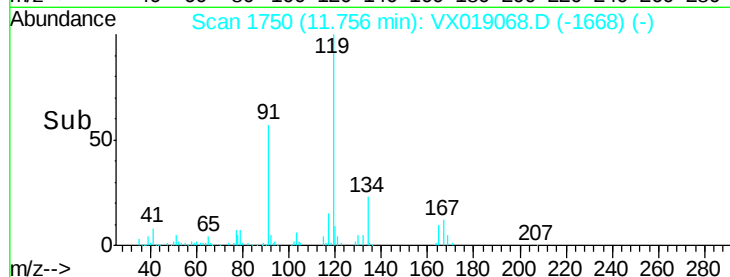
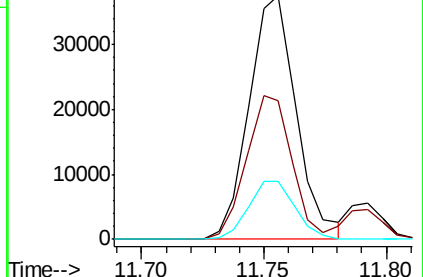
134 23.8 0.0 47.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 4.415 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019068.D

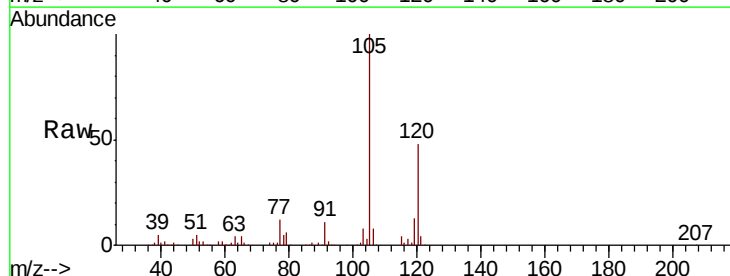
Acq: 23 Oct 2020 09:53

Tgt Ion:105 Resp: 52443

Ion Ratio Lower Upper

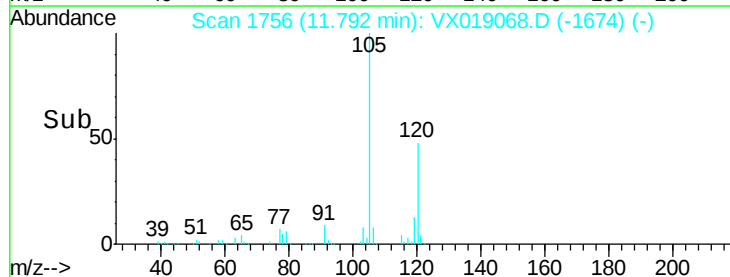
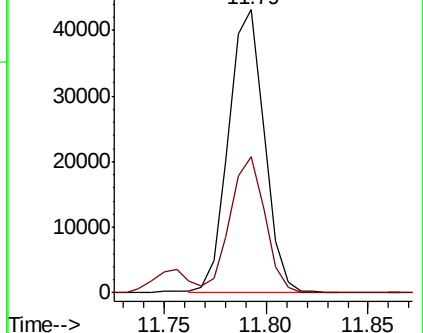
105 100

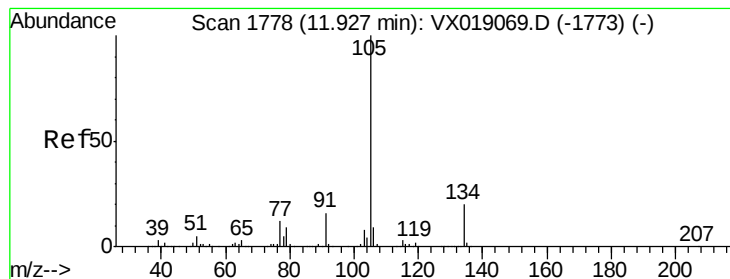
120 46.9 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 4.349 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampled :

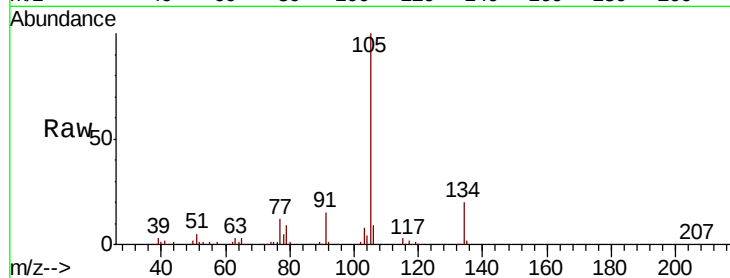
BFB

Tot Ion:105 Resp: 60544

Ion Ratio Lower Upper

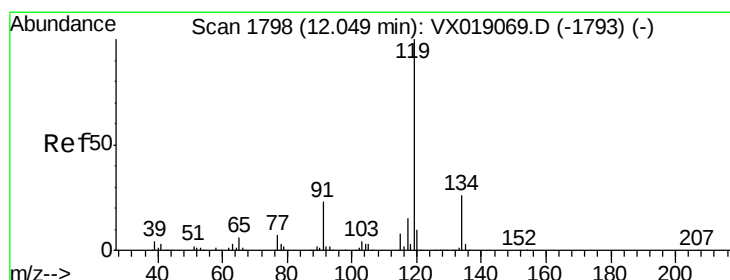
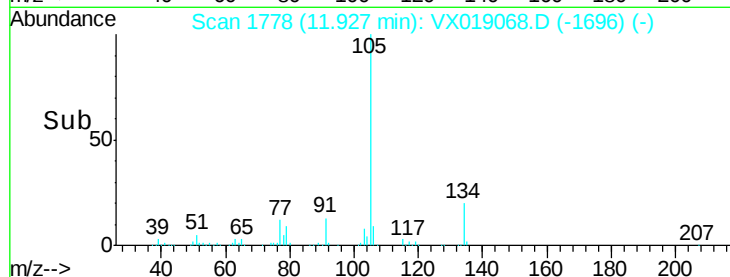
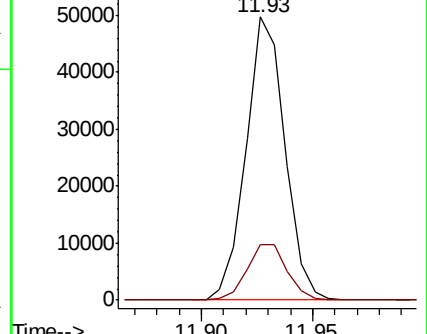
105 100

134 20.5 0.0 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 4.310 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

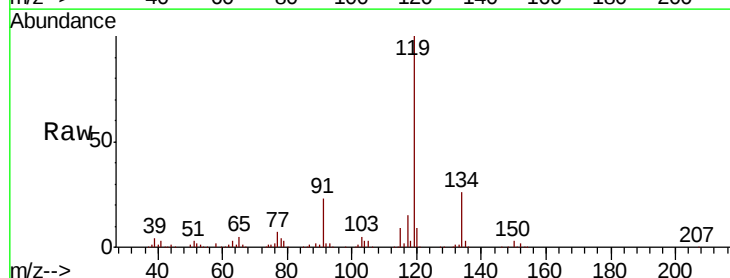
Tgt Ion:119 Resp: 55300

Ion Ratio Lower Upper

119 100

134 25.7 0.0 52.0

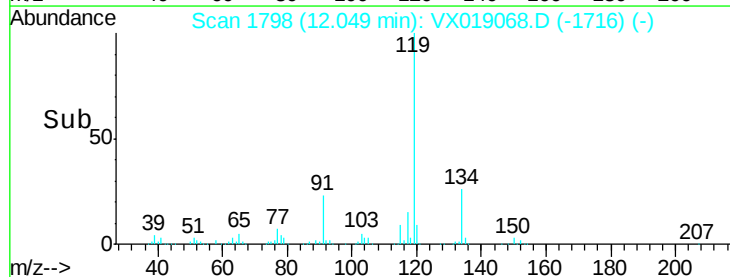
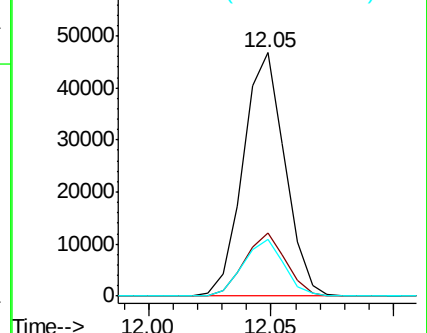
91 22.8 0.0 45.6

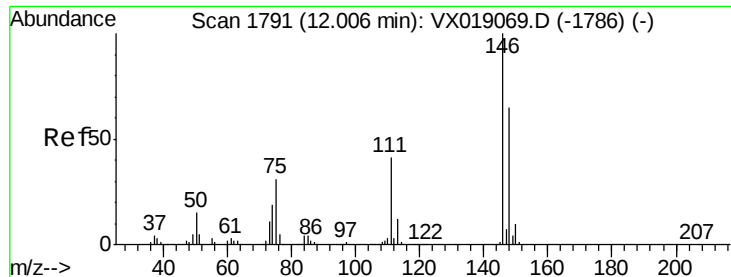


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

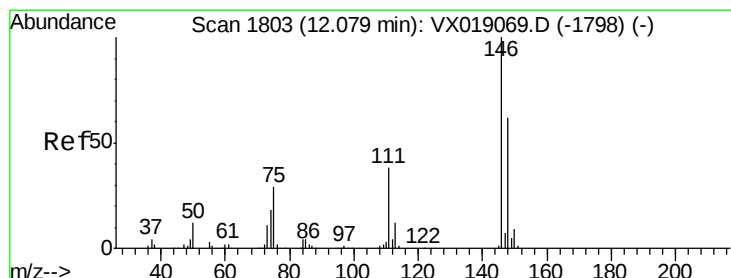
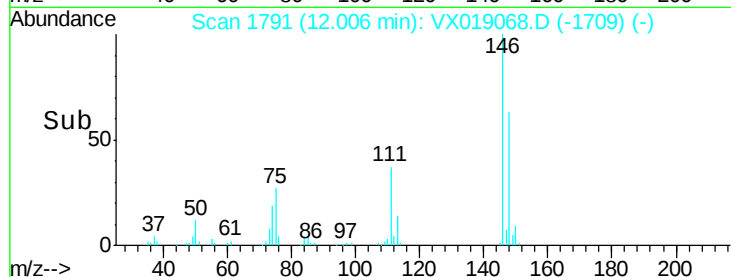
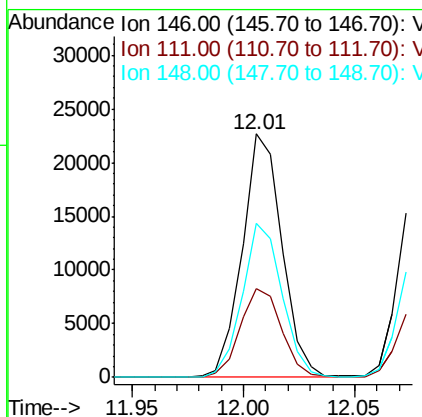
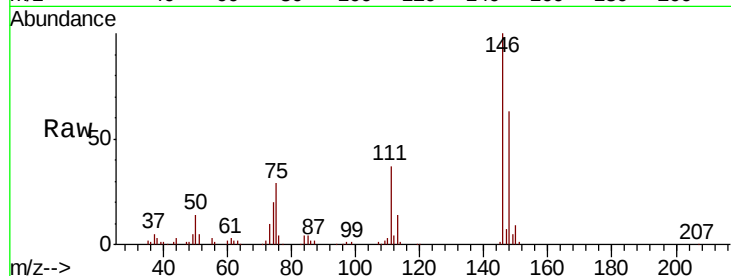




#83
 1,3-Dichlorobenzene
 Concen: 4.394 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

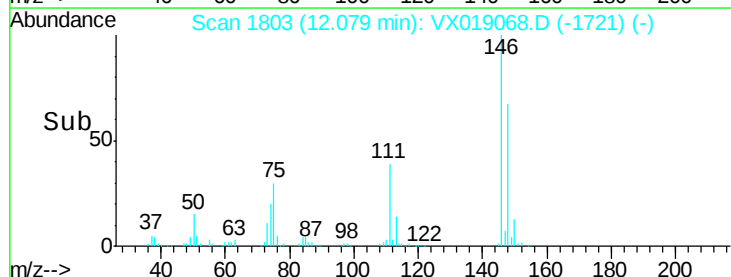
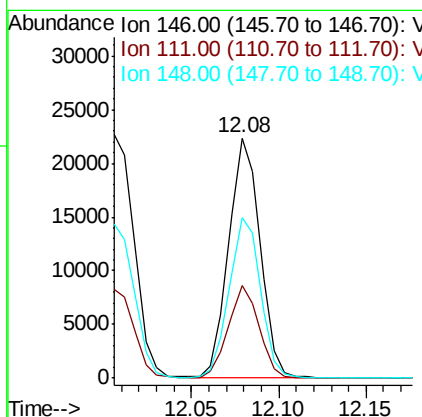
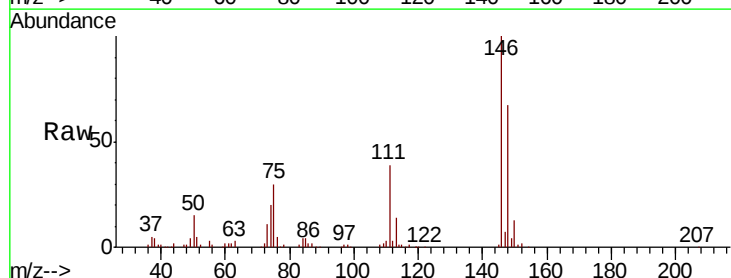
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB

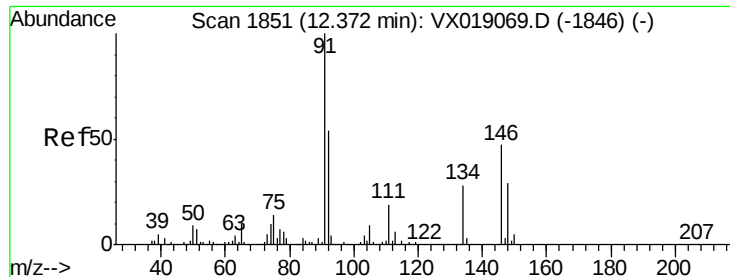
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	20.0	59.9
148	63.4	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 4.305 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	66.7	31.6	95.0

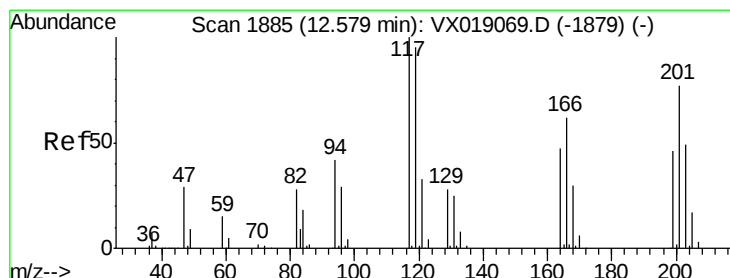
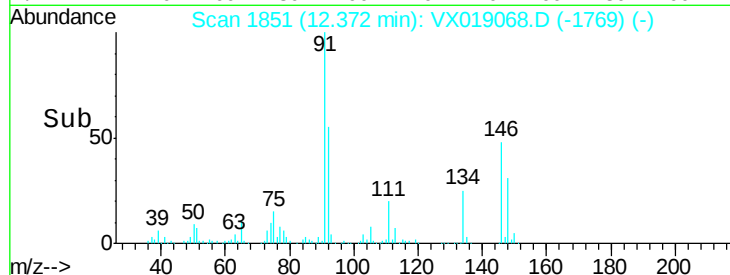
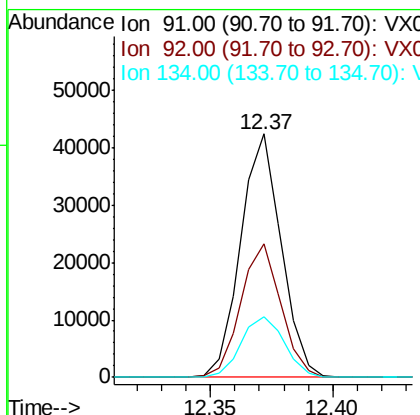
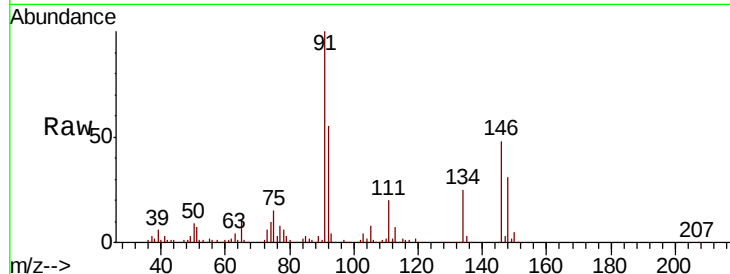




#85
n-Butylbenzene
Concen: 4.247 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

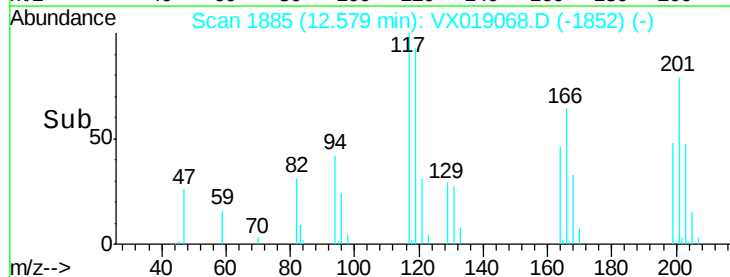
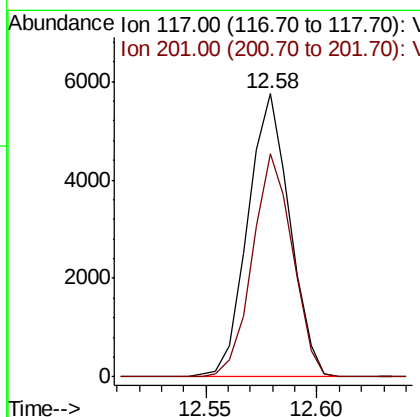
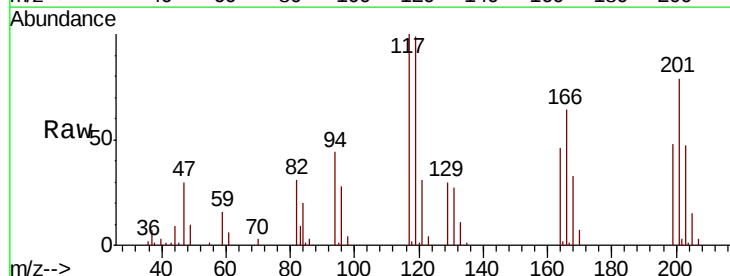
Instrument :
MSVOA_V
ClientSampled :
BFB

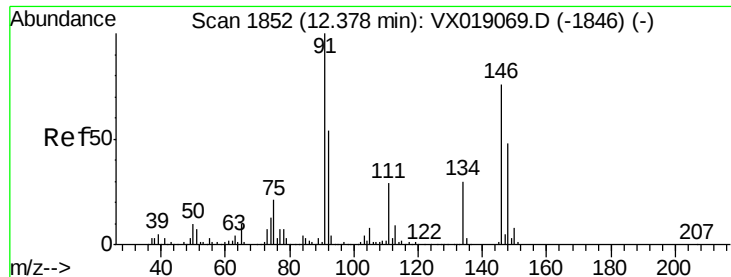
Tot Ion: 91 Resp: 48787
Ion Ratio Lower Upper
91 100
92 54.4 0.0 107.4
134 26.7 0.0 54.6



#86
Hexachloroethane
Concen: 3.832 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion: 117 Resp: 7552
Ion Ratio Lower Upper
117 100
201 75.4 38.4 115.1





#87

1,2-Dichlorobenzene

Concen: 4.306 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampled :

BFB

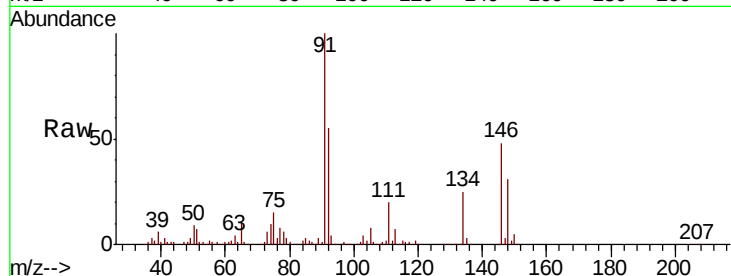
Tot Ion:146 Resp: 26513

Ion Ratio Lower Upper

146 100

111 41.6 20.3 61.0

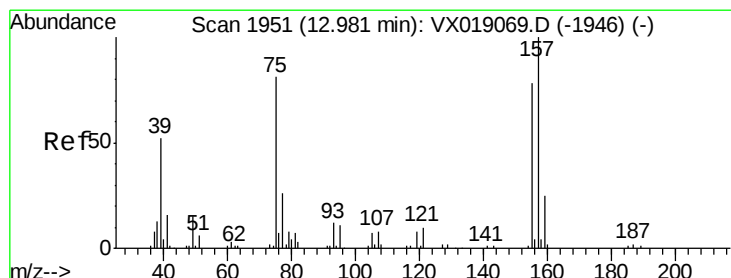
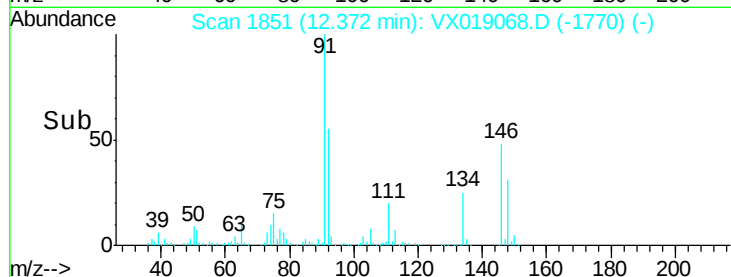
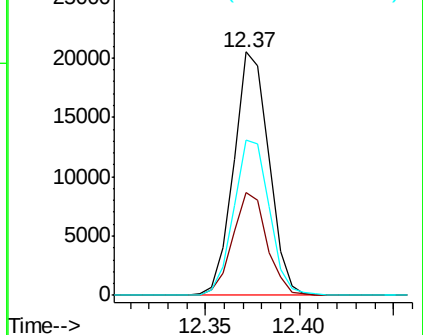
148 64.7 32.1 96.5



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: 3.844 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

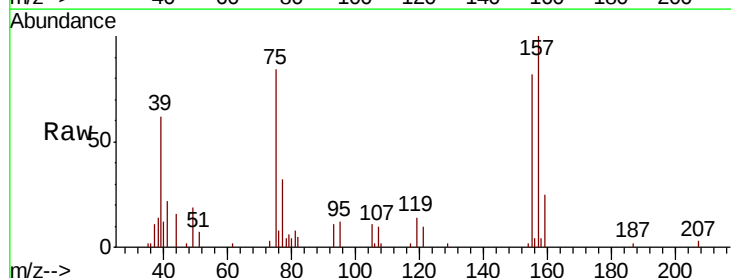
Tgt Ion: 75 Resp: 3698

Ion Ratio Lower Upper

75 100

155 91.6 73.7 110.5

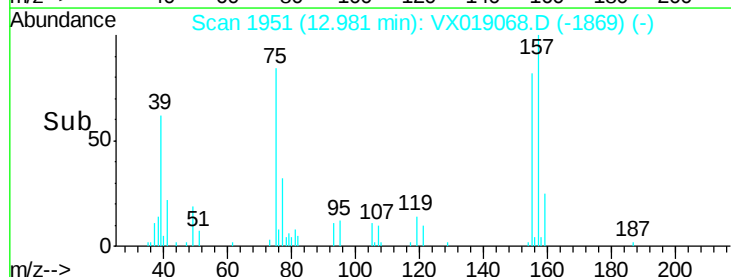
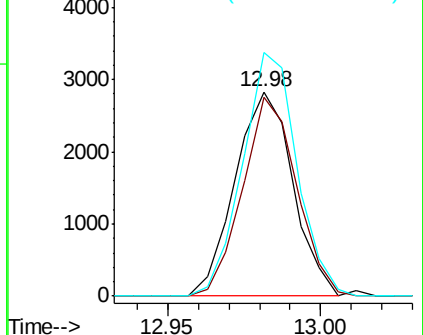
157 113.1 96.5 144.7

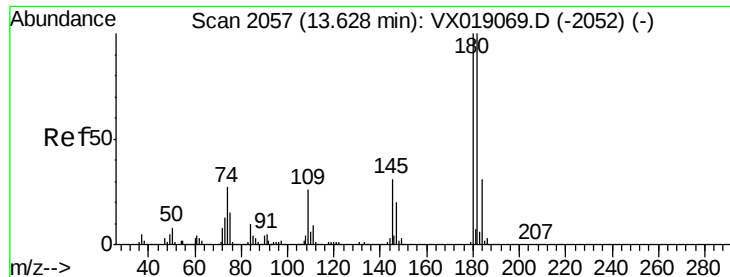


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

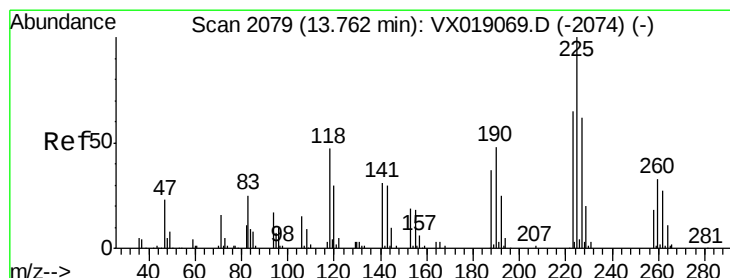
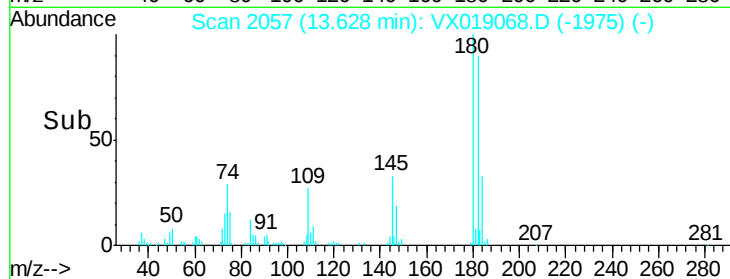
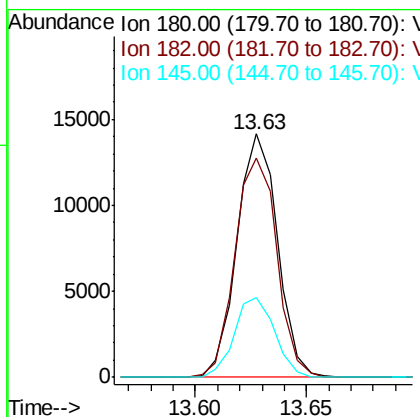
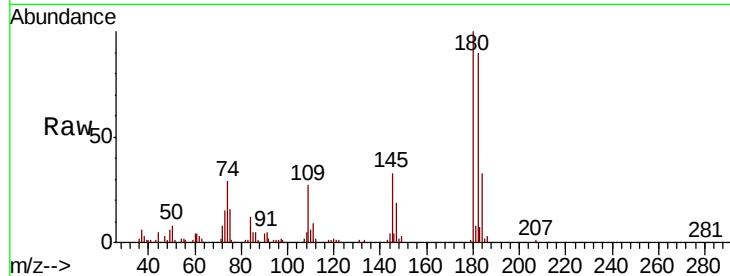




#89
 1,2,4-Trichlorobenzene
 Concen: 4.061 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

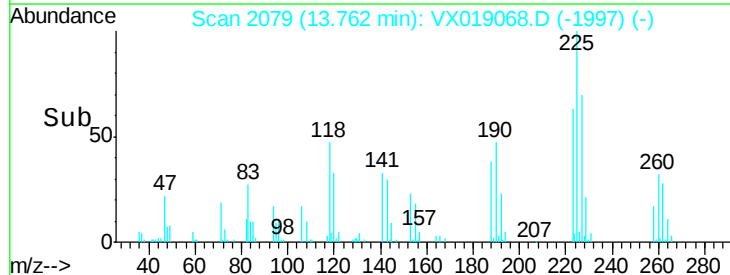
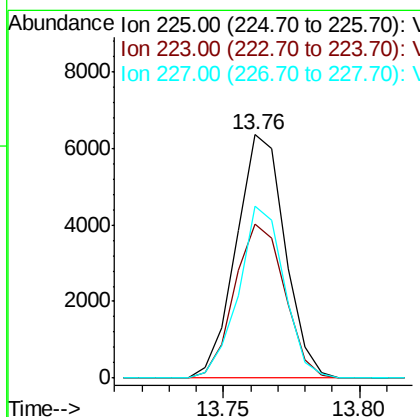
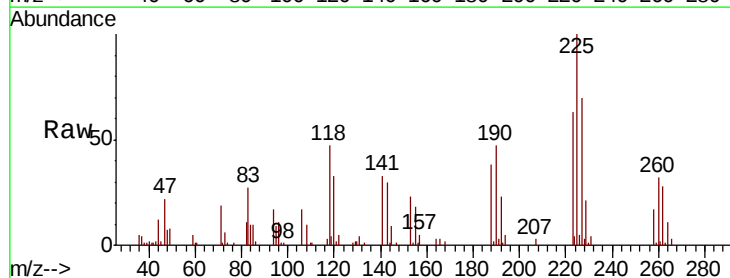
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB

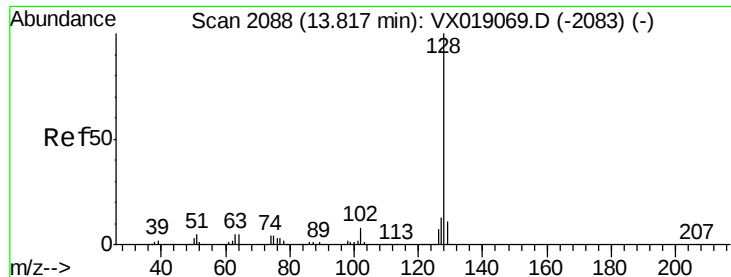
Tot Ion:180 Resp: 17996
 Ion Ratio Lower Upper
 180 100
 182 93.1 76.5 114.7
 145 32.6 24.2 36.4



#90
 Hexachlorobutadiene
 Concen: 4.206 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Tgt Ion:225 Resp: 7903
 Ion Ratio Lower Upper
 225 100
 223 64.6 0.0 130.0
 227 66.0 0.0 128.6





#91

Naphthalene

Concen: 3.986 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_V

ClientSampleId :

BFB

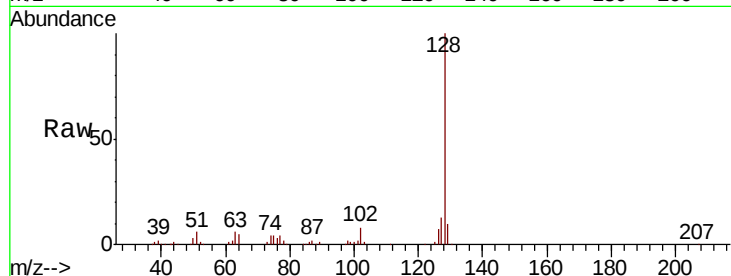
Tot Ion:128 Resp: 57824

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

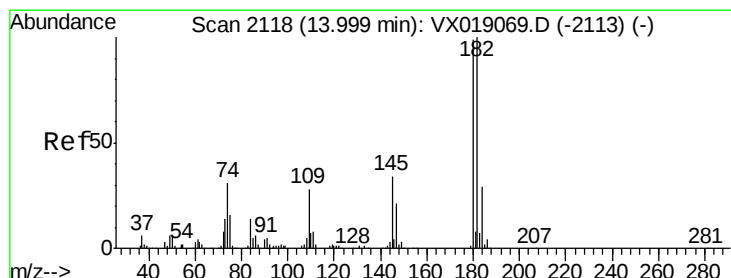
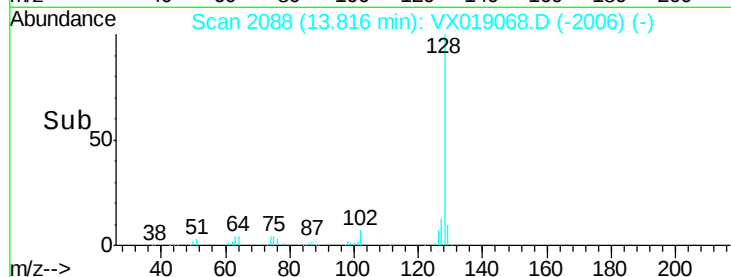
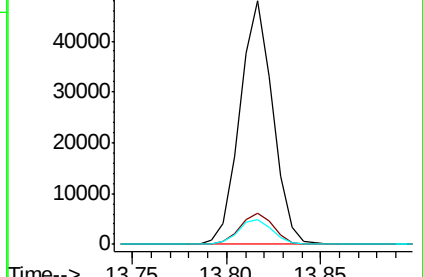
129 10.7 8.9 13.3



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: 4.222 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

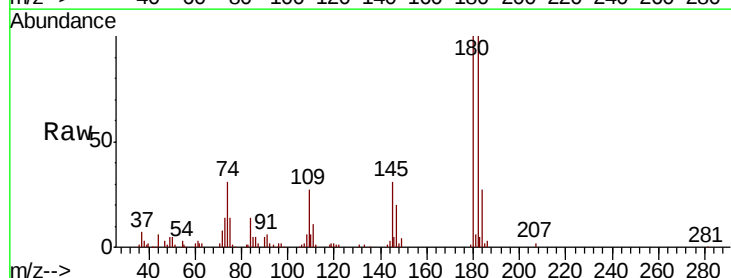
Tgt Ion:180 Resp: 17995

Ion Ratio Lower Upper

180 100

182 98.4 0.0 192.4

145 32.2 0.0 64.6



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

