

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020520\
 Data File : VY001499.D
 Acq On : 05 Feb 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 :
 BFB

Quant Time: Feb 05 14:16:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	238622	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	416378	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	365183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	168356	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	126530	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
35) Dibromofluoromethane	7.75	113	119150	49.62	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	10.20	98	484662	53.35	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.70%	
62) 4-Bromofluorobenzene	12.50	95	176635	49.36	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	108294	46.36	ug/l	99
3) Chloromethane	2.13	50	124915	51.17	ug/l	98
4) Vinyl Chloride	2.27	62	131515	51.88	ug/l	100
5) Bromomethane	2.68	94	81295	50.99	ug/l	100
6) Chloroethane	2.82	64	75950	49.71	ug/l	99
7) Trichlorofluoromethane	3.16	101	201636	48.05	ug/l	97
8) Diethyl Ether	3.56	74	72877	51.47	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	124055	49.14	ug/l	99
10) Methyl Iodide	4.13	142	156348	48.60	ug/l	99
11) Tert butyl alcohol	5.01	59	62462	228.25	ug/l	99
12) 1,1-Dichloroethene	3.91	96	123444	49.20	ug/l	97
13) Acrolein	3.77	56	65798	289.23	ug/l	99
14) Allyl chloride	4.52	41	199440	51.97	ug/l	97
15) Acrylonitrile	5.21	53	171834	264.72	ug/l	100
16) Acetone	3.99	43	199277	286.74	ug/l	100
17) Carbon Disulfide	4.23	76	404901	50.70	ug/l	99
18) Methyl Acetate	4.52	43	76595	51.65	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	335010	50.21	ug/l	99
20) Methylene Chloride	4.76	84	134598	49.41	ug/l	92
21) trans-1,2-Dichloroethene	5.26	96	138822	49.78	ug/l	97
22) Diisopropyl ether	6.16	45	395685	52.04	ug/l	96
23) Vinyl Acetate	6.10	43	1298129	268.18	ug/l	98
24) 1,1-Dichloroethane	6.06	63	229302	50.14	ug/l	99
25) 2-Butanone	7.03	43	253232	280.86	ug/l	99
26) 2,2-Dichloropropane	7.02	77	213691	48.82	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	149725	49.15	ug/l	99
28) Bromochloromethane	7.37	49	96910	62.20	ug/l	94
29) Tetrahydrofuran	7.38	42	143724	265.96	ug/l	99
30) Chloroform	7.54	83	227002	49.00	ug/l	99
31) Cyclohexane	7.82	56	230364	49.24	ug/l	97
32) 1,1,1-Trichloroethane	7.74	97	204716	48.74	ug/l	99
36) 1,1-Dichloropropene	7.95	75	190844	50.10	ug/l	99
37) Ethyl Acetate	7.11	43	97190	52.71	ug/l	99
38) Carbon Tetrachloride	7.93	117	178024	48.31	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	248903	49.63	ug/l	99
40) Benzene	8.19	78	537703	49.49	ug/l	99
41) Methacrylonitrile	7.38	41	132254	154.75	ug/l #	1
42) 1,2-Dichloroethane	8.27	62	147920	48.87	ug/l	99
43) Isopropyl Acetate	8.30	43	193847	53.10	ug/l	97
44) Trichloroethene	8.96	130	139701	47.70	ug/l	94
45) 1,2-Dichloropropane	9.24	63	132125	50.36	ug/l	99
46) Dibromomethane	9.33	93	72680	49.34	ug/l	98
47) Bromodichloromethane	9.52	83	178263	49.66	ug/l	97
48) Methyl methacrylate	9.32	41	89458	53.99	ug/l	95
49) 1,4-Dioxane	9.32	88	19317	992.87	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	487467	271.12	ug/l	98
52) Toluene	10.26	92	338415	49.09	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	197094	50.41	ug/l	97
54) cis-1,3-Dichloropropene	9.95	75	223085	49.70	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	105180	49.76	ug/l	99
56) Ethyl methacrylate	10.53	69	156236	51.97	ug/l	98
57) 1,3-Dichloropropane	10.81	76	186755	50.12	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	302518	273.54	ug/l	98
59) 2-Hexanone	10.85	43	367558	281.16	ug/l	100
60) Dibromochloromethane	11.00	129	122127	49.02	ug/l	100
61) 1,2-Dibromoethane	11.11	107	101568	48.79	ug/l	99
64) Tetrachloroethene	10.74	164	109277	45.63	ug/l	96
65) Chlorobenzene	11.53	112	347793	48.50	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	120174	47.89	ug/l	99
67) Ethyl Benzene	11.61	91	653009	49.26	ug/l	98
68) m/p-Xylenes	11.72	106	484799	97.41	ug/l	100
69) o-Xylene	12.05	106	227571	48.50	ug/l	98
70) Styrene	12.06	104	398388	49.09	ug/l	99
71) Bromoform	12.22	173	69488	49.73	ug/l #	100
73) Isopropylbenzene	12.35	105	622918	48.51	ug/l	100
74) N-amyl acetate	12.16	43	176654	52.94	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	125857	51.59	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	170909	94.40	ug/l #	100
77) Bromobenzene	12.62	156	133504	48.04	ug/l	94
78) n-propylbenzene	12.69	91	751470	48.89	ug/l	99
79) 2-Chlorotoluene	12.77	91	421798	48.14	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	521641	48.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	49308	52.70	ug/l	99
82) 4-Chlorotoluene	12.87	91	447410	48.70	ug/l	99
83) tert-Butylbenzene	13.09	119	438929	48.02	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	512352	47.87	ug/l	100
85) sec-Butylbenzene	13.27	105	625172	48.65	ug/l	100
86) p-Isopropyltoluene	13.38	119	549082	48.48	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	253951	47.69	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	255606	47.91	ug/l	100
89) n-Butylbenzene	13.71	91	549720	49.20	ug/l	100
90) Hexachloroethane	13.97	117	106140	48.83	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	234163	48.52	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	22259	49.42	ug/l	100

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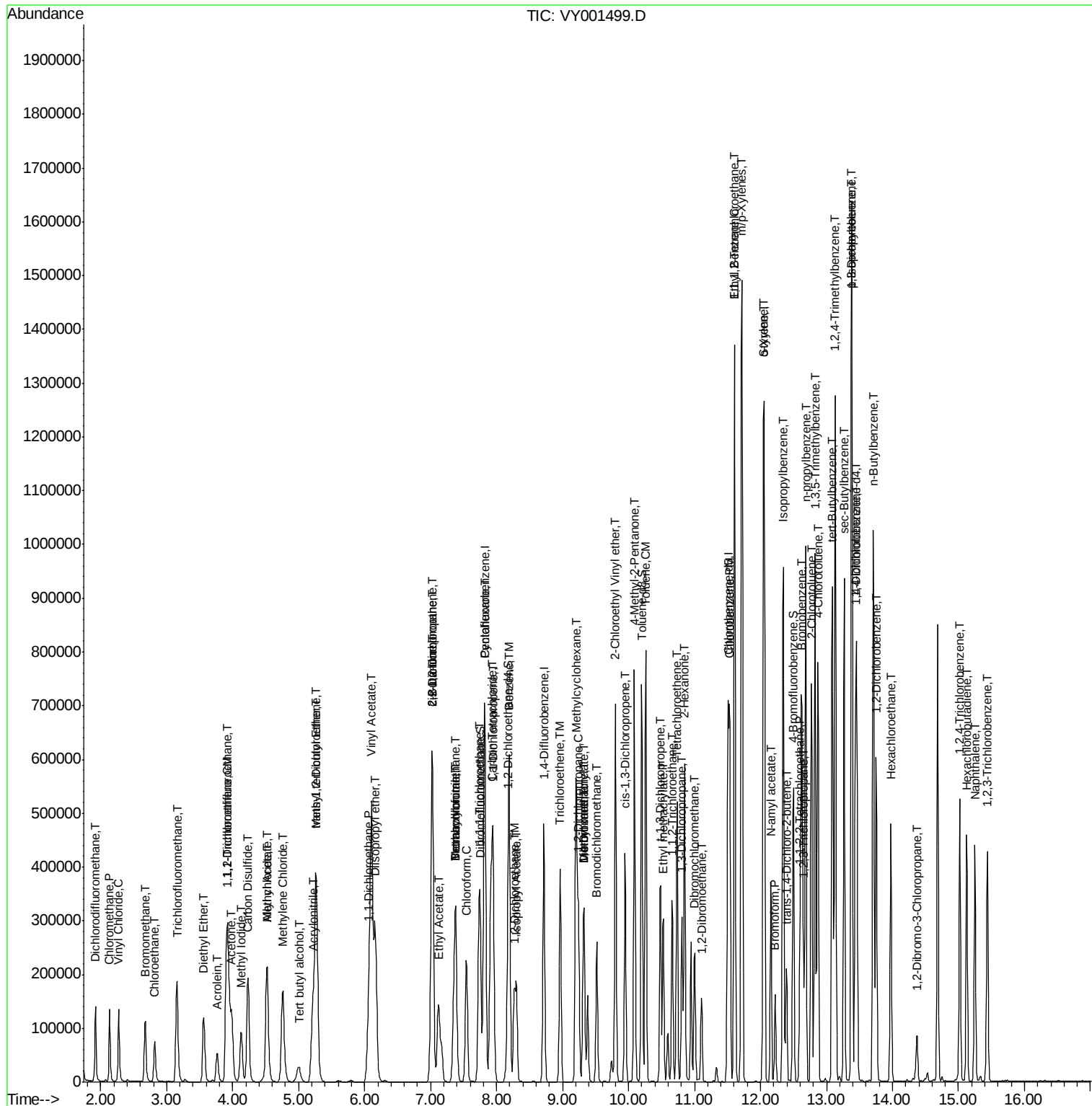
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	155134	47.70	ug/l	99
94) Hexachlorobutadiene	15.13	225	77647	47.04	ug/l	98
95) Naphthalene	15.25	128	362345	47.41	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	136054	47.39	ug/l	98

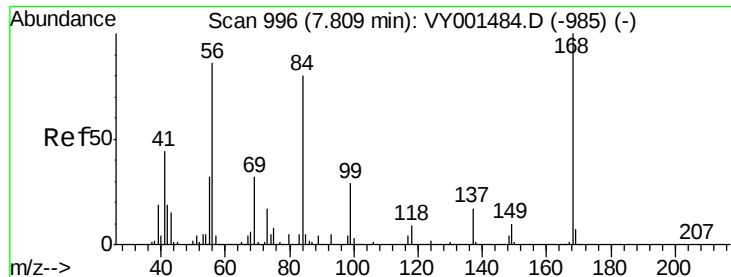
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

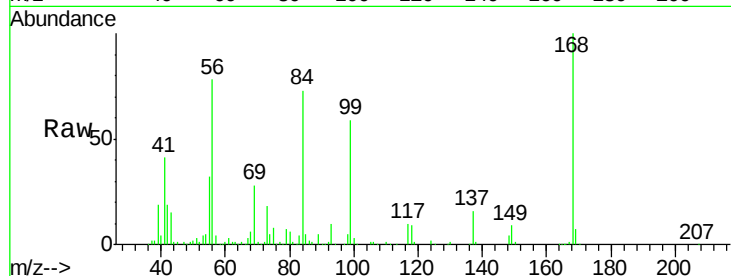
BFB

Tgt Ion:168 Resp: 238622

Ion Ratio Lower Upper

168 100

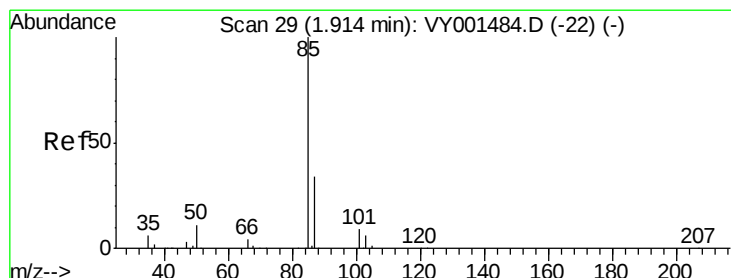
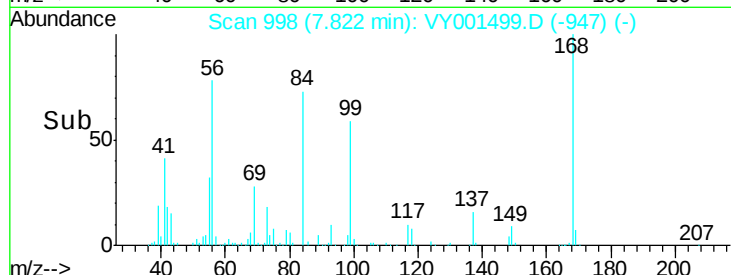
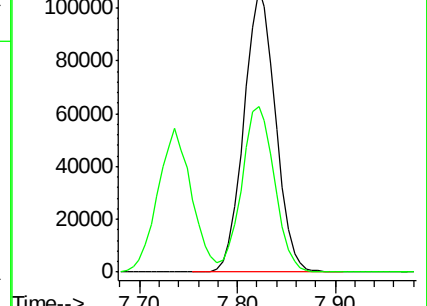
99 58.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001499.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001499.D (-947) (-)

7.82



#2

Dichlorodifluoromethane

Concen: 46.36 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001499.D

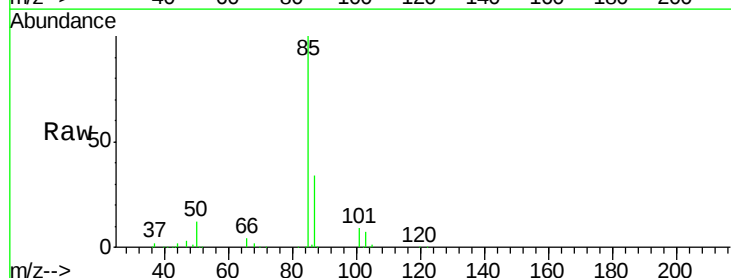
Acq: 05 Feb 2020 10:43

Tgt Ion: 85 Resp: 108294

Ion Ratio Lower Upper

85 100

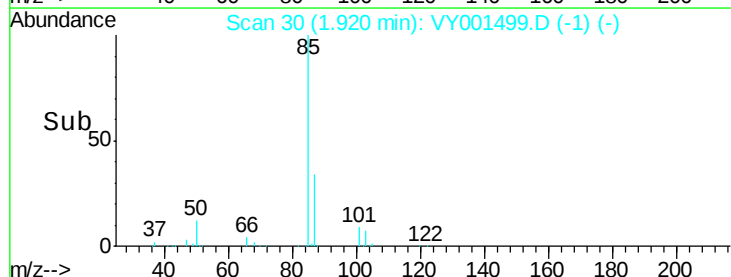
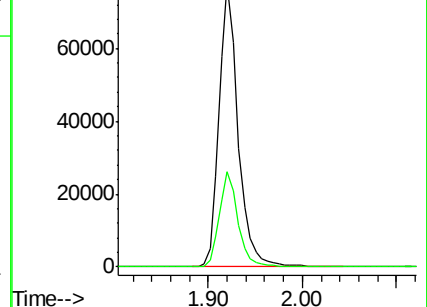
87 33.6 17.0 50.9

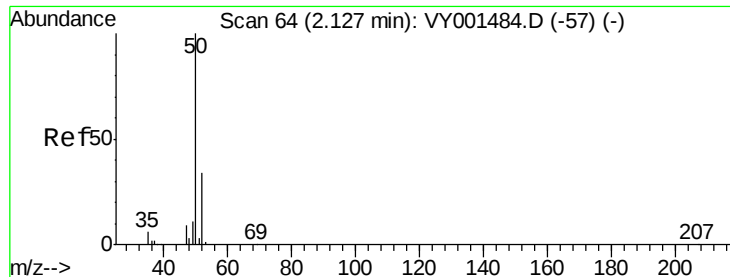


Abundance Ion 84.90 (84.60 to 85.60): VY001499.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001499.D (-1) (-)

1.92





#3

Chloromethane

Concen: 51.17 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

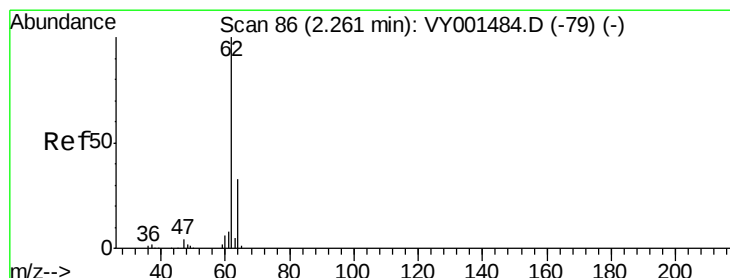
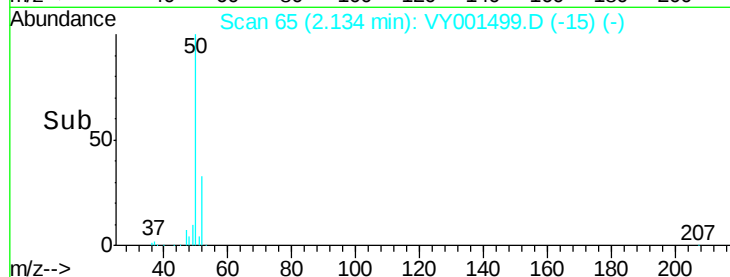
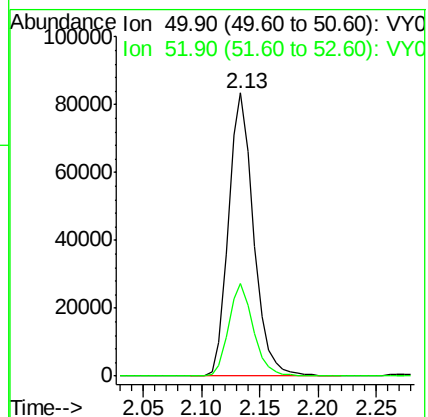
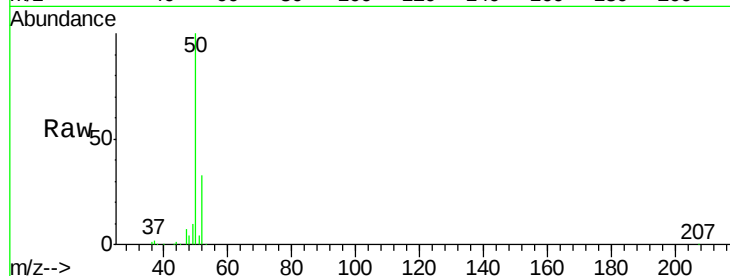
BFB

Tgt Ion: 50 Resp: 124915

Ion Ratio Lower Upper

50 100

52 32.8 27.3 40.9



#4

Vinyl Chloride

Concen: 51.88 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001499.D

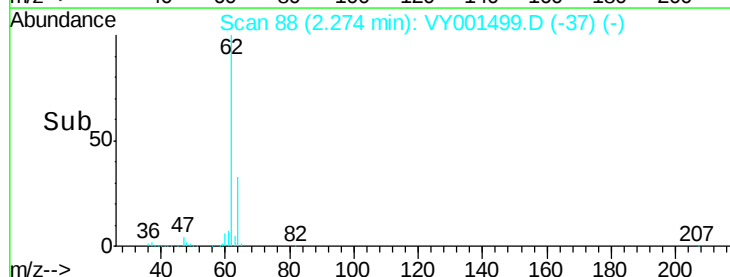
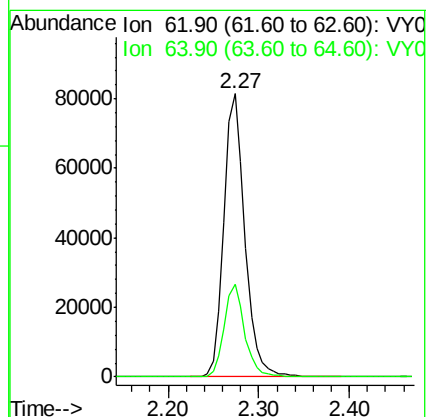
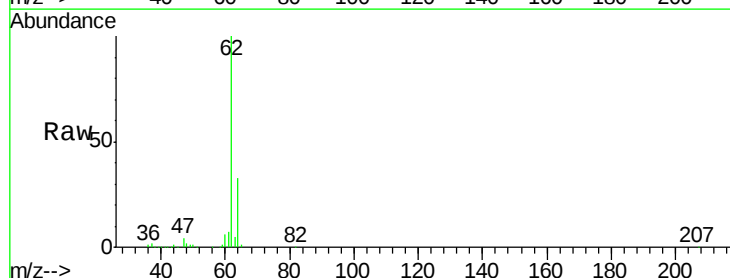
Acq: 05 Feb 2020 10:43

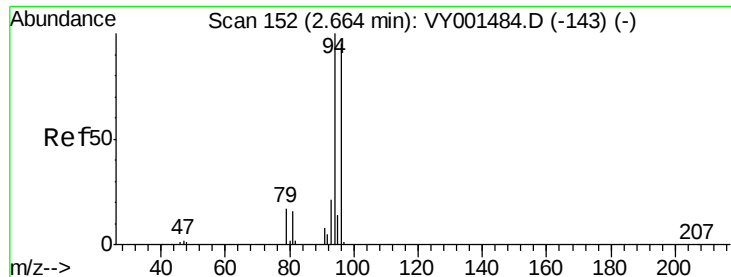
Tgt Ion: 62 Resp: 131515

Ion Ratio Lower Upper

62 100

64 32.8 26.4 39.6





#5

Bromomethane

Concen: 50.99 ug/l

RT: 2.68 min Scan# 154

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

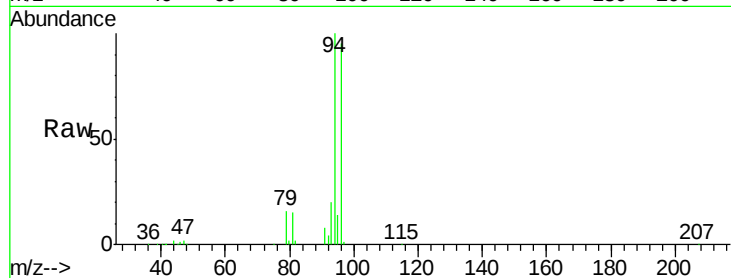
BFB

Tgt Ion: 94 Resp: 81295

Ion Ratio Lower Upper

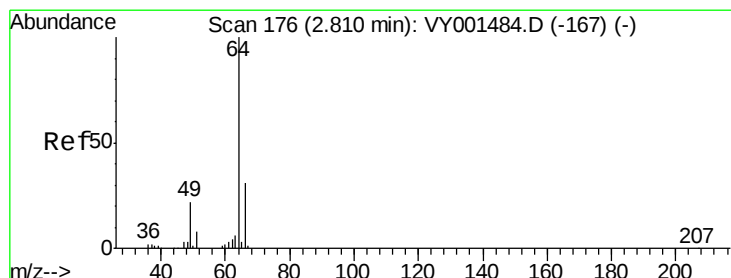
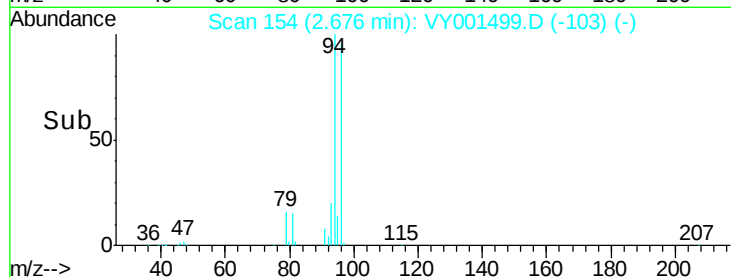
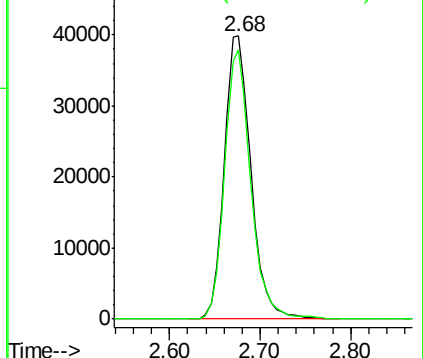
94 100

96 95.3 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.71 ug/l

RT: 2.82 min Scan# 178

Delta R.T. 0.01 min

Lab File: VY001499.D

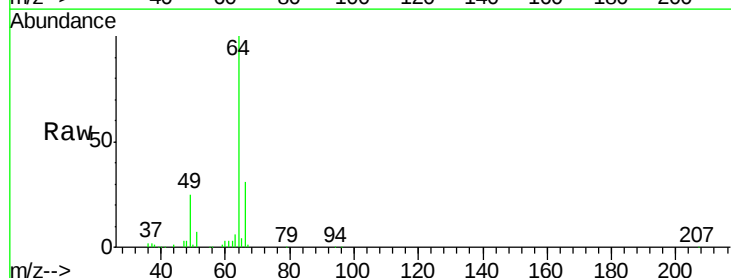
Acq: 05 Feb 2020 10:43

Tgt Ion: 64 Resp: 75950

Ion Ratio Lower Upper

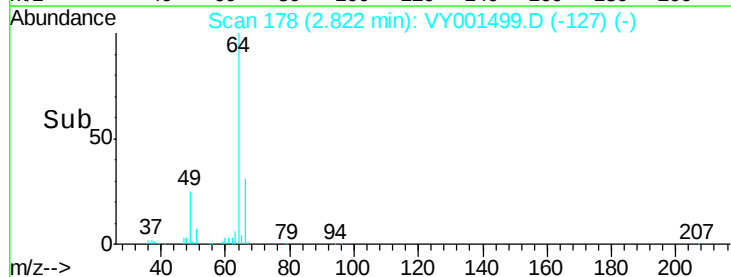
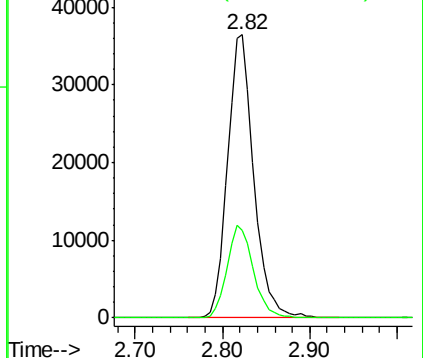
64 100

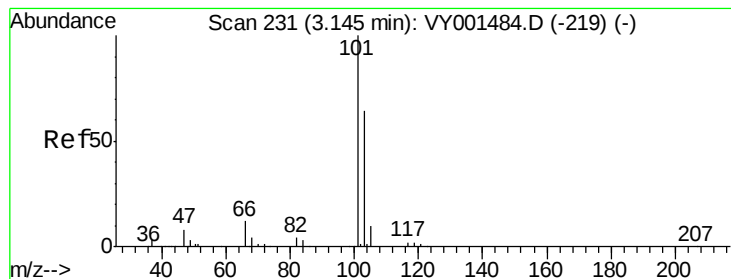
66 30.9 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



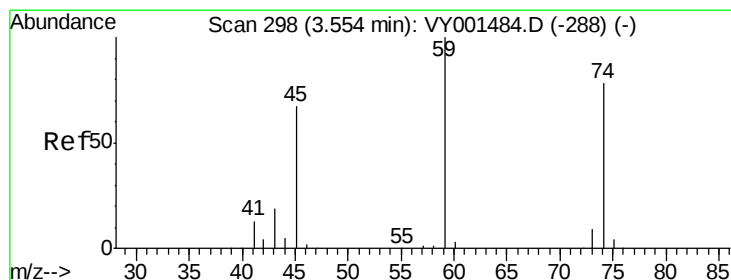
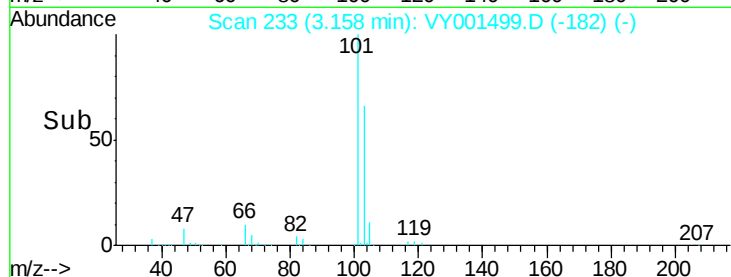
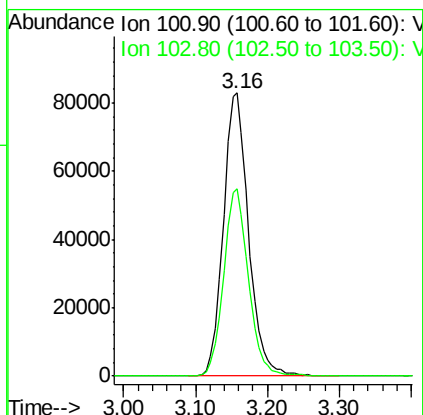
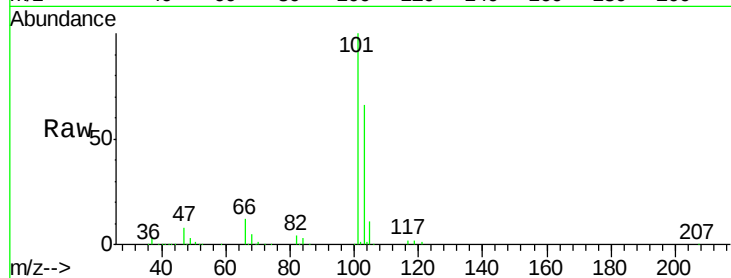


#7

Trichlorofluoromethane
 Concen: 48.05 ug/l
 RT: 3.16 min Scan# 233
 Delta R.T. 0.01 min
 Lab File: VY001499.D
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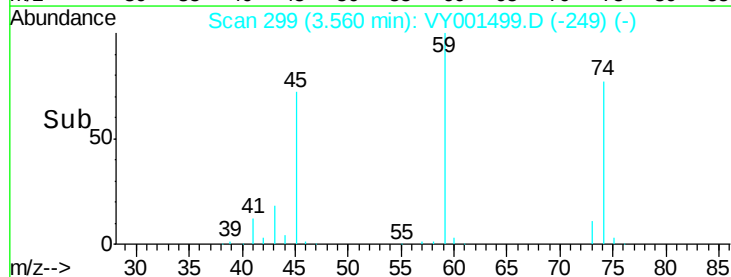
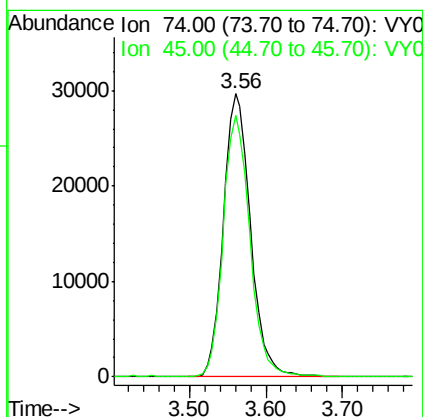
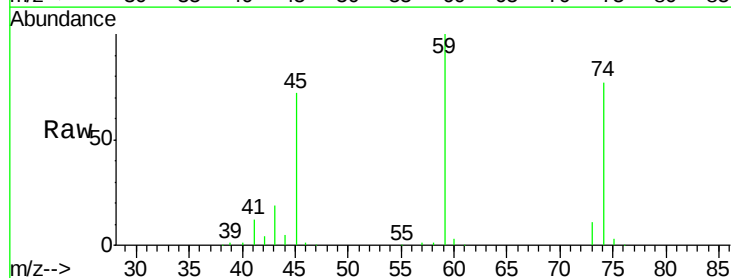
Tgt Ion:101 Resp: 201636
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.9 76.3

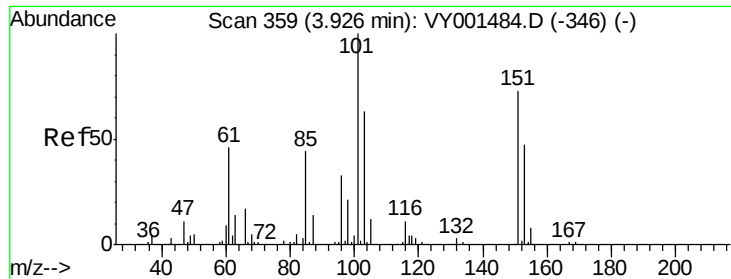


#8

Diethyl Ether
 Concen: 51.47 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

Tgt Ion: 74 Resp: 72877
 Ion Ratio Lower Upper
 74 100
 45 90.8 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.14 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampled :

BFB

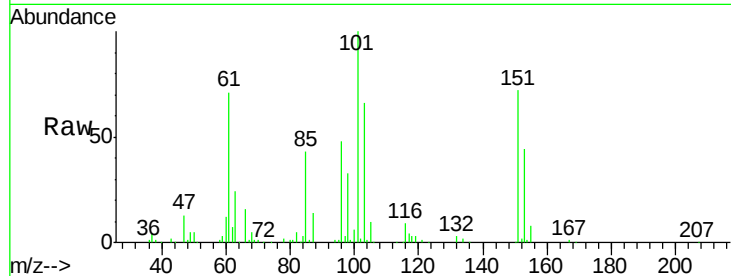
Tgt Ion:101 Resp: 124055

Ion Ratio Lower Upper

101 100

85 43.8 34.6 51.8

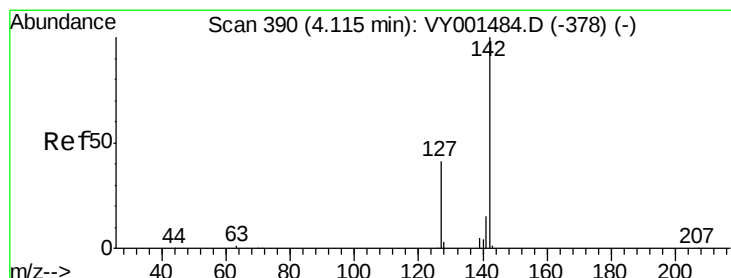
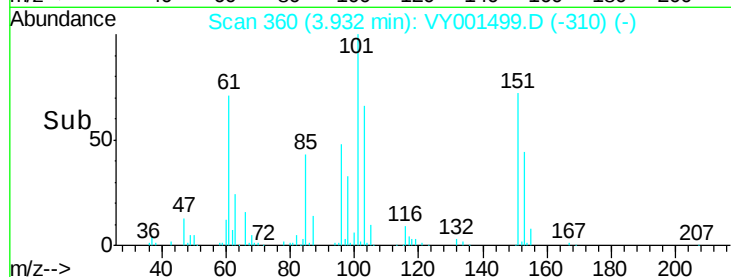
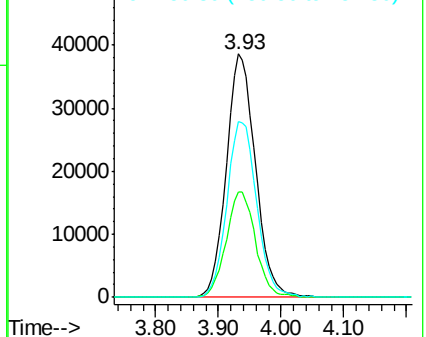
151 74.1 60.3 90.5



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: 48.60 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

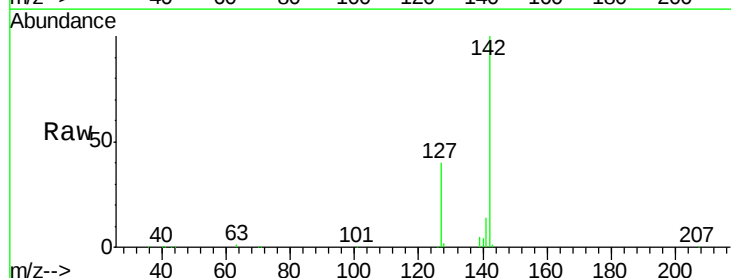
Tgt Ion:142 Resp: 156348

Ion Ratio Lower Upper

142 100

127 41.1 33.3 49.9

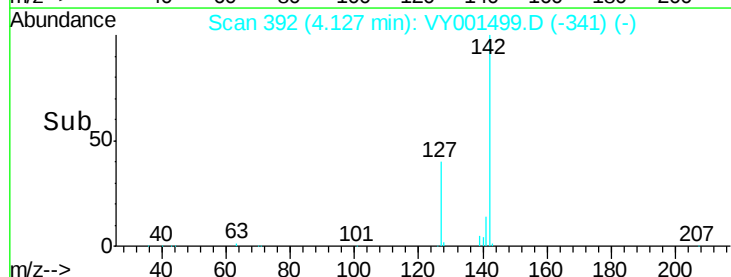
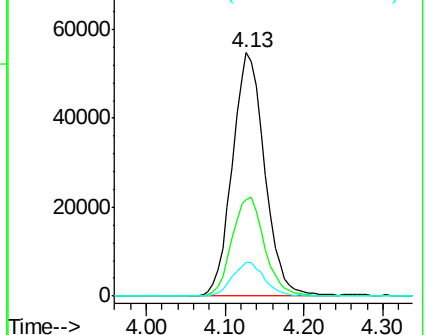
141 13.8 11.5 17.3

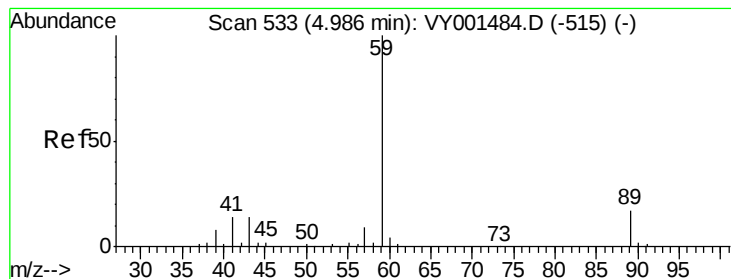


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



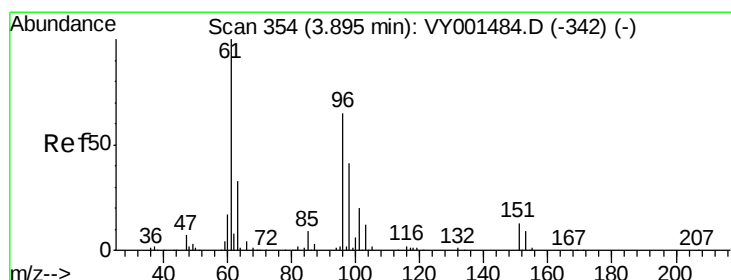
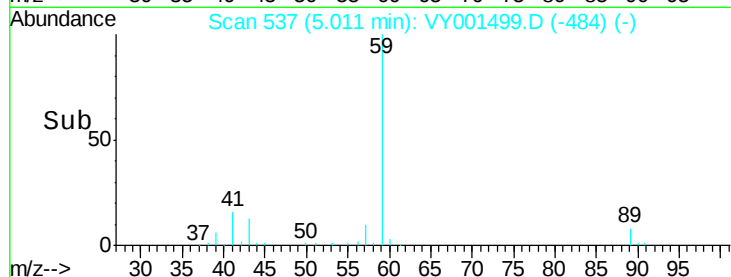
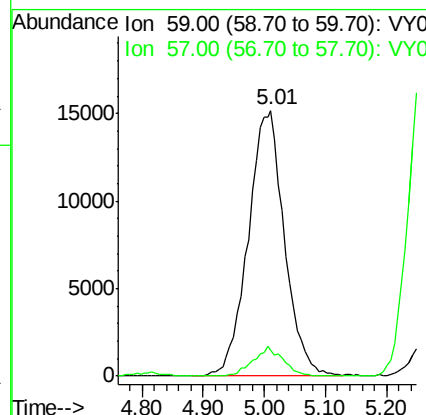
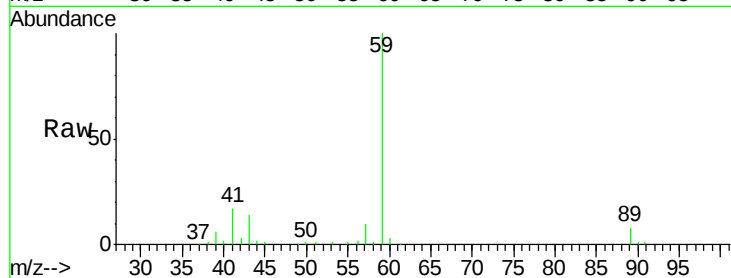


#11

Tert butyl alcohol
 Concen: 228.25 ug/l
 RT: 5.01 min Scan# 537
 Delta R.T. 0.03 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

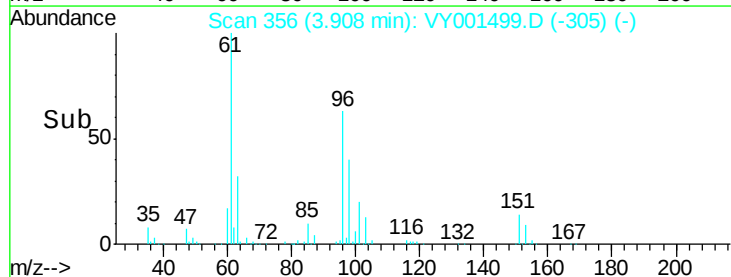
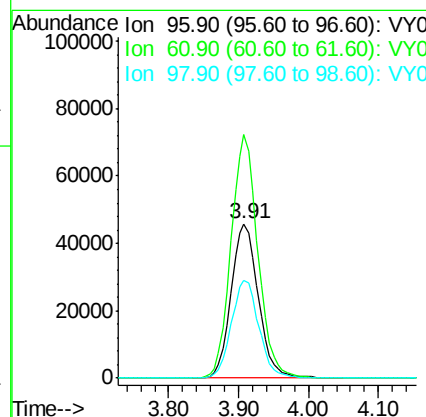
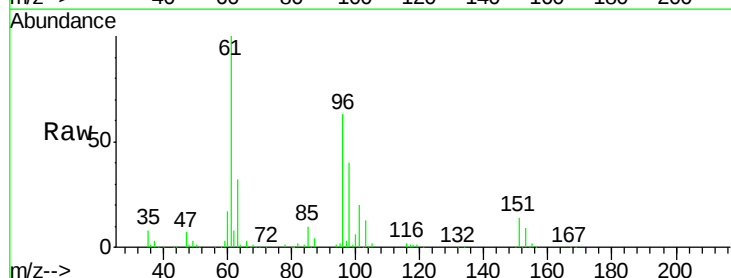
Tgt Ion: 59 Resp: 62462
 Ion Ratio Lower Upper
 59 100
 57 9.1 7.0 10.6

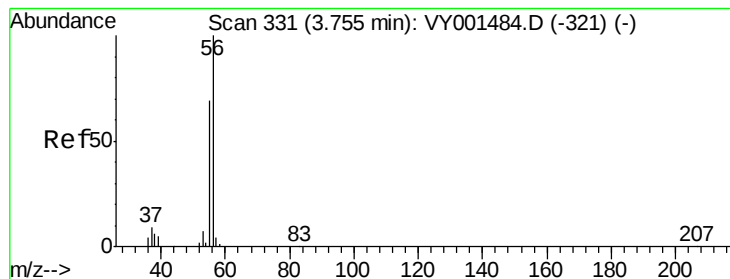


#12

1,1-Dichloroethene
 Concen: 49.20 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

Tgt Ion: 96 Resp: 123444
 Ion Ratio Lower Upper
 96 100
 61 157.9 122.3 183.5
 98 63.8 49.7 74.5





#13

Acrolein

Concen: 289.23 ug/l

RT: 3.77 min Scan# 333

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampled :

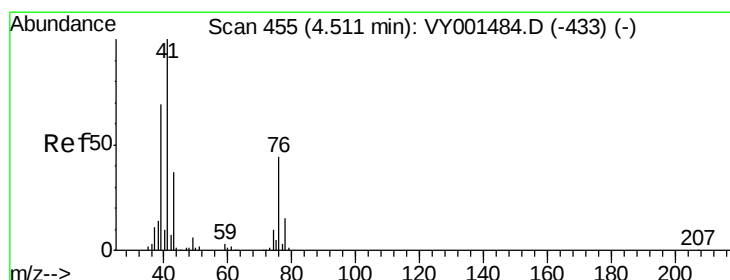
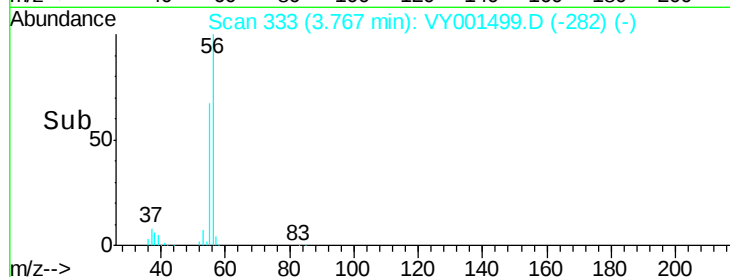
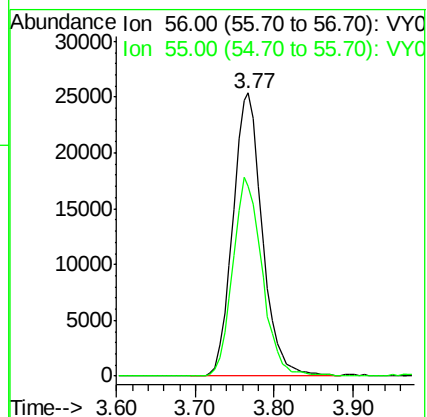
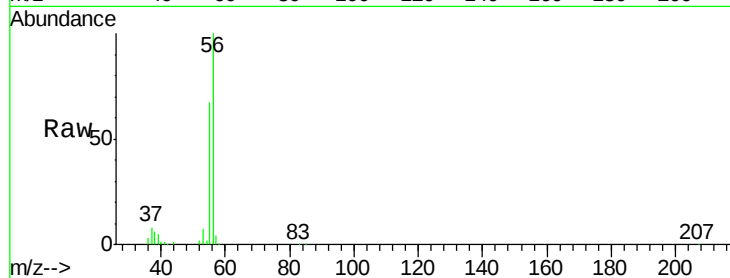
BFB

Tgt Ion: 56 Resp: 65798

Ion Ratio Lower Upper

56 100

55 69.8 56.2 84.4



#14

Allyl chloride

Concen: 51.97 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

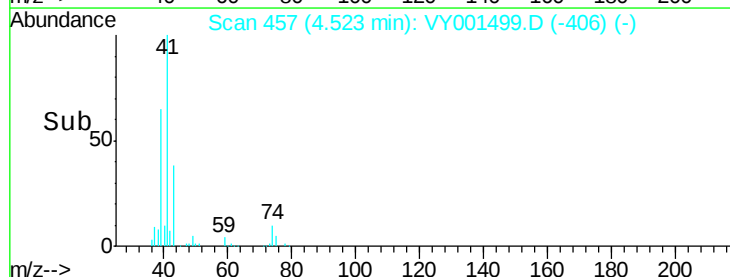
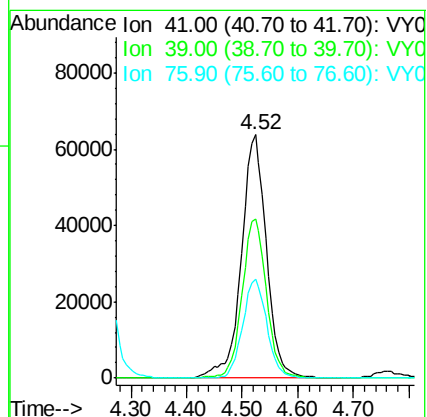
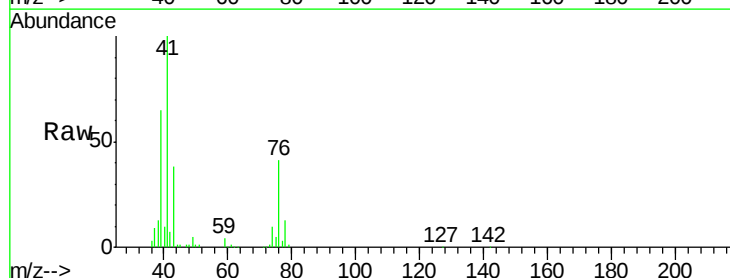
Tgt Ion: 41 Resp: 199440

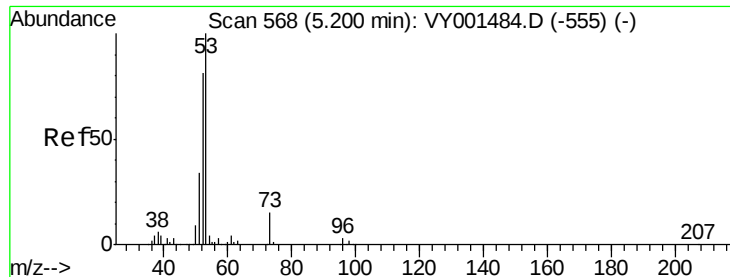
Ion Ratio Lower Upper

41 100

39 63.8 53.0 79.6

76 39.2 32.6 48.8





#15

Acrylonitrile

Concen: 264.72 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

BFB

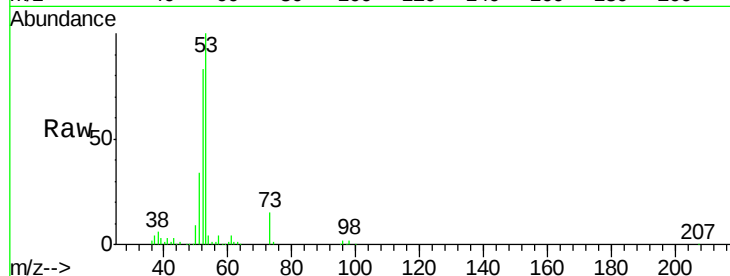
Tgt Ion: 53 Resp: 171834

Ion Ratio Lower Upper

53 100

52 81.6 65.4 98.2

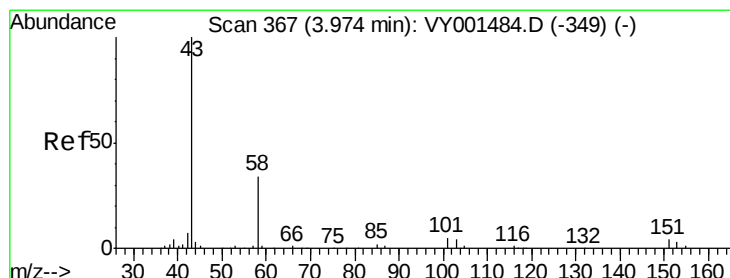
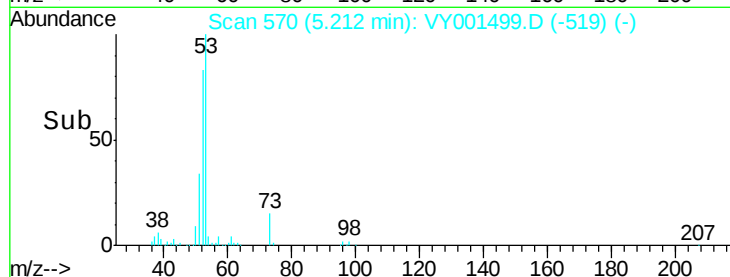
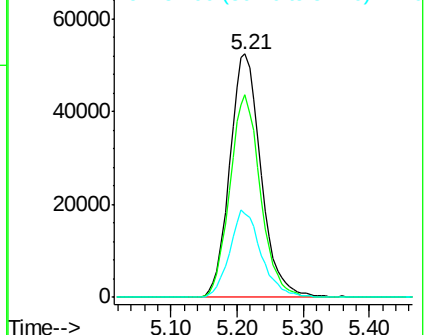
51 36.2 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY001499.D (-519) (-)

Ion 52.00 (51.70 to 52.70): VY001499.D (-519) (-)

Ion 51.00 (50.70 to 51.70): VY001499.D (-519) (-)



#16

Acetone

Concen: 286.74 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001499.D

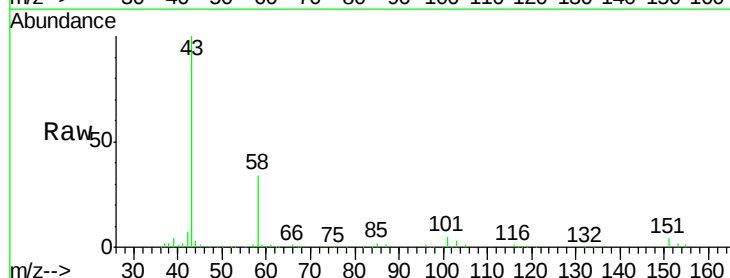
Acq: 05 Feb 2020 10:43

Tgt Ion: 43 Resp: 199277

Ion Ratio Lower Upper

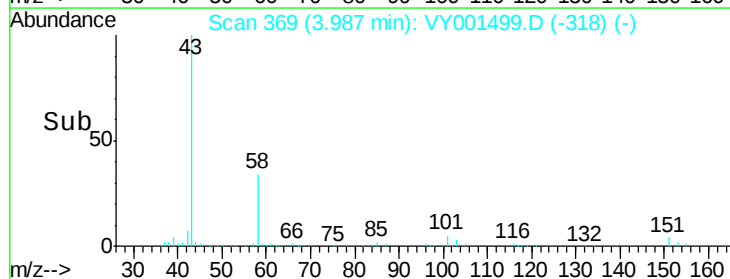
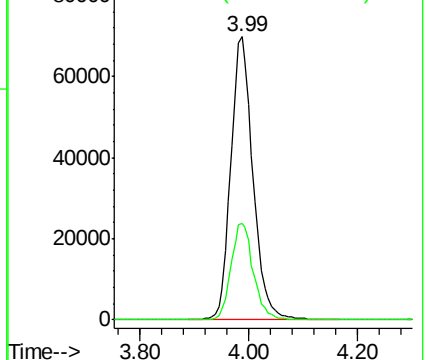
43 100

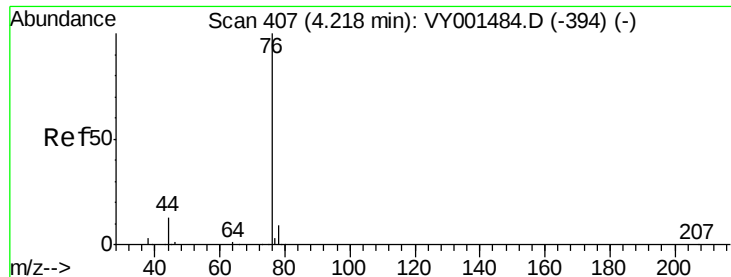
58 34.1 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001499.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001499.D (-318) (-)

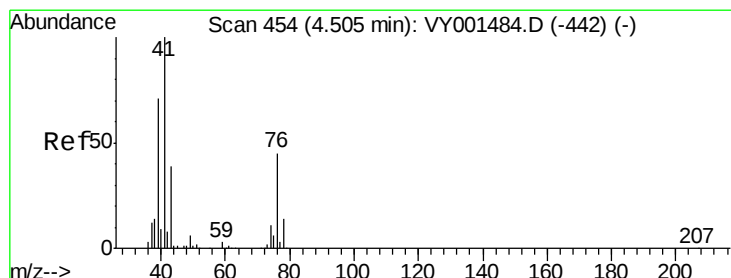
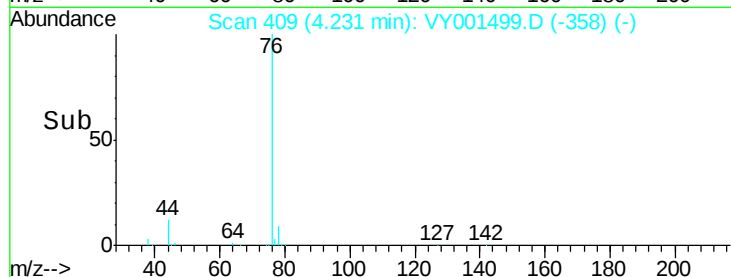
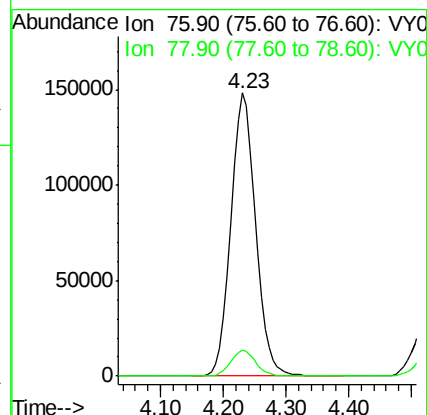
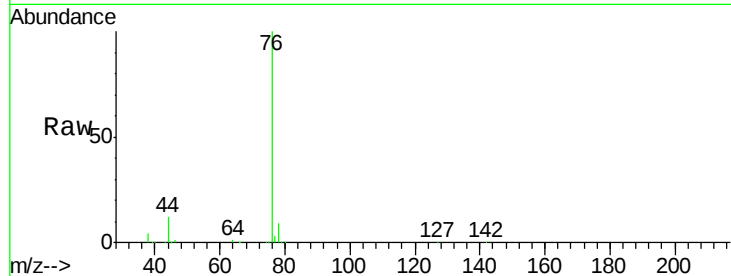




#17
Carbon Disulfide
Concen: 50.70 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

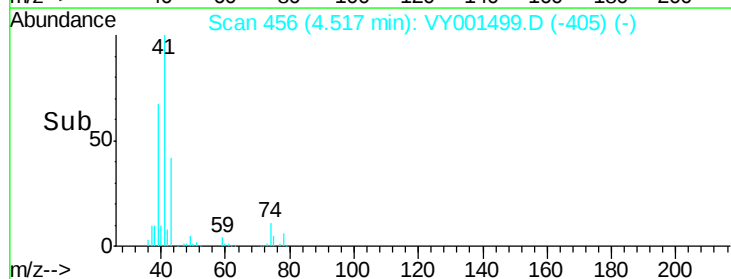
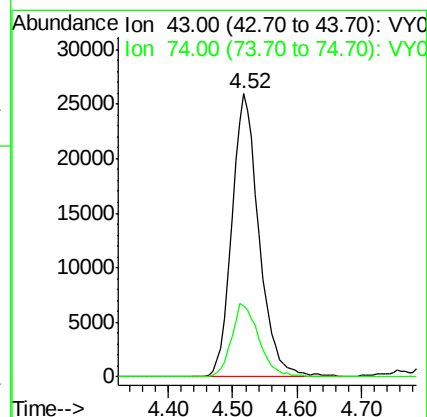
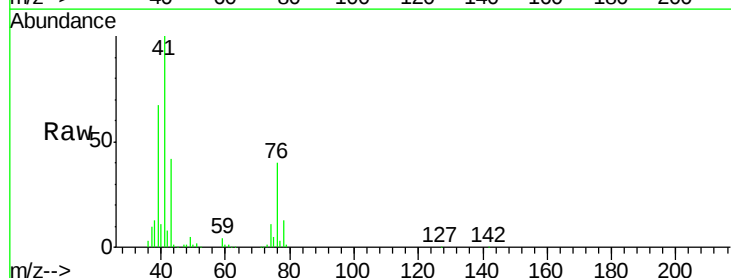
Instrument :
MSVOA_Y
ClientSampleId :
BFB

Tgt Ion: 76 Resp: 404901
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 51.65 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

Tgt Ion: 43 Resp: 76595
Ion Ratio Lower Upper
43 100
74 26.1 21.0 31.6

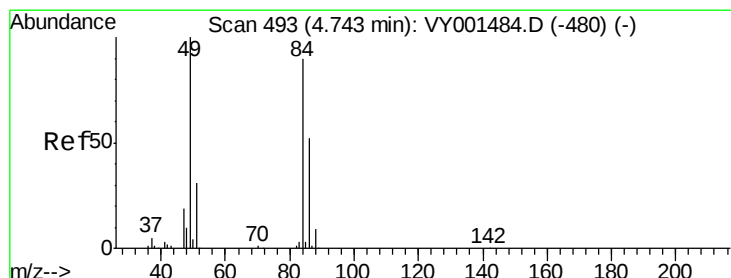
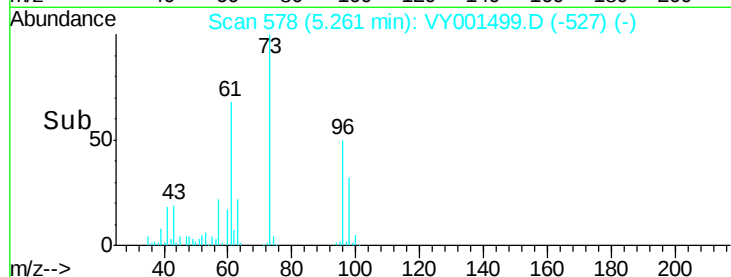
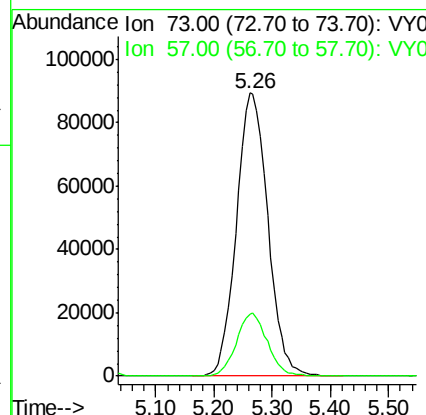
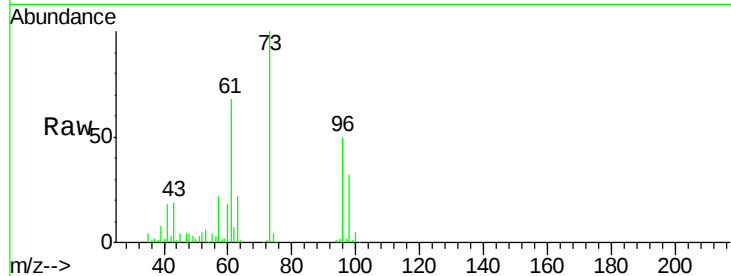




#19
Methyl tert-butyl Ether
Concen: 50.21 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

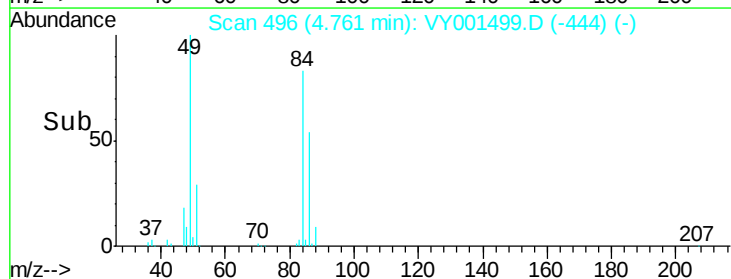
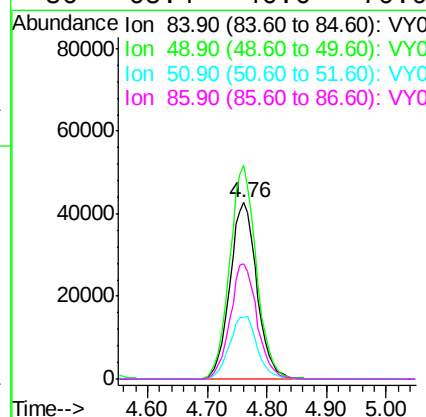
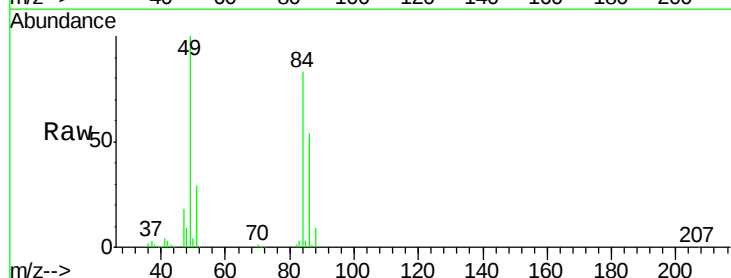
Instrument :
MSVOA_Y
ClientSampled :
BFB

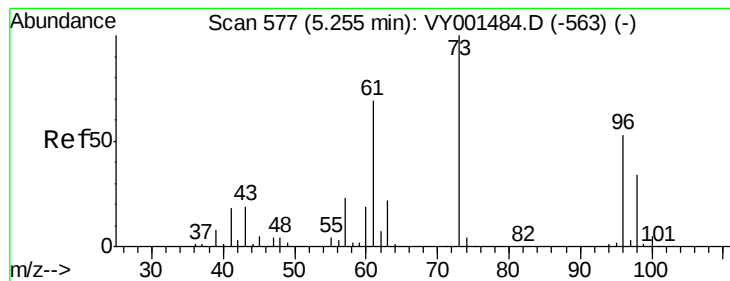
Tgt Ion: 73 Resp: 335010
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6



#20
Methylene Chloride
Concen: 49.41 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.02 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

Tgt Ion: 84 Resp: 134598
Ion Ratio Lower Upper
84 100
49 121.1 89.0 133.6
51 34.5 27.4 41.2
86 65.4 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 49.78 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

BFB

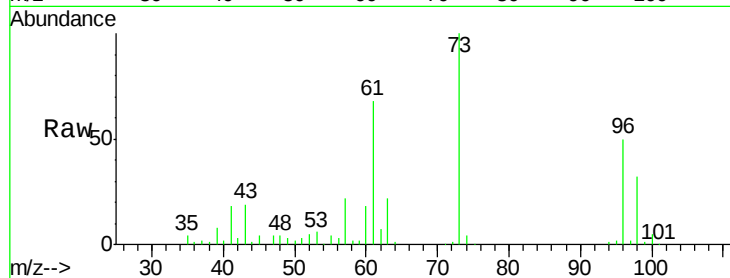
Tgt Ion: 96 Resp: 138822

Ion Ratio Lower Upper

96 100

61 134.3 104.2 156.4

98 63.0 51.4 77.0

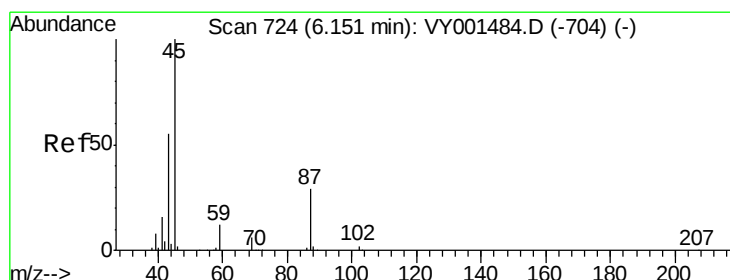
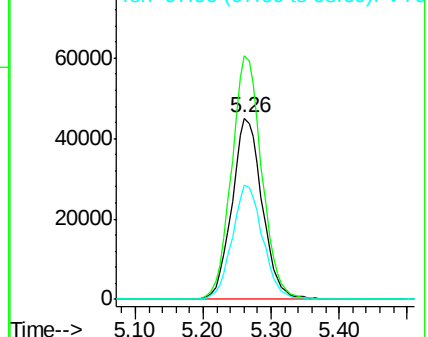
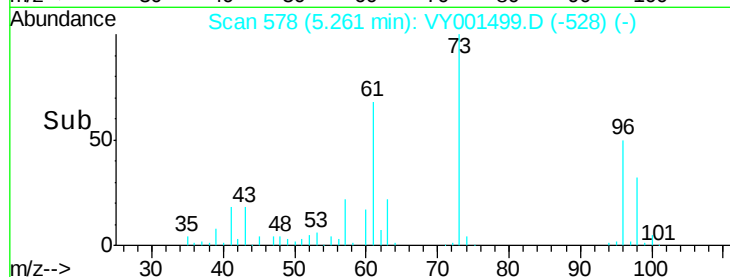


Abundance

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



#22

Diisopropyl ether

Concen: 52.04 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Tgt Ion: 45 Resp: 395685

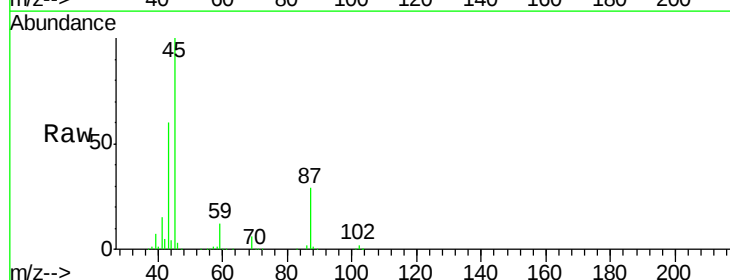
Ion Ratio Lower Upper

45 100

43 59.8 44.2 66.4

87 28.8 23.9 35.9

59 11.8 10.2 15.2



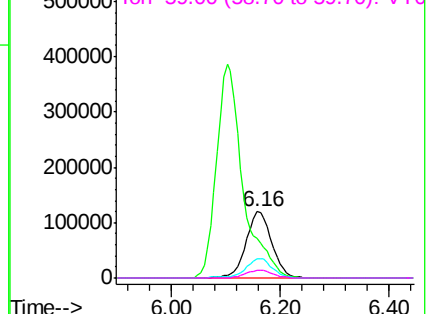
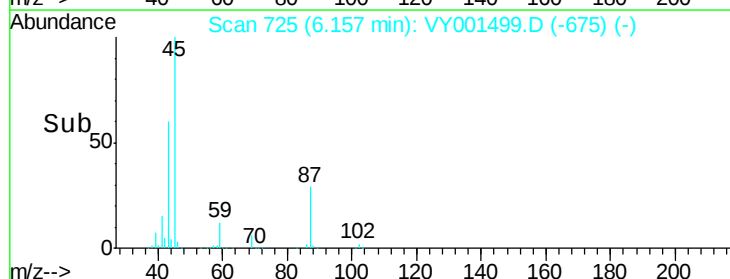
Abundance

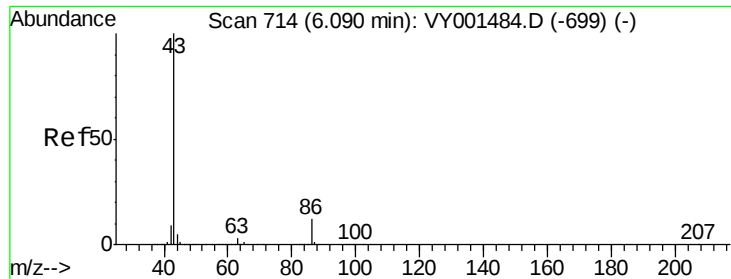
Ion 45.00 (44.70 to 45.70): VY0

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: 268.18 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampled :

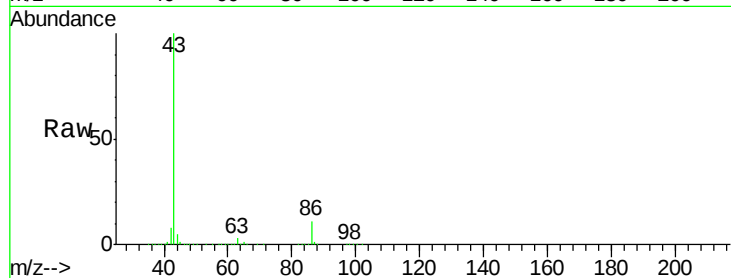
BFB

Tgt Ion: 43 Resp: 1298129

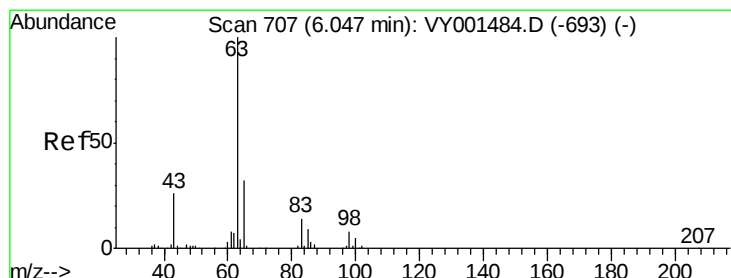
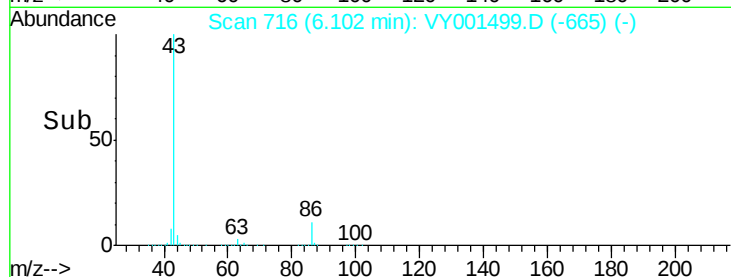
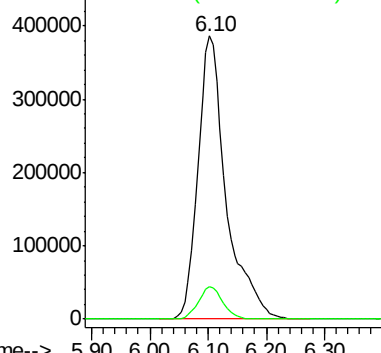
Ion Ratio Lower Upper

43 100

86 11.4 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.14 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

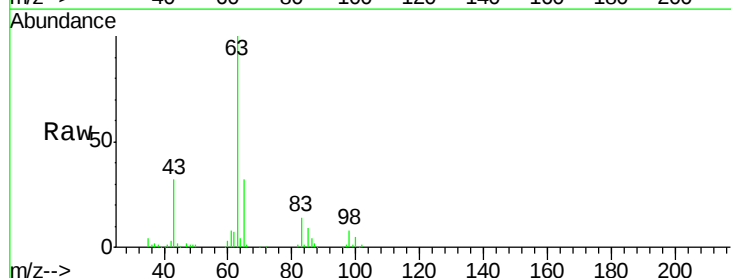
Tgt Ion: 63 Resp: 229302

Ion Ratio Lower Upper

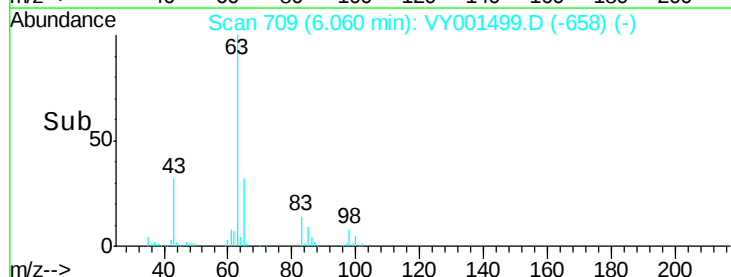
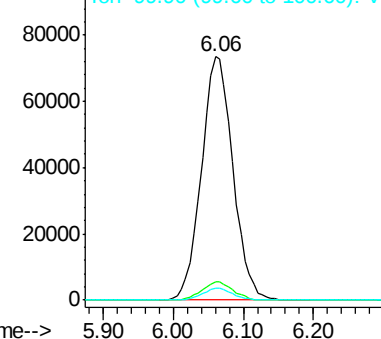
63 100

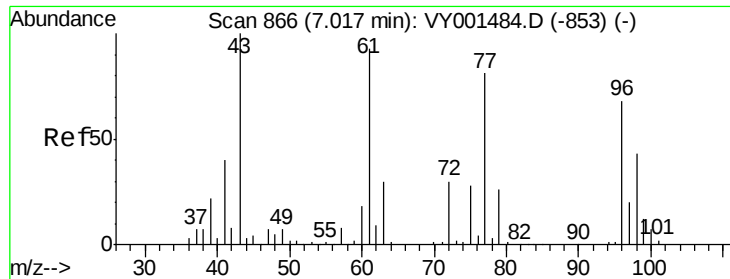
98 7.5 4.0 11.9

100 4.8 2.6 8.0



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: 280.86 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampled :

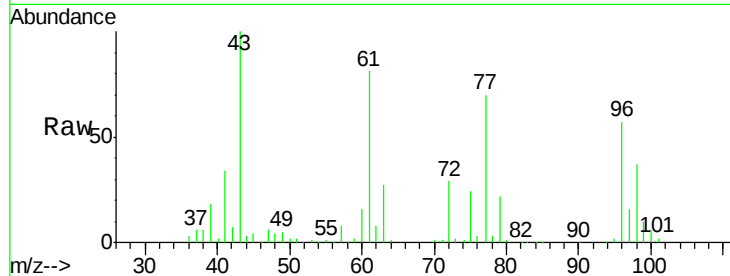
BFB

Tgt Ion: 43 Resp: 253232

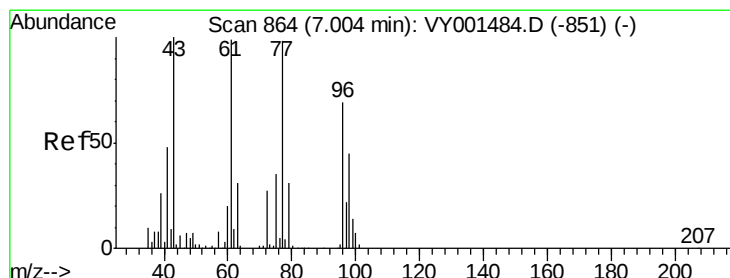
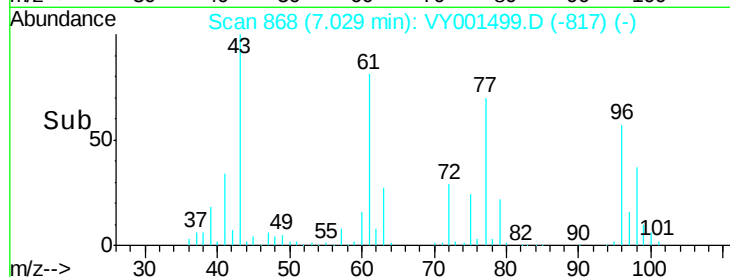
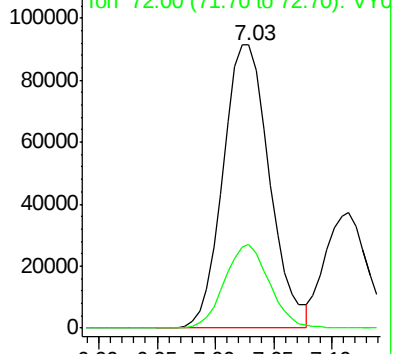
Ion Ratio Lower Upper

43 100

72 29.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-853) (-)



#26

2,2-Dichloropropane

Concen: 48.82 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY001499.D

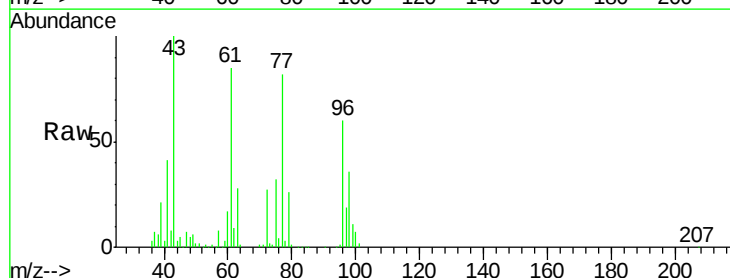
Acq: 05 Feb 2020 10:43

Tgt Ion: 77 Resp: 213691

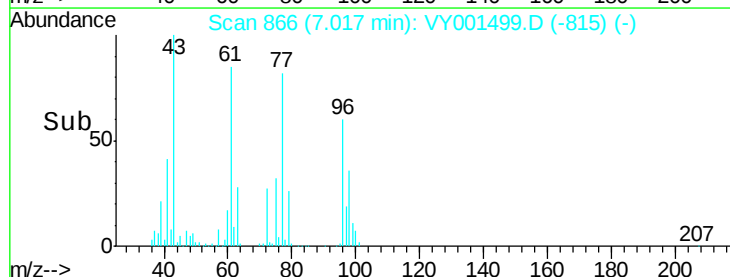
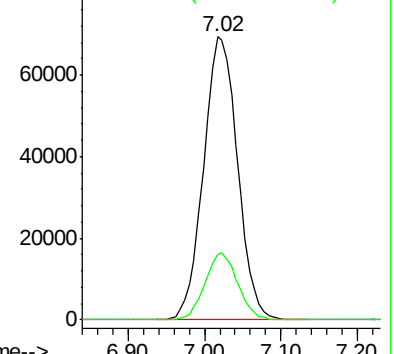
Ion Ratio Lower Upper

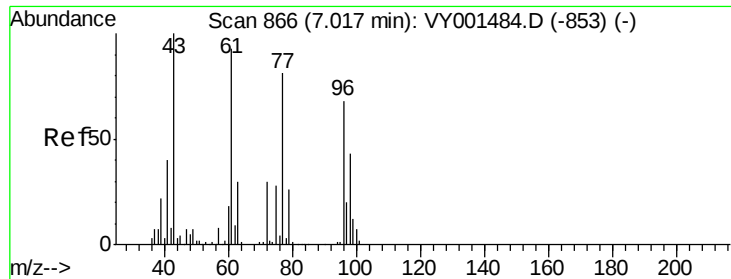
77 100

97 22.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY001484.D (-851) (-)



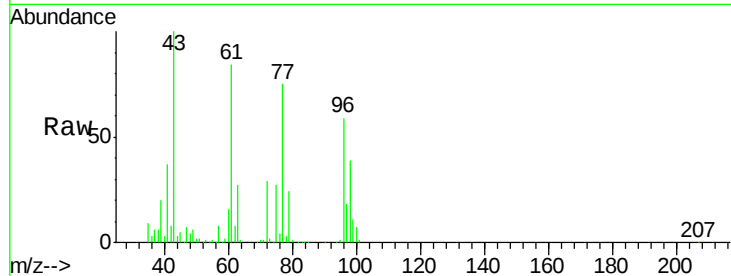


#27

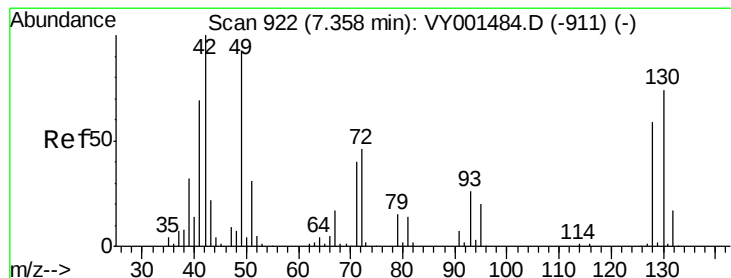
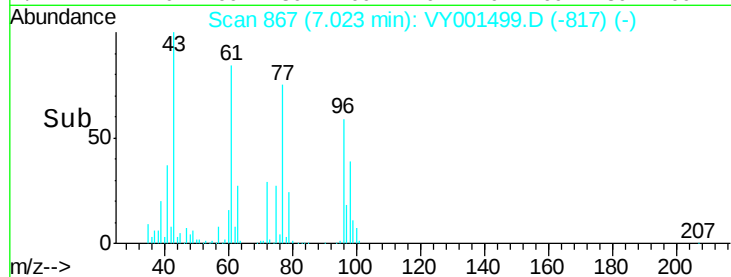
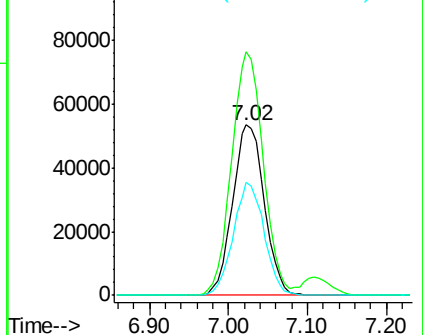
cis-1,2-Dichloroethene
Concen: 49.15 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

Instrument :
MSVOA_Y
ClientSampled :
BFB

Tgt Ion: 96 Resp: 149725
Ion Ratio Lower Upper
96 100
61 142.0 0.0 278.8
98 64.3 0.0 128.8



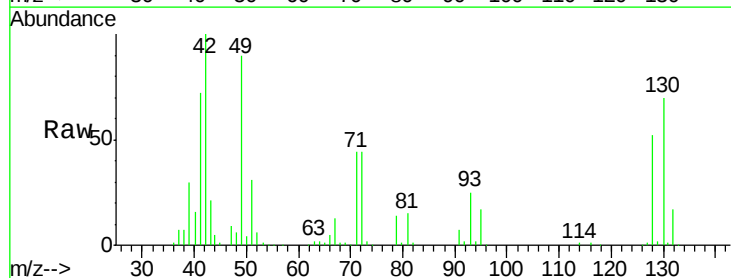
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



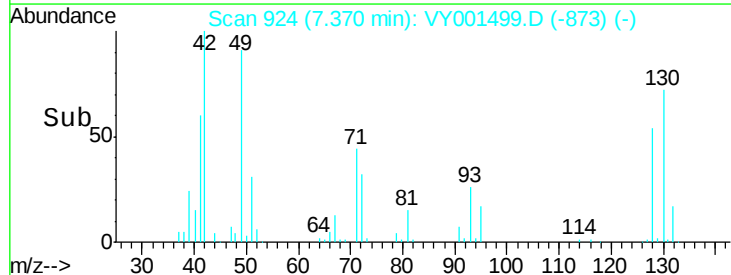
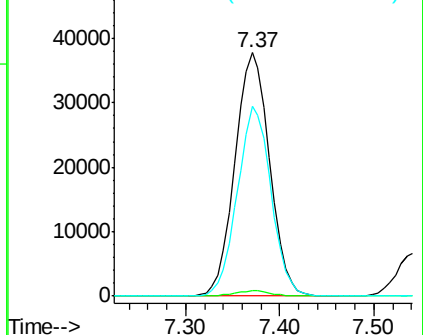
#28

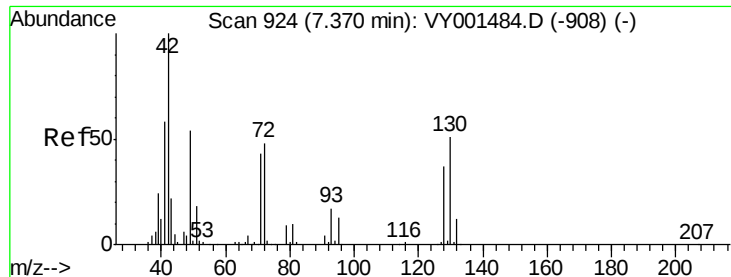
Bromochloromethane
Concen: 62.20 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

Tgt Ion: 49 Resp: 96910
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.8
130 76.1 65.4 98.2



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

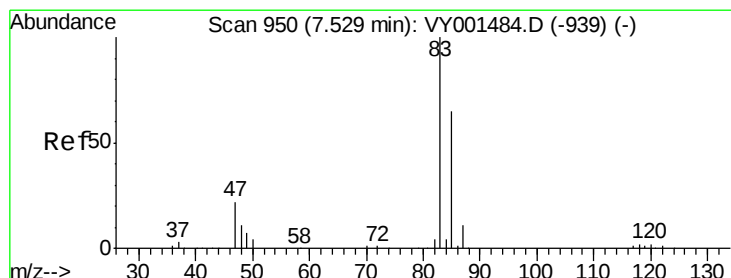
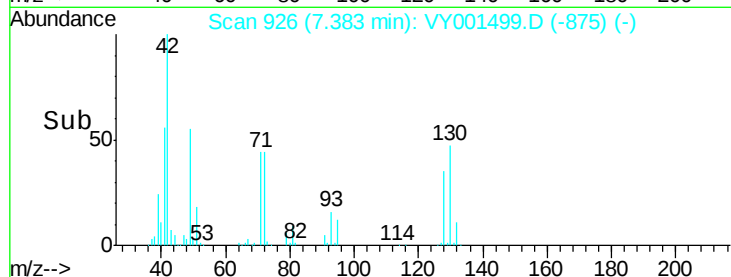
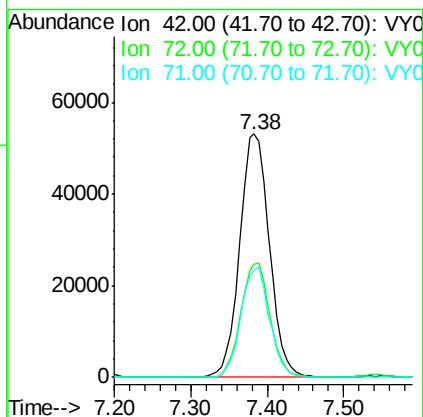
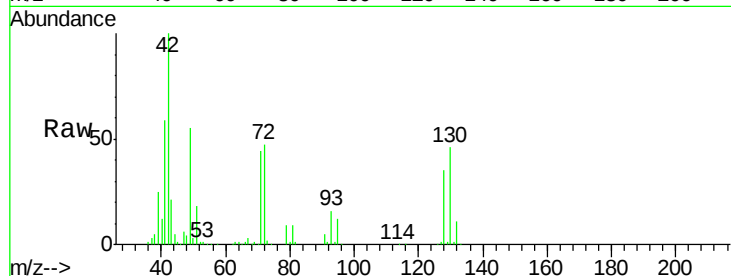




#29
Tetrahydrofuran
Concen: 265.96 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

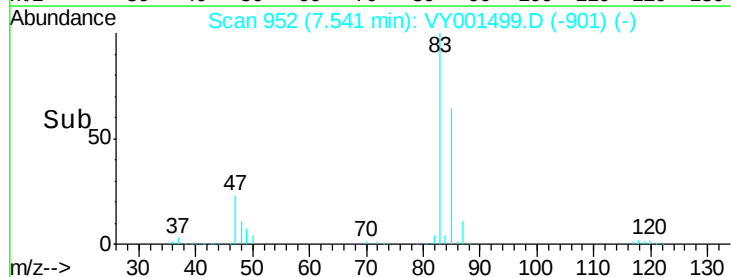
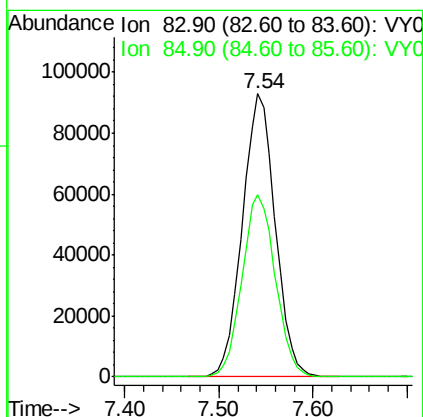
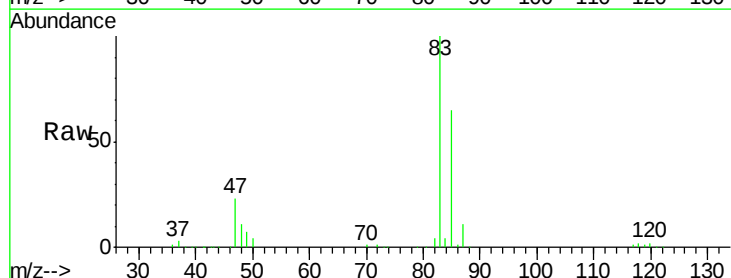
Instrument :
MSVOA_Y
ClientSampled :
BFB

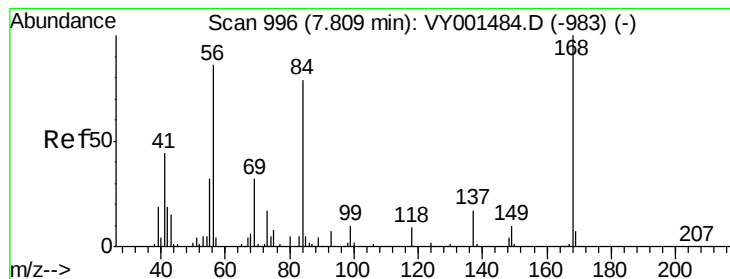
Tgt Ion: 42 Resp: 143724
Ion Ratio Lower Upper
42 100
72 46.1 37.8 56.6
71 43.3 34.8 52.2



#30
Chloroform
Concen: 49.00 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

Tgt Ion: 83 Resp: 227002
Ion Ratio Lower Upper
83 100
85 64.5 52.4 78.6





#31

Cyclohexane

Concen: 49.24 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampled :

BFB

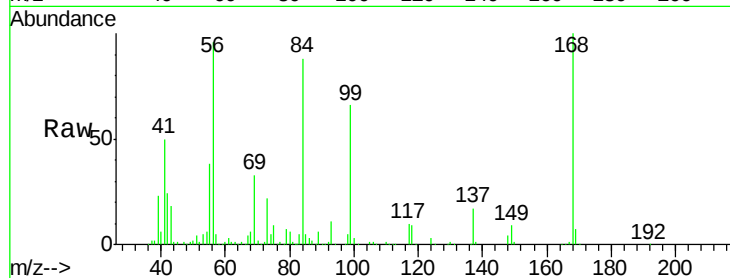
Tgt Ion: 56 Resp: 230364

Ion Ratio Lower Upper

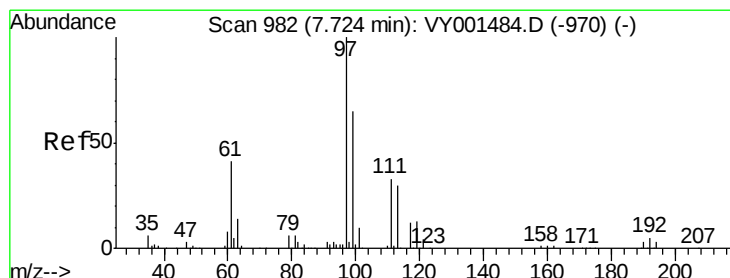
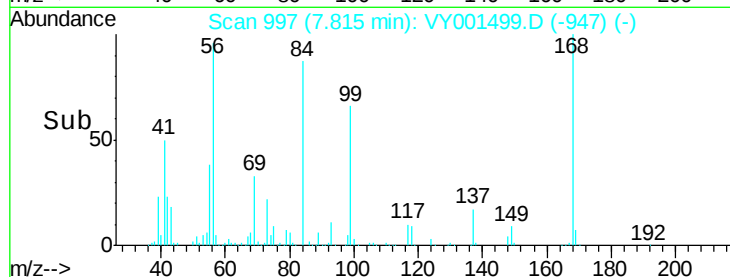
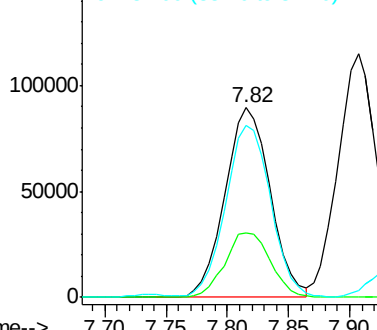
56 100

69 34.3 29.6 44.4

84 89.8 73.6 110.4



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 48.74 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

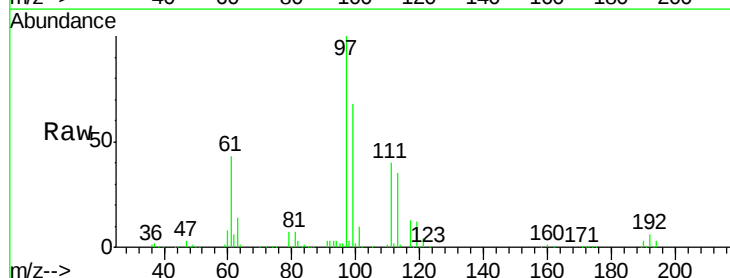
Tgt Ion: 97 Resp: 204716

Ion Ratio Lower Upper

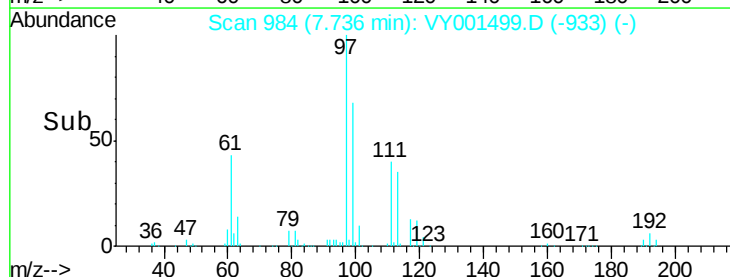
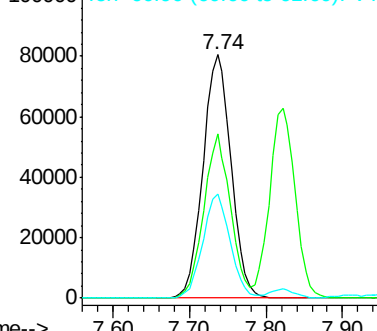
97 100

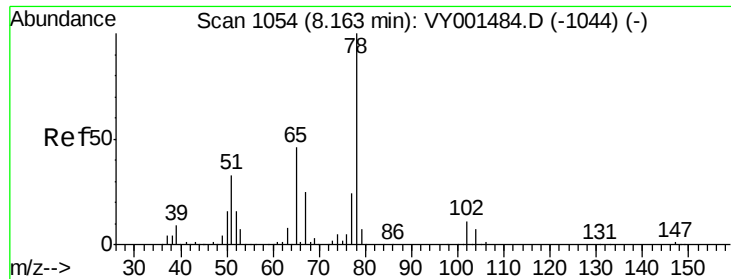
99 64.1 51.8 77.8

61 41.7 32.5 48.7



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 52.66 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

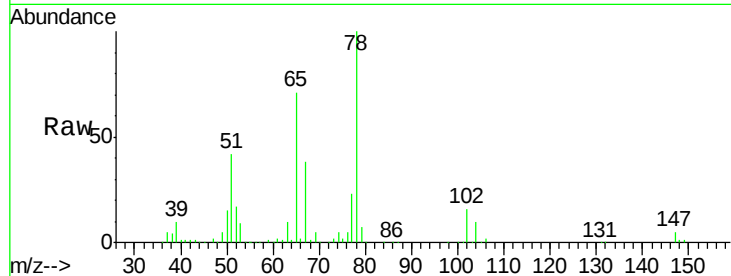
BFB

Tgt Ion: 65 Resp: 126530

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001499.D (-1055) (-)

Ion 66.90 (66.60 to 67.60): VY001499.D (-1055) (-)

8.17

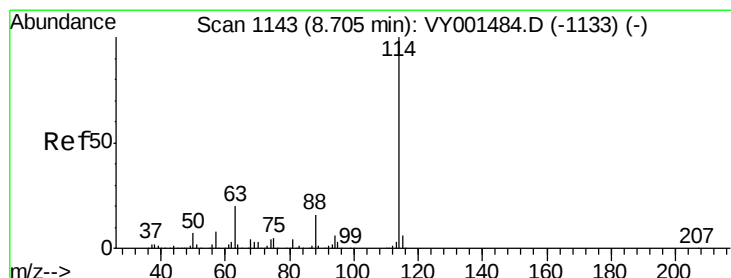
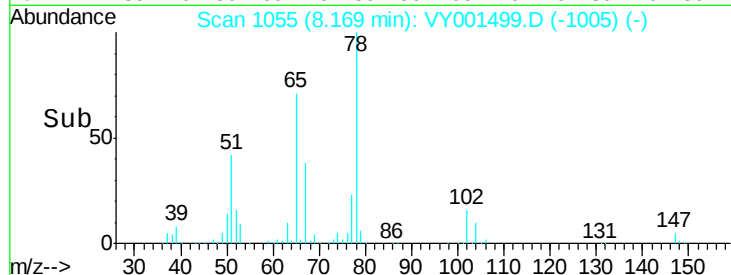
60000

40000

20000

0

Time--> 8.05 8.10 8.15 8.20 8.25



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

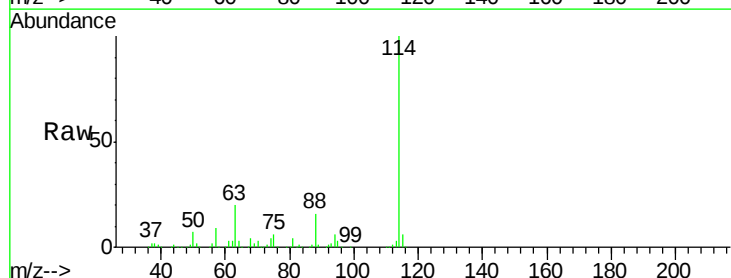
Tgt Ion: 114 Resp: 416378

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 16.5 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VY001499.D (-1094) (-)

Ion 63.00 (62.70 to 63.70): VY001499.D (-1094) (-)

Ion 87.90 (87.60 to 88.60): VY001499.D (-1094) (-)

8.72

250000

200000

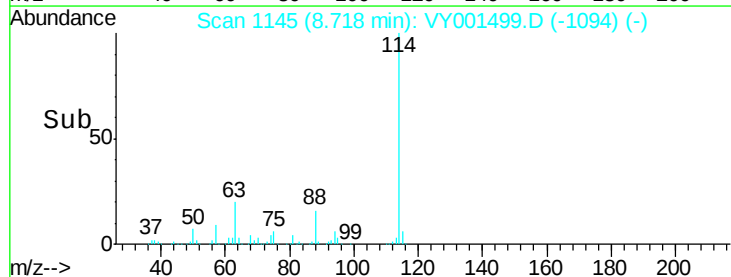
150000

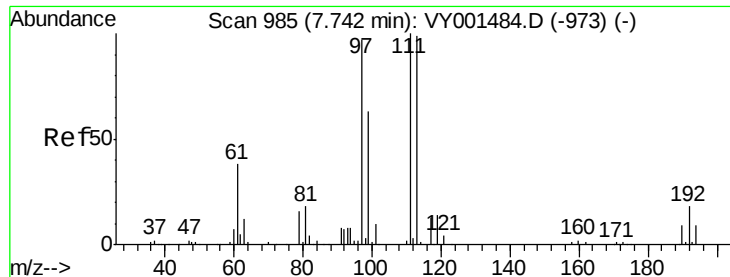
100000

50000

0

Time--> 8.60 8.65 8.70 8.75 8.80

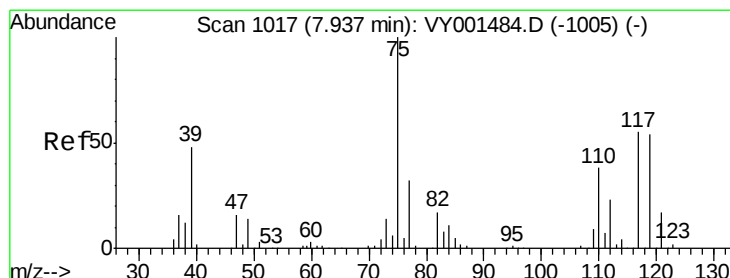
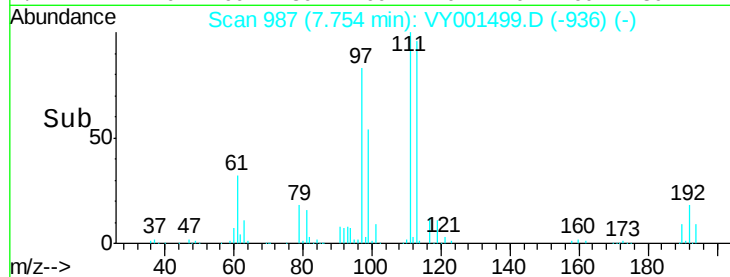
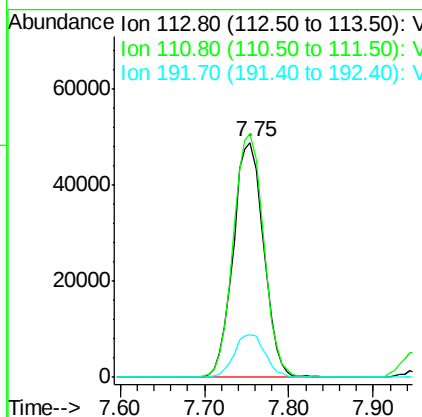
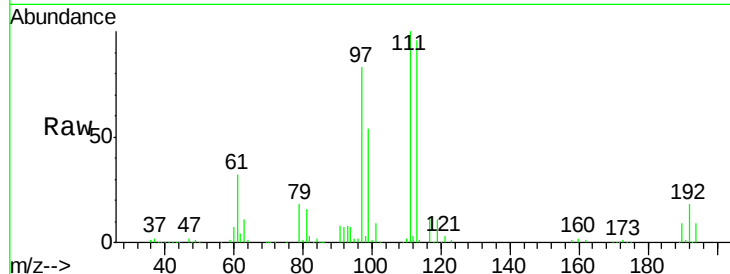




#35
 Dibromofluoromethane
 Concen: 49.62 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

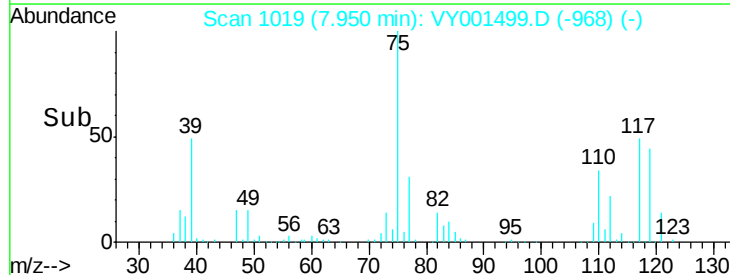
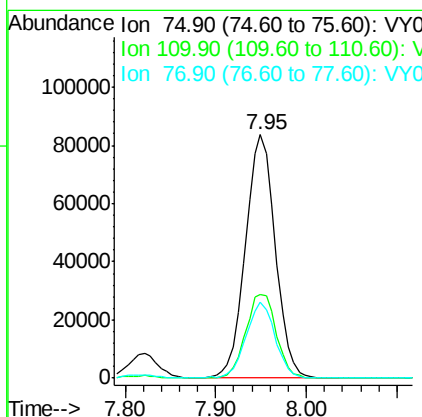
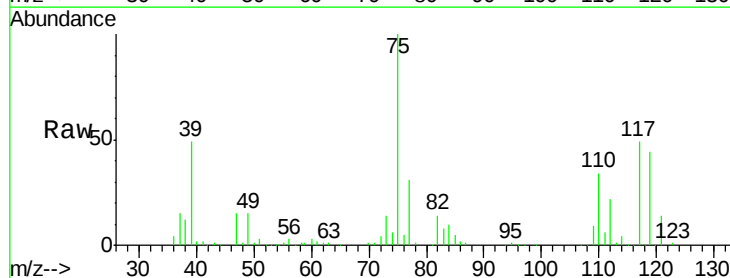
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

Tgt Ion:113 Resp: 119150
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.9 124.3
 192 18.5 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 50.10 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

Tgt Ion: 75 Resp: 190844
 Ion Ratio Lower Upper
 75 100
 110 35.3 18.2 54.6
 77 30.7 25.0 37.4

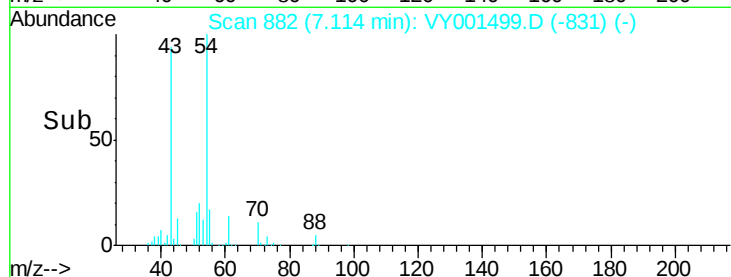
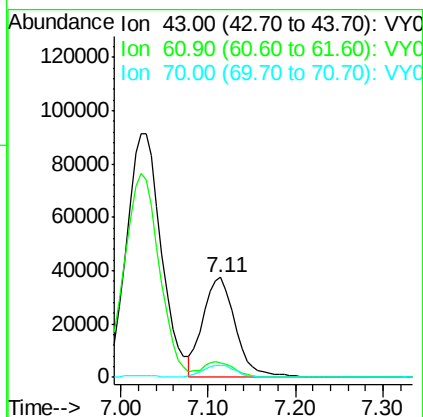
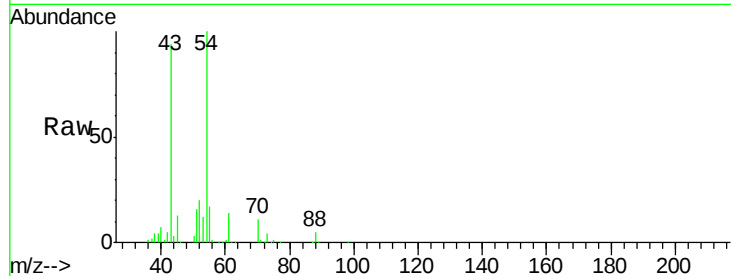




#37
 Ethyl Acetate
 Concen: 52.71 ug/l
 RT: 7.11 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

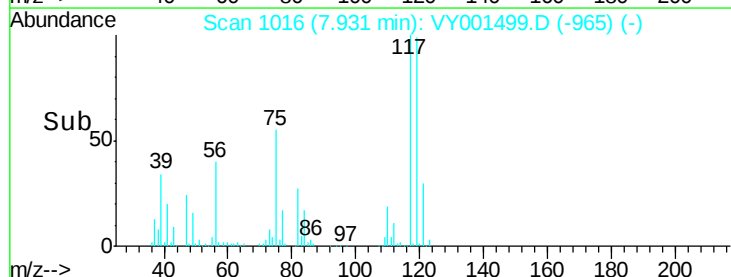
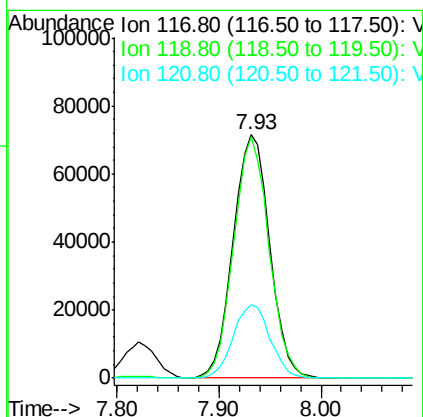
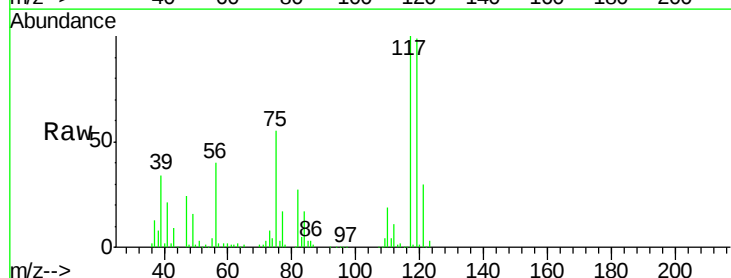
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

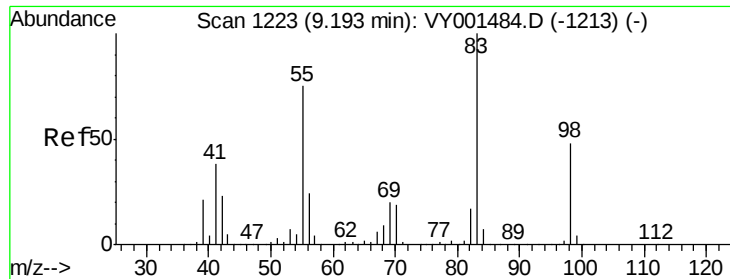
Tgt Ion: 43 Resp: 97190
 Ion Ratio Lower Upper
 43 100
 61 14.6 12.0 18.0
 70 12.1 10.2 15.4



#38
 Carbon Tetrachloride
 Concen: 48.31 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

Tgt Ion: 117 Resp: 178024
 Ion Ratio Lower Upper
 117 100
 119 99.1 76.4 114.6
 121 30.3 24.2 36.4

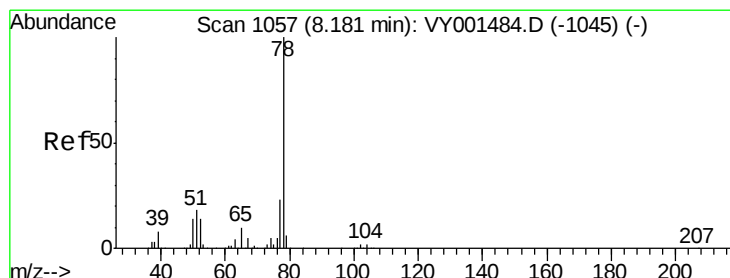
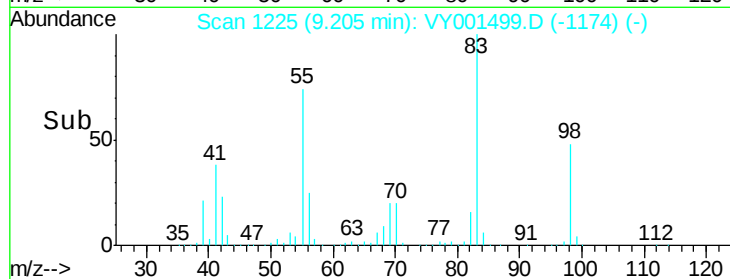
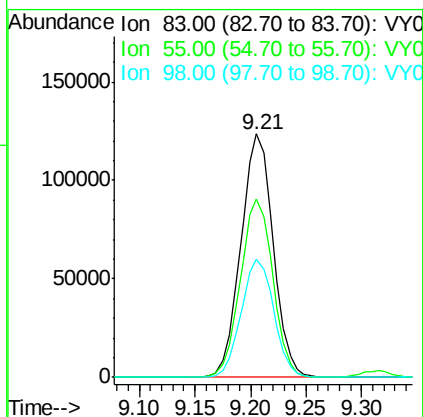
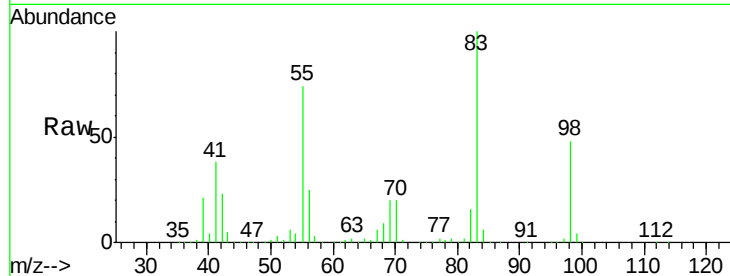




#39
Methylcyclohexane
Concen: 49.63 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

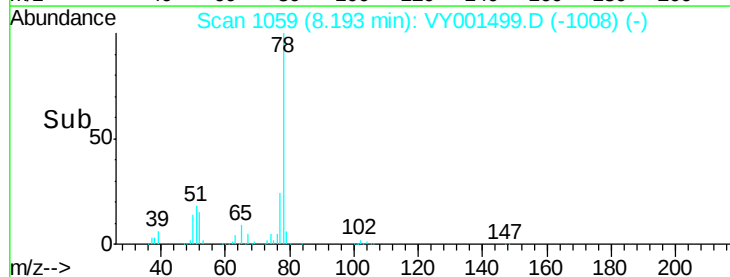
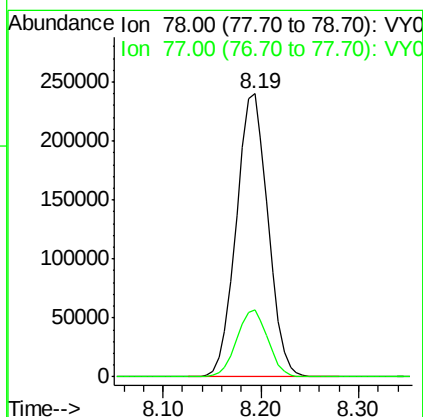
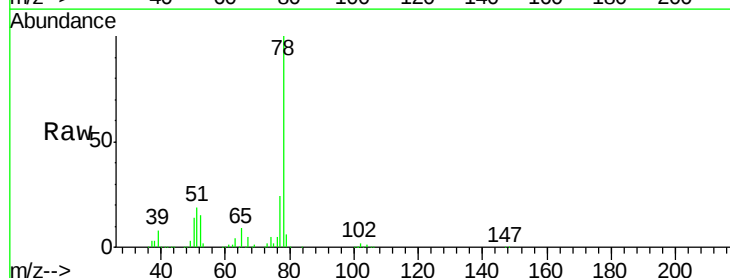
Instrument :
MSVOA_Y
ClientSampleId :
BFB

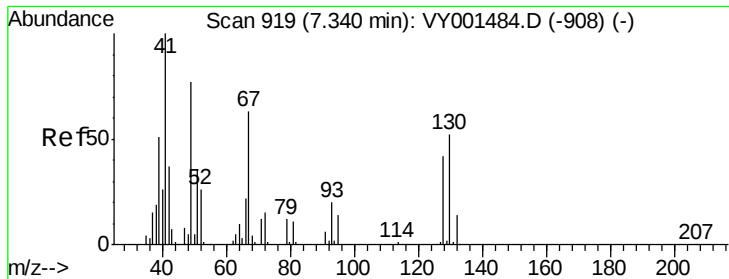
Tgt Ion: 83 Resp: 248903
Ion Ratio Lower Upper
83 100
55 73.5 59.8 89.6
98 48.4 38.6 57.8



#40
Benzene
Concen: 49.49 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

Tgt Ion: 78 Resp: 537703
Ion Ratio Lower Upper
78 100
77 23.6 18.5 27.7





#41

Methacrylonitrile

Concen: 154.75 ug/l

RT: 7.38 min Scan# 926

Delta R.T. 0.04 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampled :

BFB

Tgt Ion: 41 Resp: 132254

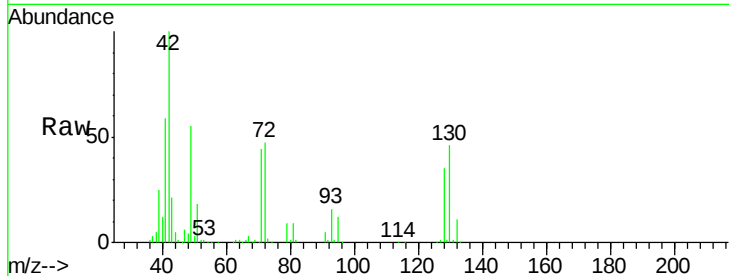
Ion Ratio Lower Upper

41 100

39 0.0 116.8 175.2#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

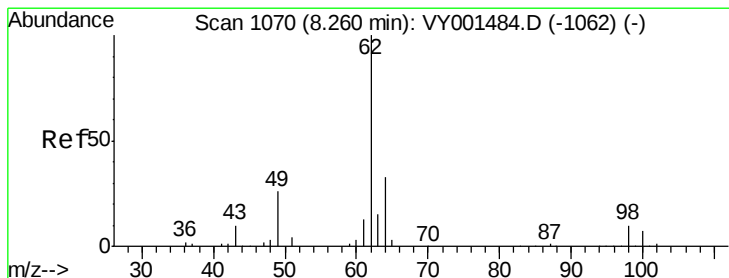
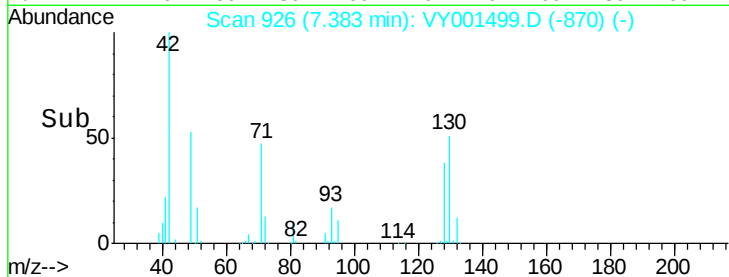
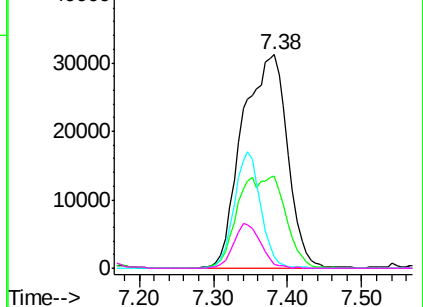


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 48.87 ug/l

RT: 8.27 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VY001499.D

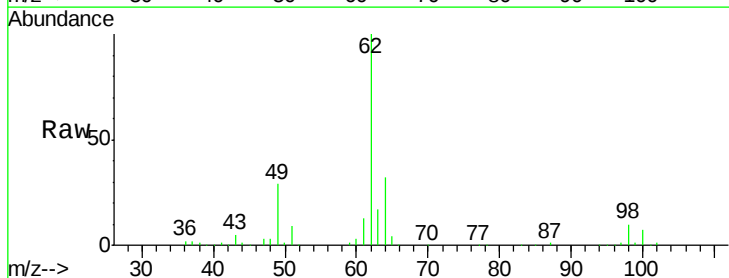
Acq: 05 Feb 2020 10:43

Tgt Ion: 62 Resp: 147920

Ion Ratio Lower Upper

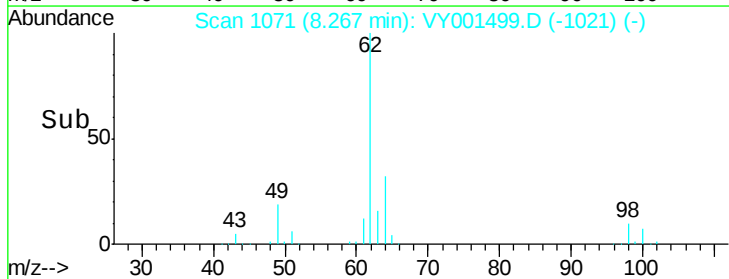
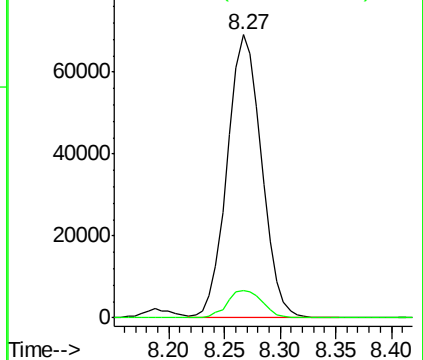
62 100

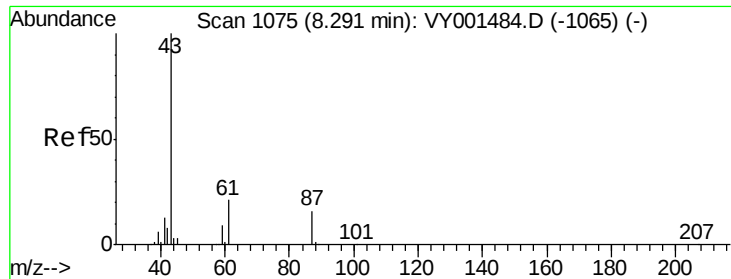
98 10.0 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

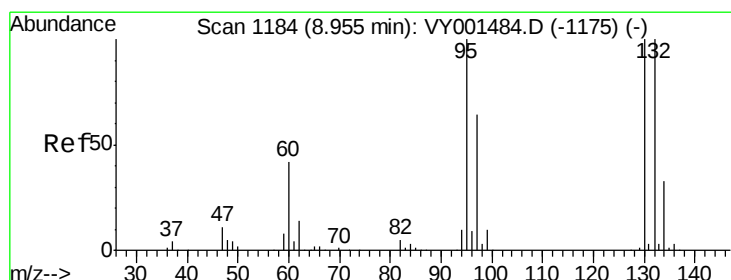
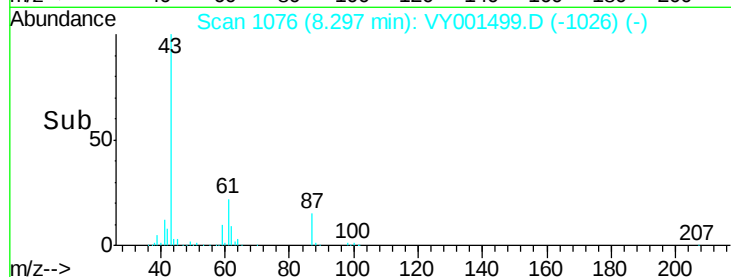
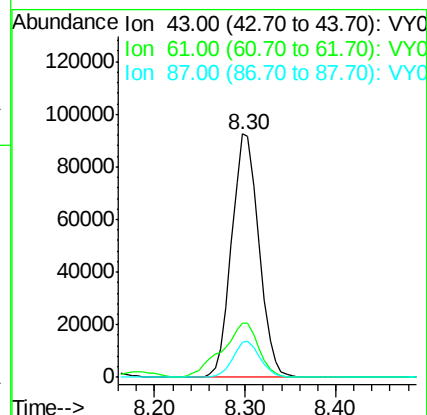
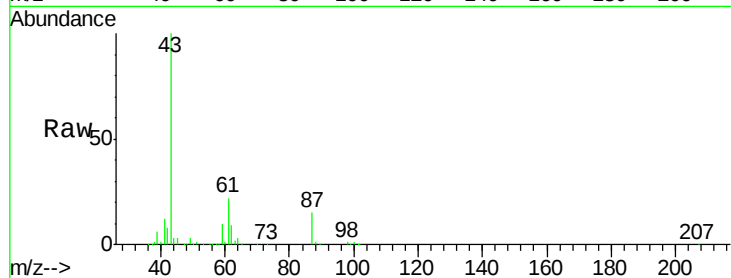




#43
Isopropyl Acetate
Concen: 53.10 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

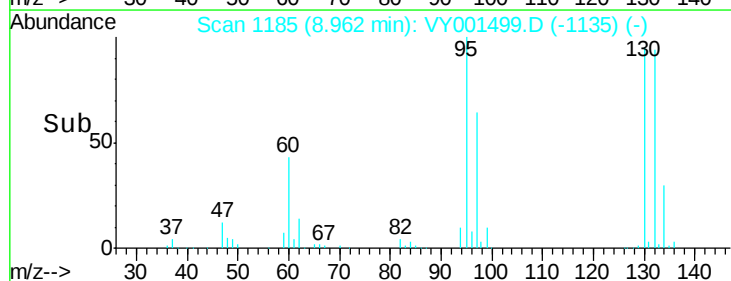
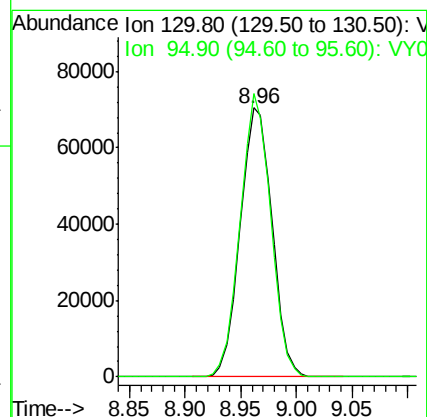
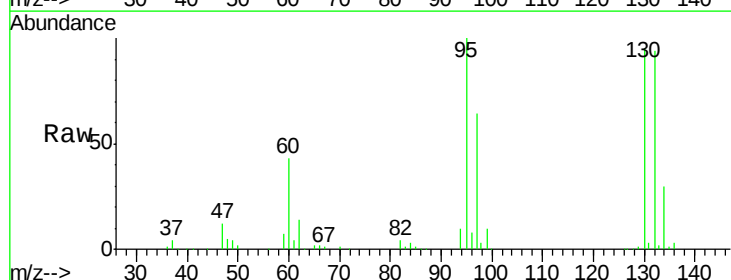
Instrument :
MSVOA_Y
ClientSampleId :
BFB

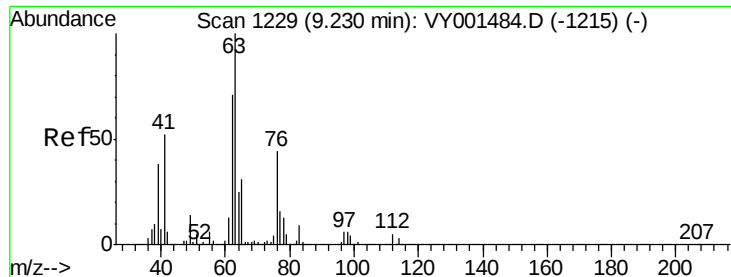
Tgt Ion: 43 Resp: 193847
Ion Ratio Lower Upper
43 100
61 30.0 25.1 37.7
87 14.6 12.6 19.0



#44
Trichloroethene
Concen: 47.70 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

Tgt Ion: 130 Resp: 139701
Ion Ratio Lower Upper
130 100
95 105.2 0.0 199.2





#45

1,2-Dichloropropane

Concen: 50.36 ug/l

RT: 9.24 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

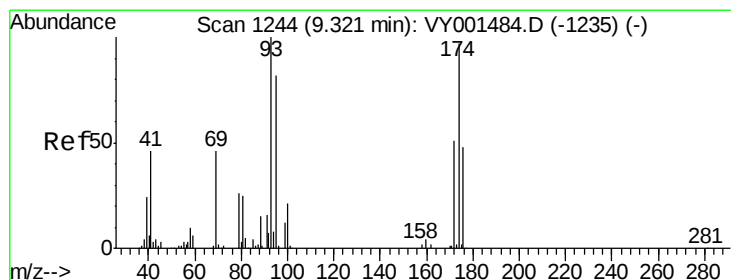
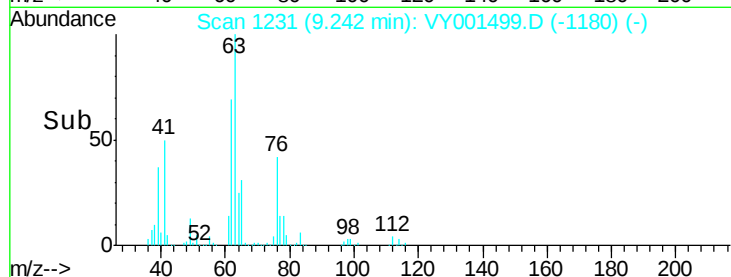
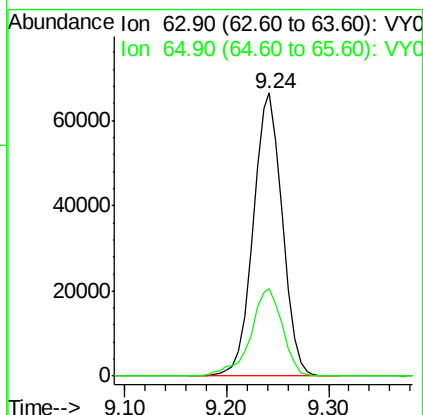
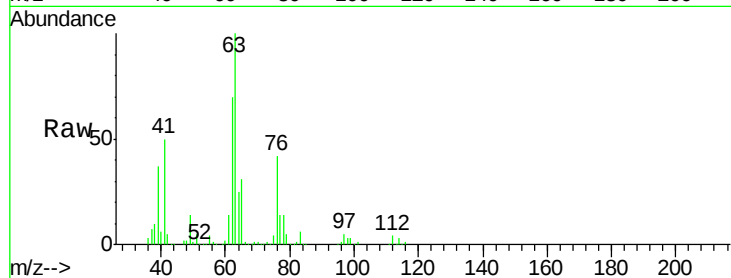
BFB

Tgt Ion: 63 Resp: 132125

Ion Ratio Lower Upper

63 100

65 30.8 25.0 37.4



#46

Dibromomethane

Concen: 49.34 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

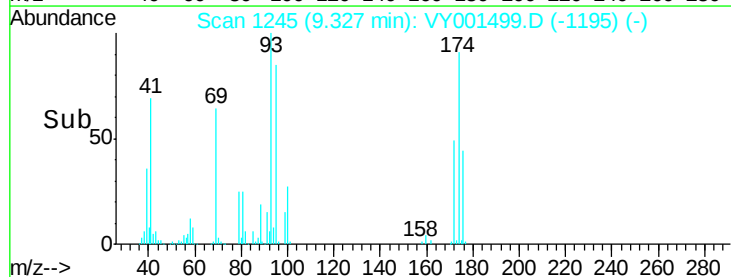
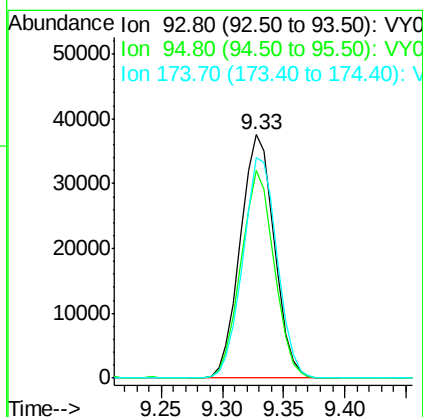
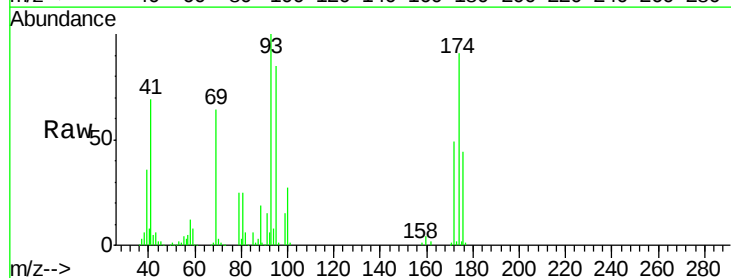
Tgt Ion: 93 Resp: 72680

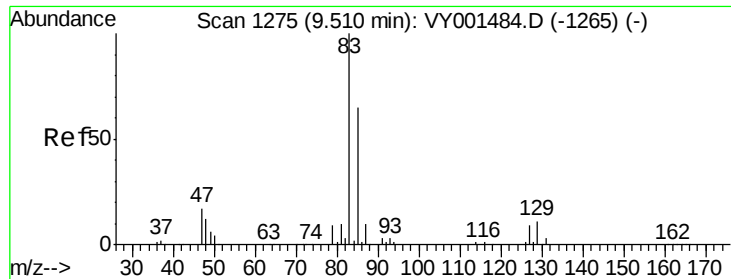
Ion Ratio Lower Upper

93 100

95 83.1 66.6 99.8

174 91.4 75.4 113.2





#47

Bromodichloromethane

Concen: 49.66 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

BFB

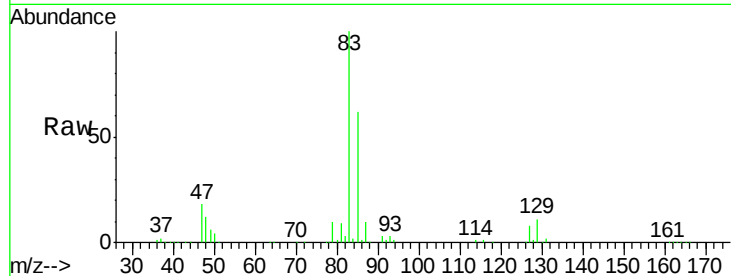
Tgt Ion: 83 Resp: 178263

Ion Ratio Lower Upper

83 100

85 62.0 51.9 77.9

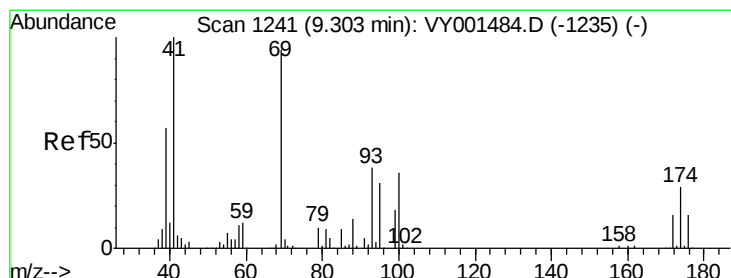
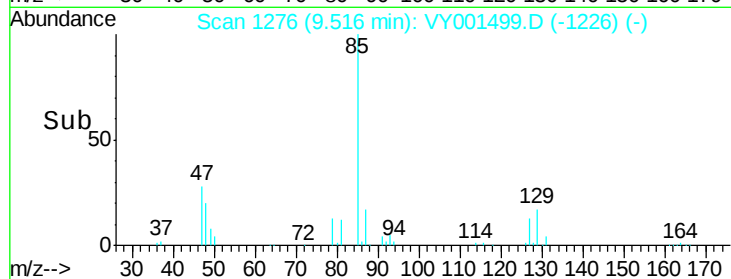
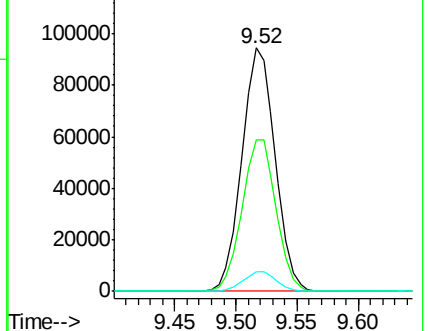
127 7.9 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 53.99 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

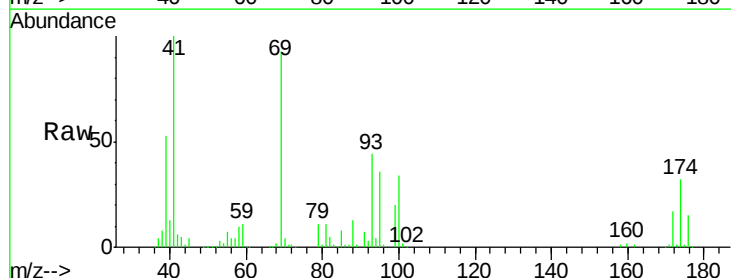
Tgt Ion: 41 Resp: 89458

Ion Ratio Lower Upper

41 100

69 91.6 76.6 114.8

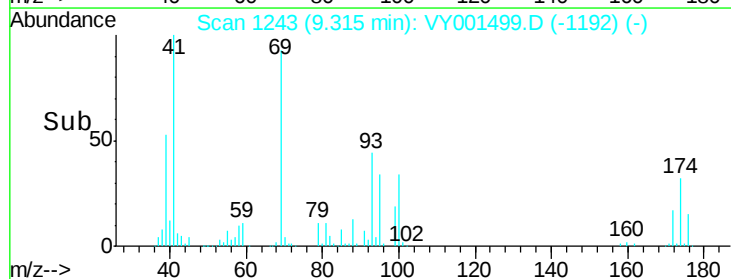
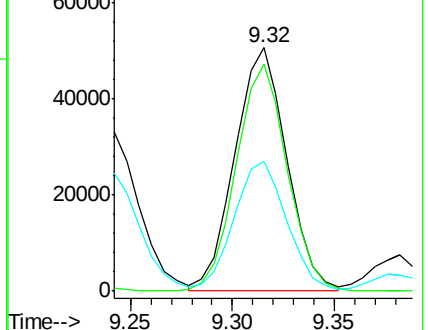
39 51.8 45.4 68.0

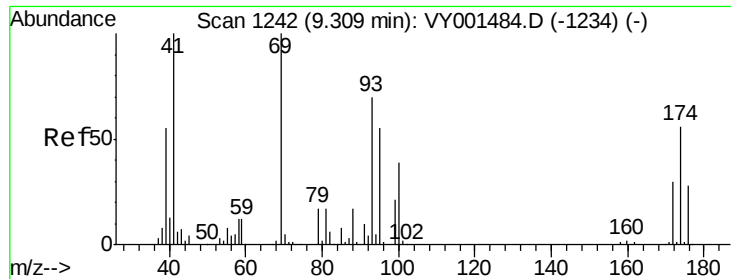


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

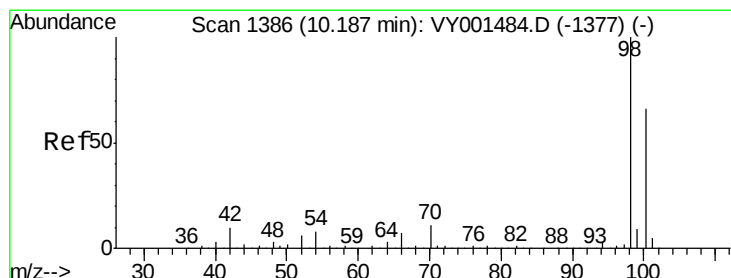
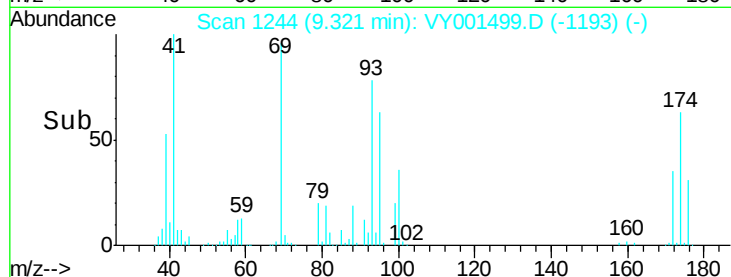
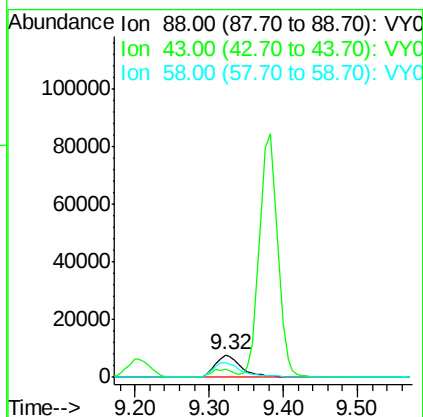
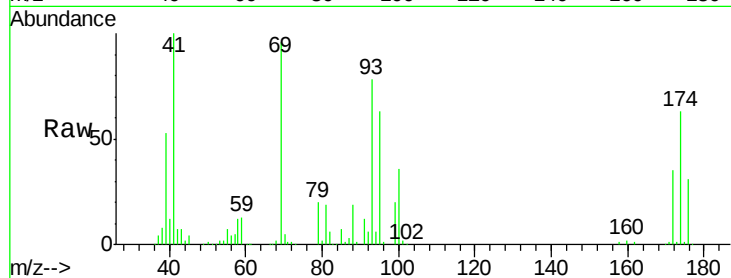




#49
1,4-Dioxane
Concen: 992.87 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

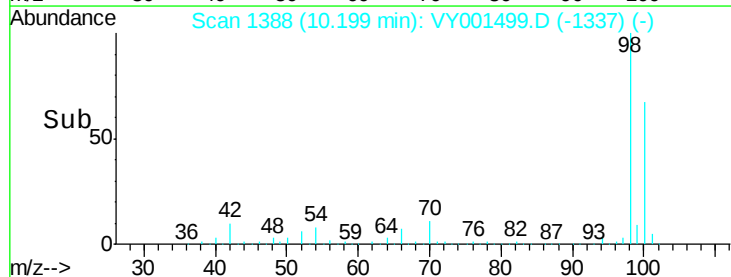
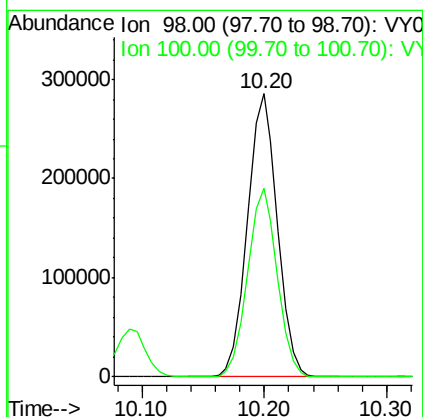
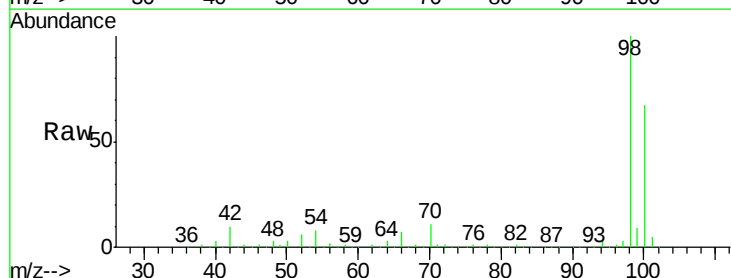
Instrument :
MSVOA_Y
ClientSampled :
BFB

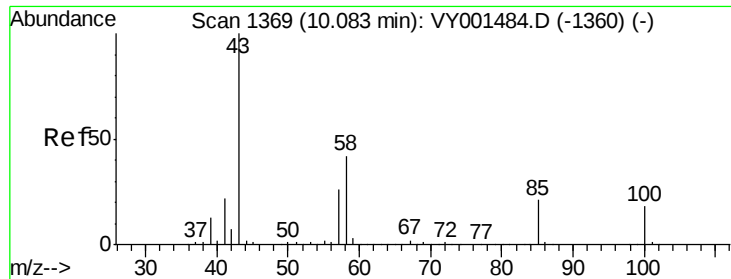
Tgt Ion: 88 Resp: 19317
Ion Ratio Lower Upper
88 100
43 28.3 24.8 37.2
58 70.6 59.3 88.9



#50
Toluene-d8
Concen: 53.35 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

Tgt Ion: 98 Resp: 484662
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6

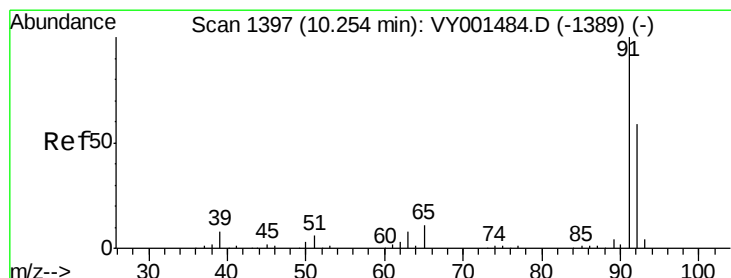
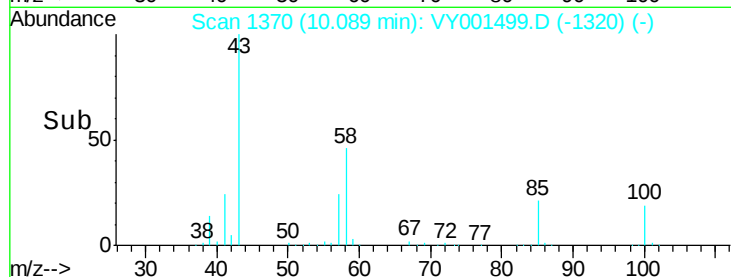
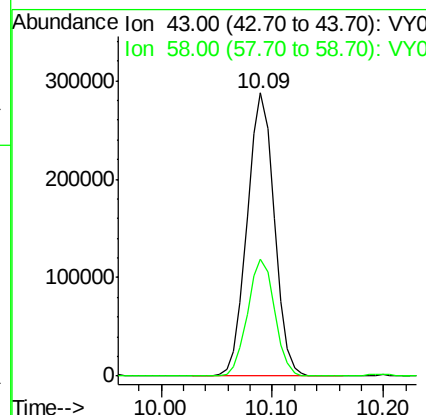
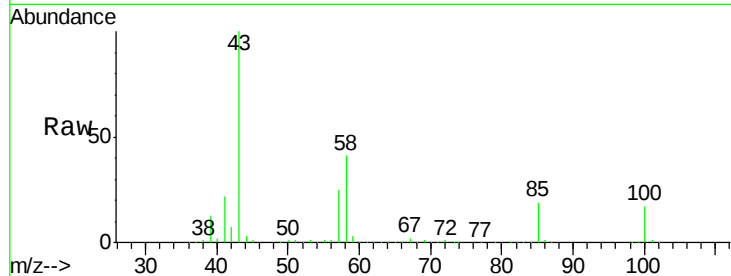




#51
 4-Methyl-2-Pentanone
 Concen: 271.12 ug/l
 RT: 10.09 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

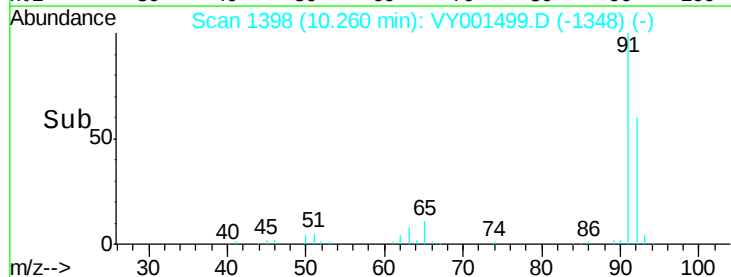
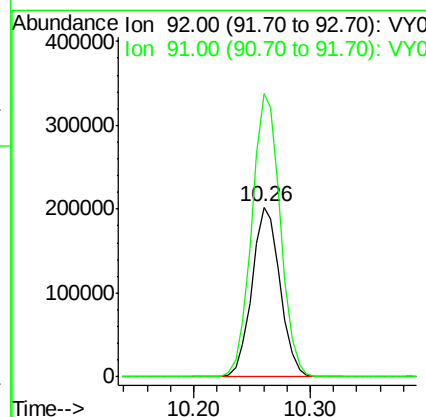
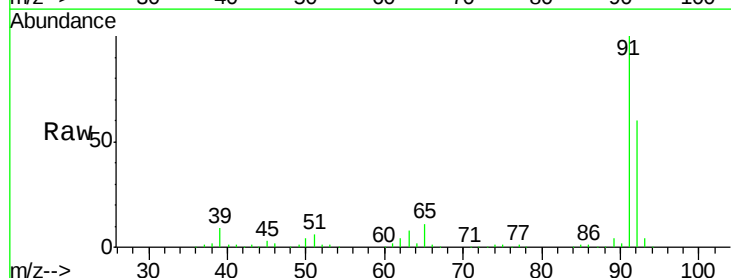
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

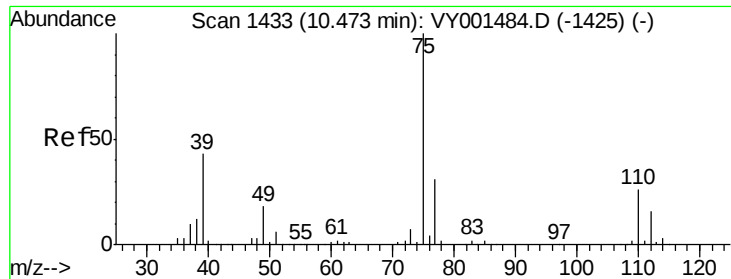
Tgt Ion: 43 Resp: 487467
 Ion Ratio Lower Upper
 43 100
 58 41.2 33.9 50.9



#52
 Toluene
 Concen: 49.09 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

Tgt Ion: 92 Resp: 338415
 Ion Ratio Lower Upper
 92 100
 91 169.6 136.6 204.8

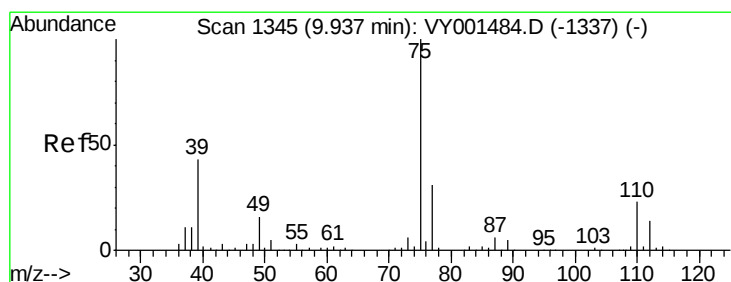
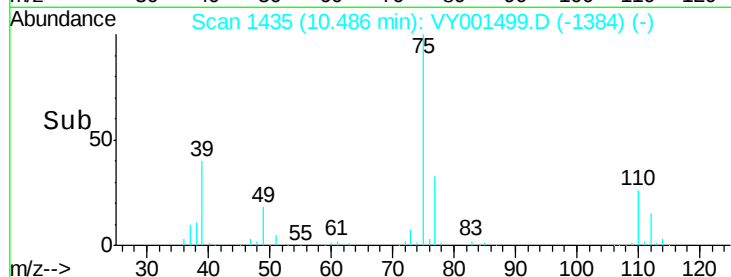
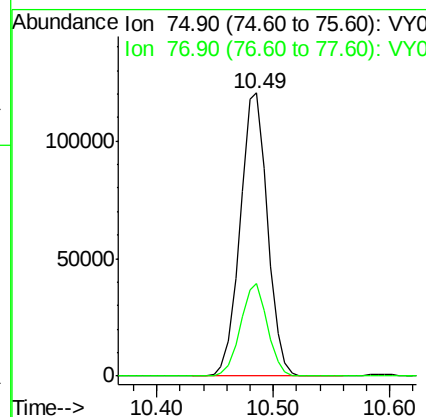
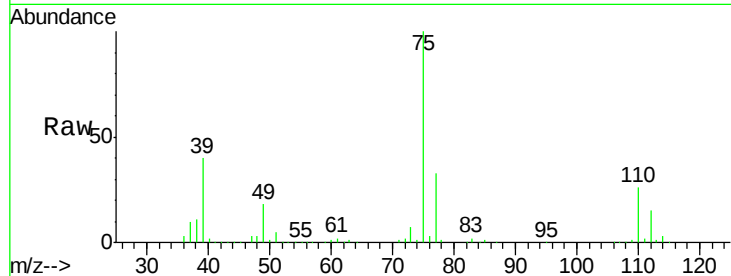




#53
 t-1,3-Dichloropropene
 Concen: 50.41 ug/l
 RT: 10.49 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

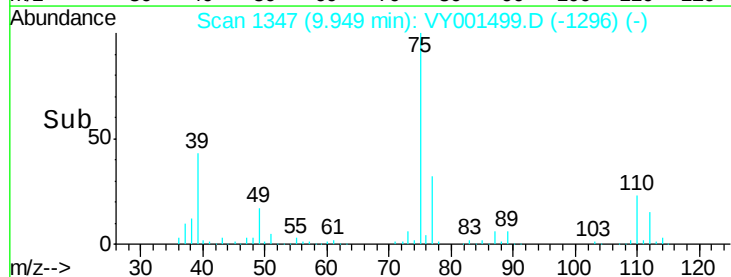
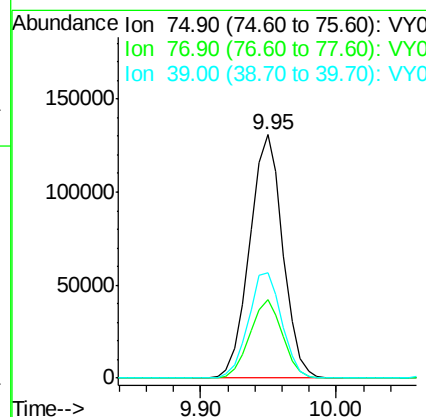
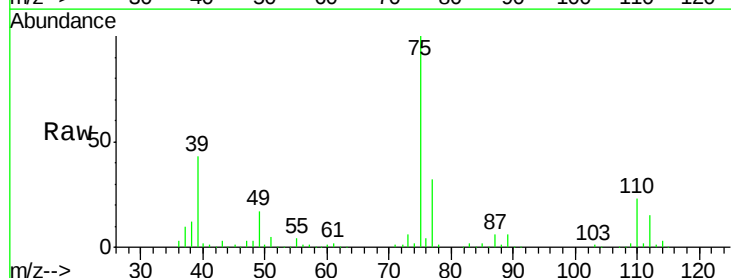
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

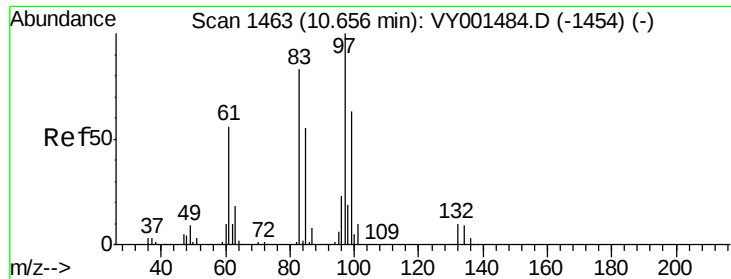
Tgt Ion: 75 Resp: 197094
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 49.70 ug/l
 RT: 9.95 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

Tgt Ion: 75 Resp: 223085
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.7 37.1
 39 43.3 34.0 51.0





#55

1,1,2-Trichloroethane

Concen: 49.76 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

BFB

Tgt Ion: 97 Resp: 105180

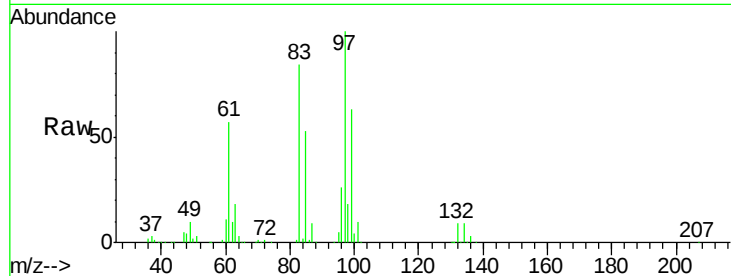
Ion Ratio Lower Upper

97 100

83 83.6 66.2 99.2

85 53.3 43.8 65.6

99 62.5 50.1 75.1

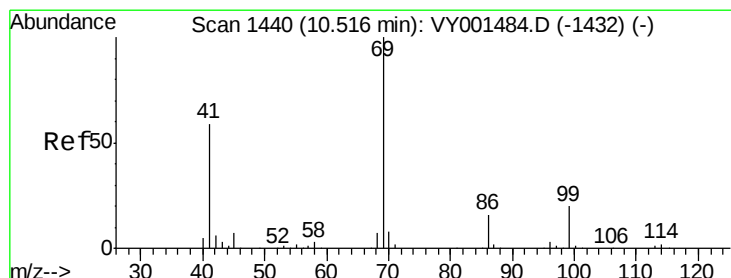
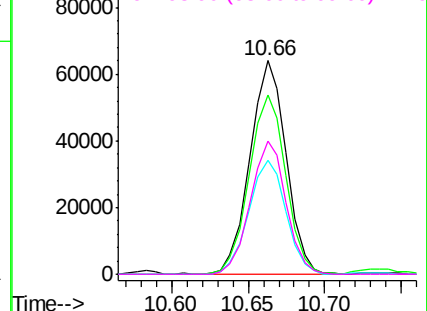
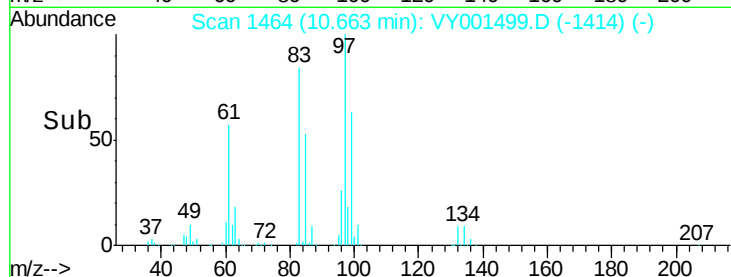


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 51.97 ug/l

RT: 10.53 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

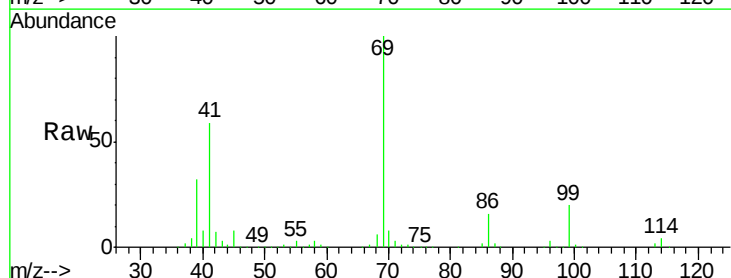
Tgt Ion: 69 Resp: 156236

Ion Ratio Lower Upper

69 100

41 61.4 47.8 71.8

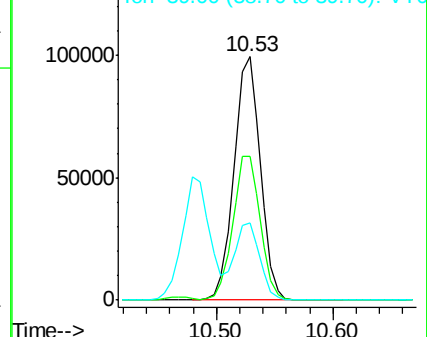
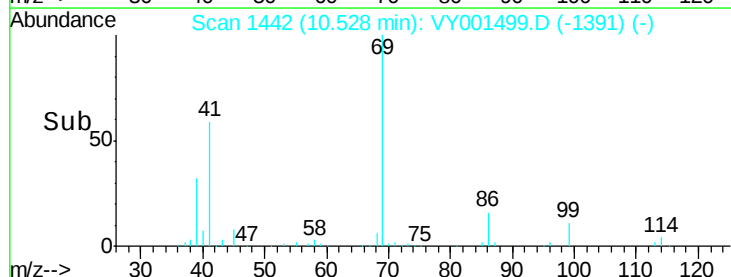
39 31.4 24.4 36.6

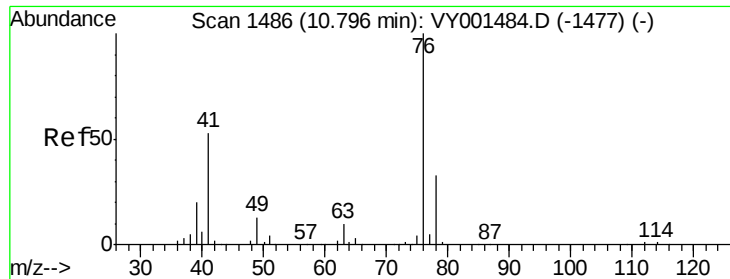


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

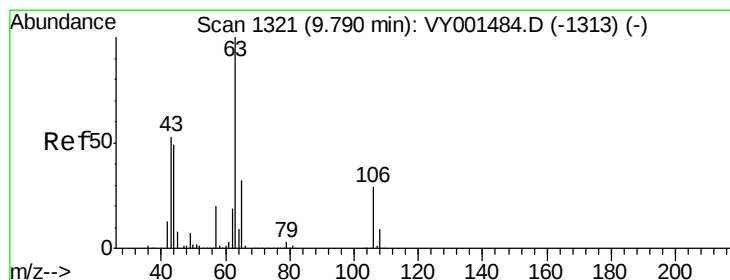
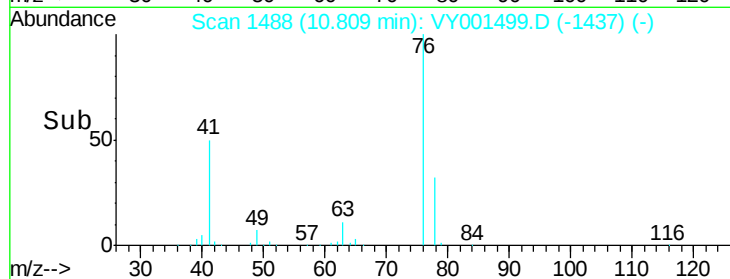
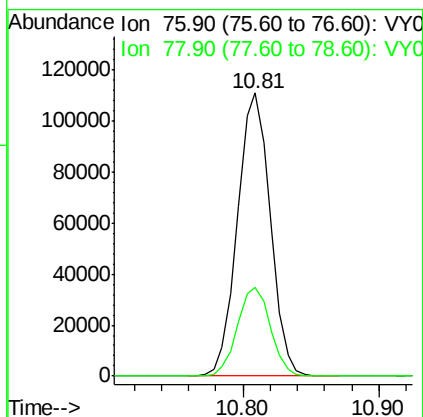
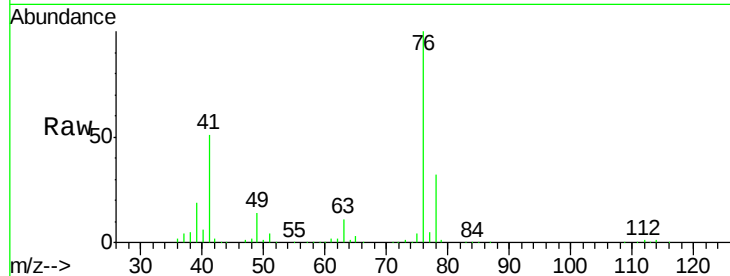




#57
 1,3-Dichloropropane
 Concen: 50.12 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

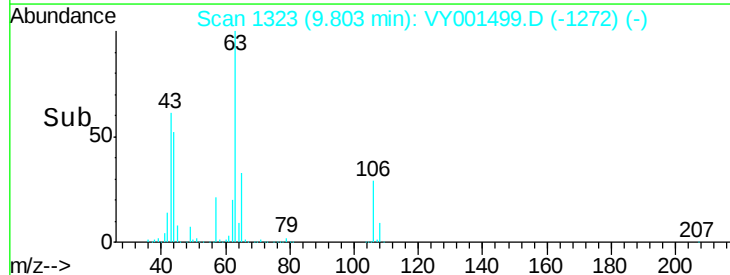
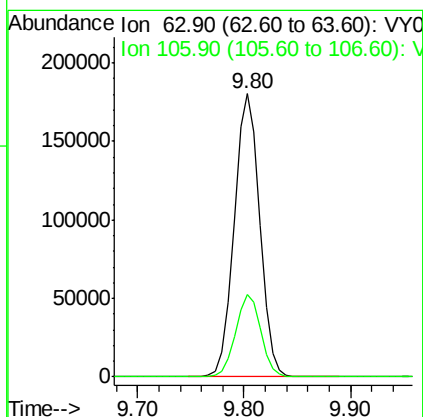
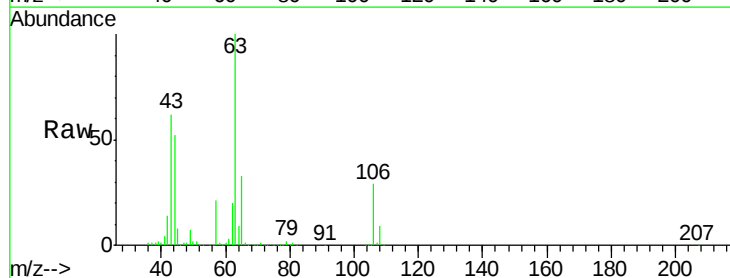
Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

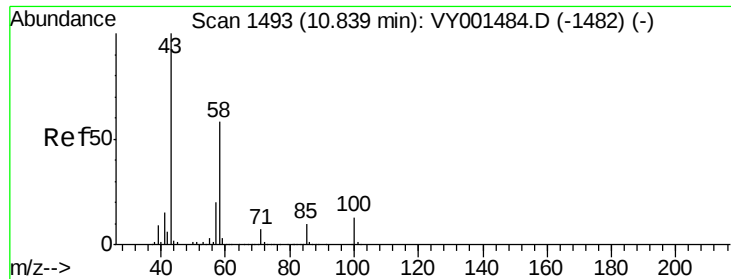
Tgt Ion: 76 Resp: 186755
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.54 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

Tgt Ion: 63 Resp: 302518
 Ion Ratio Lower Upper
 63 100
 106 28.7 24.0 36.0

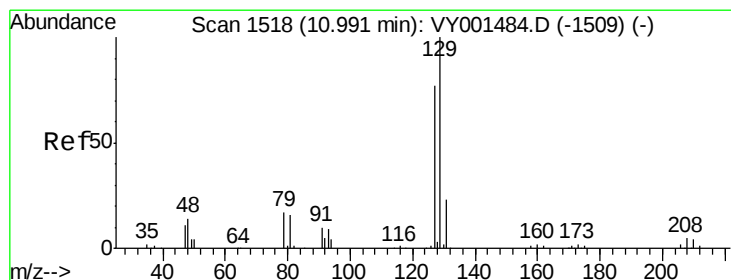
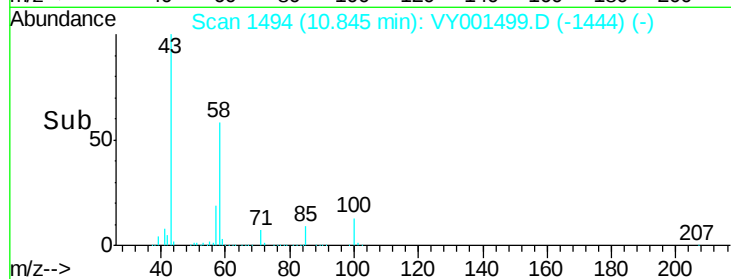
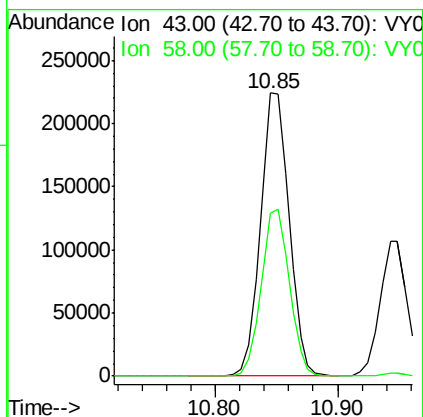
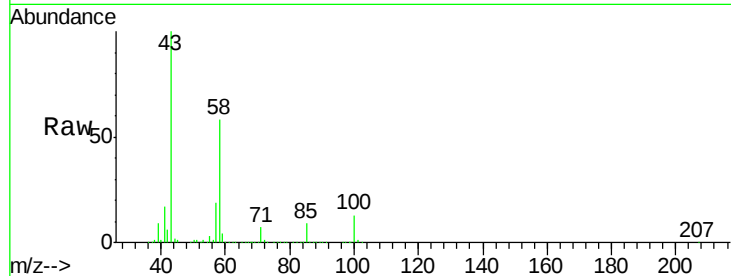




#59
2-Hexanone
Concen: 281.16 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

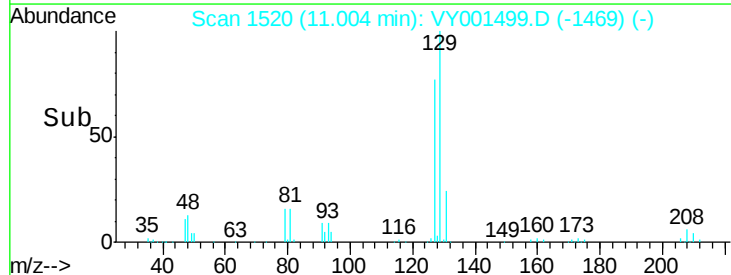
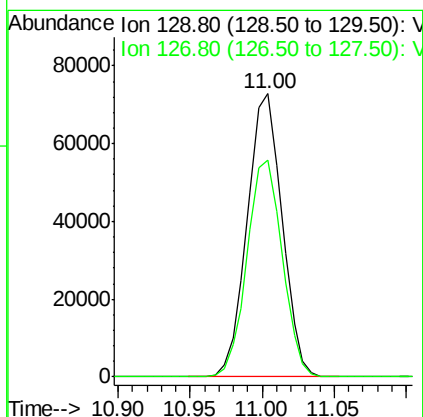
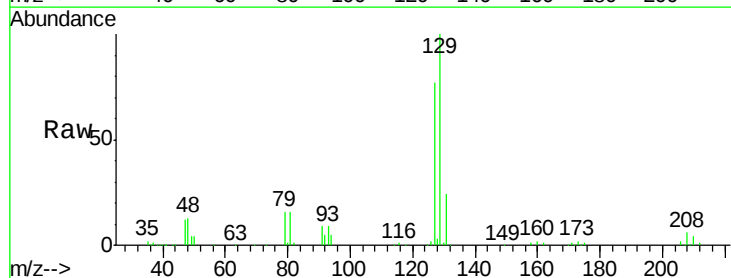
Instrument :
MSVOA_Y
ClientSampleId :
BFB

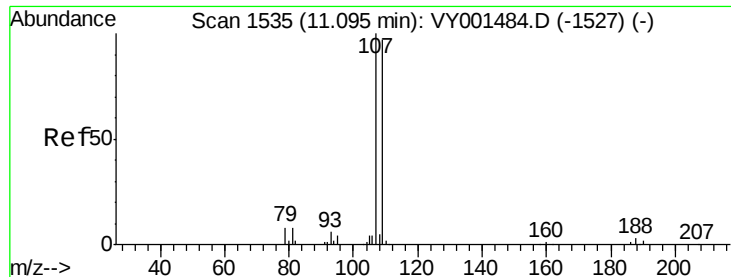
Tgt Ion: 43 Resp: 367558
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.0



#60
Dibromochloromethane
Concen: 49.02 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

Tgt Ion: 129 Resp: 122127
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6

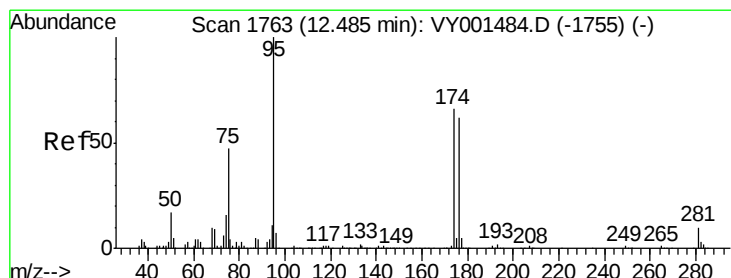
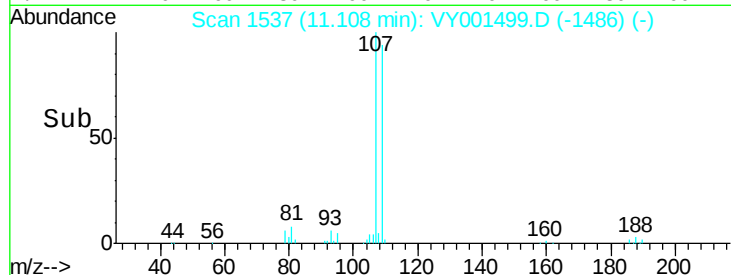
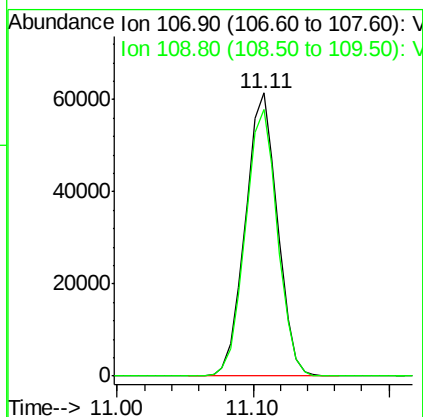
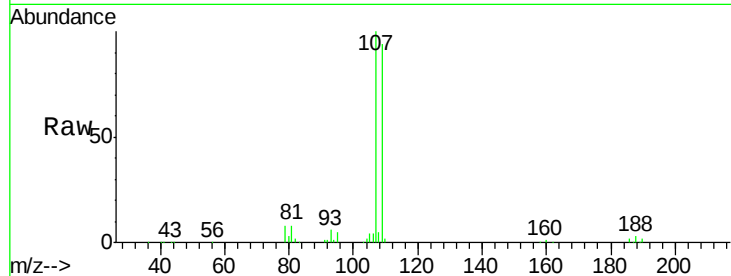




#61
 1,2-Dibromoethane
 Concen: 48.79 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

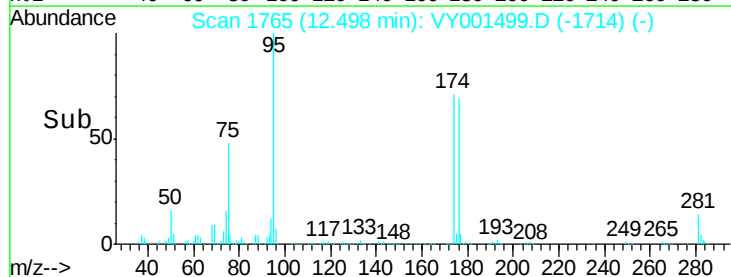
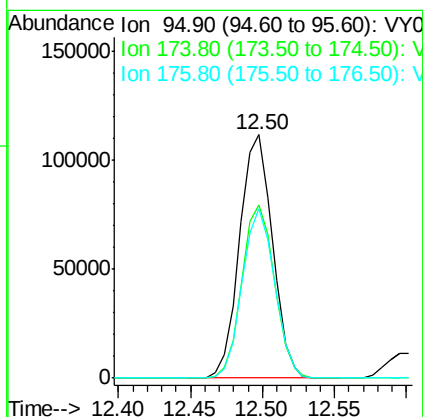
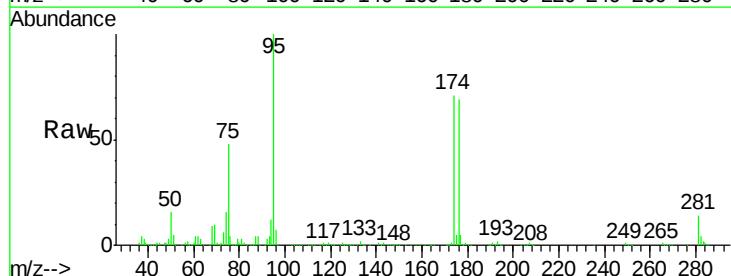
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

Tgt Ion: 107 Resp: 101568
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 49.36 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

Tgt Ion: 95 Resp: 176635
 Ion Ratio Lower Upper
 95 100
 174 70.8 0.0 141.4
 176 68.4 0.0 135.4

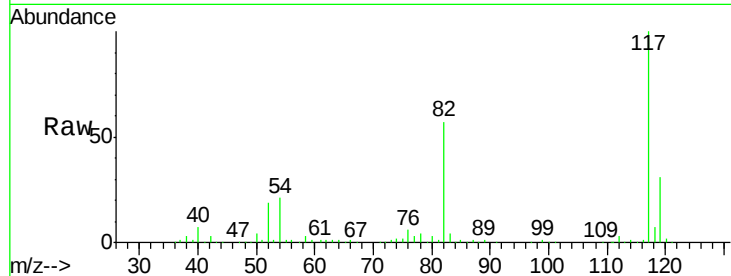




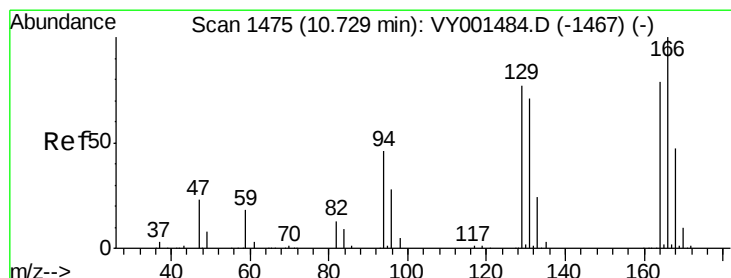
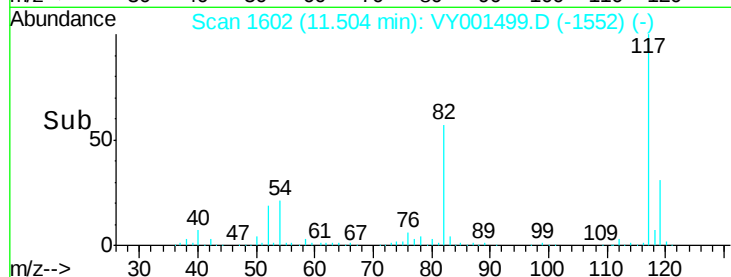
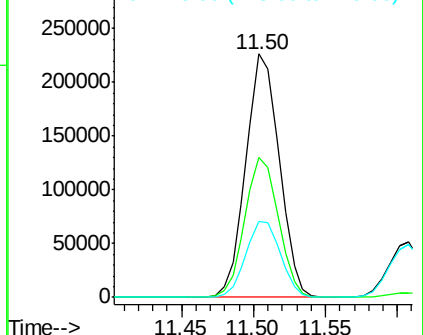
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Tgt Ion:117 Resp: 365183
Ion Ratio Lower Upper
117 100
82 57.5 46.1 69.1
119 31.3 26.1 39.1



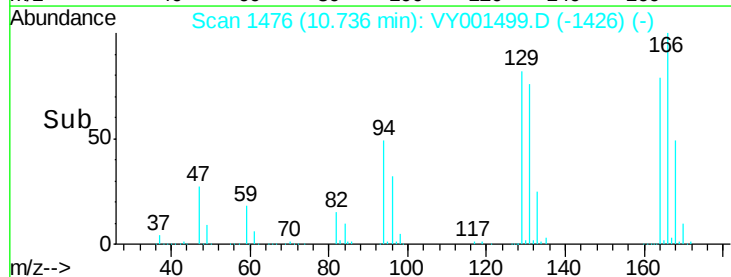
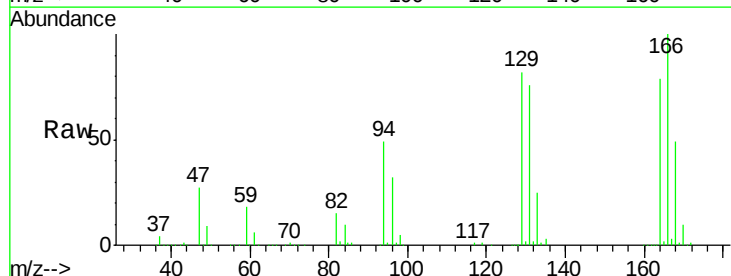
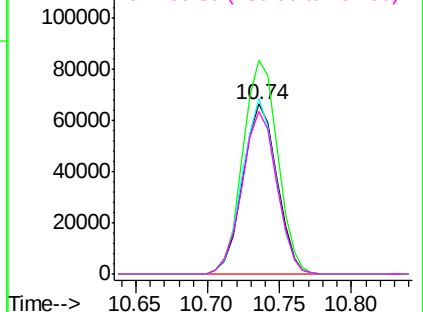
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

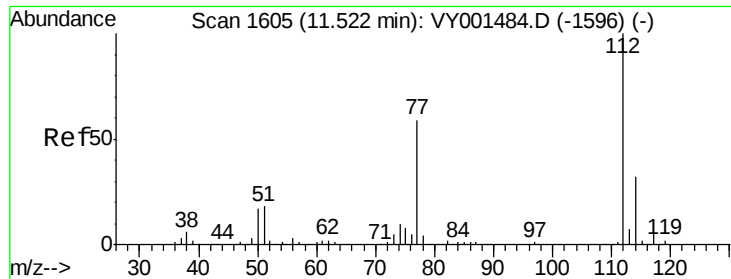


#64
Tetrachloroethene
Concen: 45.63 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

Tgt Ion:164 Resp: 109277
Ion Ratio Lower Upper
164 100
166 125.9 100.8 151.2
129 103.1 77.8 116.6
131 96.1 72.0 108.0

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





#65

Chlorobenzene

Concen: 48.50 ug/l

RT: 11.53 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

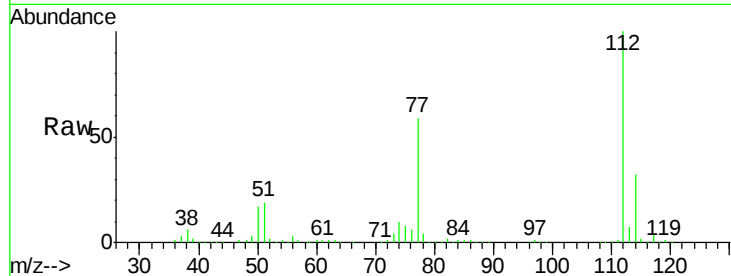
BFB

Tgt Ion:112 Resp: 347793

Ion Ratio Lower Upper

112 100

114 32.3 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.53

250000

200000

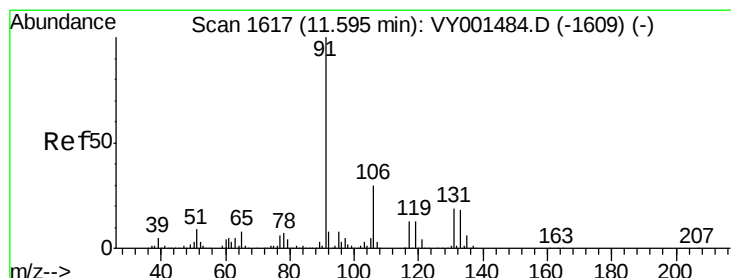
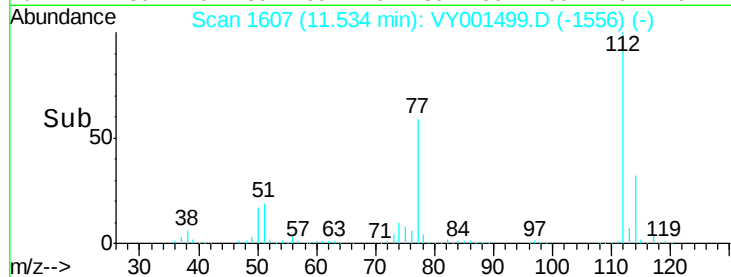
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 47.89 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

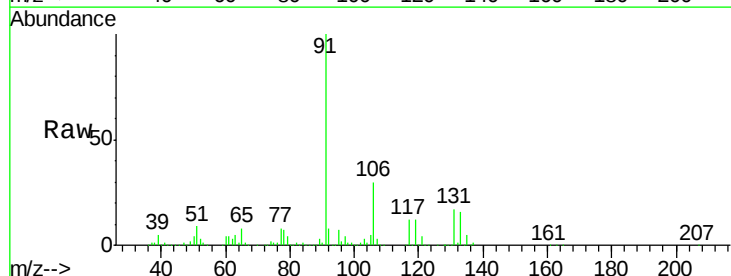
Tgt Ion:131 Resp: 120174

Ion Ratio Lower Upper

131 100

133 95.1 47.9 143.8

119 67.9 33.7 101.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.61

100000

80000

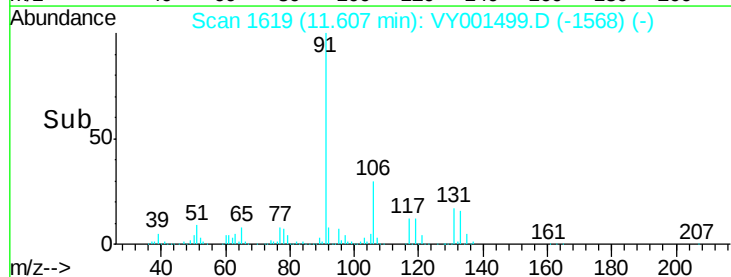
60000

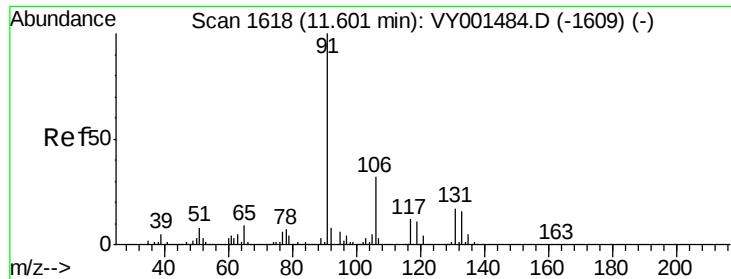
40000

20000

0

Time-->

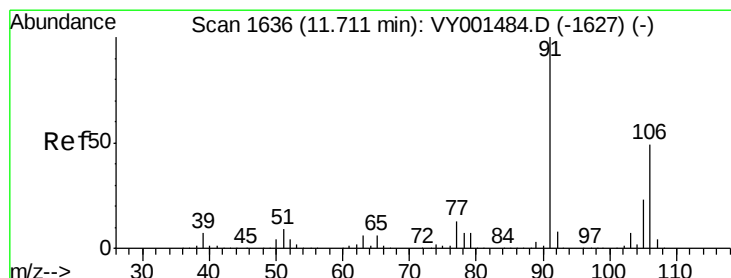
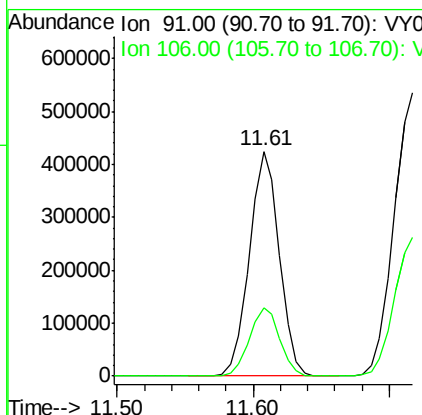
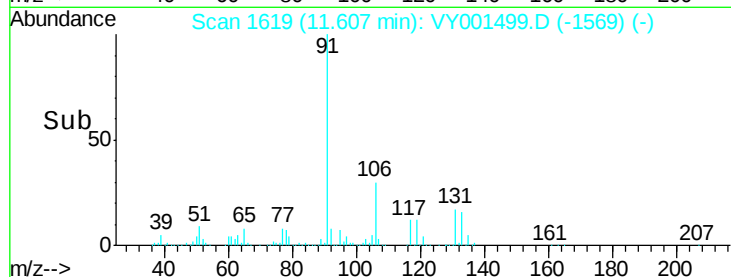
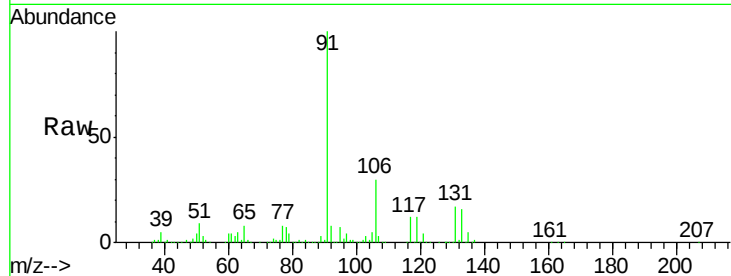




#67
Ethyl Benzene
Concen: 49.26 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

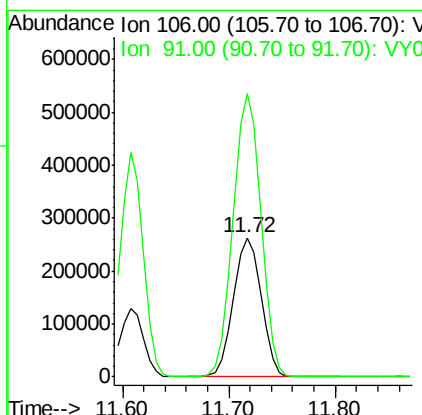
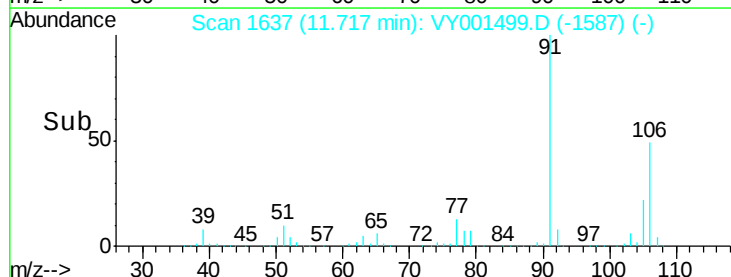
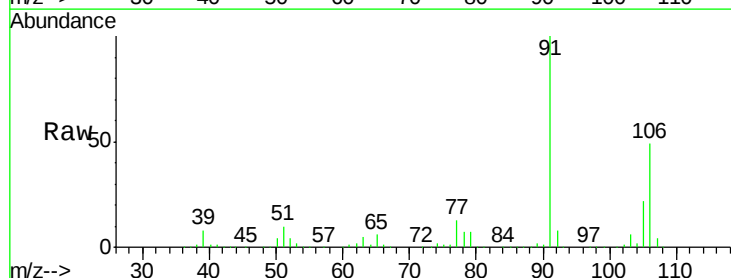
Instrument :
MSVOA_Y
ClientSampleId :
BFB

Tgt Ion: 91 Resp: 653009
Ion Ratio Lower Upper
91 100
106 30.2 25.3 37.9



#68
m/p-Xylenes
Concen: 97.41 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

Tgt Ion: 106 Resp: 484799
Ion Ratio Lower Upper
106 100
91 203.8 163.6 245.4

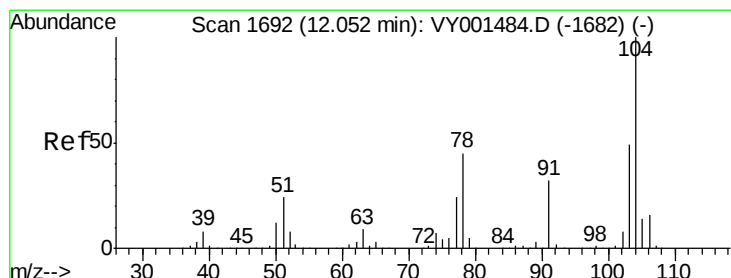
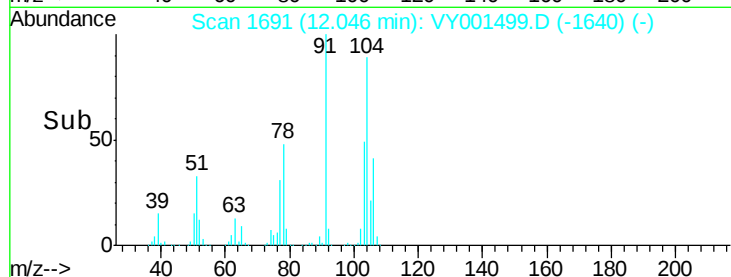
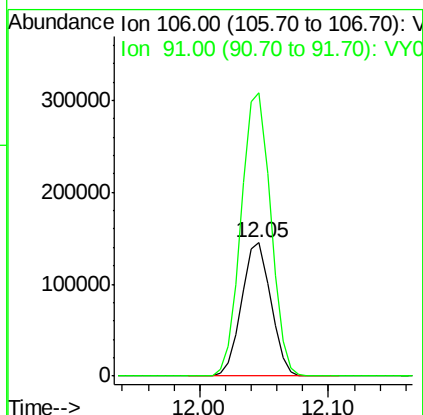
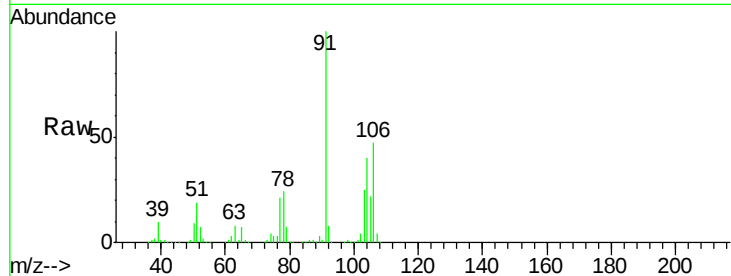




#69
o-Xylene
Concen: 48.50 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

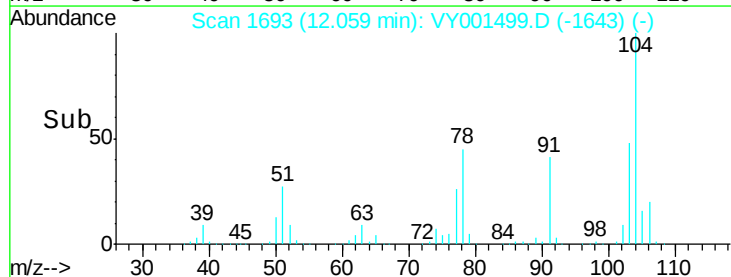
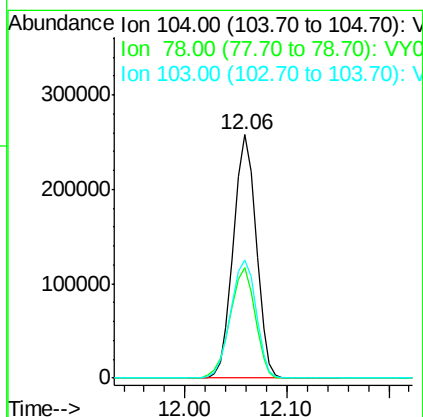
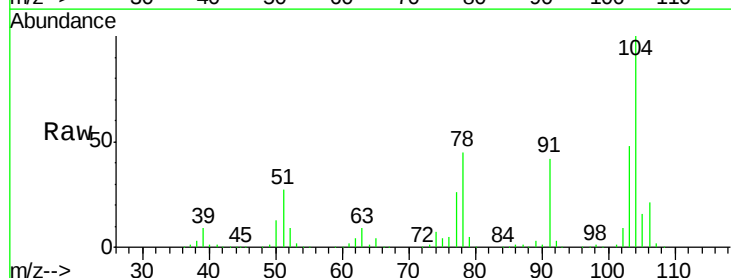
Instrument :
MSVOA_Y
ClientSampled :
BFB

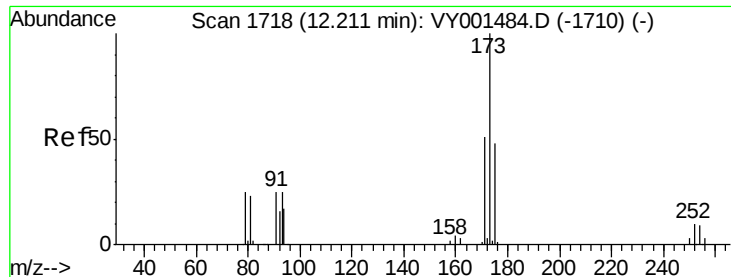
Tgt Ion:106 Resp: 227571
Ion Ratio Lower Upper
106 100
91 215.2 106.0 318.0



#70
Styrene
Concen: 49.09 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

Tgt Ion:104 Resp: 398388
Ion Ratio Lower Upper
104 100
78 49.8 40.4 60.6
103 53.9 42.8 64.2





#71

Bromoform

Concen: 49.73 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampled :

BFB

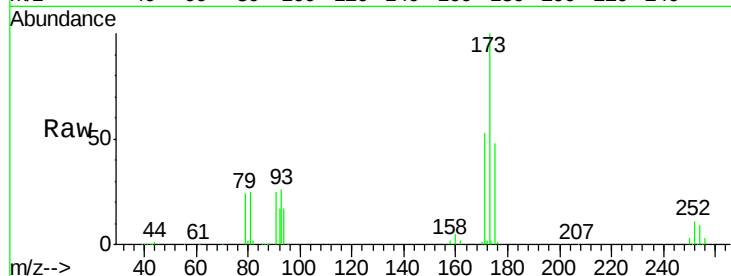
Tgt Ion:173 Resp: 69488

Ion Ratio Lower Upper

173 100

175 47.9 24.0 72.0

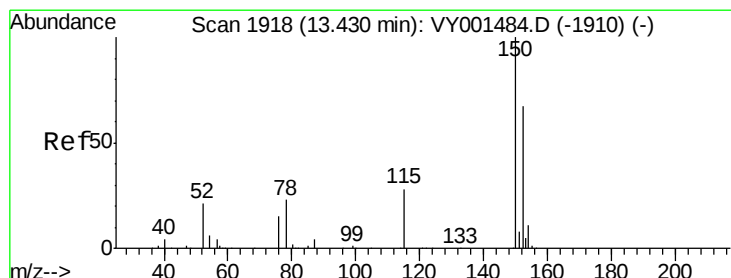
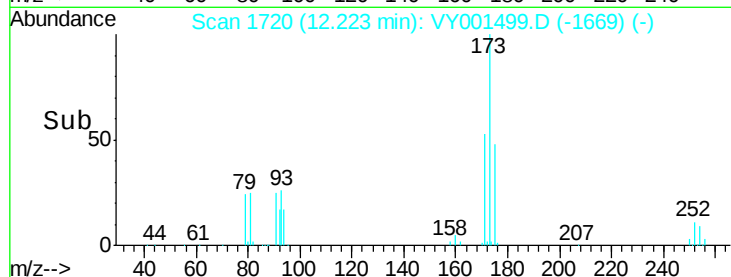
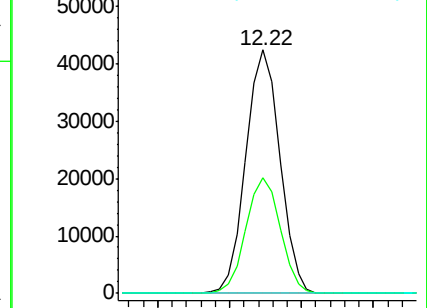
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

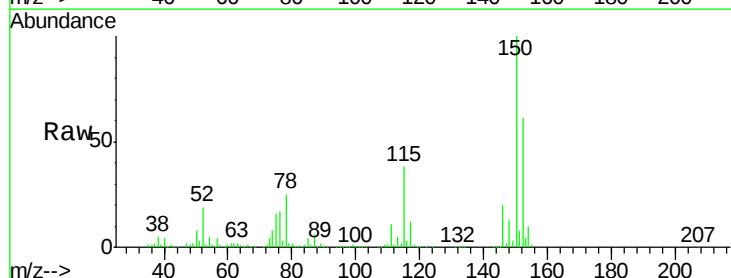
Tgt Ion:152 Resp: 168356

Ion Ratio Lower Upper

152 100

115 63.4 31.4 94.3

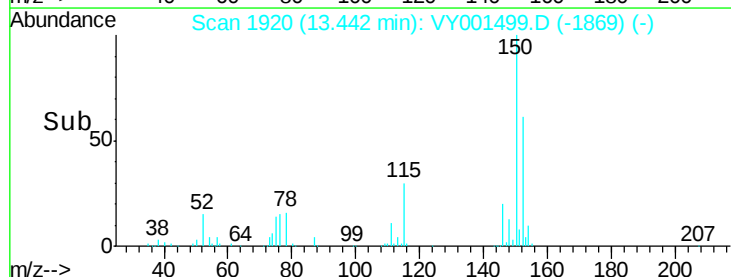
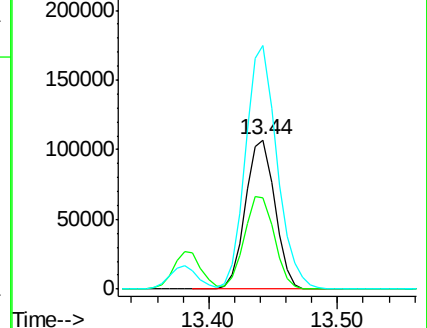
150 174.9 0.0 346.8

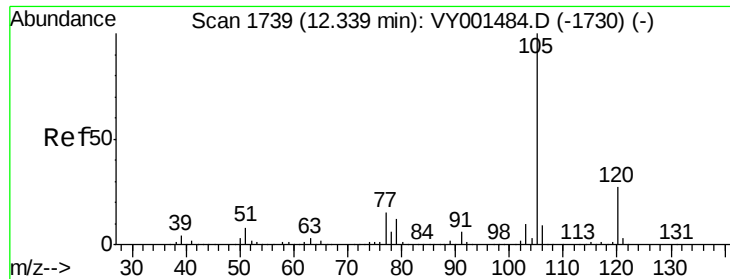


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.51 ug/l

RT: 12.35 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

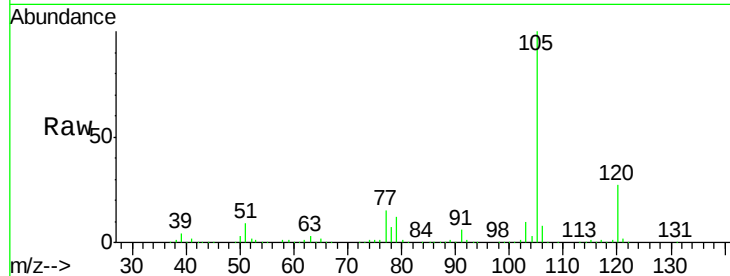
BFB

Tgt Ion: 105 Resp: 622918

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.35

400000

300000

200000

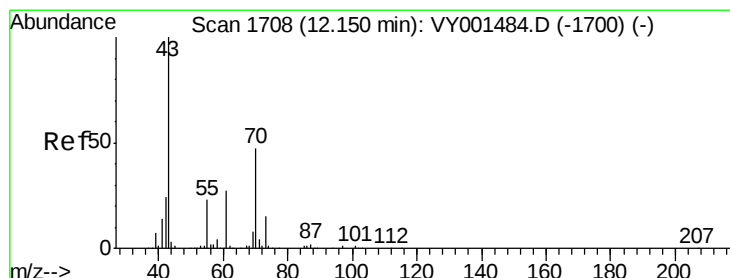
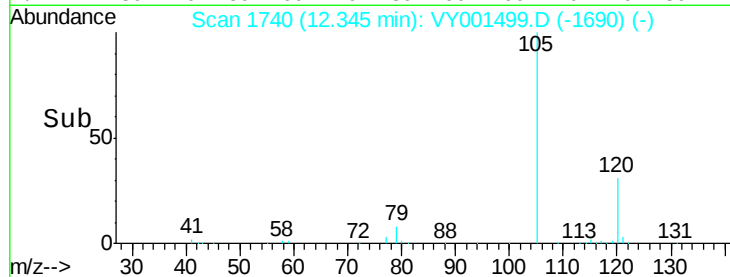
100000

0

Time-->

12.30

12.40



#74

N-ethyl acetate

Concen: 52.94 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Tgt Ion: 43 Resp: 176654

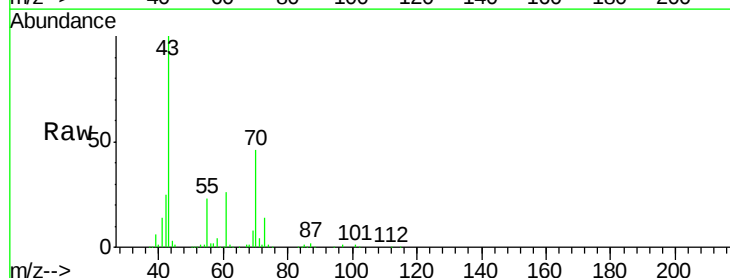
Ion Ratio Lower Upper

43 100

70 46.1 37.2 55.8

55 23.4 18.8 28.2

61 26.1 21.4 32.2



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

200000

150000

100000

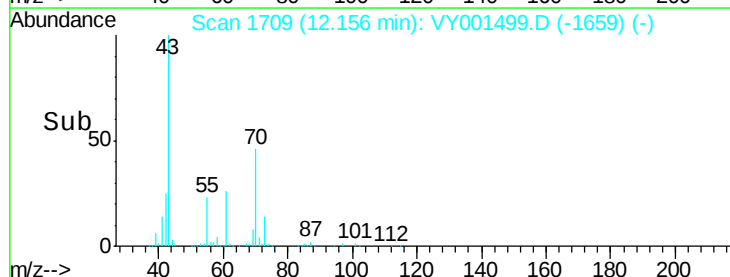
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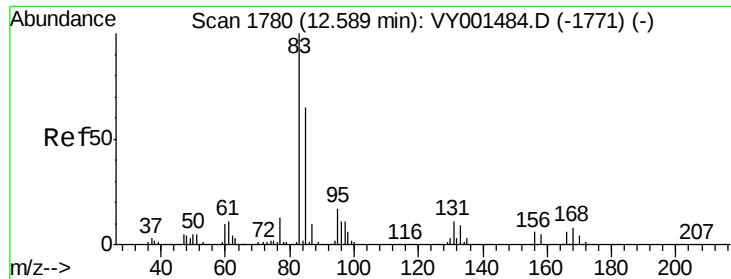
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Time-->

12.10

12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 51.59 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampled :

BFB

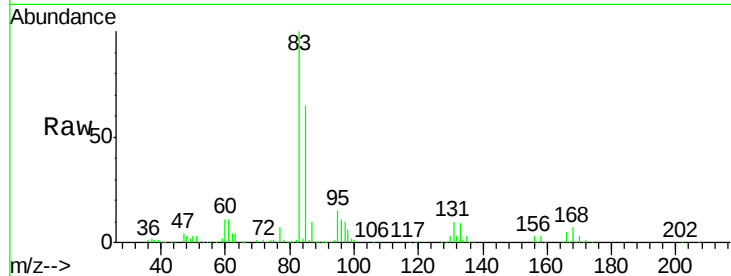
Tgt Ion: 83 Resp: 125857

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

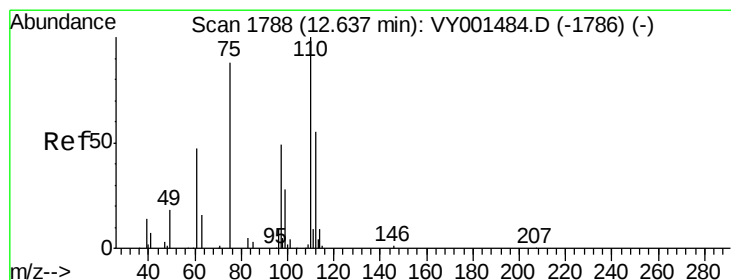
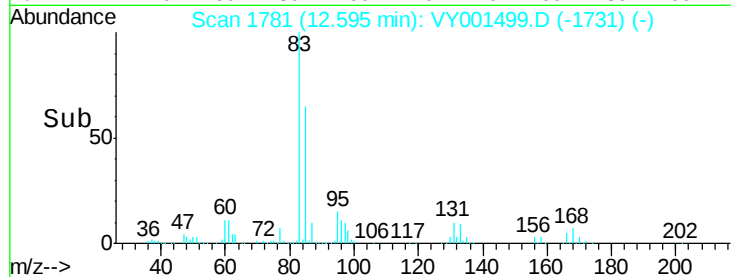
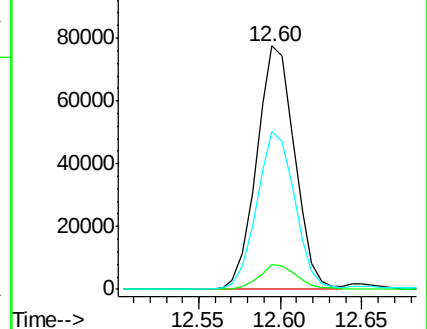
85 64.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY001484.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY001484.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY001484.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 94.40 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY001499.D

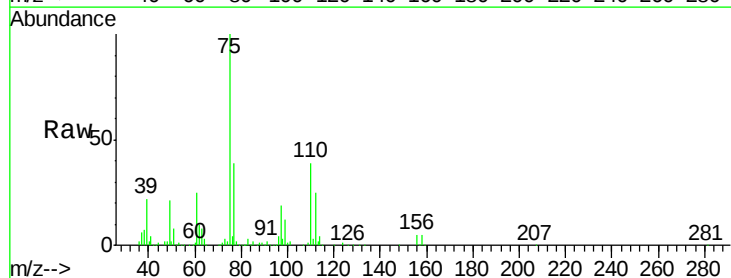
Acq: 05 Feb 2020 10:43

Tgt Ion: 75 Resp: 170909

Ion Ratio Lower Upper

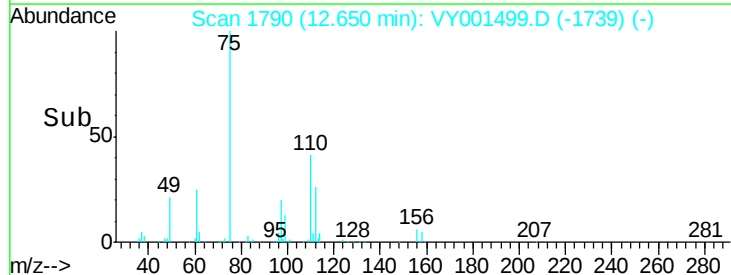
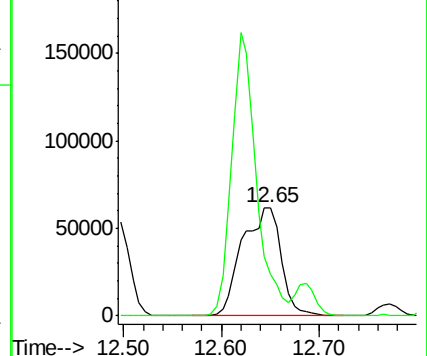
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001484.D (-1786) (-)

Ion 77.00 (76.70 to 77.70): VY001484.D (-1786) (-)





#77

Bromobenzene

Concen: 48.04 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

BFB

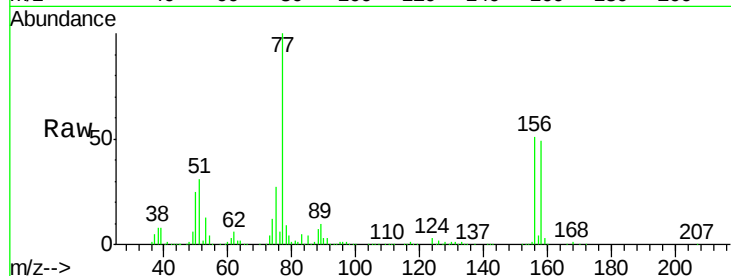
Tgt Ion:156 Resp: 133504

Ion Ratio Lower Upper

156 100

77 212.8 99.8 299.3

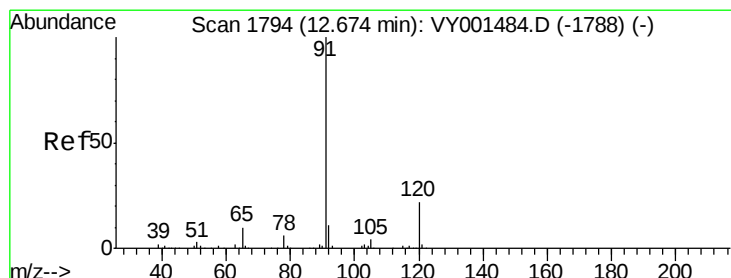
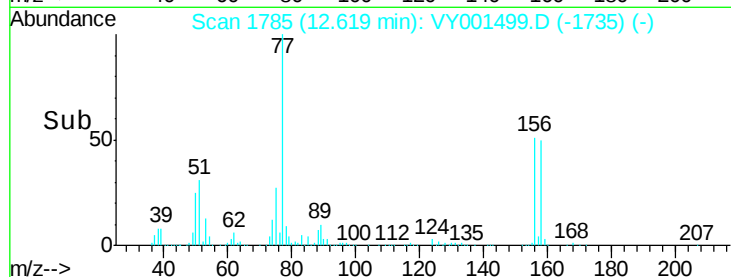
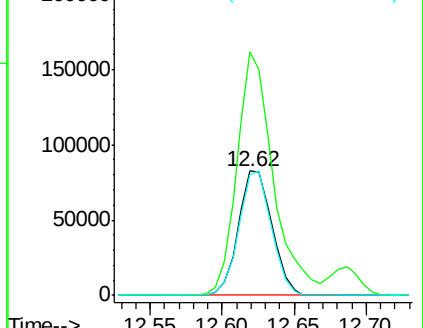
158 96.3 47.5 142.6



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: 48.89 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001499.D

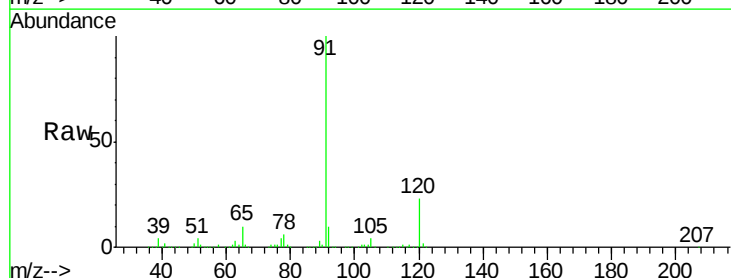
Acq: 05 Feb 2020 10:43

Tgt Ion: 91 Resp: 751470

Ion Ratio Lower Upper

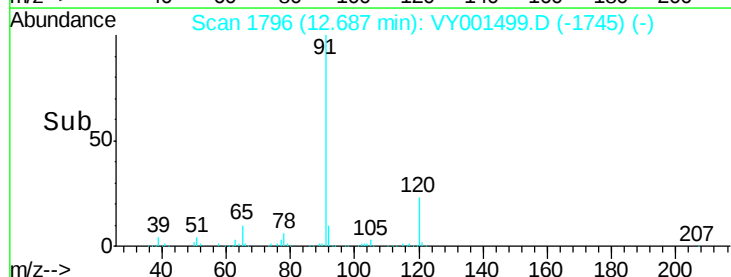
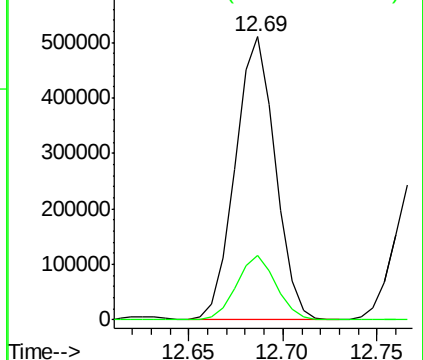
91 100

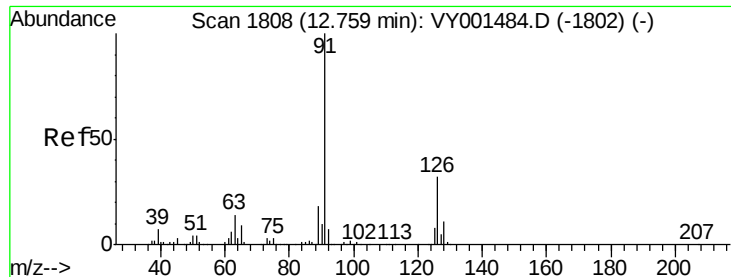
120 22.5 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.14 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampled :

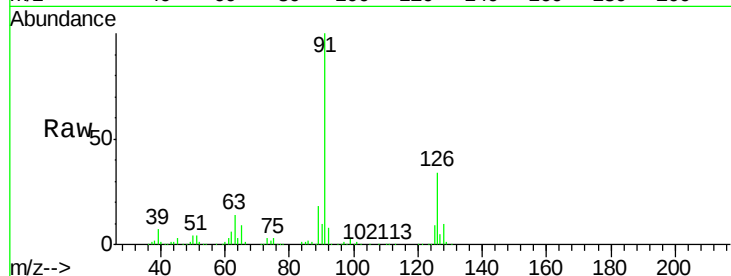
BFB

Tgt Ion: 91 Resp: 421798

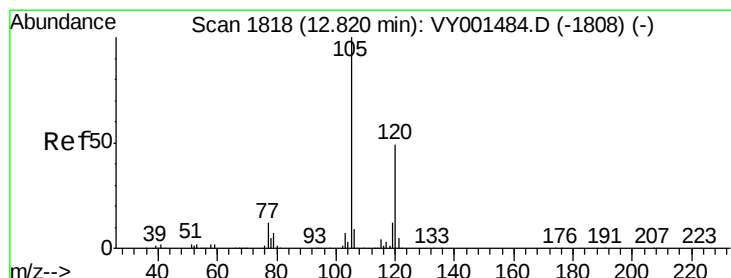
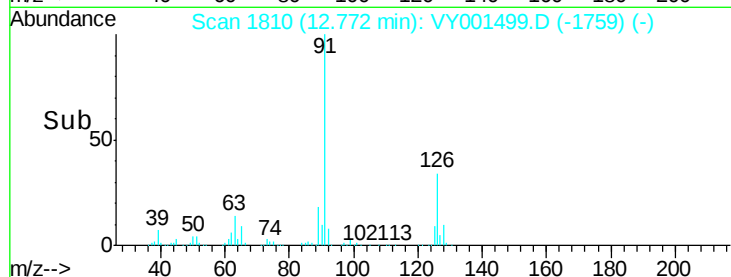
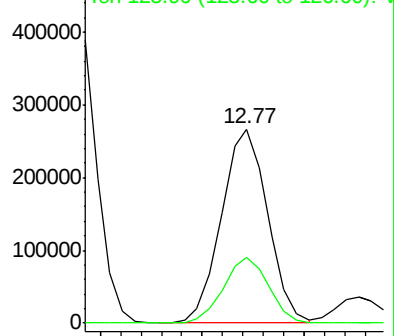
Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY001484.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.24 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY001499.D

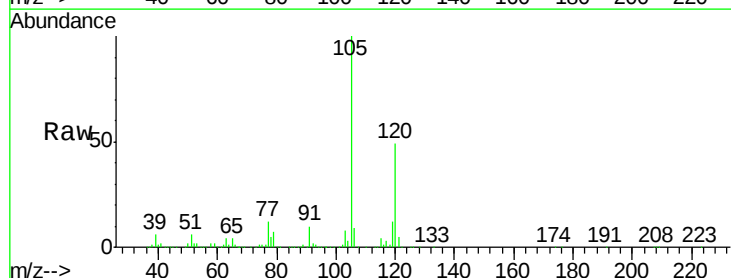
Acq: 05 Feb 2020 10:43

Tgt Ion: 105 Resp: 521641

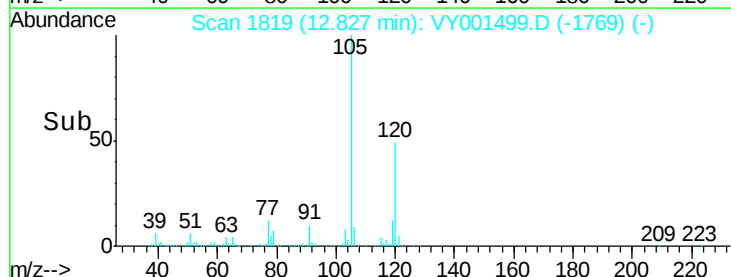
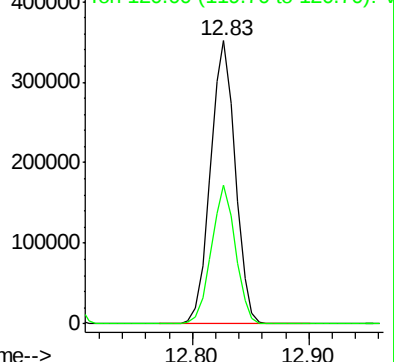
Ion Ratio Lower Upper

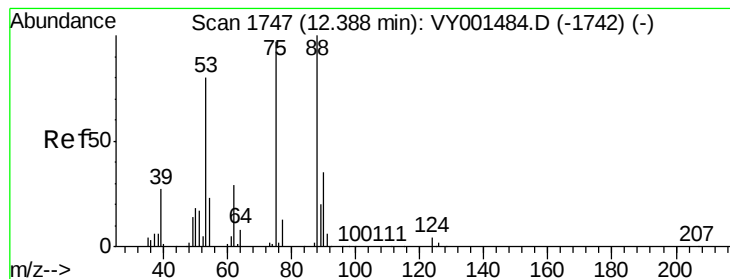
105 100

120 47.9 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VY001484.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.70 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001499.D

Acq: 05 Feb 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

BFB

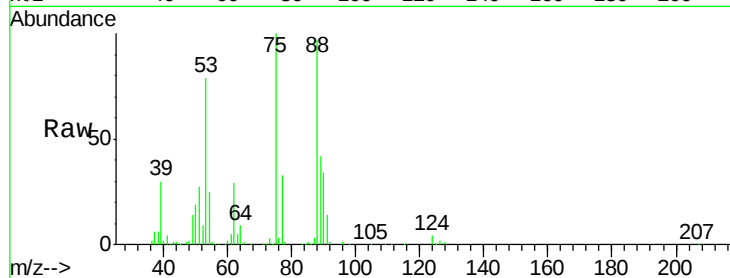
Tgt Ion: 75 Resp: 49308

Ion Ratio Lower Upper

75 100

53 85.2 67.7 101.5

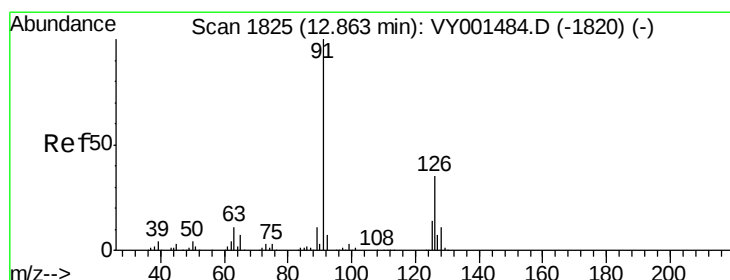
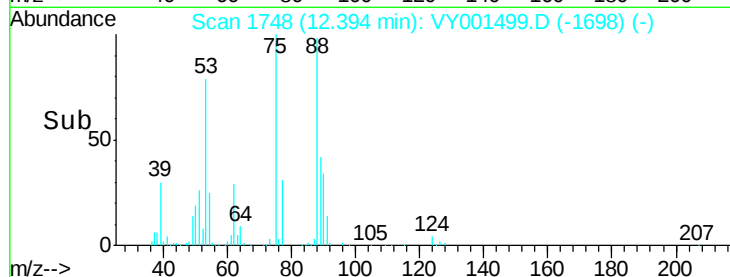
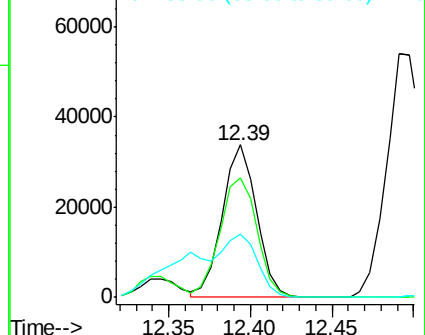
89 43.1 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 48.70 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001499.D

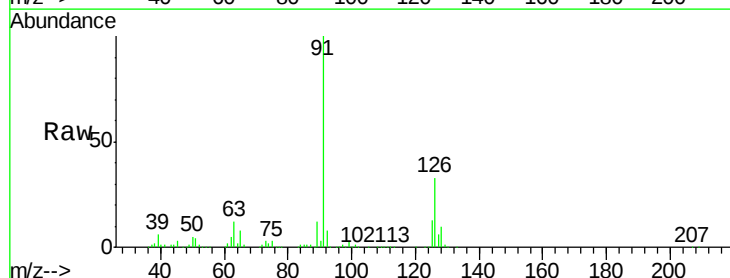
Acq: 05 Feb 2020 10:43

Tgt Ion: 91 Resp: 447410

Ion Ratio Lower Upper

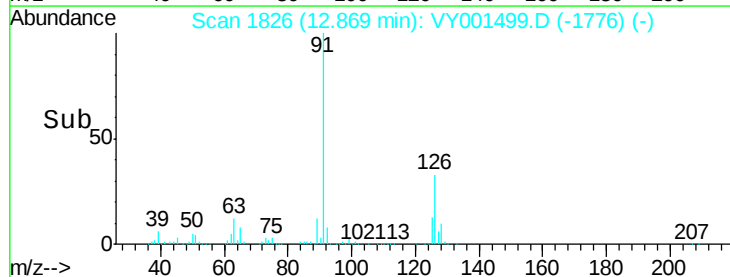
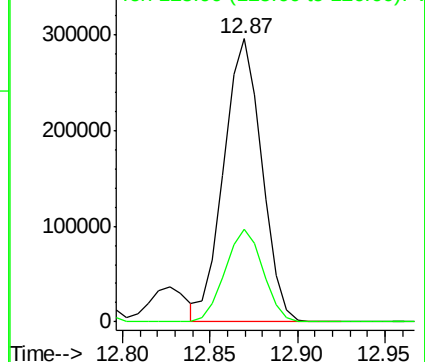
91 100

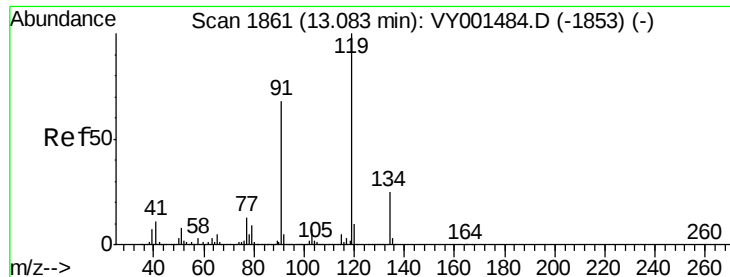
126 32.6 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

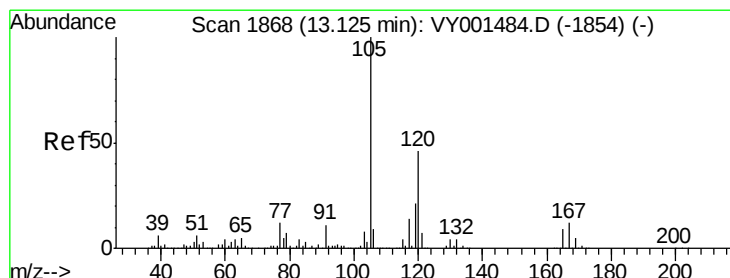
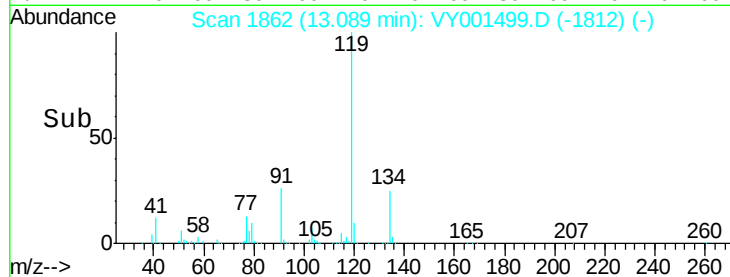
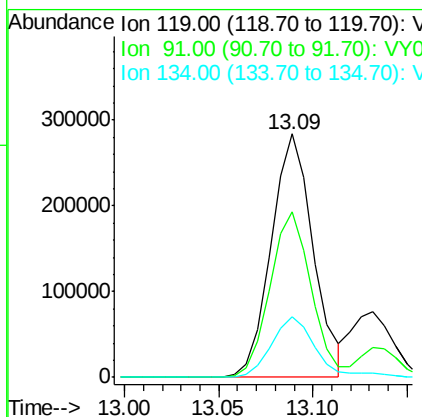
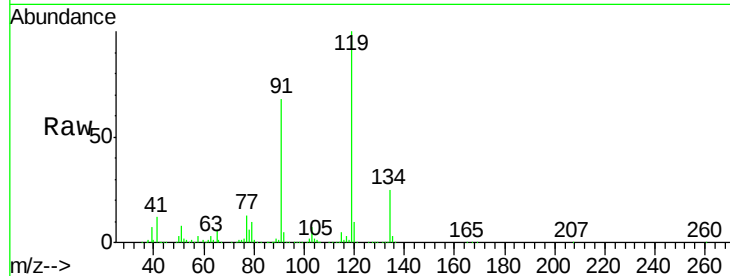




#83
tert-Butylbenzene
Concen: 48.02 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

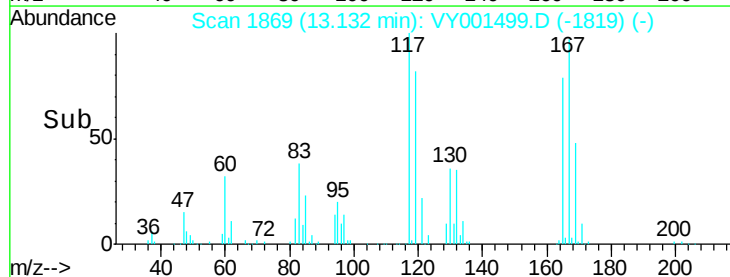
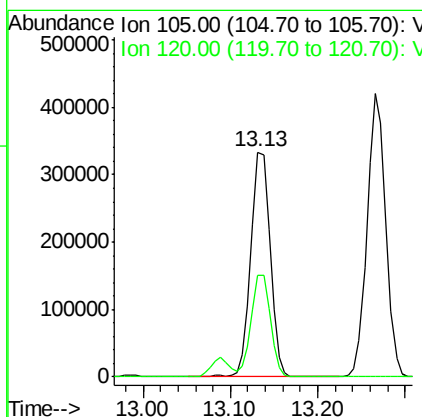
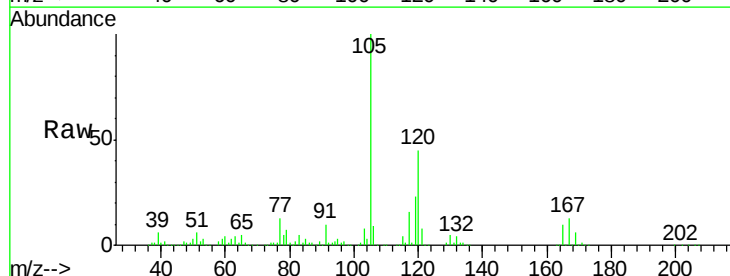
Instrument :
MSVOA_Y
ClientSampleId :
BFB

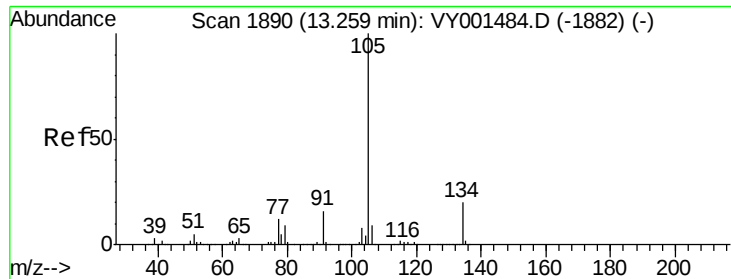
Tgt Ion:119 Resp: 438929
Ion Ratio Lower Upper
119 100
91 66.2 33.1 99.3
134 26.4 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 47.87 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

Tgt Ion:105 Resp: 512352
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.0

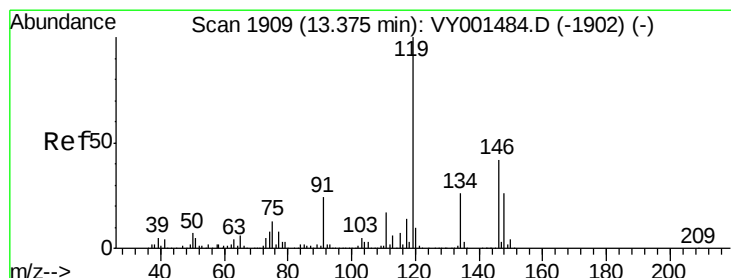
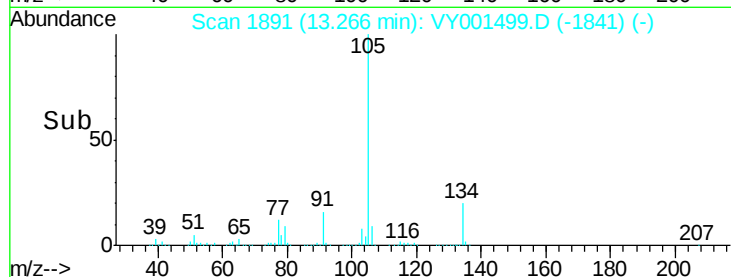
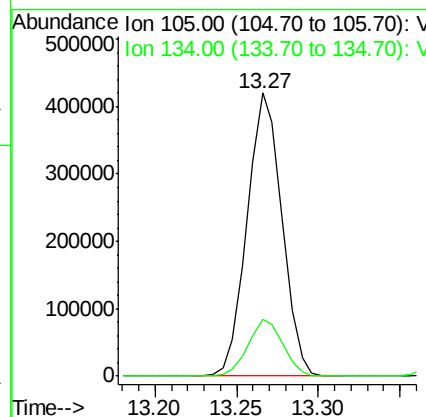
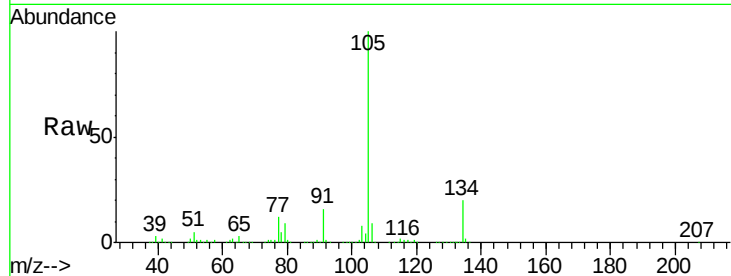




#85
 sec-Butylbenzene
 Concen: 48.65 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

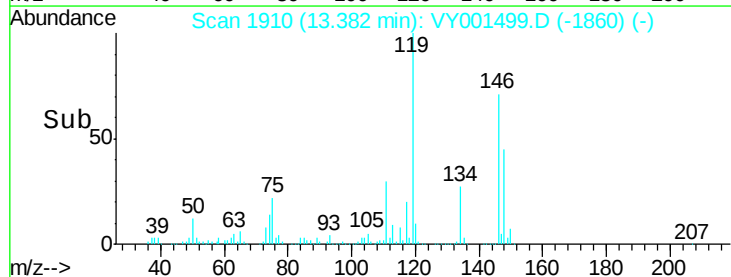
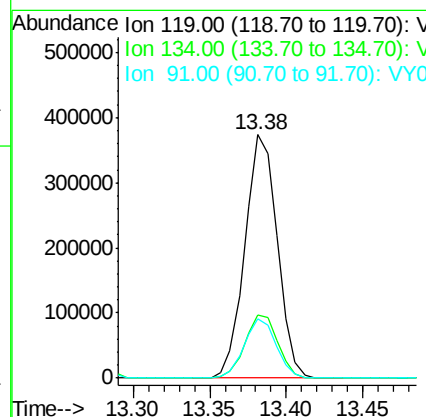
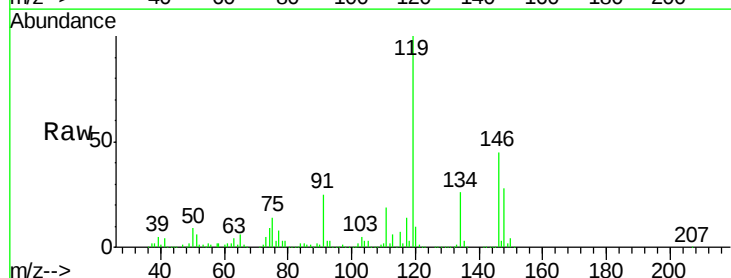
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

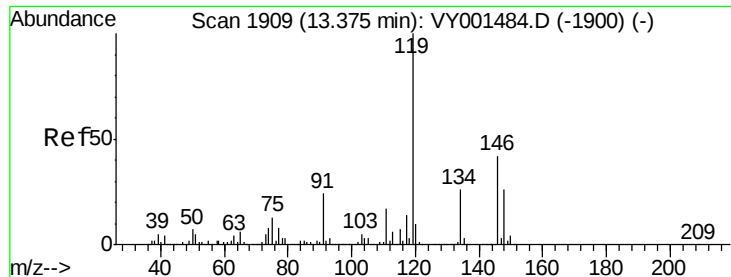
Tgt Ion:105 Resp: 625172
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 48.48 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

Tgt Ion:119 Resp: 549082
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 24.1 12.2 36.6

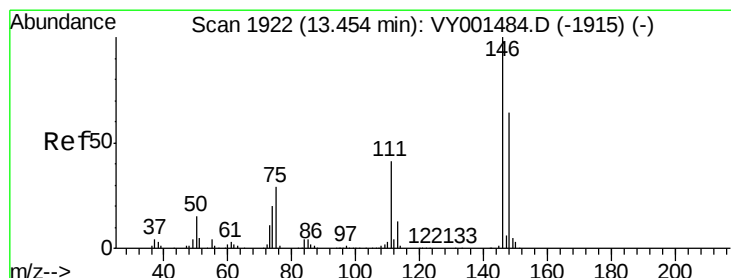
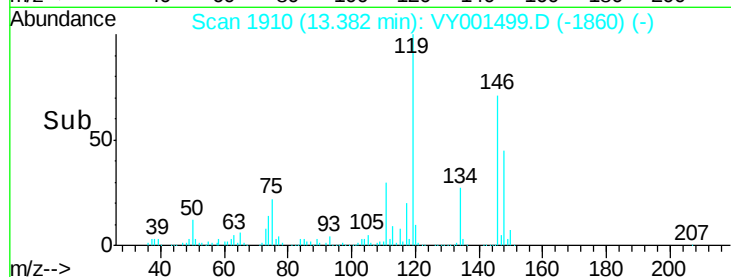
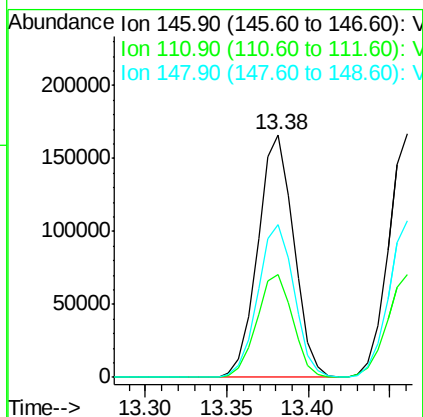
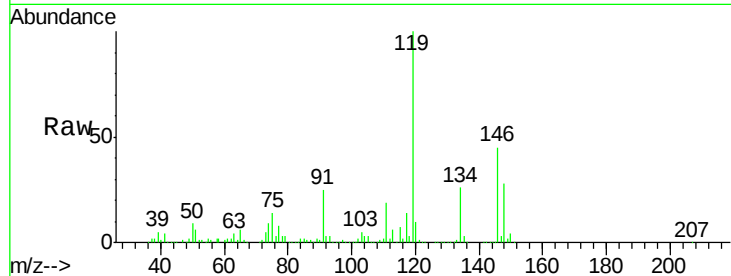




#87
 1,3-Dichlorobenzene
 Concen: 47.69 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

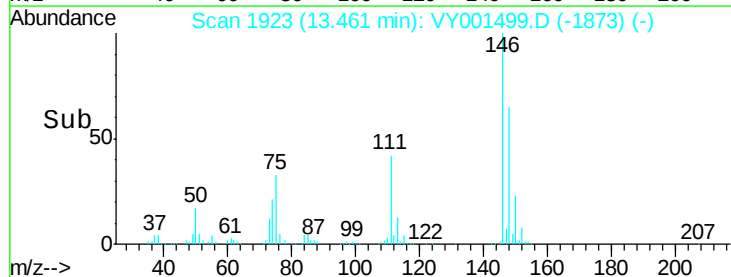
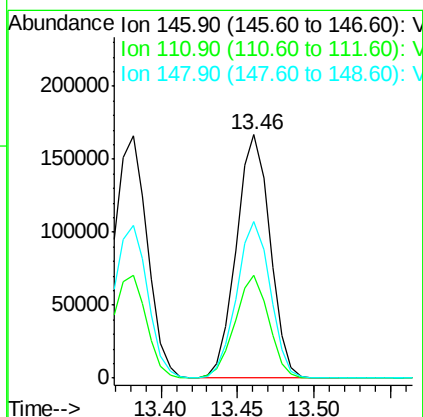
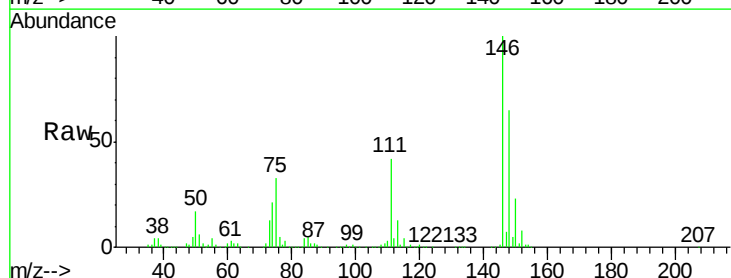
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

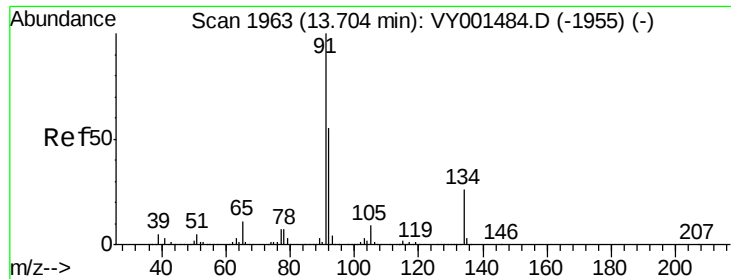
Tgt Ion:146 Resp: 253951
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.3 63.9
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 47.91 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

Tgt Ion:146 Resp: 255606
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.7 62.1
 148 64.3 32.1 96.5

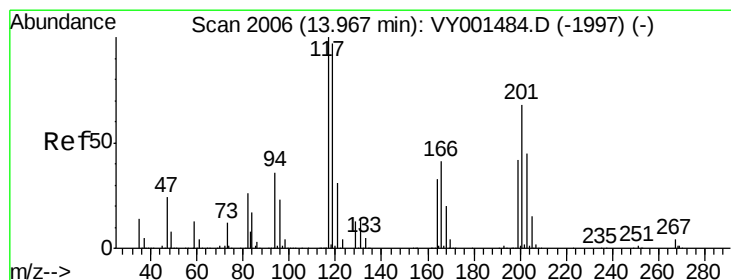
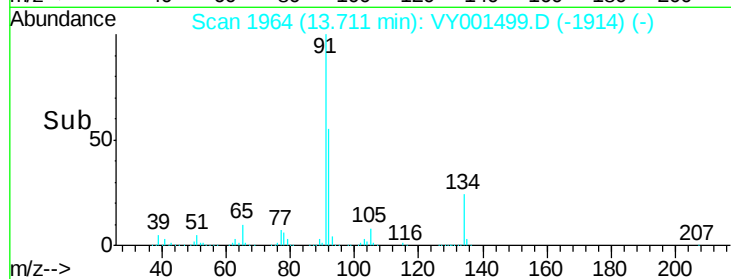
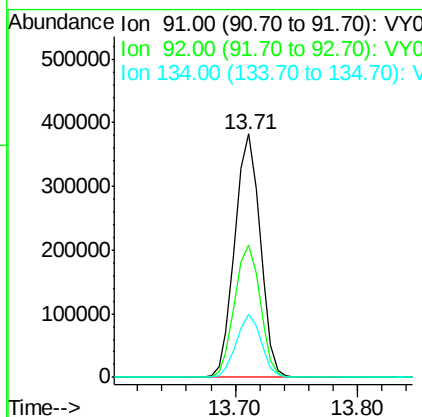
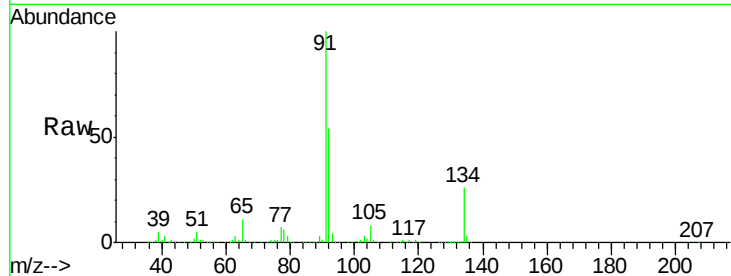




#89
n-Butylbenzene
Concen: 49.20 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

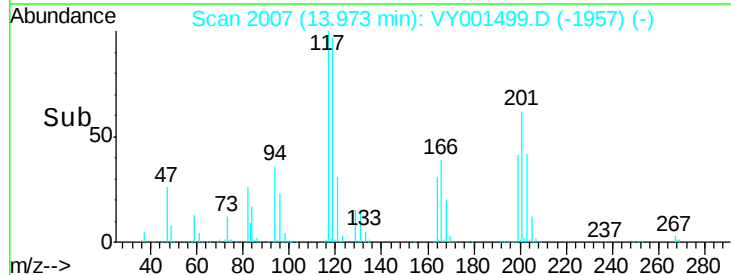
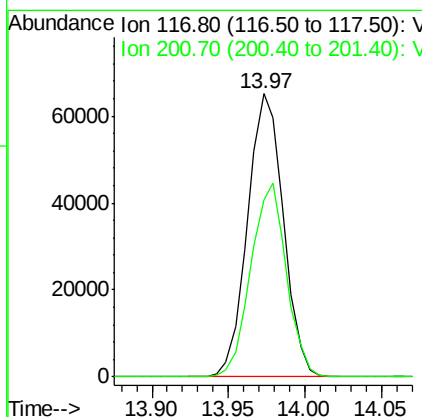
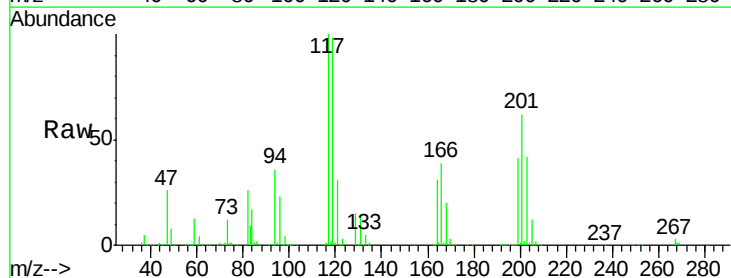
Instrument :
MSVOA_Y
ClientSampled :
BFB

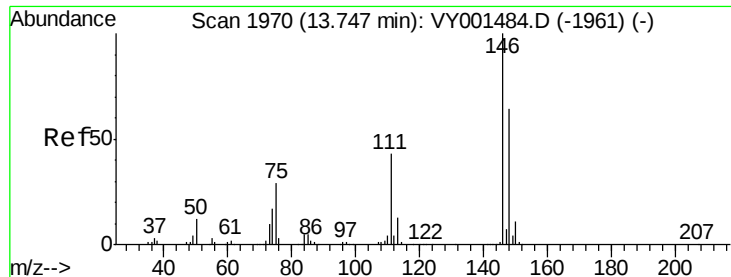
Tgt Ion: 91 Resp: 549720
Ion Ratio Lower Upper
91 100
92 54.7 27.3 81.9
134 25.4 13.0 38.9



#90
Hexachloroethane
Concen: 48.83 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

Tgt Ion: 117 Resp: 106140
Ion Ratio Lower Upper
117 100
201 67.9 34.1 102.3

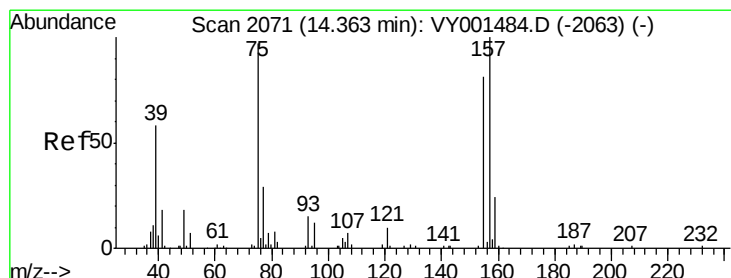
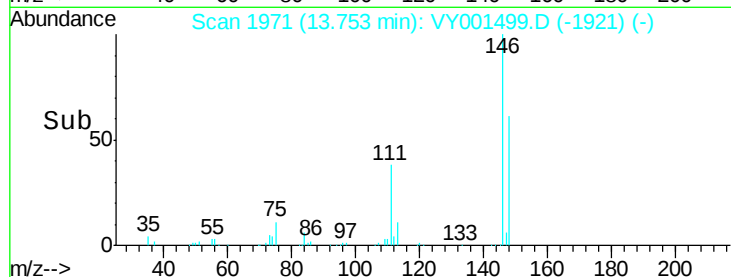
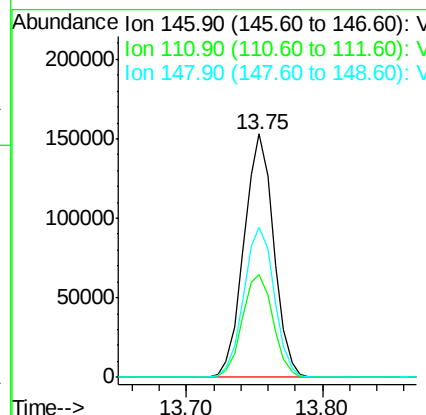
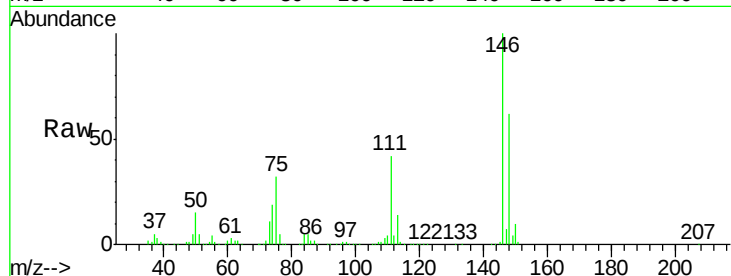




#91
 1,2-Dichlorobenzene
 Concen: 48.52 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

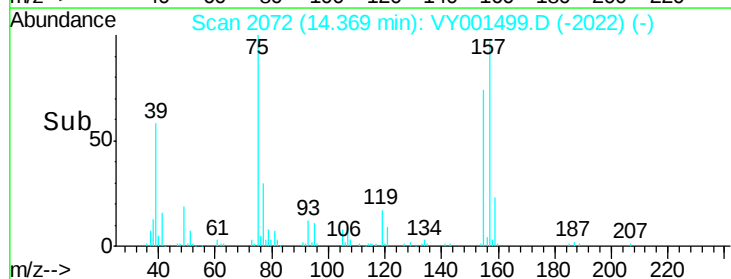
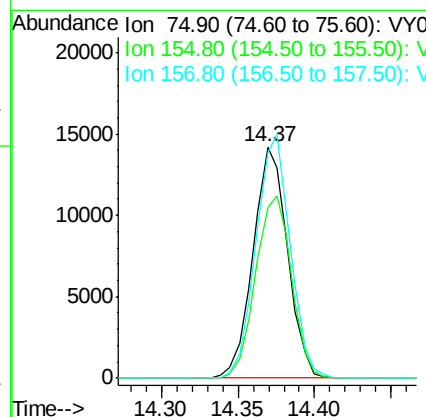
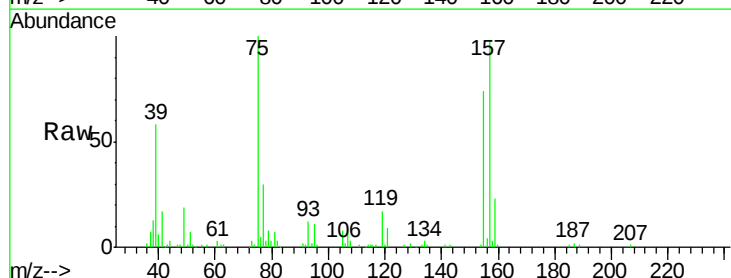
Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

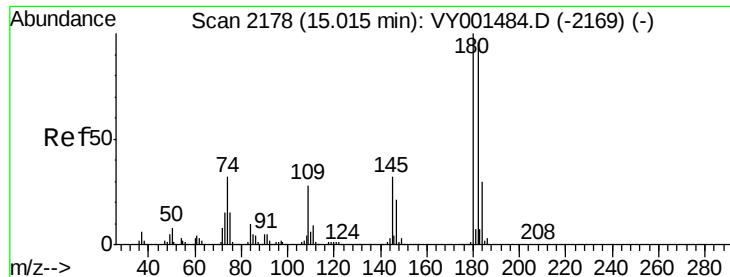
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.9	65.8
148	63.1	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.42 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.7	40.7	122.1
157	104.8	52.3	157.1

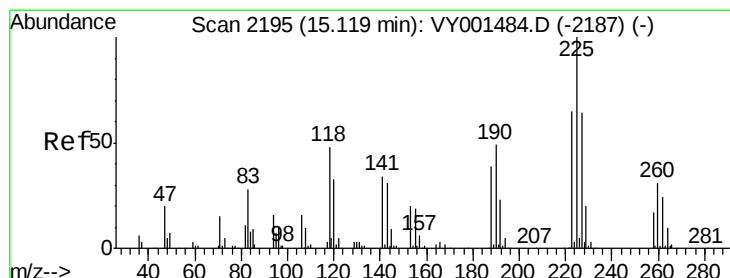
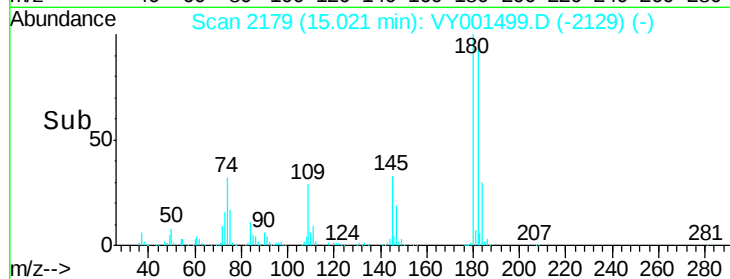
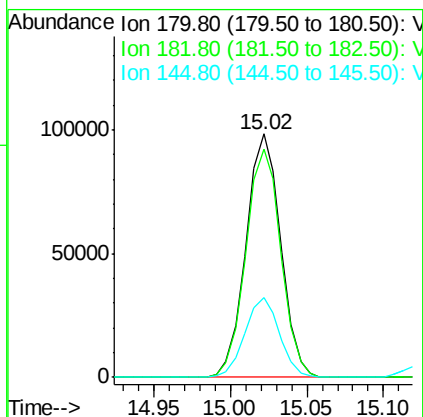
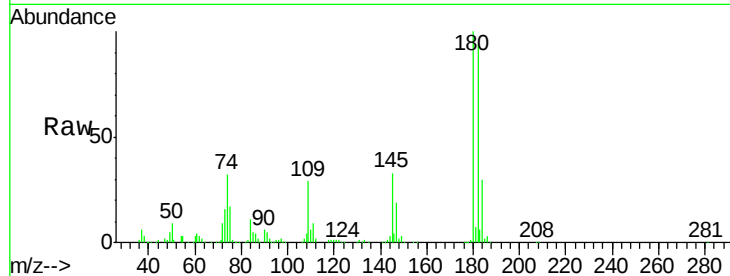




#93
 1,2,4-Trichlorobenzene
 Concen: 47.70 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

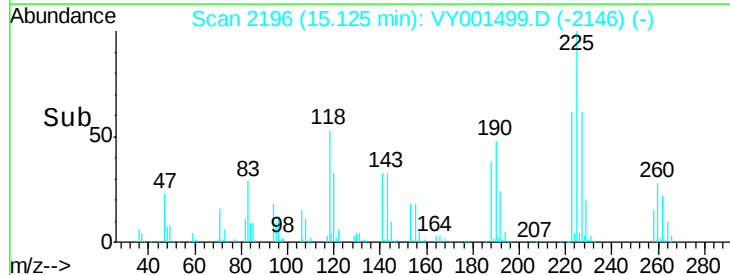
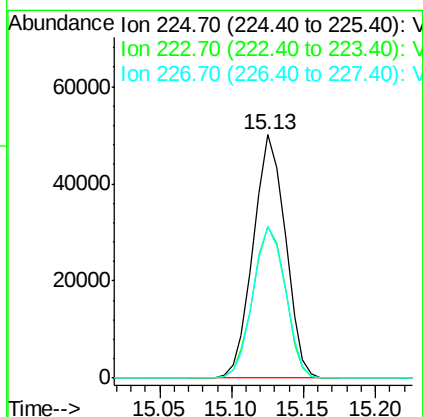
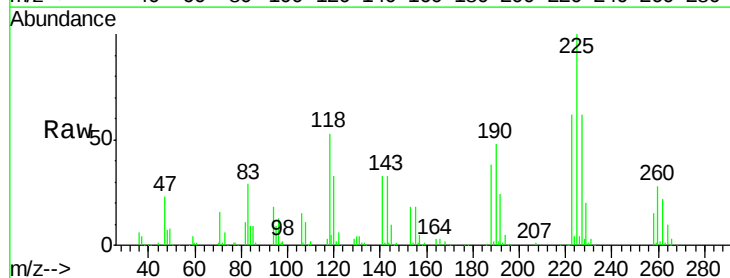
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

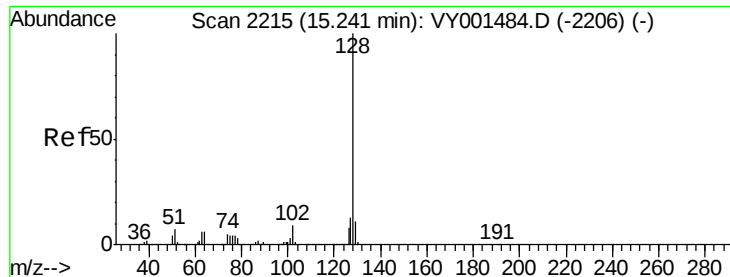
Tgt Ion:180 Resp: 155134
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.9 140.7
 145 32.7 16.8 50.3



#94
 Hexachlorobutadiene
 Concen: 47.04 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001499.D
 Acq: 05 Feb 2020 10:43

Tgt Ion:225 Resp: 77647
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.9 95.7
 227 62.8 32.6 97.7

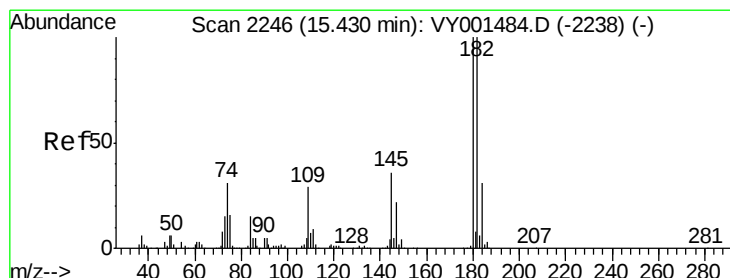
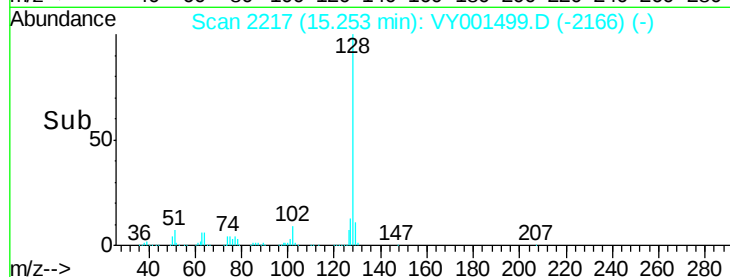
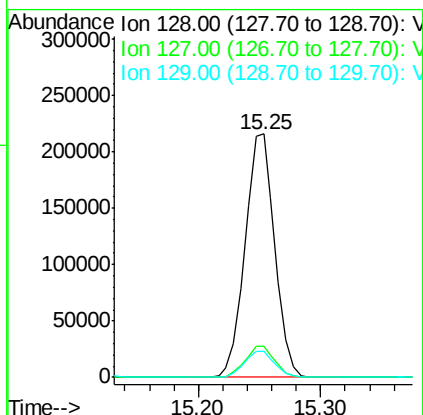
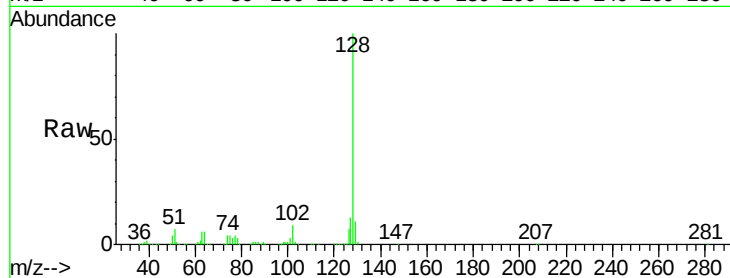




#95
Naphthalene
Concen: 47.41 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Tgt Ion:128 Resp: 362345
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 47.39 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001499.D
Acq: 05 Feb 2020 10:43

Tgt Ion:180 Resp: 136054
Ion Ratio Lower Upper
180 100
182 94.4 48.0 144.2
145 35.0 17.8 53.5

