

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103120\
 Data File : VX019189.D
 Acq On : 29 Oct 2020 15:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Oct 30 04:00:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	272329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	444427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	407518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201671	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171908	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	5.46	113	140915	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	8.70	98	535690	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.12	95	205016	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119904	52.814	ug/l	100
3) Chloromethane	1.31	50	135166	53.291	ug/l	99
4) Vinyl Chloride	1.39	62	155190	52.759	ug/l	99
5) Bromomethane	1.63	94	97008	48.291	ug/l	99
6) Chloroethane	1.71	64	101778	54.193	ug/l	96
7) Trichlorofluoromethane	1.92	101	245292	53.080	ug/l	99
8) Diethyl Ether	2.17	74	95308	53.739	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	138527	54.082	ug/l	99
10) Methyl Iodide	2.49	142	172568	56.175	ug/l	100
11) Tert butyl alcohol	3.01	59	184964	266.644	ug/l	98
12) 1,1-Dichloroethene	2.36	96	135396	51.297	ug/l	100
13) Acrolein	2.27	56	82454	265.500	ug/l	99
14) Allyl chloride	2.71	41	216313	54.107	ug/l	99
15) Acrylonitrile	3.11	53	393643	270.052	ug/l	99
16) Acetone	2.42	43	342813	282.945	ug/l	99
17) Carbon Disulfide	2.55	76	373862	49.696	ug/l	100
18) Methyl Acetate	2.75	43	157375	53.416	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	491578	53.752	ug/l	99
20) Methylene Chloride	2.83	84	156691	51.514	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	155724	51.263	ug/l	99
22) Diisopropyl ether	3.82	45	440427	55.260	ug/l	92
23) Vinyl Acetate	3.78	43	1982121	278.878	ug/l	99
24) 1,1-Dichloroethane	3.67	63	270285	54.314	ug/l	100
25) 2-Butanone	4.63	43	537854	281.678	ug/l	98
26) 2,2-Dichloropropane	4.54	77	252730	54.023	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	175997	51.847	ug/l	98
28) Bromochloromethane	4.98	49	127371	56.302	ug/l	95
29) Tetrahydrofuran	5.08	42	335465	278.780	ug/l	99
30) Chloroform	5.17	83	285179	53.840	ug/l	94
31) Cyclohexane	5.54	56	235834	53.122	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	256795	53.474	ug/l	99
36) 1,1-Dichloropropene	5.76	75	216746	52.814	ug/l	99
37) Ethyl Acetate	4.79	43	209896	55.085	ug/l	99
38) Carbon Tetrachloride	5.75	117	223690	53.474	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX103120\
 Data File : VX019189.D
 Acq On : 29 Oct 2020 15:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Oct 30 04:00:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	266041	54.215	ug/l	99
40) Benzene	6.11	78	628123	53.981	ug/l	99
41) Methacrylonitrile	4.99	41	112917	55.027	ug/l	99
42) 1,2-Dichloroethane	6.15	62	230426	53.732	ug/l	100
43) Isopropyl Acetate	6.40	43	345936	54.220	ug/l	100
44) Trichloroethene	7.18	130	170678	51.217	ug/l	96
45) 1,2-Dichloropropane	7.49	63	159031	55.799	ug/l	99
46) Dibromomethane	7.63	93	110745	52.548	ug/l	98
47) Bromodichloromethane	7.87	83	227184	54.690	ug/l	99
48) Methyl methacrylate	7.74	41	170802	55.620	ug/l	98
49) 1,4-Dioxane	7.72	88	74735	1094.330	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1046169	285.289	ug/l	100
52) Toluene	8.76	92	405765	54.143	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	255703	53.893	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	272900	54.697	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	162037	54.722	ug/l	98
56) Ethyl methacrylate	9.16	69	250762	56.066	ug/l	99
57) 1,3-Dichloropropane	9.35	76	271746	54.432	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	524504	209.688	ug/l	98
59) 2-Hexanone	9.47	43	814350	291.736	ug/l	100
60) Dibromochloromethane	9.56	129	176733	54.996	ug/l	99
61) 1,2-Dibromoethane	9.65	107	171226	54.075	ug/l	98
64) Tetrachloroethene	9.32	164	159251	51.291	ug/l	98
65) Chlorobenzene	10.12	112	434603	52.178	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	162527	54.202	ug/l	99
67) Ethyl Benzene	10.23	91	787327	53.047	ug/l	99
68) m/p-Xylenes	10.34	106	602556	108.169	ug/l	99
69) o-Xylene	10.68	106	285248	53.988	ug/l	100
70) Styrene	10.70	104	488289	54.164	ug/l	99
71) Bromoform	10.84	173	130066	54.708	ug/l	97
73) Isopropylbenzene	11.00	105	779385	54.597	ug/l	100
74) N-amyl acetate	10.88	43	298954	57.277	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	235938	52.884	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	291513	70.007	ug/l	86
77) Bromobenzene	11.24	156	187489	52.919	ug/l	96
78) n-propylbenzene	11.34	91	905135	55.544	ug/l	100
79) 2-Chlorotoluene	11.40	91	532803	55.536	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	659525	54.688	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	86491	54.689	ug/l	100
82) 4-Chlorotoluene	11.49	91	630932	53.854	ug/l	99
83) tert-Butylbenzene	11.76	119	639356	55.369	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	669985	55.030	ug/l	100
85) sec-Butylbenzene	11.93	105	777750	56.158	ug/l	99
86) p-Isopropyltoluene	12.05	119	717772	56.151	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	341611	51.775	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	345719	50.337	ug/l	99
89) n-Butylbenzene	12.37	91	656528	54.640	ug/l	99
90) Hexachloroethane	12.58	117	121761	56.040	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	322464	50.898	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57622	52.760	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103120\
Data File : VX019189.D
Acq On : 29 Oct 2020 15:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: Oct 30 04:00:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

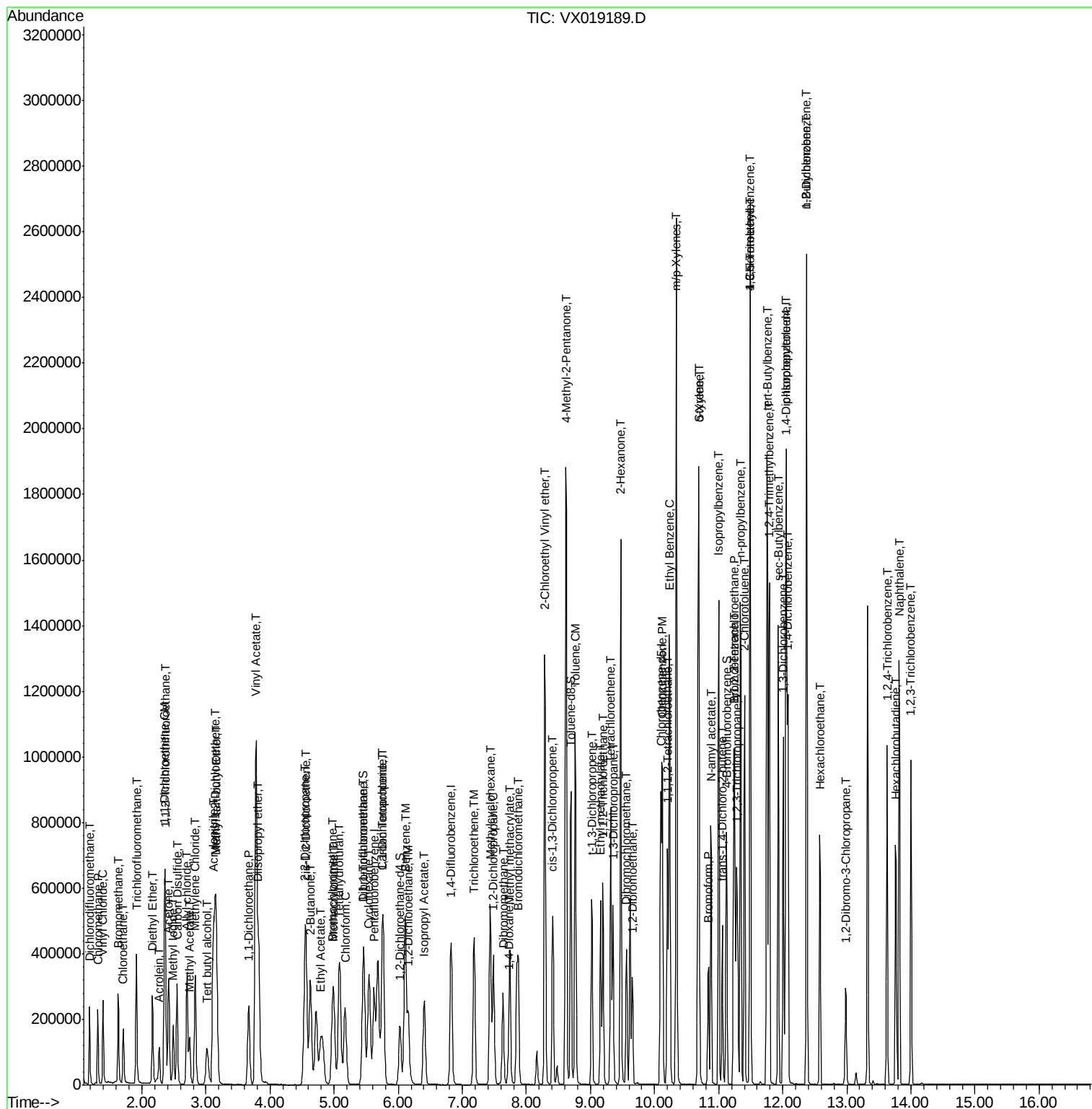
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	236291	49.653	ug/l	100
94) Hexachlorobutadiene	13.77	225	105363	50.296	ug/l	95
95) Naphthalene	13.82	128	753500	50.273	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	231694	50.187	ug/l	98

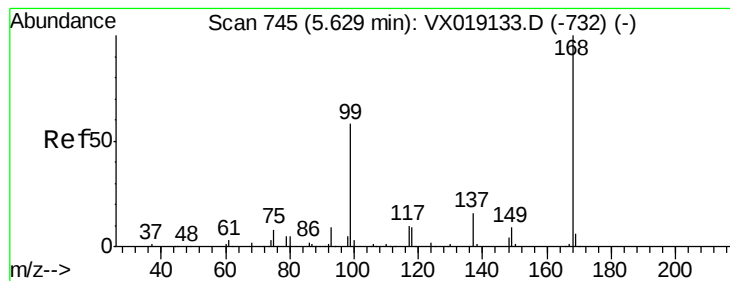
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX103120\
Data File : VX019189.D
Acq On    : 29 Oct 2020  15:20
Operator  : JC/MD
Sample    : VSTDCCC050
Misc      : 5.0mL/MSVOA X/WATER
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: Oct 30 04:00:04 2020
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

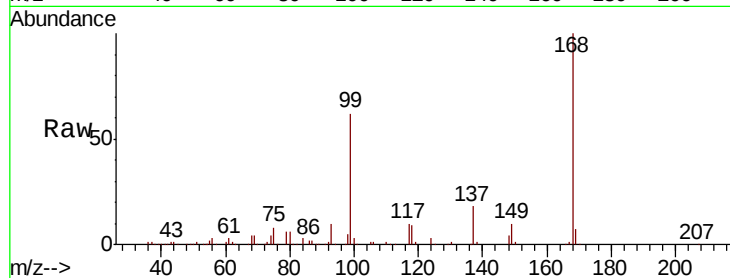
BFB

Tot Ion:168 Resp: 272329

Ion Ratio Lower Upper

168 100

99 61.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

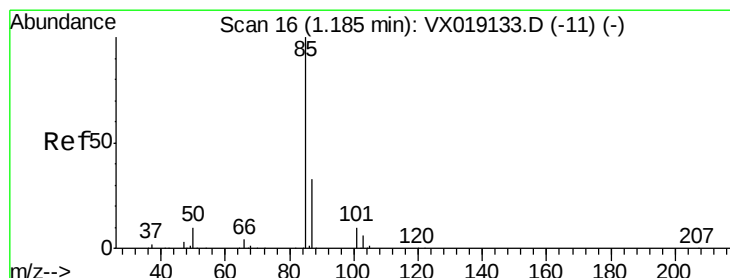
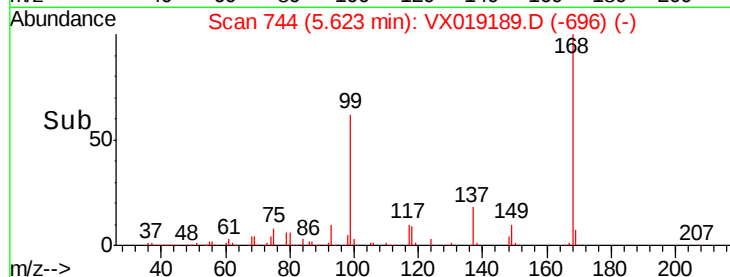
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.814 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019189.D

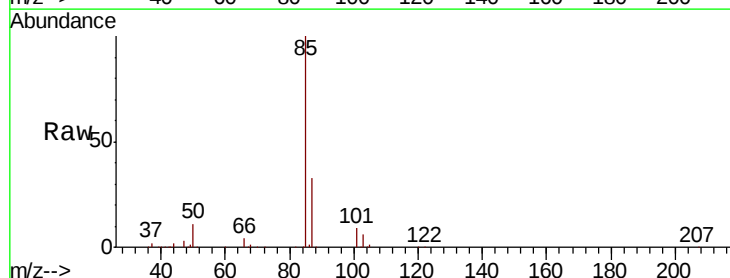
Acq: 29 Oct 2020 15:20

Tgt Ion: 85 Resp: 119904

Ion Ratio Lower Upper

85 100

87 32.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

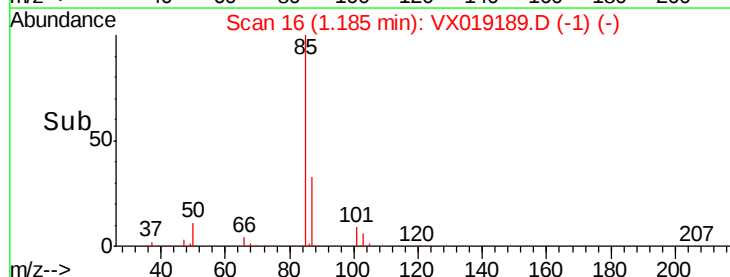
150000

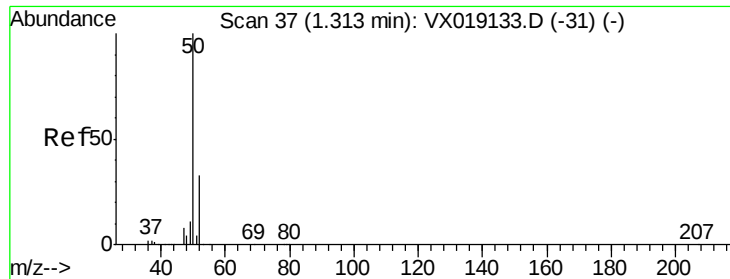
100000

50000

0

Time-->





#3

Chloromethane

Concen: 53.291 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampled :

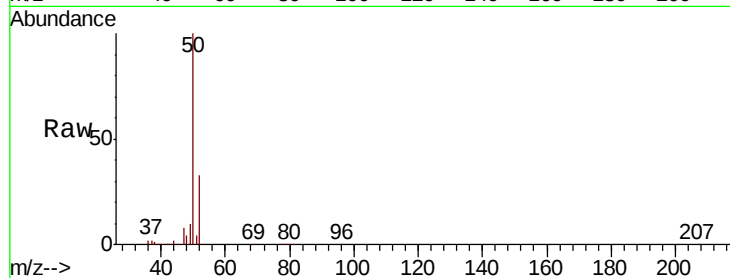
BFB

Tot Ion: 50 Resp: 135166

Ion Ratio Lower Upper

50 100

52 33.2 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

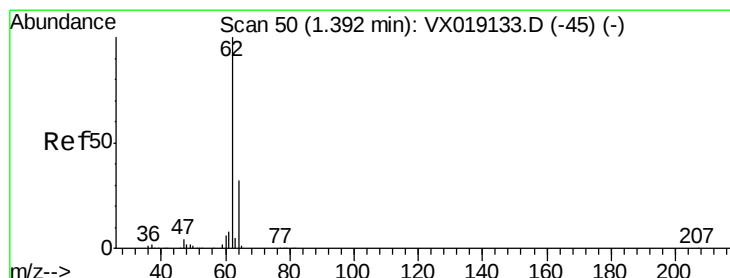
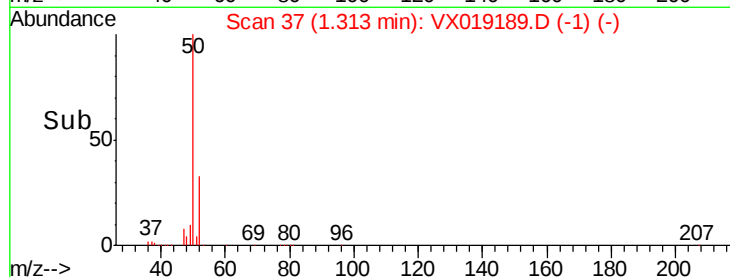
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 52.759 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019189.D

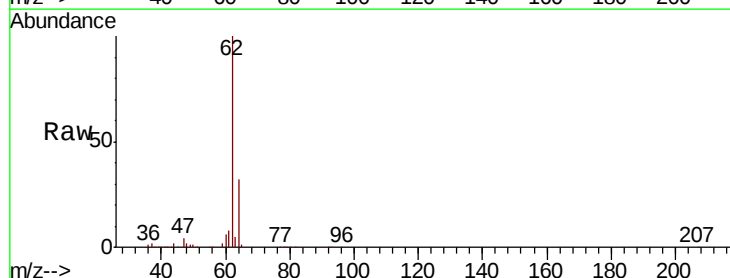
Acq: 29 Oct 2020 15:20

Tgt Ion: 62 Resp: 155190

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

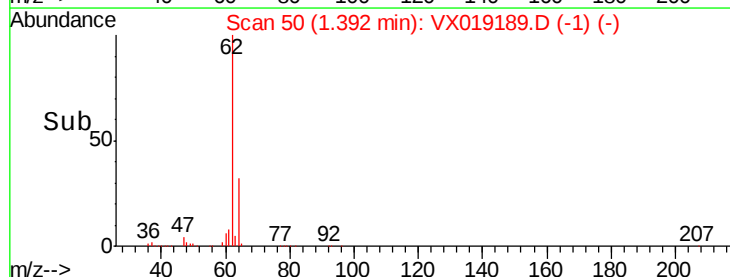
150000

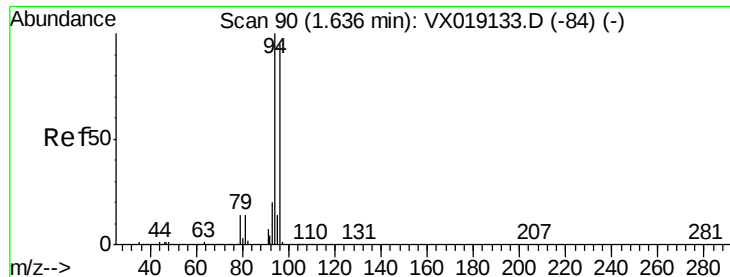
100000

50000

0

Time-->





#5

Bromomethane

Concen: 48.291 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampled :

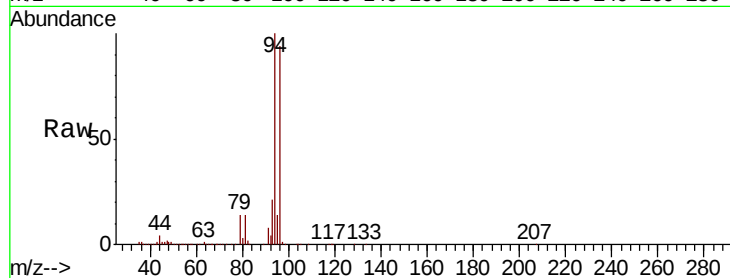
BFB

Tot Ion: 94 Resp: 97008

Ion Ratio Lower Upper

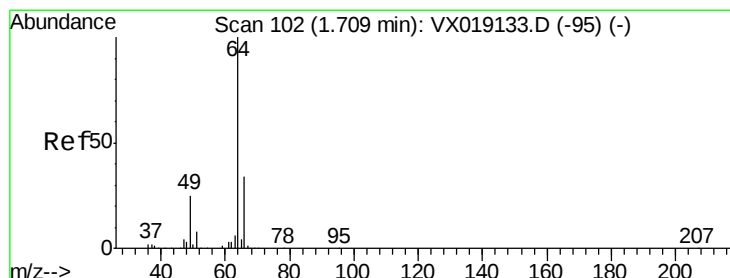
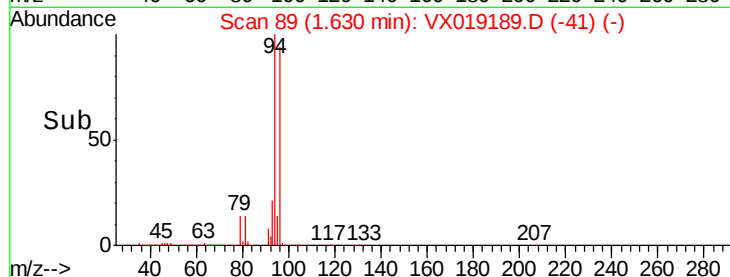
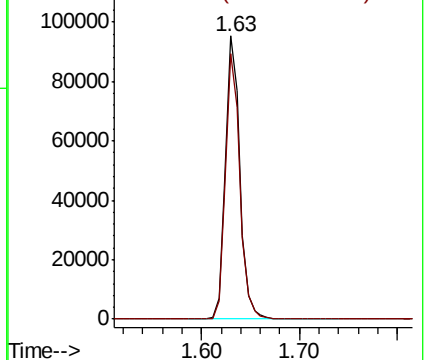
94 100

96 93.8 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.193 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019189.D

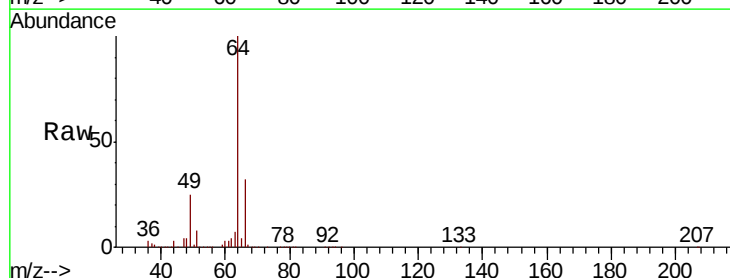
Acq: 29 Oct 2020 15:20

Tgt Ion: 64 Resp: 101778

Ion Ratio Lower Upper

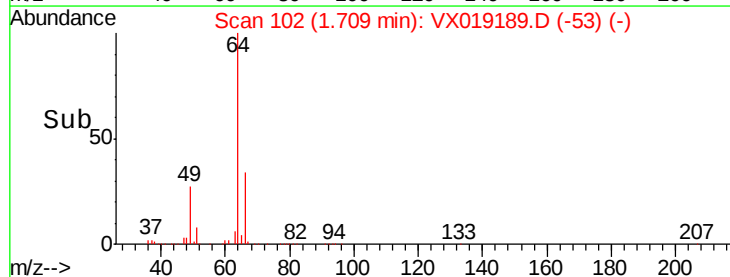
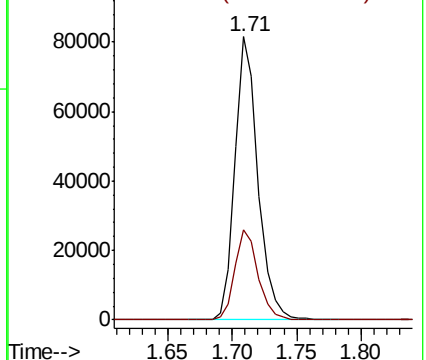
64 100

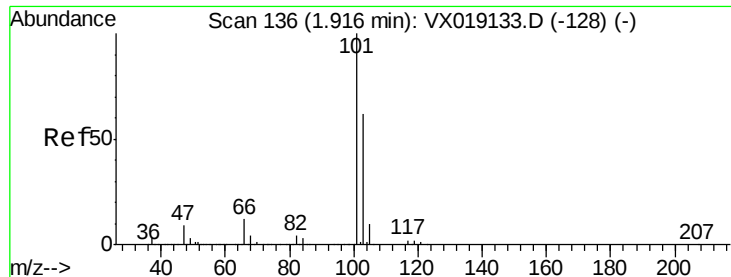
66 31.7 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



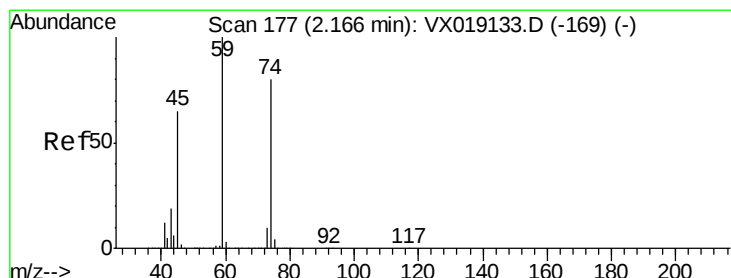
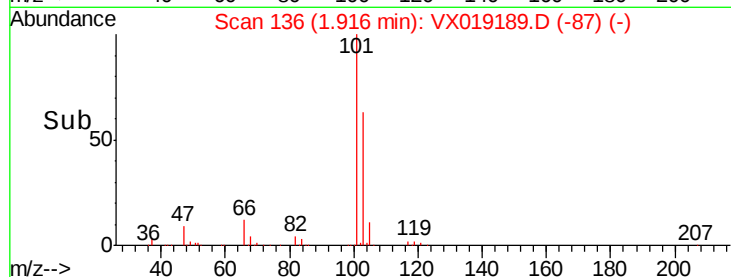
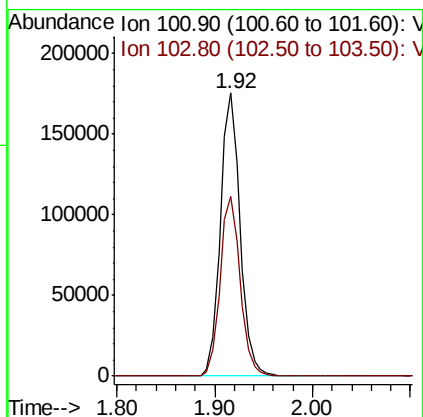
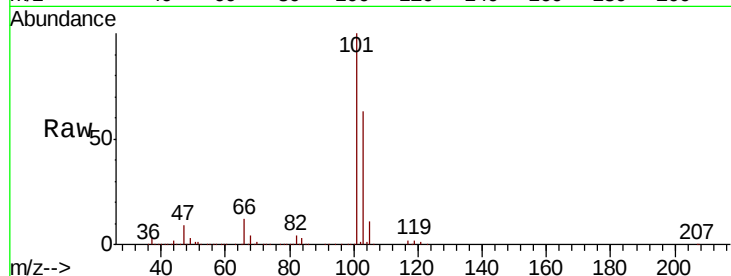


#7

Trichlorofluoromethane
 Concen: 53.080 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

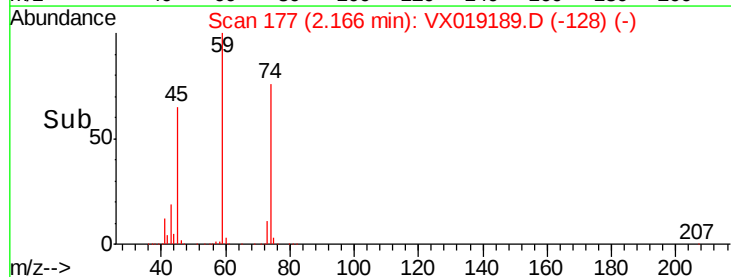
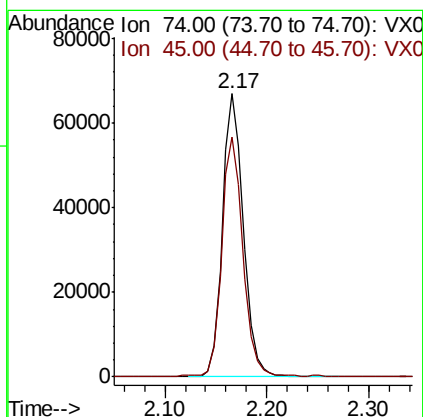
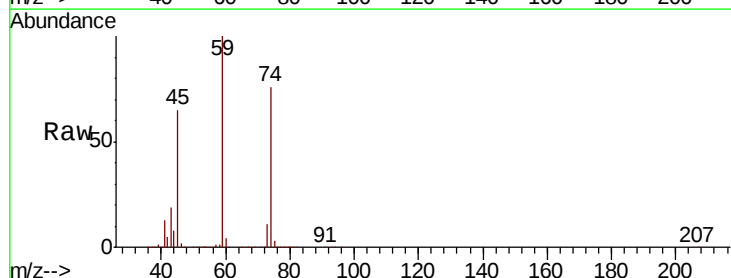
Tot Ion:101 Resp: 245292
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.0 75.0

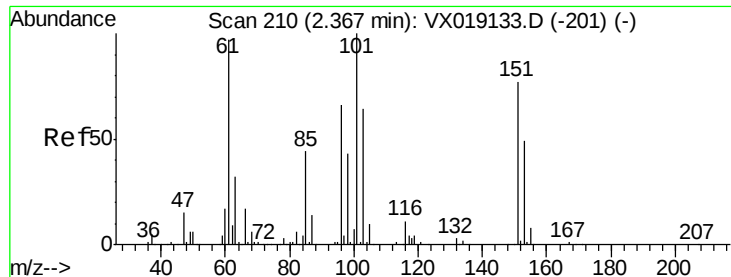


#8

Diethyl Ether
 Concen: 53.739 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Tgt Ion: 74 Resp: 95308
 Ion Ratio Lower Upper
 74 100
 45 85.7 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.082 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampled :

BFB

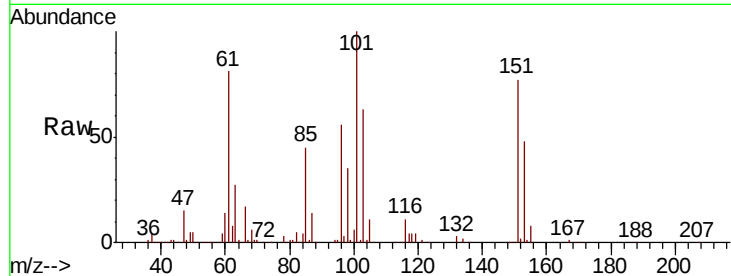
Tot Ion:101 Resp: 138527

Ion Ratio Lower Upper

101 100

85 44.8 35.0 52.4

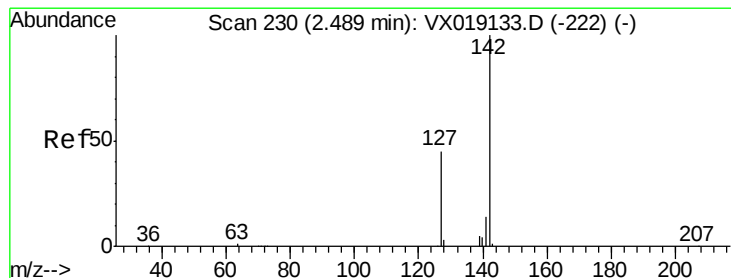
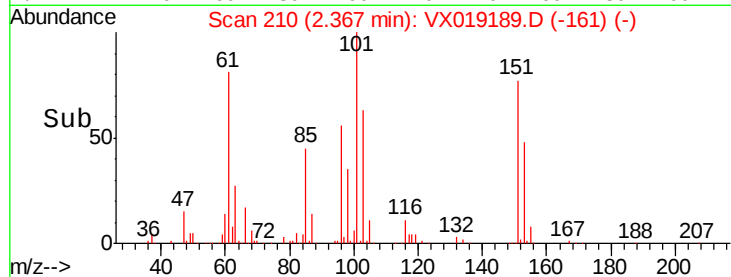
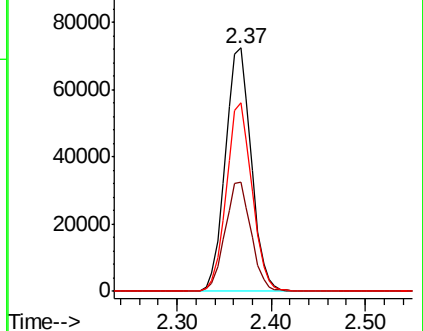
151 76.3 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.175 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

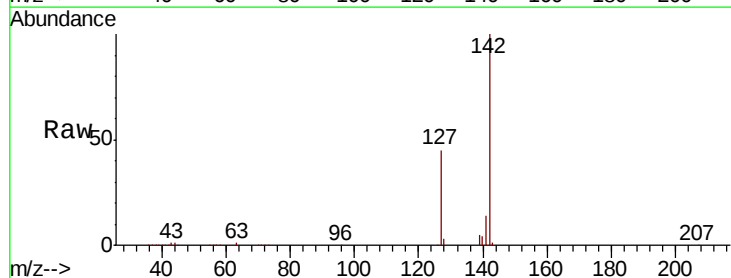
Tgt Ion:142 Resp: 172568

Ion Ratio Lower Upper

142 100

127 45.1 36.1 54.1

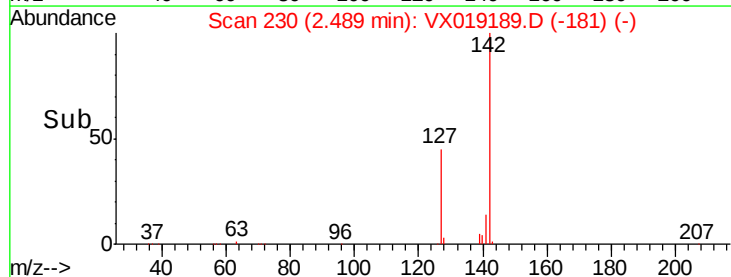
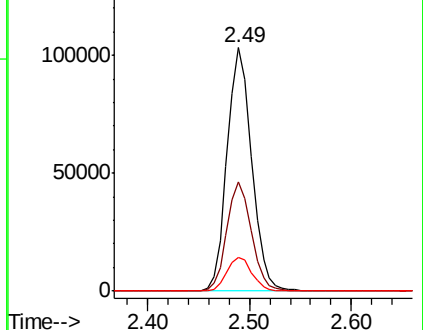
141 14.4 11.3 16.9

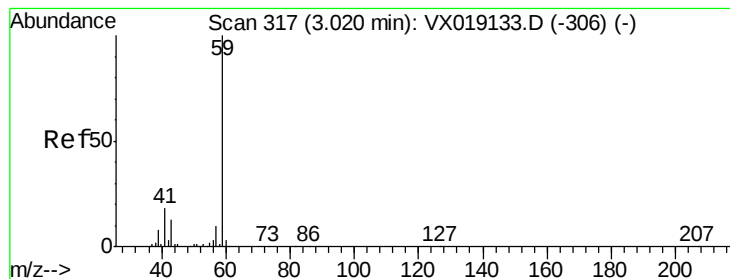


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



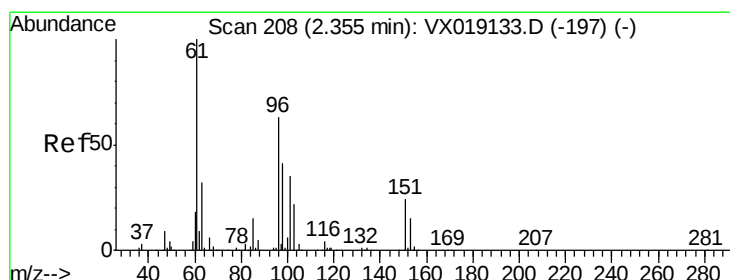
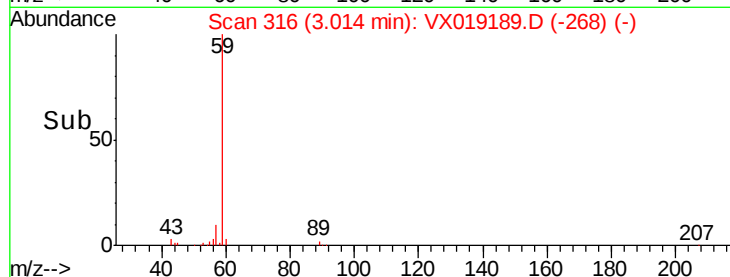
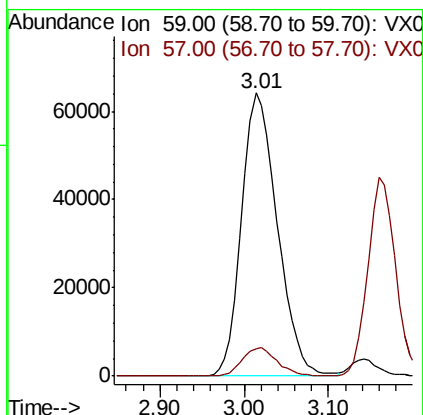
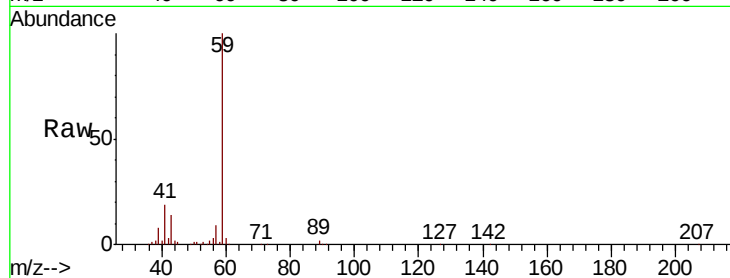


#11

Tert butyl alcohol
Concen: 266.644 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
BFB

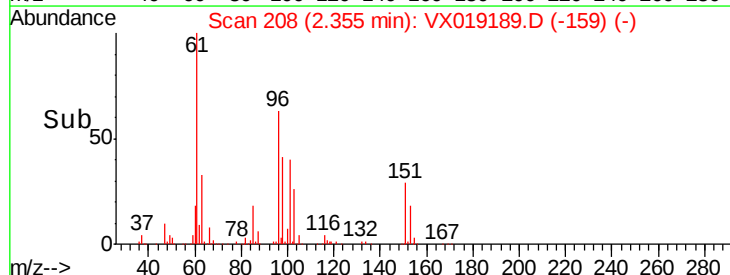
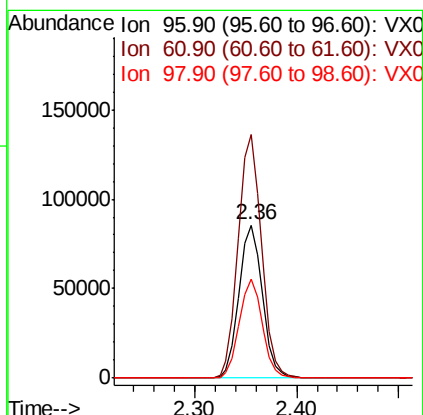
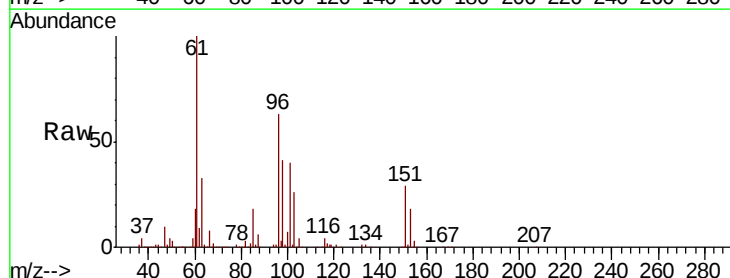
Tot Ion: 59 Resp: 184964
Ion Ratio Lower Upper
59 100
57 9.9 8.4 12.6

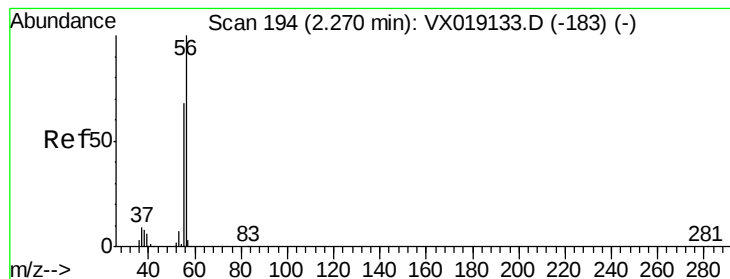


#12

1,1-Dichloroethene
Concen: 51.297 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion: 96 Resp: 135396
Ion Ratio Lower Upper
96 100
61 159.3 127.7 191.5
98 64.9 52.1 78.1





#13

Acrolein

Concen: 265.500 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

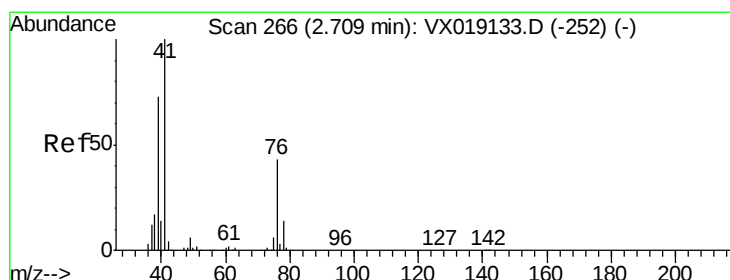
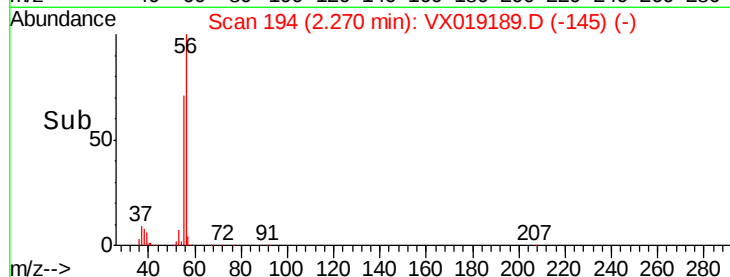
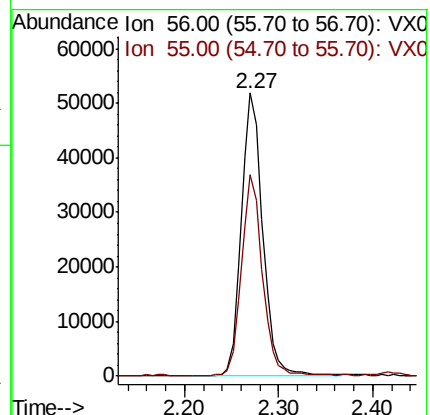
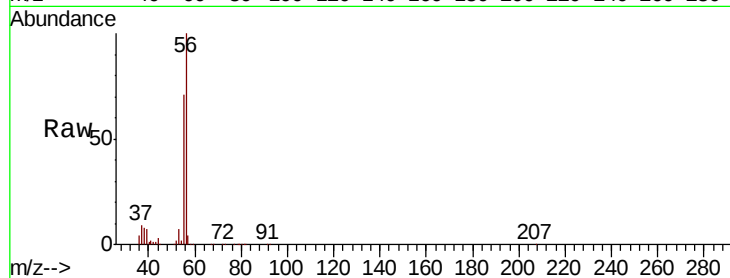
BFB

Tot Ion: 56 Resp: 82454

Ion Ratio Lower Upper

56 100

55 69.2 54.7 82.1



#14

Allyl chloride

Concen: 54.107 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

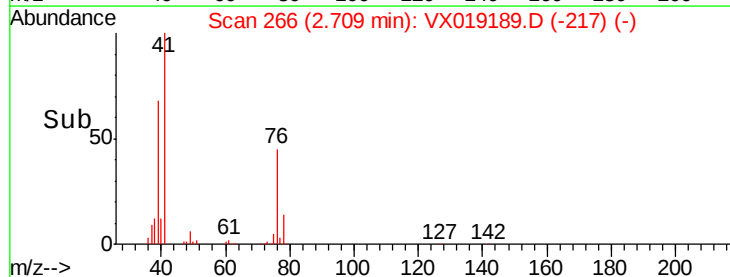
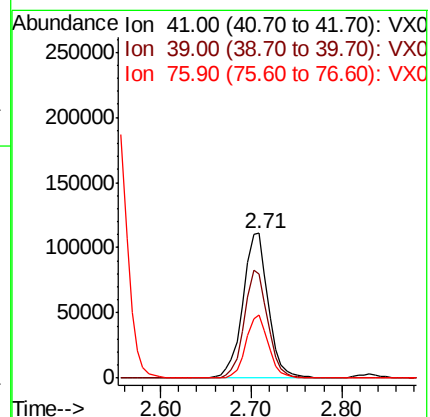
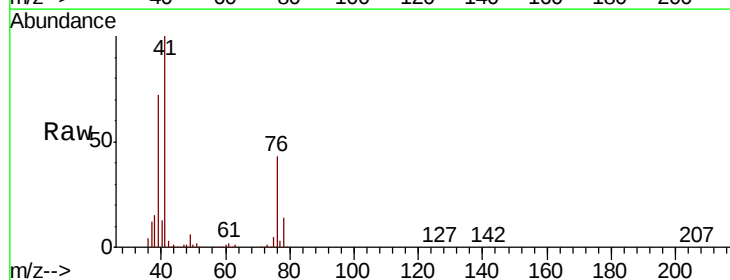
Tgt Ion: 41 Resp: 216313

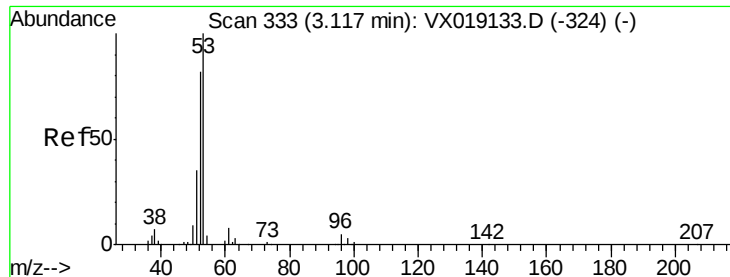
Ion Ratio Lower Upper

41 100

39 68.4 55.2 82.8

76 38.5 31.5 47.3





#15

Acrylonitrile

Concen: 270.052 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampled :

BFB

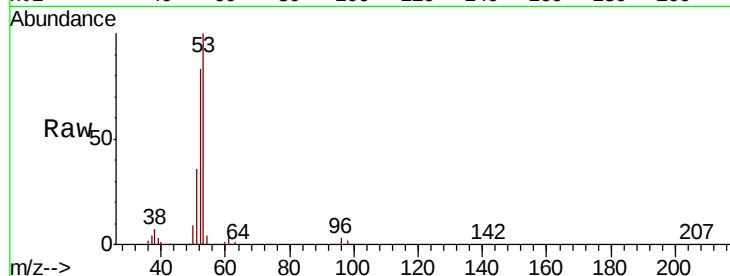
Tot Ion: 53 Resp: 393643

Ion Ratio Lower Upper

53 100

52 83.0 65.7 98.5

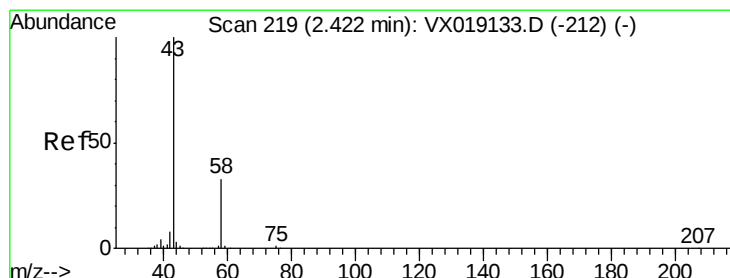
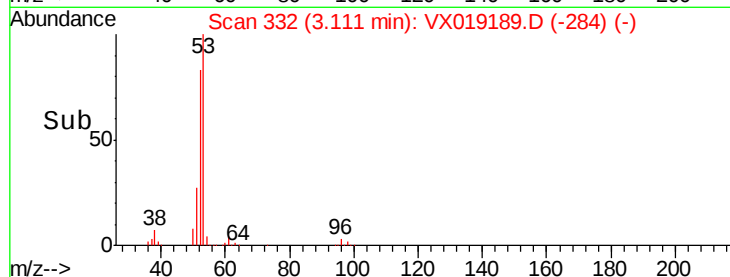
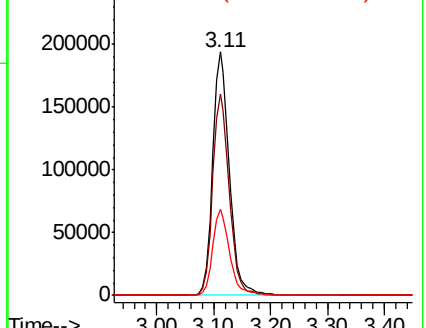
51 36.1 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 282.945 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019189.D

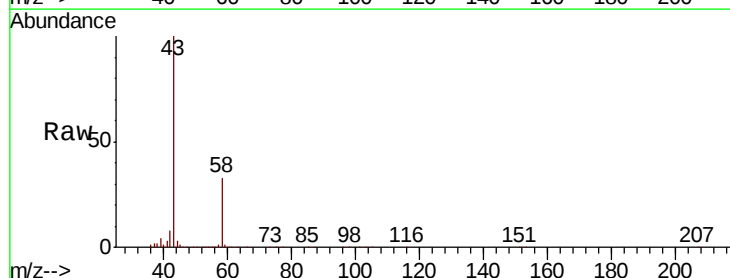
Acq: 29 Oct 2020 15:20

Tgt Ion: 43 Resp: 342813

Ion Ratio Lower Upper

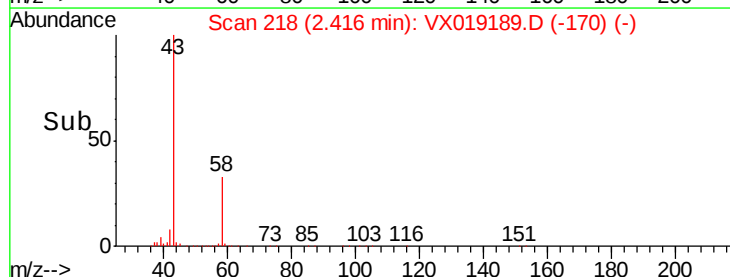
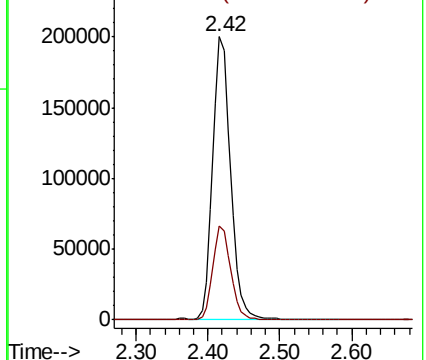
43 100

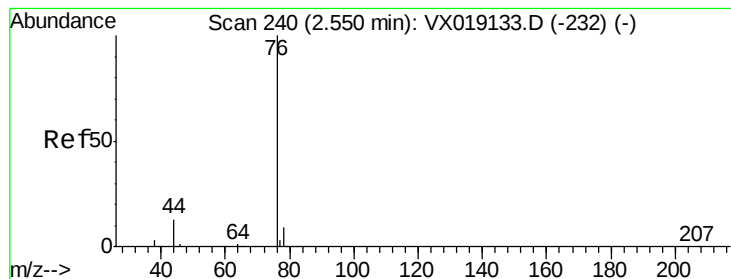
58 33.3 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.696 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampled :

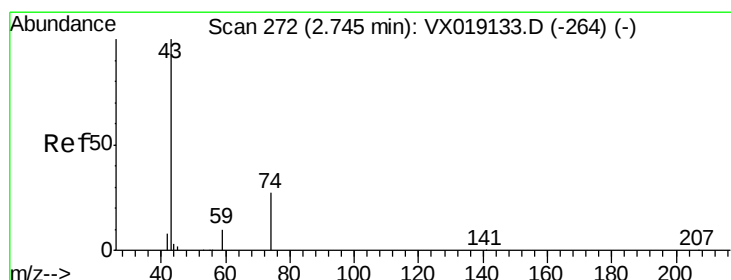
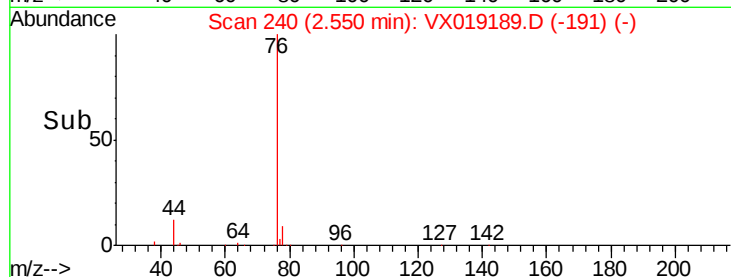
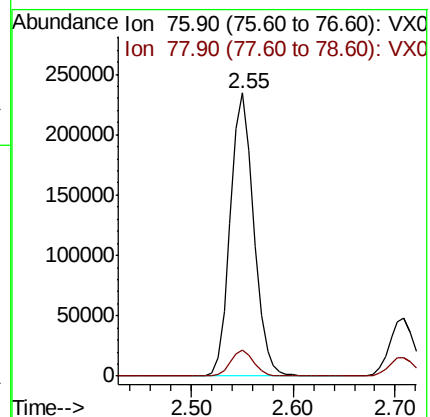
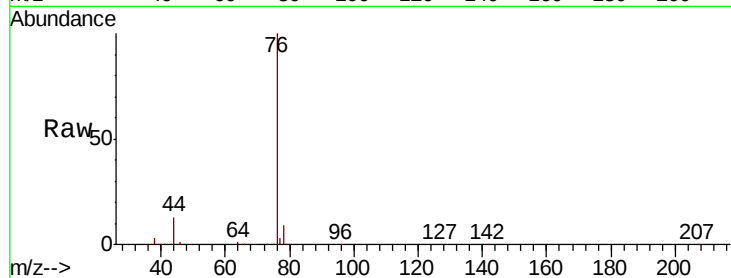
BFB

Tot Ion: 76 Resp: 373862

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 53.416 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019189.D

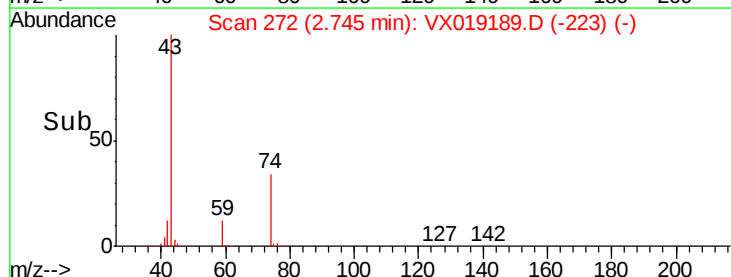
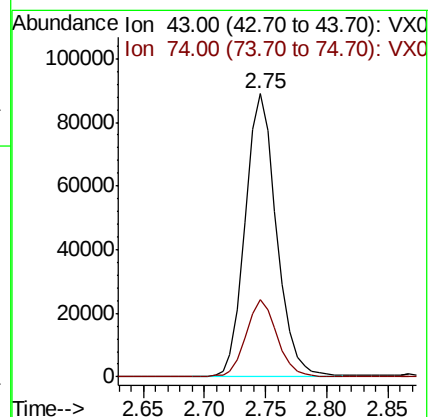
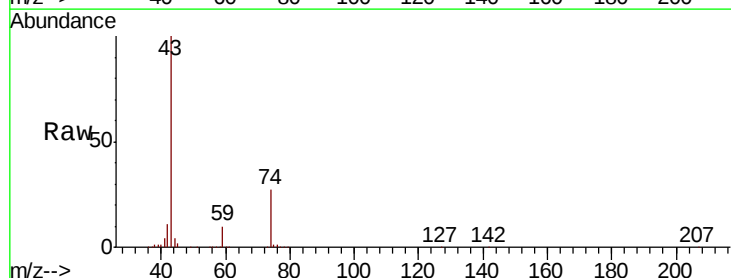
Acq: 29 Oct 2020 15:20

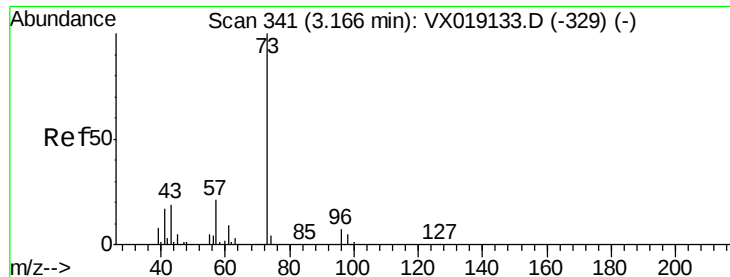
Tgt Ion: 43 Resp: 157375

Ion Ratio Lower Upper

43 100

74 27.5 22.6 33.8

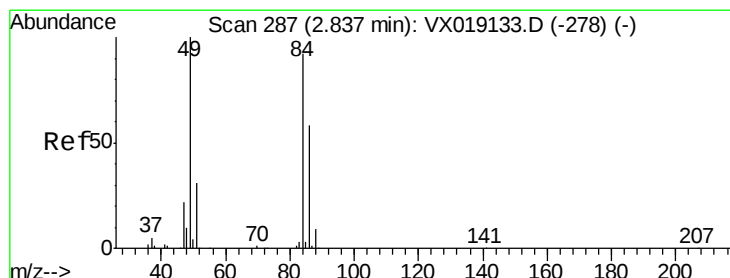
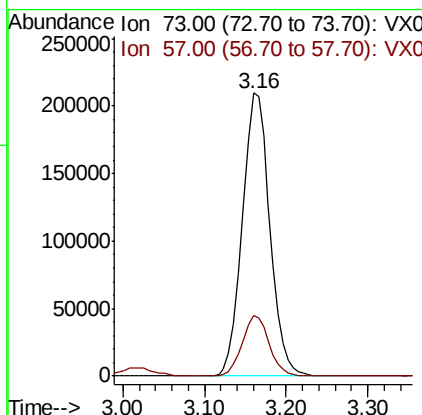
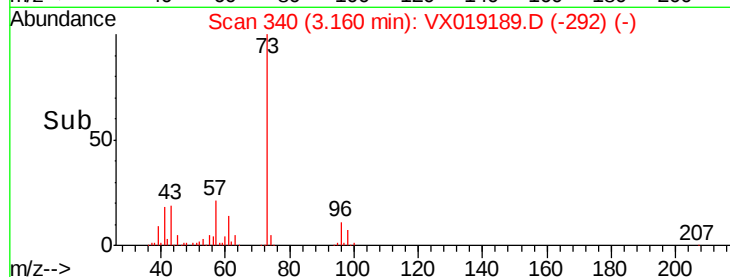
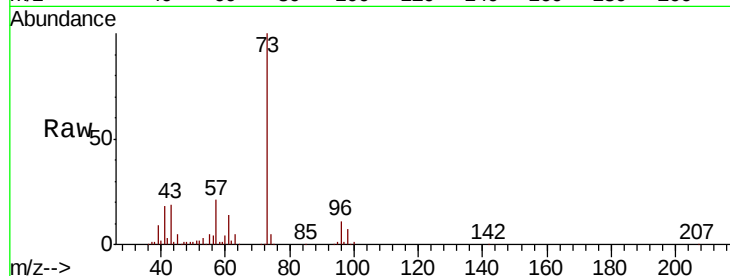




#19
Methvl tert-butvl Ether
Concen: 53.752 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

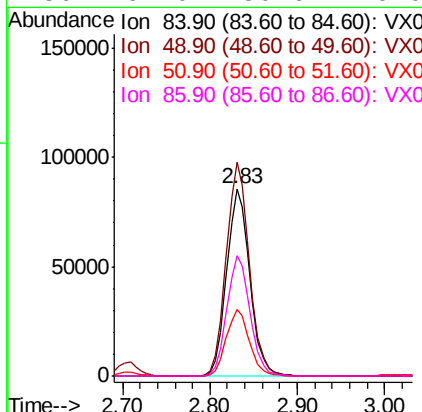
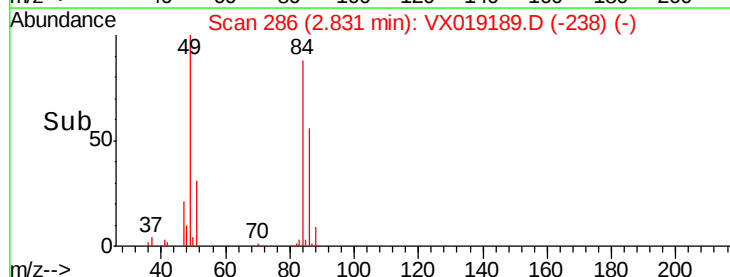
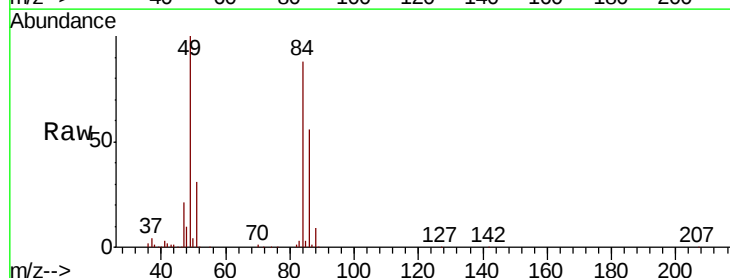
Instrument :
MSVOA_X
ClientSampleId :
BFB

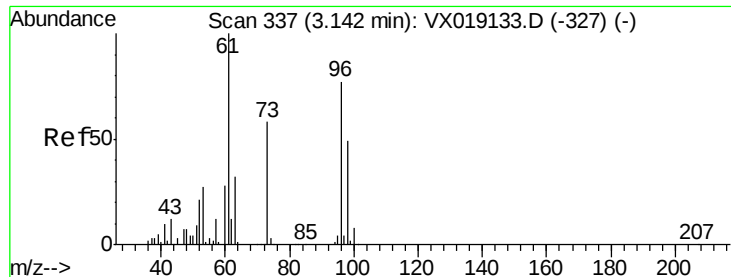
Tot Ion: 73 Resp: 491578
Ion Ratio Lower Upper
73 100
57 21.5 16.6 25.0



#20
Methylene Chloride
Concen: 51.514 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion: 84 Resp: 156691
Ion Ratio Lower Upper
84 100
49 114.0 86.8 130.2
51 35.8 27.3 40.9
86 64.0 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 51.263 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

BFB

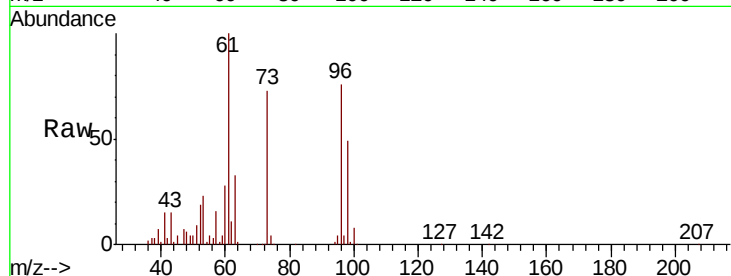
Tot Ion: 96 Resp: 155724

Ion Ratio Lower Upper

96 100

61 131.7 104.2 156.4

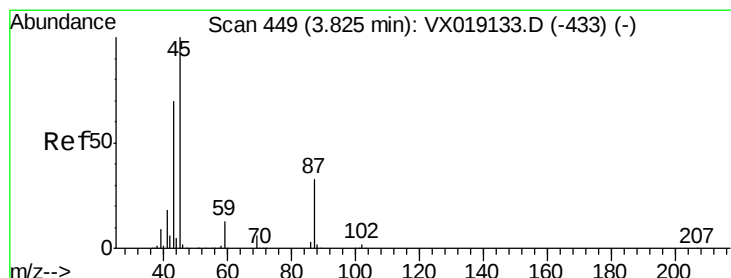
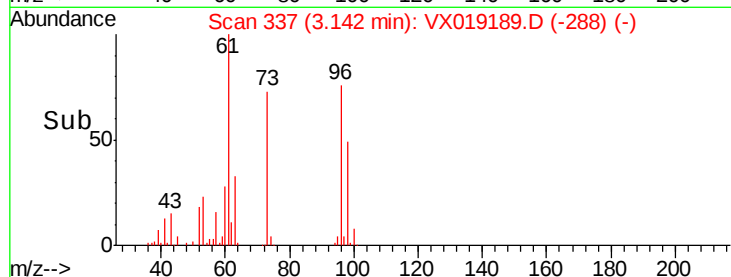
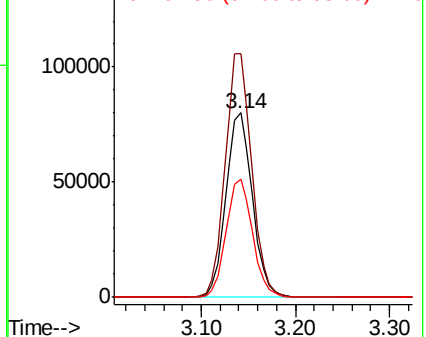
98 64.2 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.260 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Tgt Ion: 45 Resp: 440427

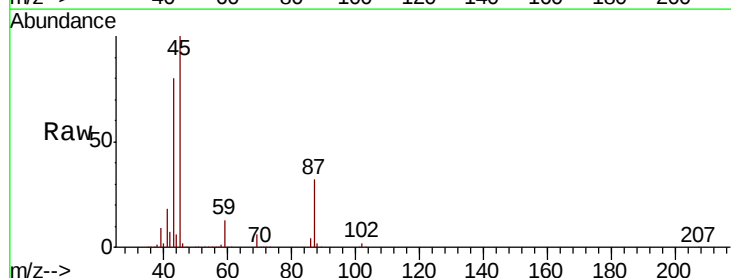
Ion Ratio Lower Upper

45 100

43 80.0 56.2 84.4

87 31.7 26.2 39.2

59 12.6 10.1 15.1

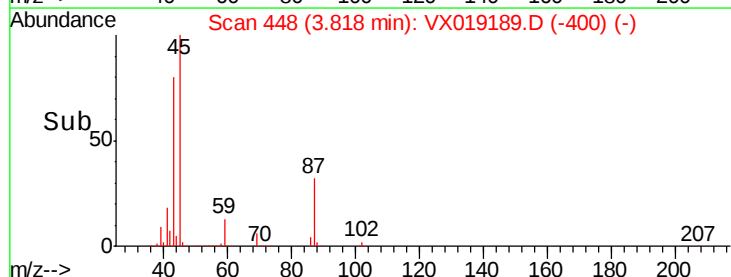
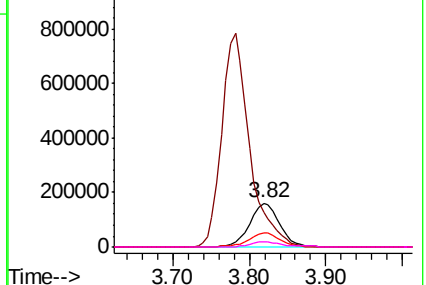


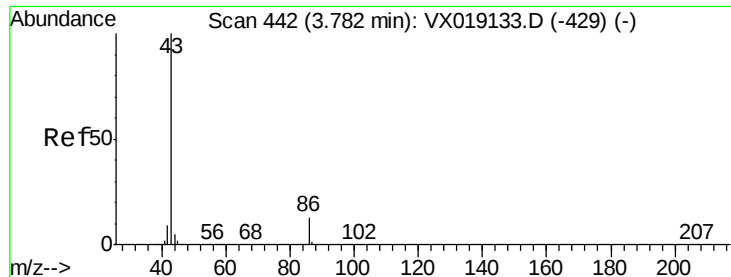
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 278.878 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

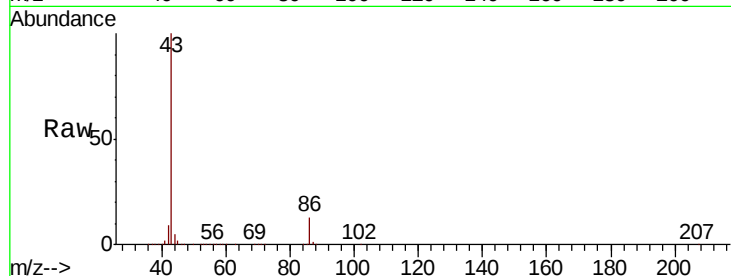
BFB

Tot Ion: 43 Resp: 1982121

Ion Ratio Lower Upper

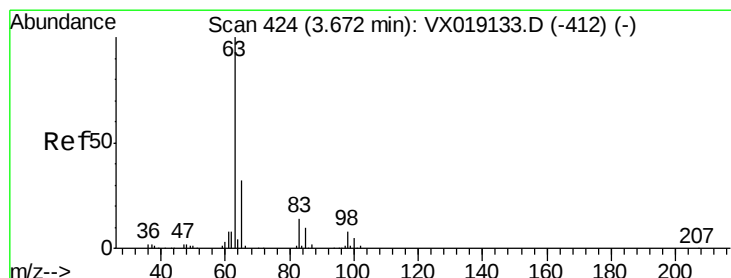
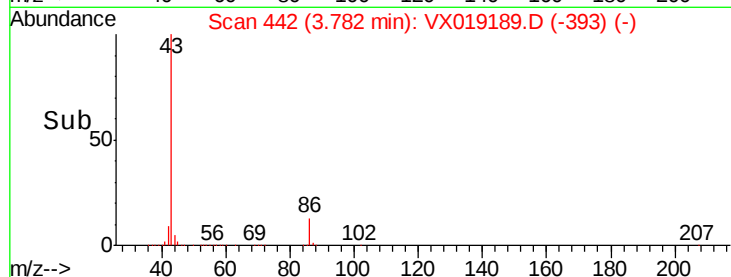
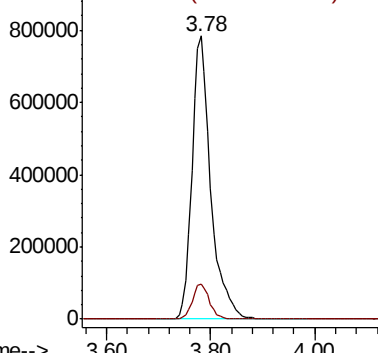
43 100

86 12.5 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.314 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

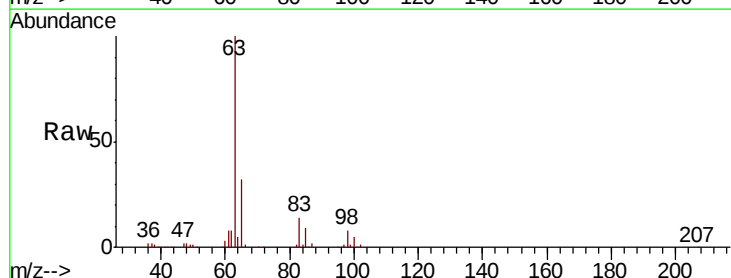
Tgt Ion: 63 Resp: 270285

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

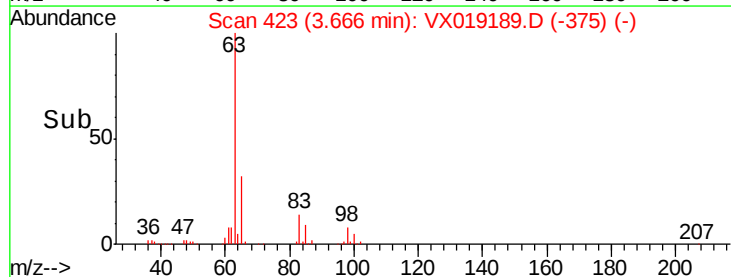
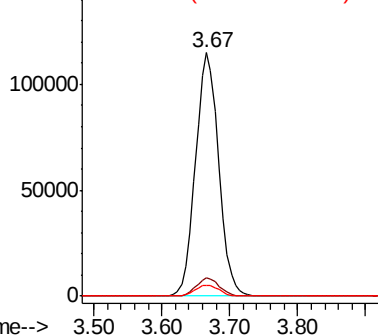
100 4.6 2.4 7.2

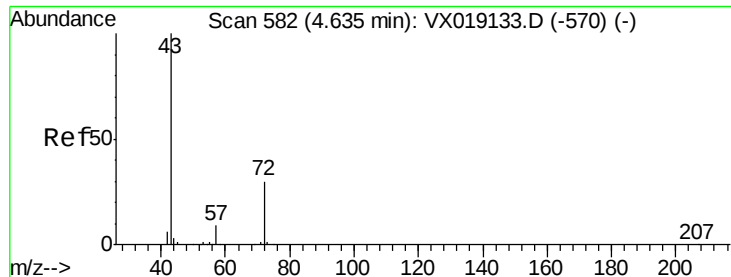


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 281.678 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampled :

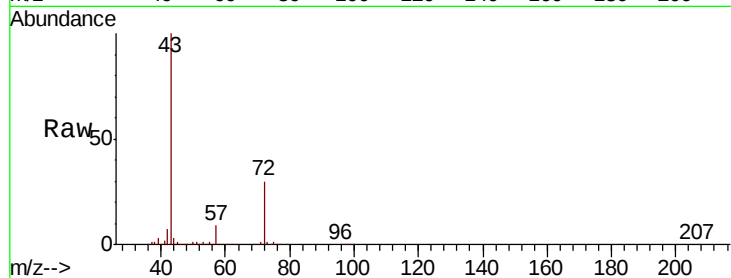
BFB

Tot Ion: 43 Resp: 537854

Ion Ratio Lower Upper

43 100

72 29.6 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.63

200000

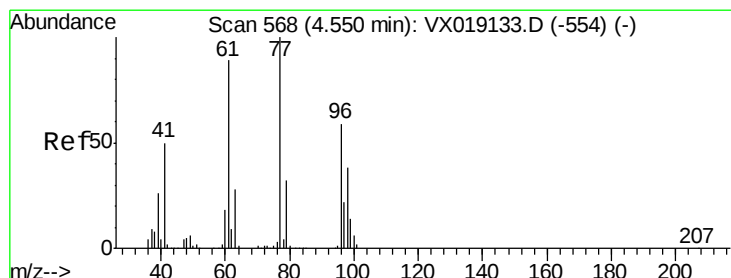
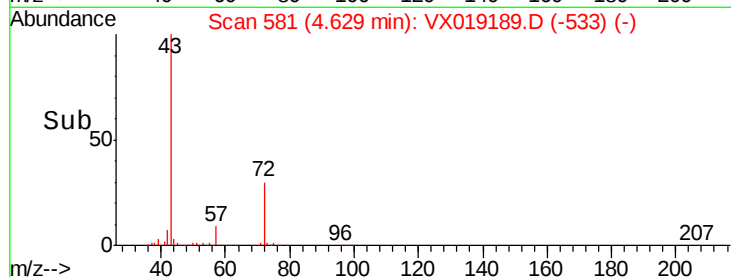
150000

100000

50000

0

Time--> 4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 54.023 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019189.D

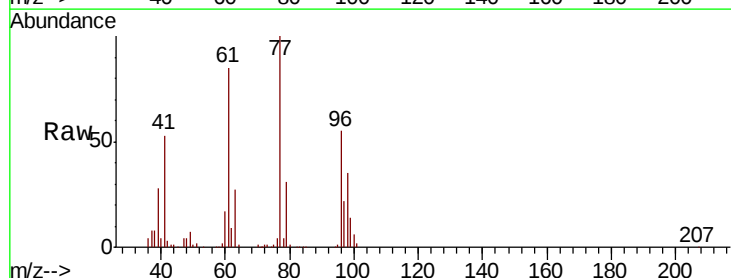
Acq: 29 Oct 2020 15:20

Tgt Ion: 77 Resp: 252730

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.54

80000

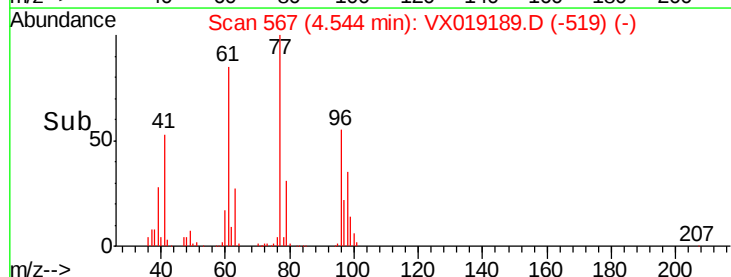
60000

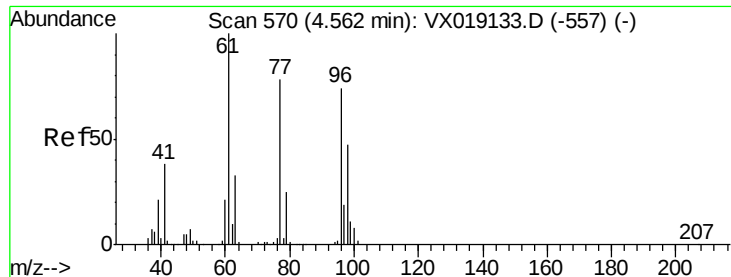
40000

20000

0

Time--> 4.40 4.50 4.60 4.70 4.80



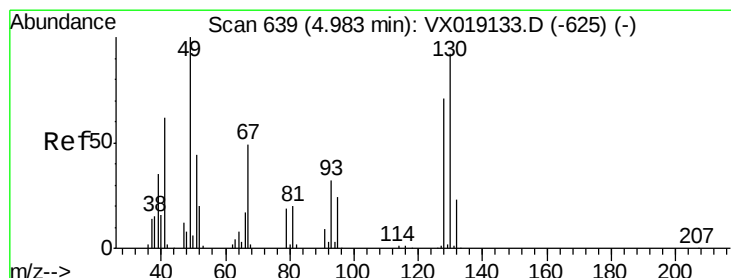
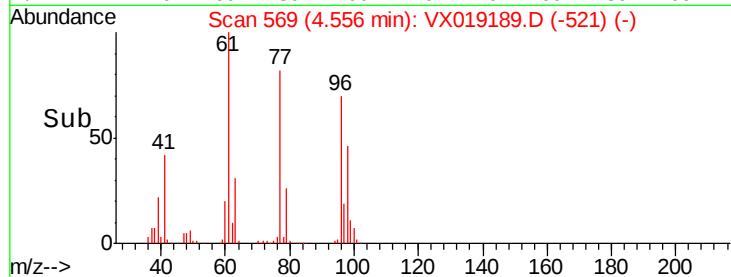
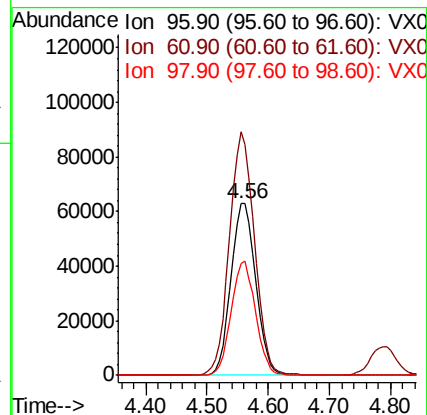
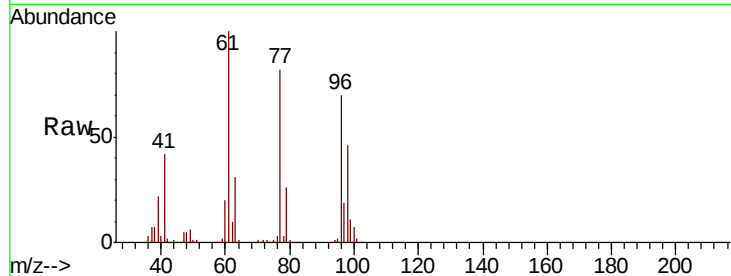


#27

cis-1,2-Dichloroethene
 Concen: 51.847 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

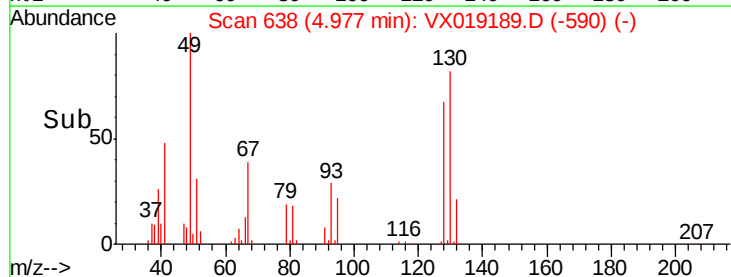
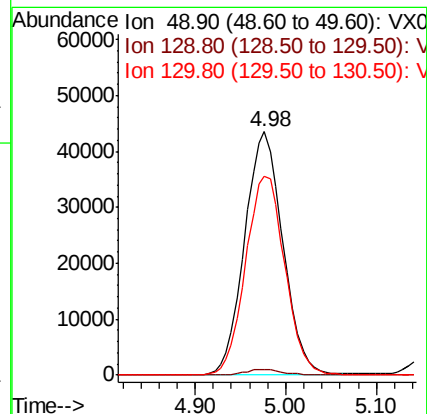
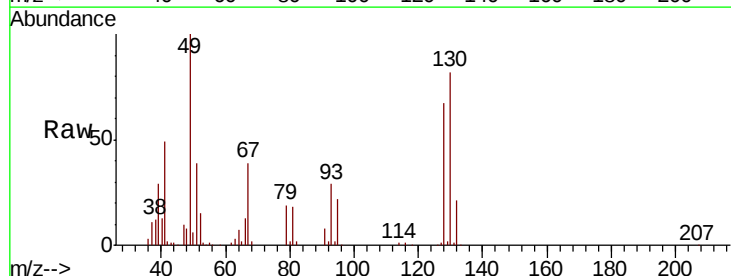
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	278.8
98	65.0	0.0	130.2

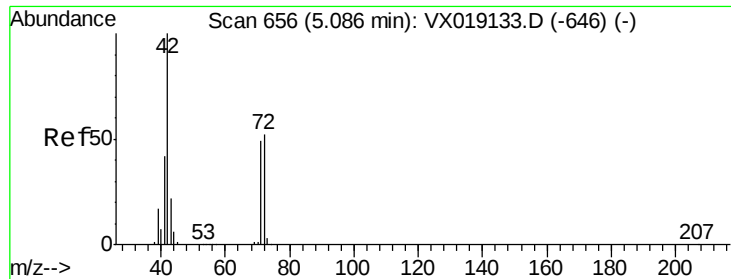


#28

Bromochloromethane
 Concen: 56.302 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	84.1	71.3	106.9

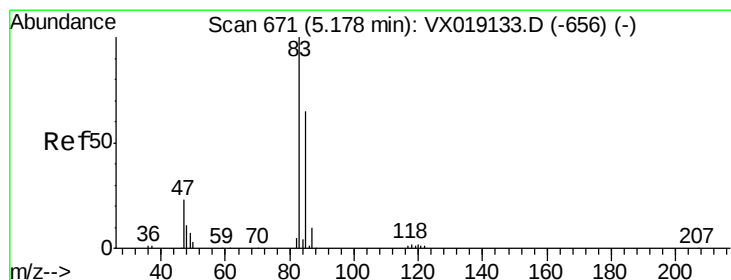
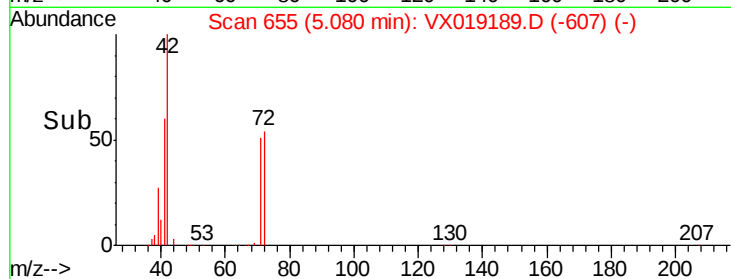
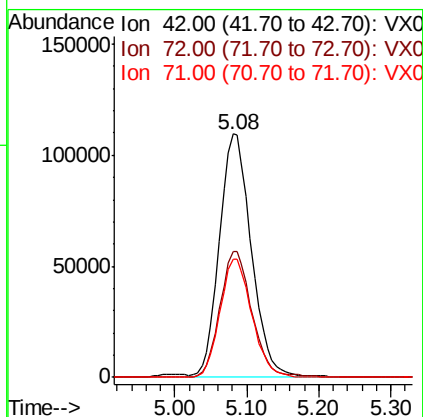
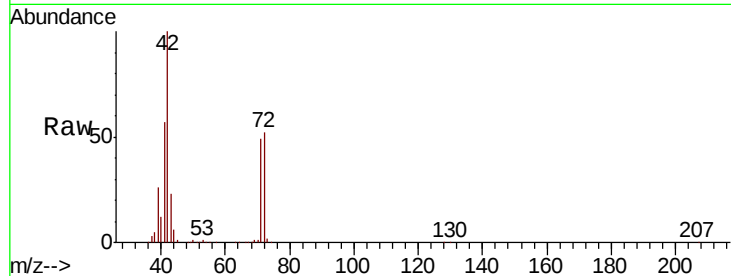




#29
Tetrahydrofuran
Concen: 278.780 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

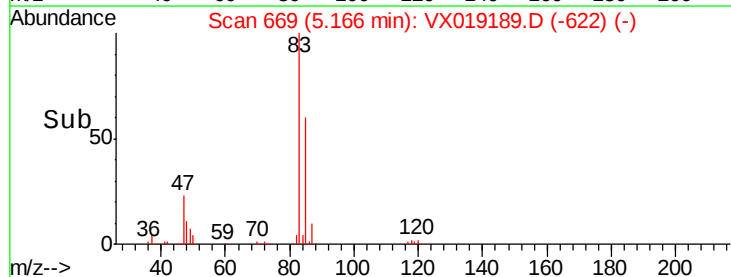
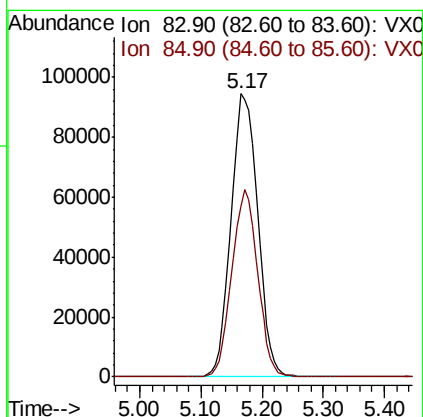
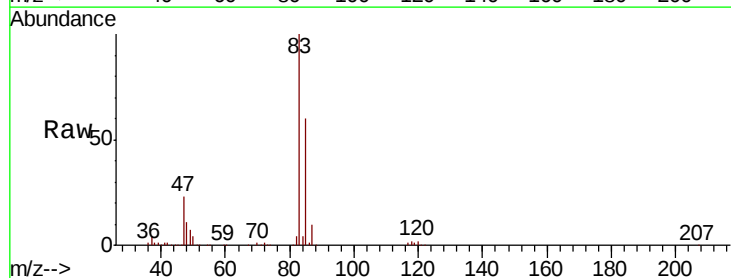
Instrument :
MSVOA_X
ClientSampled :
BFB

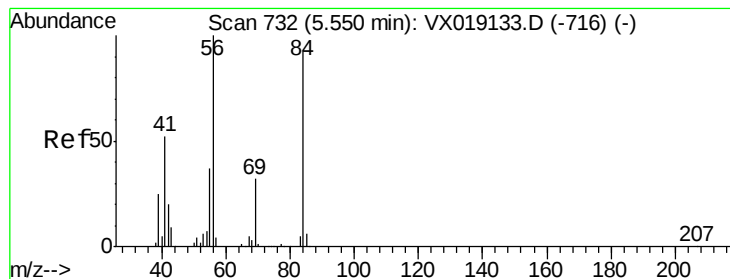
Tot Ion	Ratio	Lower	Upper
42	100		
72	52.5	42.6	63.8
71	48.8	39.7	59.5



#30
Chloroform
Concen: 53.840 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.2	51.9	77.9





#31

Cvclohexane

Concen: 53.122 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

BFB

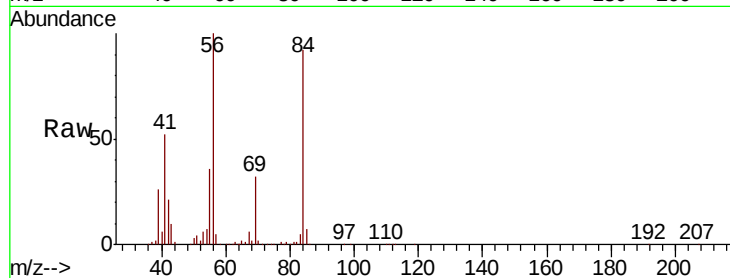
Tot Ion: 56 Resp: 235834

Ion Ratio Lower Upper

56 100

69 32.4 25.9 38.9

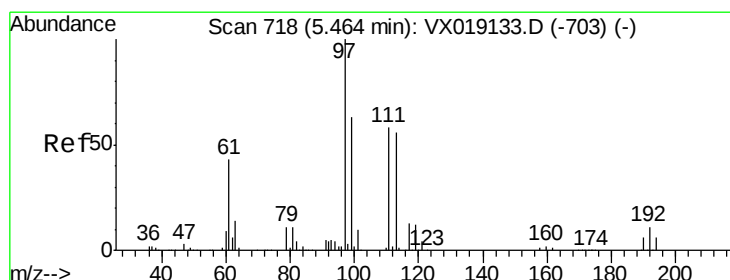
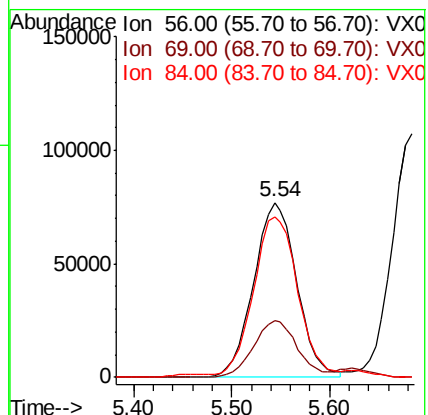
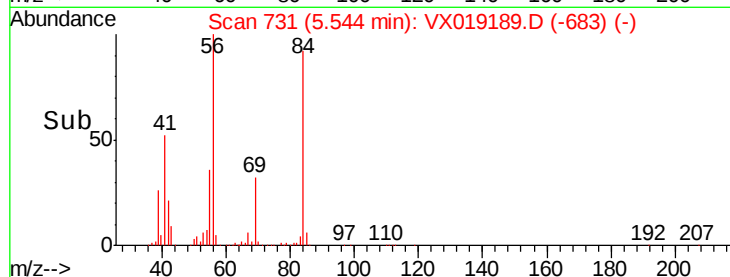
84 90.3 73.4 110.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 53.474 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

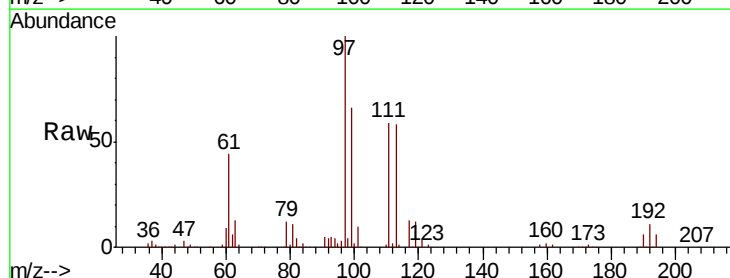
Tgt Ion: 97 Resp: 256795

Ion Ratio Lower Upper

97 100

99 64.8 51.7 77.5

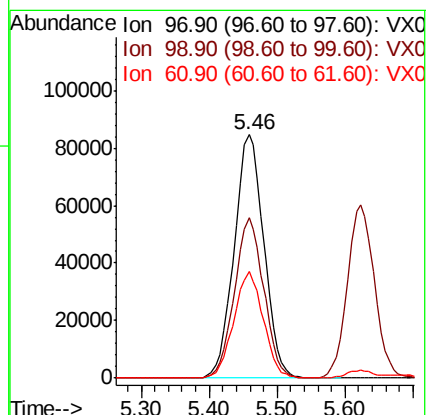
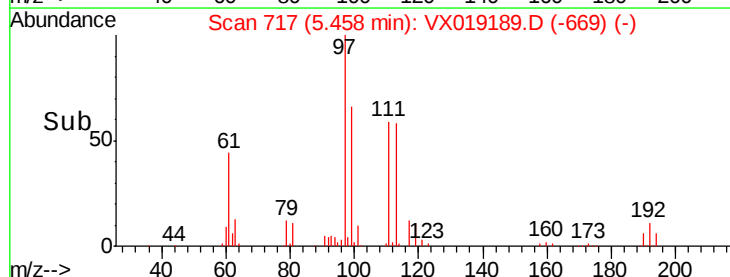
61 43.5 34.2 51.2

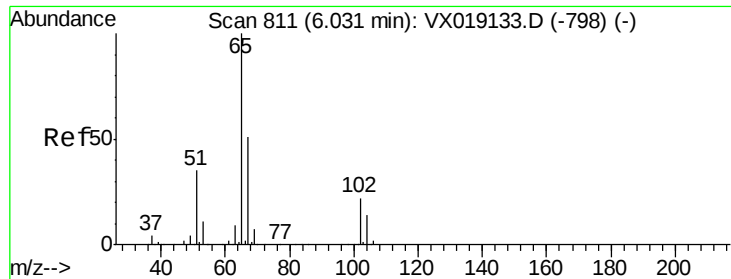


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.949 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

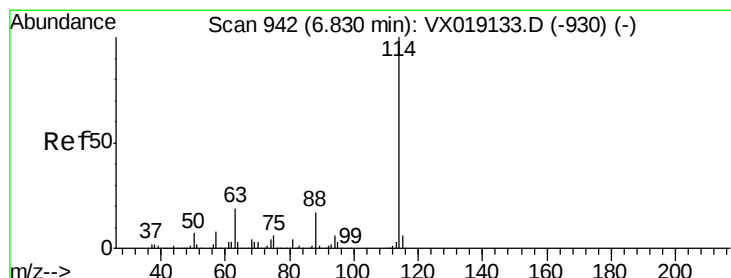
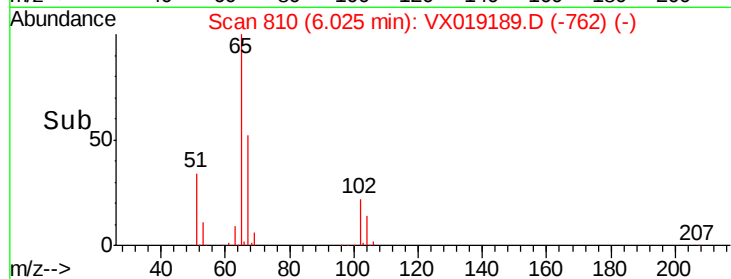
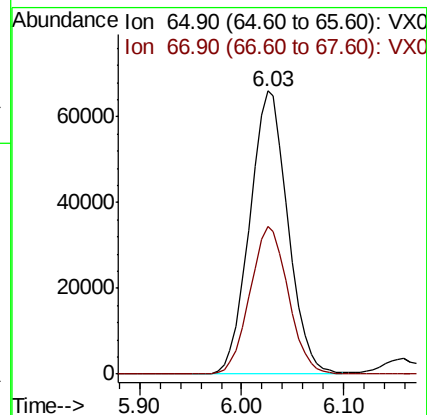
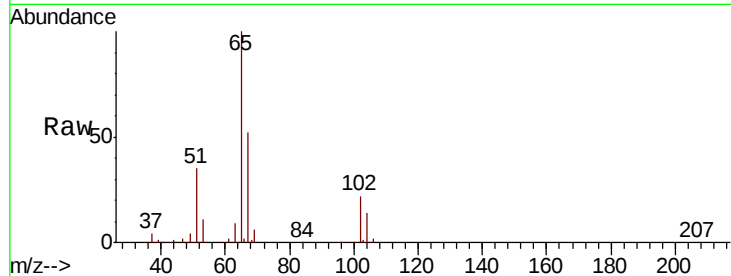
BFB

Tot Ion: 65 Resp: 171908

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

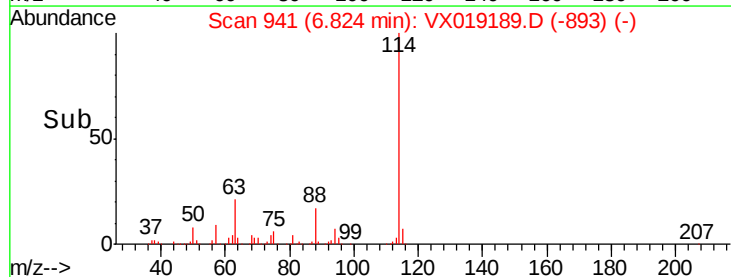
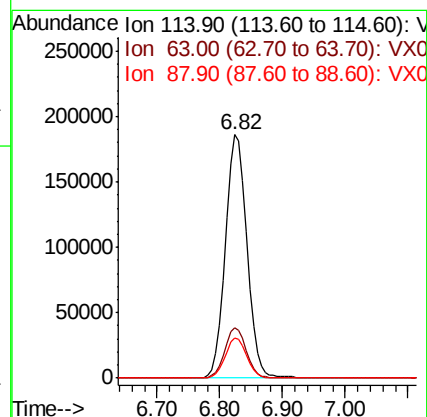
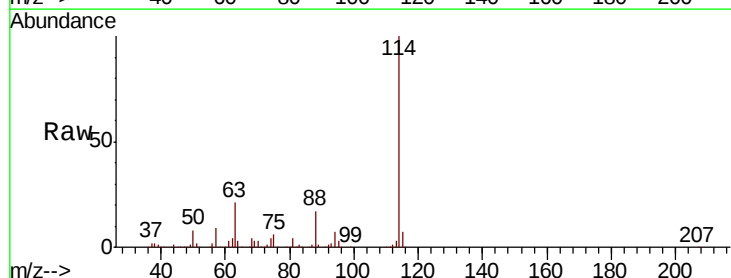
Tgt Ion: 114 Resp: 444427

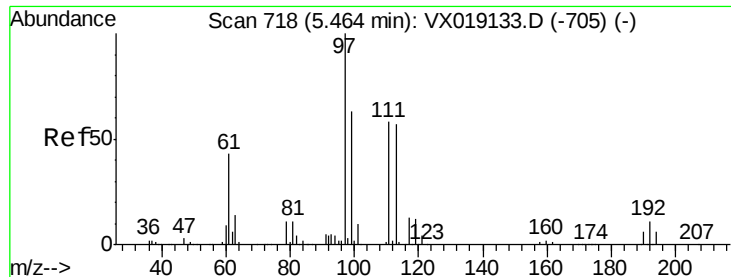
Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.8

88 16.7 0.0 34.2

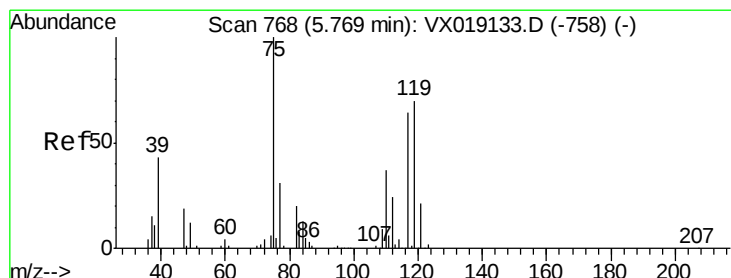
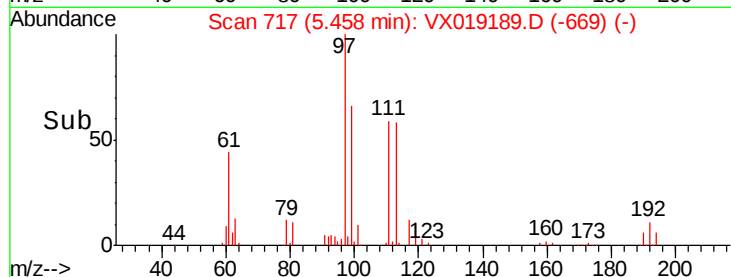
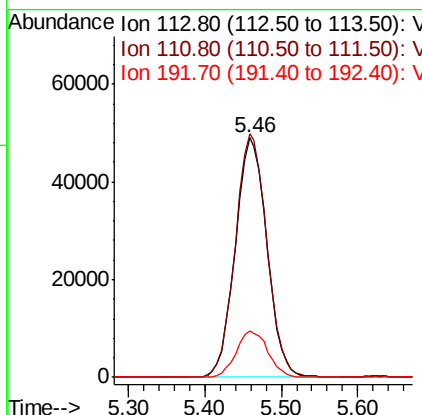
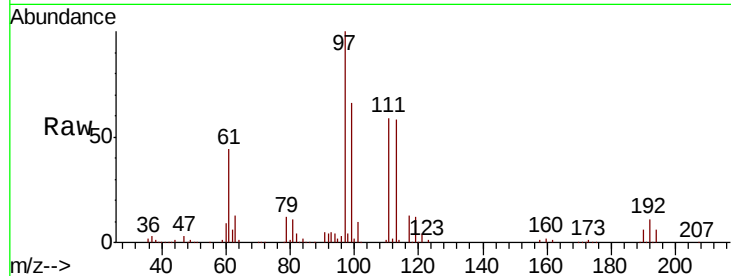




#35
 Dibromofluoromethane
 Concen: 50.478 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

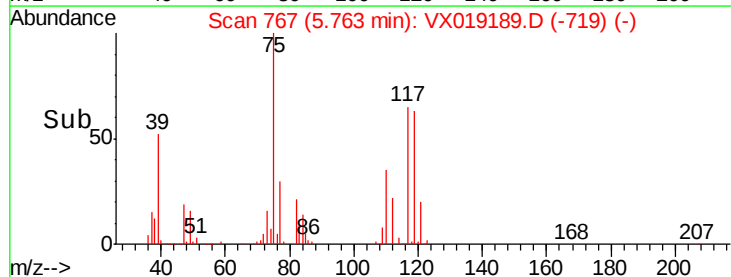
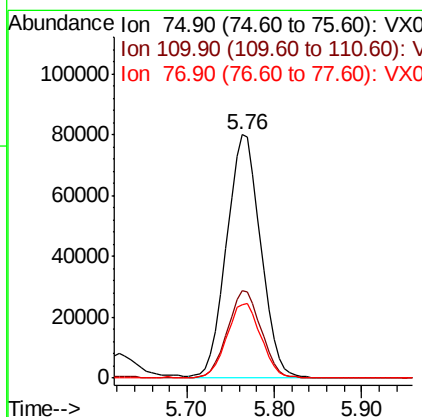
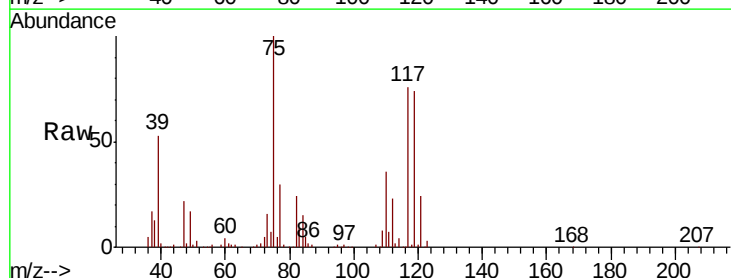
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

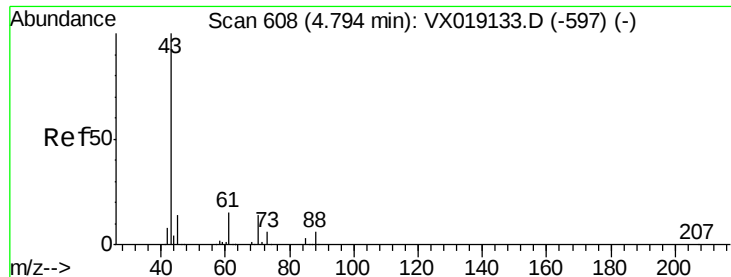
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.3	123.5
192	19.5	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 52.814 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.3	54.9
77	30.8	24.9	37.3

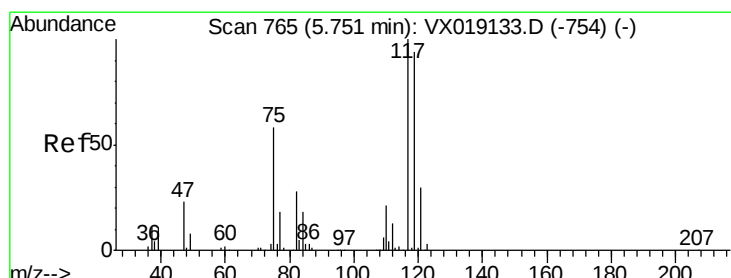
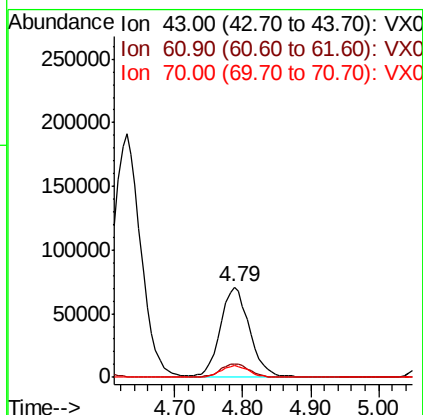
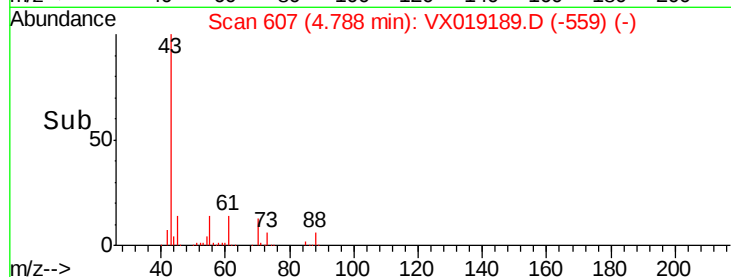
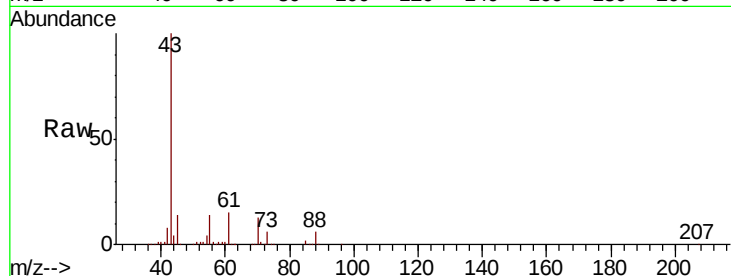




#37
Ethyl Acetate
Concen: 55.085 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

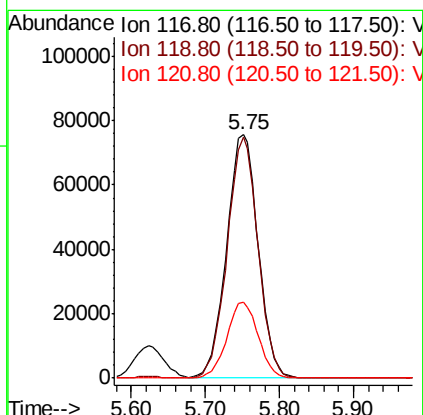
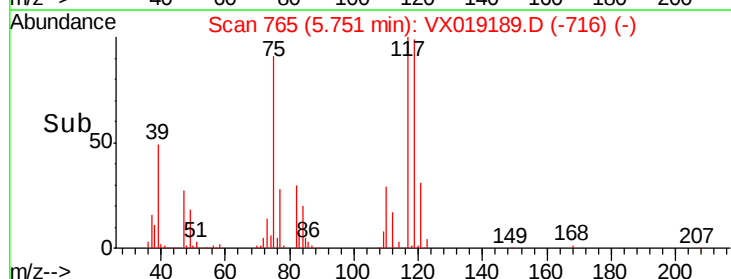
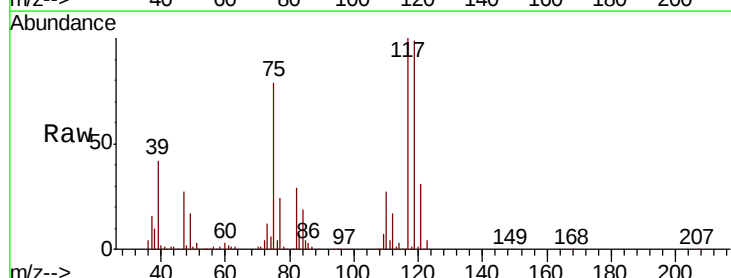
Instrument :
MSVOA_X
ClientSampled :
BFB

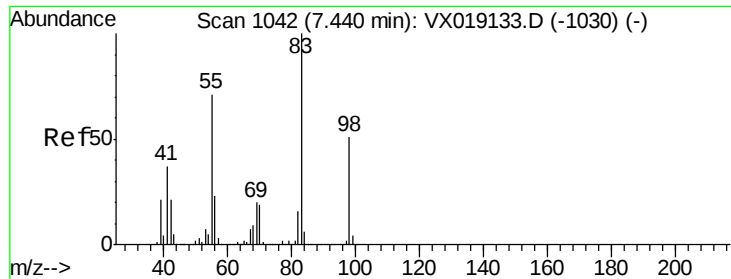
Tot Ion: 43 Resp: 209896
Ion Ratio Lower Upper
43 100
61 15.2 12.5 18.7
70 12.5 10.5 15.7



#38
Carbon Tetrachloride
Concen: 53.474 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion: 117 Resp: 223690
Ion Ratio Lower Upper
117 100
119 98.8 75.0 112.6
121 31.0 23.9 35.9

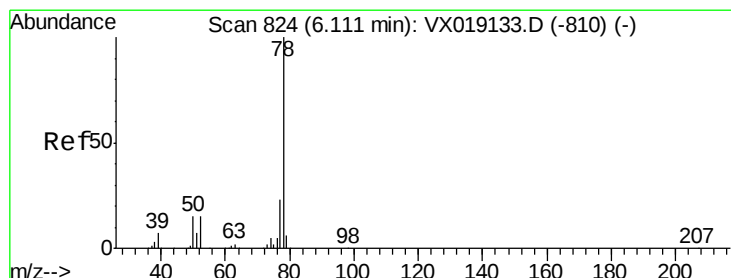
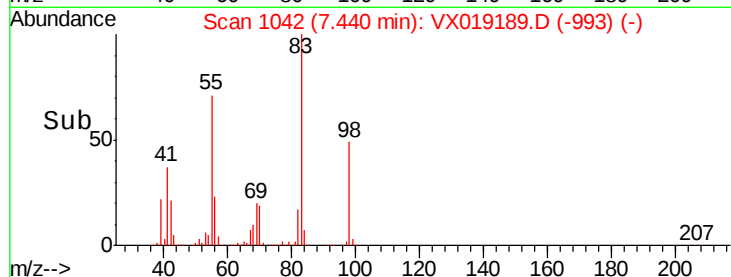
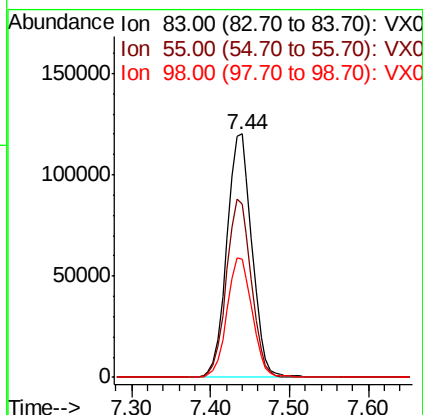
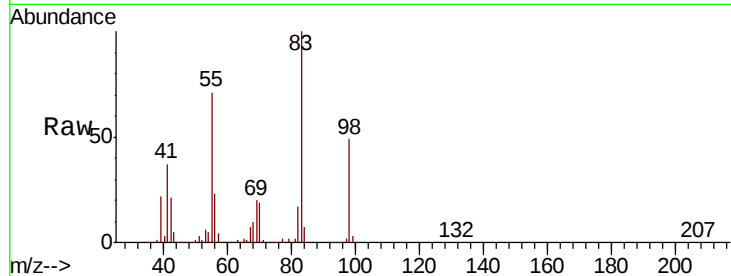




#39
Methvlcvclohexane
Concen: 54.215 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

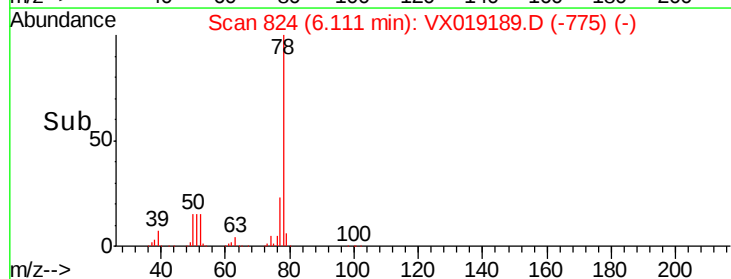
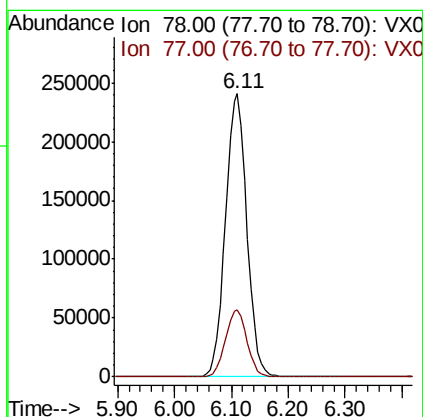
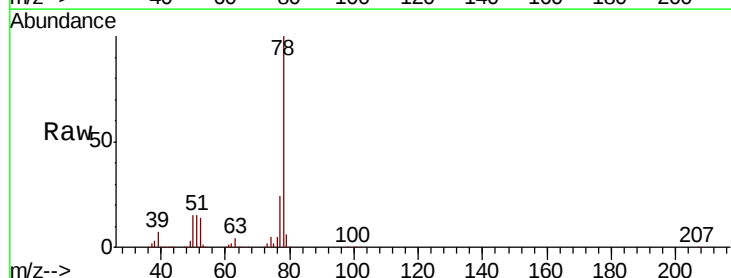
Instrument :
MSVOA_X
ClientSampleId :
BFB

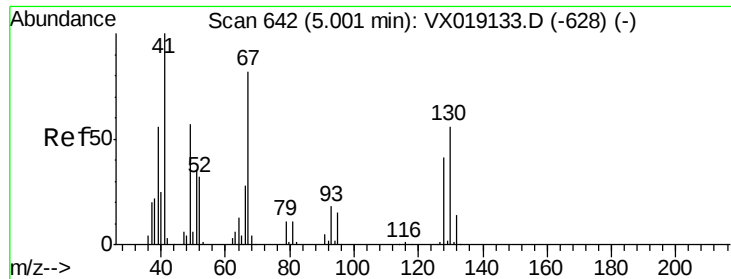
Tot Ion: 83 Resp: 266041
Ion Ratio Lower Upper
83 100
55 71.2 57.0 85.6
98 48.6 40.5 60.7



#40
Benzene
Concen: 53.981 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion: 78 Resp: 628123
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1

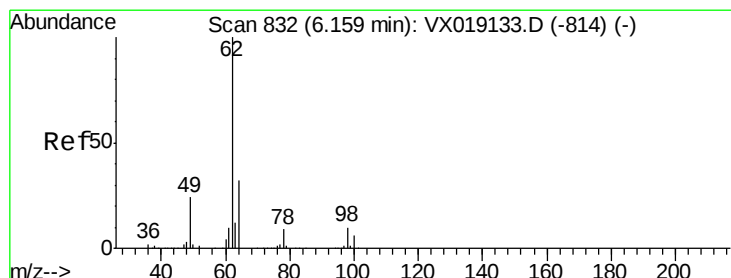
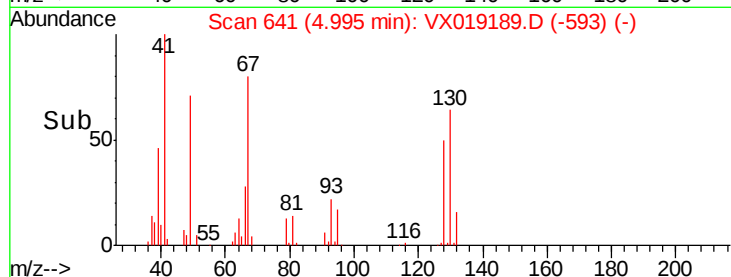
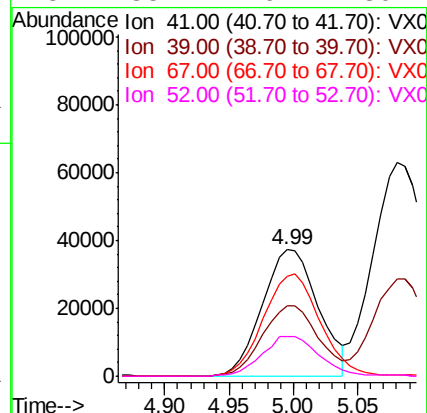
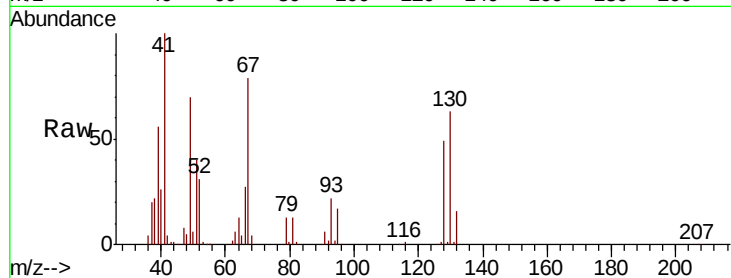




#41
Methacrylonitrile
Concen: 55.027 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

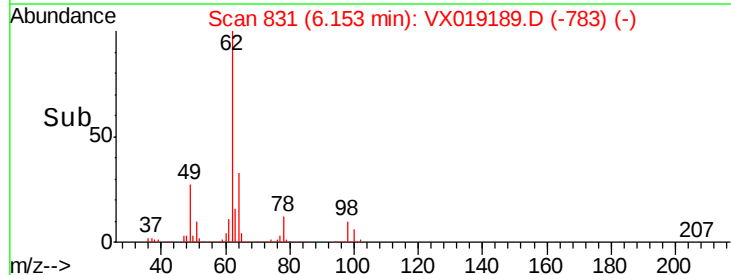
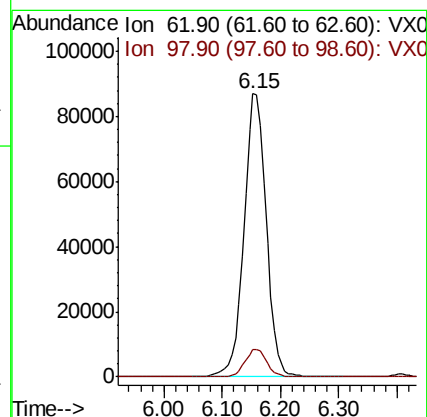
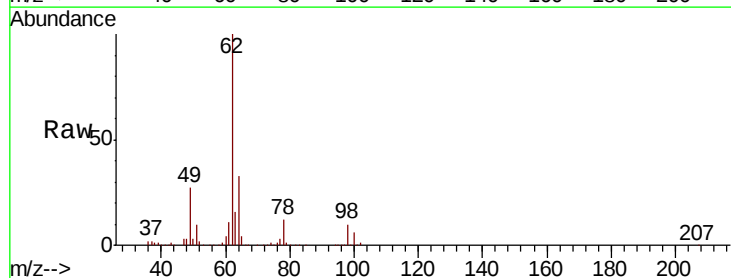
Instrument :
MSVOA_X
ClientSampled :
BFB

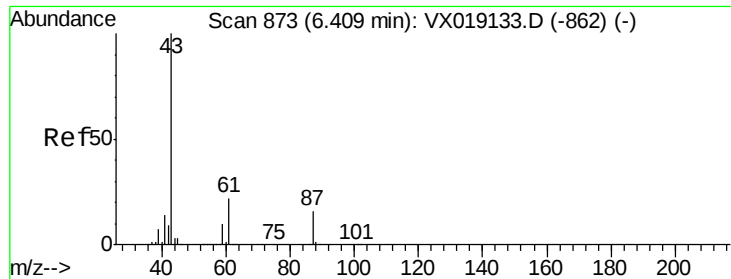
Tot Ion:	41	Resp:	112917
Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.4	66.6
67	81.8	66.4	99.6
52	33.2	26.2	39.4



#42
1,2-Dichloroethane
Concen: 53.732 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion:	62	Resp:	230426
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43

Isopropyl Acetate

Concen: 54.220 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

BFB

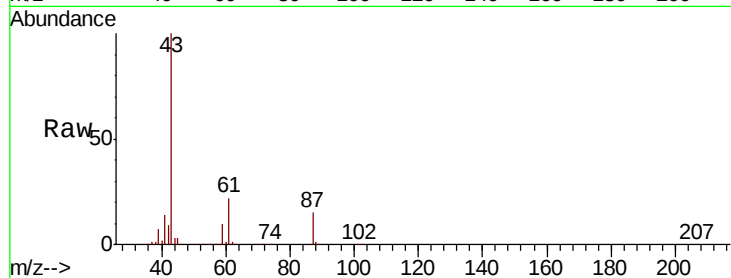
Tot Ion: 43 Resp: 345936

Ion Ratio Lower Upper

43 100

61 22.3 17.8 26.6

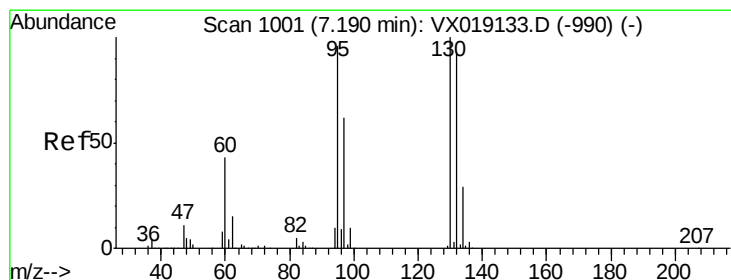
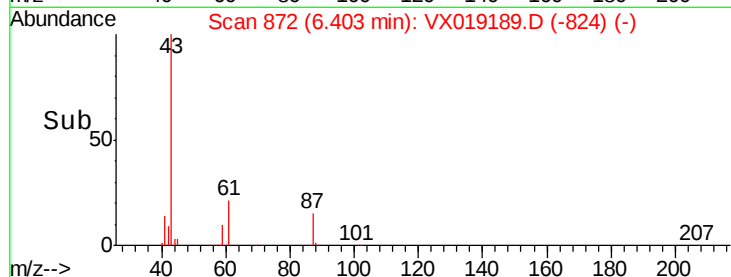
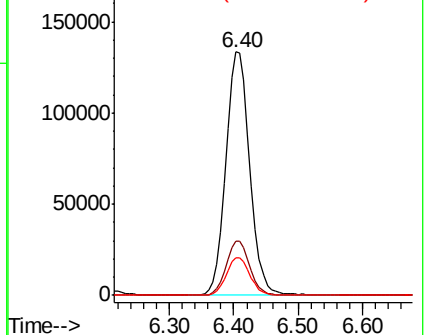
87 15.4 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.217 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX019189.D

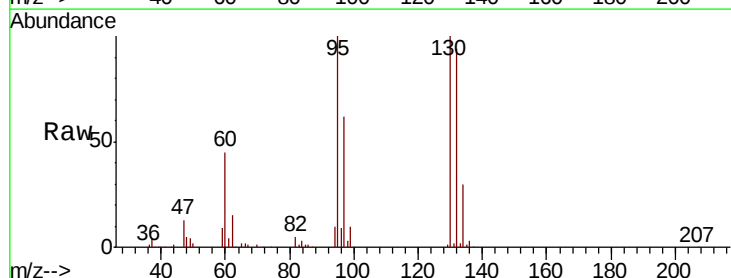
Acq: 29 Oct 2020 15:20

Tgt Ion:130 Resp: 170678

Ion Ratio Lower Upper

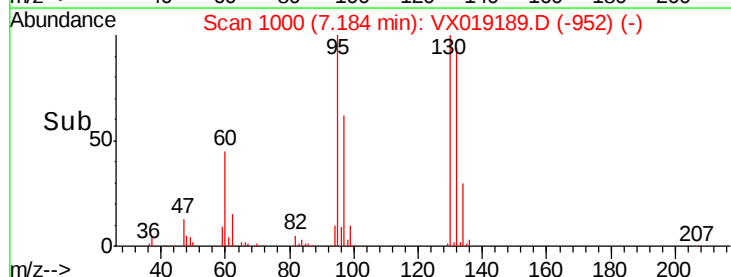
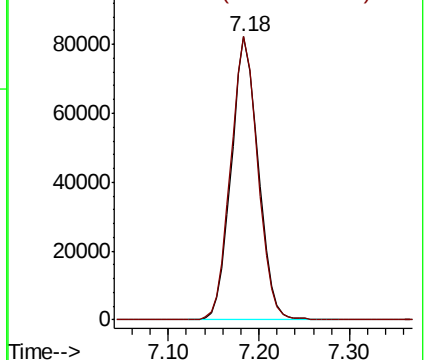
130 100

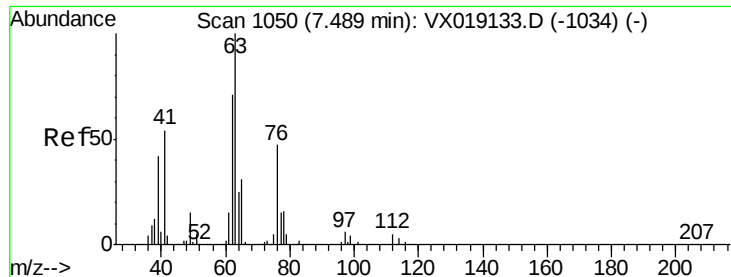
95 100.0 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 55.799 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampled :

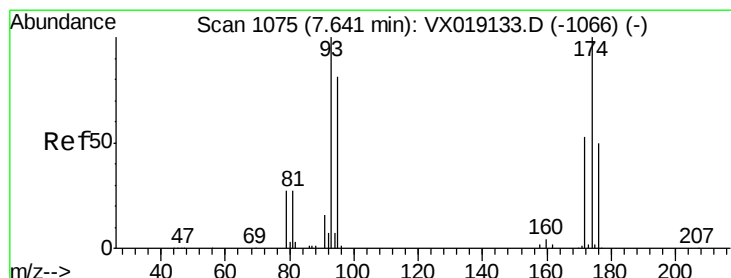
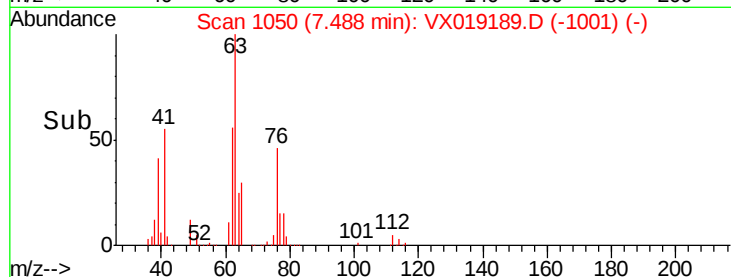
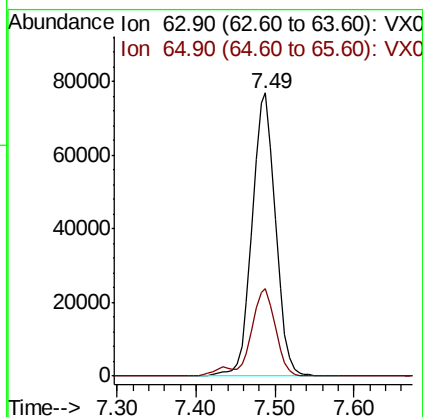
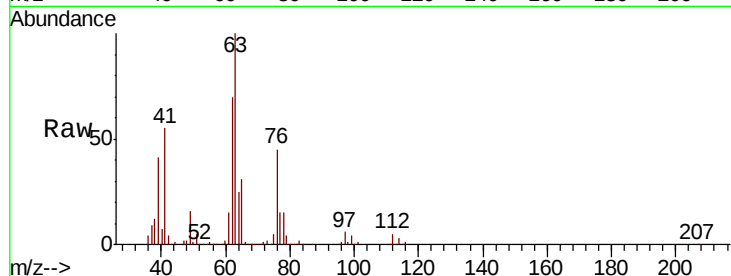
BFB

Tot Ion: 63 Resp: 159031

Ion Ratio Lower Upper

63 100

65 30.8 25.2 37.8



#46

Dibromomethane

Concen: 52.548 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

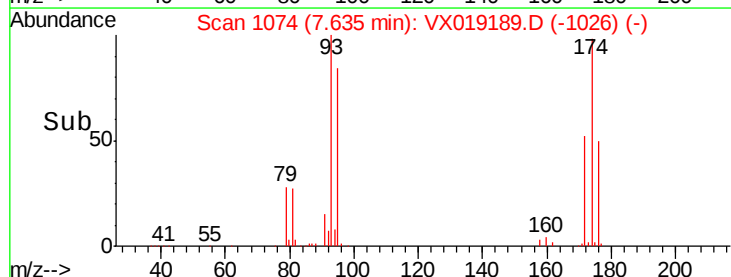
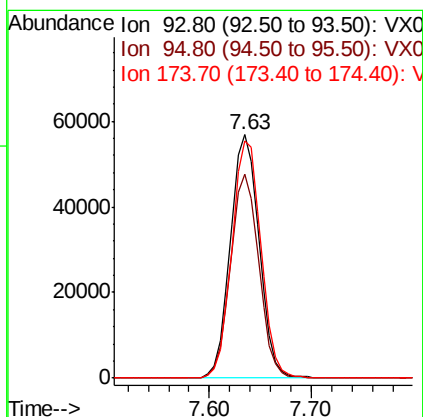
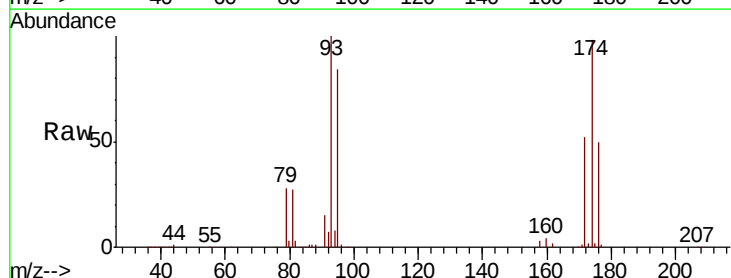
Tgt Ion: 93 Resp: 110745

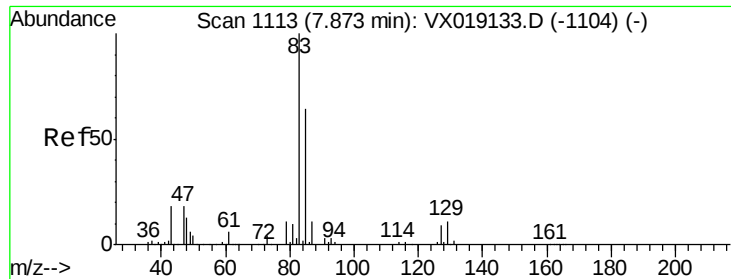
Ion Ratio Lower Upper

93 100

95 82.6 67.0 100.6

174 98.9 81.7 122.5





#47

Bromodichloromethane

Concen: 54.690 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

BFB

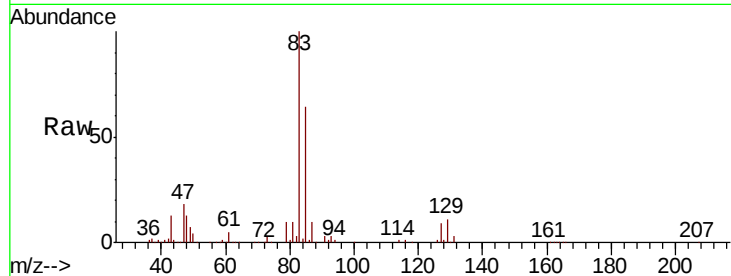
Tot Ion: 83 Resp: 227184

Ion Ratio Lower Upper

83 100

85 64.4 51.2 76.8

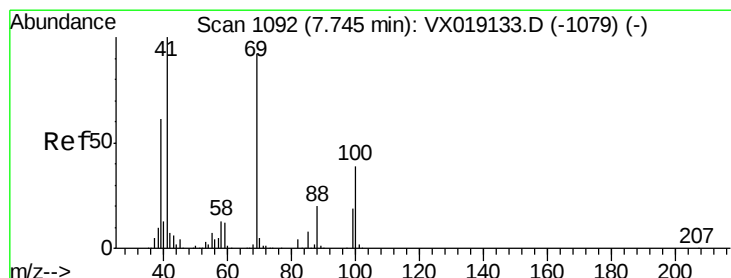
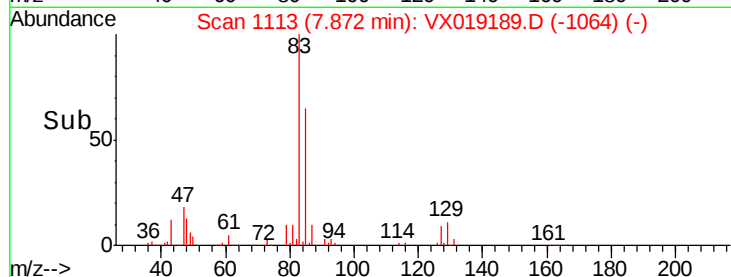
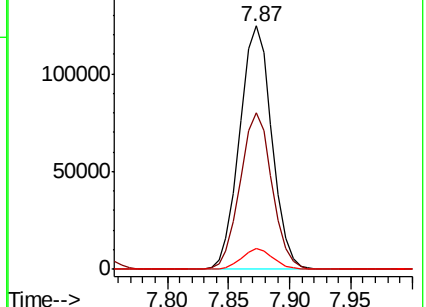
127 8.5 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.620 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

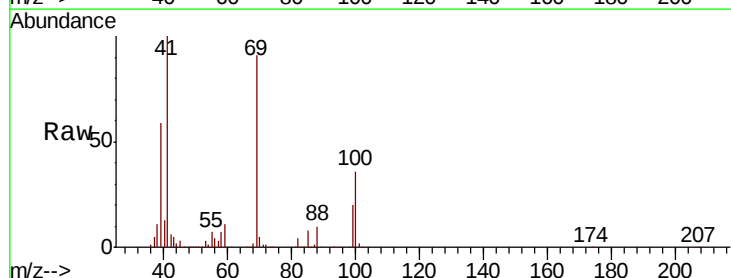
Tgt Ion: 41 Resp: 170802

Ion Ratio Lower Upper

41 100

69 92.9 75.5 113.3

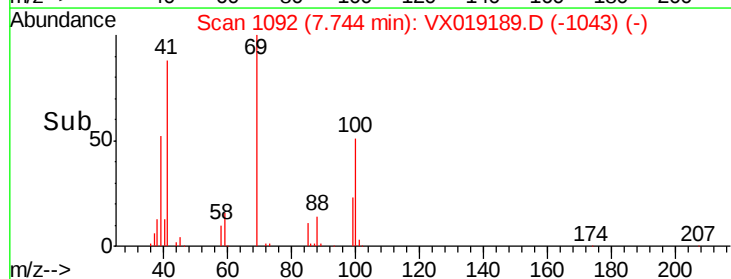
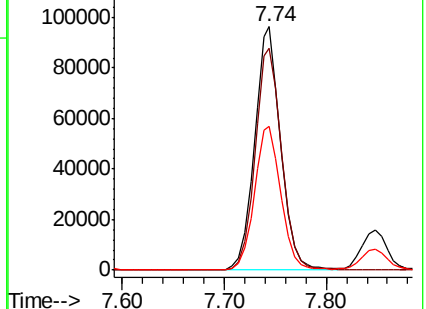
39 60.0 48.9 73.3

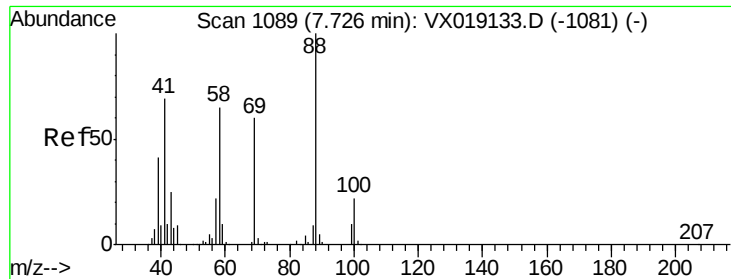


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

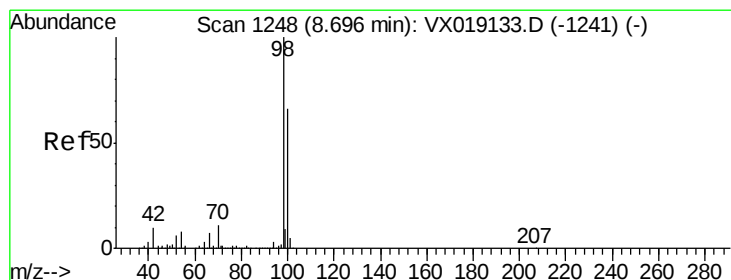
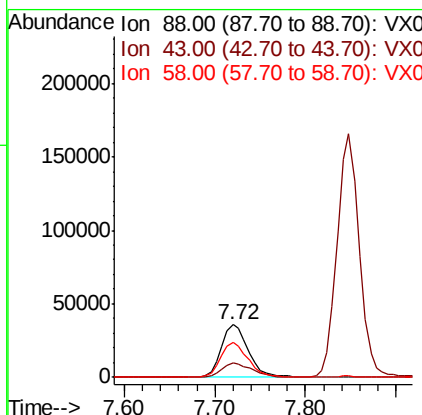
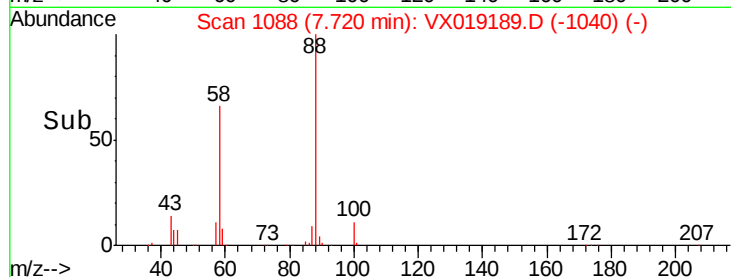
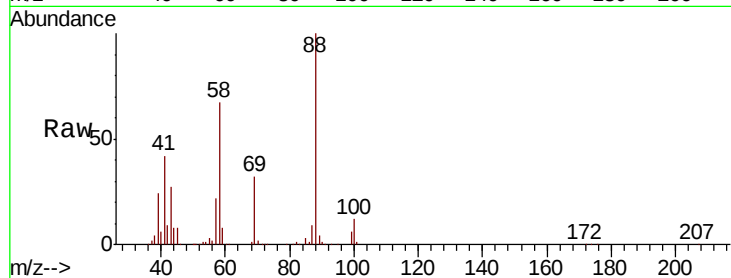




#49
1,4-Dioxane
Concen: 1094.330 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

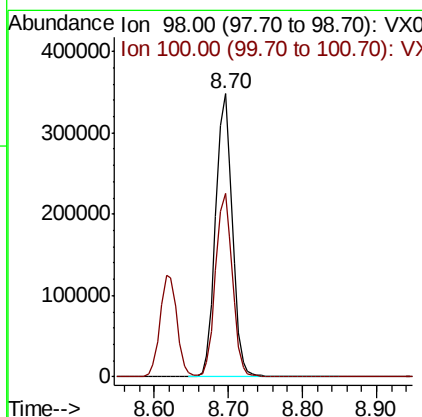
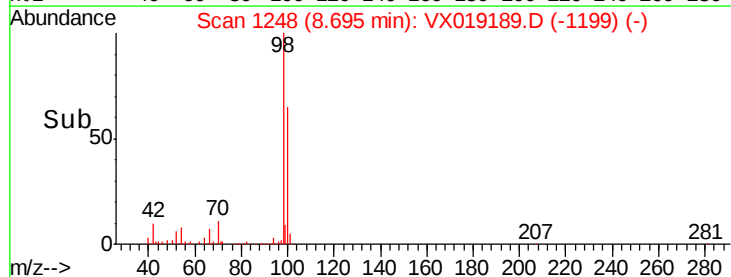
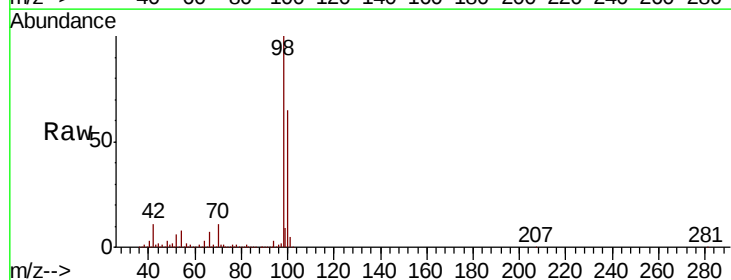
Instrument :
MSVOA_X
ClientSampleId :
BFB

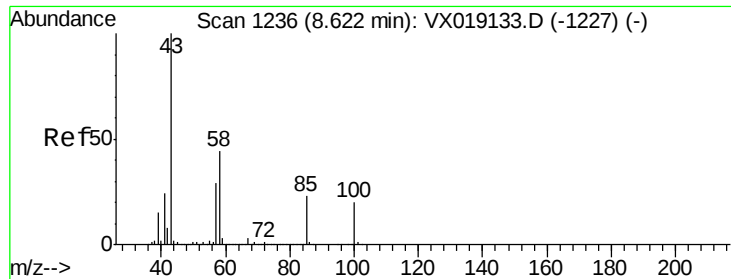
Tot Ion: 88 Resp: 74735
Ion Ratio Lower Upper
88 100
43 30.1 23.0 34.6
58 67.3 52.2 78.2



#50
Toluene-d8
Concen: 50.905 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion: 98 Resp: 535690
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.6

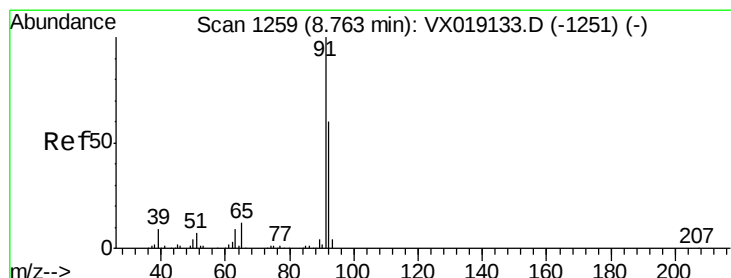
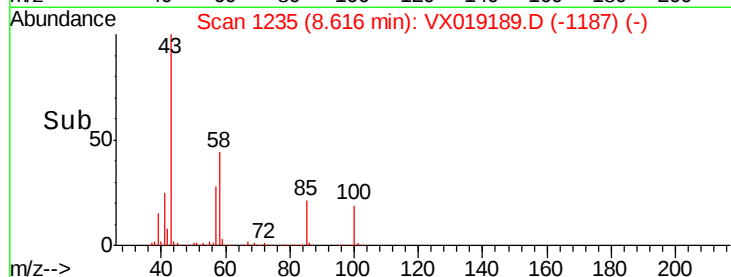
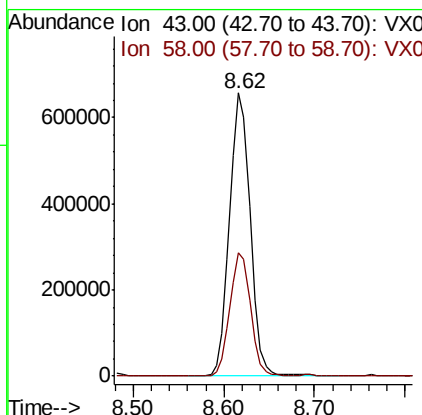
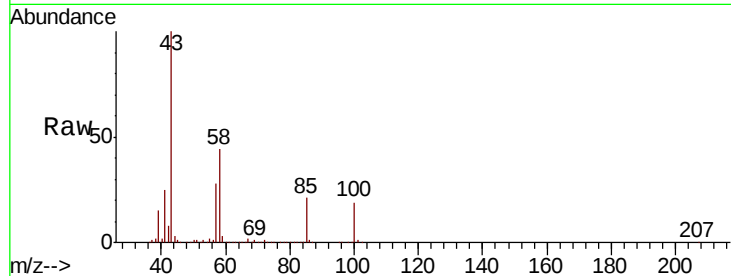




#51
 4-Methyl-2-Pentanone
 Concen: 285.289 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

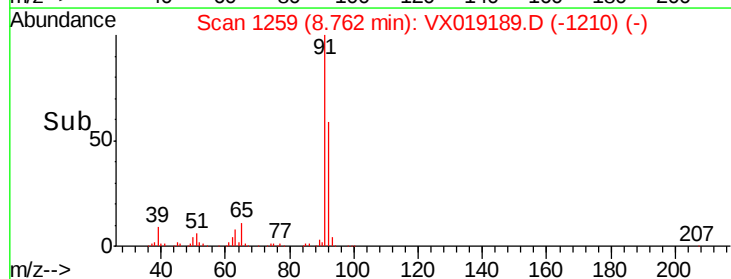
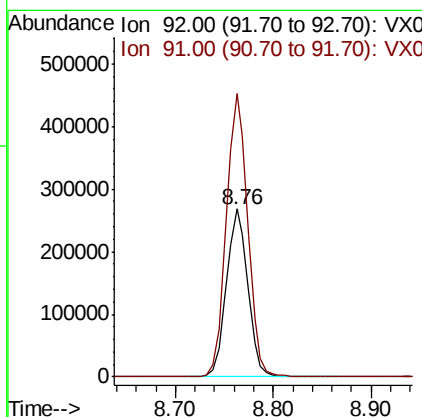
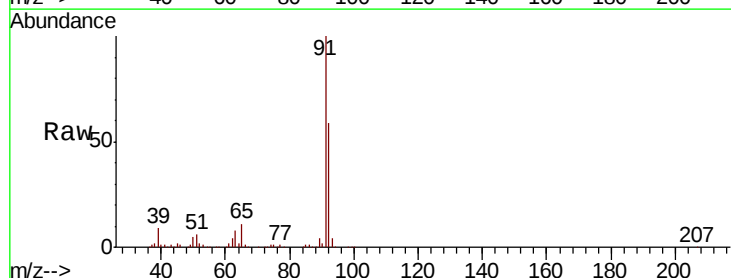
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

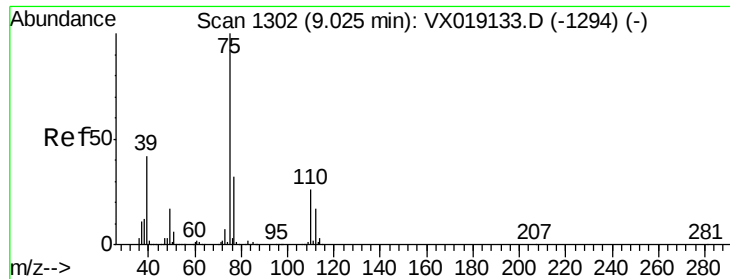
Tot Ion: 43 Resp: 1046169
 Ion Ratio Lower Upper
 43 100
 58 43.7 35.0 52.4



#52
 Toluene
 Concen: 54.143 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Tgt Ion: 92 Resp: 405765
 Ion Ratio Lower Upper
 92 100
 91 169.7 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 53.893 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

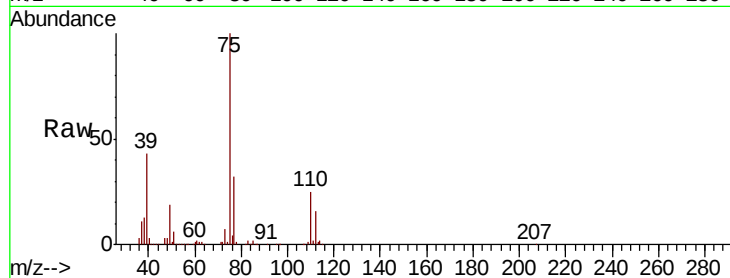
BFB

Tot Ion: 75 Resp: 255703

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

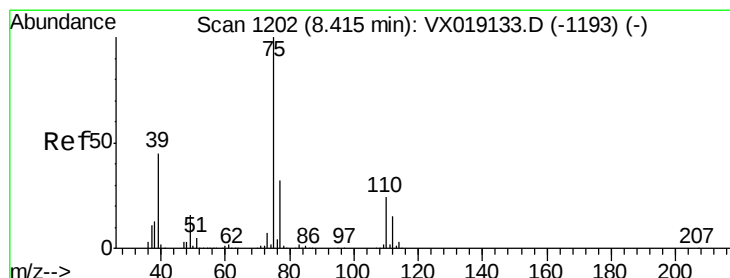
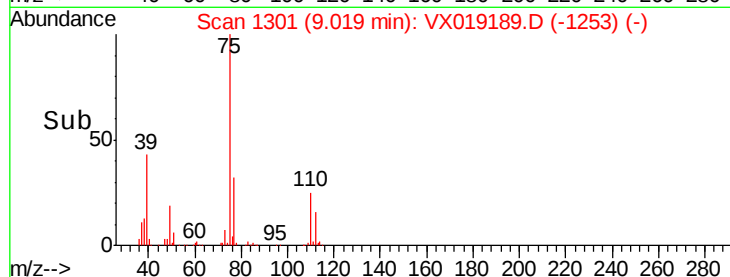
150000

100000

50000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 54.697 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

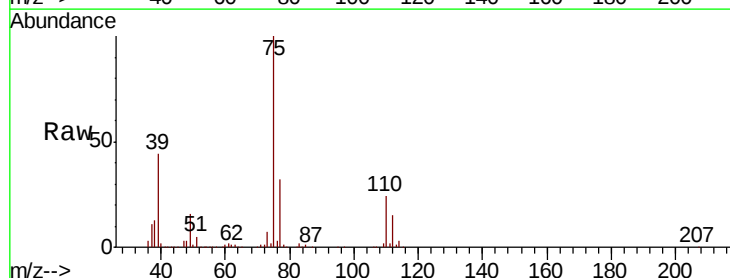
Tgt Ion: 75 Resp: 272900

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 44.3 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

200000

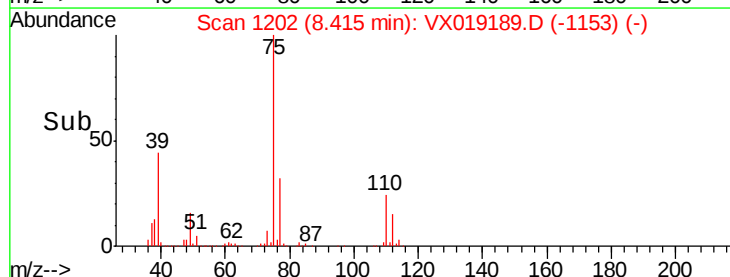
150000

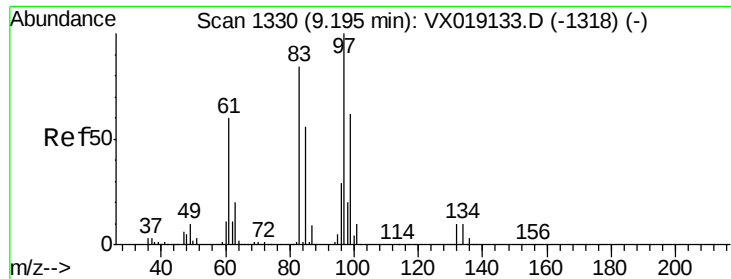
100000

50000

0

Time--> 8.30 8.40 8.50

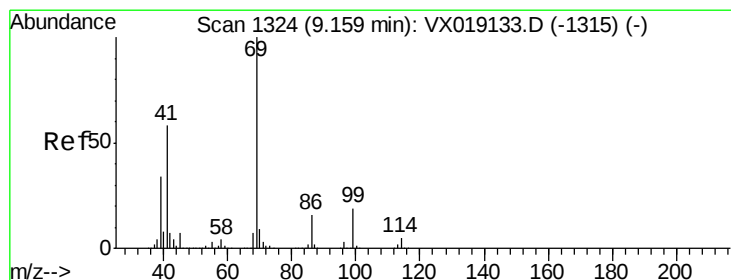
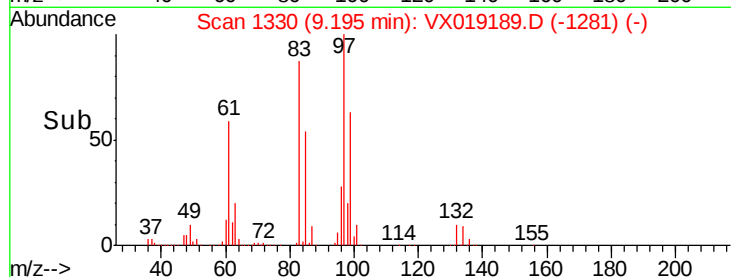
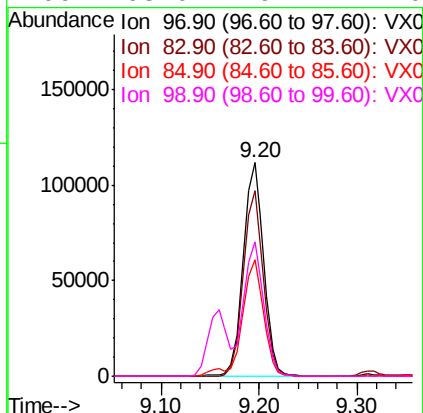
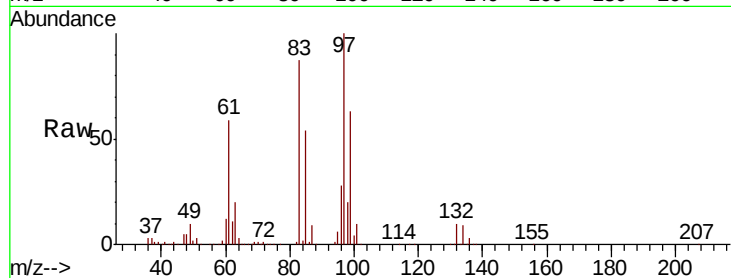




#55
 1,1,2-Trichloroethane
 Concen: 54.722 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

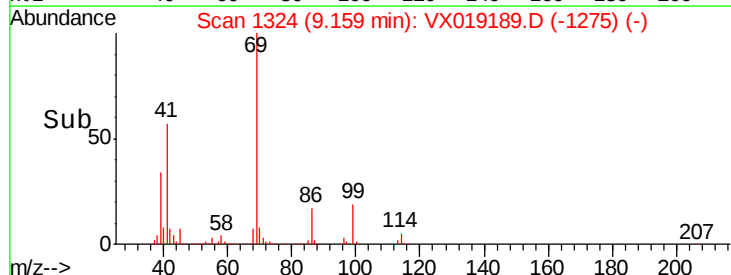
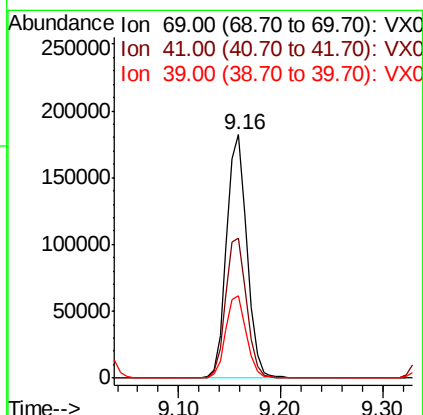
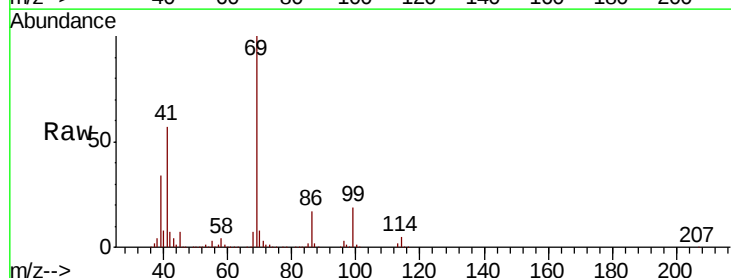
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

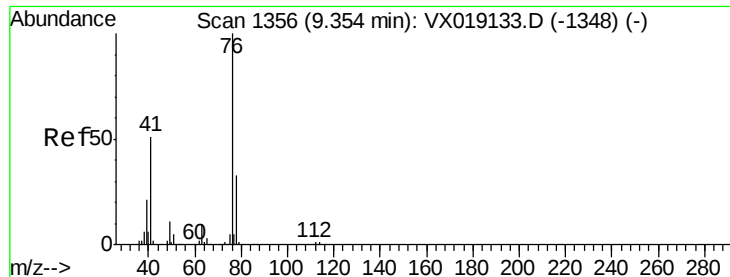
Tot Ion:	97	Resp:	162037
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.2	100.8
85	54.3	44.6	67.0
99	63.0	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 56.066 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Tgt Ion:	69	Resp:	250762
Ion	Ratio	Lower	Upper
69	100		
41	59.5	46.5	69.7
39	34.7	27.6	41.4





#57

1,3-Dichloropropane

Concen: 54.432 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampled :

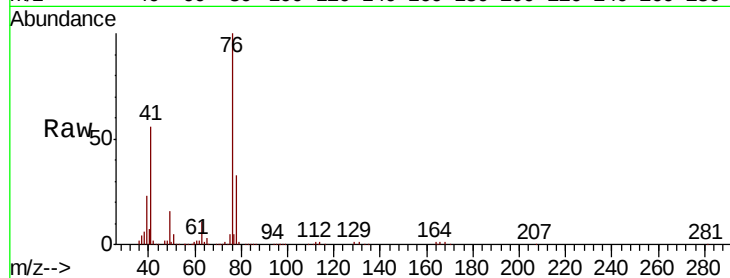
BFB

Tot Ion: 76 Resp: 271746

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

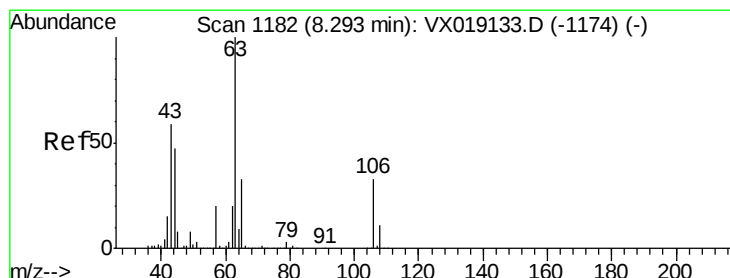
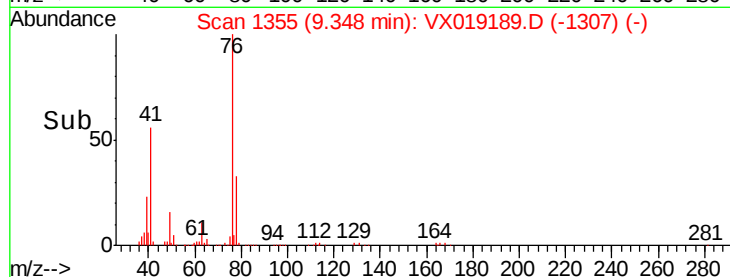
100000

50000

0

9.30 9.40

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 209.688 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019189.D

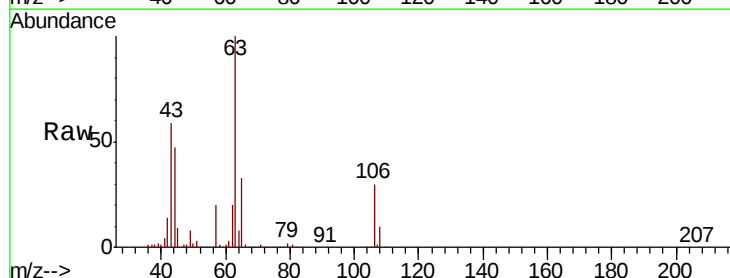
Acq: 29 Oct 2020 15:20

Tgt Ion: 63 Resp: 524504

Ion Ratio Lower Upper

63 100

106 30.3 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

300000

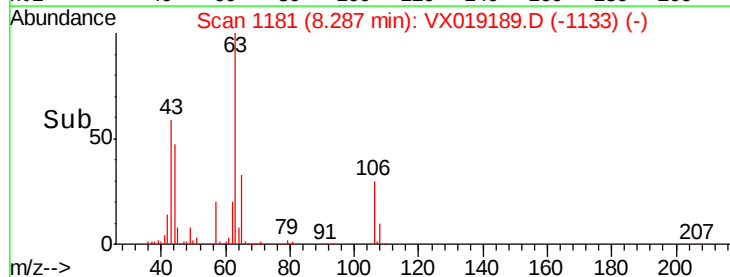
200000

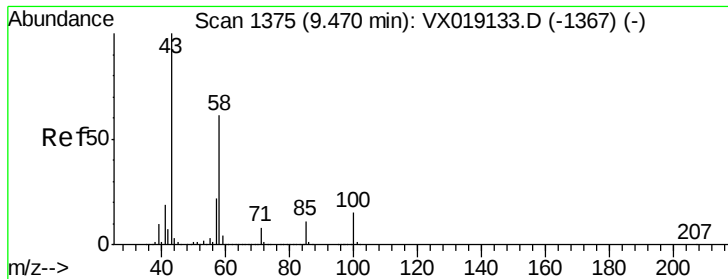
100000

0

8.20 8.30 8.40

Time-->

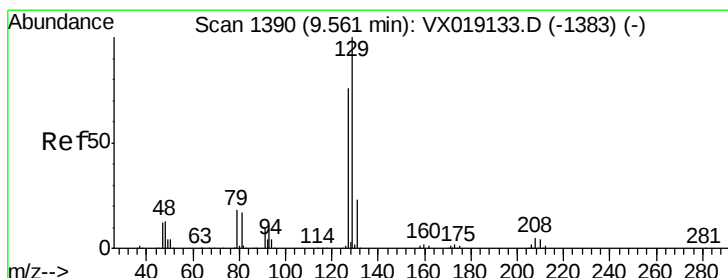
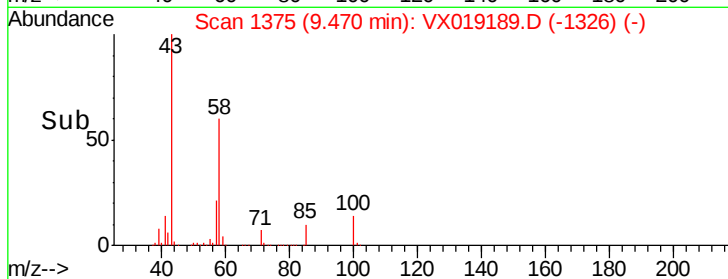
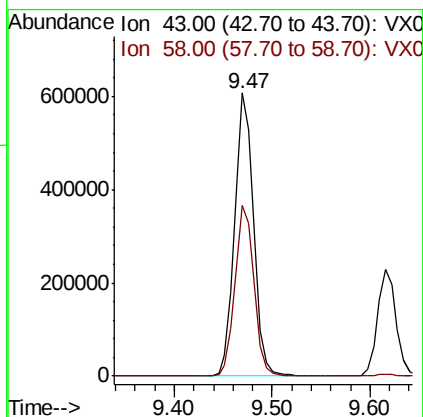
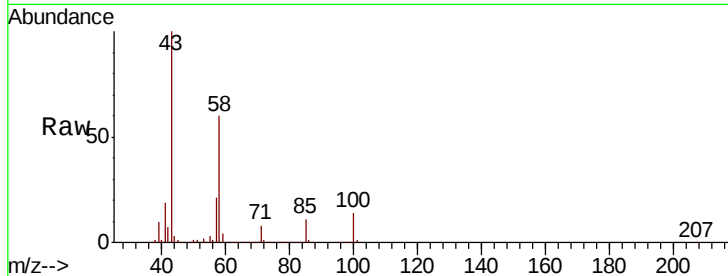




#59
2-Hexanone
Concen: 291.736 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

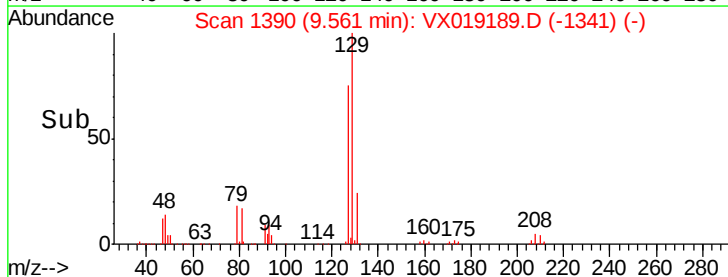
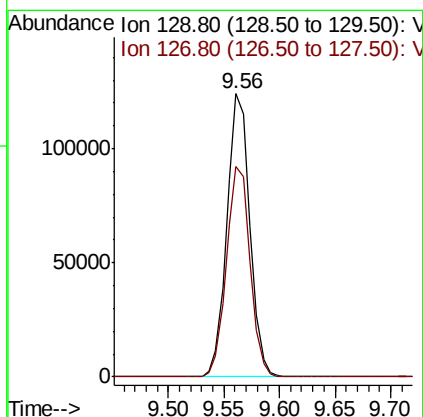
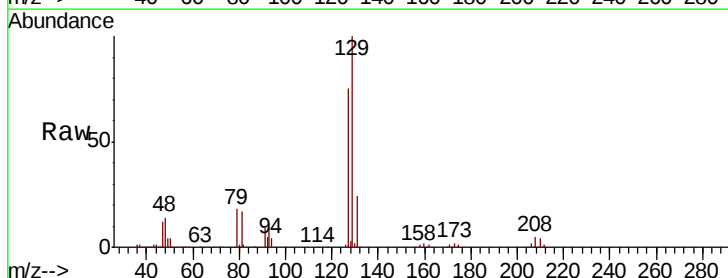
Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion: 43 Resp: 814350
Ion Ratio Lower Upper
43 100
58 60.8 30.5 91.5



#60
Dibromochloromethane
Concen: 54.996 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion: 129 Resp: 176733
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 54.075 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampled :

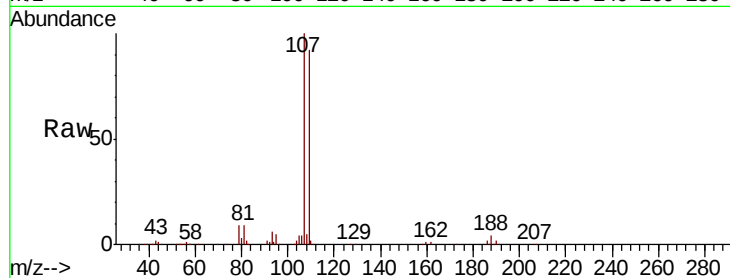
BFB

Tot Ion:107 Resp: 171226

Ion Ratio Lower Upper

107 100

109 93.1 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

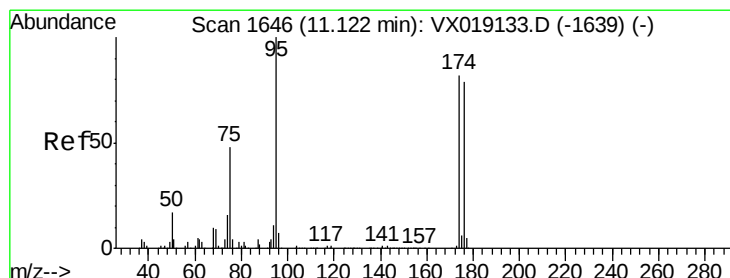
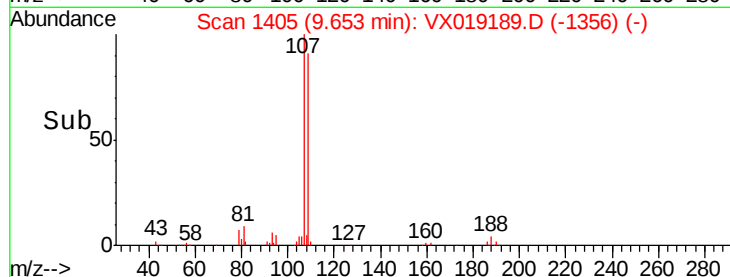
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.443 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

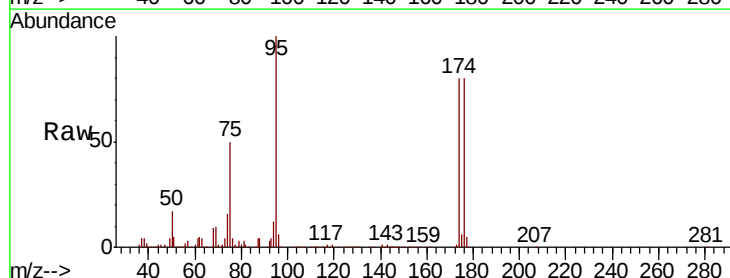
Tgt Ion: 95 Resp: 205016

Ion Ratio Lower Upper

95 100

174 76.9 0.0 156.0

176 74.9 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

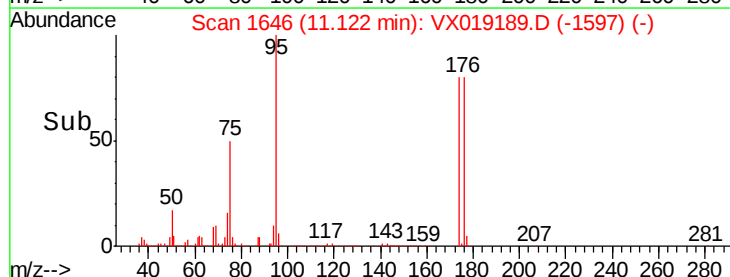
150000

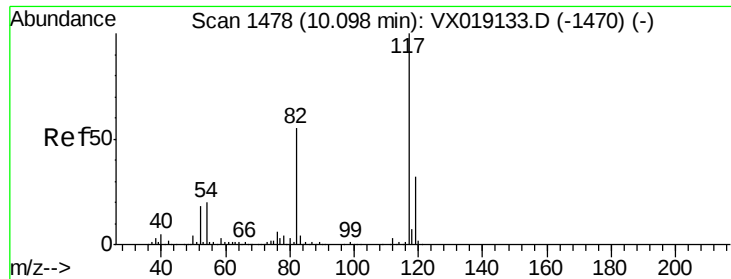
100000

50000

0

Time-->

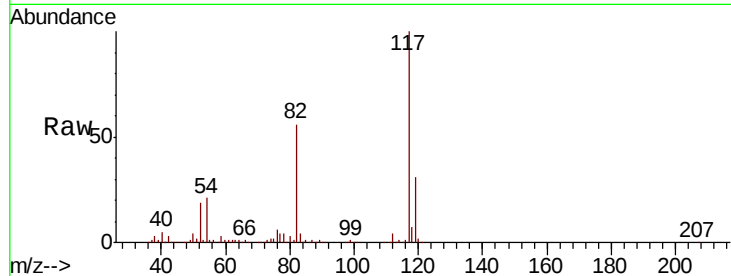




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.6	65.4
119	31.2	25.5	38.3

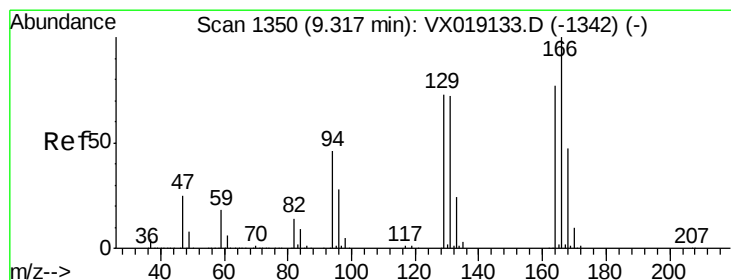
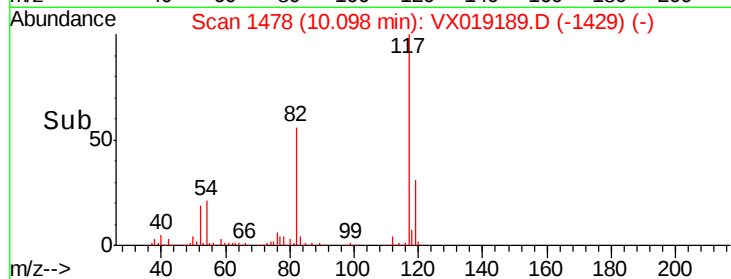
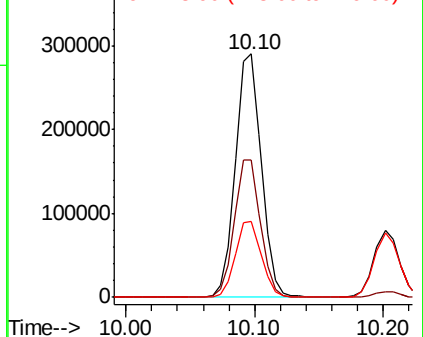


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 51.291 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	104.1	156.1
129	92.5	76.2	114.4
131	90.2	74.6	112.0

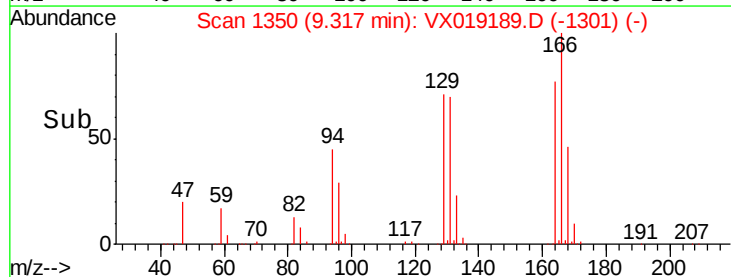
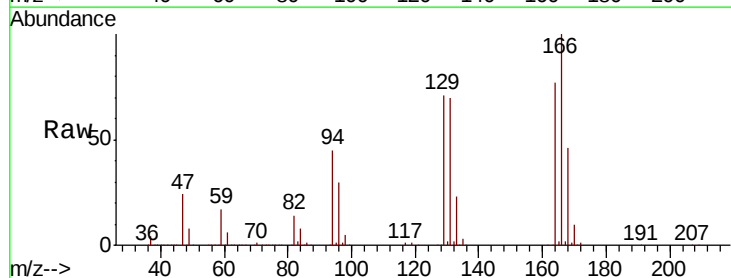
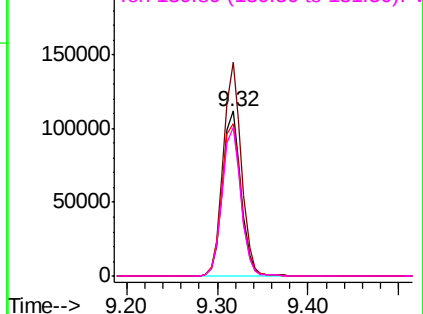
Abundance

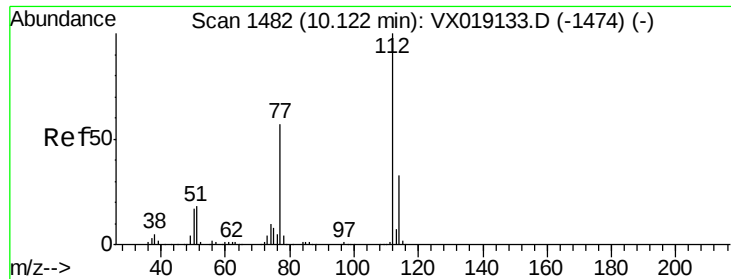
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

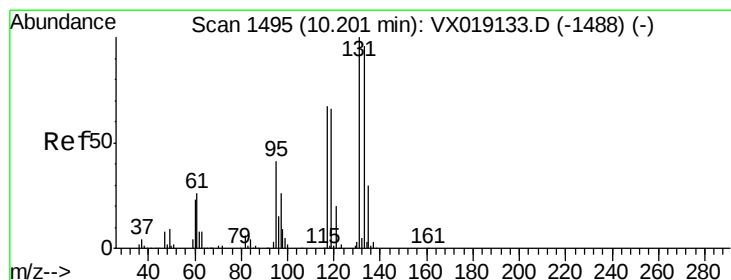
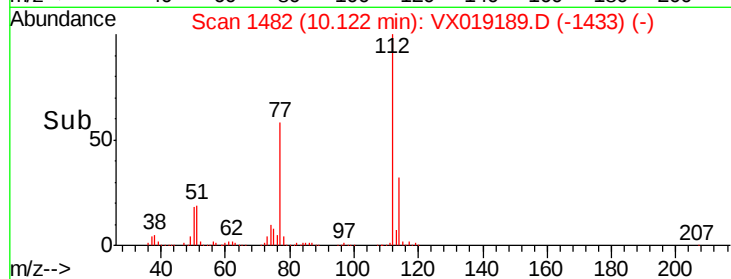
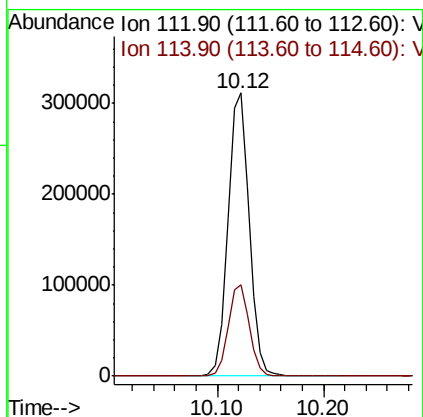
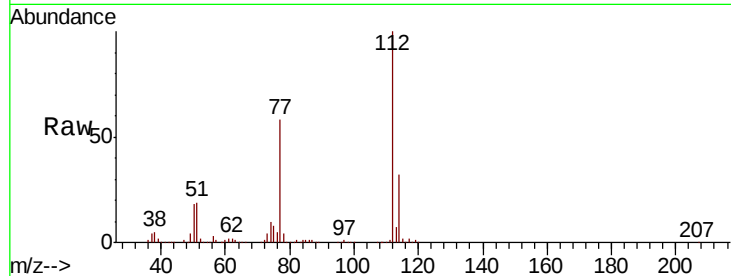




#65
Chlorobenzene
Concen: 52.178 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

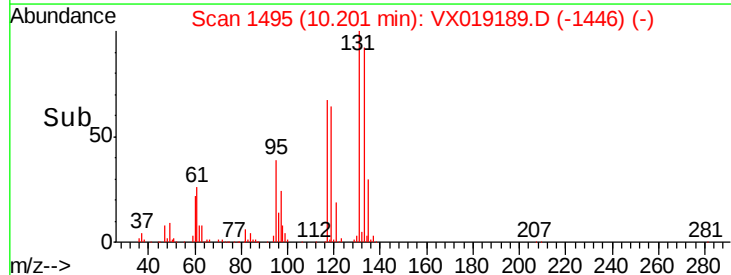
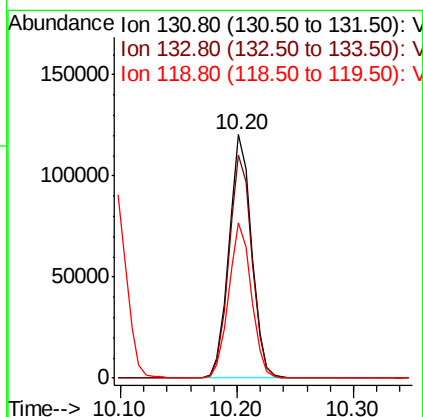
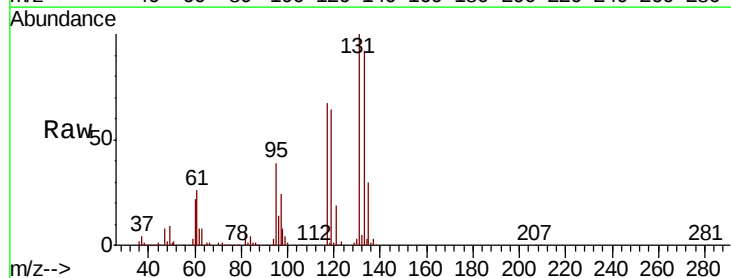
Instrument :
MSVOA_X
ClientSampleId :
BFB

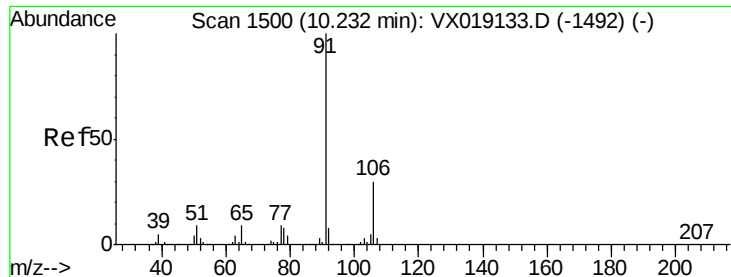
Tot Ion:112 Resp: 434603
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 54.202 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion:131 Resp: 162527
Ion Ratio Lower Upper
131 100
133 93.5 47.3 141.8
119 64.0 32.3 96.9

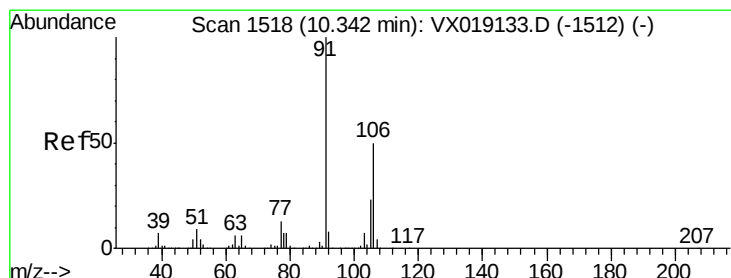
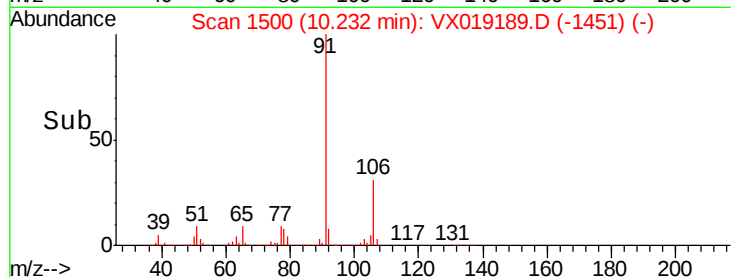
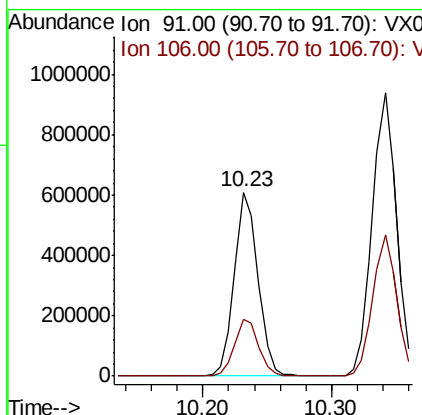
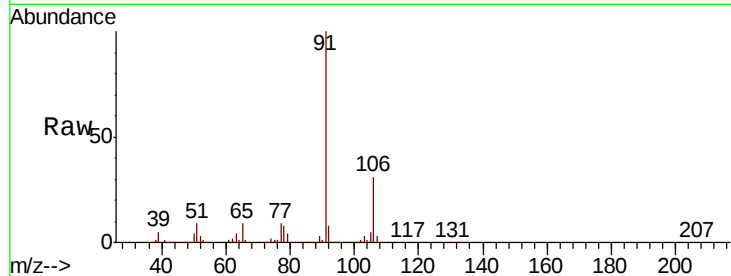




#67
Ethyl Benzene
Concen: 53.047 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

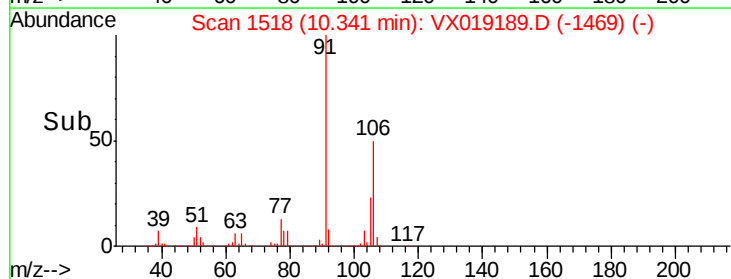
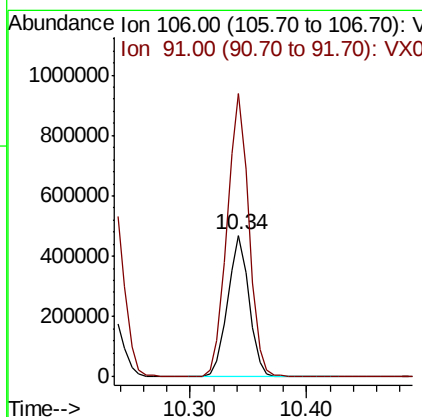
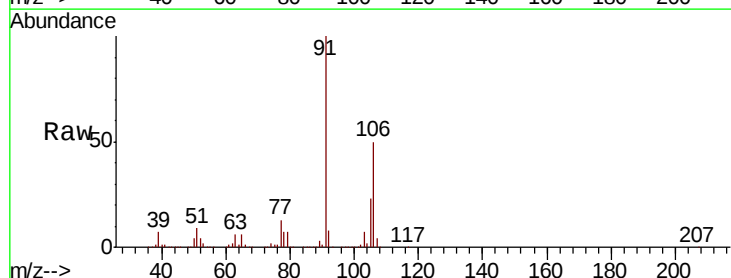
Instrument :
MSVOA_X
ClientSampled :
BFB

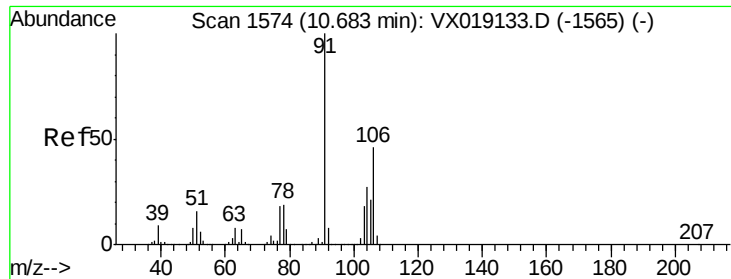
Tot Ion: 91 Resp: 787327
Ion Ratio Lower Upper
91 100
106 30.8 24.3 36.5



#68
m/p-Xylenes
Concen: 108.169 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion: 106 Resp: 602556
Ion Ratio Lower Upper
106 100
91 202.7 161.0 241.4

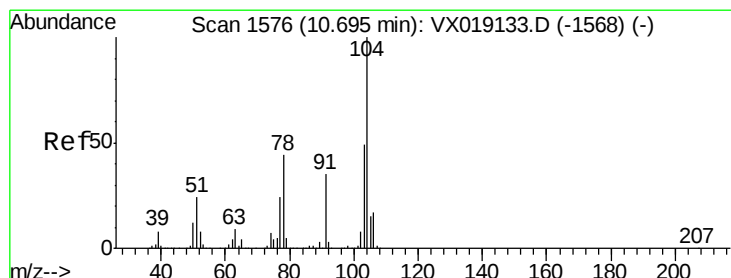
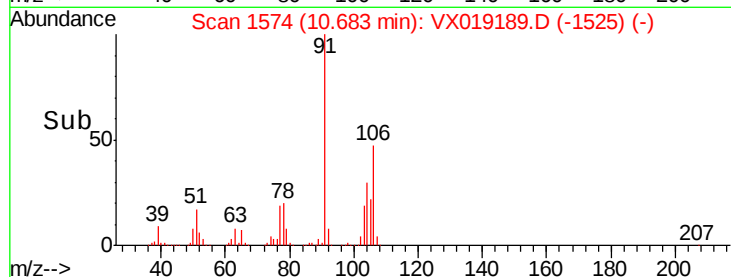
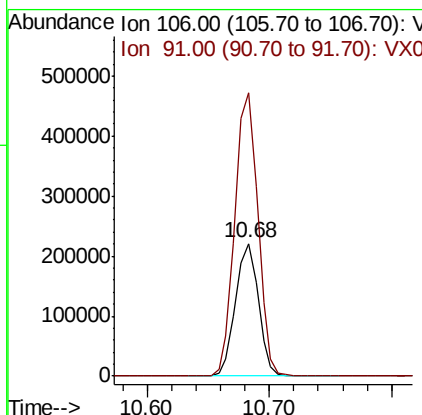
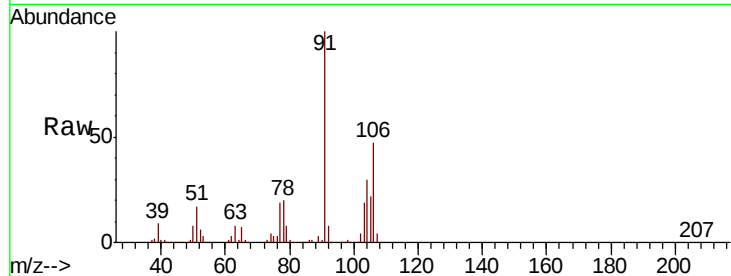




#69
o-Xylene
Concen: 53.988 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

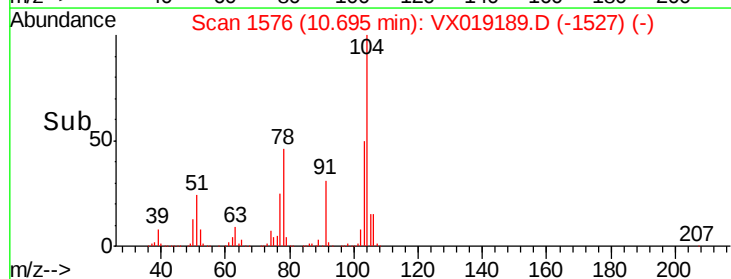
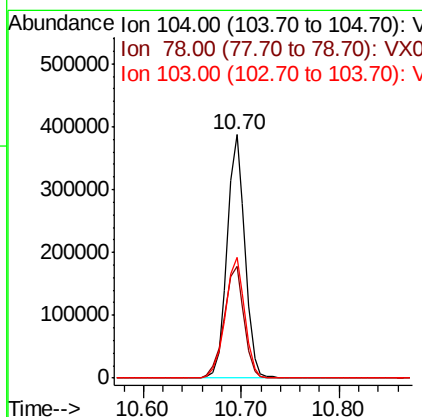
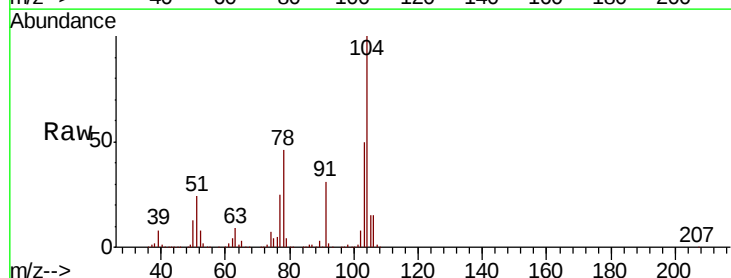
Instrument :
MSVOA_X
ClientSampled :
BFB

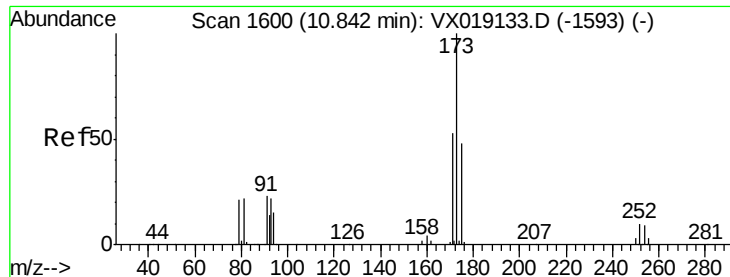
Tot Ion:106 Resp: 285248
Ion Ratio Lower Upper
106 100
91 215.9 108.3 324.8



#70
Styrene
Concen: 54.164 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion:104 Resp: 488289
Ion Ratio Lower Upper
104 100
78 51.1 40.0 60.0
103 54.3 43.5 65.3





#71

Bromoform

Concen: 54.708 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampled :

BFB

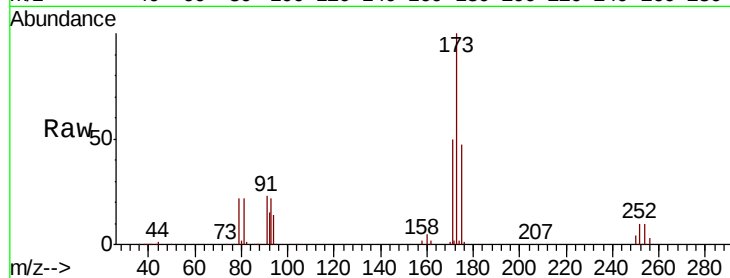
Tot Ion:173 Resp: 130066

Ion Ratio Lower Upper

173 100

175 47.2 24.4 73.4

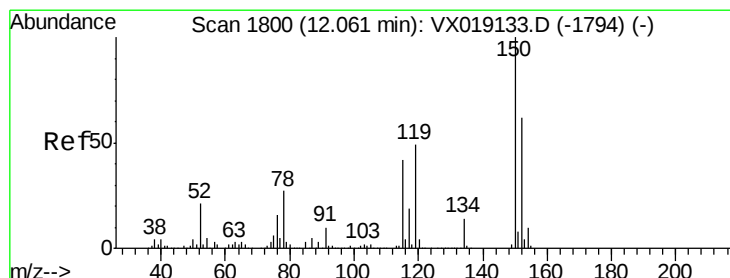
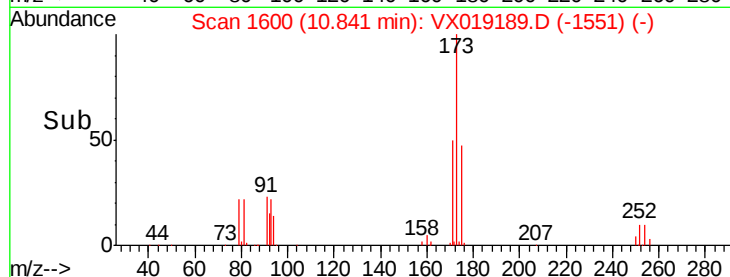
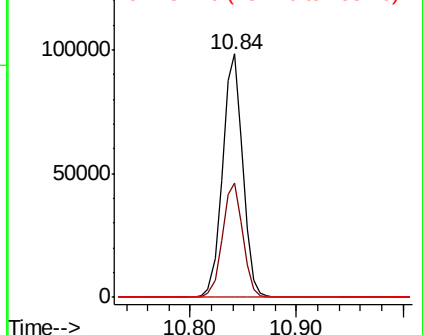
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

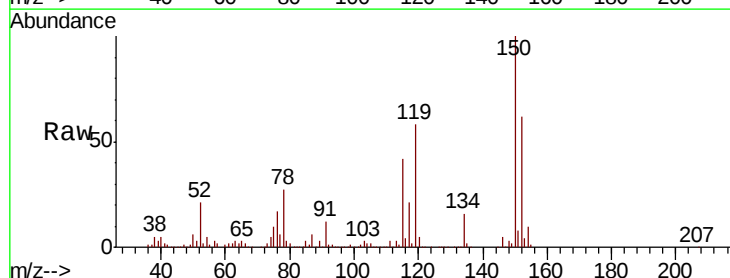
Tgt Ion:152 Resp: 201671

Ion Ratio Lower Upper

152 100

115 86.6 41.9 125.7

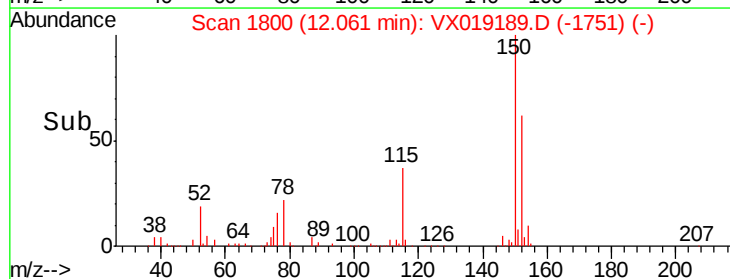
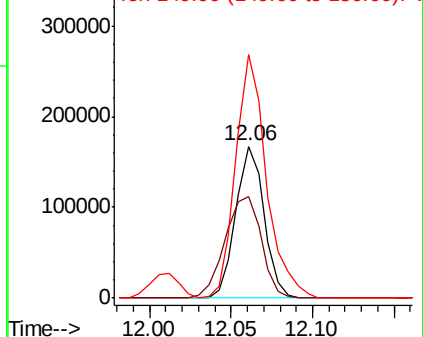
150 174.4 0.0 347.8

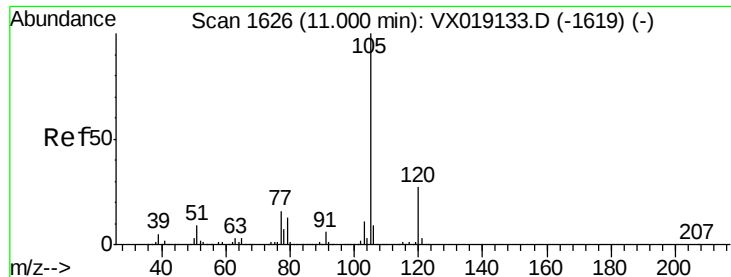


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.597 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

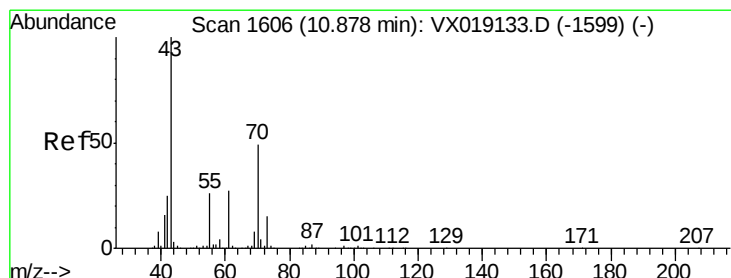
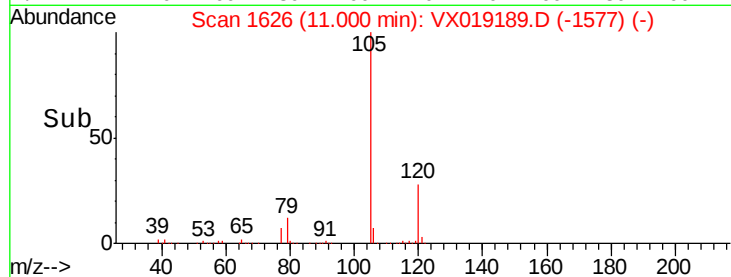
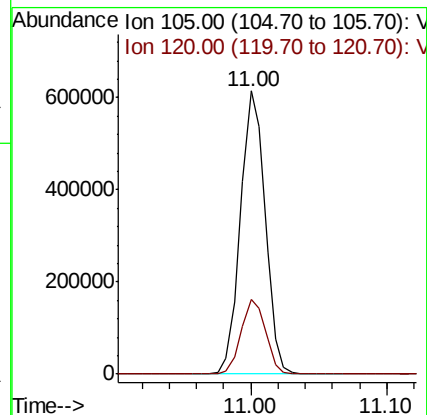
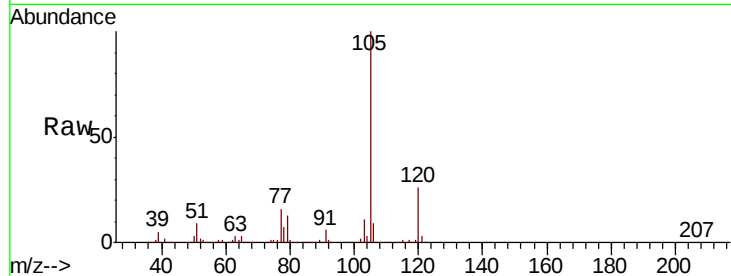
BFB

Tot Ion:105 Resp: 779385

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 57.277 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Tgt Ion: 43 Resp: 298954

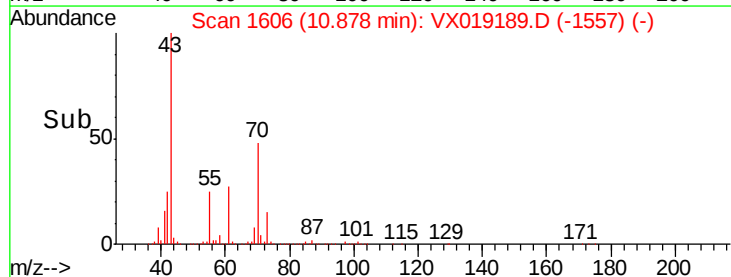
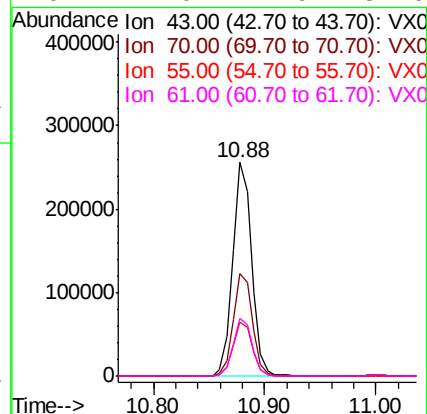
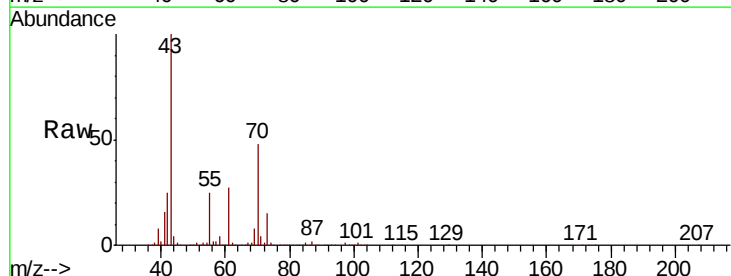
Ion Ratio Lower Upper

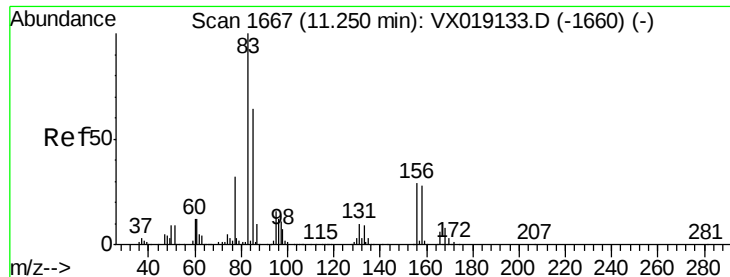
43 100

70 48.8 39.6 59.4

55 25.9 20.7 31.1

61 27.0 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.884 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

BFB

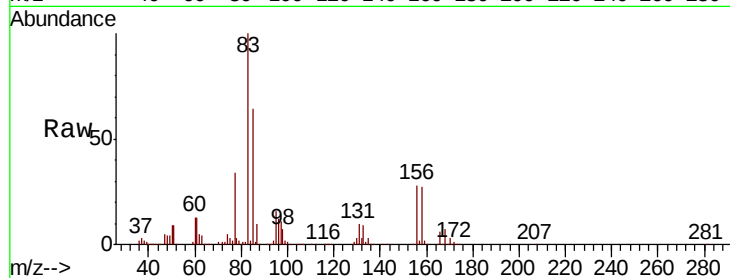
Tot Ion: 83 Resp: 235938

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

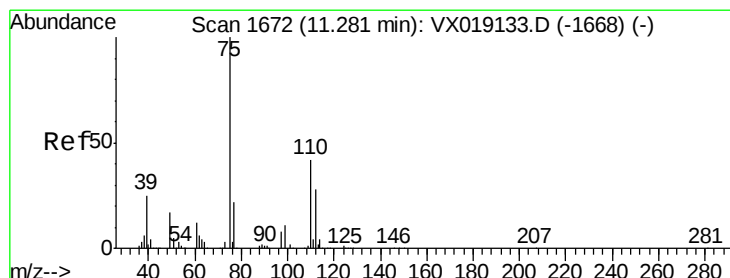
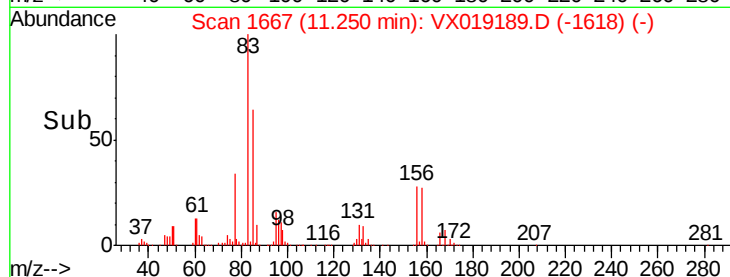
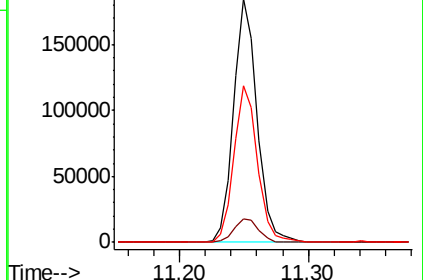
85 64.9 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.007 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019189.D

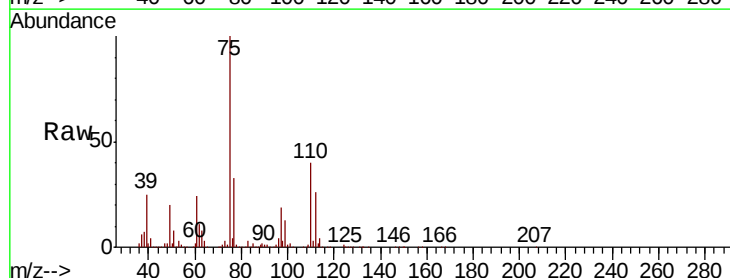
Acq: 29 Oct 2020 15:20

Tgt Ion: 75 Resp: 291513

Ion Ratio Lower Upper

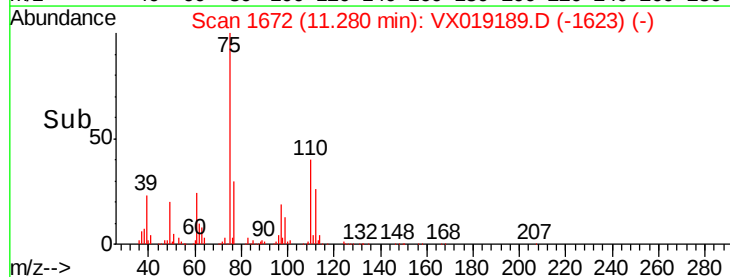
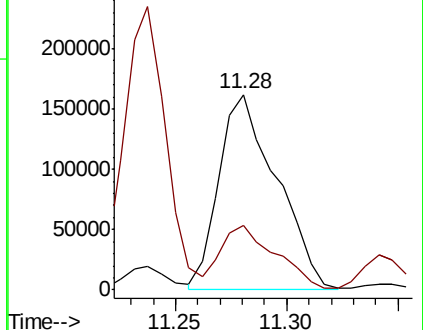
75 100

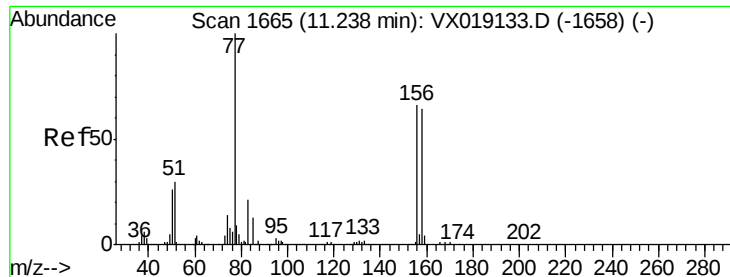
77 31.6 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.919 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

BFB

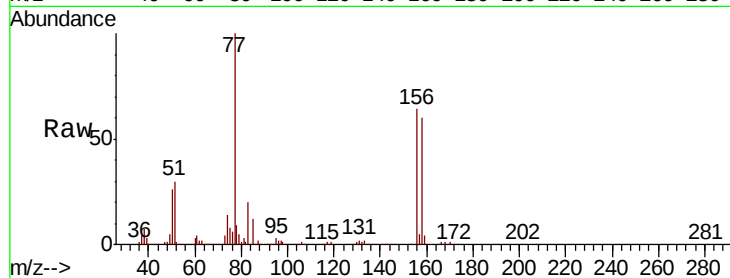
Tot Ion:156 Resp: 187489

Ion Ratio Lower Upper

156 100

77 163.9 77.7 233.1

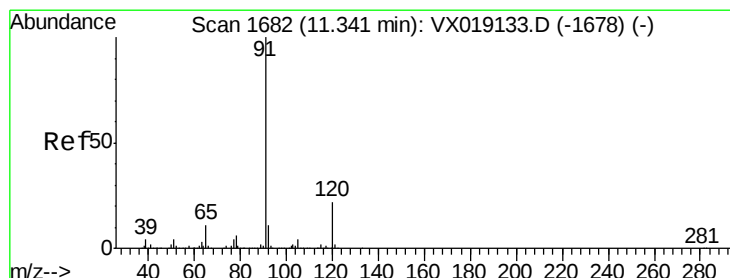
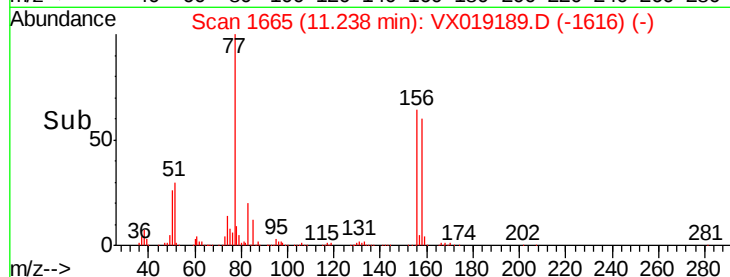
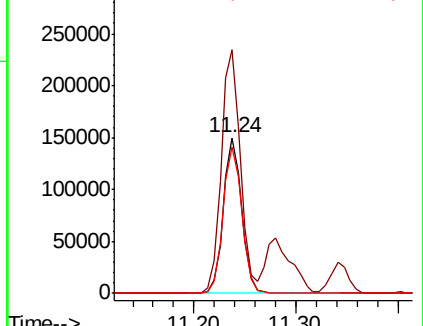
158 96.4 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.544 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019189.D

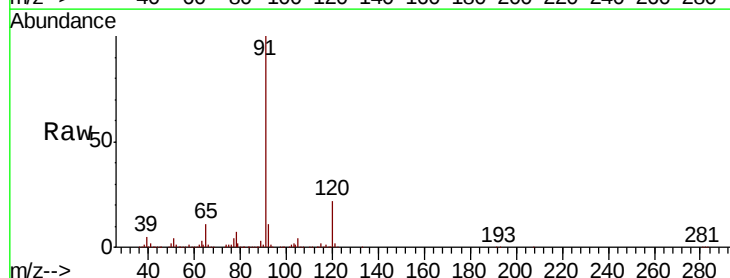
Acq: 29 Oct 2020 15:20

Tgt Ion: 91 Resp: 905135

Ion Ratio Lower Upper

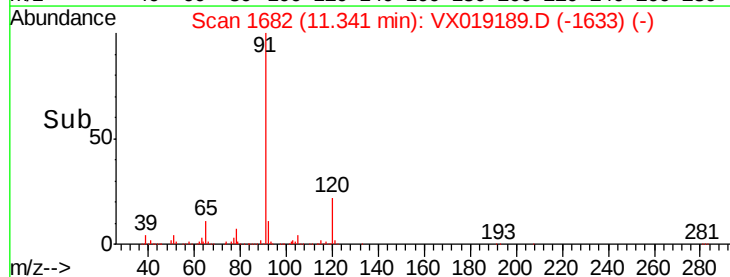
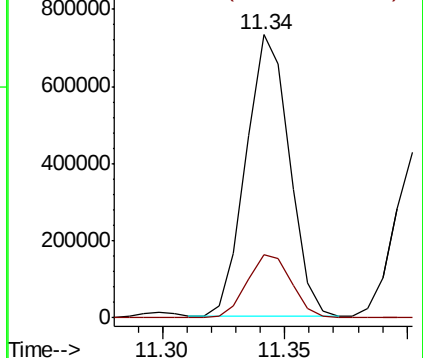
91 100

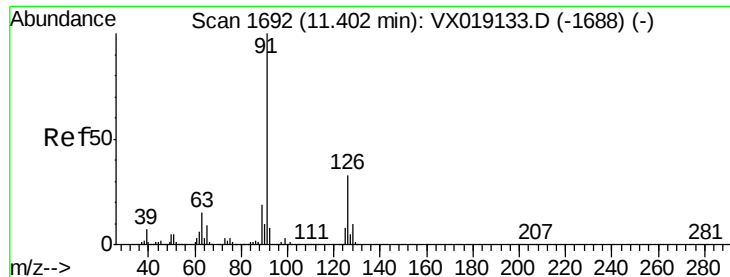
120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

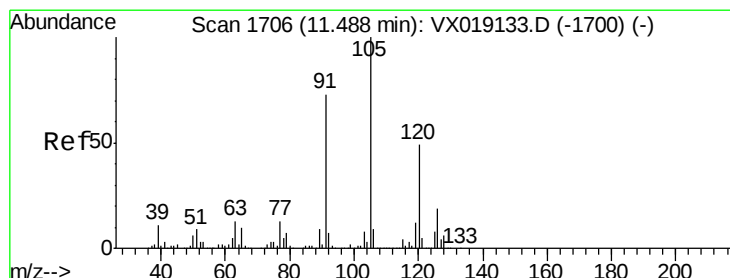
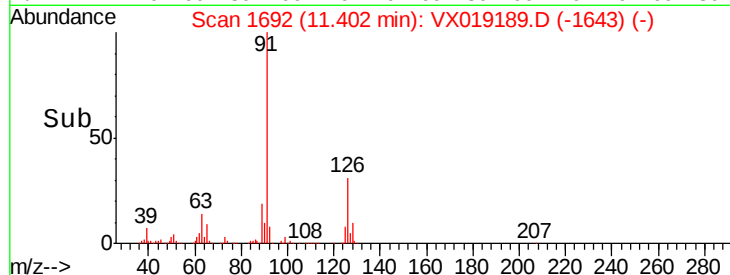
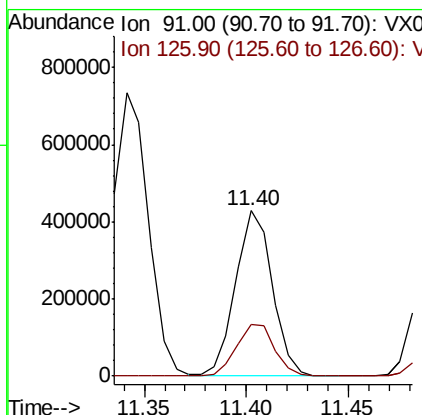
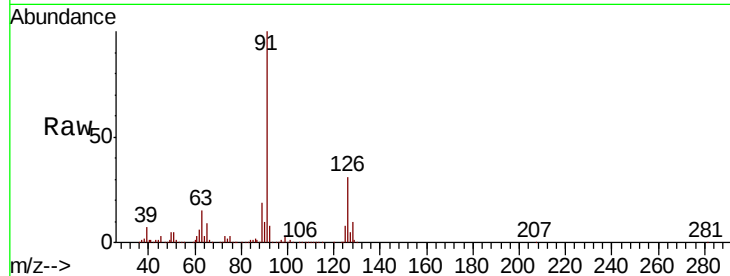




#79
 2-Chlorotoluene
 Concen: 55.536 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

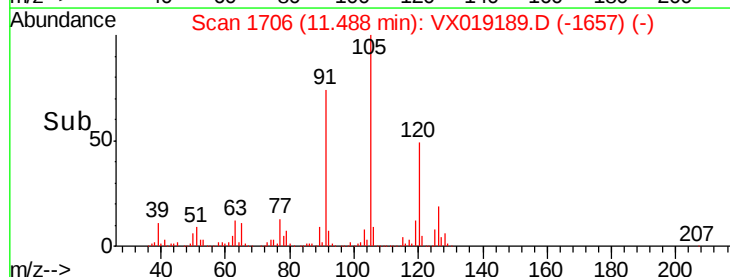
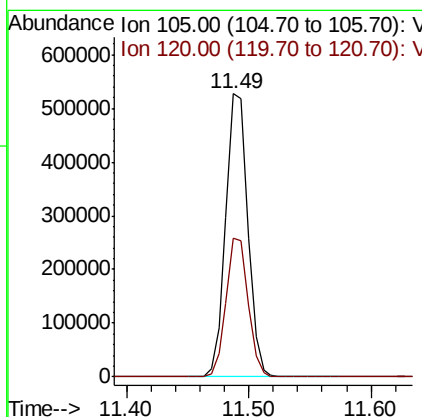
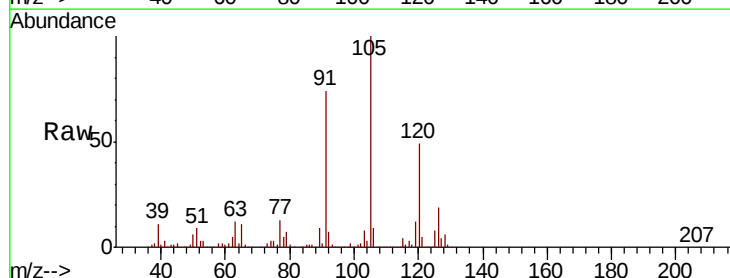
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

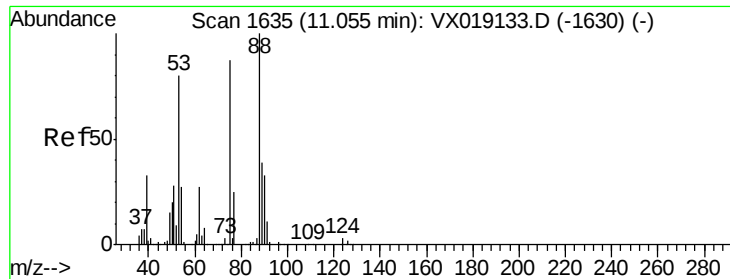
Tot Ion: 91 Resp: 532803
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 54.688 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Tgt Ion: 105 Resp: 659525
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 54.689 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

BFB

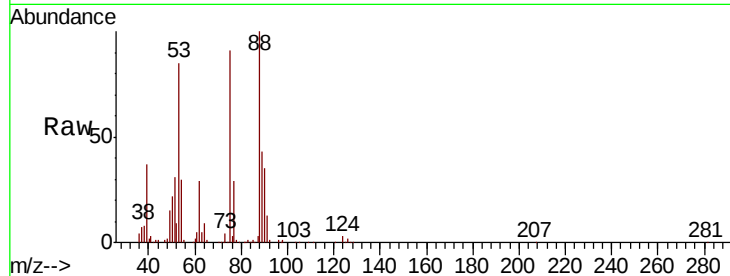
Tot Ion: 75 Resp: 86491

Ion Ratio Lower Upper

75 100

53 92.0 73.3 109.9

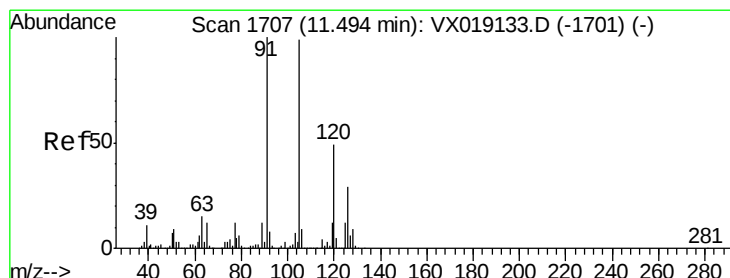
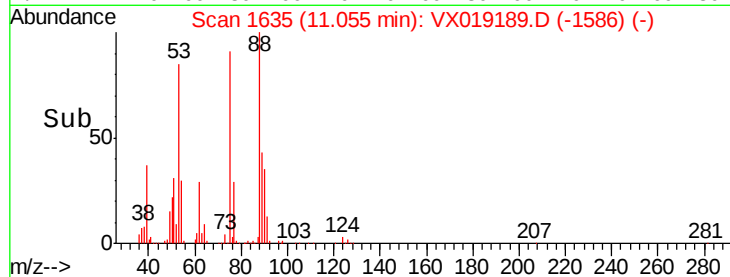
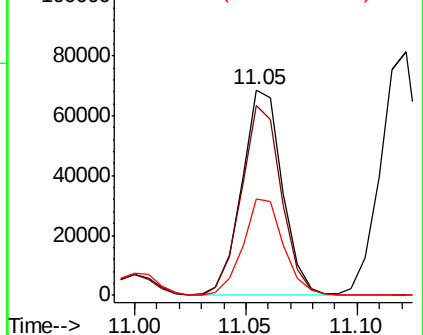
89 47.4 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.854 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019189.D

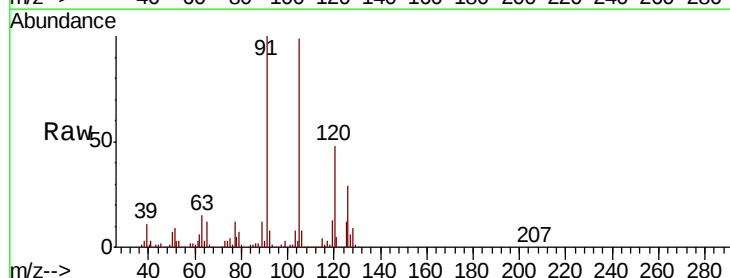
Acq: 29 Oct 2020 15:20

Tgt Ion: 91 Resp: 630932

Ion Ratio Lower Upper

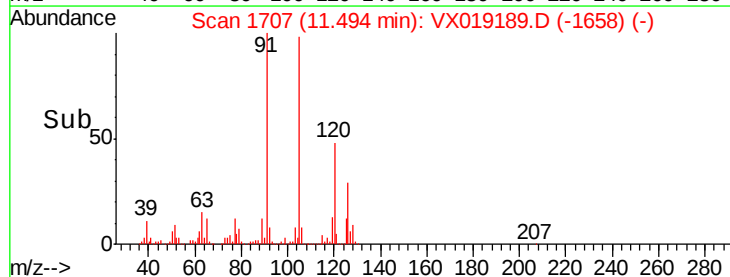
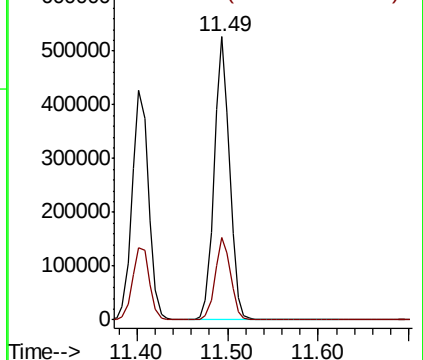
91 100

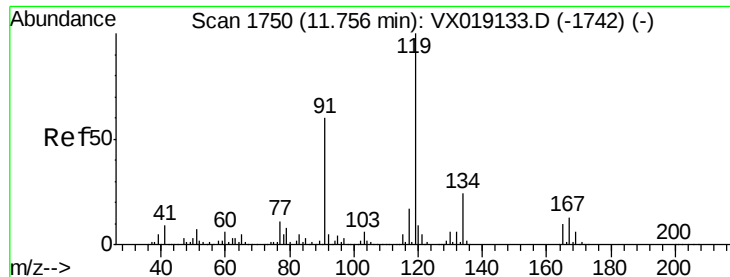
126 29.2 14.8 44.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

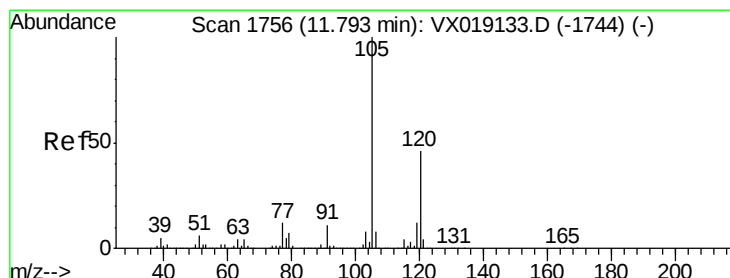
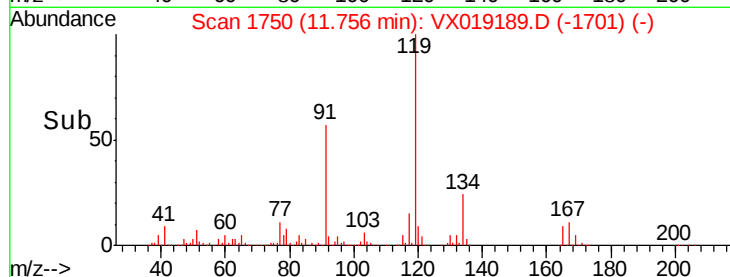
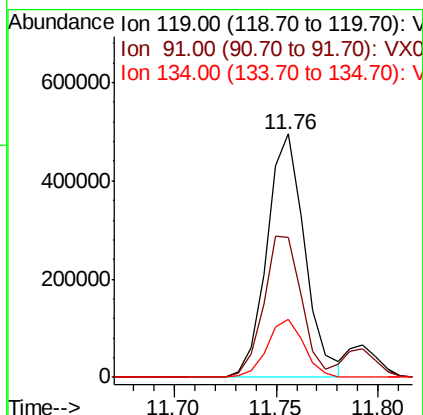
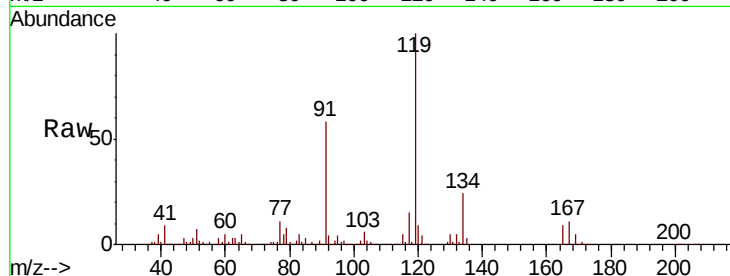




#83
 tert-Butylbenzene
 Concen: 55.369 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

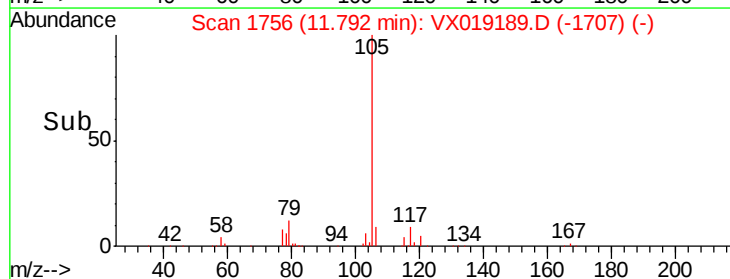
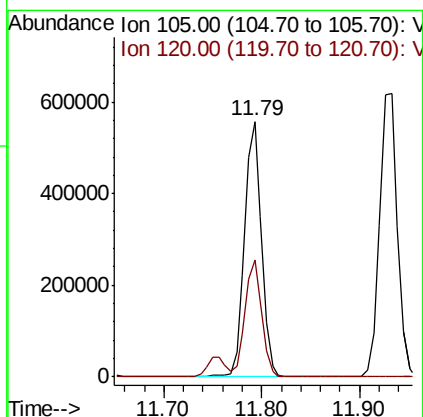
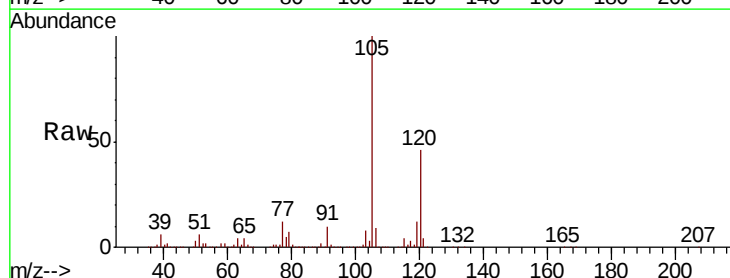
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

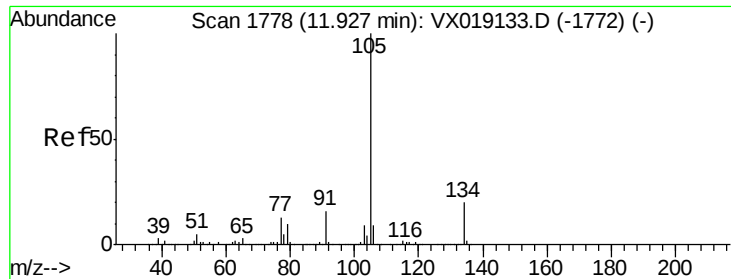
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.2	29.0	87.1
134	23.0	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 55.030 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.3





#85

sec-Butylbenzene

Concen: 56.158 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

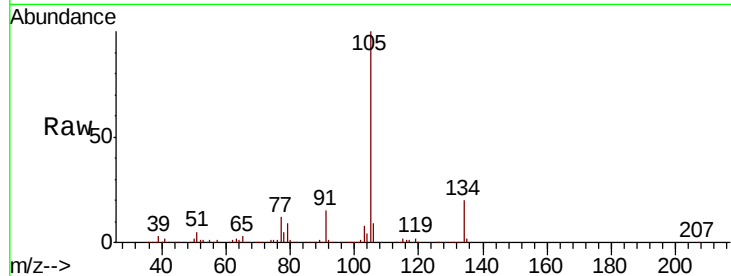
BFB

Tot Ion:105 Resp: 777750

Ion Ratio Lower Upper

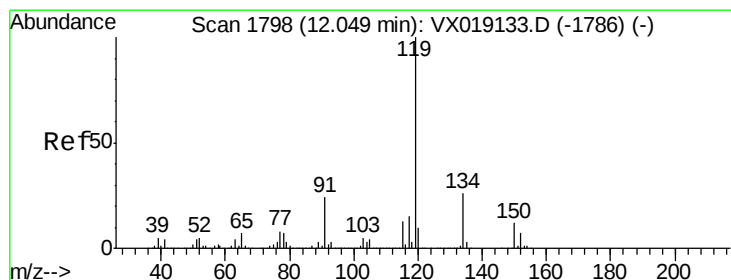
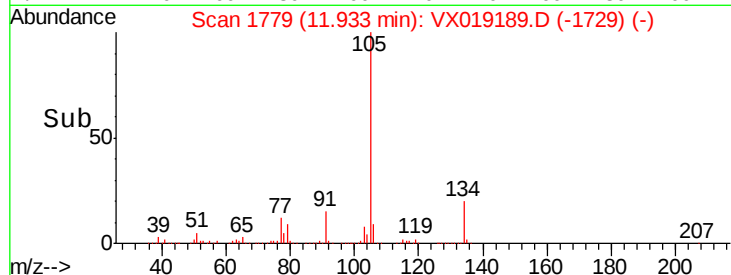
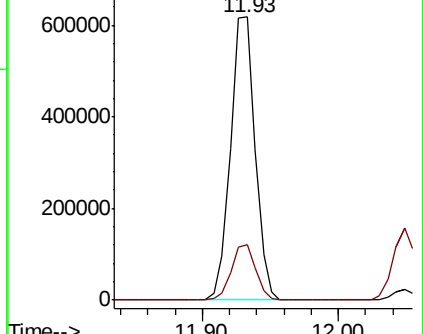
105 100

134 19.6 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.151 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

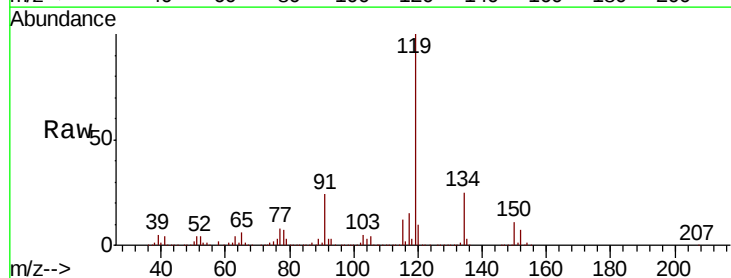
Tgt Ion:119 Resp: 717772

Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.7

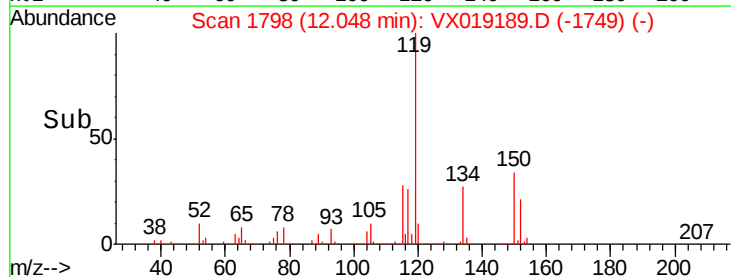
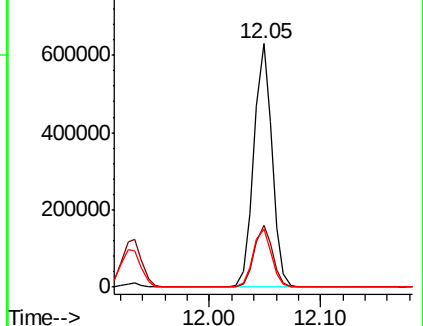
91 24.2 12.0 36.0

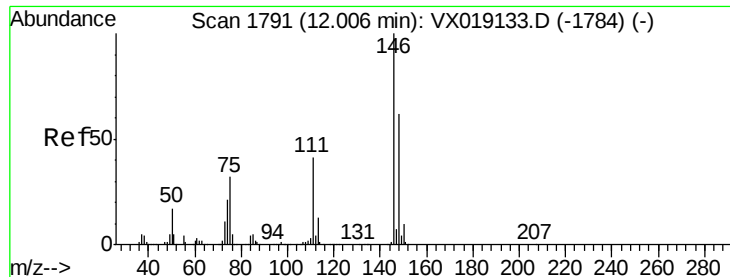


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

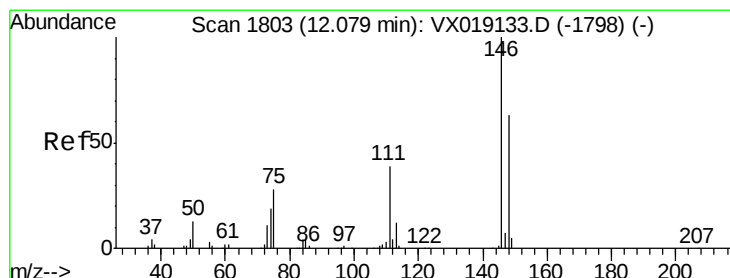
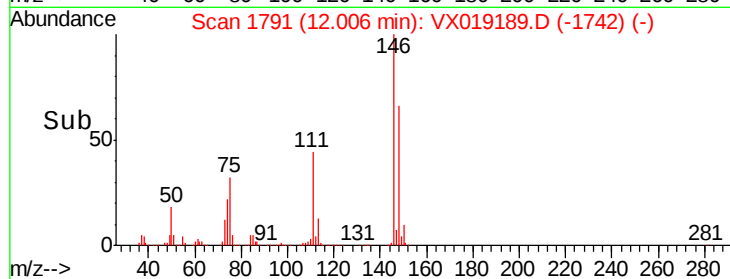
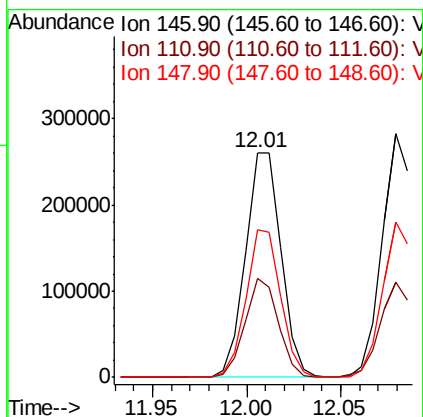
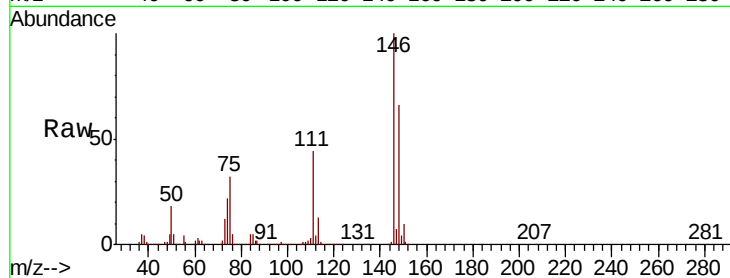




#87
 1,3-Dichlorobenzene
 Concen: 51.775 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

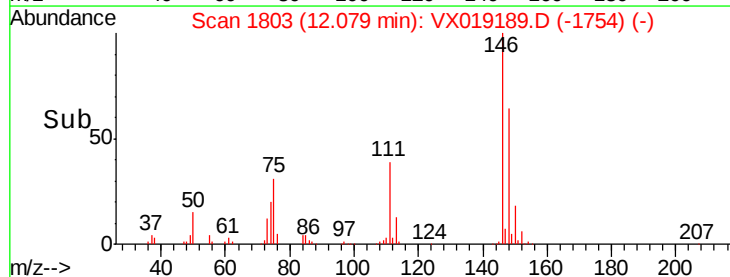
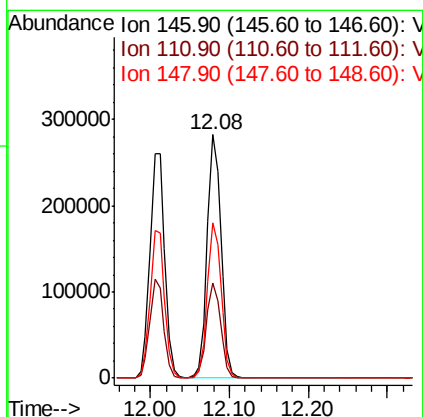
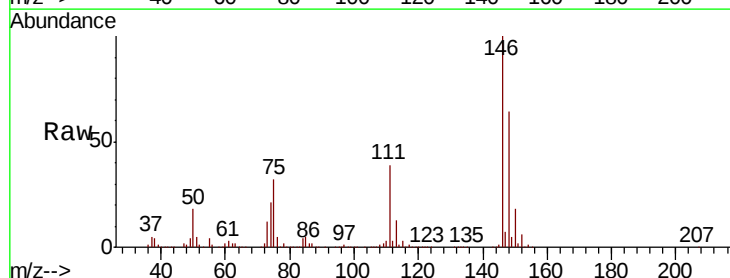
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

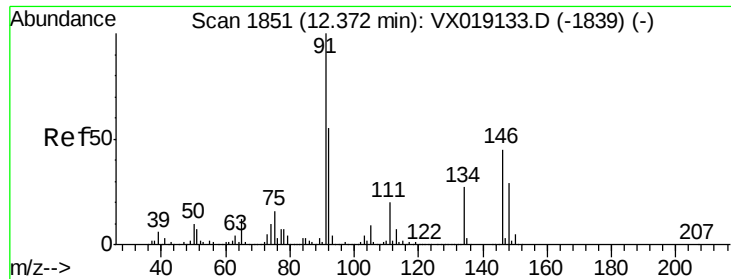
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.4	61.2
148	63.9	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 50.337 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.5
148	63.6	31.3	93.8

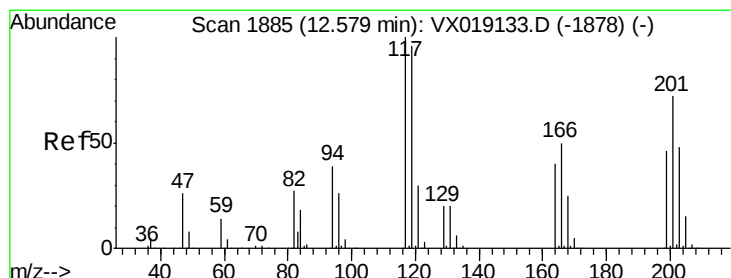
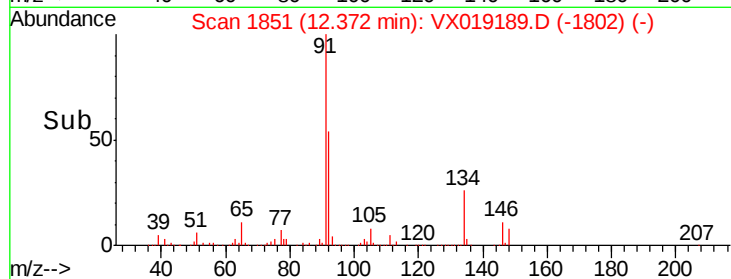
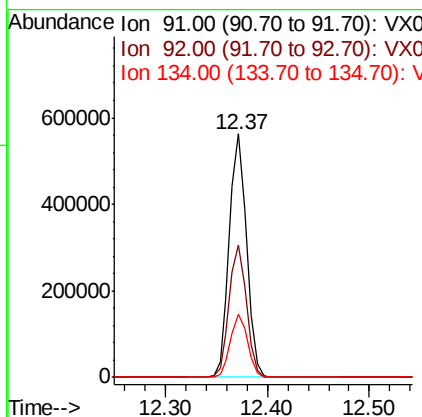
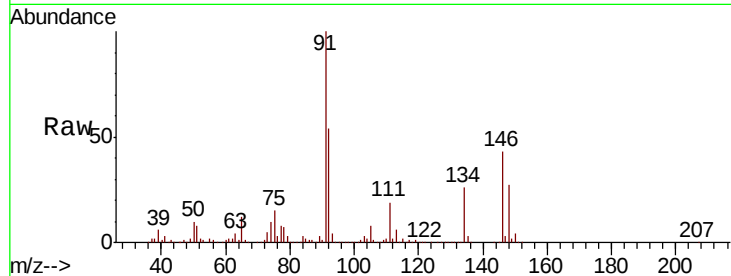




#89
n-Butylbenzene
Concen: 54.640 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

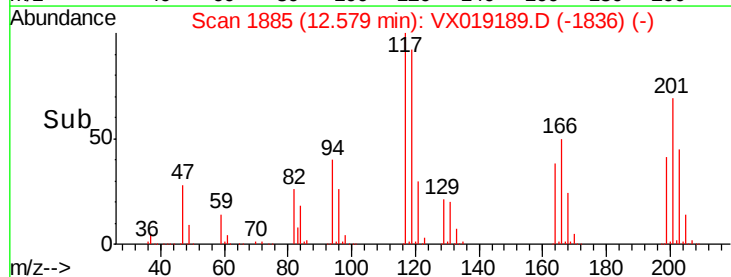
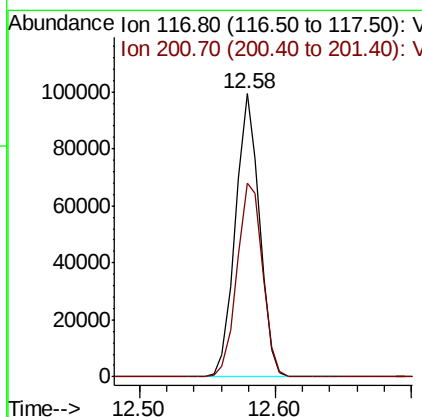
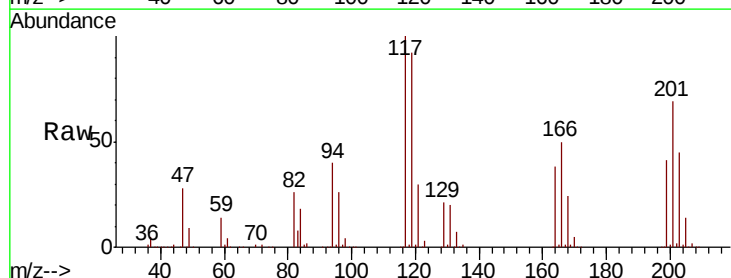
Instrument :
MSVOA_X
ClientSampled :
BFB

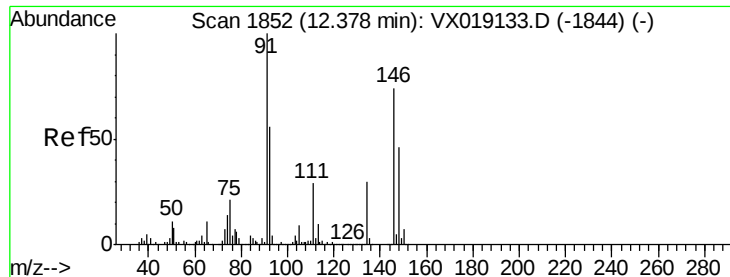
Tot Ion: 91 Resp: 656528
Ion Ratio Lower Upper
91 100
92 54.4 27.5 82.4
134 25.9 13.2 39.6



#90
Hexachloroethane
Concen: 56.040 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion: 117 Resp: 121761
Ion Ratio Lower Upper
117 100
201 72.8 38.5 115.3

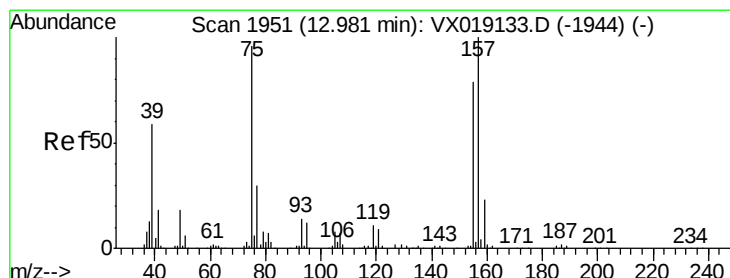
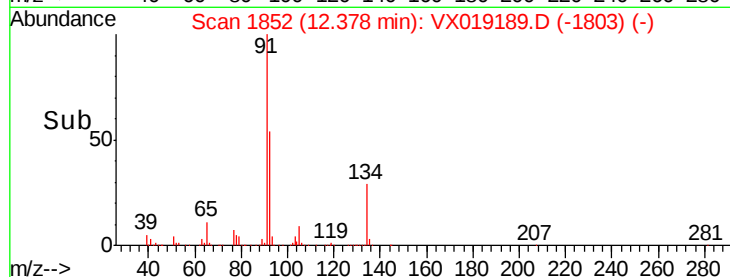
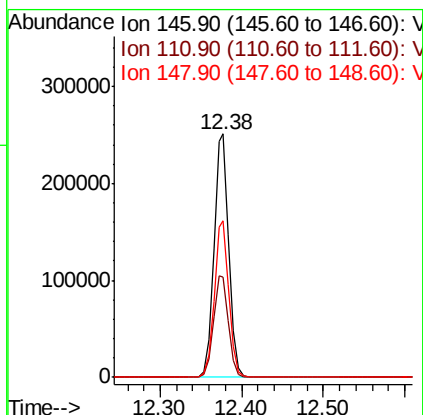
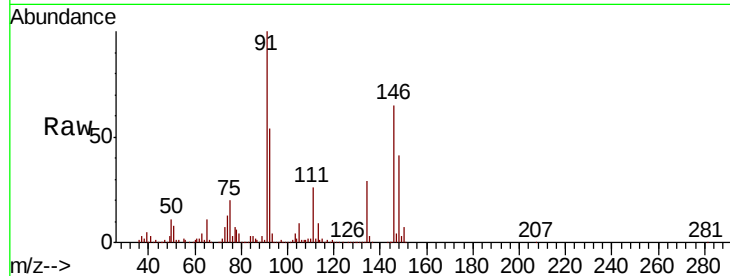




#91
 1,2-Dichlorobenzene
 Concen: 50.898 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

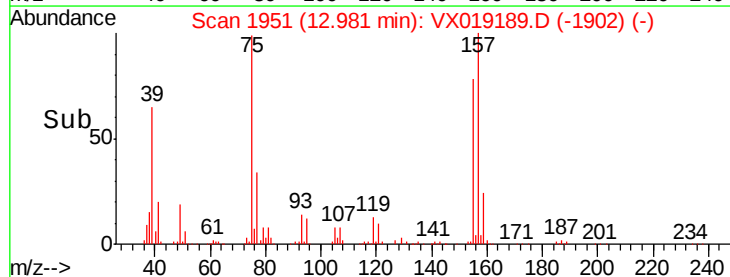
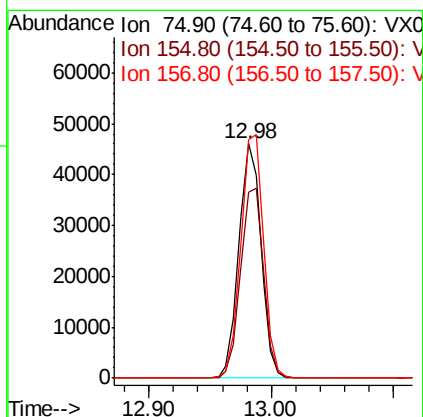
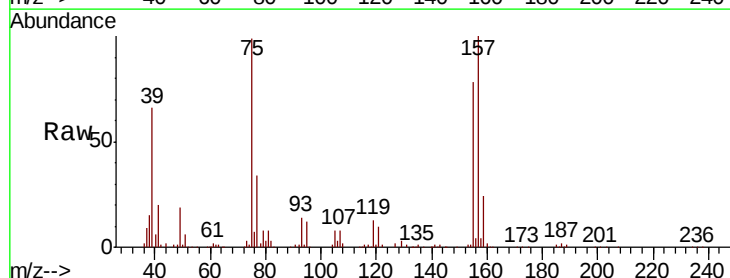
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

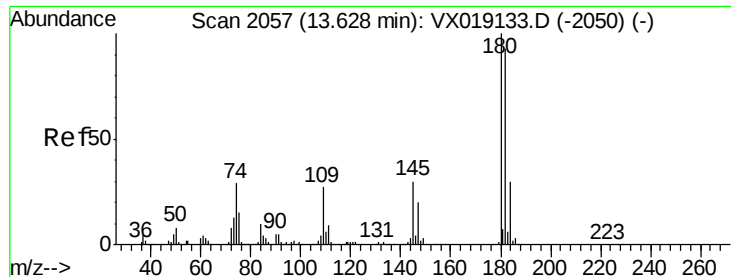
Tot Ion:146 Resp: 322464
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.2 63.6
 148 63.4 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.760 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Tgt Ion: 75 Resp: 57622
 Ion Ratio Lower Upper
 75 100
 155 83.8 42.8 128.4
 157 106.3 54.8 164.4

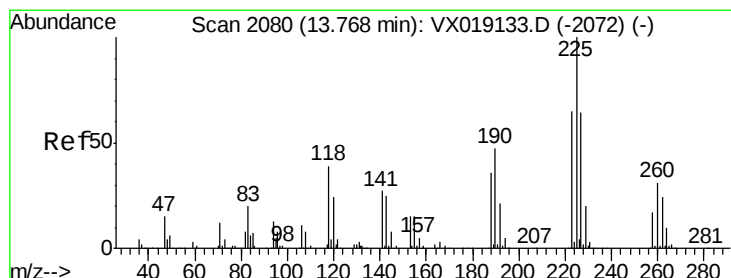
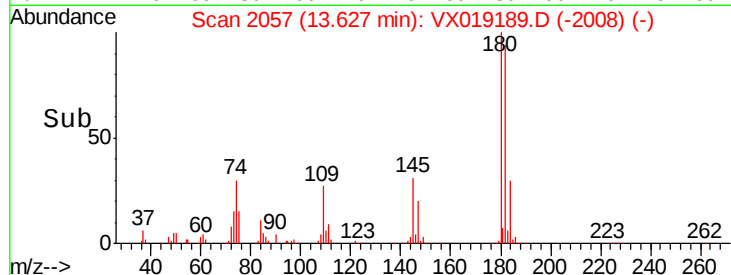
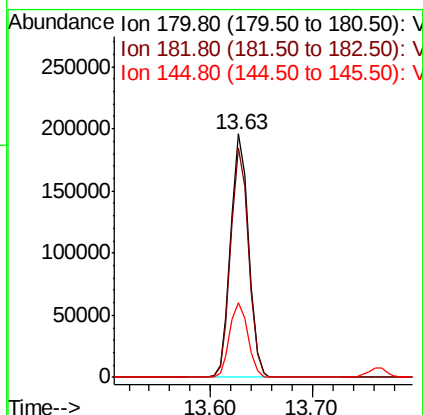
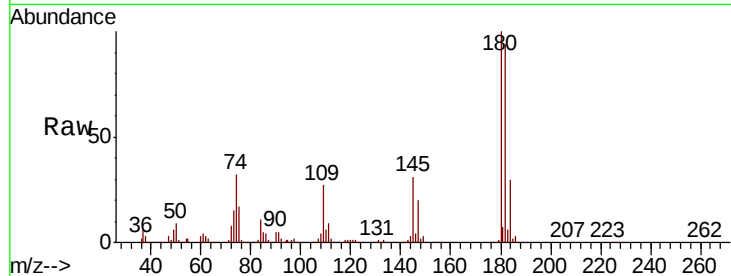




#93
 1,2,4-Trichlorobenzene
 Concen: 49.653 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

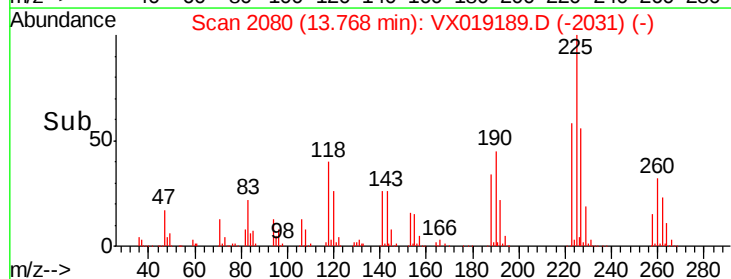
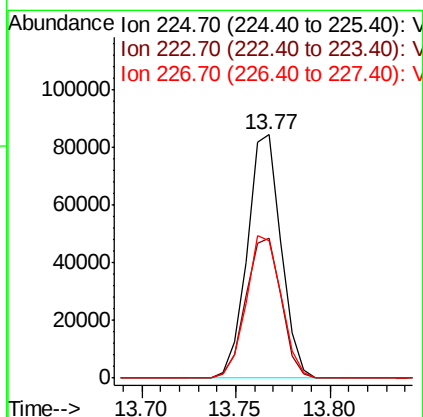
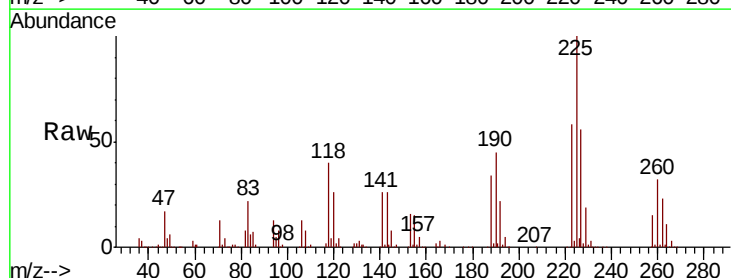
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

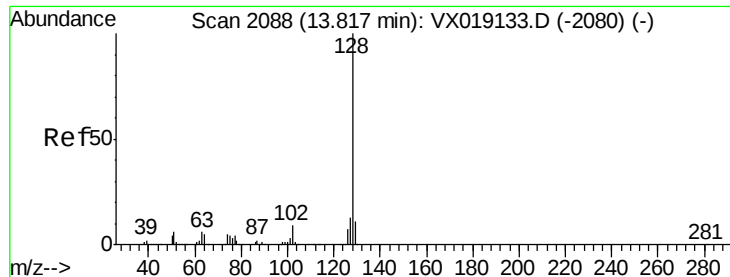
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.8	140.3
145	31.3	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 50.296 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.9	32.4	97.2
227	60.7	31.6	94.7

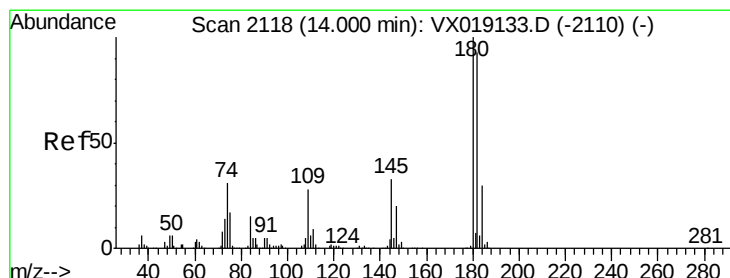
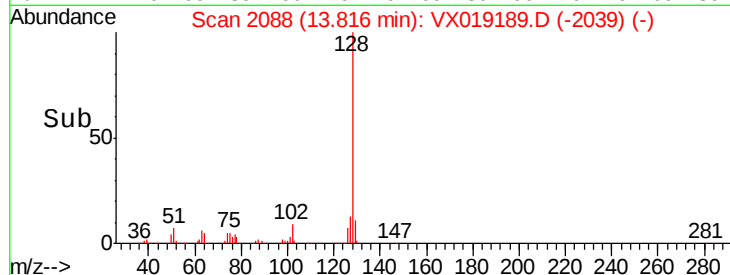
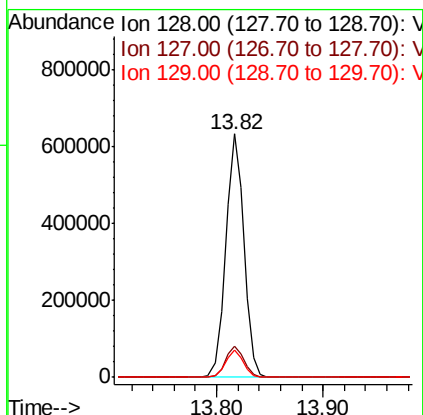
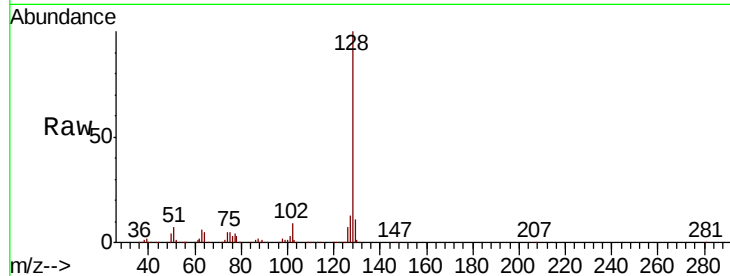




#95
Naphthalene
Concen: 50.273 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion:128 Resp: 753500
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.187 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion:180 Resp: 231694
Ion Ratio Lower Upper
180 100
182 93.3 47.8 143.3
145 33.2 16.5 49.5

