

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002209.D
 Acq On : 03 Apr 2020 10:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB18

Quant Time: Apr 04 00:16:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	158106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	287033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	257122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115615	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	83046	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	
35) Dibromofluoromethane	7.74	113	78238	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	
50) Toluene-d8	10.19	98	321724	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.49	95	111914	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	44896	43.150	ug/l	99
3) Chloromethane	2.13	50	76061	41.166	ug/l	98
4) Vinyl Chloride	2.27	62	81984	43.628	ug/l	98
5) Bromomethane	2.67	94	56963	46.449	ug/l	97
6) Chloroethane	2.82	64	55332	45.857	ug/l	95
7) Trichlorofluoromethane	3.15	101	119924	46.570	ug/l	99
8) Diethyl Ether	3.55	74	51879	47.565	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	80015	47.360	ug/l	98
10) Methyl Iodide	4.12	142	92561	46.074	ug/l	99
11) Tert butyl alcohol	4.99	59	50517	245.264	ug/l	96
12) 1,1-Dichloroethene	3.90	96	80474	46.908	ug/l	99
13) Acrolein	3.76	56	68004	264.164	ug/l	99
14) Allyl chloride	4.51	41	149449	47.585	ug/l	99
15) Acrylonitrile	5.19	53	137754	240.965	ug/l	99
16) Acetone	3.97	43	121114	246.644	ug/l	99
17) Carbon Disulfide	4.22	76	259200	45.526	ug/l	99
18) Methyl Acetate	4.51	43	58946	46.228	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	229071	47.864	ug/l	99
20) Methylene Chloride	4.75	84	97188	47.554	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	92985	47.603	ug/l	99
22) Diisopropyl ether	6.14	45	310133	48.253	ug/l	96
23) Vinyl Acetate	6.09	43	1016602	241.209	ug/l	99
24) 1,1-Dichloroethane	6.05	63	164584	48.161	ug/l	98
25) 2-Butanone	7.01	43	180396	239.250	ug/l	99
26) 2,2-Dichloropropane	7.00	77	137773	48.951	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	104856	48.794	ug/l	99
28) Bromochloromethane	7.36	49	79802	51.151	ug/l	98
29) Tetrahydrofuran	7.37	42	117133	236.941	ug/l	99
30) Chloroform	7.53	83	156524	48.322	ug/l	99
31) Cyclohexane	7.80	56	165059	45.328	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	131157	48.496	ug/l	100
36) 1,1-Dichloropropene	7.94	75	129512	47.704	ug/l	99
37) Ethyl Acetate	7.10	43	77320	47.128	ug/l	99
38) Carbon Tetrachloride	7.92	117	113093	49.098	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	170422	47.855	ug/l	99
40) Benzene	8.18	78	392615	48.821	ug/l	99
41) Methacrylonitrile	7.37	41	103545	124.771	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	101849	47.703	ug/l	99
43) Isopropyl Acetate	8.29	43	143383	47.087	ug/l	100
44) Trichloroethene	8.96	130	93980	48.480	ug/l	93
45) 1,2-Dichloropropane	9.23	63	101191	49.418	ug/l	100
46) Dibromomethane	9.32	93	51462	48.937	ug/l	99
47) Bromodichloromethane	9.51	83	121837	49.769	ug/l	98
48) Methyl methacrylate	9.30	41	63746	46.714	ug/l	97
49) 1,4-Dioxane	9.32	88	14045	973.290	ug/l #	91
51) 4-Methyl-2-Pentanone	10.08	43	384742	245.374	ug/l	100
52) Toluene	10.25	92	239022	49.141	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	133823	49.251	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	157814	49.331	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	74627	47.949	ug/l	98
56) Ethyl methacrylate	10.52	69	108380	47.676	ug/l	98
57) 1,3-Dichloropropane	10.80	76	133546	48.565	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	274966	235.399	ug/l	100
59) 2-Hexanone	10.85	43	264087	239.098	ug/l	98
60) Dibromochloromethane	11.00	129	81875	50.272	ug/l	100
61) 1,2-Dibromoethane	11.10	107	71519	49.094	ug/l	97
64) Tetrachloroethene	10.73	164	81415	51.753	ug/l	98
65) Chlorobenzene	11.53	112	241621	48.682	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	81350	48.992	ug/l	98
67) Ethyl Benzene	11.60	91	458314	49.719	ug/l	99
68) m/p-Xylenes	11.71	106	338722	99.382	ug/l	99
69) o-Xylene	12.04	106	157702	48.777	ug/l	99
70) Styrene	12.05	104	278240	49.664	ug/l	99
71) Bromoform	12.22	173	44715	49.167	ug/l #	98
73) Isopropylbenzene	12.34	105	432696	50.452	ug/l	99
74) N-amyl acetate	12.16	43	130257	48.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	91661	49.667	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	118341	91.506	ug/l #	100
77) Bromobenzene	12.62	156	91107	49.763	ug/l	98
78) n-propylbenzene	12.68	91	531667	49.954	ug/l	100
79) 2-Chlorotoluene	12.77	91	290920	49.784	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	353694	49.986	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	32874	49.246	ug/l	95
82) 4-Chlorotoluene	12.86	91	303171	49.233	ug/l	98
83) tert-Butylbenzene	13.09	119	300730	50.917	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	354353	50.193	ug/l	99
85) sec-Butylbenzene	13.27	105	440572	50.362	ug/l	100
86) p-Isopropyltoluene	13.38	119	378618	50.398	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	175955	49.128	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	177897	49.359	ug/l	99
89) n-Butylbenzene	13.71	91	387389	49.491	ug/l	99
90) Hexachloroethane	13.97	117	72182	50.991	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	161038	48.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	13671	46.245	ug/l	97

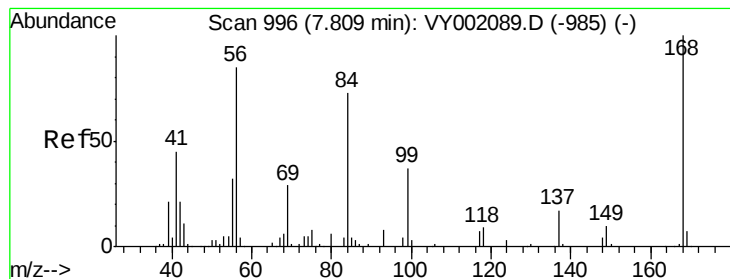
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	101676	47.693	ug/l	99
94) Hexachlorobutadiene	15.12	225	50767	48.243	ug/l	100
95) Naphthalene	15.25	128	240703	47.537	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	90521	46.824	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

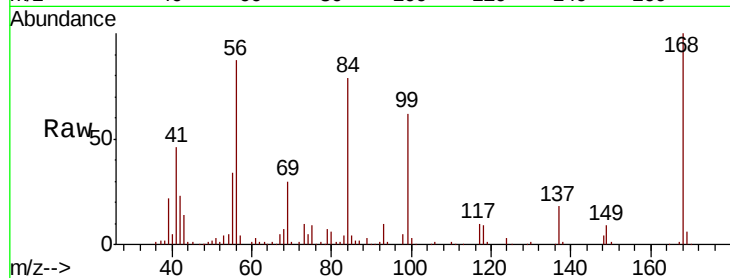
BFB18

Tot Ion:168 Resp: 158106

Ion Ratio Lower Upper

168 100

99 62.1 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002209.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002209.D (-985) (-)

7.81

60000

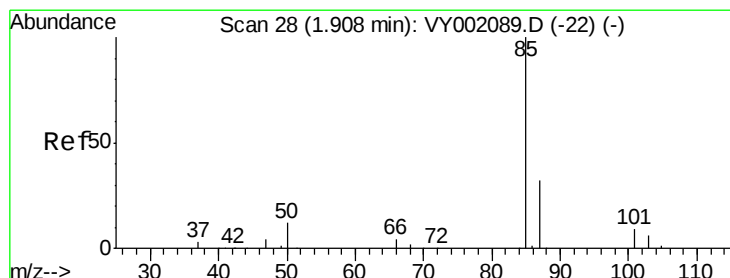
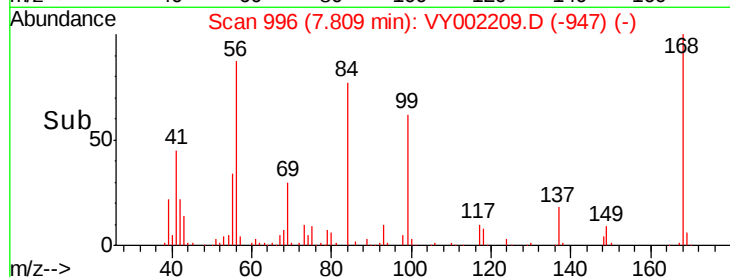
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.150 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002209.D

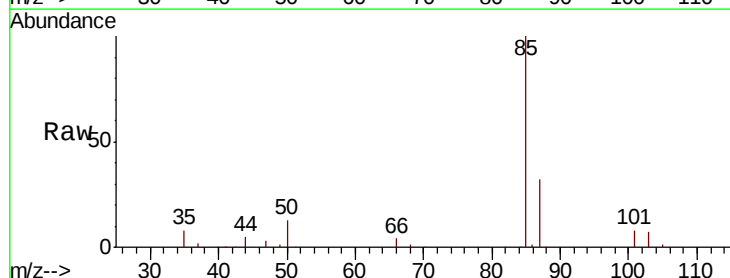
Acq: 03 Apr 2020 10:43

Tgt Ion: 85 Resp: 44896

Ion Ratio Lower Upper

85 100

87 31.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002209.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002209.D (-22) (-)

1.91

30000

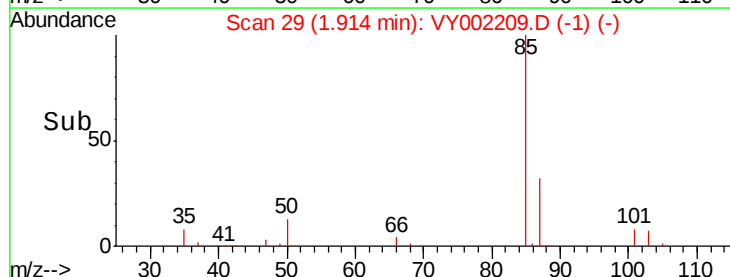
20000

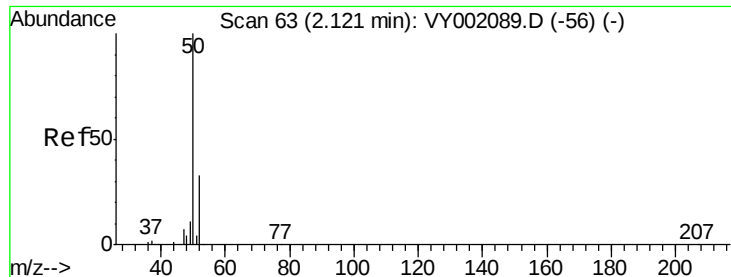
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 41.166 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampled :

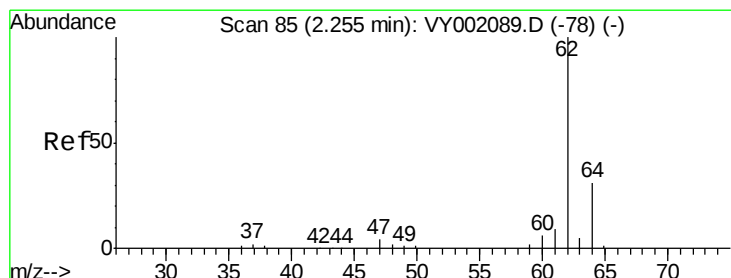
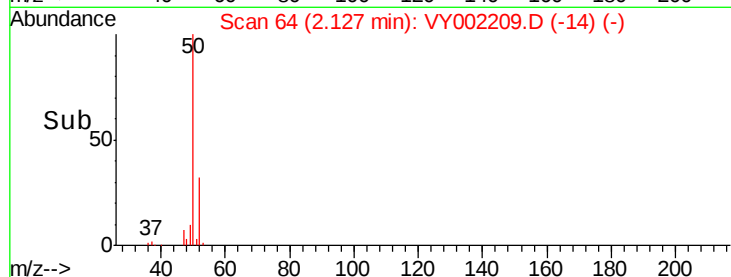
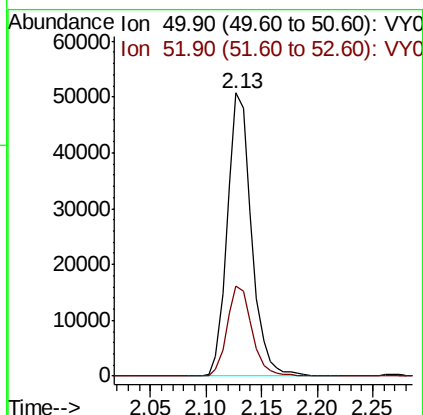
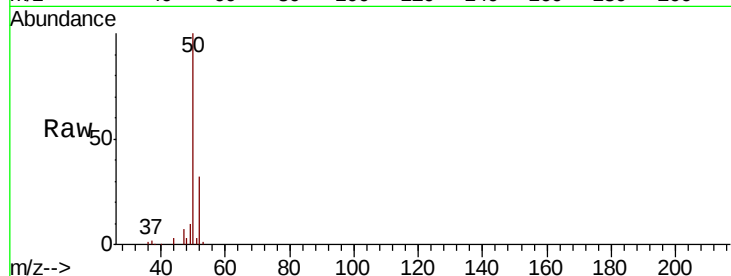
BFB18

Tot Ion: 50 Resp: 76061

Ion Ratio Lower Upper

50 100

52 31.7 26.1 39.1



#4

Vinyl Chloride

Concen: 43.628 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002209.D

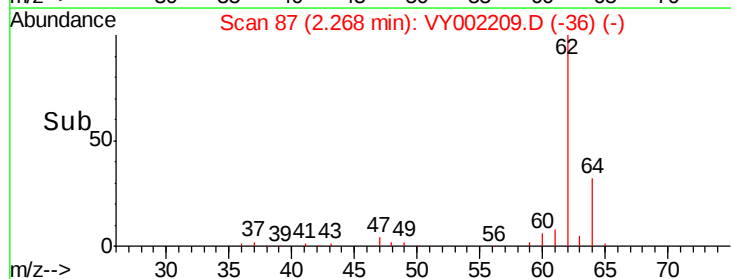
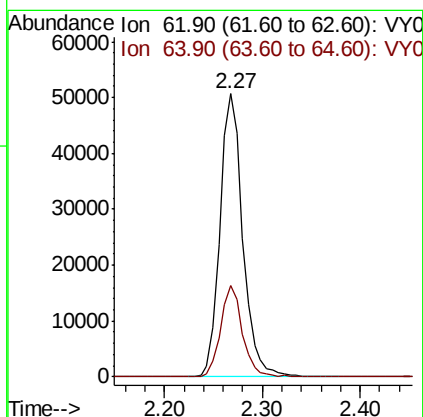
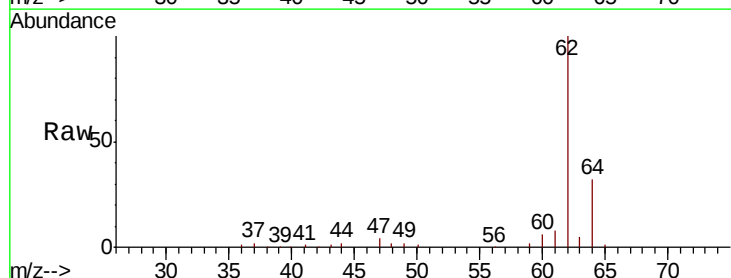
Acq: 03 Apr 2020 10:43

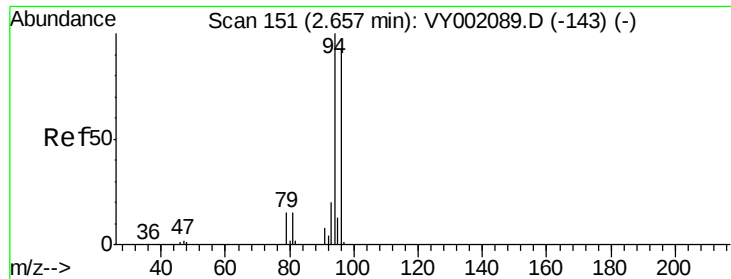
Tgt Ion: 62 Resp: 81984

Ion Ratio Lower Upper

62 100

64 32.5 25.2 37.8





#5

Bromomethane

Concen: 46.449 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

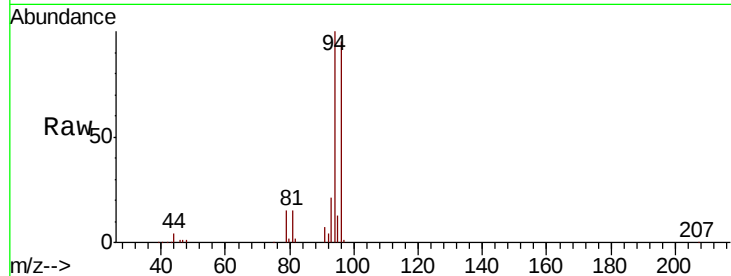
BFB18

Tot Ion: 94 Resp: 56963

Ion Ratio Lower Upper

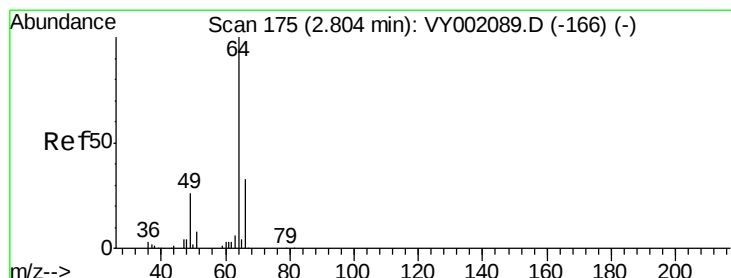
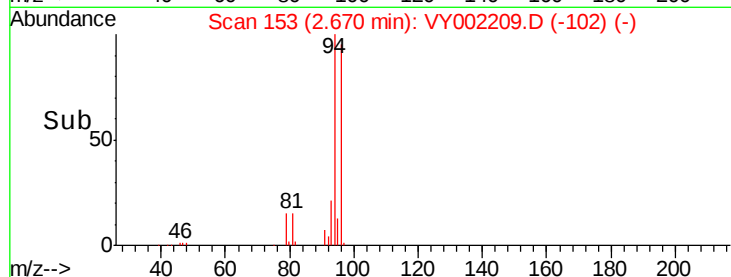
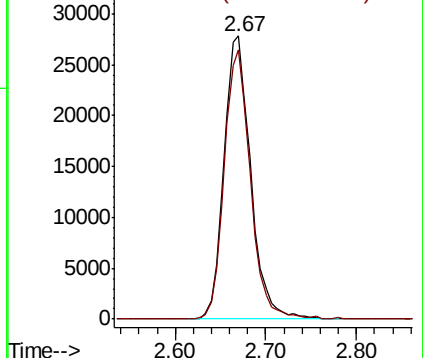
94 100

96 95.1 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 45.857 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002209.D

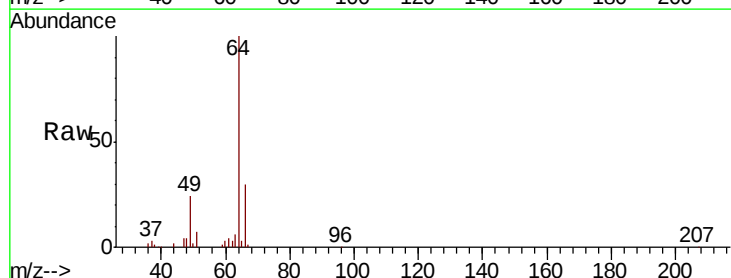
Acq: 03 Apr 2020 10:43

Tgt Ion: 64 Resp: 55332

Ion Ratio Lower Upper

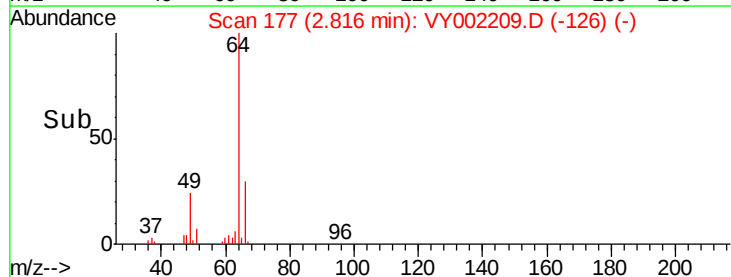
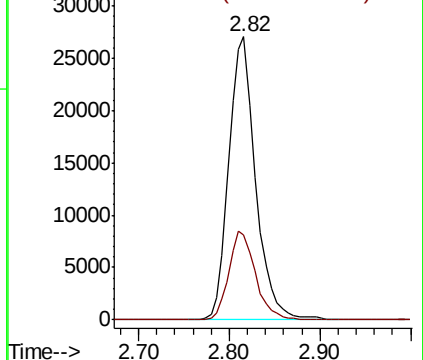
64 100

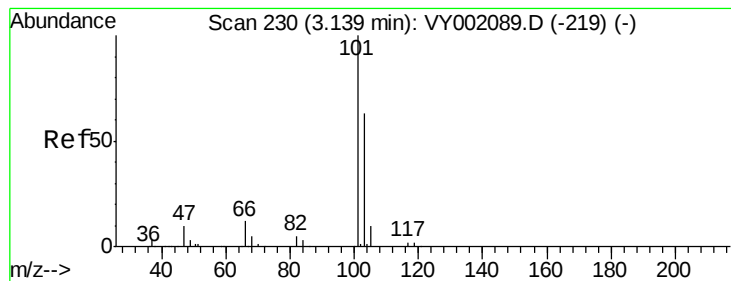
66 30.2 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



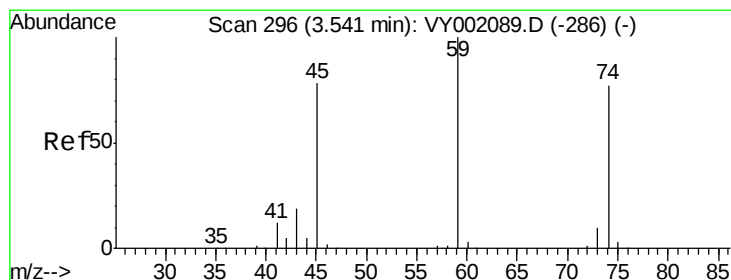
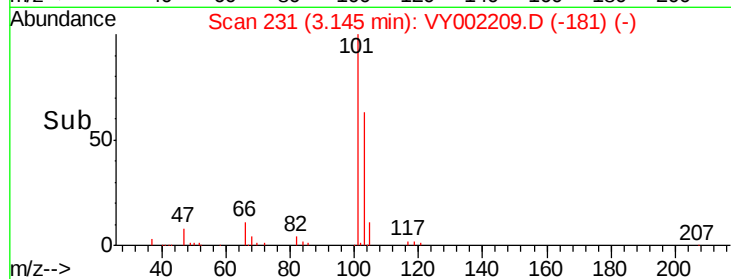
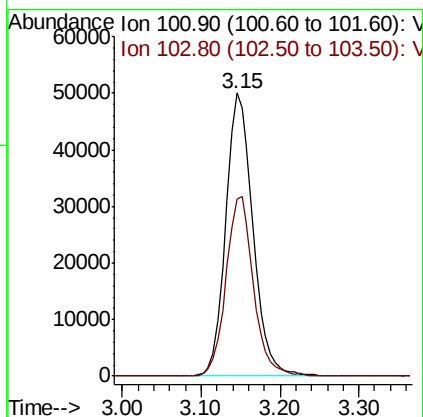
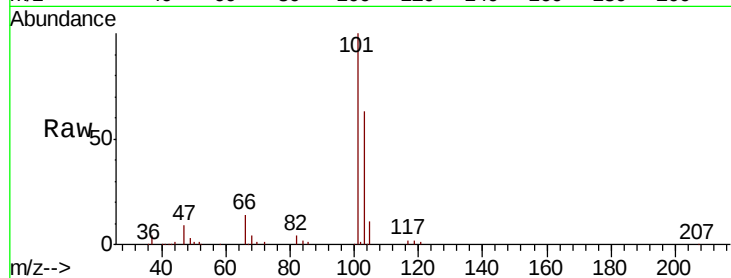


#7

Trichlorofluoromethane
 Concen: 46.570 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VY002209.D
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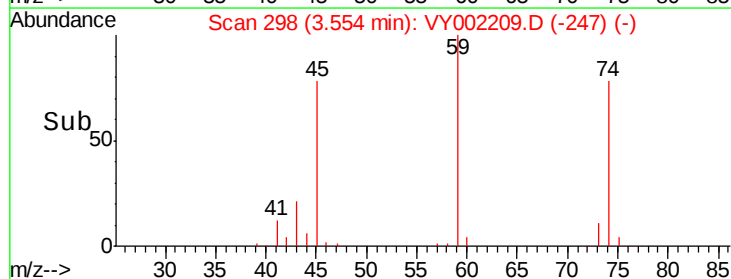
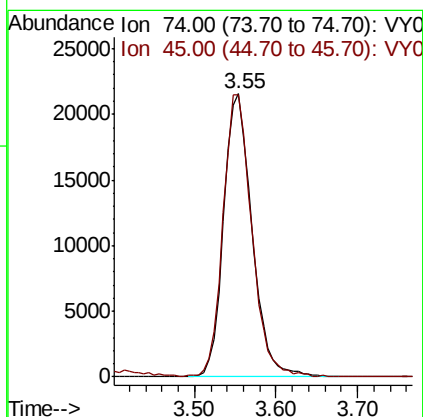
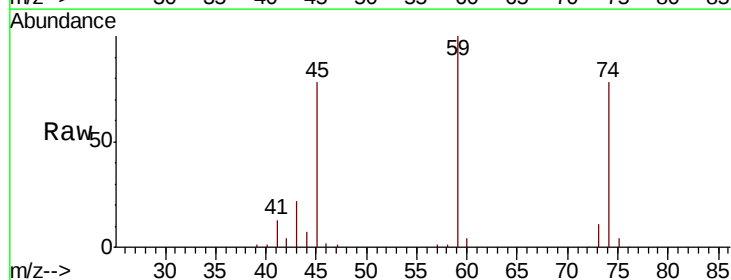
Tot Ion:101 Resp: 119924
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.6 76.0

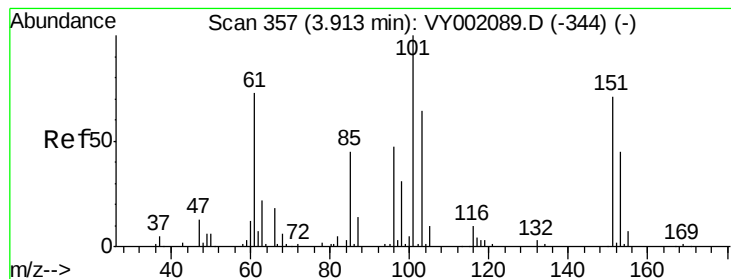


#8

Diethyl Ether
 Concen: 47.565 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.01 min
 Lab File: VY002209.D
 Acq: 03 Apr 2020 10:43

Tgt Ion: 74 Resp: 51879
 Ion Ratio Lower Upper
 74 100
 45 101.1 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.360 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

BFB18

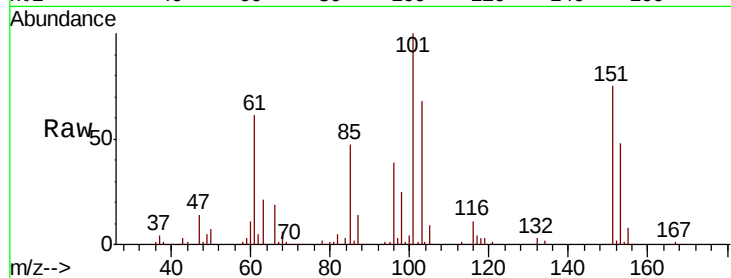
Tot Ion:101 Resp: 80015

Ion Ratio Lower Upper

101 100

85 44.2 35.9 53.9

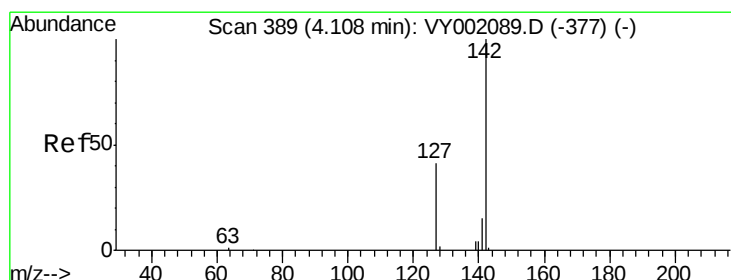
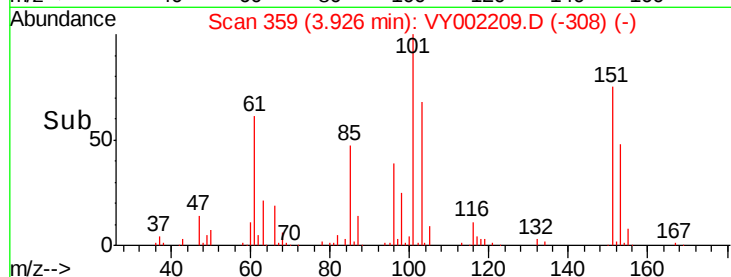
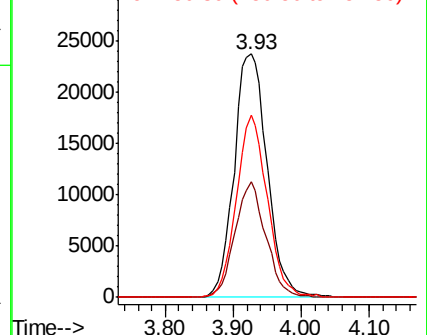
151 70.1 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.074 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

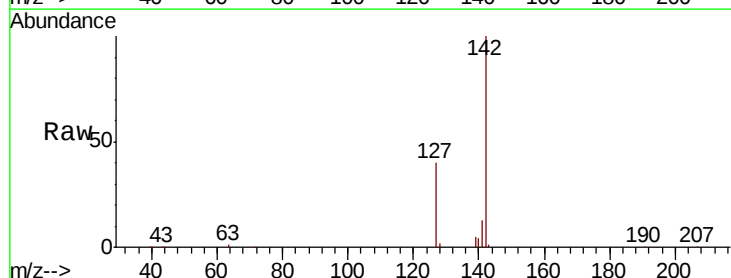
Tgt Ion:142 Resp: 92561

Ion Ratio Lower Upper

142 100

127 40.5 32.6 49.0

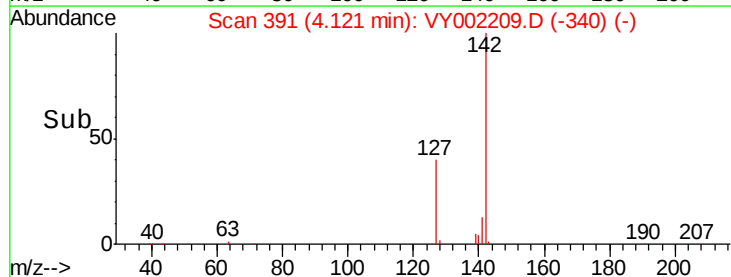
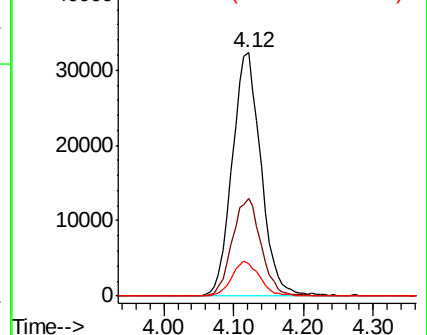
141 13.8 11.4 17.0

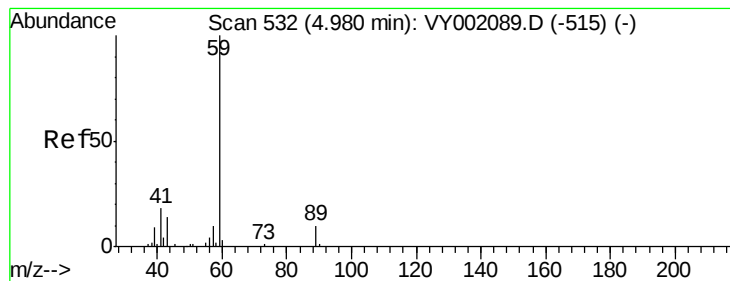


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



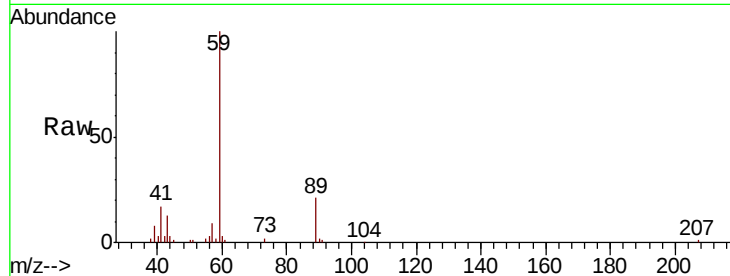


#11

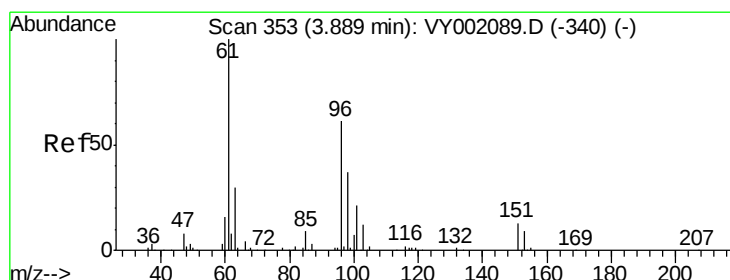
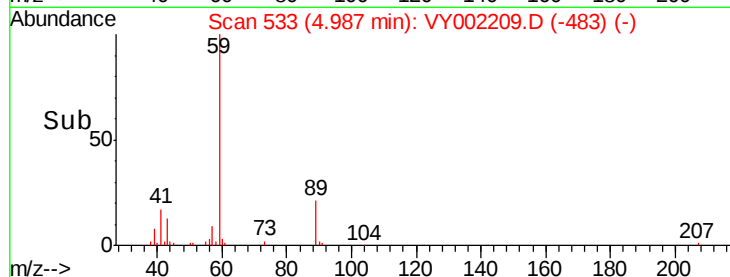
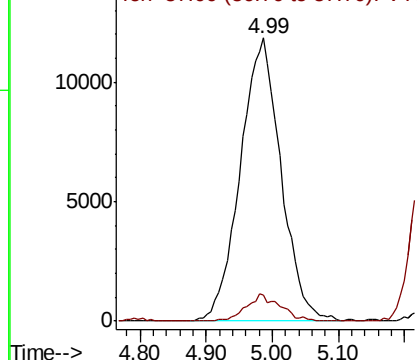
Tert butyl alcohol
 Concen: 245.264 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002209.D
 Acq: 03 Apr 2020 10:43

Instrument :
 MSVOA_Y
 ClientSampled :
 BFB18

Tot Ion: 59 Resp: 50517
 Ion Ratio Lower Upper
 59 100
 57 8.1 7.7 11.5



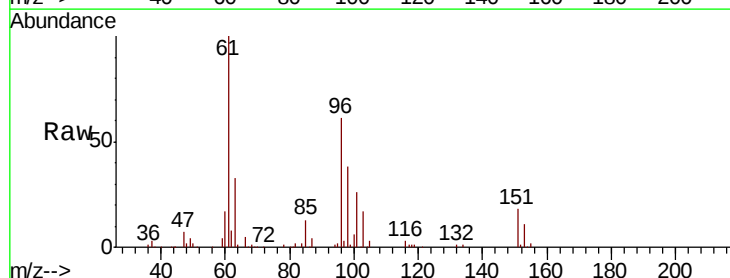
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



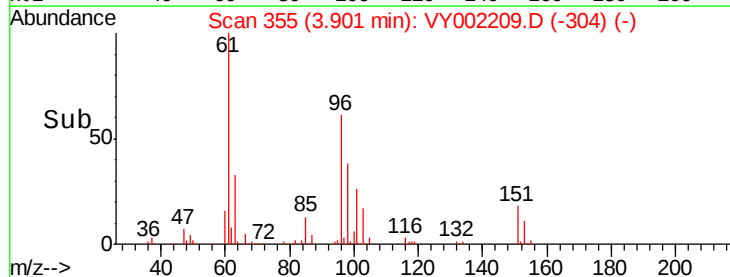
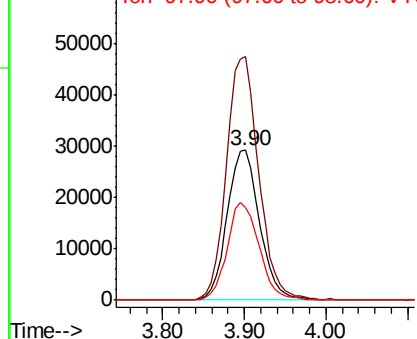
#12

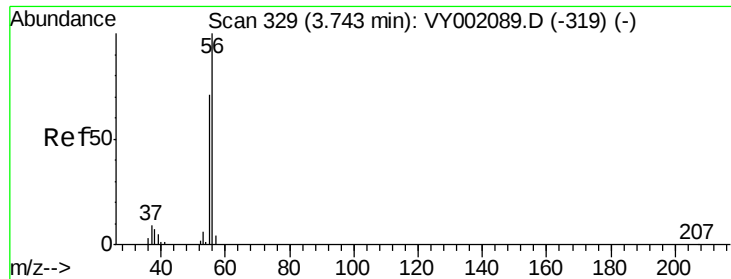
1,1-Dichloroethene
 Concen: 46.908 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.01 min
 Lab File: VY002209.D
 Acq: 03 Apr 2020 10:43

Tgt Ion: 96 Resp: 80474
 Ion Ratio Lower Upper
 96 100
 61 162.8 132.0 198.0
 98 62.1 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 264.164 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

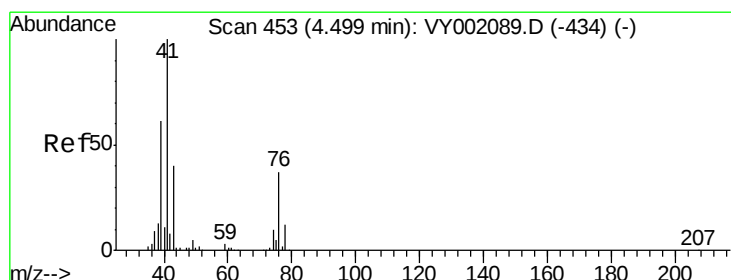
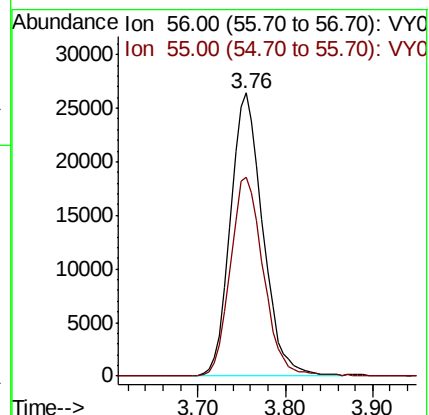
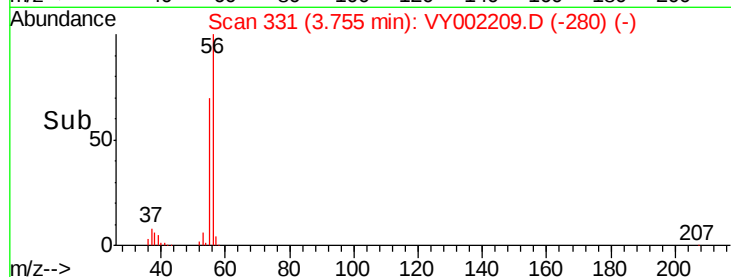
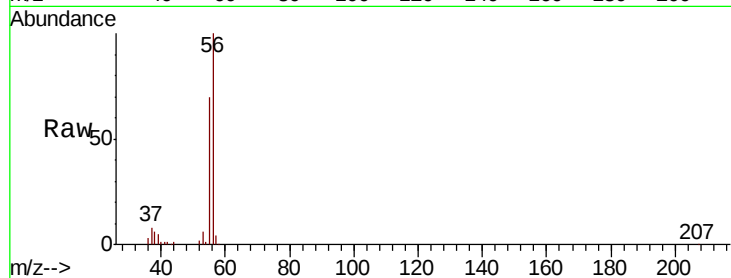
BFB18

Tot Ion: 56 Resp: 68004

Ion Ratio Lower Upper

56 100

55 71.8 56.5 84.7



#14

Allyl chloride

Concen: 47.585 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

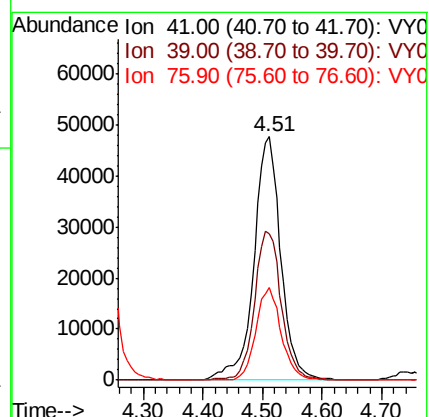
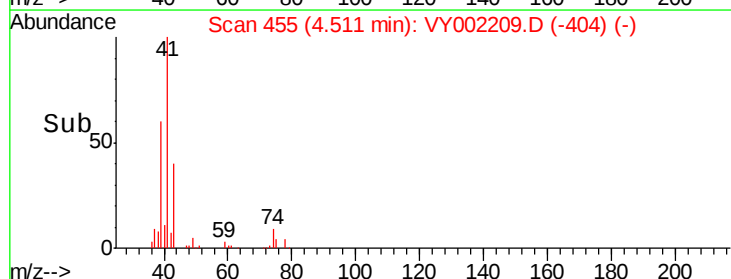
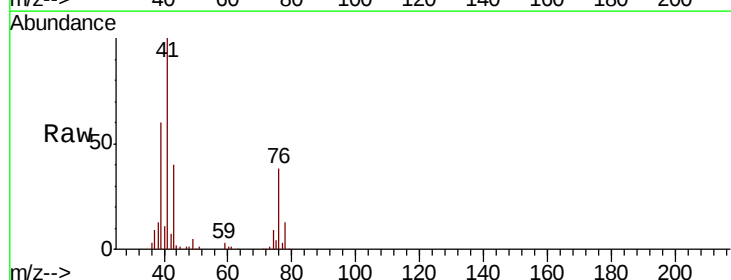
Tgt Ion: 41 Resp: 149449

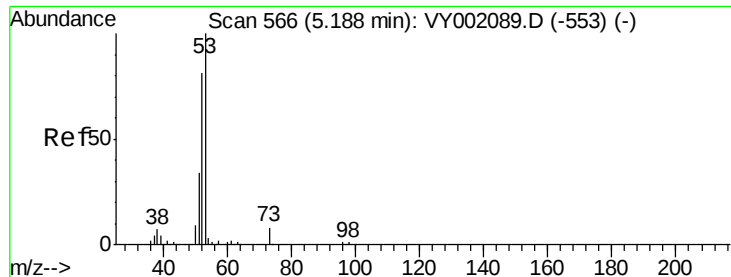
Ion Ratio Lower Upper

41 100

39 60.8 49.0 73.4

76 35.6 27.8 41.8





#15

Acrylonitrile

Concen: 240.965 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampled :

BFB18

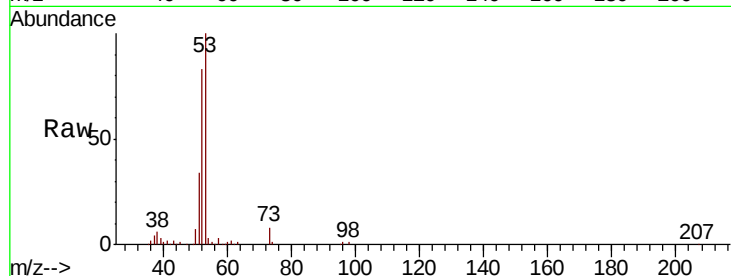
Tot Ion: 53 Resp: 137754

Ion Ratio Lower Upper

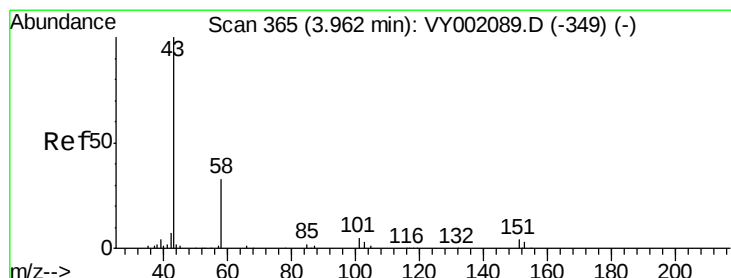
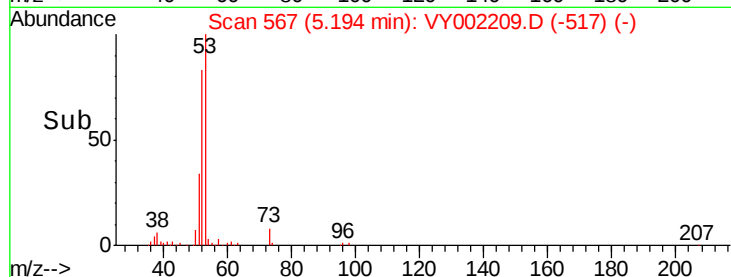
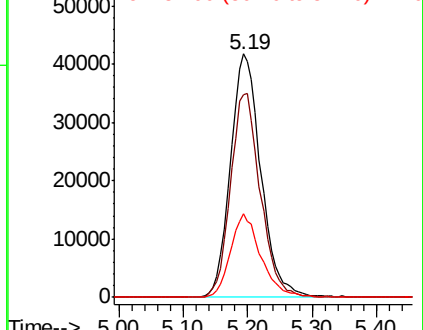
53 100

52 81.9 64.6 97.0

51 34.2 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 246.644 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002209.D

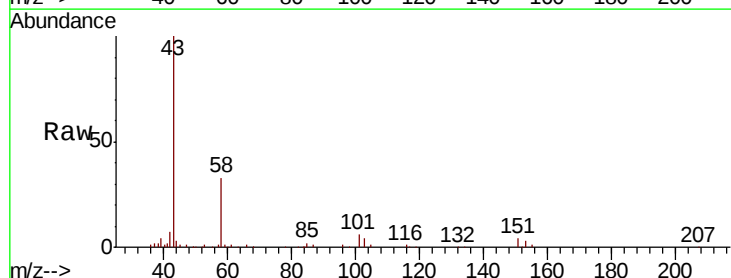
Acq: 03 Apr 2020 10:43

Tgt Ion: 43 Resp: 121114

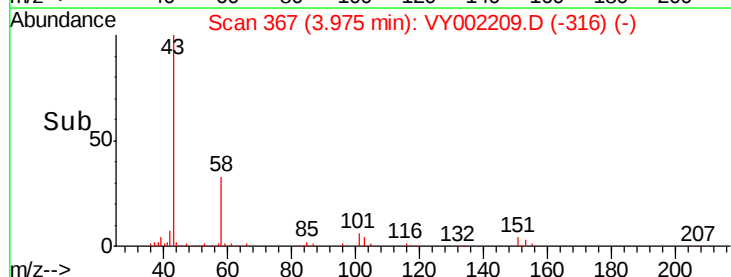
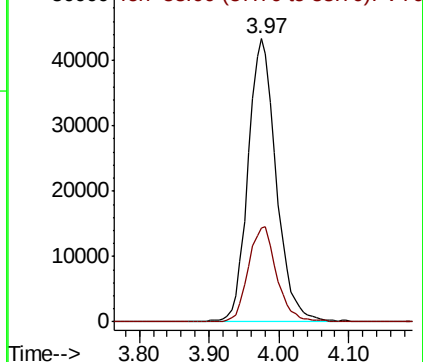
Ion Ratio Lower Upper

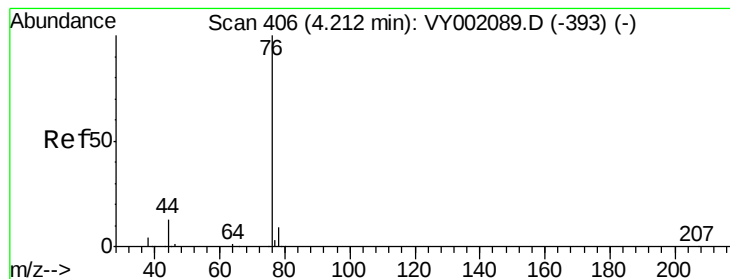
43 100

58 33.3 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 45.526 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

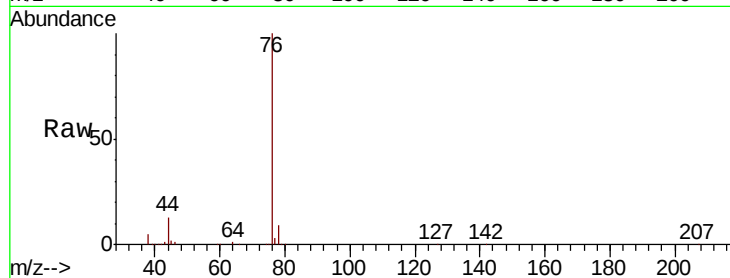
BFB18

Tot Ion: 76 Resp: 259200

Ion Ratio Lower Upper

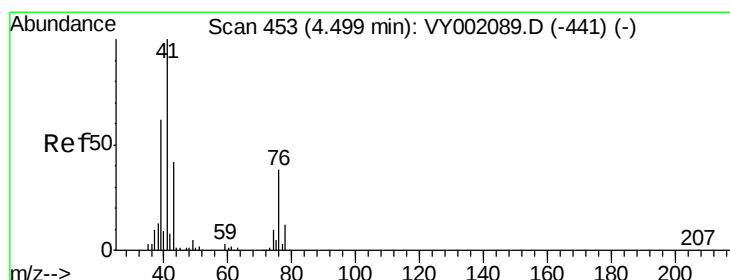
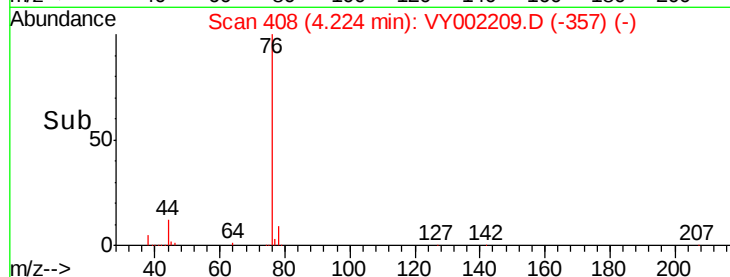
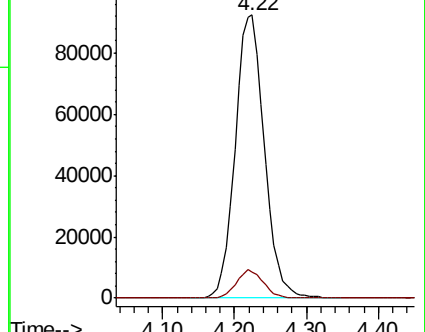
76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY002209.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VY002209.D (-393) (-)



#18

Methyl Acetate

Concen: 46.228 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002209.D

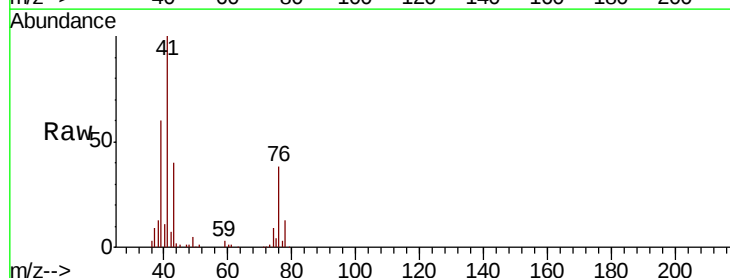
Acq: 03 Apr 2020 10:43

Tgt Ion: 43 Resp: 58946

Ion Ratio Lower Upper

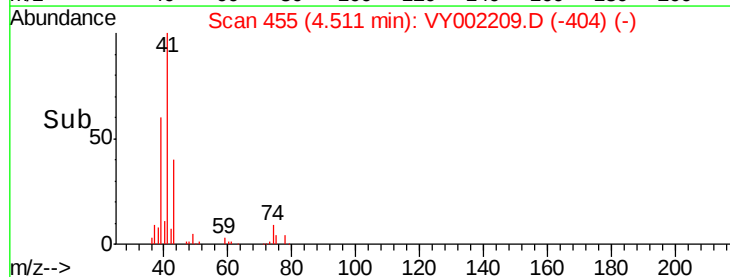
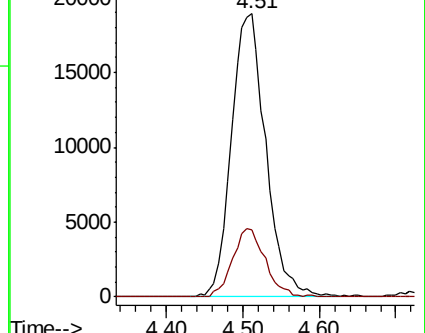
43 100

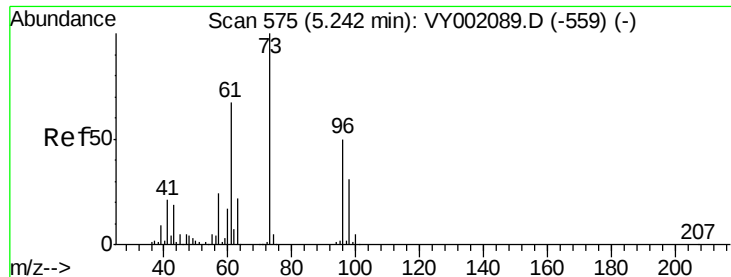
74 22.8 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY002209.D (-404) (-)

Ion 74.00 (73.70 to 74.70): VY002209.D (-404) (-)

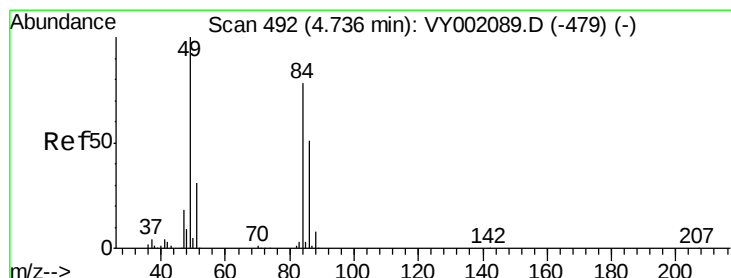
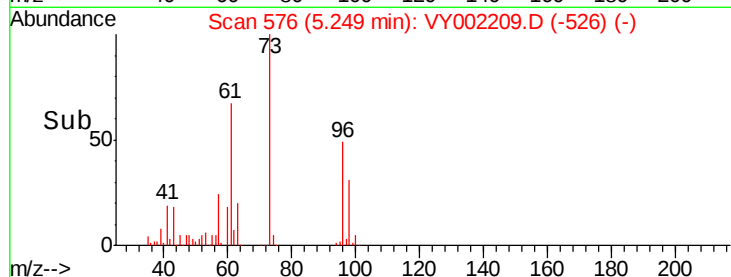
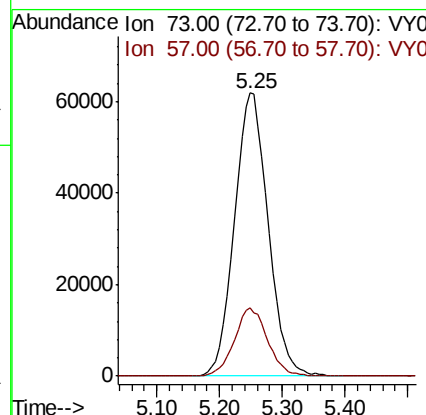
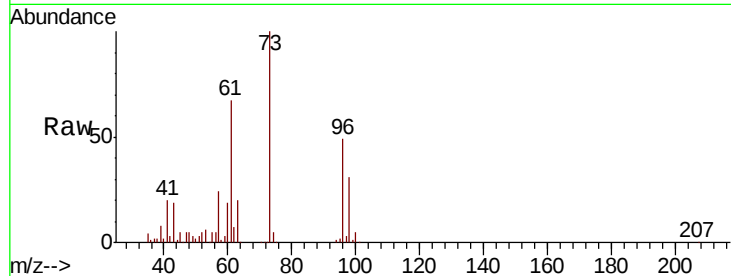




#19
Methvl tert-butvl Ether
Concen: 47.864 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

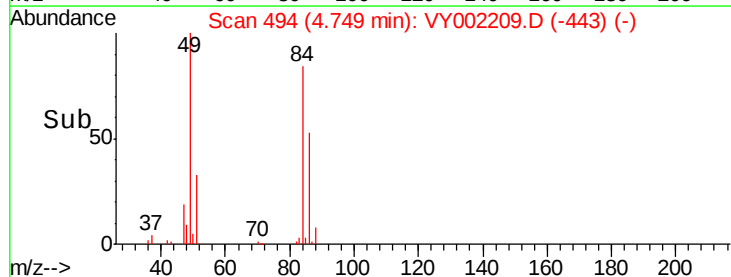
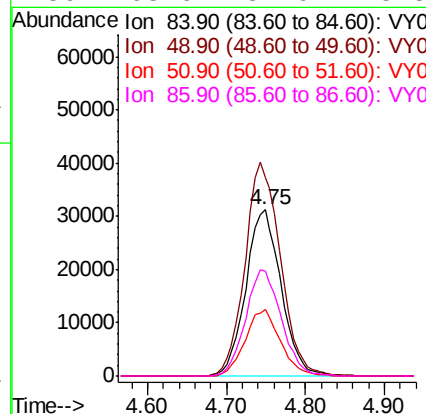
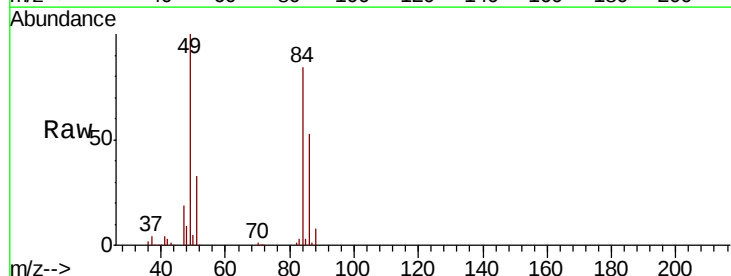
Instrument :
MSVOA_Y
ClientSampleId :
BFB18

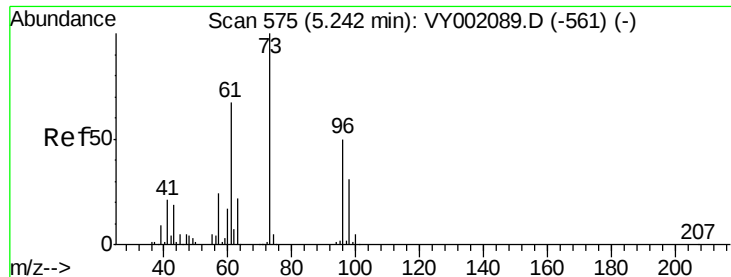
Tot Ion: 73 Resp: 229071
Ion Ratio Lower Upper
73 100
57 24.4 19.0 28.6



#20
Methylene Chloride
Concen: 47.554 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Tgt Ion: 84 Resp: 97188
Ion Ratio Lower Upper
84 100
49 119.4 102.2 153.4
51 39.9 31.2 46.8
86 63.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 47.603 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

BFB18

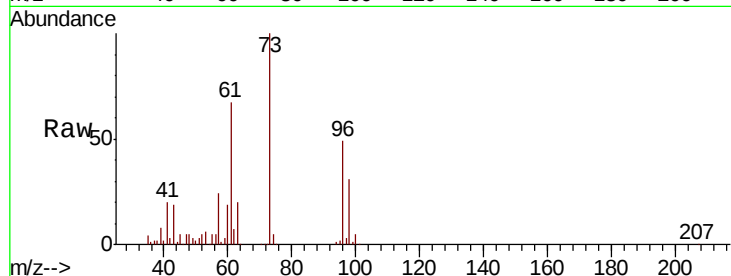
Tot Ion: 96 Resp: 92985

Ion Ratio Lower Upper

96 100

61 136.0 107.7 161.5

98 63.2 50.5 75.7

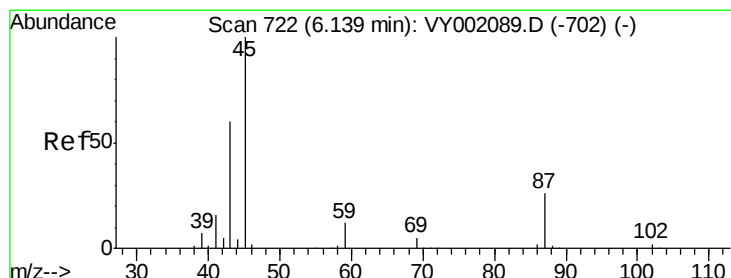
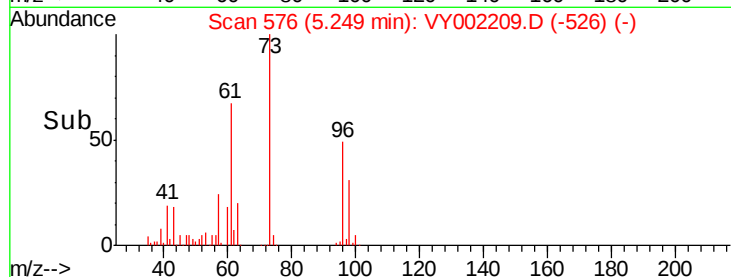
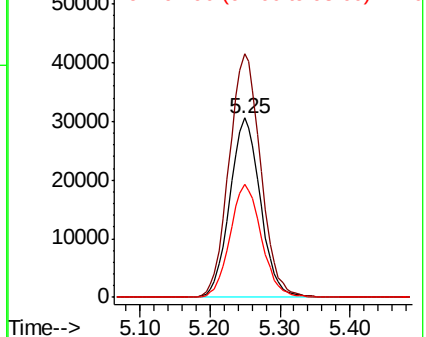


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 48.253 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Tgt Ion: 45 Resp: 310133

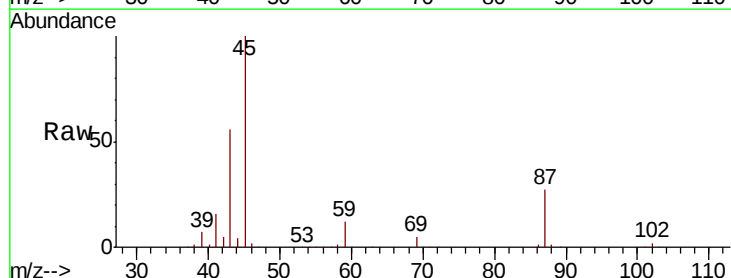
Ion Ratio Lower Upper

45 100

43 56.1 48.1 72.1

87 26.9 21.1 31.7

59 11.8 9.2 13.8



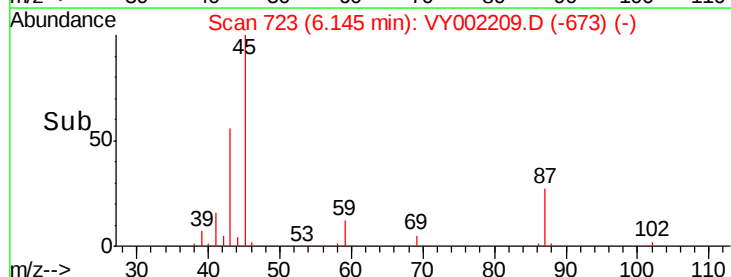
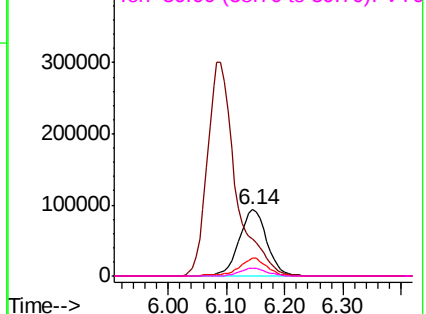
Abundance

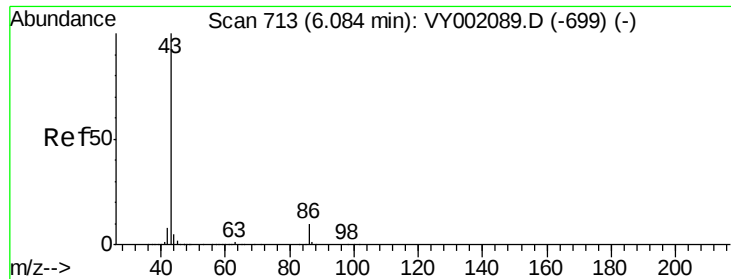
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 241.209 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

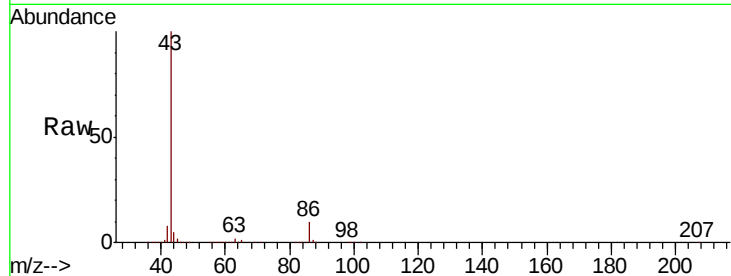
BFB18

Tot Ion: 43 Resp: 1016602

Ion Ratio Lower Upper

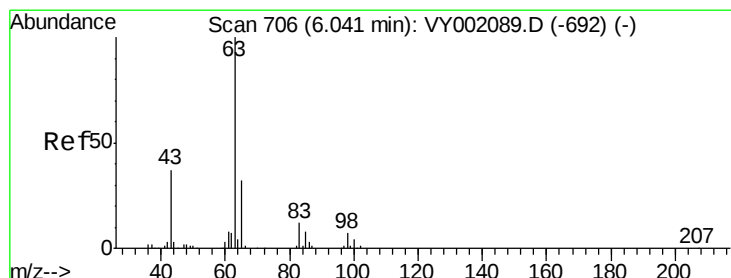
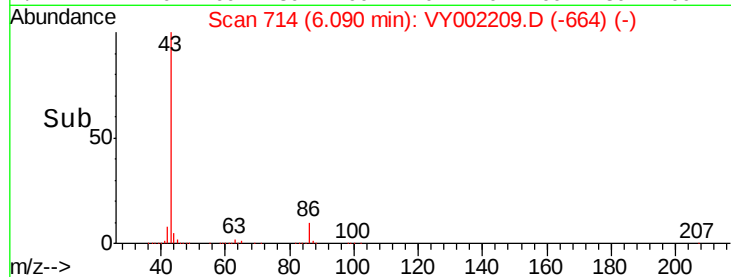
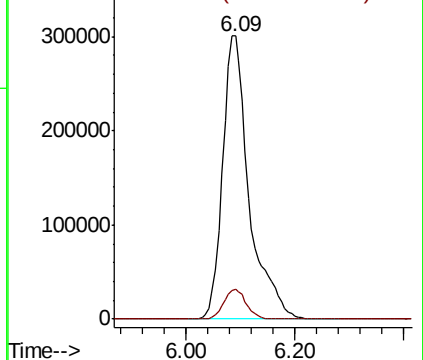
43 100

86 10.4 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 48.161 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

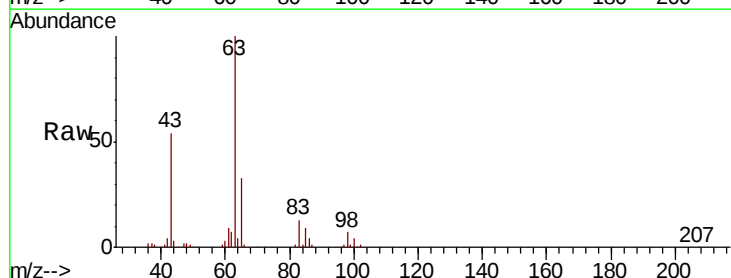
Tgt Ion: 63 Resp: 164584

Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

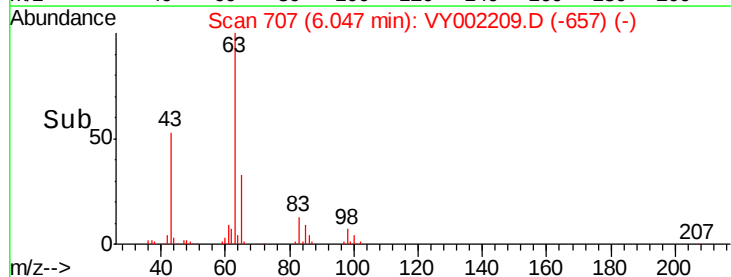
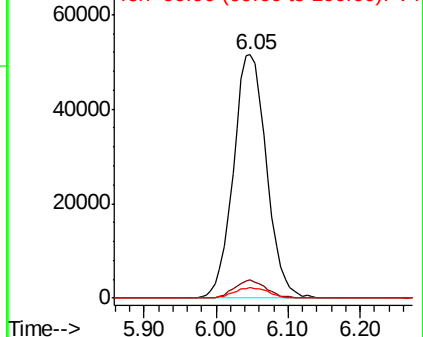
100 4.4 1.8 5.5

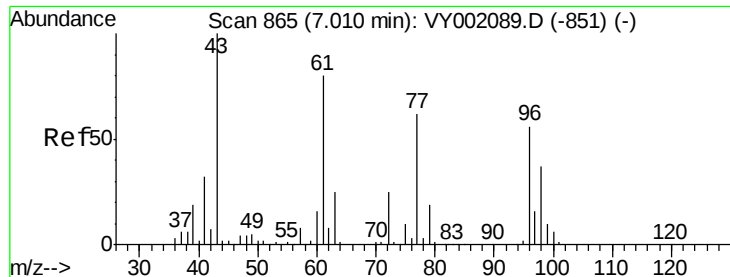


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 239.250 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.00 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampled :

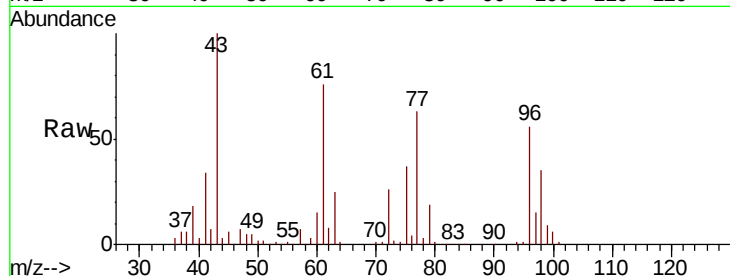
BFB18

Tot Ion: 43 Resp: 180396

Ion Ratio Lower Upper

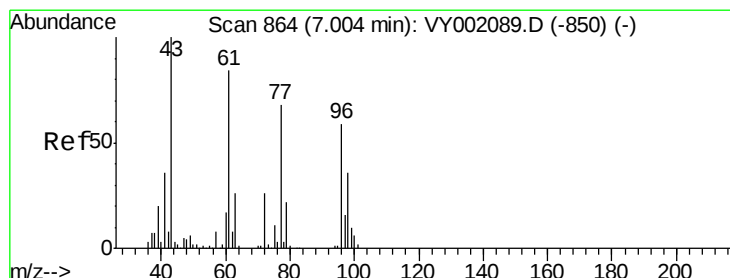
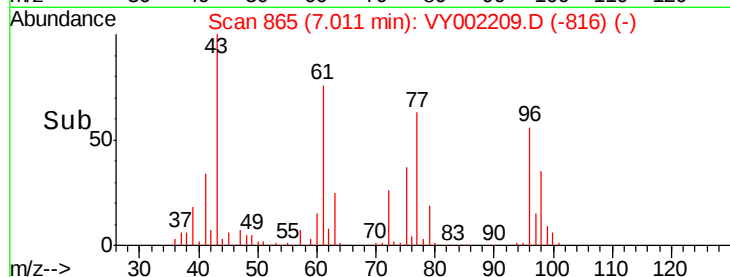
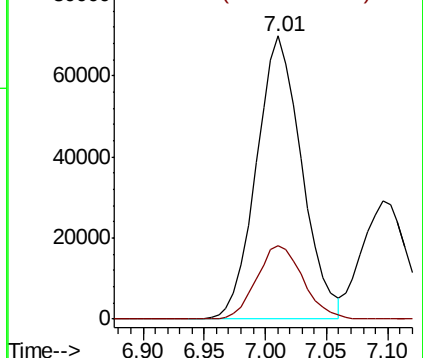
43 100

72 25.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 48.951 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002209.D

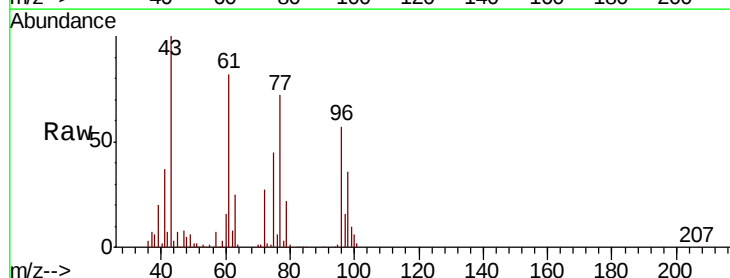
Acq: 03 Apr 2020 10:43

Tgt Ion: 77 Resp: 137773

Ion Ratio Lower Upper

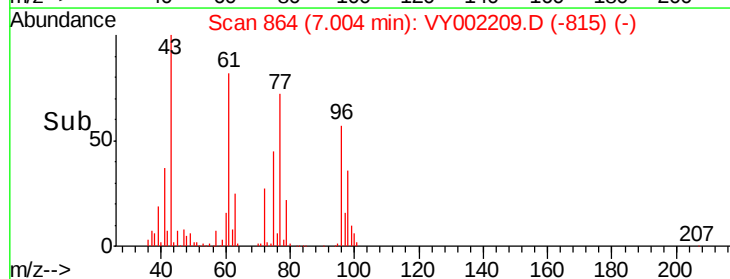
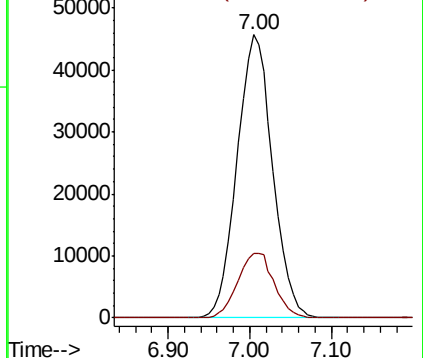
77 100

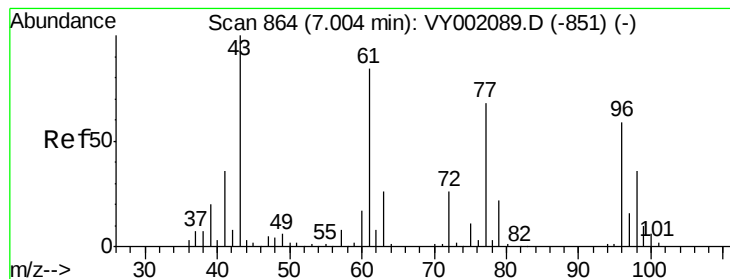
97 23.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



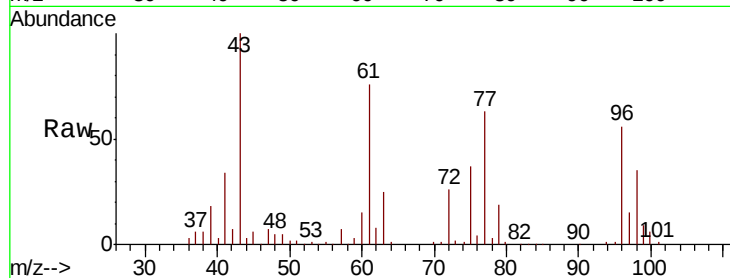


#27

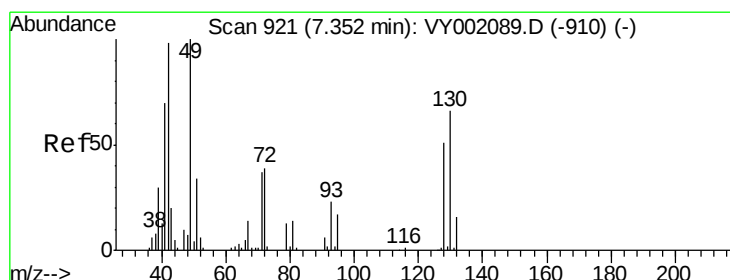
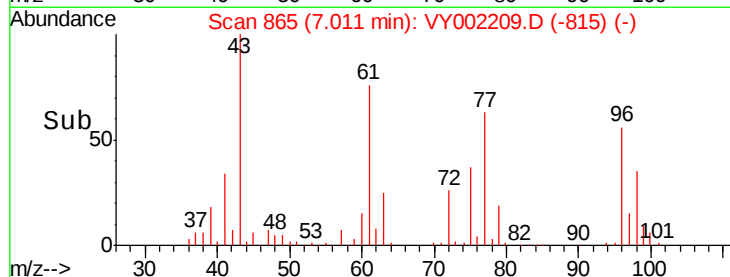
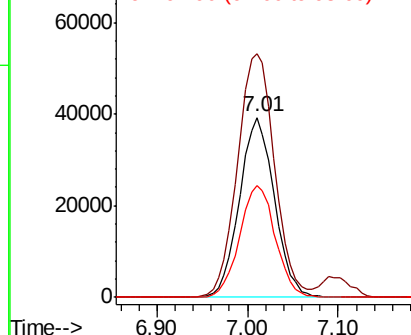
cis-1,2-Dichloroethene
 Concen: 48.794 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002209.D
 Acq: 03 Apr 2020 10:43

Instrument :
 MSVOA_Y
 ClientSampled :
 BFB18

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	290.6
98	63.3	0.0	128.0



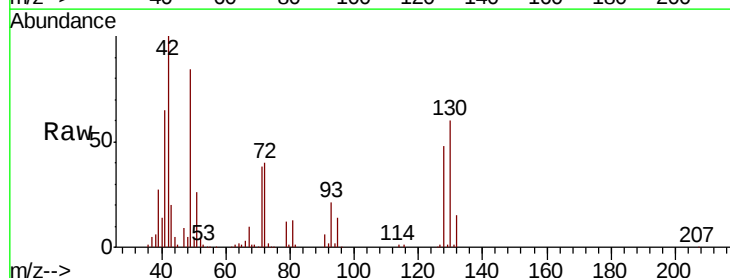
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



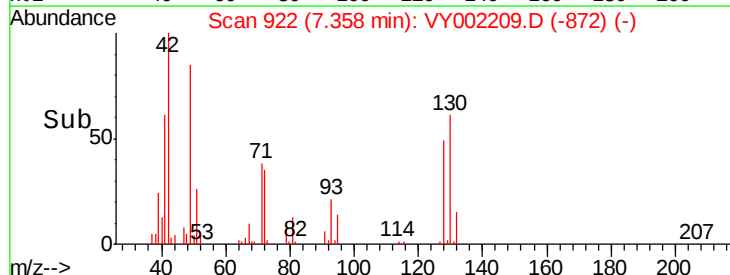
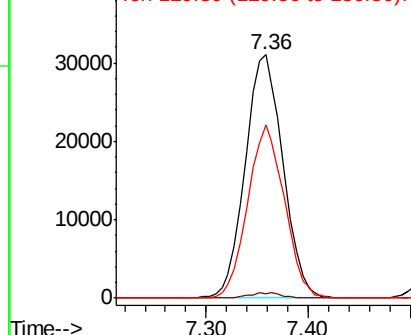
#28

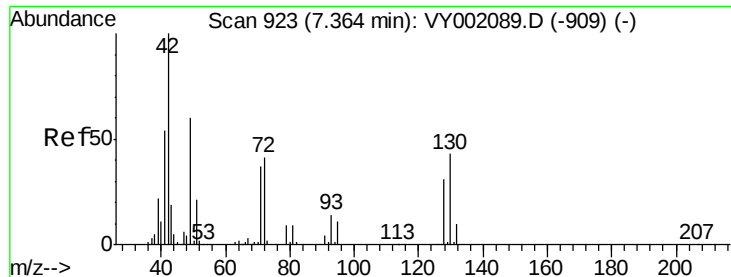
Bromochloromethane
 Concen: 51.151 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002209.D
 Acq: 03 Apr 2020 10:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	69.2	54.1	81.1



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): VY0
 Ion 129.80 (129.50 to 130.50): VY0

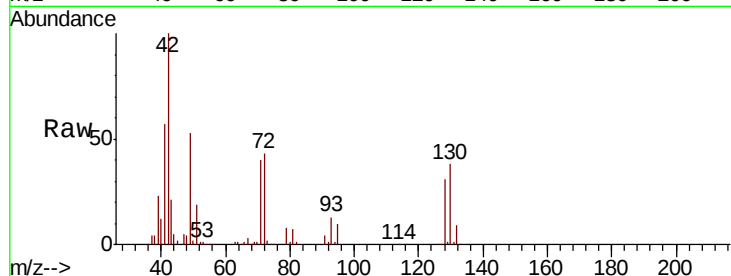




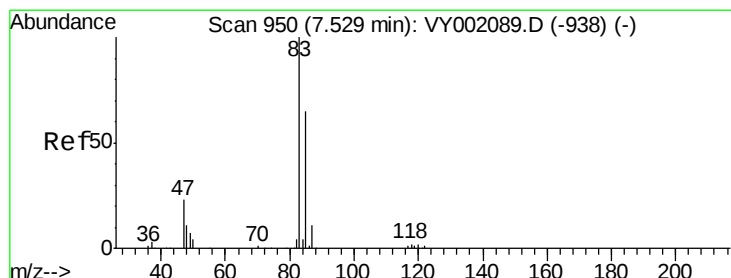
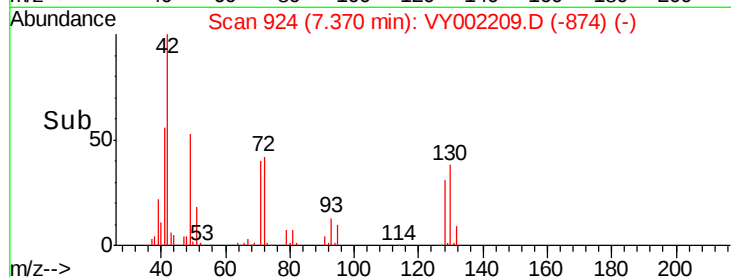
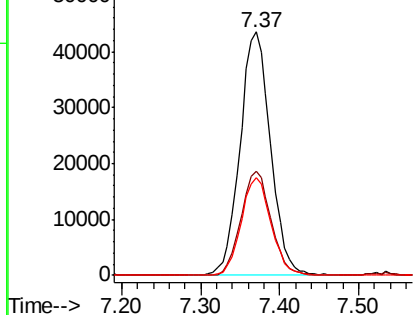
#29
Tetrahydrofuran
Concen: 236.941 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
BFB18

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.0	49.4
71	39.0	31.2	46.8

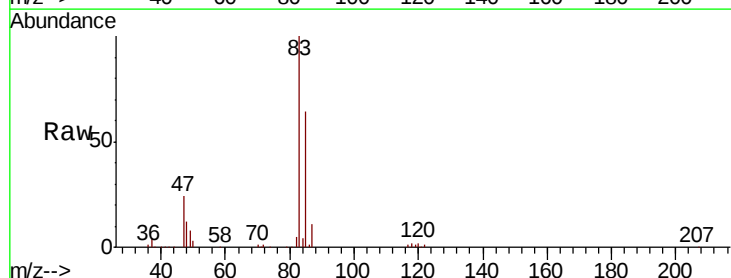


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

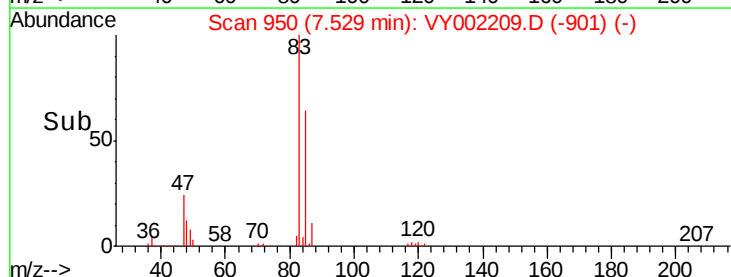
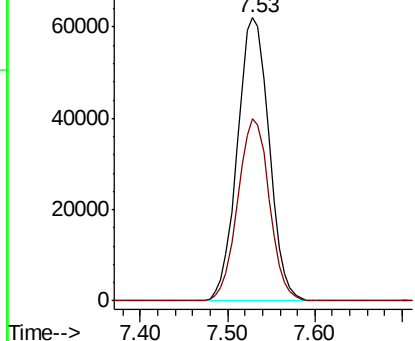


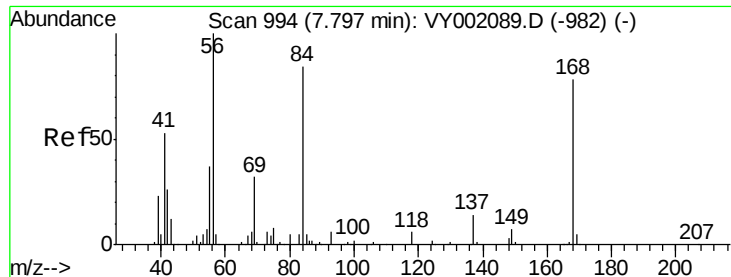
#30
Chloroform
Concen: 48.322 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.4	78.6



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0

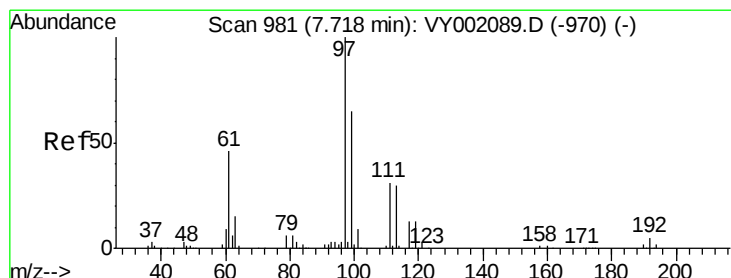
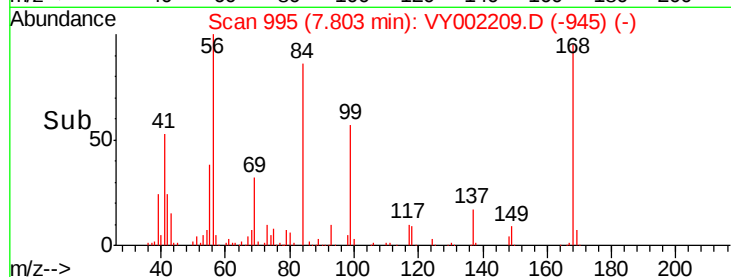
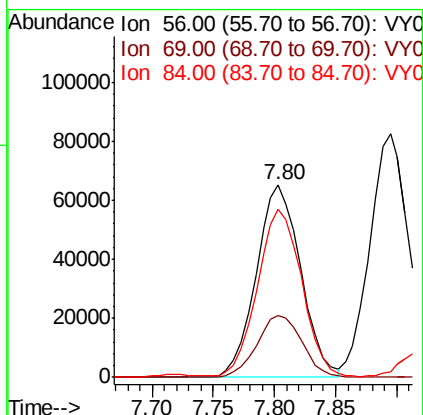
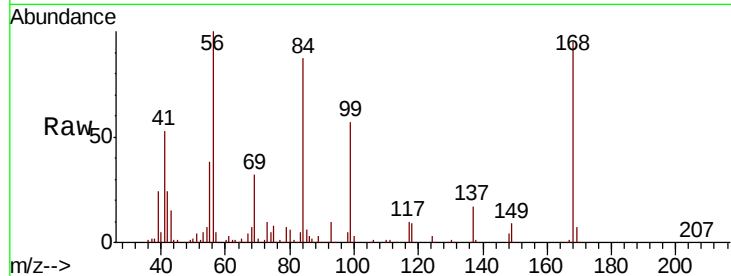




#31
Cyclohexane
Concen: 45.328 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

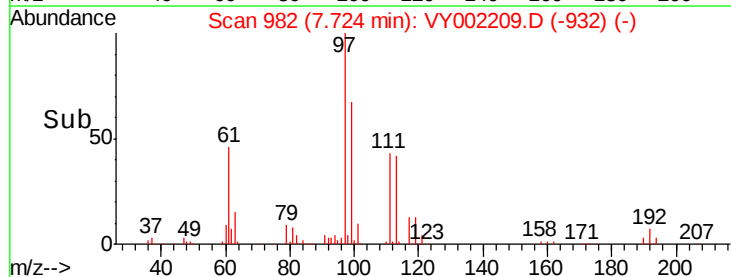
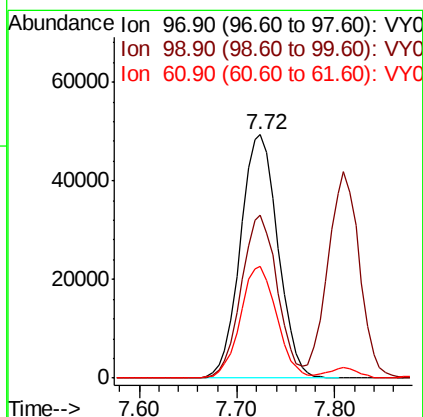
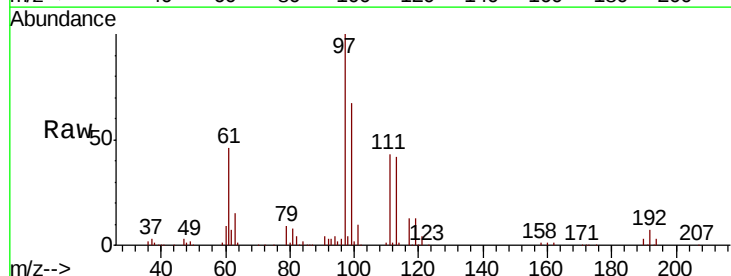
Instrument :
MSVOA_Y
ClientSampleId :
BFB18

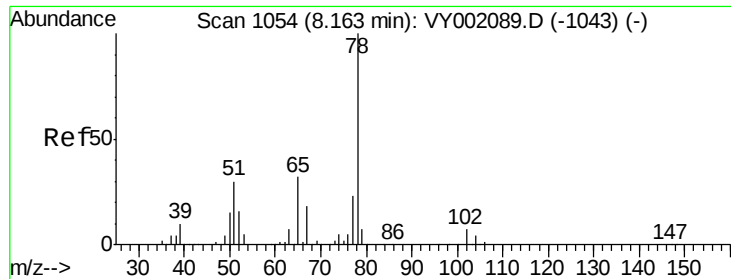
Tot Ion: 56 Resp: 165059
Ion Ratio Lower Upper
56 100
69 32.1 25.8 38.8
84 85.8 67.1 100.7



#32
1,1,1-Trichloroethane
Concen: 48.496 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.01 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Tgt Ion: 97 Resp: 131157
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 44.8 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 47.514 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

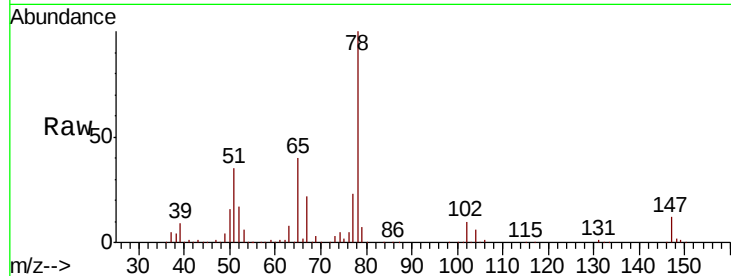
BFB18

Tot Ion: 65 Resp: 83046

Ion Ratio Lower Upper

65 100

67 56.8 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002209.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002209.D (-1043) (-)

8.16

40000

30000

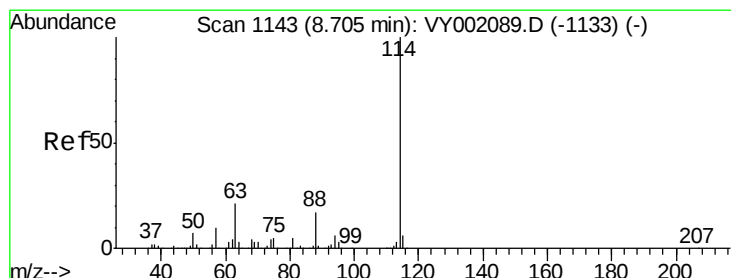
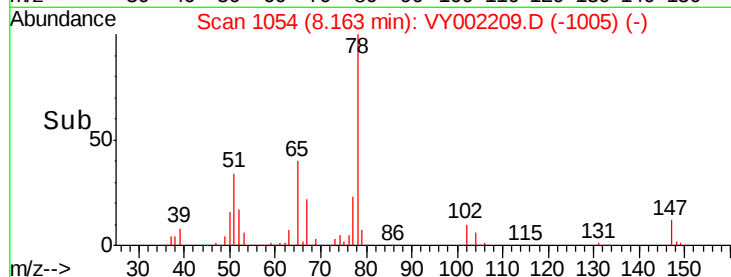
20000

10000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

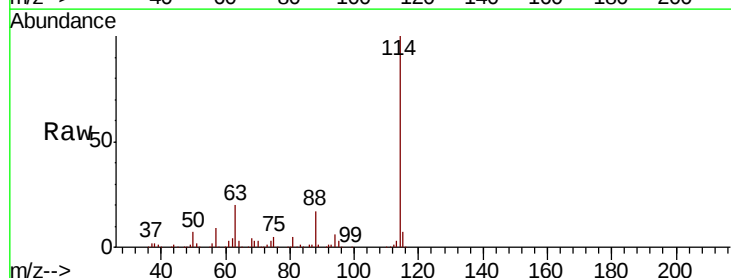
Tgt Ion: 114 Resp: 287033

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

88 17.0 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VY002209.D (-1133) (-)

Ion 63.00 (62.70 to 63.70): VY002209.D (-1133) (-)

Ion 87.90 (87.60 to 88.60): VY002209.D (-1133) (-)

200000

150000

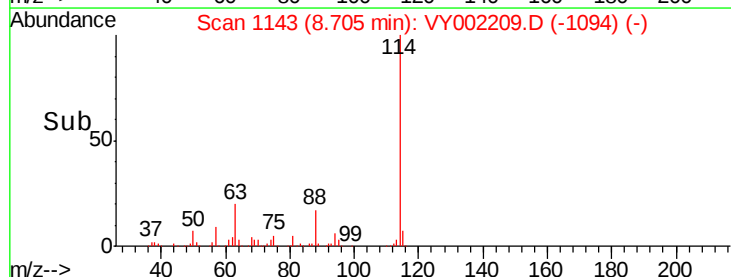
100000

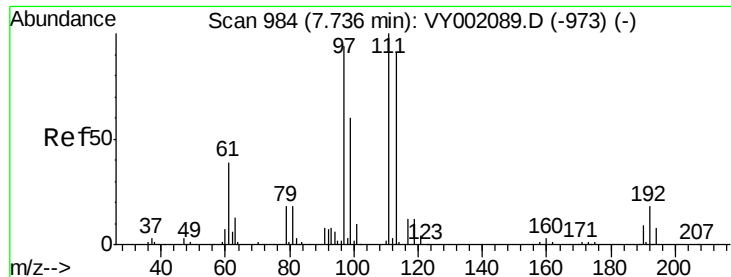
50000

0

8.60 8.70 8.80

Time-->

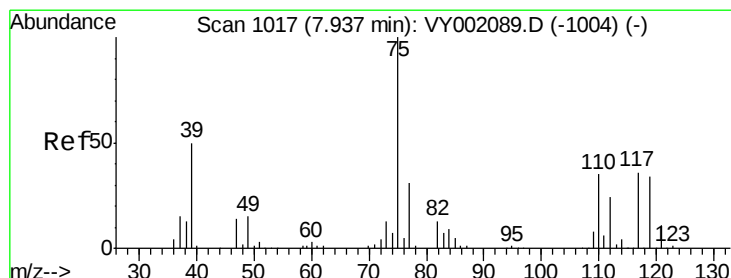
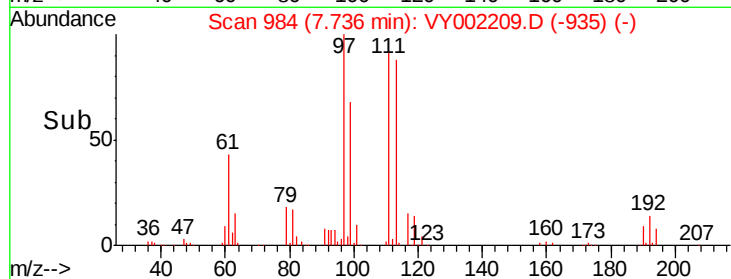
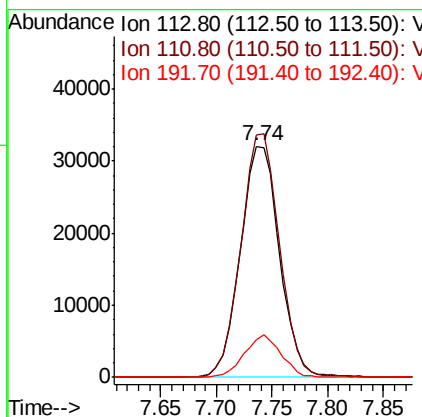
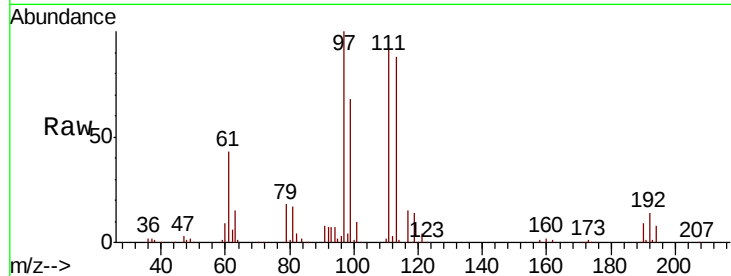




#35
 Dibromofluoromethane
 Concen: 48.647 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002209.D
 Acq: 03 Apr 2020 10:43

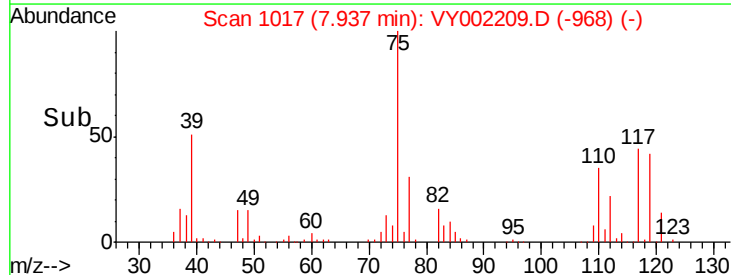
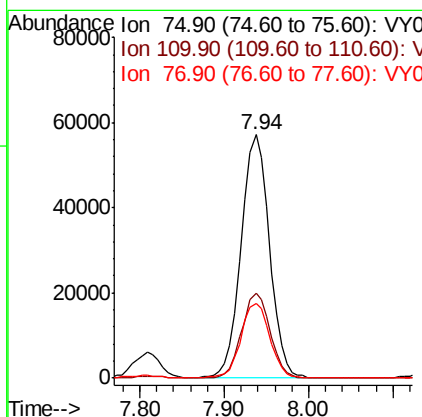
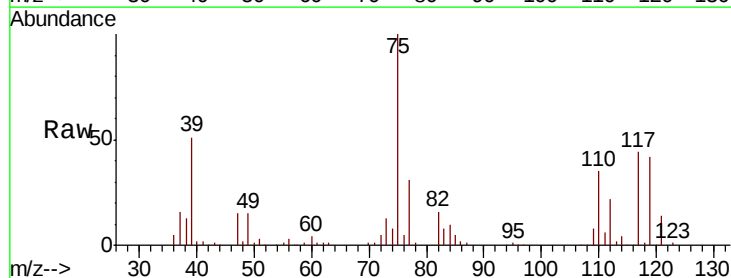
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB18

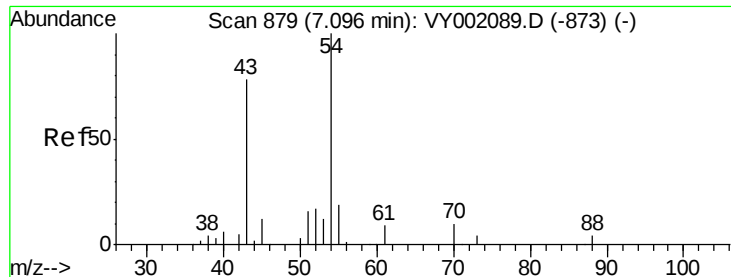
Tot Ion:113 Resp: 78238
 Ion Ratio Lower Upper
 113 100
 111 104.1 84.4 126.6
 192 17.3 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 47.704 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VY002209.D
 Acq: 03 Apr 2020 10:43

Tgt Ion: 75 Resp: 129512
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.2 51.6
 77 31.3 24.7 37.1

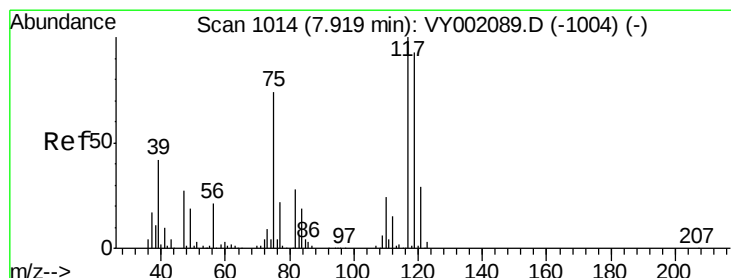
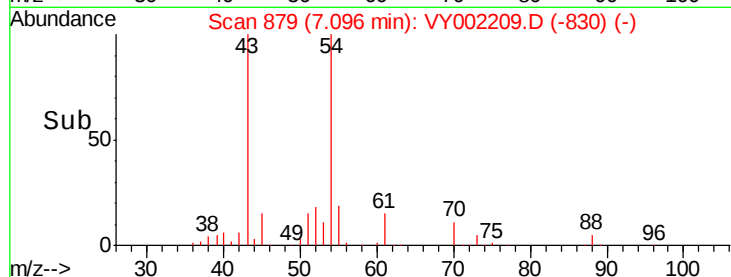
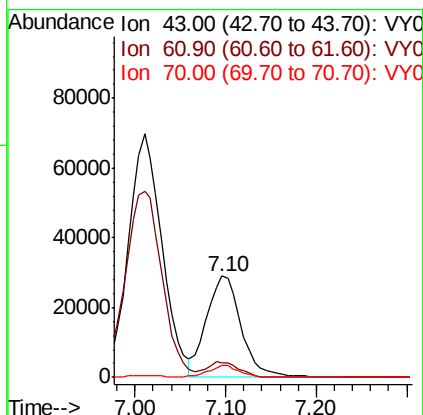
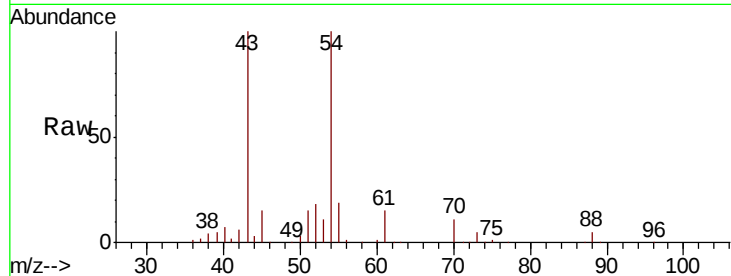




#37
Ethyl Acetate
Concen: 47.128 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

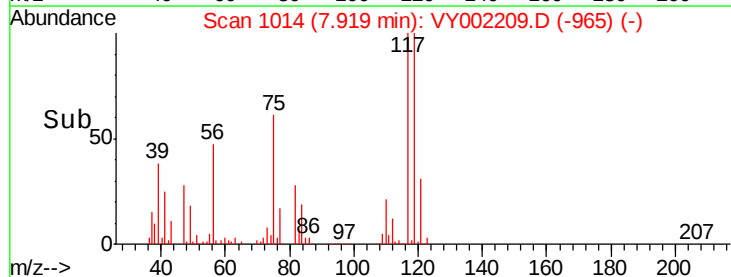
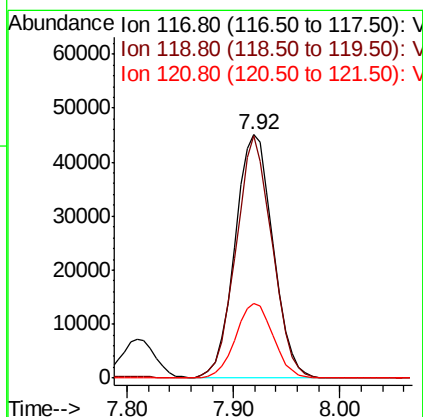
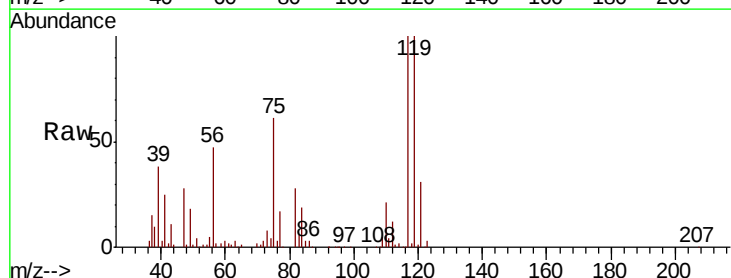
Instrument :
MSVOA_Y
ClientSampled :
BFB18

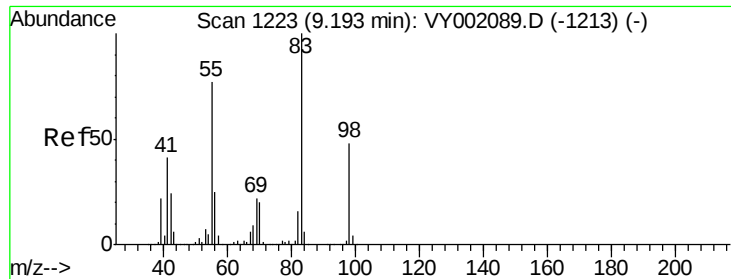
Tot Ion: 43 Resp: 77320
Ion Ratio Lower Upper
43 100
61 14.5 11.2 16.8
70 10.4 8.2 12.4



#38
Carbon Tetrachloride
Concen: 49.098 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Tgt Ion: 117 Resp: 113093
Ion Ratio Lower Upper
117 100
119 99.6 74.3 111.5
121 30.8 23.3 34.9

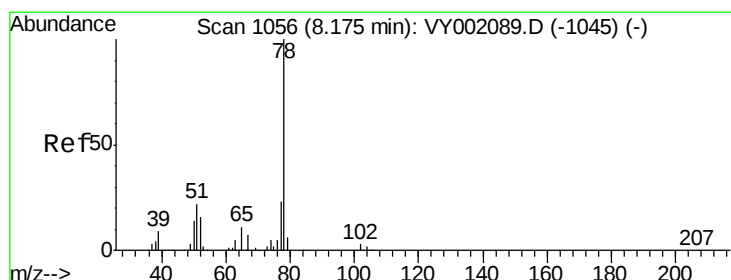
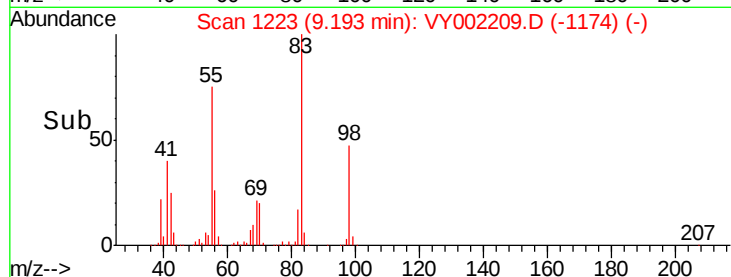
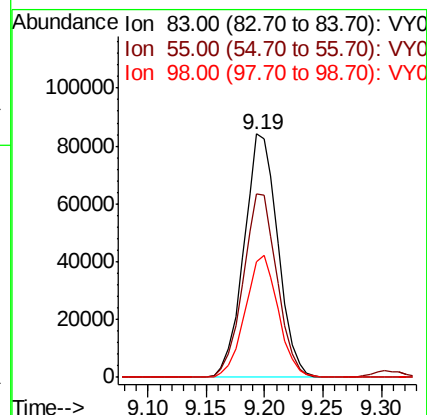
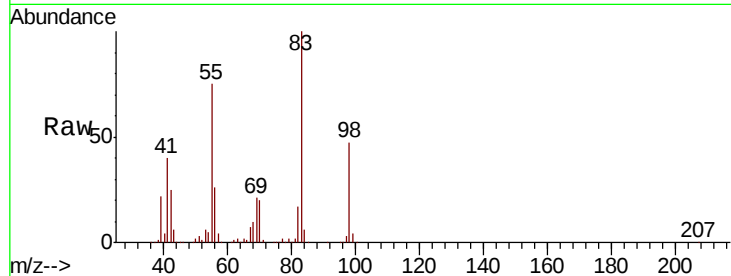




#39
Methvlcvclohexane
Concen: 47.855 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

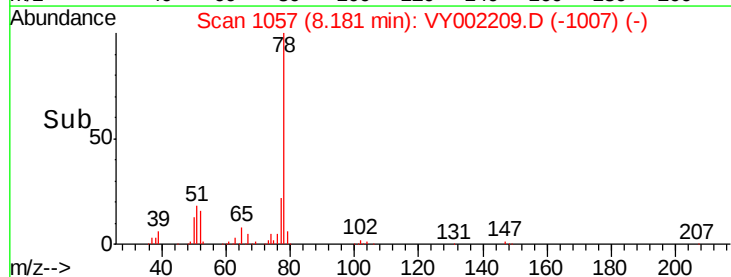
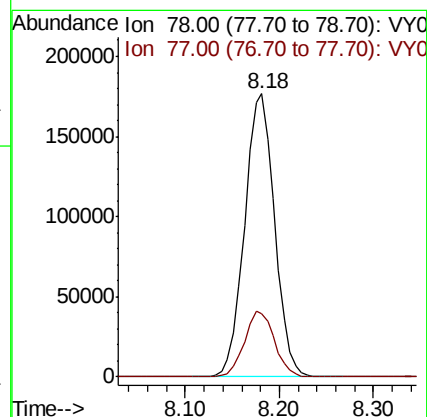
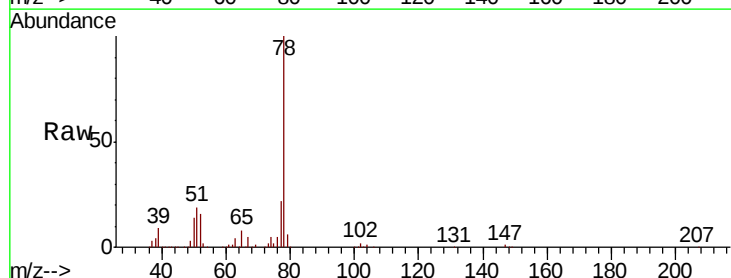
Instrument :
MSVOA_Y
ClientSampled :
BFB18

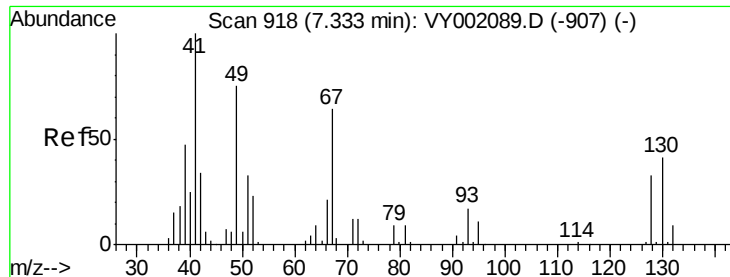
Tot Ion: 83 Resp: 170422
Ion Ratio Lower Upper
83 100
55 75.2 61.2 91.8
98 47.3 38.2 57.2



#40
Benzene
Concen: 48.821 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Tgt Ion: 78 Resp: 392615
Ion Ratio Lower Upper
78 100
77 22.4 18.2 27.4

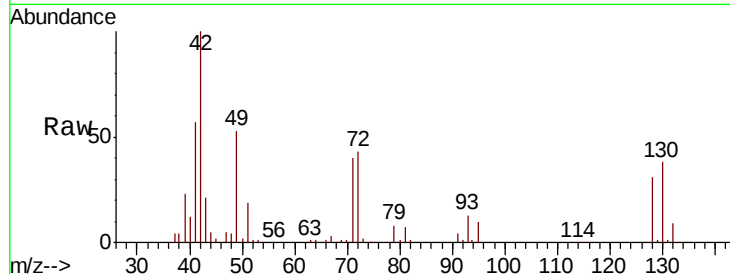




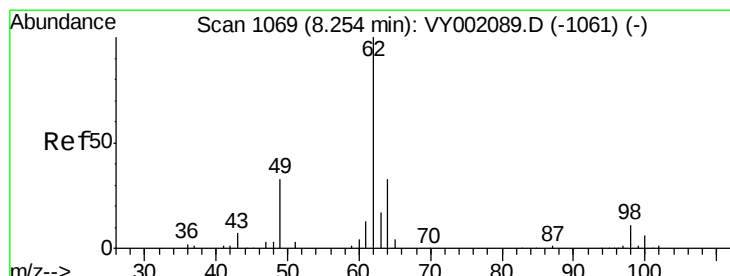
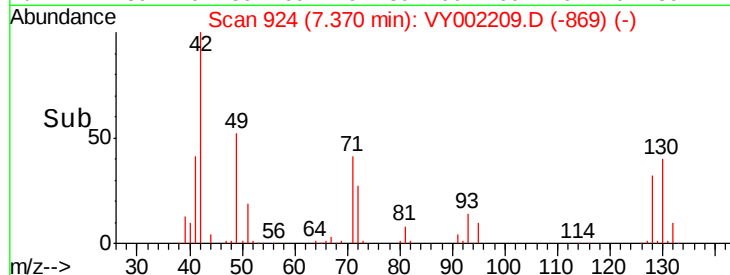
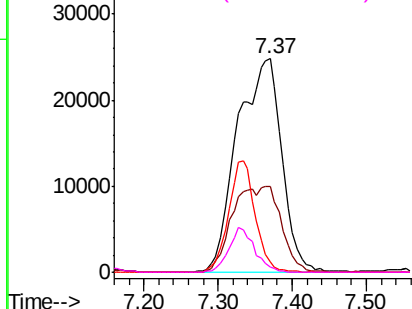
#41
Methacrylonitrile
Concen: 124.771 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.04 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
BFB18

Tot Ion:	41	Resp:	103545
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

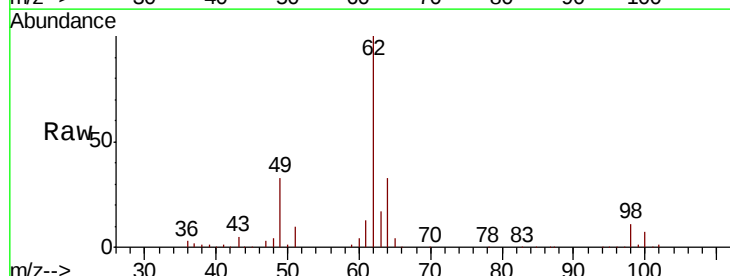


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

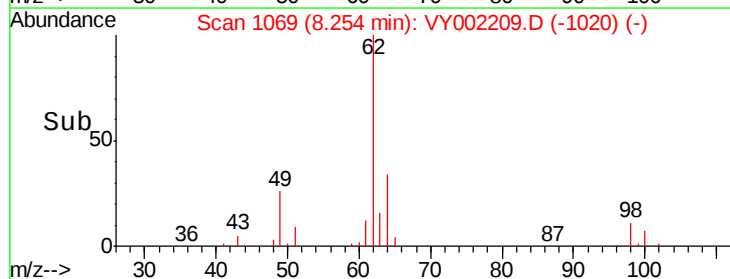
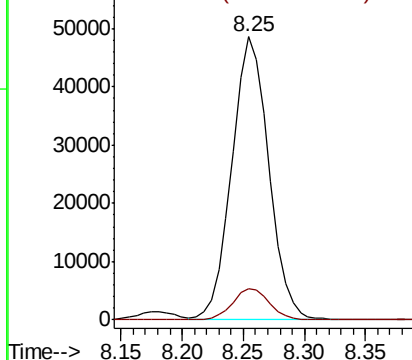


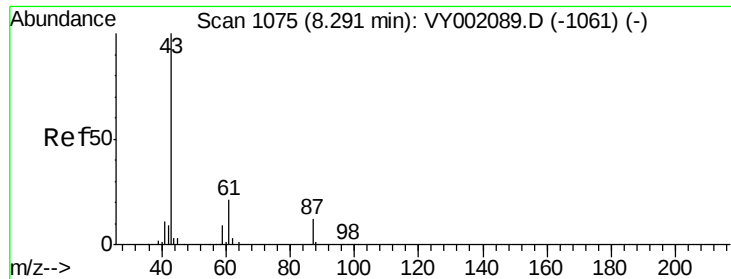
#42
1,2-Dichloroethane
Concen: 47.703 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Tgt Ion:	62	Resp:	101849
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.2



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



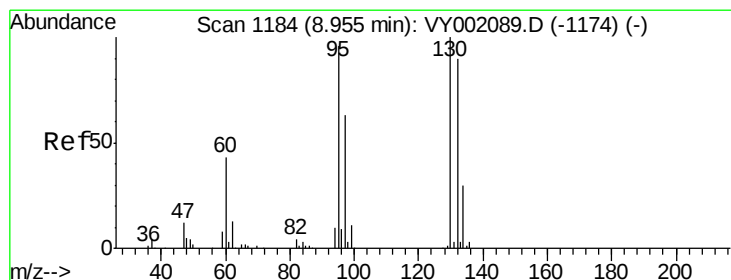
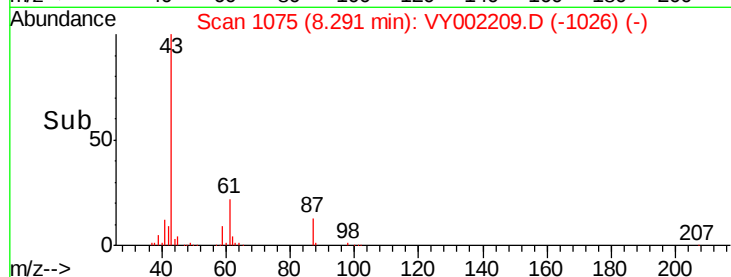
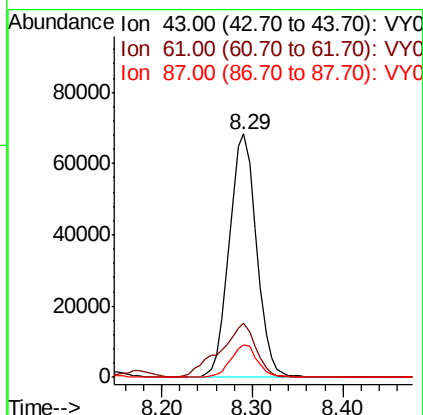
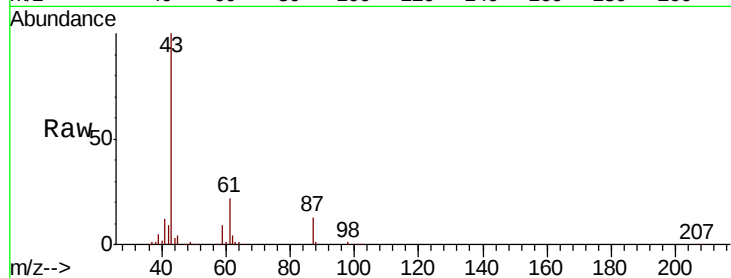


#43

Isopropyl Acetate
 Concen: 47.087 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VY002209.D
 Acq: 03 Apr 2020 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB18

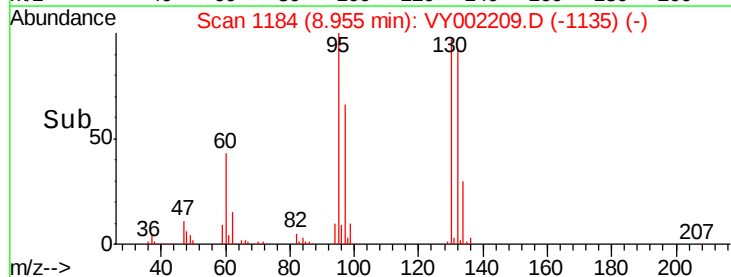
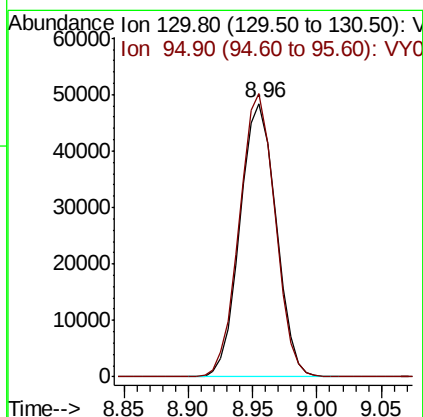
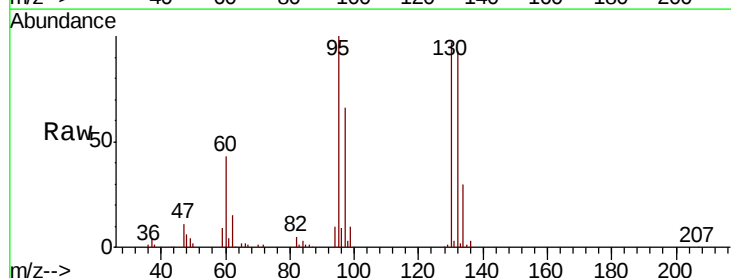
Tot Ion	43	Resp	143383
Ion Ratio	Lower	Upper	
43	100		
61	29.2	23.4	35.2
87	13.1	10.2	15.4

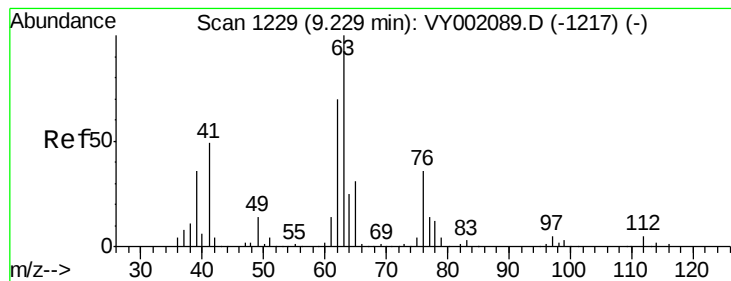


#44

Trichloroethene
 Concen: 48.480 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: VY002209.D
 Acq: 03 Apr 2020 10:43

Tgt Ion	130	Resp	93980
Ion Ratio	Lower	Upper	
130	100		
95	103.6	0.0	193.0





#45

1,2-Dichloropropane

Concen: 49.418 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

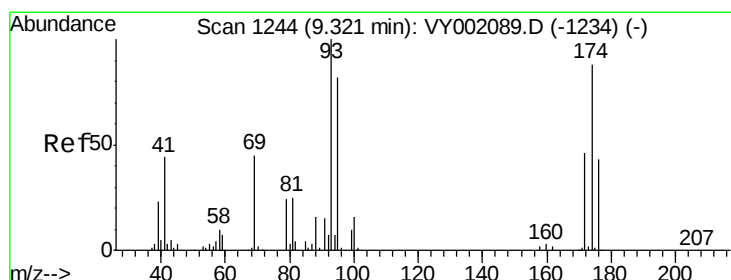
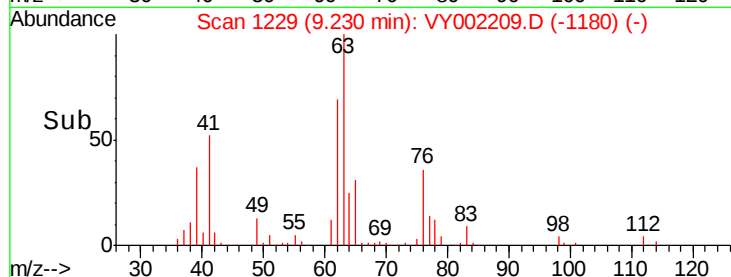
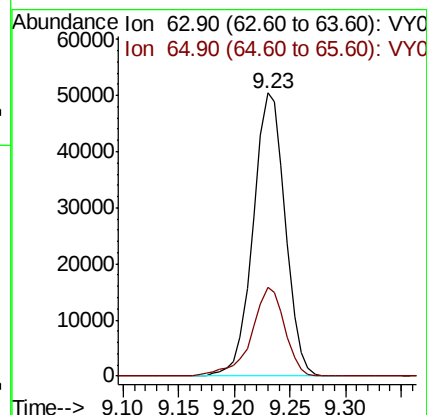
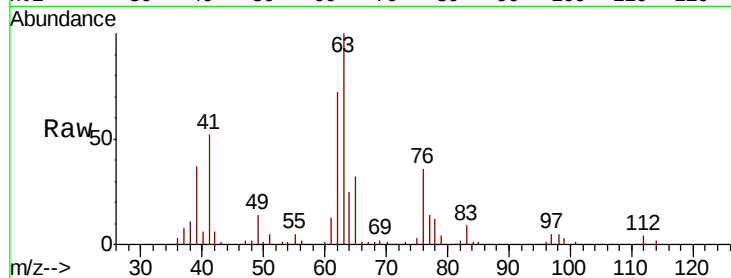
BFB18

Tot Ion: 63 Resp: 101191

Ion Ratio Lower Upper

63 100

65 31.5 25.0 37.6



#46

Dibromomethane

Concen: 48.937 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

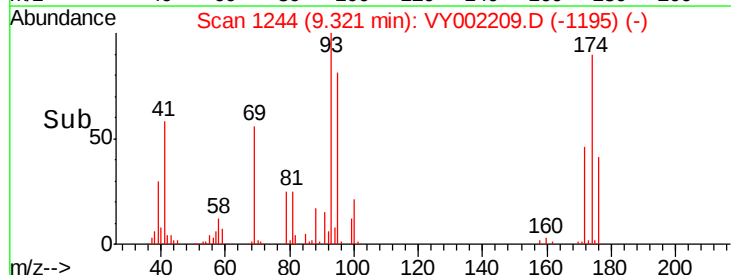
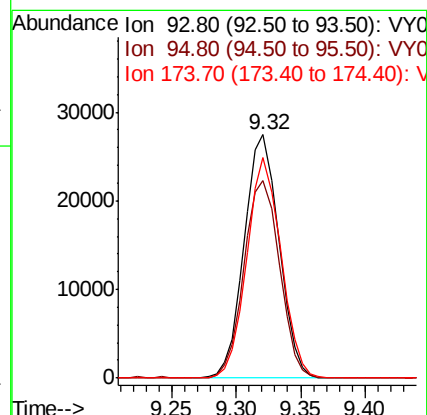
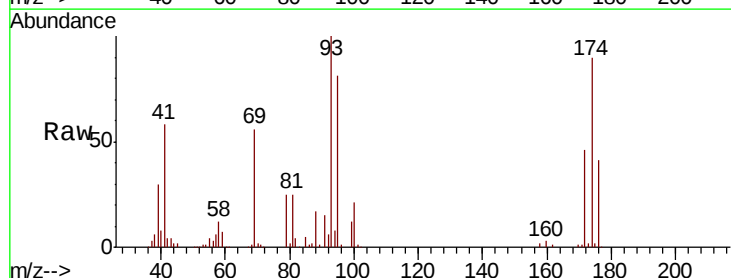
Tgt Ion: 93 Resp: 51462

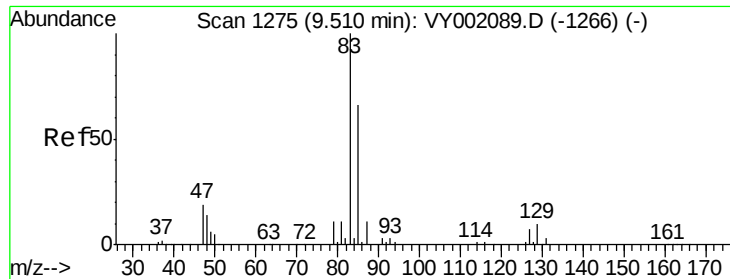
Ion Ratio Lower Upper

93 100

95 83.0 66.0 99.0

174 88.4 69.8 104.8





#47

Bromodichloromethane

Concen: 49.769 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

BFB18

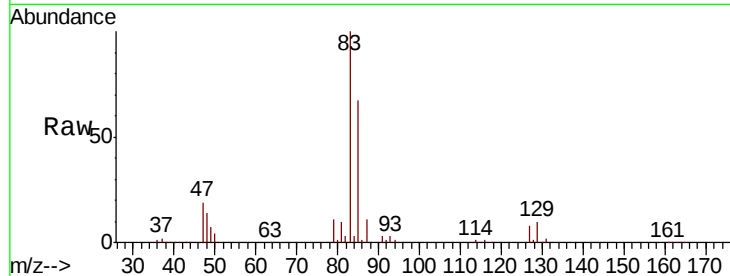
Tot Ion: 83 Resp: 121837

Ion Ratio Lower Upper

83 100

85 67.2 52.6 79.0

127 7.6 5.9 8.9

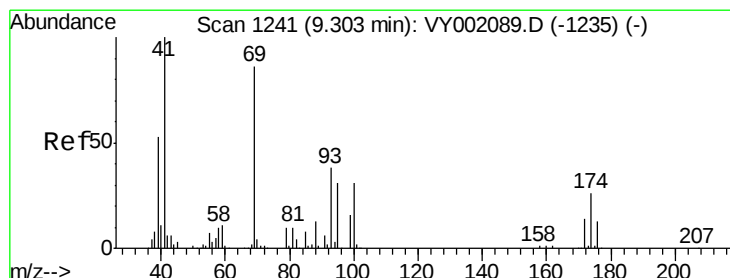
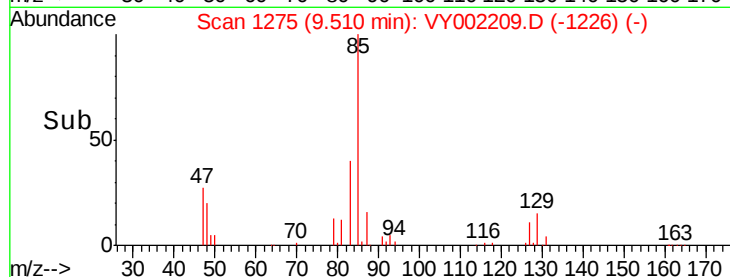


Abundance Ion 82.90 (82.60 to 83.60): VY002209.D (-1266) (-)

Ion 84.90 (84.60 to 85.60): VY002209.D (-1266) (-)

Ion 126.80 (126.50 to 127.50): VY002209.D (-1266) (-)

Time-->



#48

Methyl methacrylate

Concen: 46.714 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

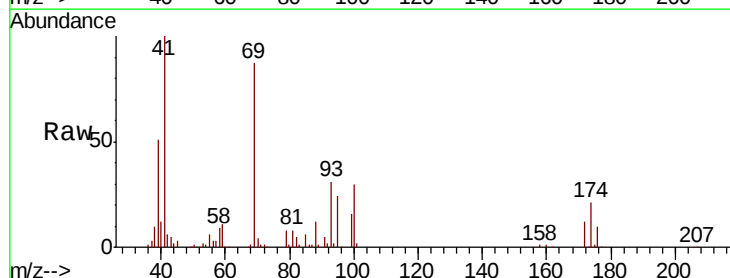
Tgt Ion: 41 Resp: 63746

Ion Ratio Lower Upper

41 100

69 91.2 71.4 107.0

39 54.5 41.0 61.4

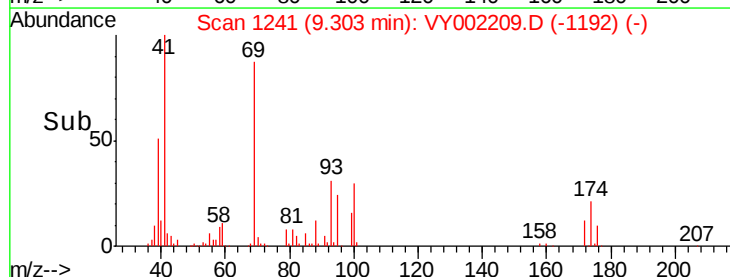


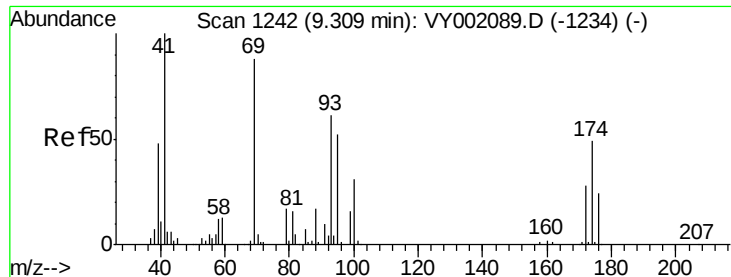
Abundance Ion 41.00 (40.70 to 41.70): VY002209.D (-1192) (-)

Ion 69.00 (68.70 to 69.70): VY002209.D (-1192) (-)

Ion 39.00 (38.70 to 39.70): VY002209.D (-1192) (-)

Time-->

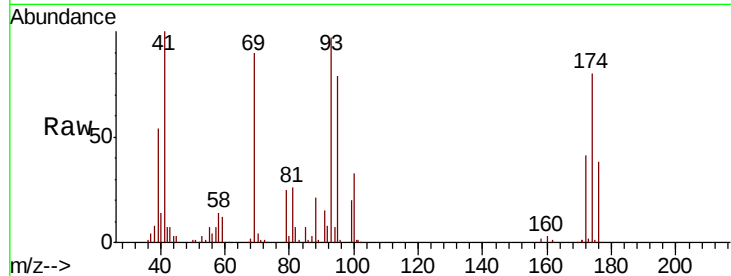




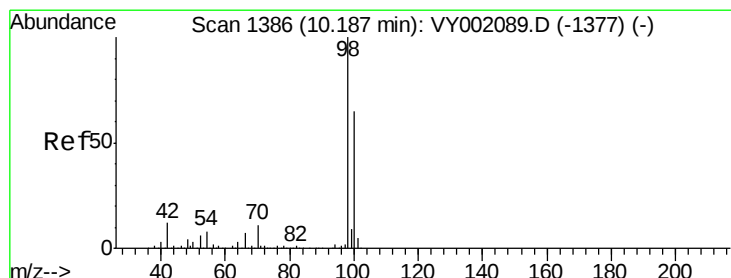
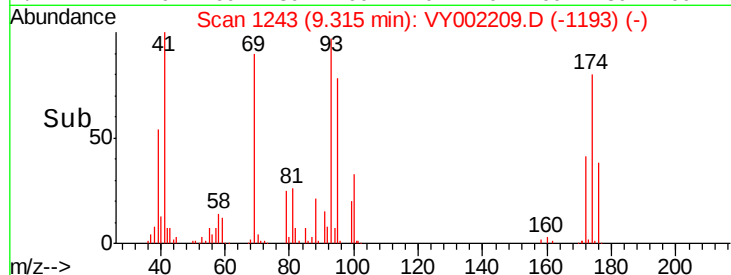
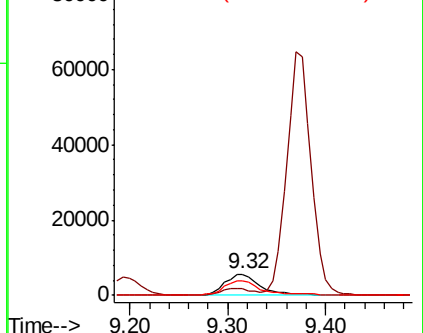
#49
1,4-Dioxane
Concen: 973.290 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
BFB18

Tot Ion: 88 Resp: 14045
Ion Ratio Lower Upper
88 100
43 27.2 27.2 40.8#
58 68.2 59.8 89.8

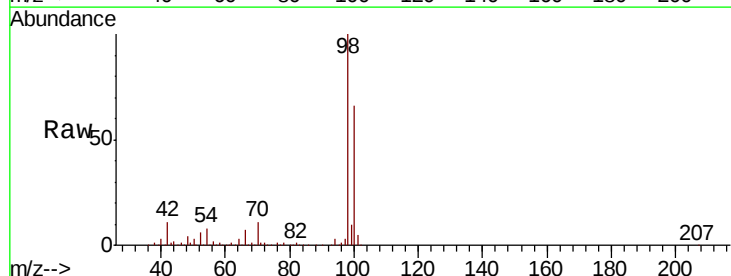


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

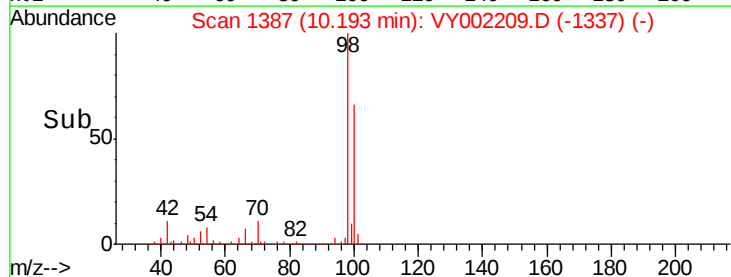
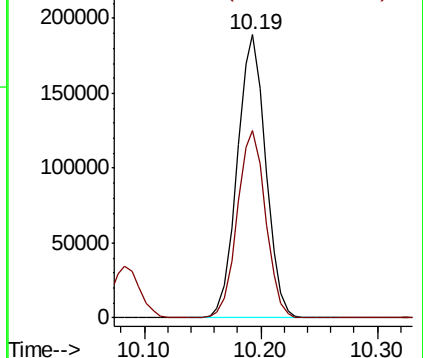


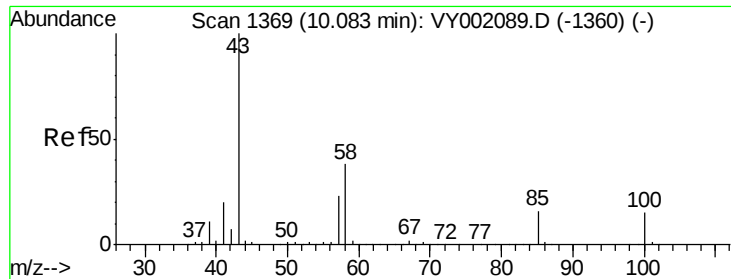
#50
Toluene-d8
Concen: 48.153 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Tgt Ion: 98 Resp: 321724
Ion Ratio Lower Upper
98 100
100 66.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

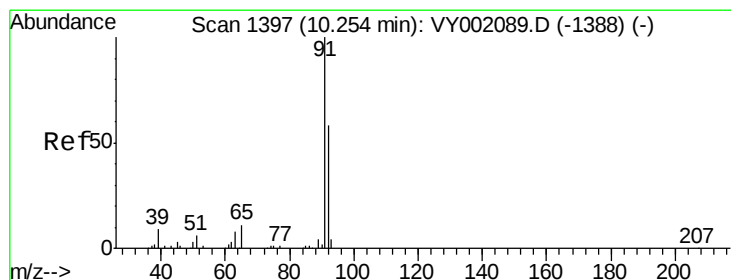
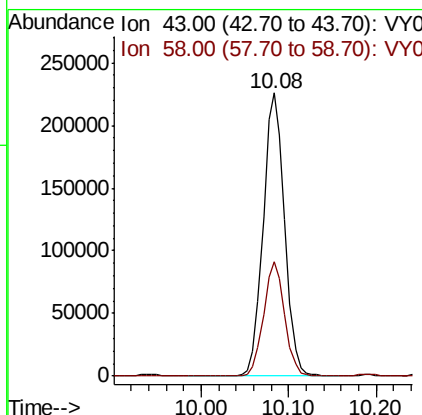
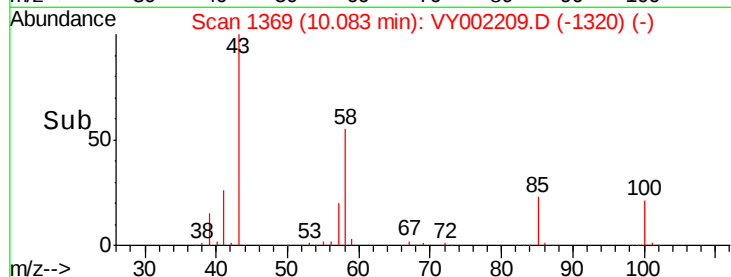
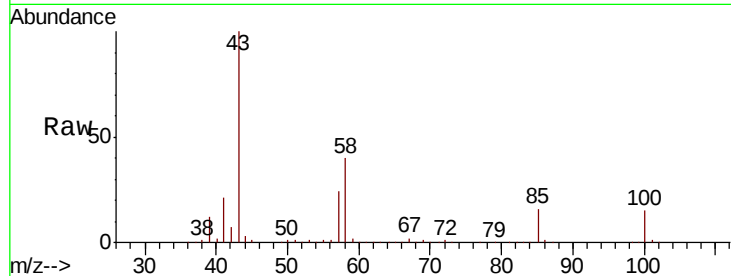




#51
4-Methyl-2-Pentanone
Concen: 245.374 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

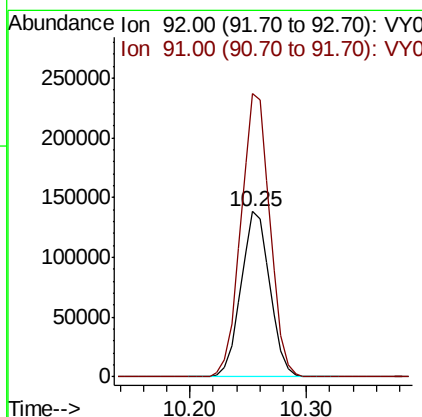
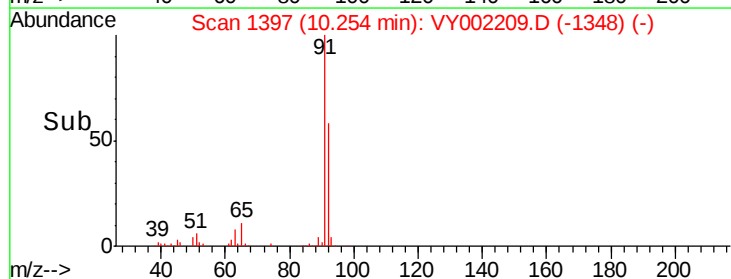
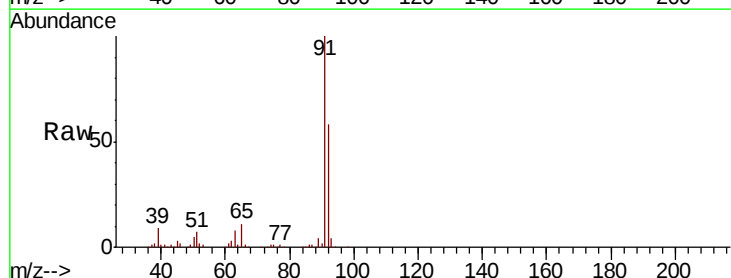
Instrument :
MSVOA_Y
ClientSampleId :
BFB18

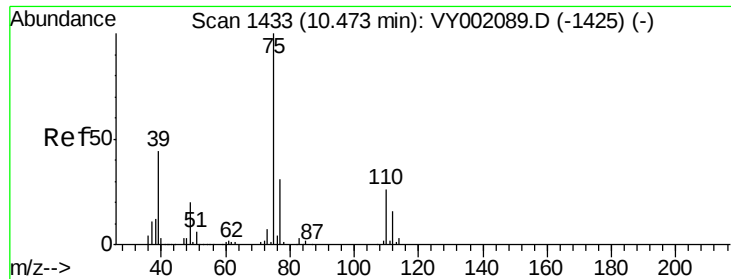
Tot Ion: 43 Resp: 384742
Ion Ratio Lower Upper
43 100
58 39.8 31.6 47.4



#52
Toluene
Concen: 49.141 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Tgt Ion: 92 Resp: 239022
Ion Ratio Lower Upper
92 100
91 171.2 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 49.251 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

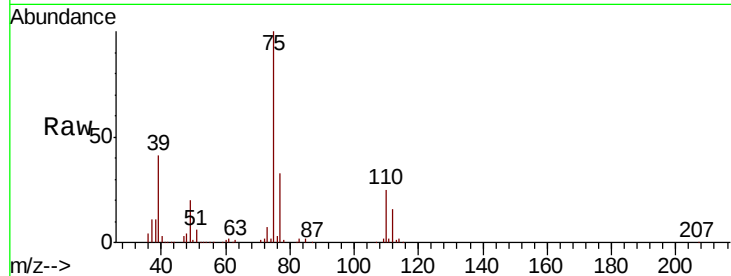
BFB18

Tot Ion: 75 Resp: 133823

Ion Ratio Lower Upper

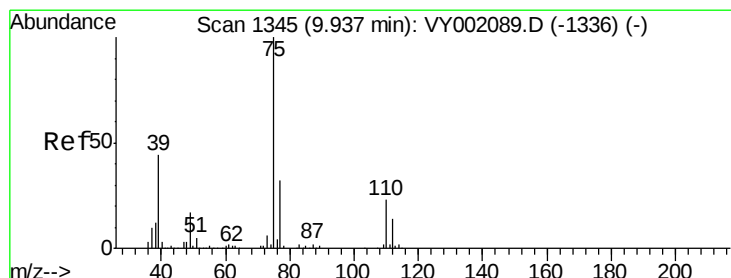
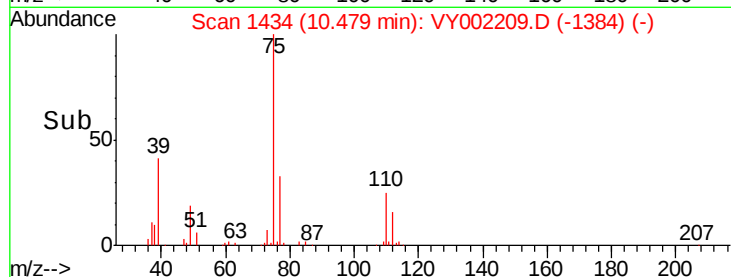
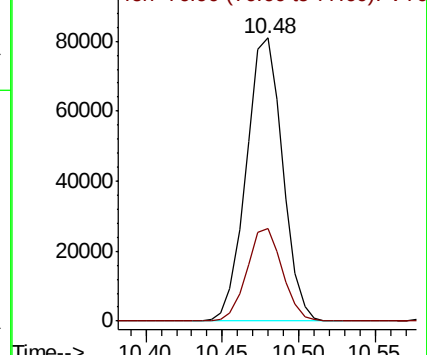
75 100

77 32.7 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 49.331 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

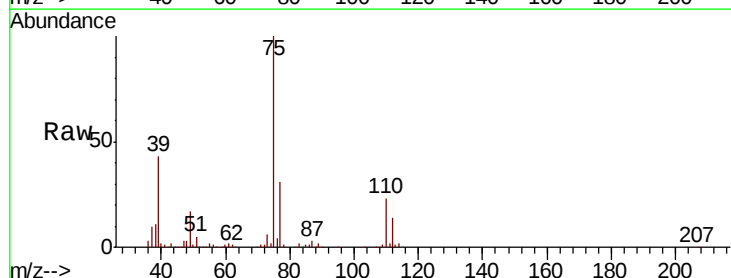
Tgt Ion: 75 Resp: 157814

Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4

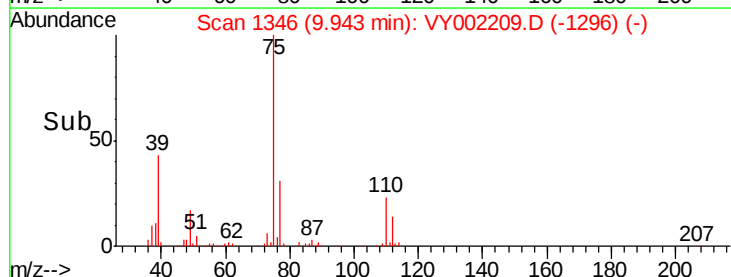
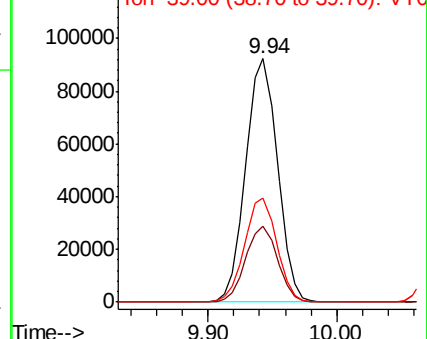
39 42.7 35.2 52.8

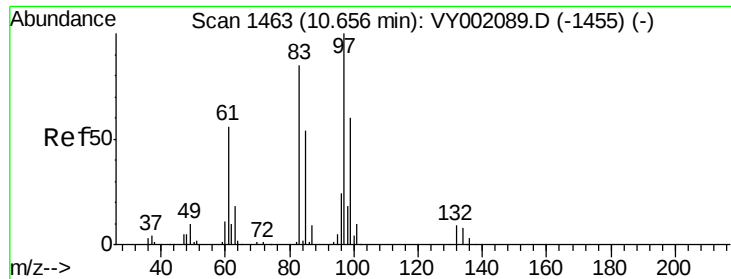


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 47.949 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

BFB18

Tot Ion: 97 Resp: 74627

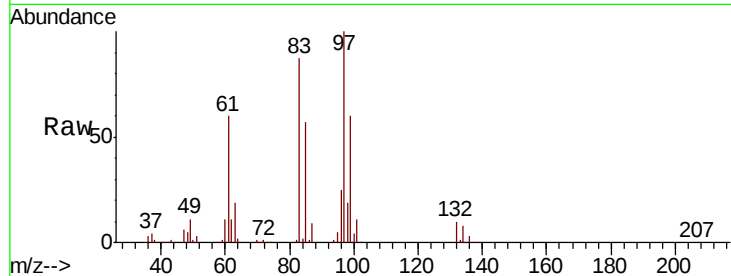
Ion Ratio Lower Upper

97 100

83 86.8 68.2 102.2

85 57.1 42.9 64.3

99 60.4 47.9 71.9

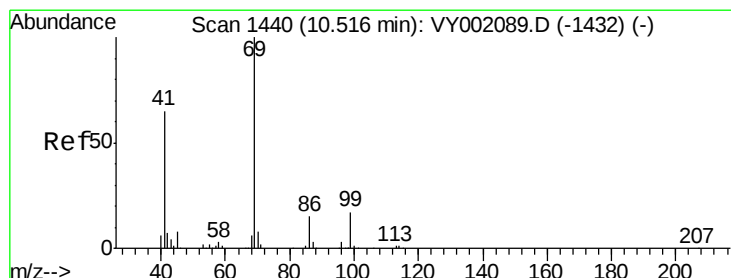
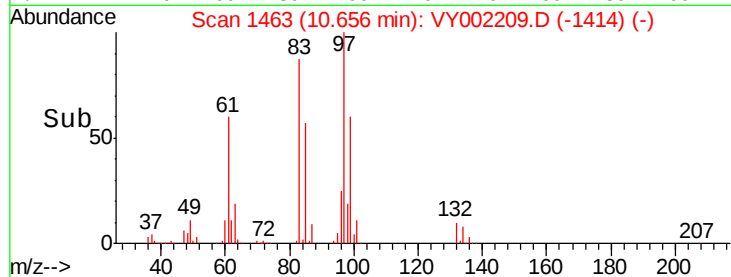
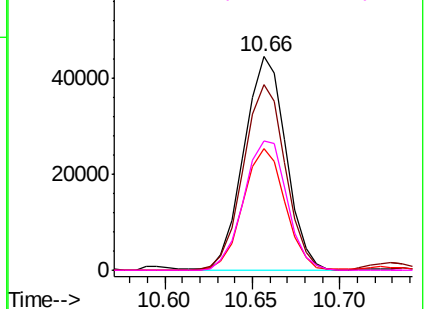


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 47.676 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

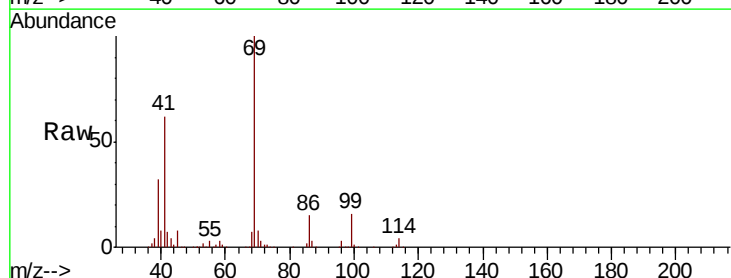
Tgt Ion: 69 Resp: 108380

Ion Ratio Lower Upper

69 100

41 64.7 52.8 79.2

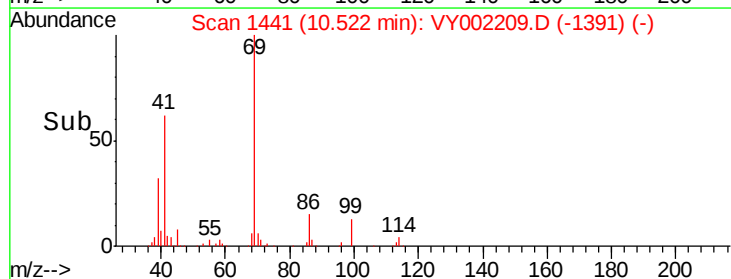
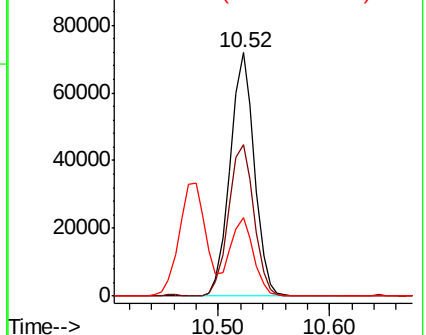
39 32.1 25.0 37.6

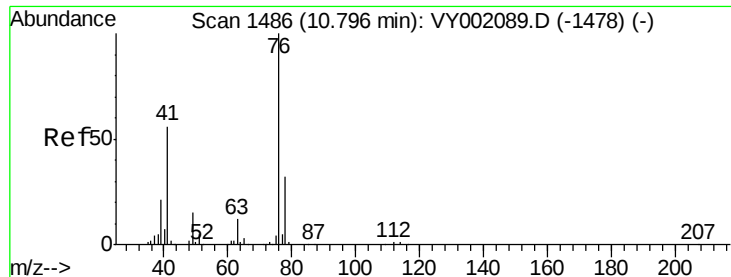


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 48.565 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampled :

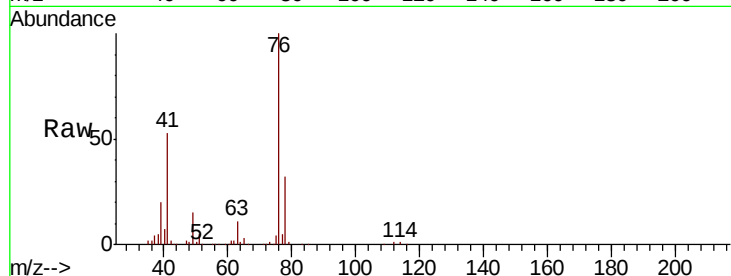
BFB18

Tot Ion: 76 Resp: 133546

Ion Ratio Lower Upper

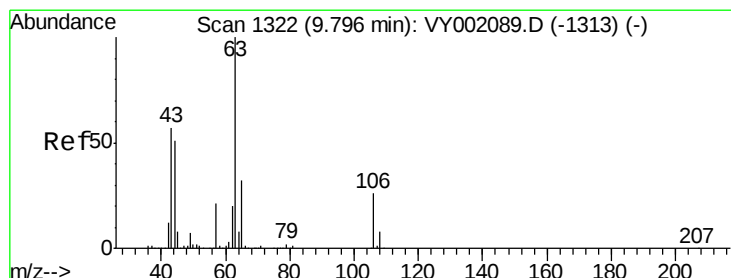
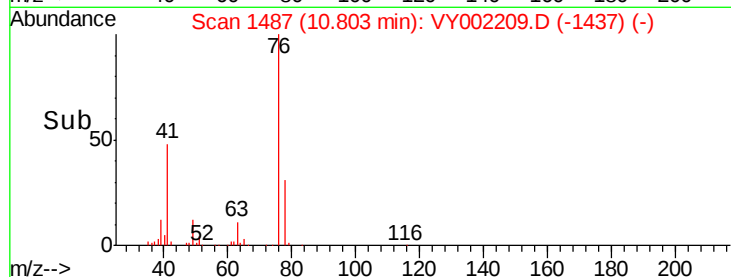
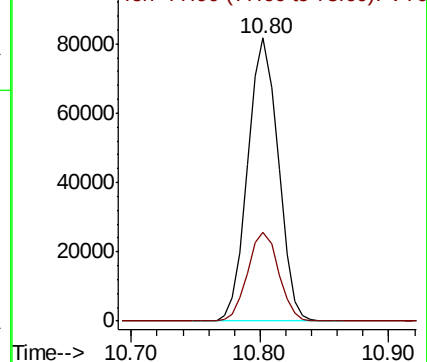
76 100

78 31.9 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 235.399 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY002209.D

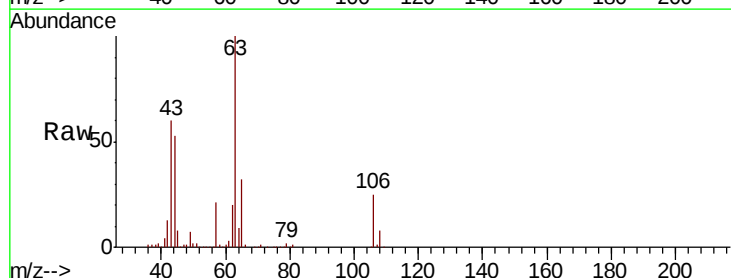
Acq: 03 Apr 2020 10:43

Tgt Ion: 63 Resp: 274966

Ion Ratio Lower Upper

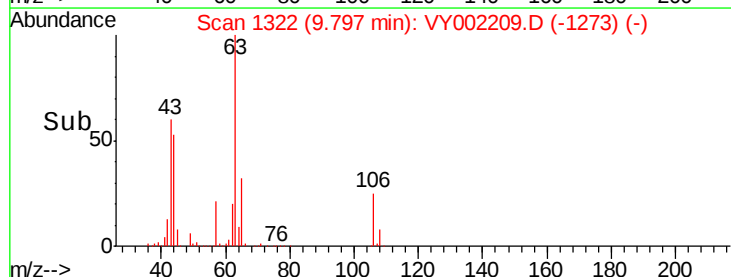
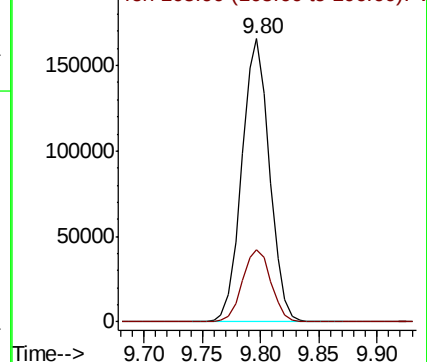
63 100

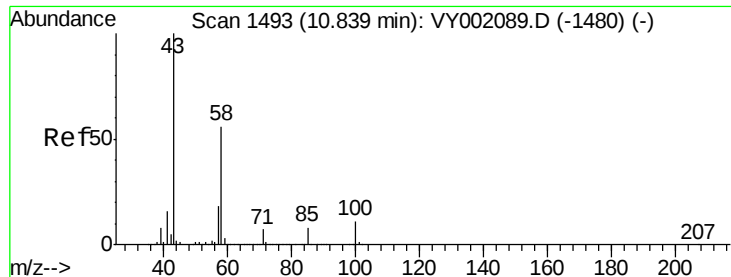
106 26.1 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

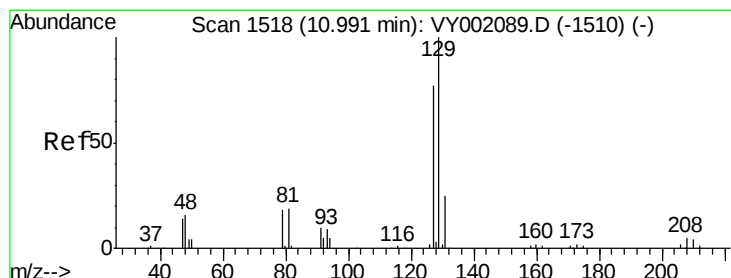
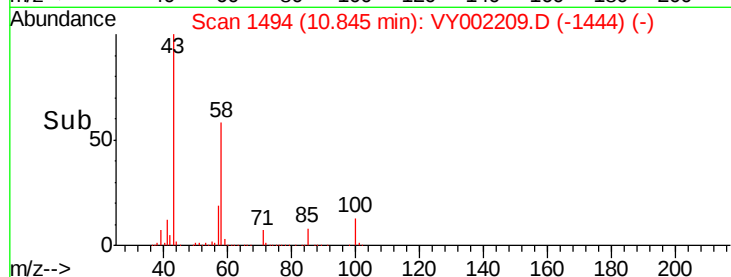
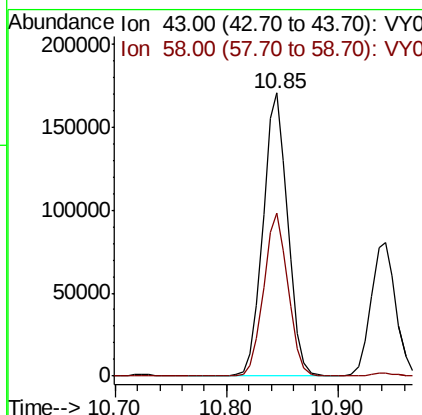
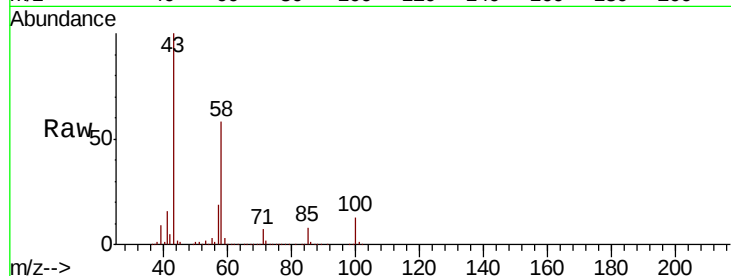




#59
2-Hexanone
Concen: 239.098 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

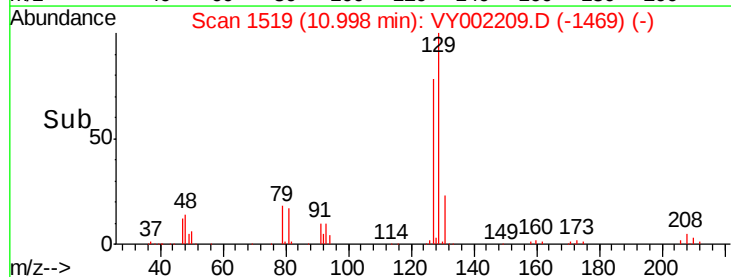
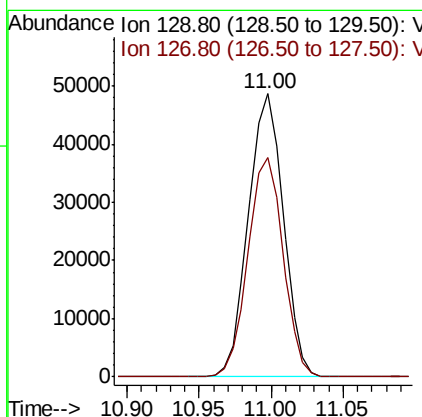
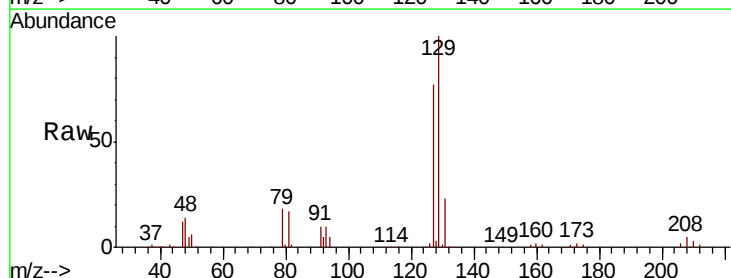
Instrument :
MSVOA_Y
ClientSampleId :
BFB18

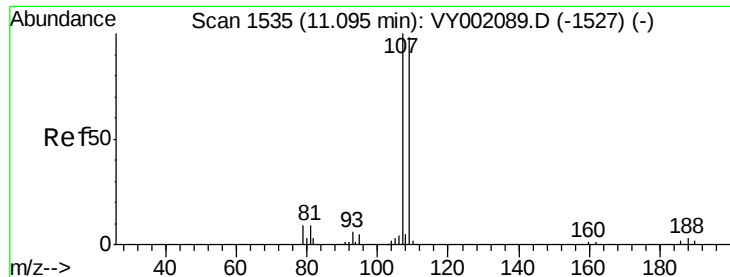
Tot Ion: 43 Resp: 264087
Ion Ratio Lower Upper
43 100
58 56.9 27.9 83.6



#60
Dibromochloromethane
Concen: 50.272 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Tgt Ion: 129 Resp: 81875
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1

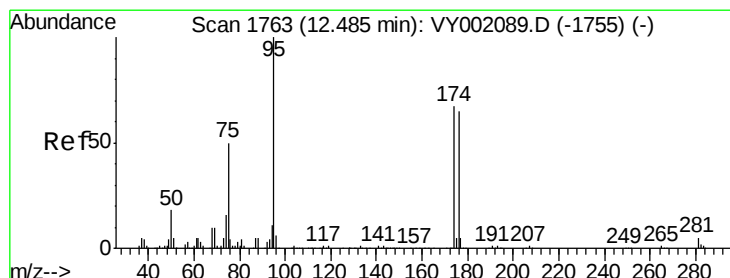
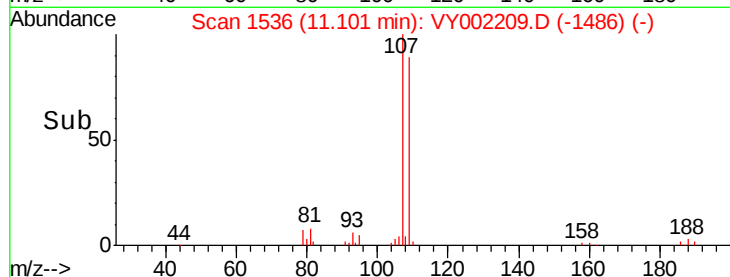
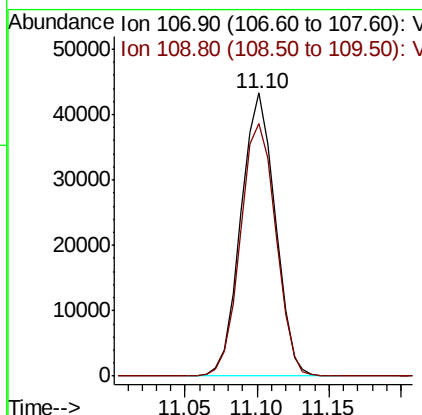
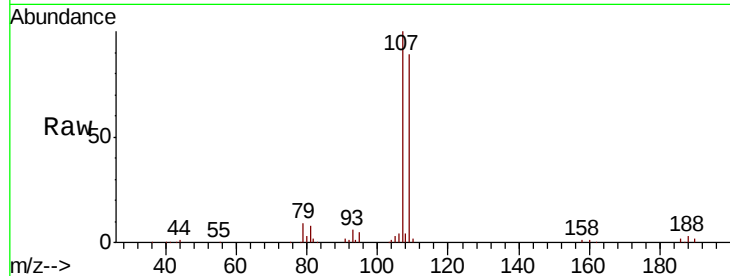




#61
 1,2-Dibromoethane
 Concen: 49.094 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY002209.D
 Acq: 03 Apr 2020 10:43

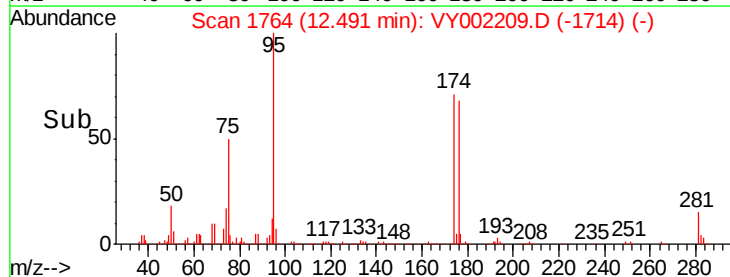
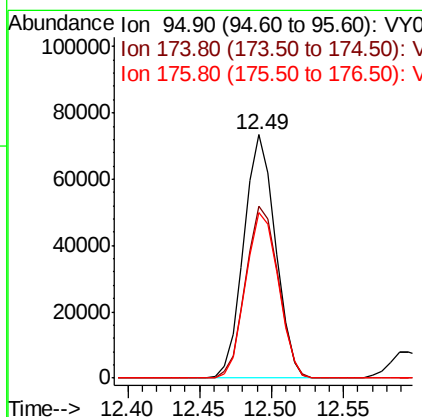
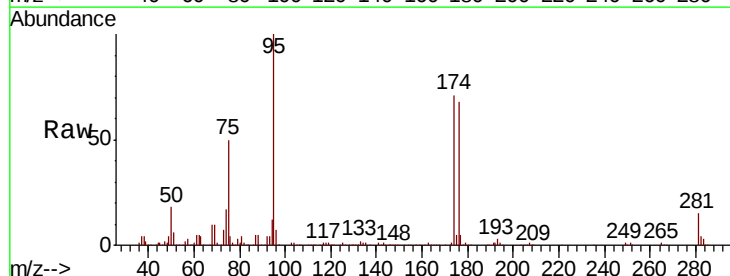
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB18

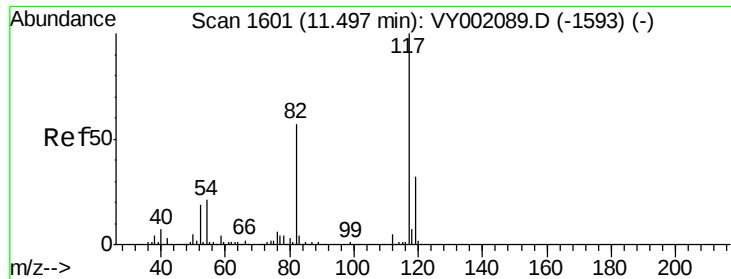
Tot Ion:107 Resp: 71519
 Ion Ratio Lower Upper
 107 100
 109 92.1 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 47.895 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002209.D
 Acq: 03 Apr 2020 10:43

Tgt Ion: 95 Resp: 111914
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 143.4
 176 70.4 0.0 137.0

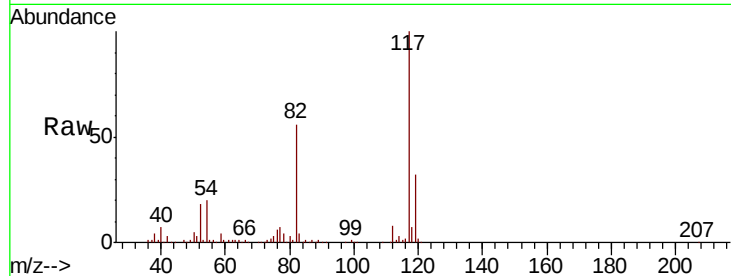




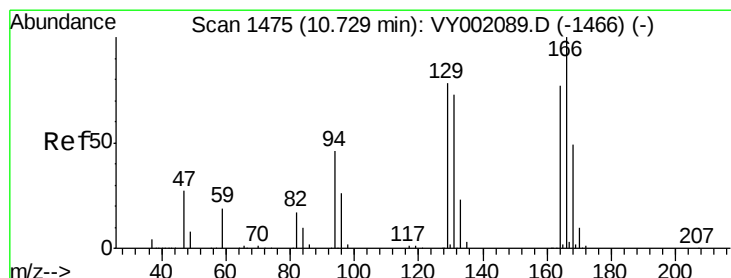
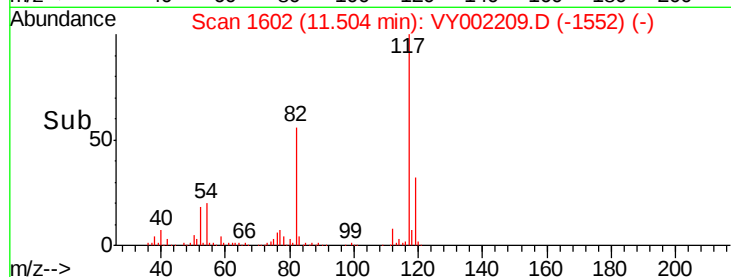
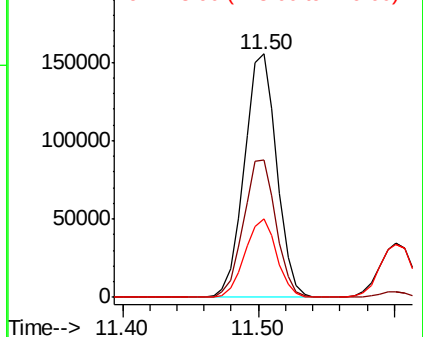
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
BFB18

Tot Ion:117 Resp: 257122
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.2
119 32.4 25.3 37.9

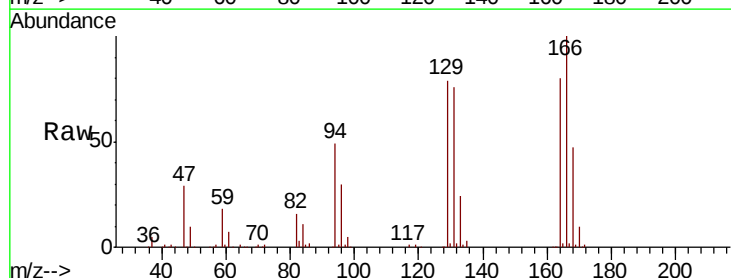


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

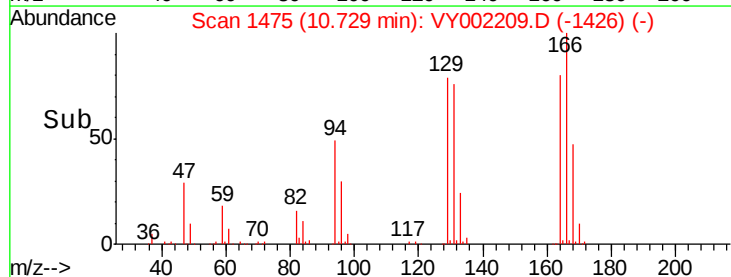
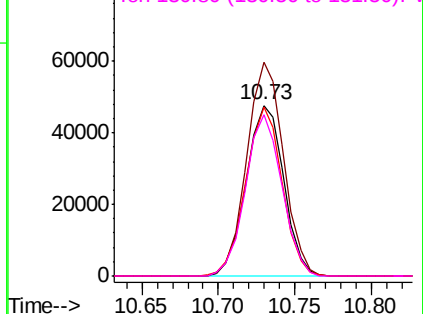


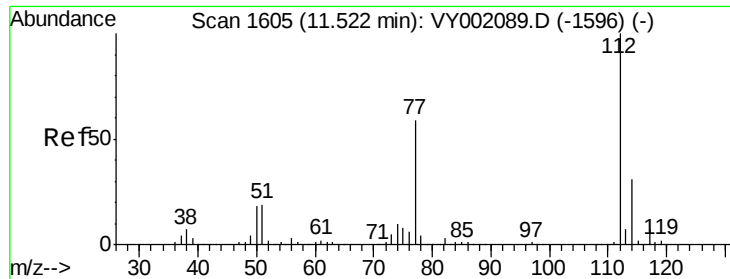
#64
Tetrachloroethene
Concen: 51.753 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Tgt Ion:164 Resp: 81415
Ion Ratio Lower Upper
164 100
166 125.4 104.0 156.0
129 98.9 81.2 121.8
131 94.9 75.8 113.6



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

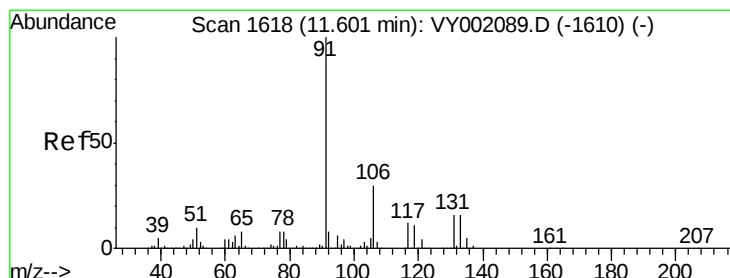
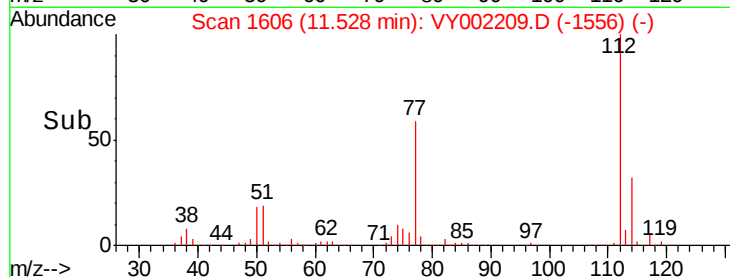
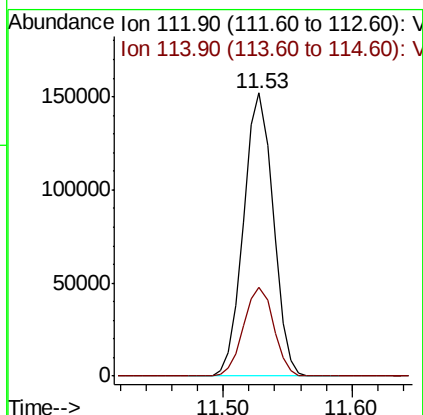
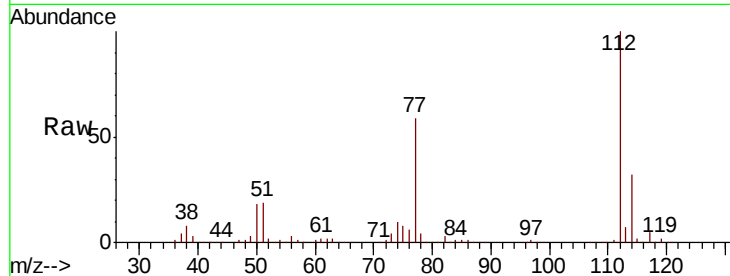




#65
Chlorobenzene
Concen: 48.682 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

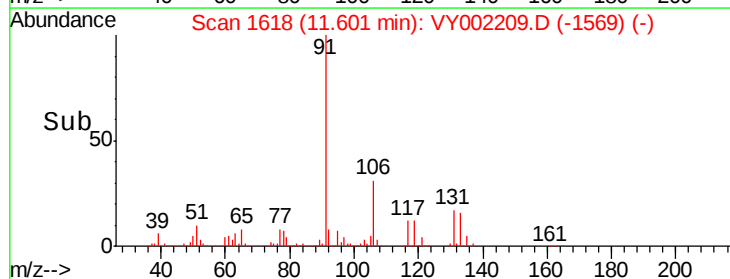
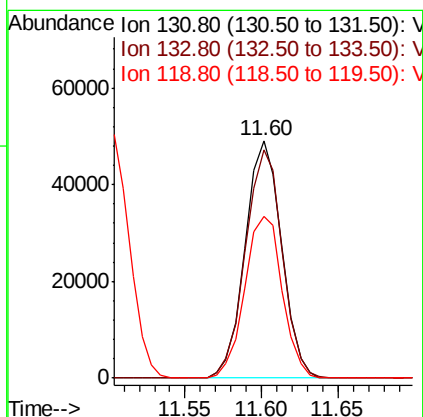
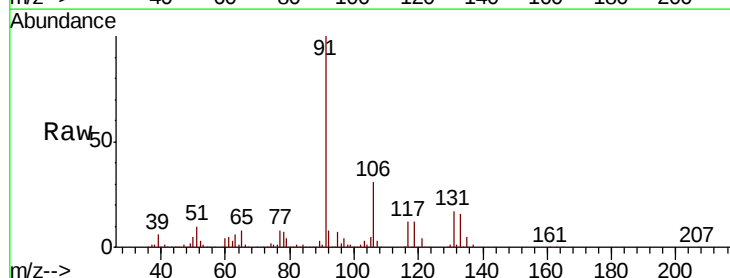
Instrument :
MSVOA_Y
ClientSampleId :
BFB18

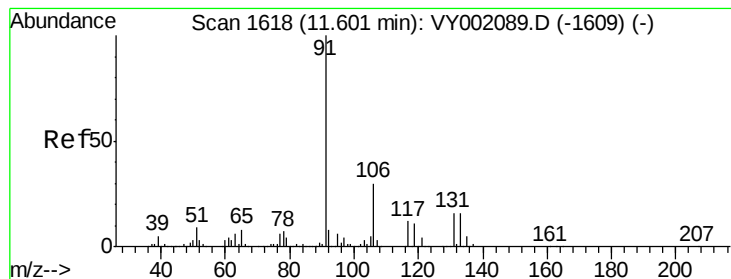
Tot Ion:112 Resp: 241621
Ion Ratio Lower Upper
112 100
114 31.5 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.992 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Tgt Ion:131 Resp: 81350
Ion Ratio Lower Upper
131 100
133 97.3 47.5 142.5
119 70.2 34.6 103.9





#67

Ethyl Benzene

Concen: 49.719 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

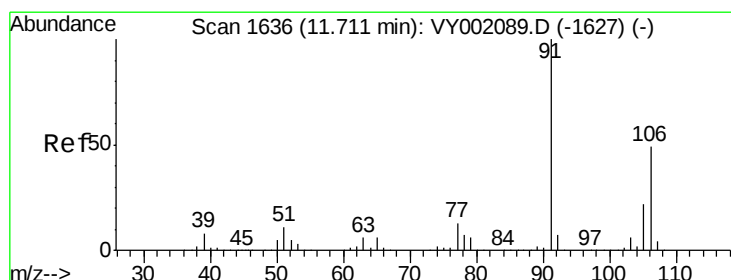
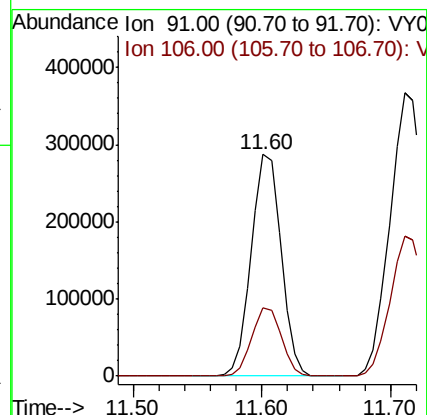
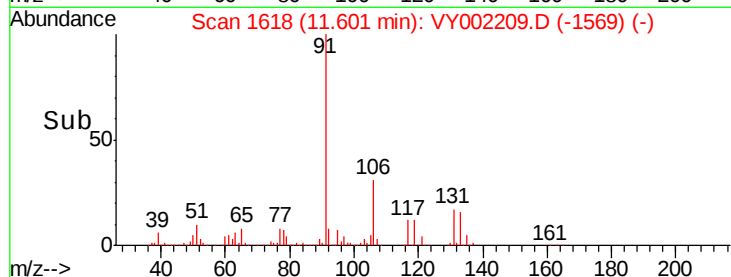
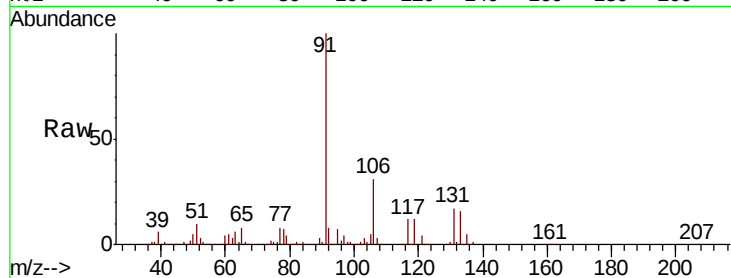
BFB18

Tot Ion: 91 Resp: 458314

Ion Ratio Lower Upper

91 100

106 30.6 24.1 36.1



#68

m/p-Xylenes

Concen: 99.382 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY002209.D

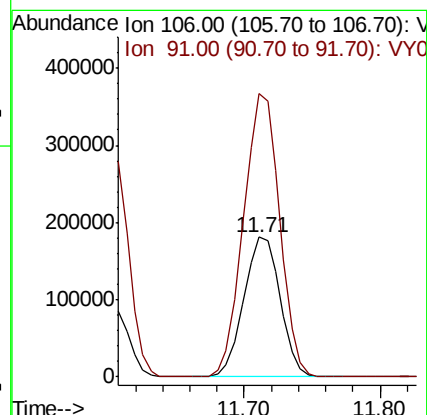
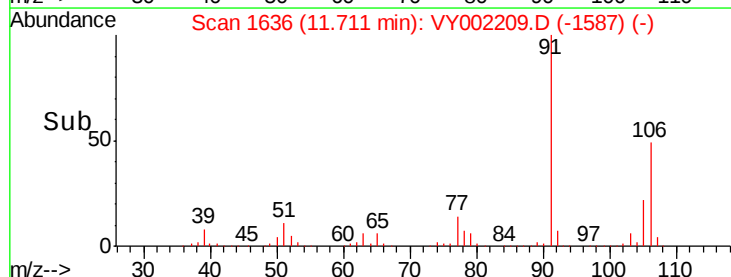
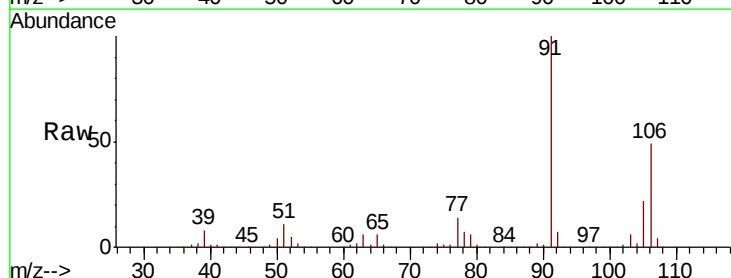
Acq: 03 Apr 2020 10:43

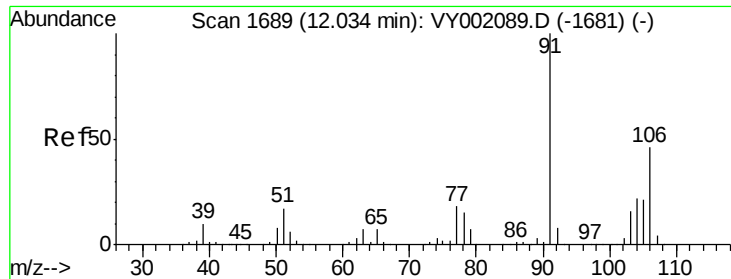
Tgt Ion: 106 Resp: 338722

Ion Ratio Lower Upper

106 100

91 201.4 162.8 244.2

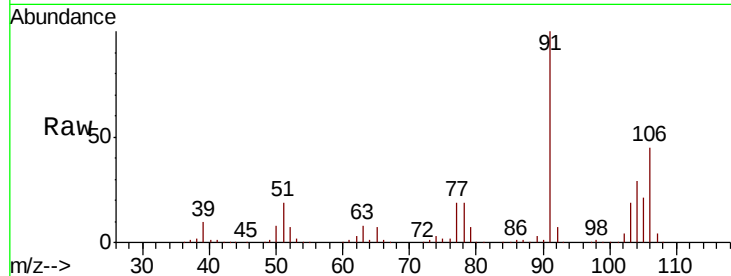




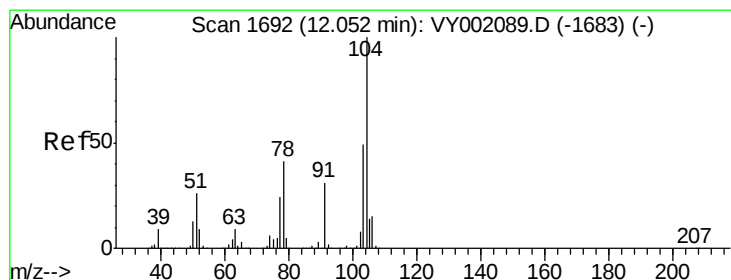
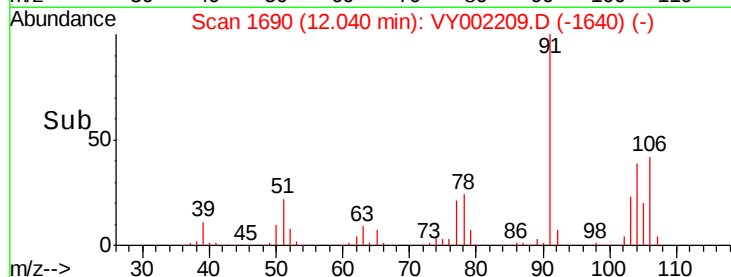
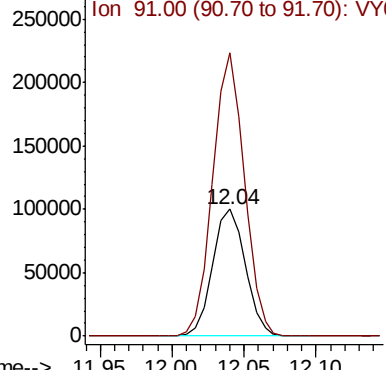
#69
o-Xylene
Concen: 48.777 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Instrument :
MSVOA_Y
ClientSampled :
BFB18

Tot Ion:106 Resp: 157702
Ion Ratio Lower Upper
106 100
91 215.4 107.3 321.8

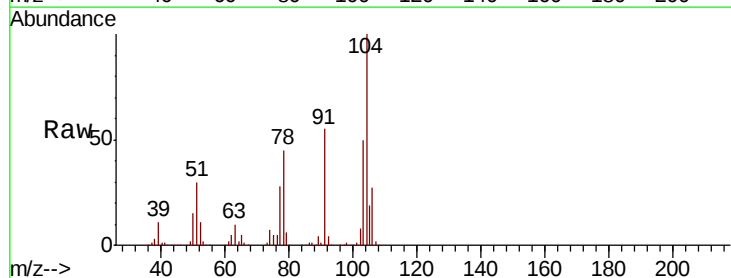


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

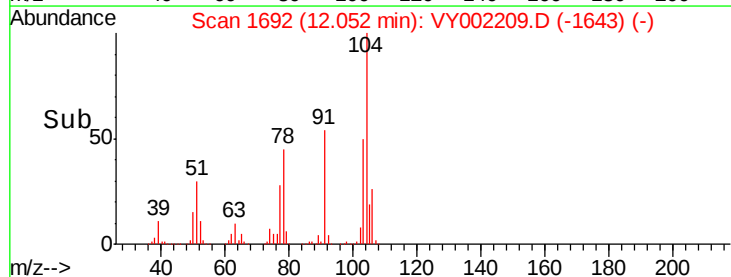
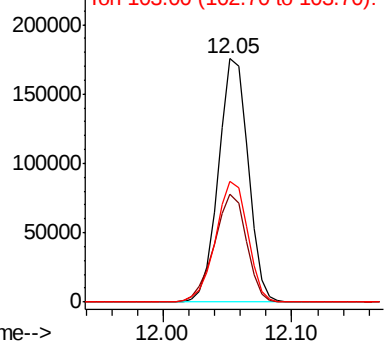


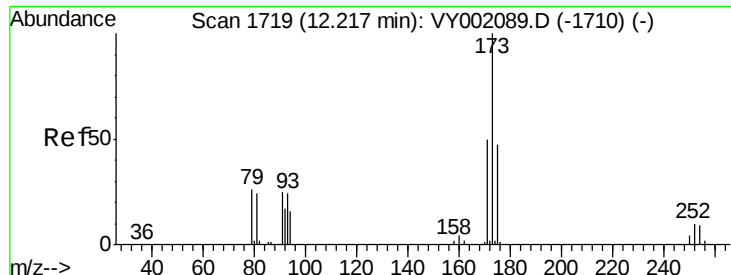
#70
Styrene
Concen: 49.664 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Tgt Ion:104 Resp: 278240
Ion Ratio Lower Upper
104 100
78 48.4 37.9 56.9
103 53.8 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.167 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

BFB18

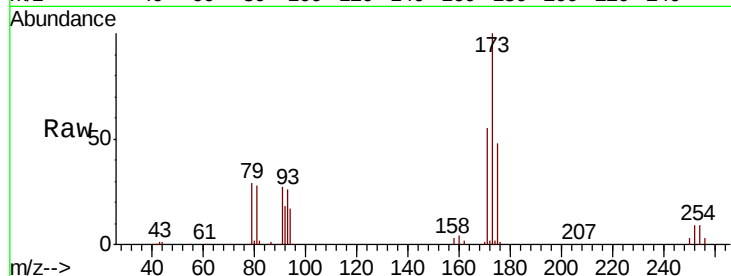
Tot Ion:173 Resp: 44715

Ion Ratio Lower Upper

173 100

175 49.3 23.9 71.8

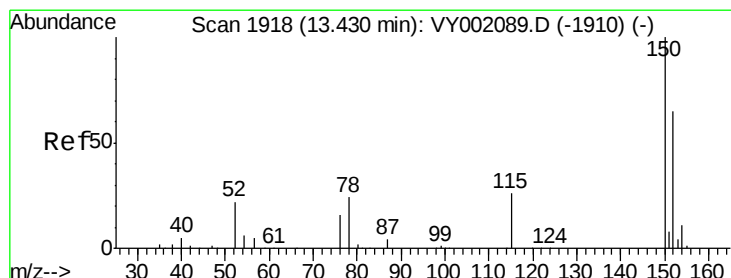
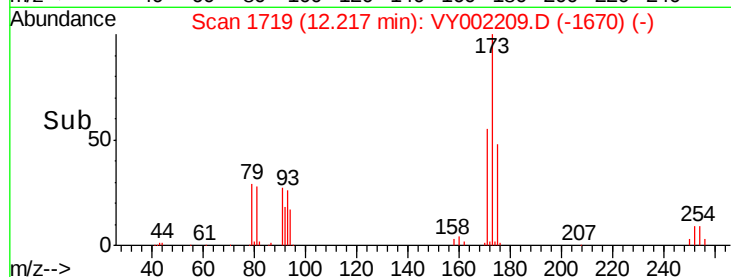
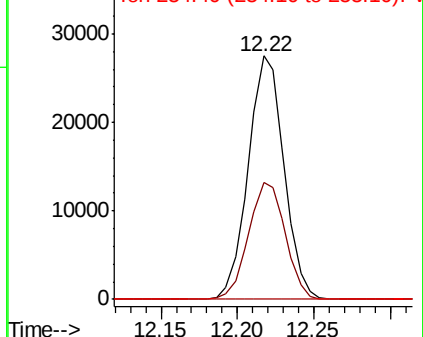
254 0.1 0.0 0.0#



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: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

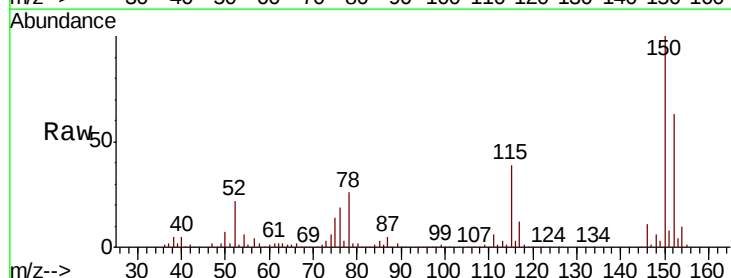
Tgt Ion:152 Resp: 115615

Ion Ratio Lower Upper

152 100

115 62.2 31.2 93.6

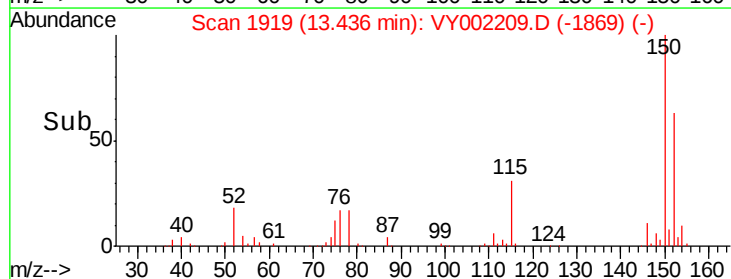
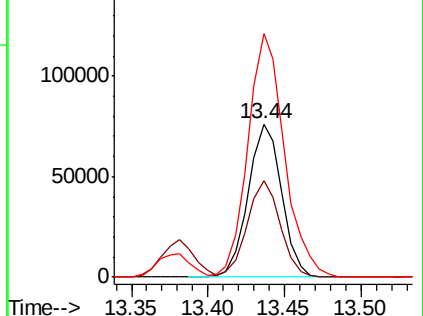
150 174.1 0.0 354.8

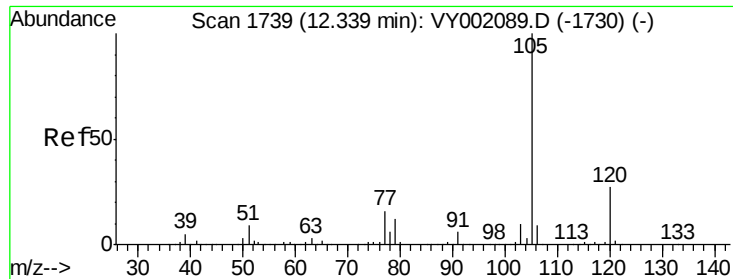


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.452 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

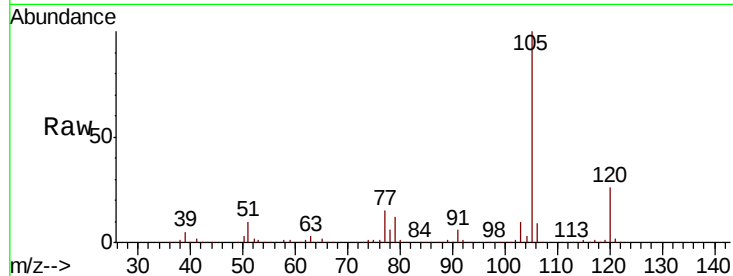
BFB18

Tot Ion:105 Resp: 432696

Ion Ratio Lower Upper

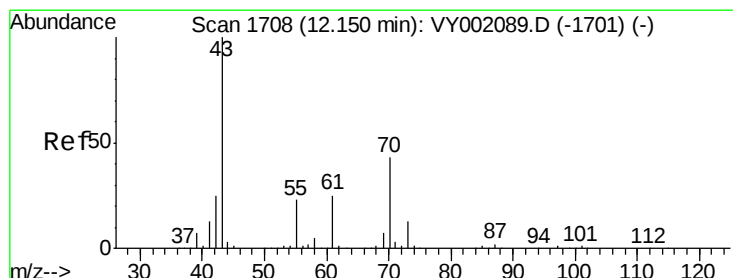
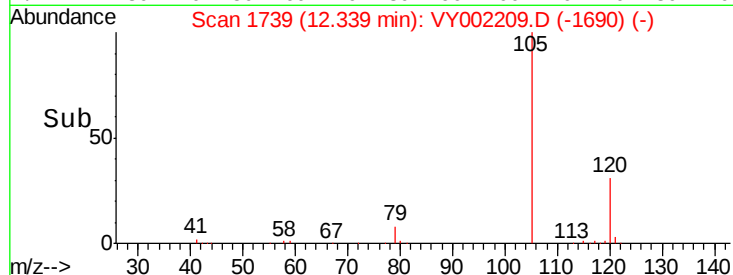
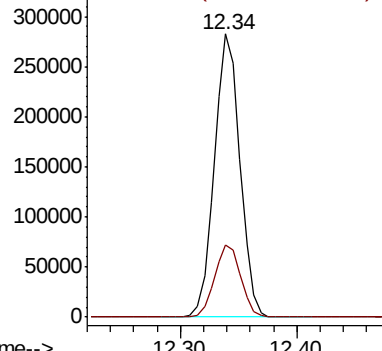
105 100

120 26.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.155 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Tgt Ion: 43 Resp: 130257

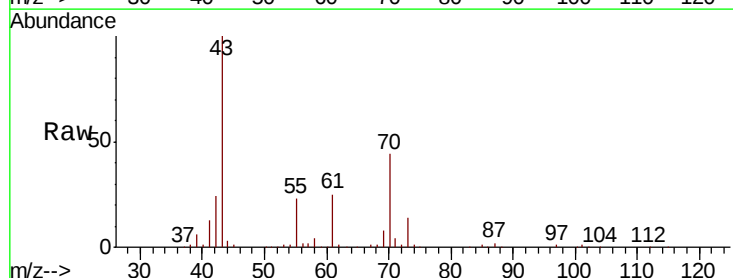
Ion Ratio Lower Upper

43 100

70 44.2 35.0 52.4

55 23.5 18.7 28.1

61 25.3 20.2 30.2

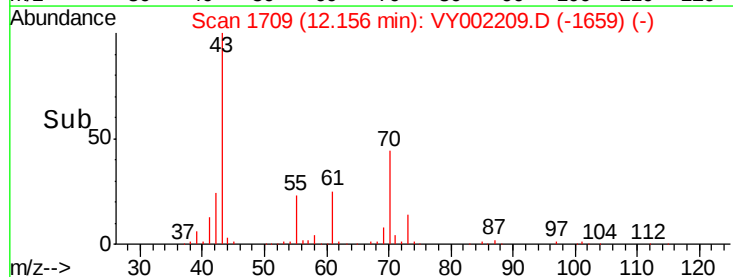
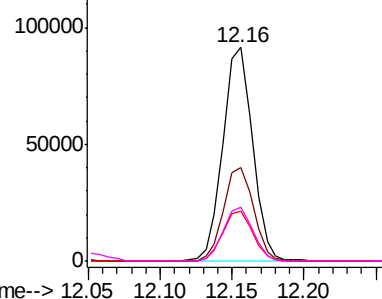


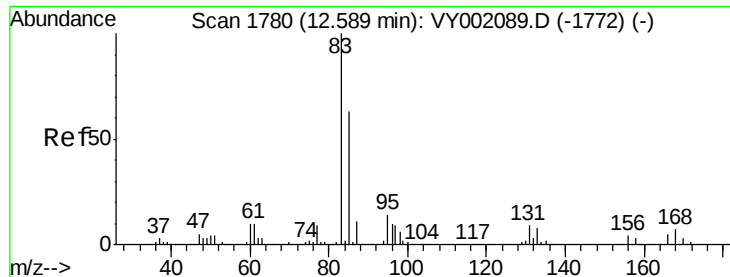
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.667 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

BFB18

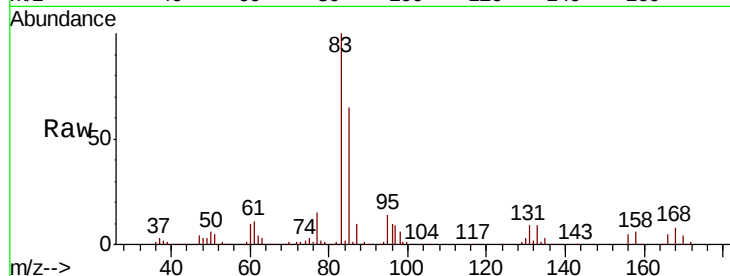
Tot Ion: 83 Resp: 91661

Ion Ratio Lower Upper

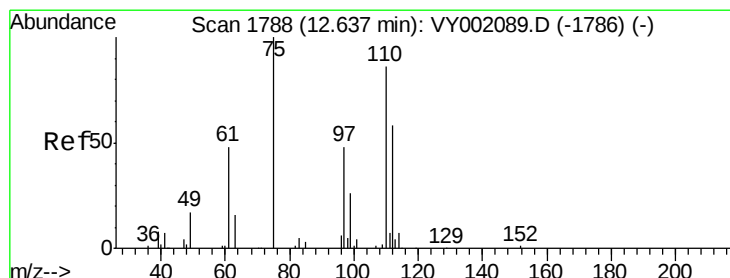
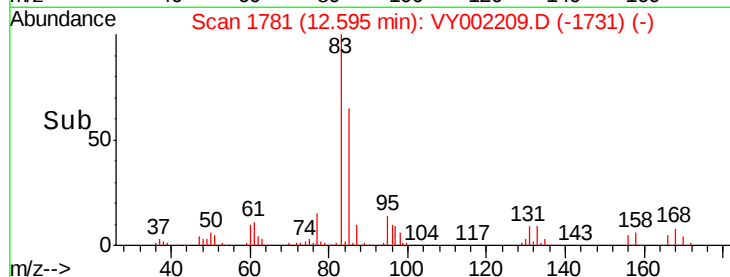
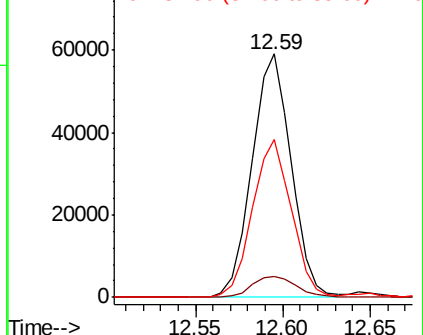
83 100

131 9.7 4.7 14.1

85 64.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 91.506 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002209.D

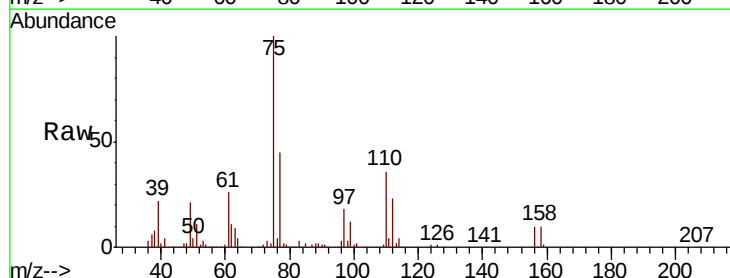
Acq: 03 Apr 2020 10:43

Tgt Ion: 75 Resp: 118341

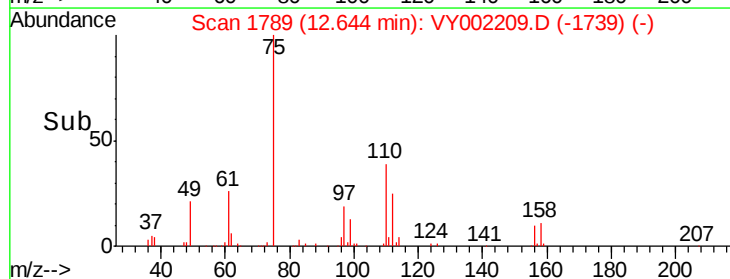
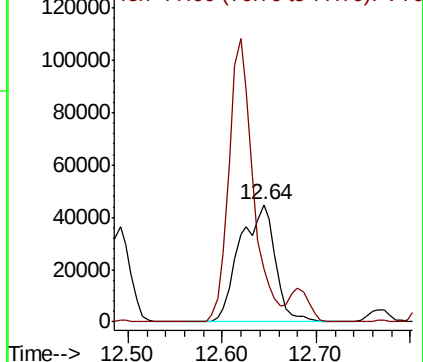
Ion Ratio Lower Upper

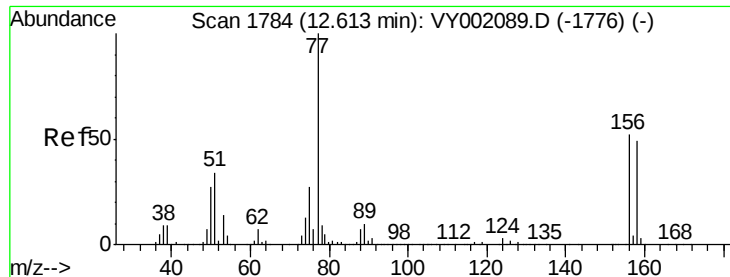
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 49.763 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

BFB18

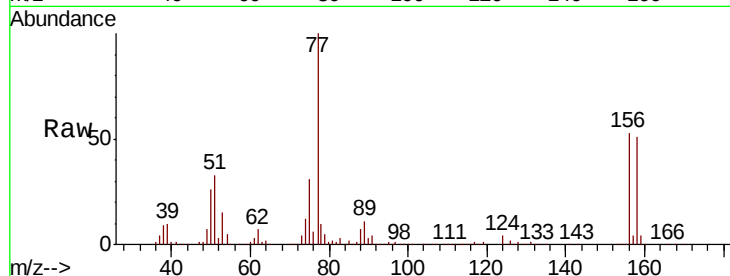
Tot Ion:156 Resp: 91107

Ion Ratio Lower Upper

156 100

77 212.6 107.8 323.6

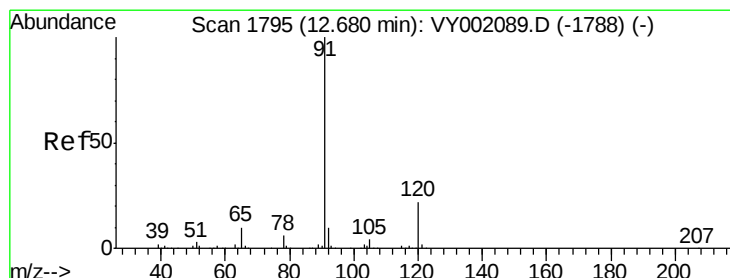
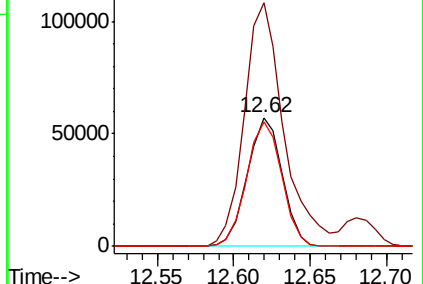
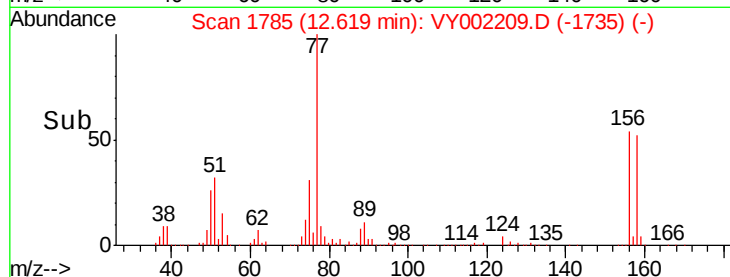
158 97.5 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.954 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002209.D

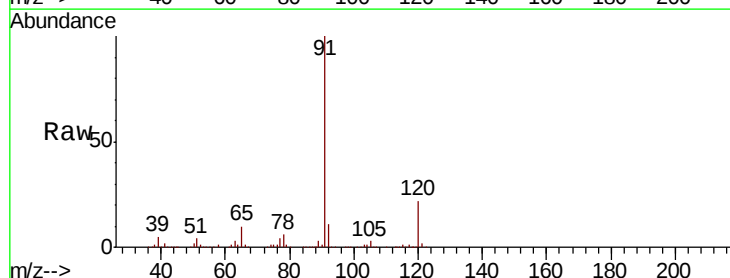
Acq: 03 Apr 2020 10:43

Tgt Ion: 91 Resp: 531667

Ion Ratio Lower Upper

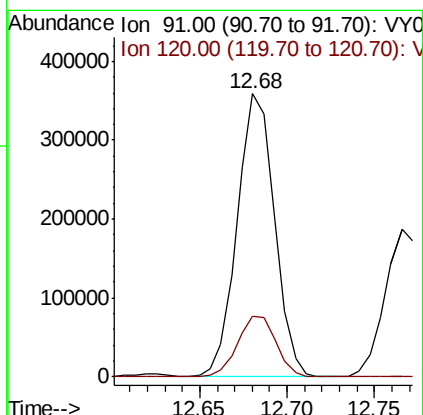
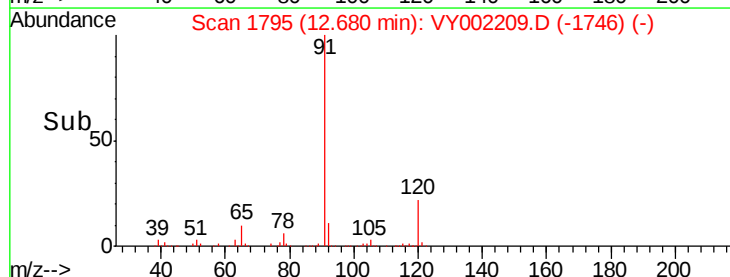
91 100

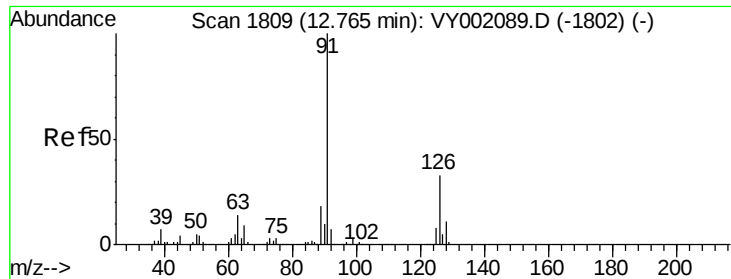
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

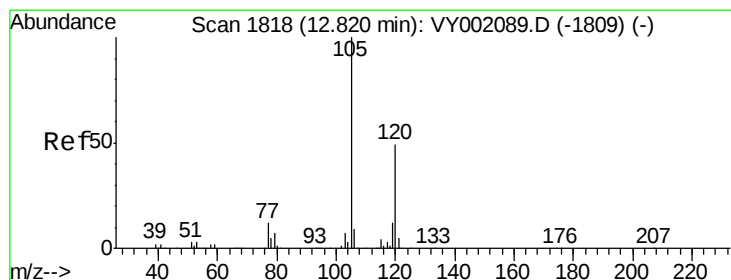
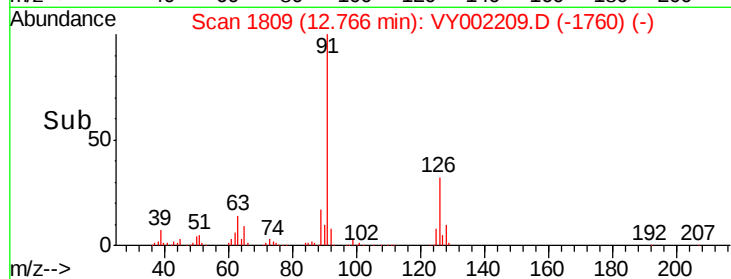
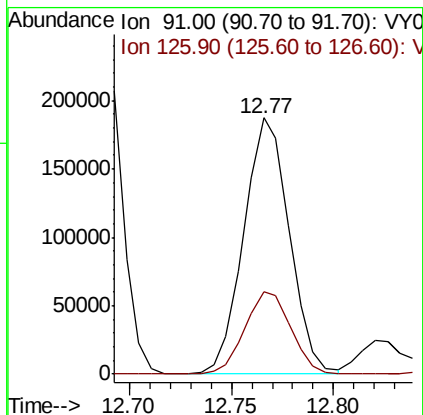
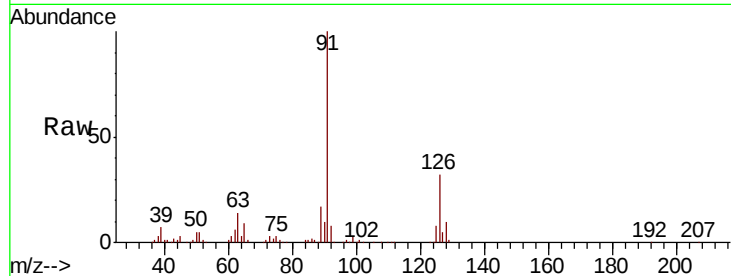




#79
 2-Chlorotoluene
 Concen: 49.784 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002209.D
 Acq: 03 Apr 2020 10:43

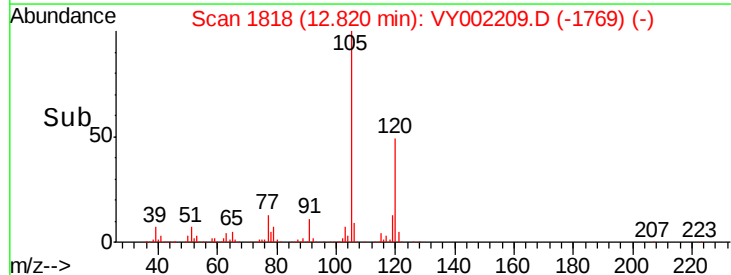
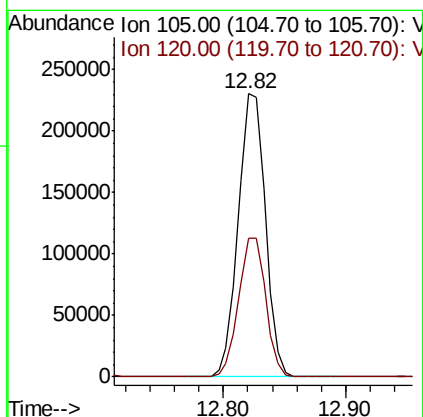
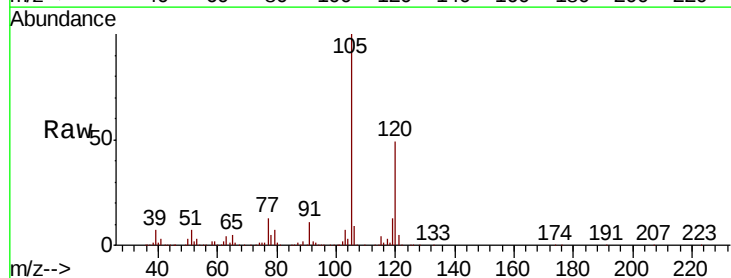
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB18

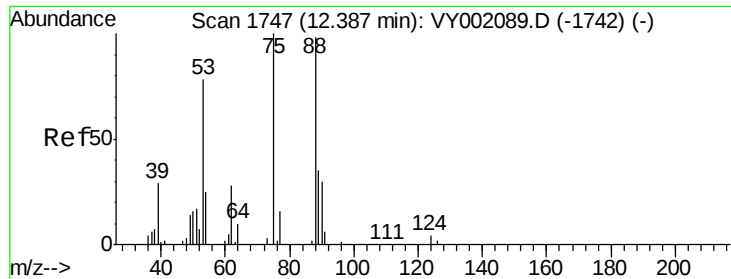
Tot Ion: 91 Resp: 290920
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 49.986 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002209.D
 Acq: 03 Apr 2020 10:43

Tgt Ion: 105 Resp: 353694
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.246 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

BFB18

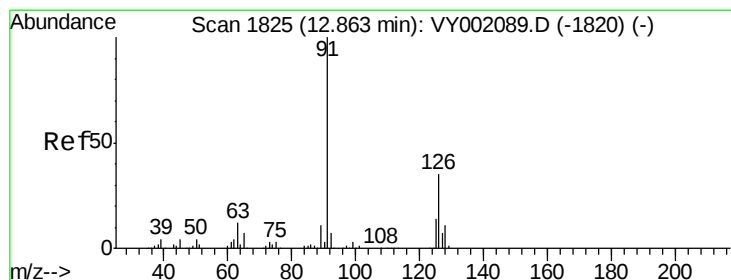
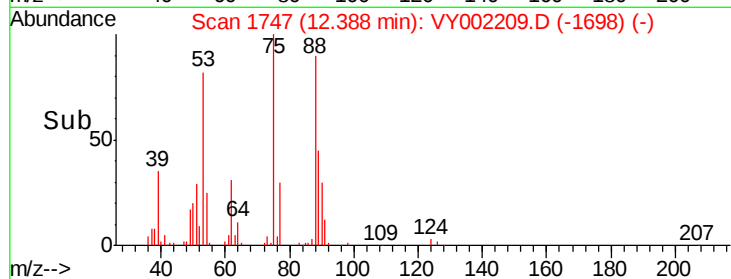
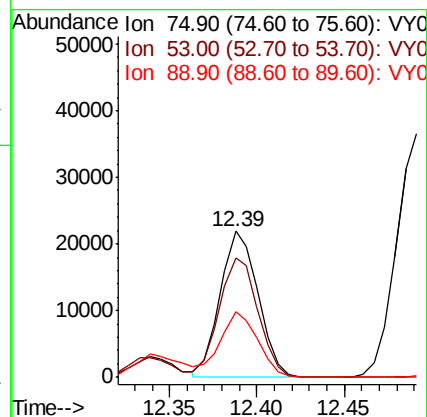
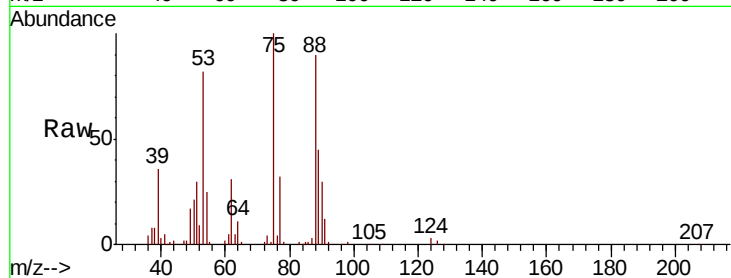
Tot Ion: 75 Resp: 32874

Ion Ratio Lower Upper

75 100

53 85.4 65.0 97.4

89 45.0 33.4 50.0



#82

4-Chlorotoluene

Concen: 49.233 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002209.D

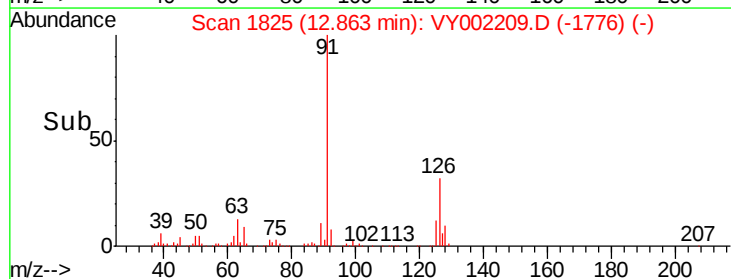
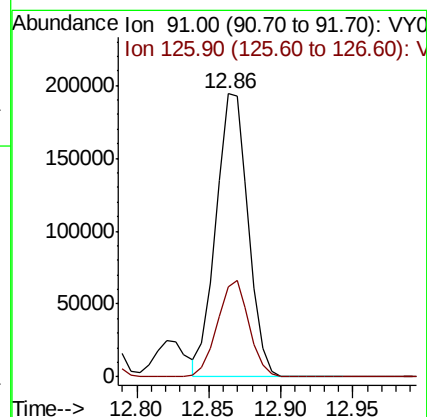
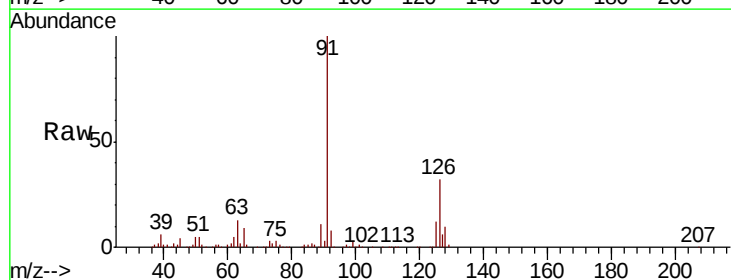
Acq: 03 Apr 2020 10:43

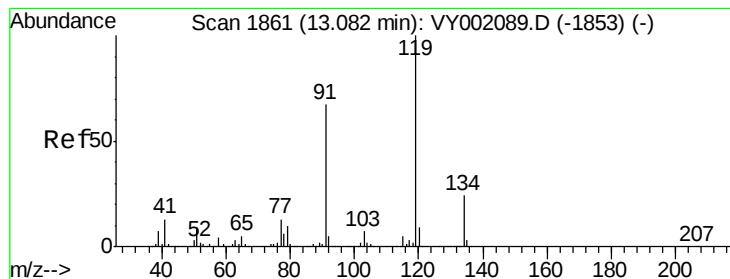
Tgt Ion: 91 Resp: 303171

Ion Ratio Lower Upper

91 100

126 33.6 16.3 48.9





#83

tert-Butylbenzene

Concen: 50.917 ug/l

RT: 13.09 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

BFB18

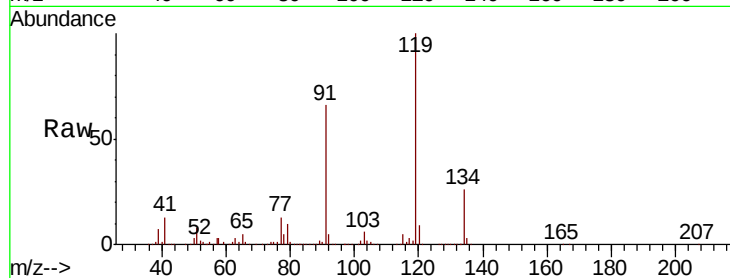
Tot Ion:119 Resp: 300730

Ion Ratio Lower Upper

119 100

91 65.7 32.9 98.6

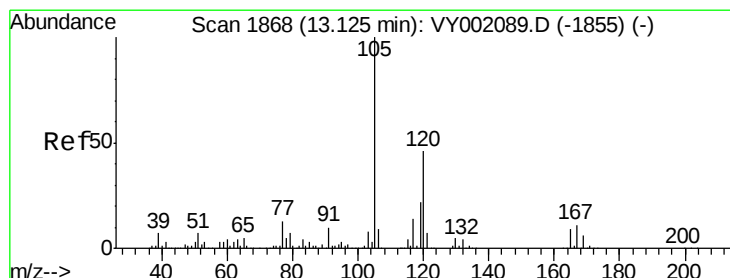
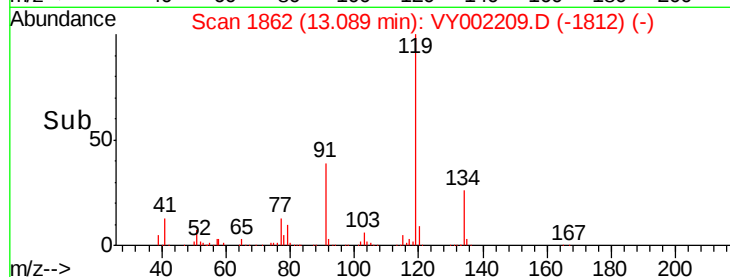
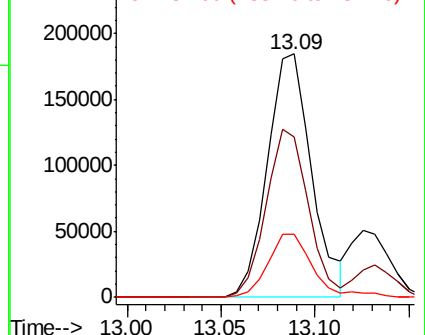
134 26.6 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.193 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY002209.D

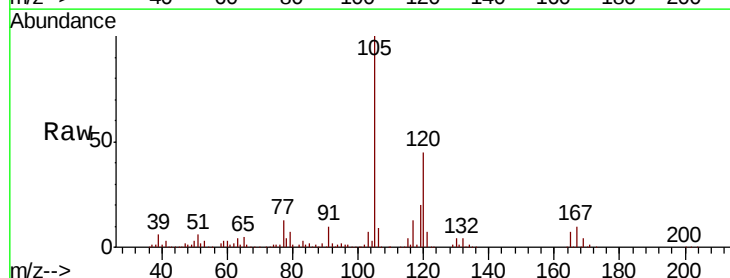
Acq: 03 Apr 2020 10:43

Tgt Ion:105 Resp: 354353

Ion Ratio Lower Upper

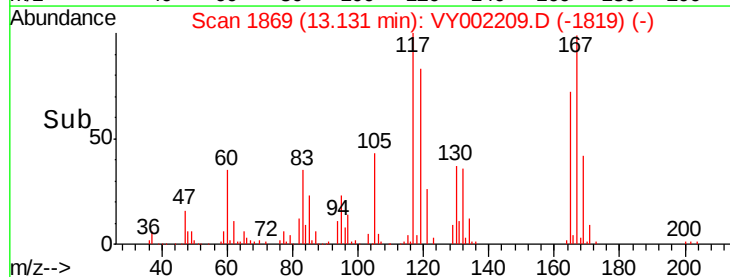
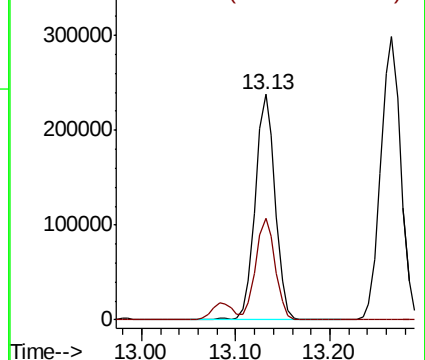
105 100

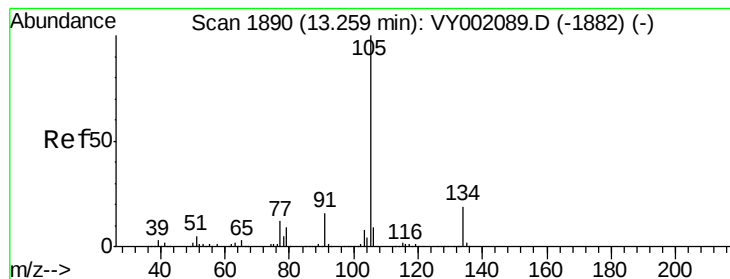
120 44.9 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.362 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampled :

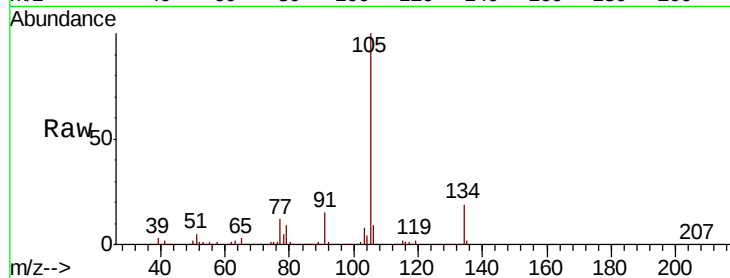
BFB18

Tot Ion:105 Resp: 440572

Ion Ratio Lower Upper

105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

300000

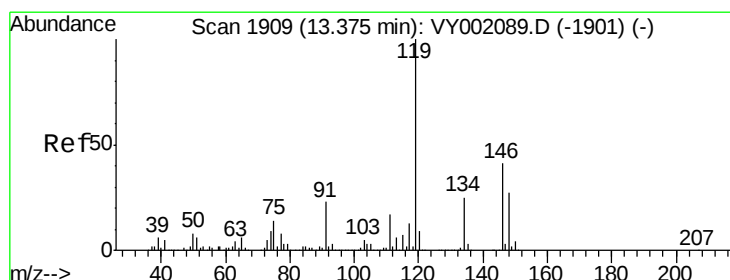
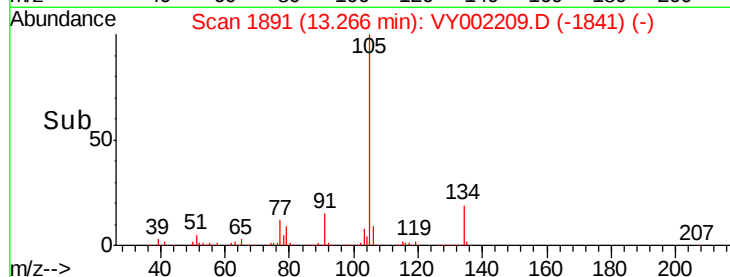
200000

100000

0

Time-->

13.20 13.25 13.30 13.35



#86

p-Isopropyltoluene

Concen: 50.398 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

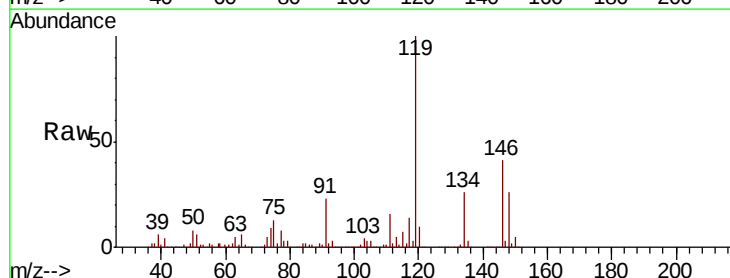
Tgt Ion:119 Resp: 378618

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.3 11.8 35.3



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): VY0

13.38

300000

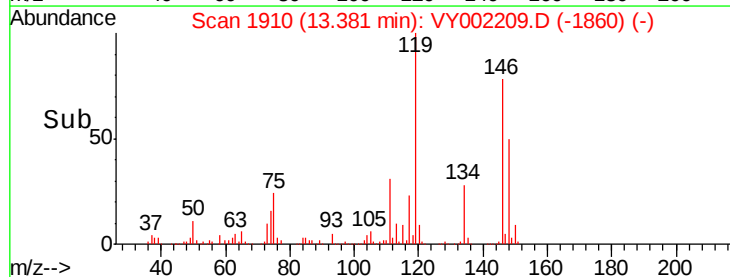
200000

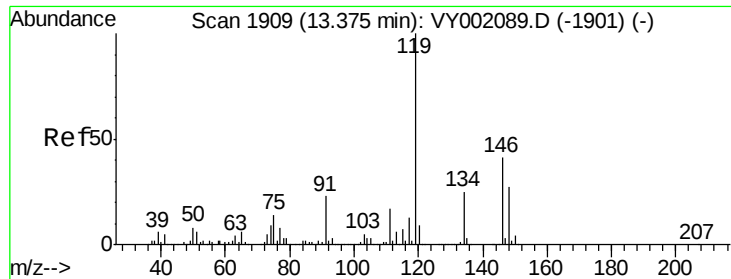
100000

0

Time-->

13.30 13.35 13.40 13.45





#87

1,3-Dichlorobenzene

Concen: 49.128 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

BFB18

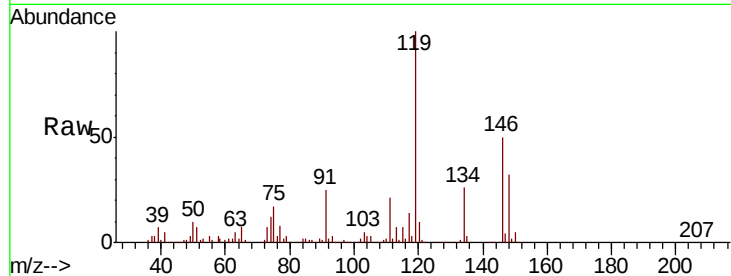
Tot Ion:146 Resp: 175955

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.8

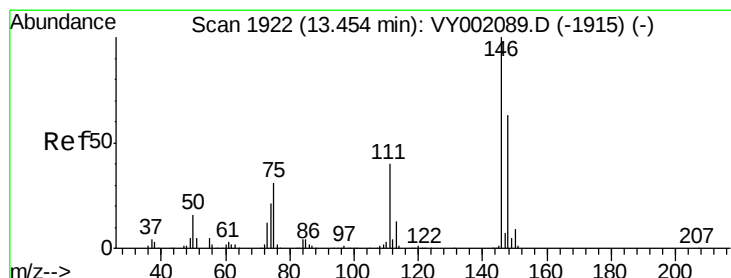
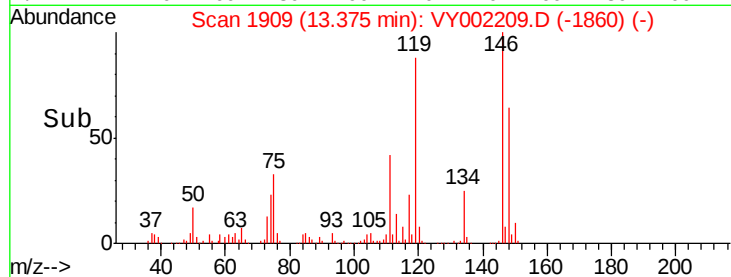
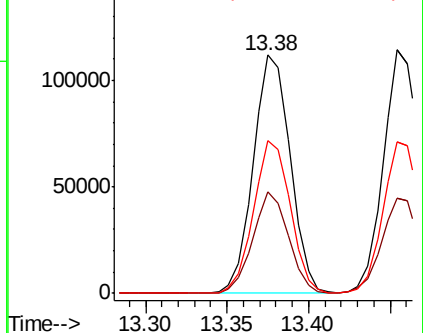
148 63.6 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.359 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

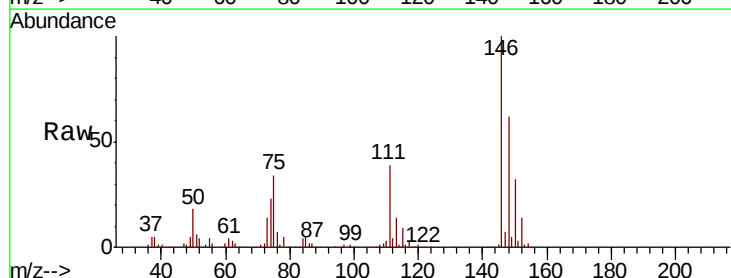
Tgt Ion:146 Resp: 177897

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.9

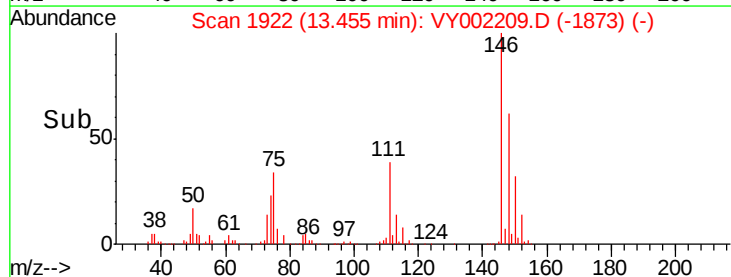
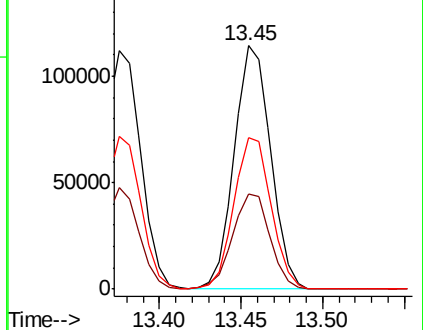
148 63.6 31.5 94.5

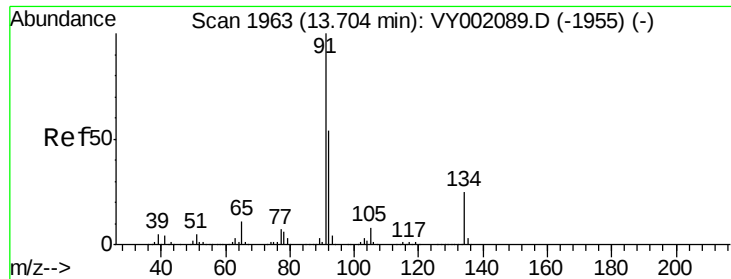


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

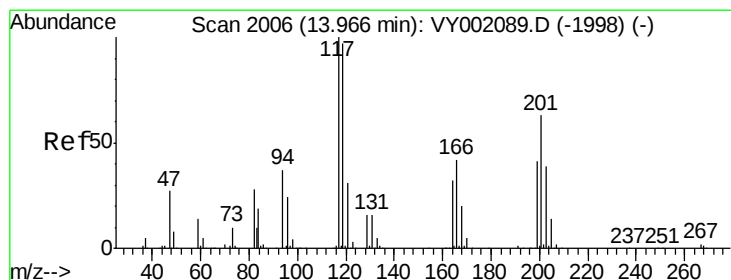
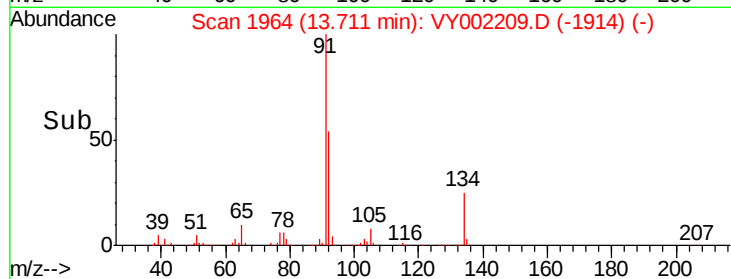
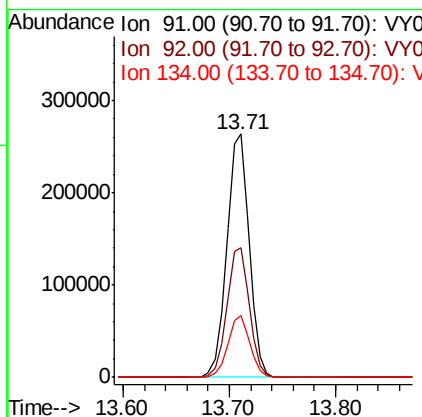
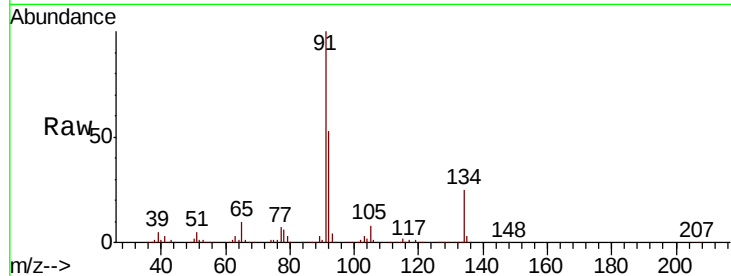




#89
n-Butylbenzene
Concen: 49.491 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

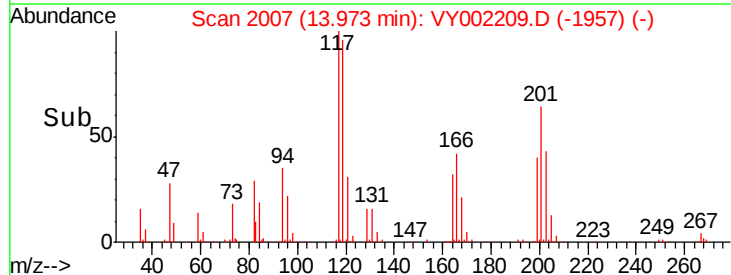
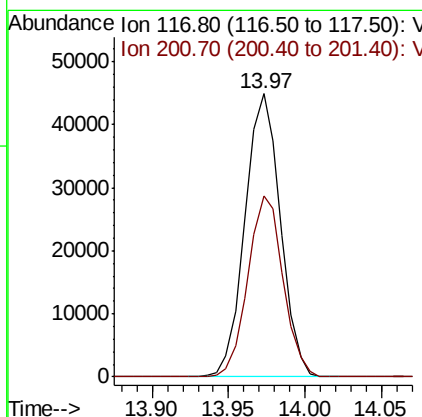
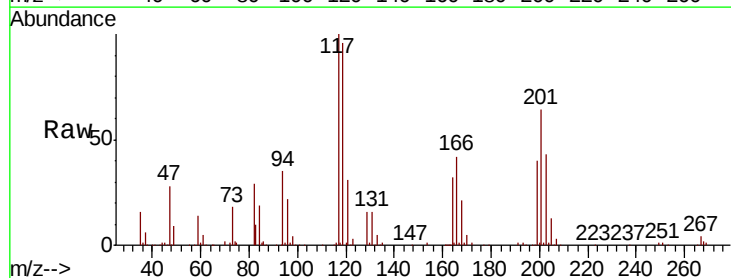
Instrument :
MSVOA_Y
ClientSampleId :
BFB18

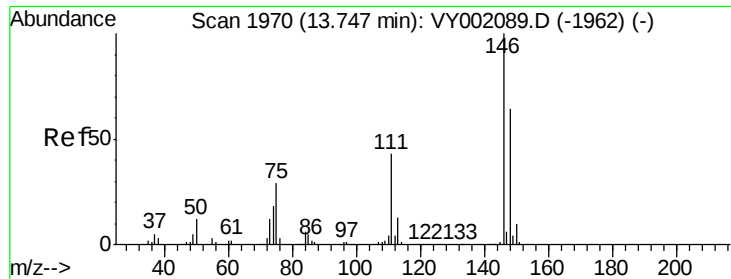
Tot Ion: 91 Resp: 387389
Ion Ratio Lower Upper
91 100
92 53.4 27.0 81.0
134 24.8 12.3 36.8



#90
Hexachloroethane
Concen: 50.991 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002209.D
Acq: 03 Apr 2020 10:43

Tgt Ion: 117 Resp: 72182
Ion Ratio Lower Upper
117 100
201 63.6 31.6 94.8

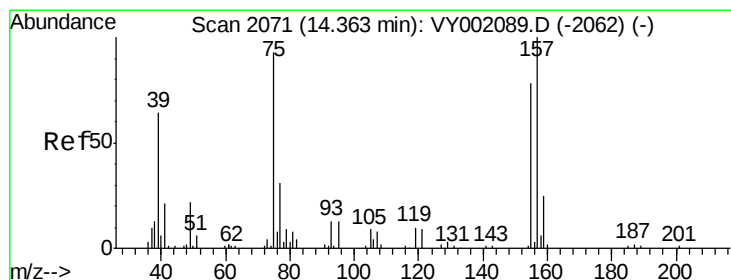
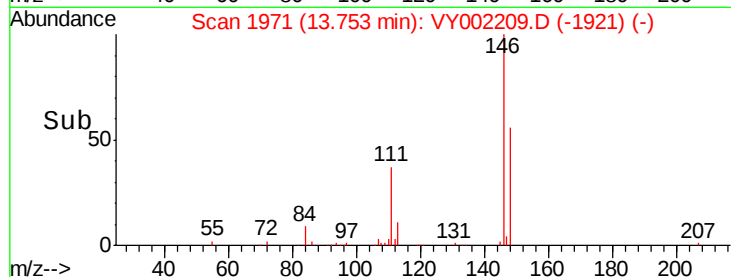
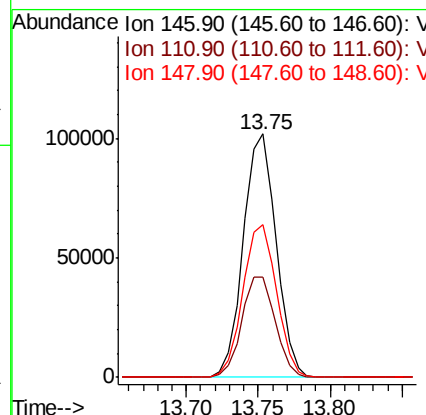
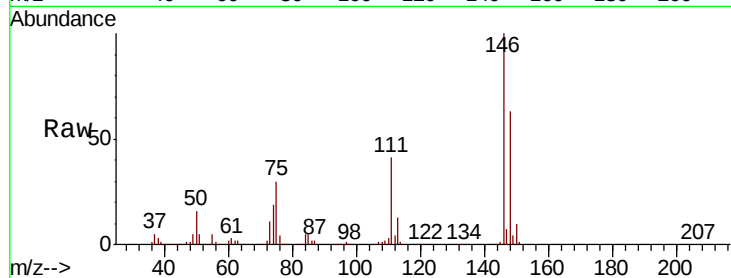




#91
 1,2-Dichlorobenzene
 Concen: 48.688 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002209.D
 Acq: 03 Apr 2020 10:43

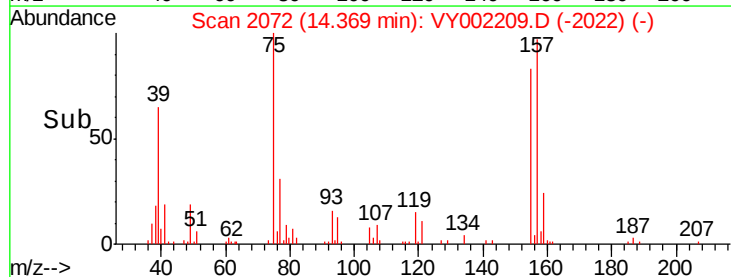
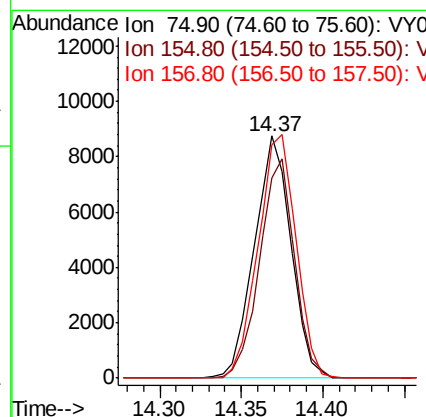
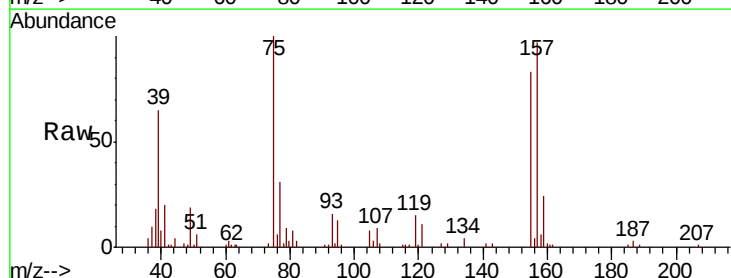
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB18

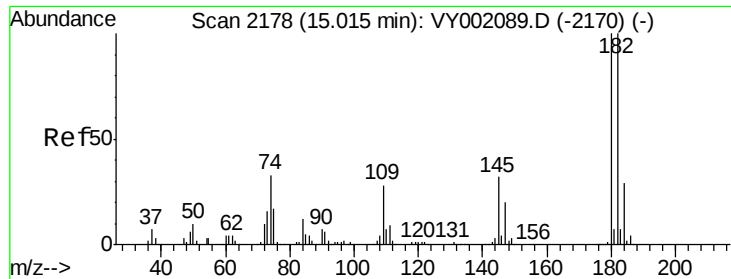
Tot Ion:146 Resp: 161038
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 63.7
 148 64.1 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.245 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002209.D
 Acq: 03 Apr 2020 10:43

Tgt Ion: 75 Resp: 13671
 Ion Ratio Lower Upper
 75 100
 155 86.5 41.6 124.9
 157 104.1 53.4 160.3

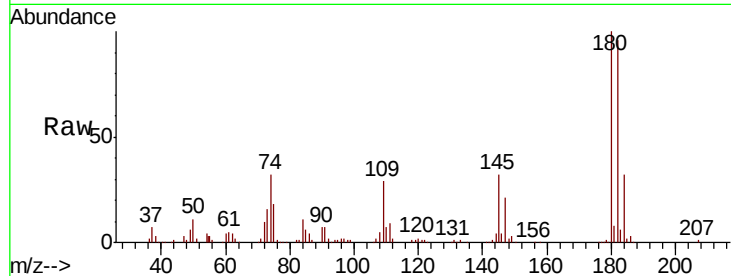




#93
 1,2,4-Trichlorobenzene
 Concen: 47.693 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002209.D
 Acq: 03 Apr 2020 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB18

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.1	144.3
145	32.1	15.9	47.6

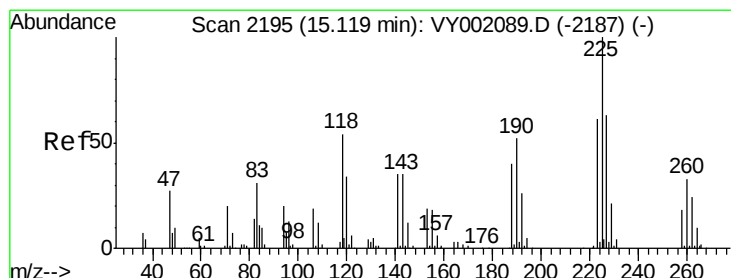
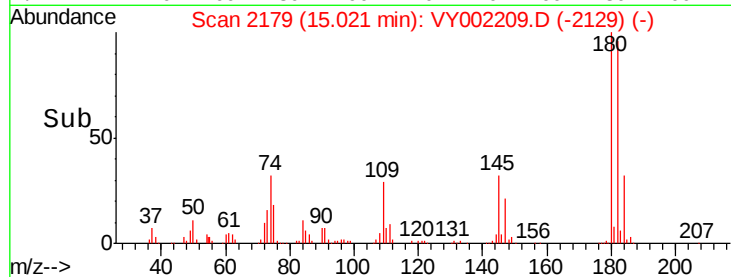
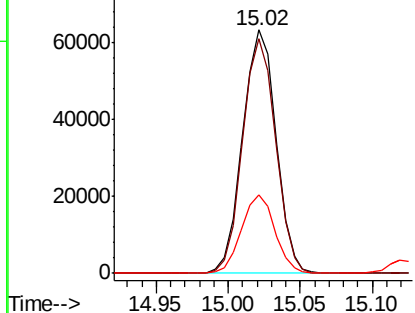


Abundance

Ion 179.80 (179.50 to 180.50): V

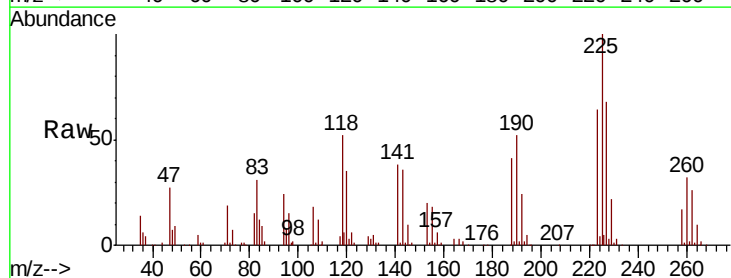
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.243 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002209.D
 Acq: 03 Apr 2020 10:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.3
227	63.3	31.6	94.7

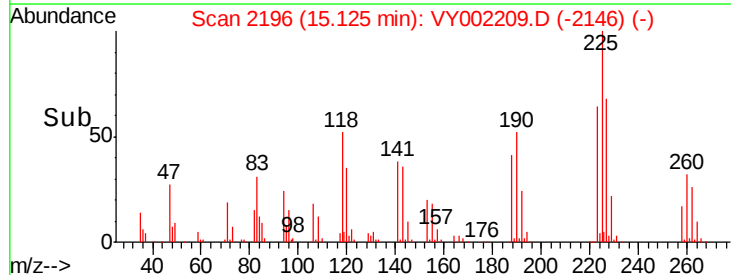
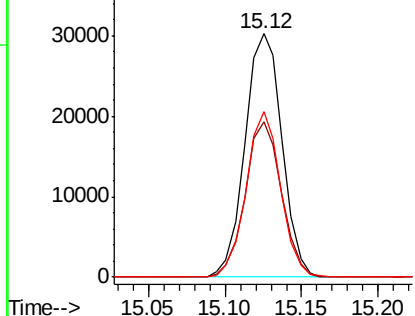


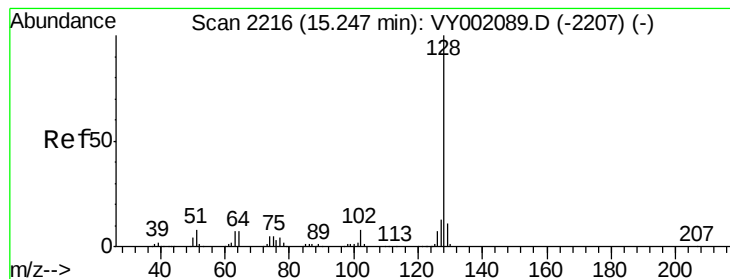
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 47.537 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.01 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

BFB18

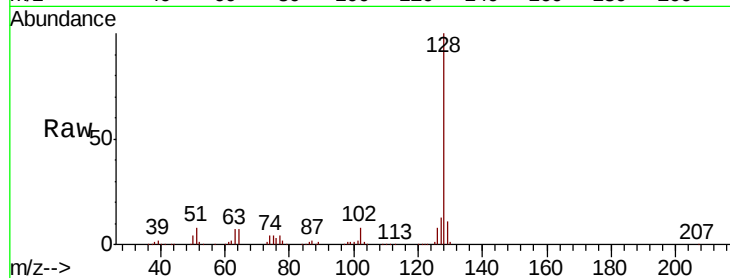
Tot Ion:128 Resp: 240703

Ion Ratio Lower Upper

128 100

127 12.3 9.8 14.8

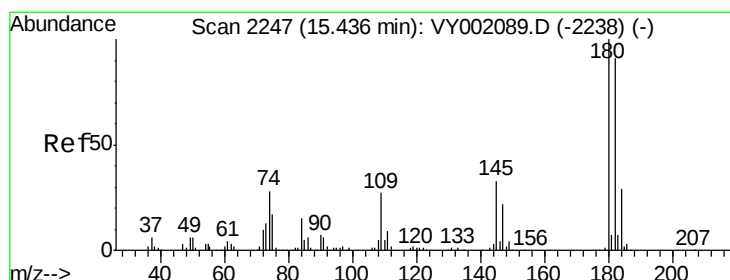
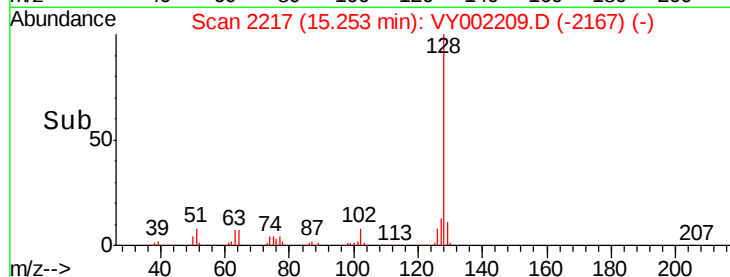
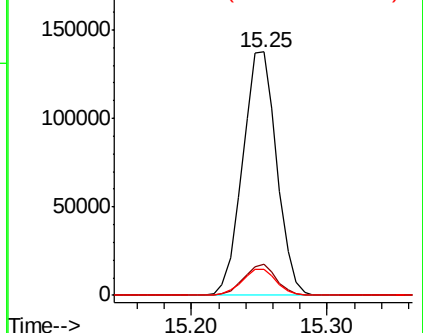
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.824 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY002209.D

Acq: 03 Apr 2020 10:43

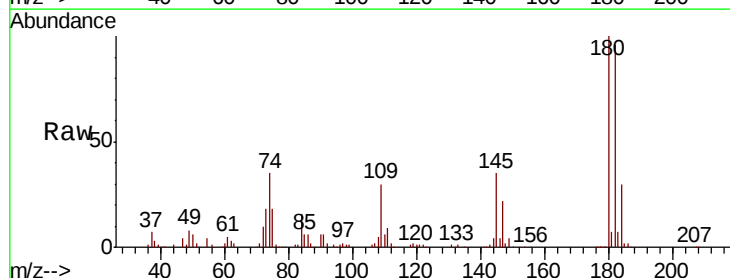
Tgt Ion:180 Resp: 90521

Ion Ratio Lower Upper

180 100

182 94.2 46.8 140.3

145 33.7 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

