

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002212.D
 Acq On : 03 Apr 2020 12:14
 Operator : SY/MD
 Sample : VY0403SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

Quant Time: Apr 04 00:17:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	154776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	285041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	258266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	117110	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	86533	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	7.74	113	79514	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.19	98	320729	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	12.49	95	112070	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	31550	28.408	ug/l	99
3) Chloromethane	2.13	50	38912	21.513	ug/l	97
4) Vinyl Chloride	2.26	62	40842	22.202	ug/l	100
5) Bromomethane	2.66	94	26100	21.741	ug/l	98
6) Chloroethane	2.80	64	24991	21.157	ug/l	98
7) Trichlorofluoromethane	3.15	101	55690	22.091	ug/l	98
8) Diethyl Ether	3.55	74	22654	21.217	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	36479	22.056	ug/l	98
10) Methyl Iodide	4.11	142	38861	19.760	ug/l	99
11) Tert butyl alcohol	4.97	59	38776	192.311	ug/l #	89
12) 1,1-Dichloroethene	3.90	96	36402	21.675	ug/l	95
13) Acrolein	3.76	56	21736	86.251	ug/l	99
14) Allyl chloride	4.52	41	64109	20.852	ug/l	99
15) Acrylonitrile	5.20	53	59468	106.262	ug/l	99
16) Acetone	3.97	43	49746	103.485	ug/l	96
17) Carbon Disulfide	4.22	76	118331	21.231	ug/l	98
18) Methyl Acetate	4.51	43	27094	21.705	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	100671	21.487	ug/l	100
20) Methylene Chloride	4.75	84	50106	22.343	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	41415	21.658	ug/l	97
22) Diisopropyl ether	6.15	45	133323	21.190	ug/l	96
23) Vinyl Acetate	6.09	43	433299	105.021	ug/l	98
24) 1,1-Dichloroethane	6.05	63	71319	21.319	ug/l	96
25) 2-Butanone	7.02	43	78104	105.814	ug/l	91
26) 2,2-Dichloropropane	7.01	77	60495	21.957	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	45659	21.704	ug/l	100
28) Bromochloromethane	7.36	49	30106	19.712	ug/l	98
29) Tetrahydrofuran	7.38	42	50847	105.068	ug/l	98
30) Chloroform	7.53	83	66349	20.924	ug/l	100
31) Cyclohexane	7.81	56	73838	20.714	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	56217	21.234	ug/l	98
36) 1,1-Dichloropropene	7.94	75	55506	20.588	ug/l	98
37) Ethyl Acetate	7.10	43	34362	21.090	ug/l	98
38) Carbon Tetrachloride	7.92	117	48488	21.198	ug/l	95

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

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 ClientSampleId :
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Quant Time: Apr 04 00:17:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	74275	21.003	ug/l	99
40) Benzene	8.18	78	167183	20.934	ug/l	98
41) Methacrylonitrile	7.37	41	44998	54.601	ug/l #	100
42) 1,2-Dichloroethane	8.26	62	43637	20.581	ug/l	100
43) Isopropyl Acetate	8.29	43	61415	20.310	ug/l	100
44) Trichloroethene	8.96	130	40985	21.290	ug/l	95
45) 1,2-Dichloropropane	9.23	63	42864	21.079	ug/l	96
46) Dibromomethane	9.32	93	22483	21.529	ug/l	98
47) Bromodichloromethane	9.51	83	51053	21.000	ug/l	98
48) Methyl methacrylate	9.31	41	28249	20.846	ug/l	98
49) 1,4-Dioxane	9.31	88	6169	430.487	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	170954	109.790	ug/l	99
52) Toluene	10.25	92	100858	20.880	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	55986	20.749	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	65736	20.692	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	32540	21.053	ug/l	97
56) Ethyl methacrylate	10.52	69	45773	20.276	ug/l	98
57) 1,3-Dichloropropane	10.80	76	57148	20.927	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	128148	110.474	ug/l	100
59) 2-Hexanone	10.84	43	111254	101.431	ug/l	97
60) Dibromochloromethane	10.99	129	34421	21.282	ug/l	98
61) 1,2-Dibromoethane	11.10	107	30168	20.854	ug/l	100
64) Tetrachloroethene	10.73	164	34432	21.791	ug/l	98
65) Chlorobenzene	11.52	112	102867	20.634	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	34925	20.940	ug/l	99
67) Ethyl Benzene	11.60	91	194114	20.965	ug/l	100
68) m/p-Xylenes	11.71	106	142645	41.667	ug/l	100
69) o-Xylene	12.03	106	66437	20.458	ug/l	98
70) Styrene	12.05	104	114943	20.426	ug/l	98
71) Bromoform	12.22	173	18798	20.578	ug/l #	97
73) Isopropylbenzene	12.34	105	182216	20.975	ug/l	99
74) N-amyl acetate	12.15	43	54925	20.046	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	39209	20.974	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	51307	39.166	ug/l #	100
77) Bromobenzene	12.61	156	38869	20.959	ug/l	98
78) n-propylbenzene	12.68	91	227018	21.058	ug/l	99
79) 2-Chlorotoluene	12.77	91	124932	21.106	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	150922	21.057	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	13511	19.982	ug/l	93
82) 4-Chlorotoluene	12.86	91	130248	20.881	ug/l	99
83) tert-Butylbenzene	13.08	119	127599	21.328	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	152083	21.267	ug/l	100
85) sec-Butylbenzene	13.26	105	189078	21.338	ug/l	99
86) p-Isopropyltoluene	13.38	119	162052	21.296	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	76241	21.015	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	77542	21.240	ug/l	99
89) n-Butylbenzene	13.70	91	168294	21.226	ug/l	99
90) Hexachloroethane	13.97	117	29731	20.734	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	70860	21.150	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	6127	20.461	ug/l	97

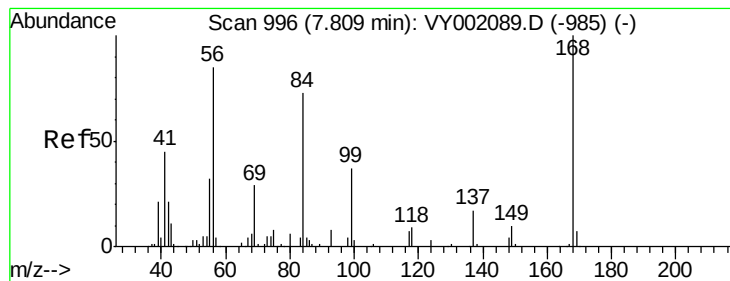
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
Data File : VY002212.D
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Sample : VY0403SBSD01
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MSVOA_Y
ClientSampleId :
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Quant Time: Apr 04 00:17:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	46094	21.345	ug/l	97
94) Hexachlorobutadiene	15.12	225	22193	20.820	ug/l	99
95) Naphthalene	15.25	128	105307	20.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	40084	20.470	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

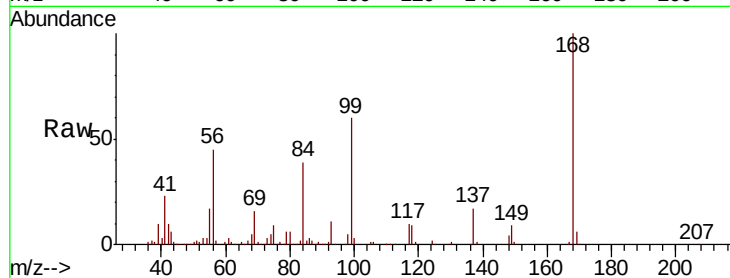
VY0403SBS01

Tot Ion:168 Resp: 154776

Ion Ratio Lower Upper

168 100

99 60.4 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)

7.81

60000

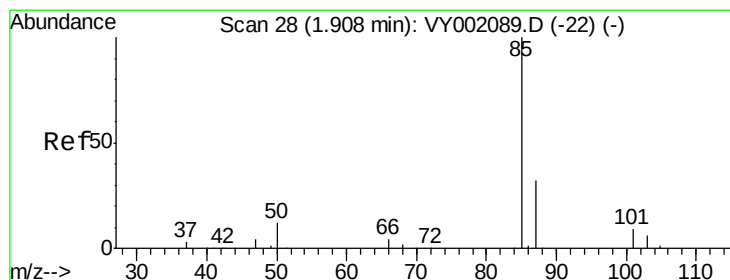
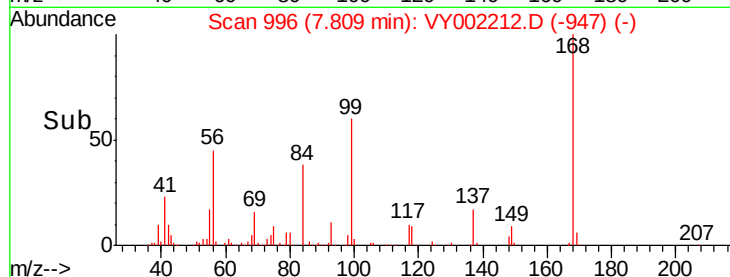
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 28.408 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002212.D

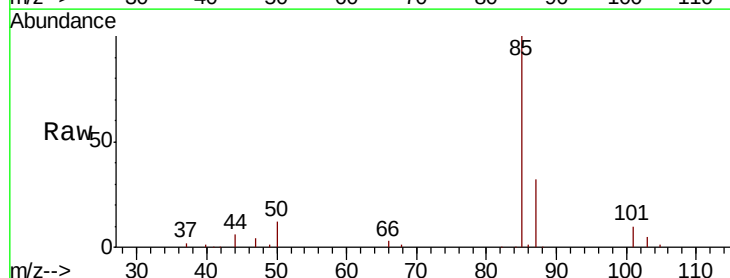
Acq: 03 Apr 2020 12:14

Tgt Ion: 85 Resp: 31550

Ion Ratio Lower Upper

85 100

87 31.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002089.D (-22) (-)

1.91

25000

20000

15000

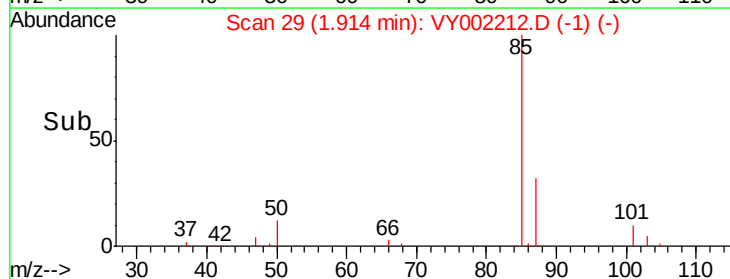
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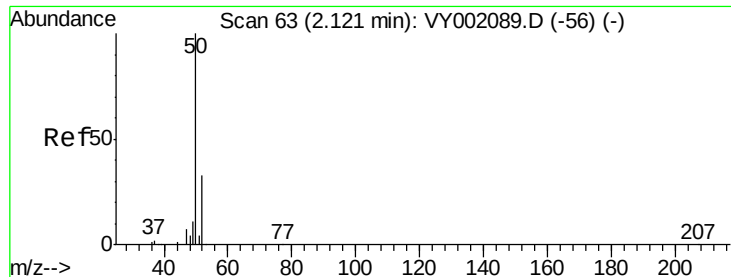
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 21.513 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

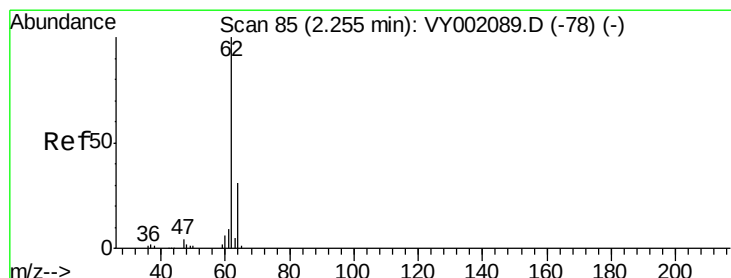
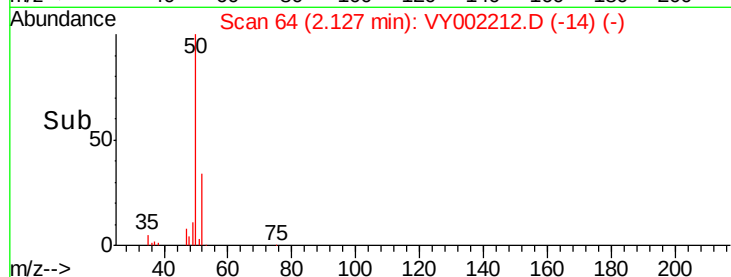
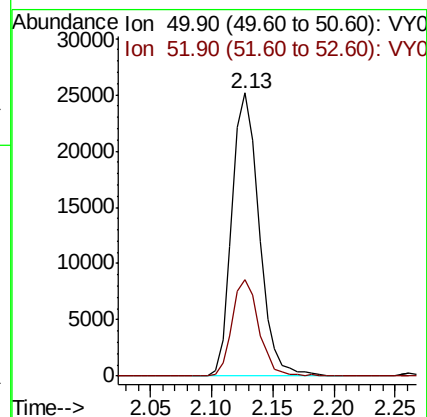
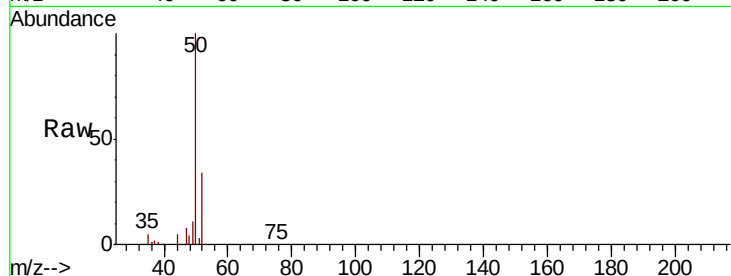
VY0403SBS01

Tot Ion: 50 Resp: 38912

Ion Ratio Lower Upper

50 100

52 34.2 26.1 39.1



#4

Vinyl Chloride

Concen: 22.202 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY002212.D

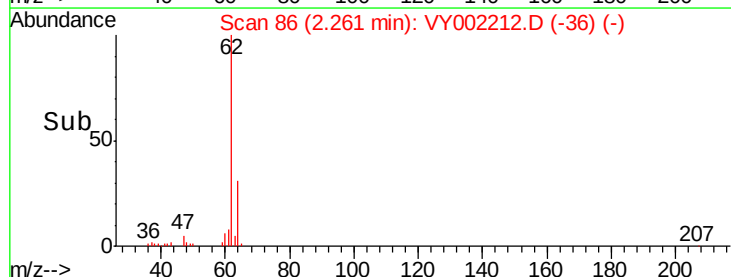
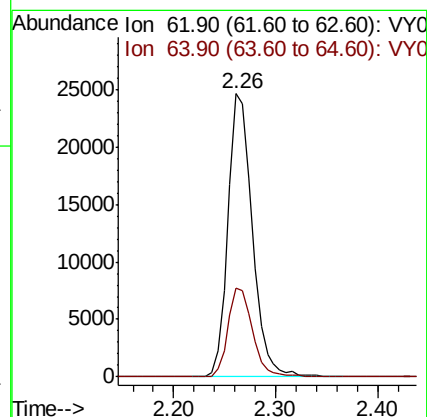
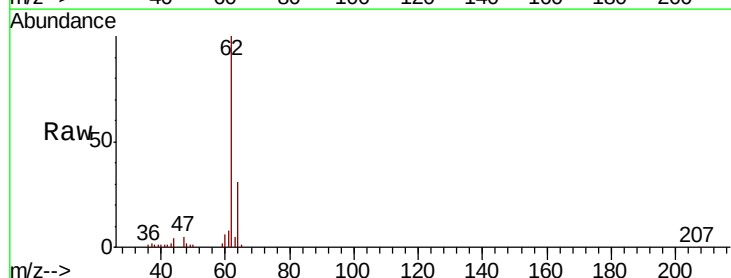
Acq: 03 Apr 2020 12:14

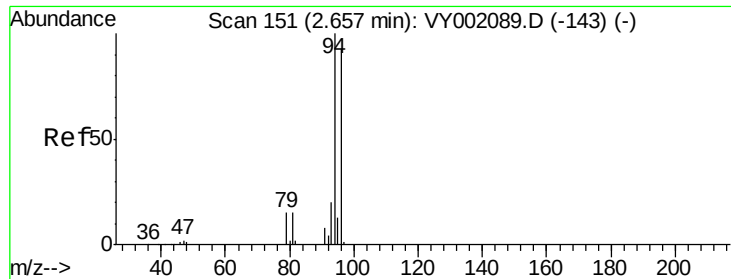
Tgt Ion: 62 Resp: 40842

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8





#5

Bromomethane

Concen: 21.741 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

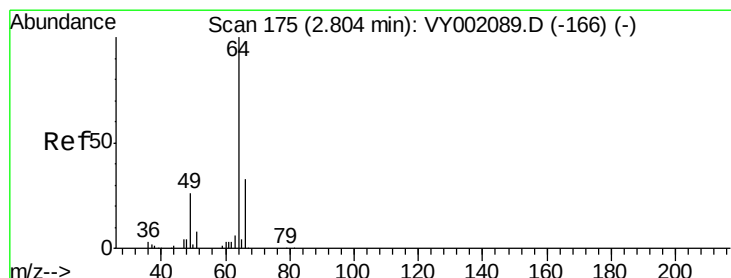
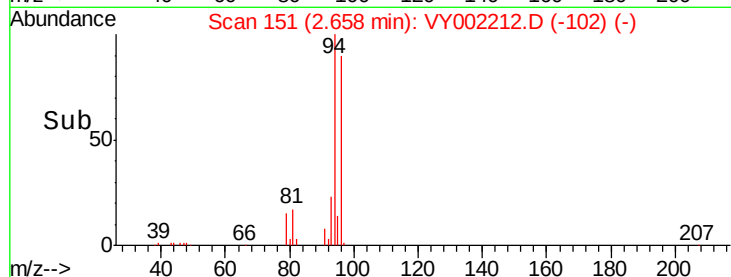
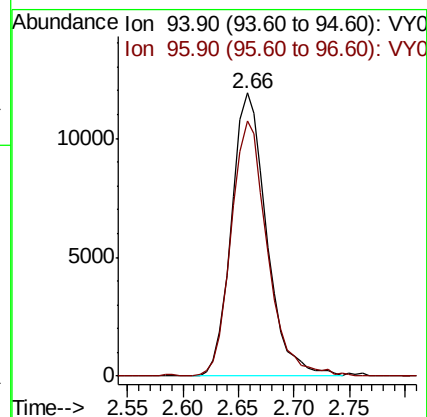
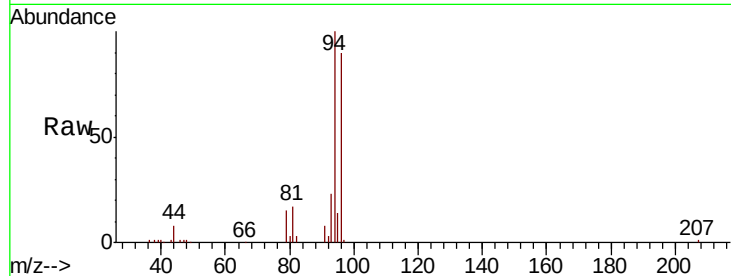
VY0403SBS01

Tot Ion: 94 Resp: 26100

Ion Ratio Lower Upper

94 100

96 90.3 74.1 111.1



#6

Chloroethane

Concen: 21.157 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002212.D

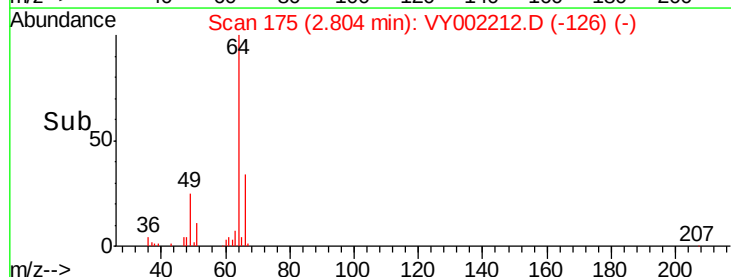
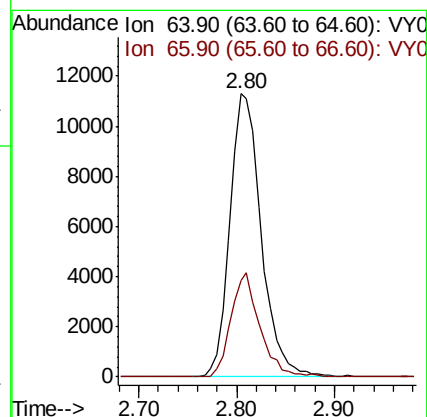
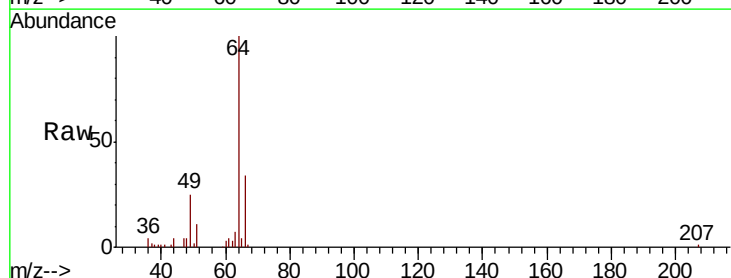
Acq: 03 Apr 2020 12:14

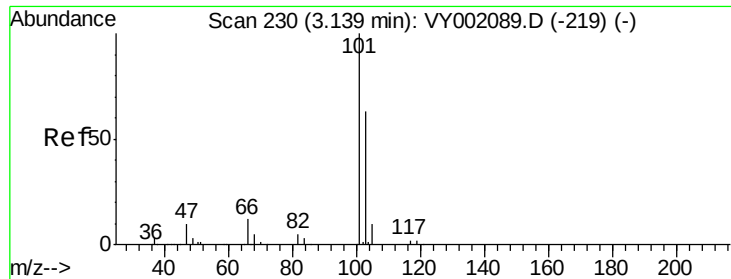
Tgt Ion: 64 Resp: 24991

Ion Ratio Lower Upper

64 100

66 34.3 26.6 39.8



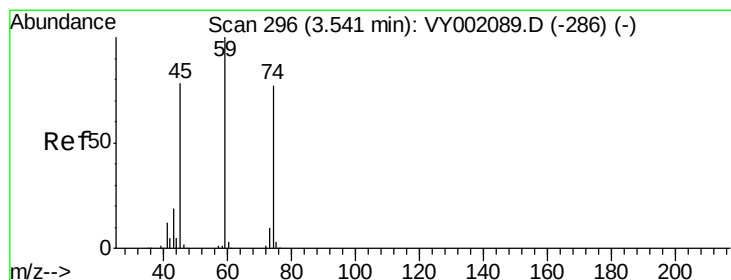
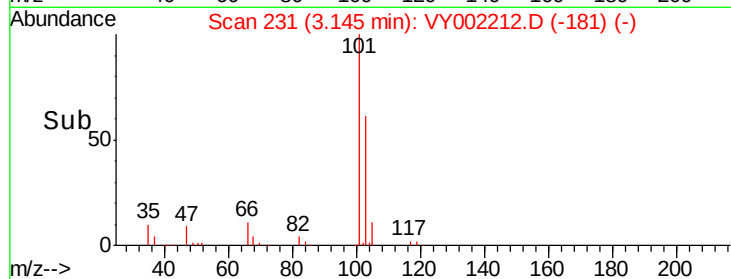
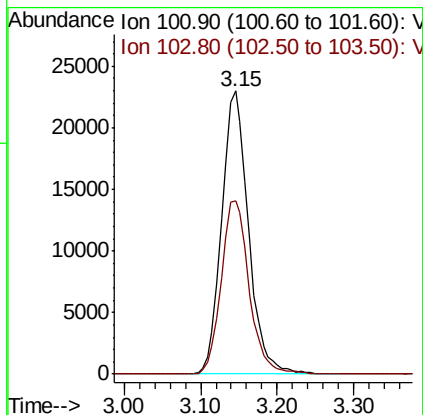
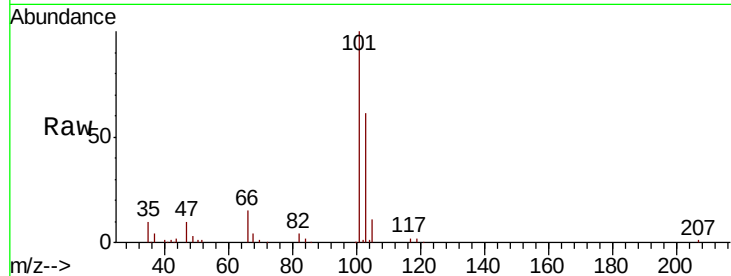


#7

Trichlorofluoromethane
Concen: 22.091 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

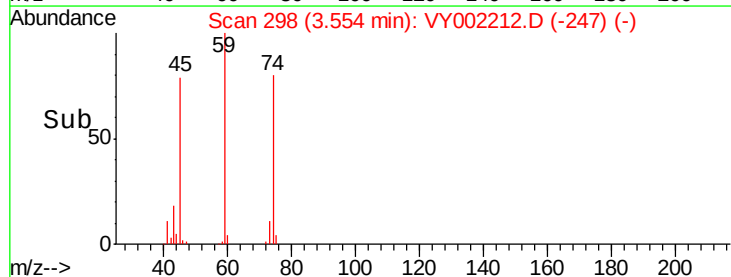
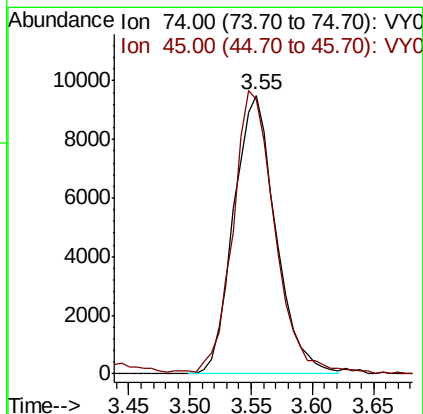
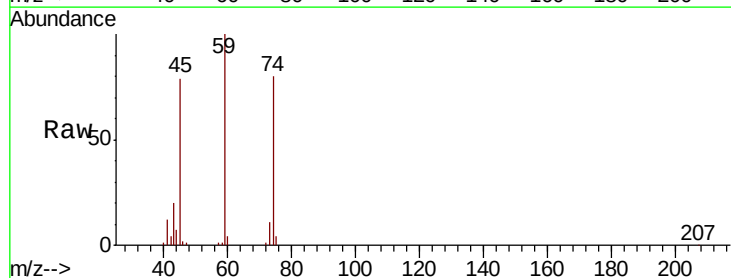
Tot Ion:101 Resp: 55690
Ion Ratio Lower Upper
101 100
103 61.4 50.6 76.0

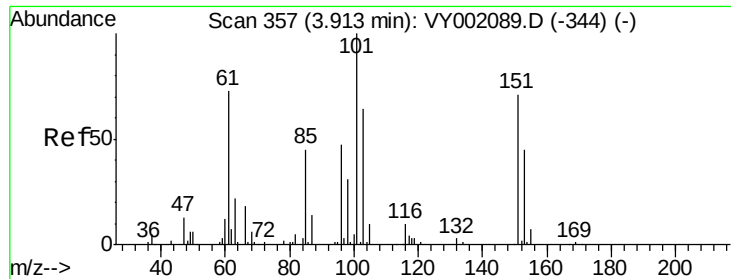


#8

Diethyl Ether
Concen: 21.217 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.01 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

Tgt Ion: 74 Resp: 22654
Ion Ratio Lower Upper
74 100
45 101.7 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.056 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

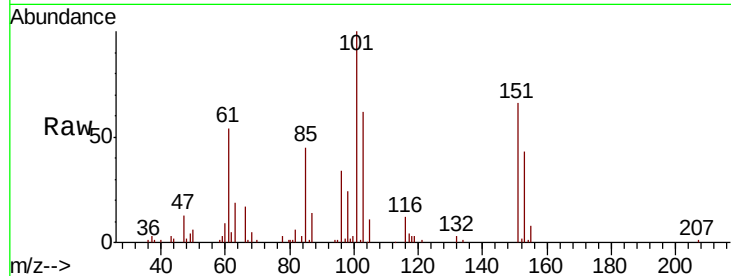
Tot Ion:101 Resp: 36479

Ion Ratio Lower Upper

101 100

85 44.3 35.9 53.9

151 69.5 57.5 86.3

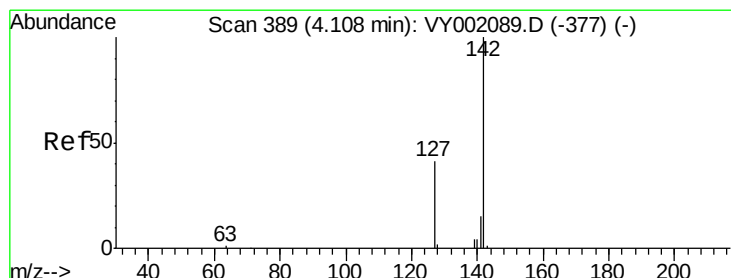
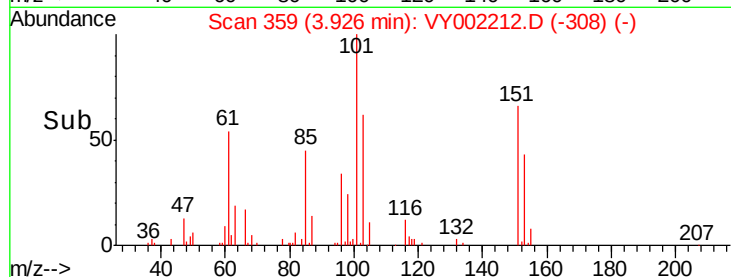
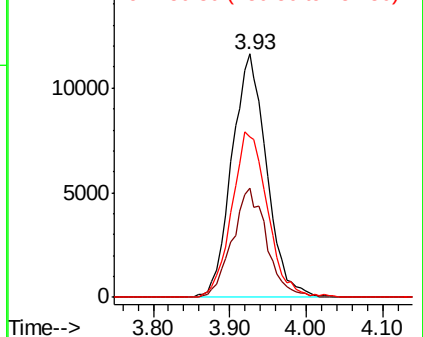


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.760 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

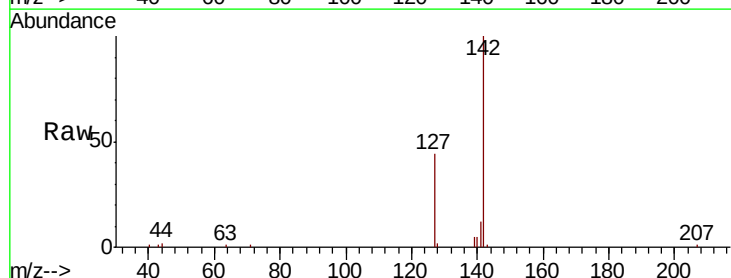
Tgt Ion:142 Resp: 38861

Ion Ratio Lower Upper

142 100

127 41.1 32.6 49.0

141 13.6 11.4 17.0

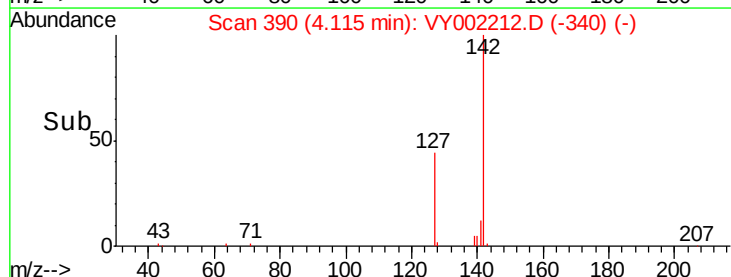
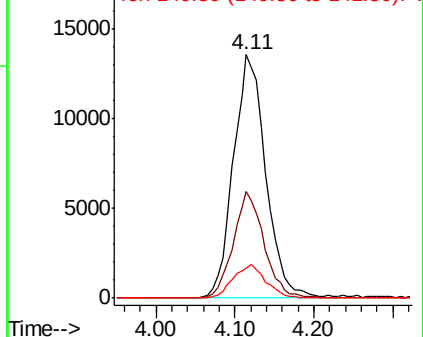


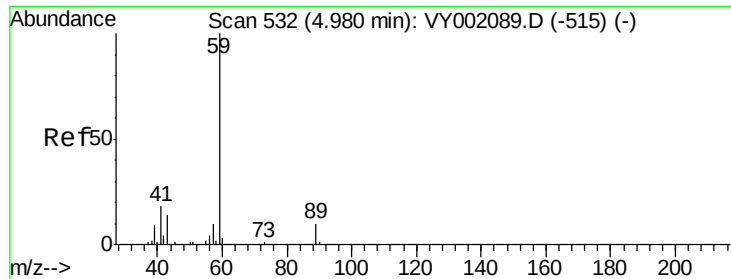
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



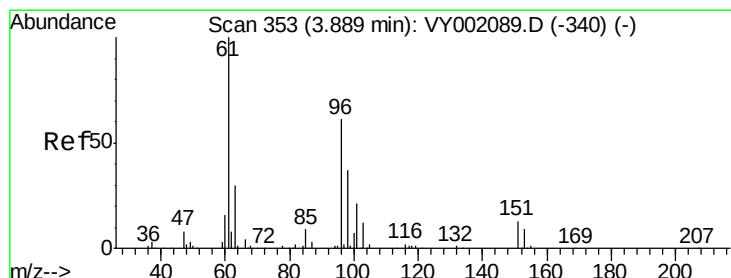
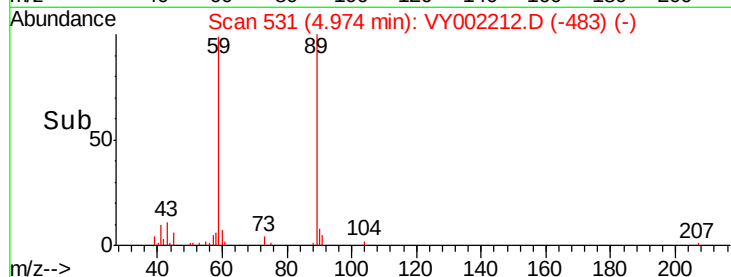
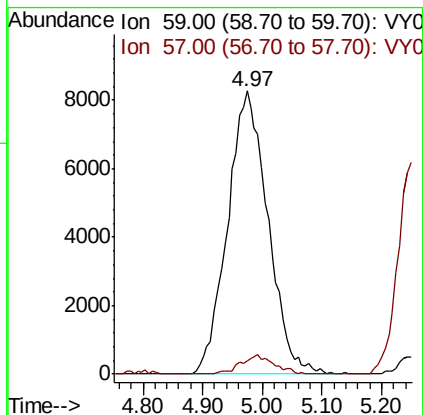
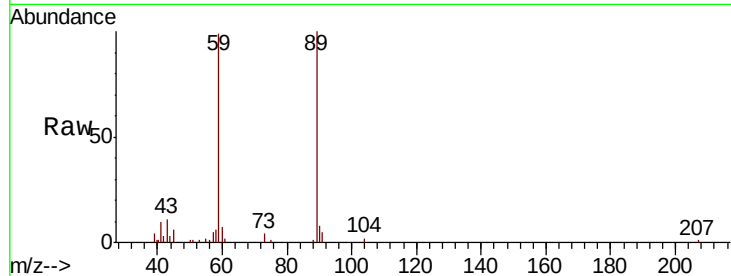


#11

Tert butyl alcohol
 Concen: 192.311 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

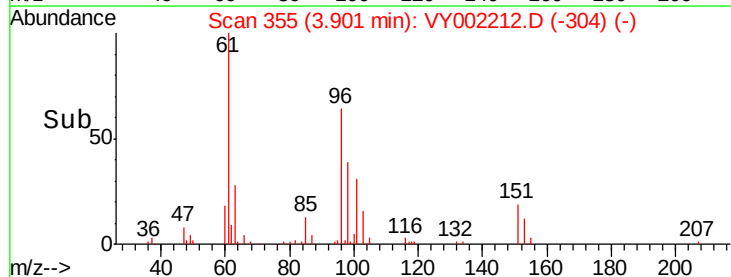
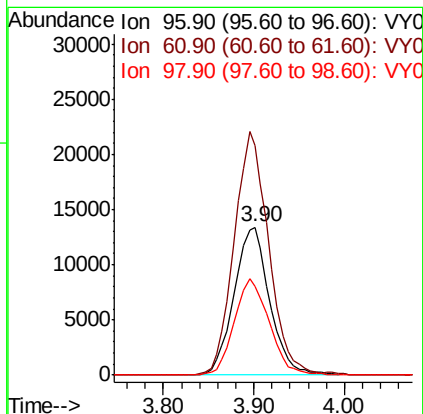
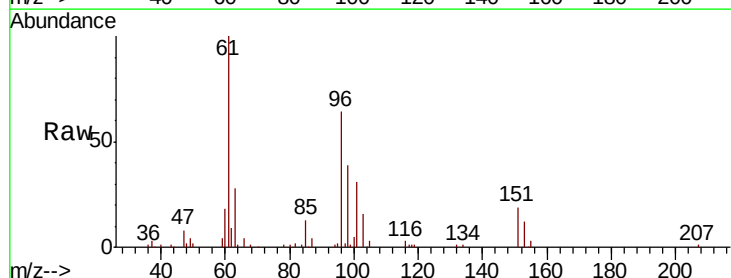
Tot Ion: 59 Resp: 38776
 Ion Ratio Lower Upper
 59 100
 57 5.6 7.7 11.5#

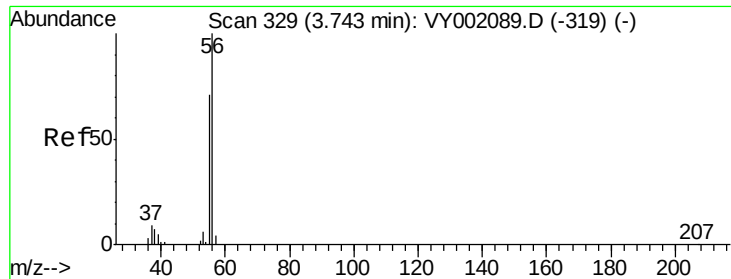


#12

1,1-Dichloroethene
 Concen: 21.675 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.01 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

Tgt Ion: 96 Resp: 36402
 Ion Ratio Lower Upper
 96 100
 61 155.8 132.0 198.0
 98 60.5 49.4 74.0





#13

Acrolein

Concen: 86.251 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

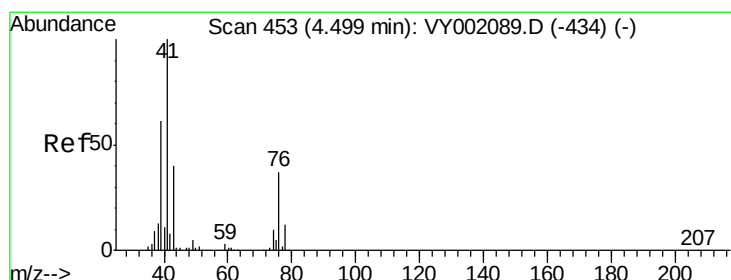
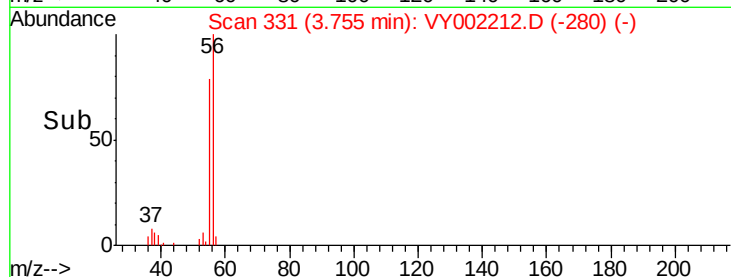
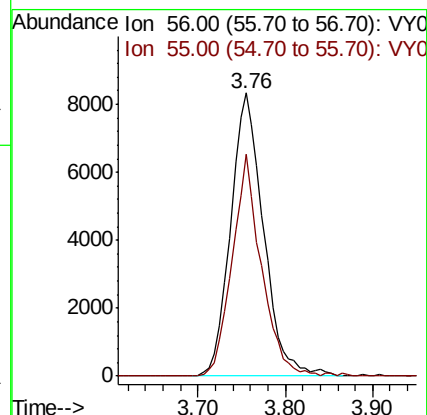
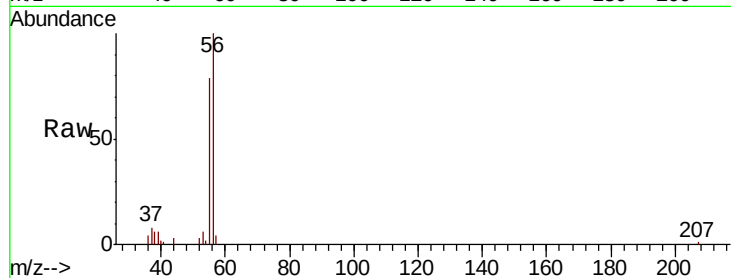
VY0403SBSD01

Tot Ion: 56 Resp: 21736

Ion Ratio Lower Upper

56 100

55 69.7 56.5 84.7



#14

Allyl chloride

Concen: 20.852 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.02 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

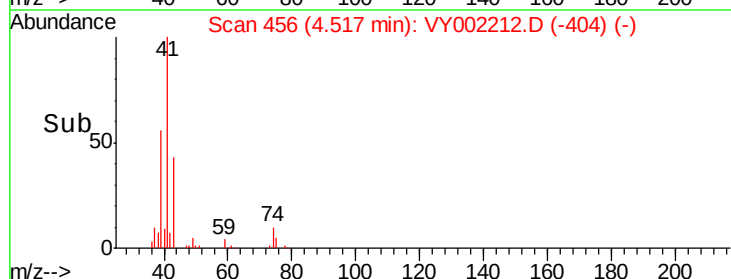
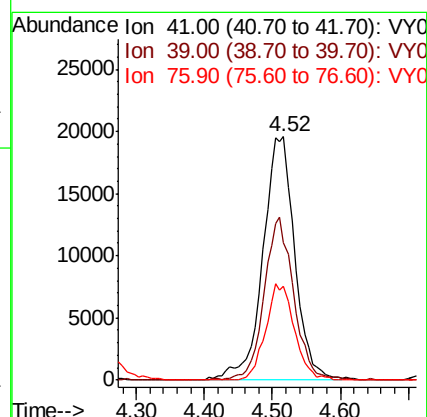
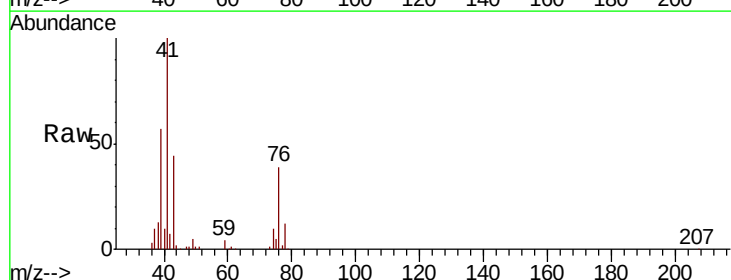
Tgt Ion: 41 Resp: 64109

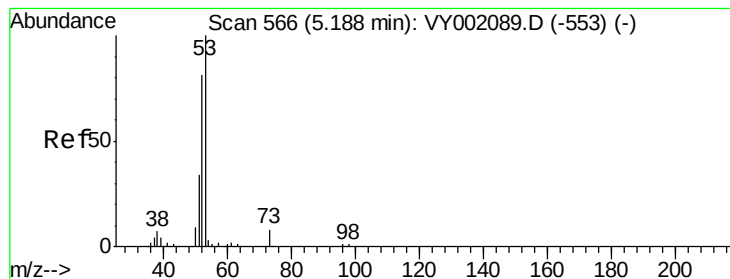
Ion Ratio Lower Upper

41 100

39 62.1 49.0 73.4

76 35.6 27.8 41.8





#15

Acrylonitrile

Concen: 106.262 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

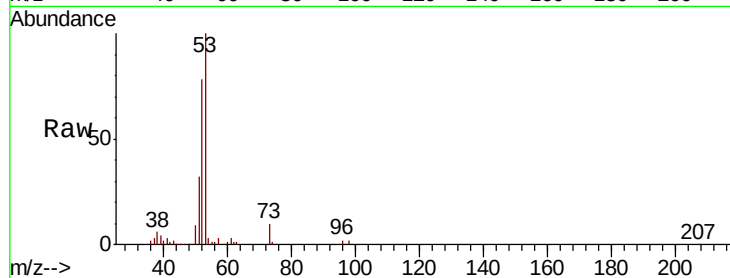
Tot Ion: 53 Resp: 59468

Ion Ratio Lower Upper

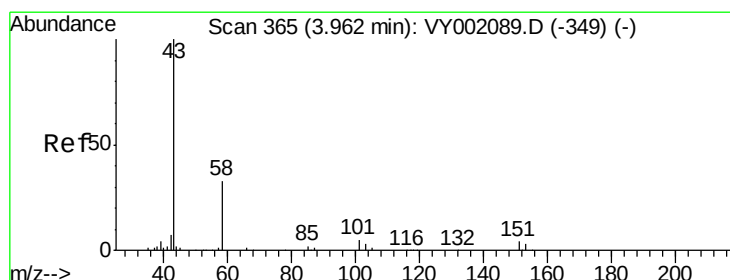
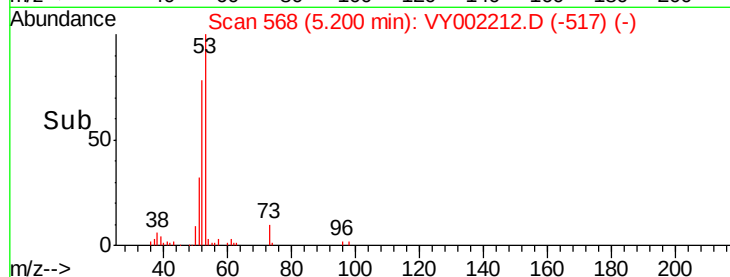
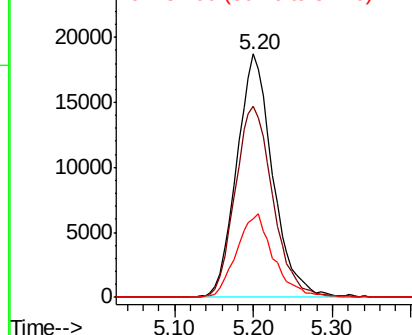
53 100

52 82.1 64.6 97.0

51 35.2 27.9 41.9



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



#16

Acetone

Concen: 103.485 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002212.D

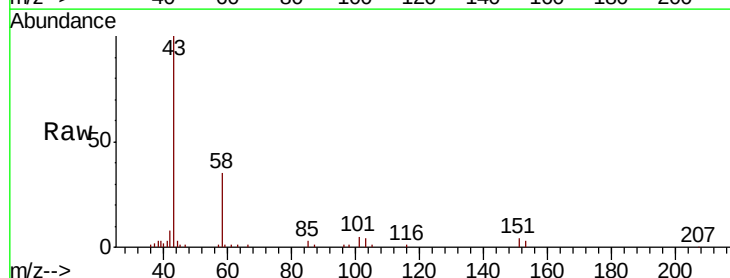
Acq: 03 Apr 2020 12:14

Tgt Ion: 43 Resp: 49746

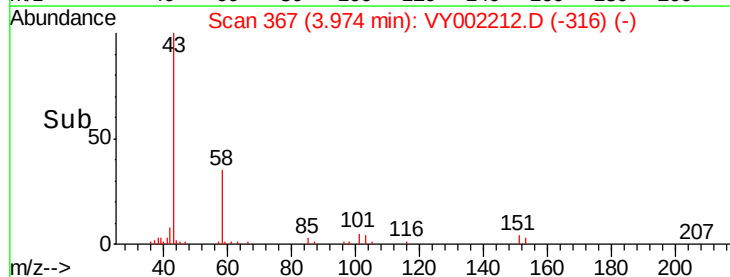
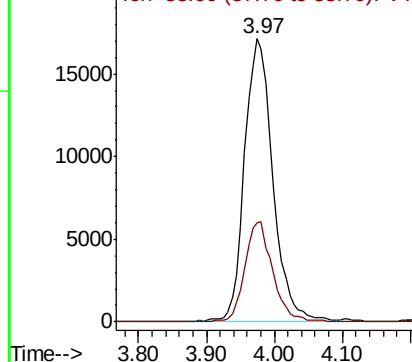
Ion Ratio Lower Upper

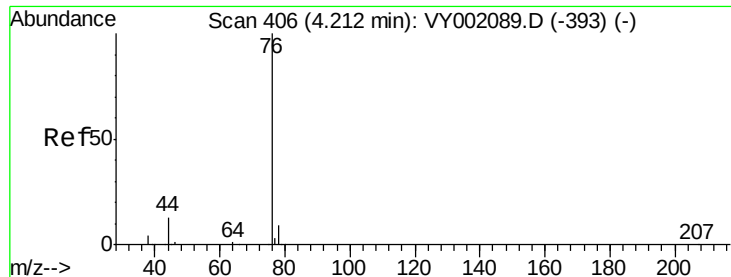
43 100

58 34.9 26.3 39.5



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





#17

Carbon Disulfide

Concen: 21.231 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

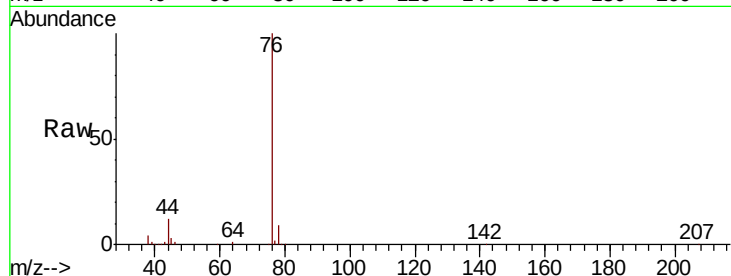
VY0403SBSD01

Tot Ion: 76 Resp: 118331

Ion Ratio Lower Upper

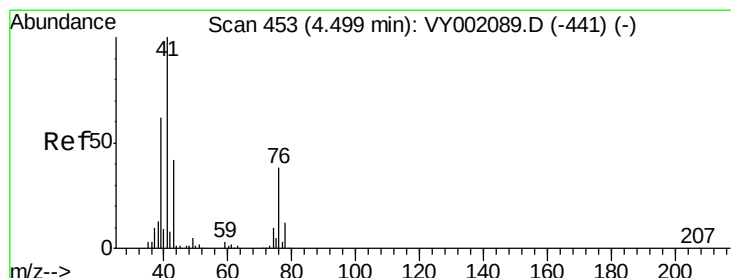
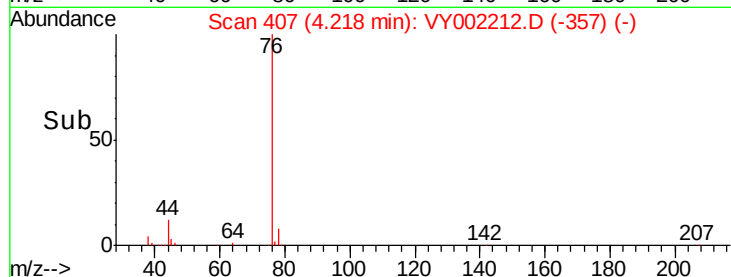
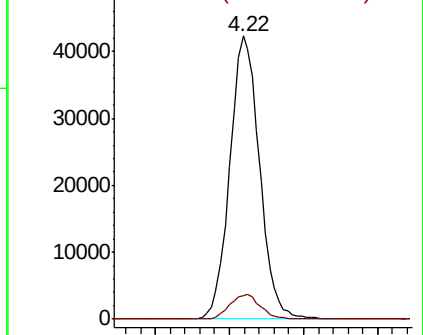
76 100

78 8.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 21.705 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002212.D

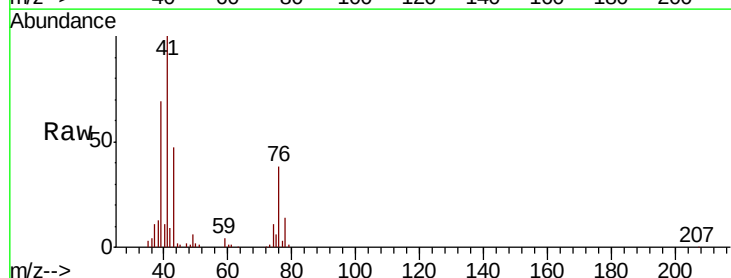
Acq: 03 Apr 2020 12:14

Tgt Ion: 43 Resp: 27094

Ion Ratio Lower Upper

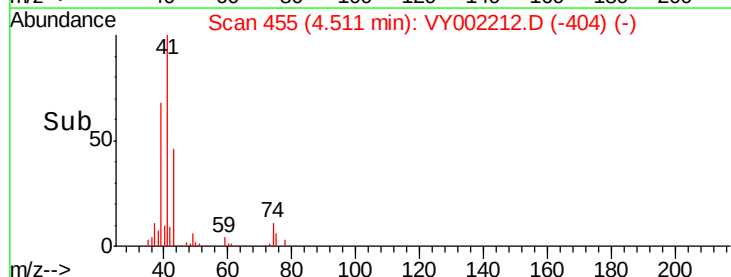
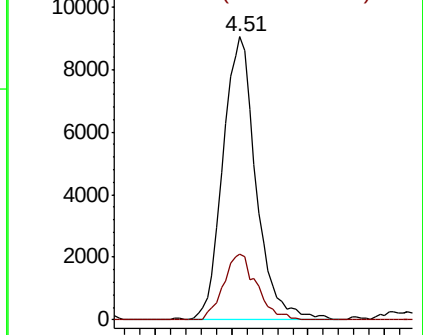
43 100

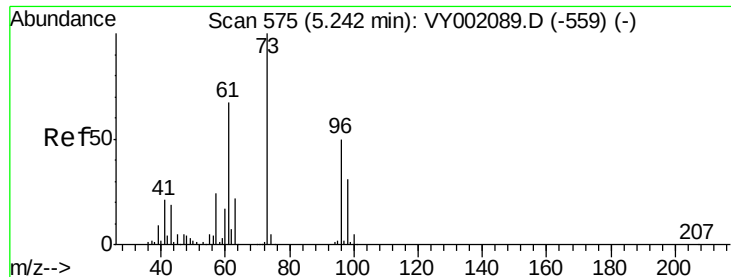
74 23.1 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

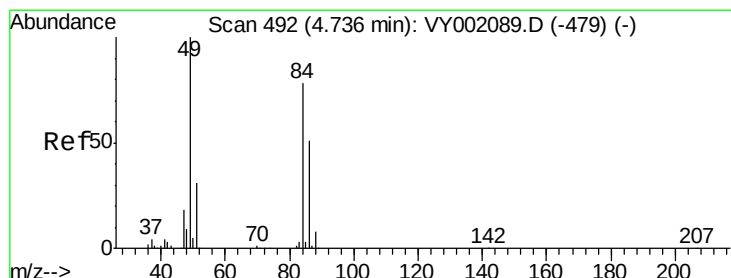
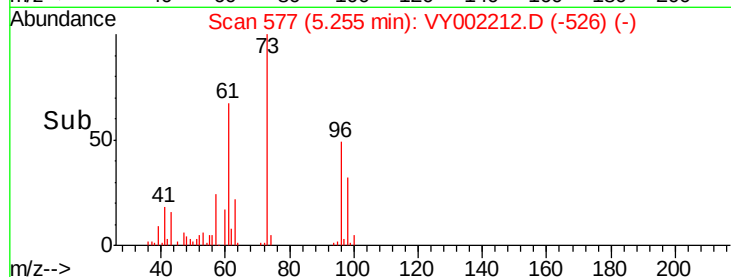
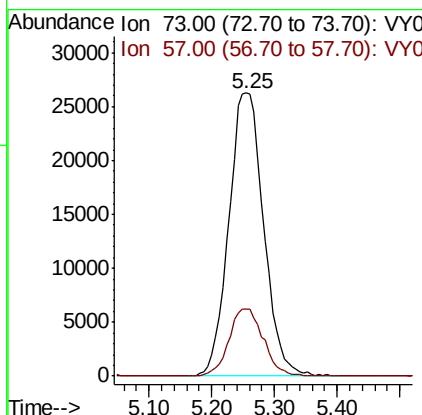
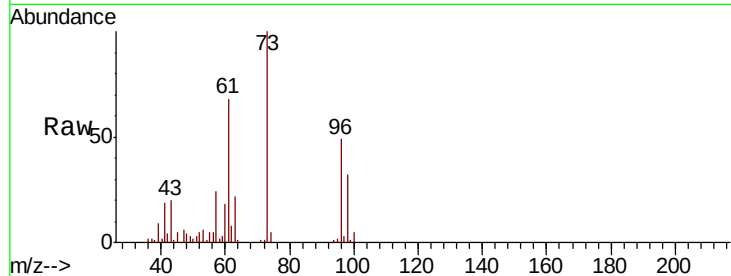




#19
Methyl tert-butyl Ether
Concen: 21.487 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

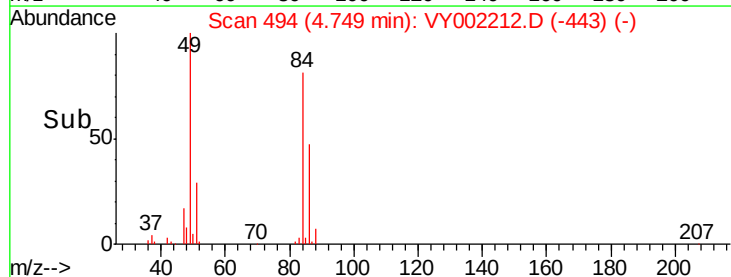
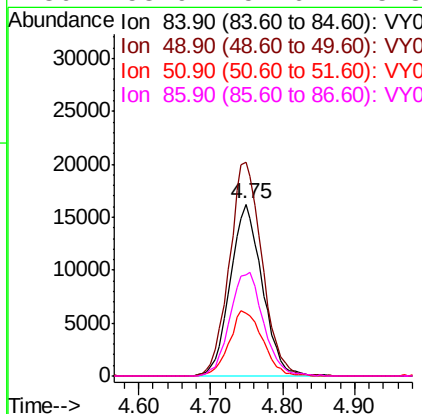
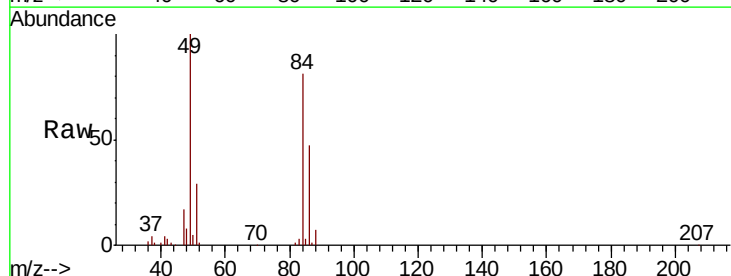
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

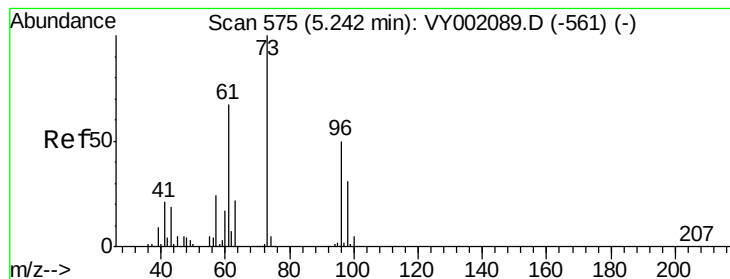
Tot Ion: 73 Resp: 100671
Ion Ratio Lower Upper
73 100
57 23.7 19.0 28.6



#20
Methylene Chloride
Concen: 22.343 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

Tgt Ion: 84 Resp: 50106
Ion Ratio Lower Upper
84 100
49 124.2 102.2 153.4
51 36.5 31.2 46.8
86 58.9 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 21.658 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

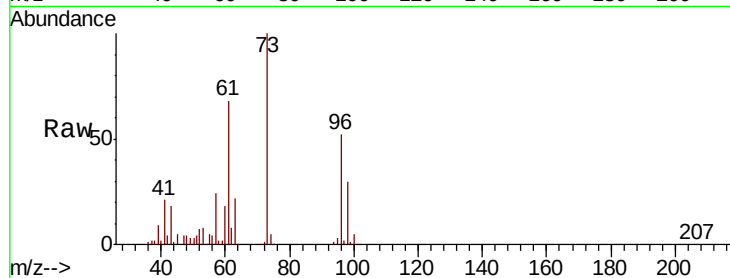
Tot Ion: 96 Resp: 41415

Ion Ratio Lower Upper

96 100

61 132.6 107.7 161.5

98 58.6 50.5 75.7

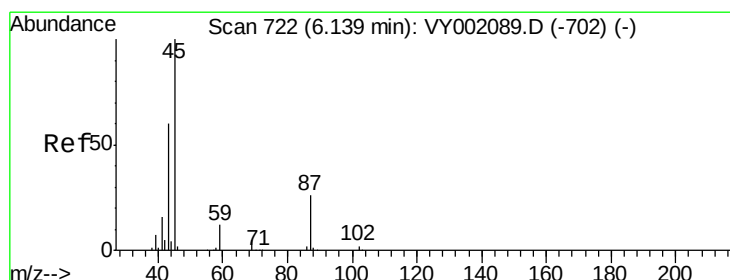
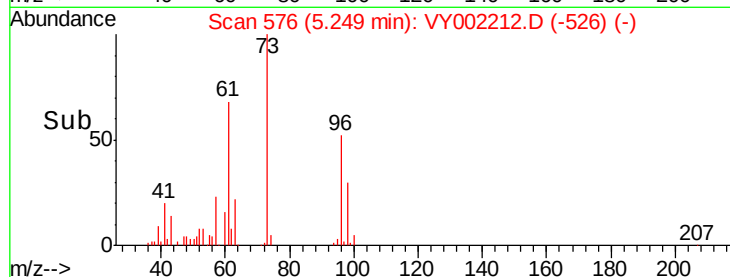
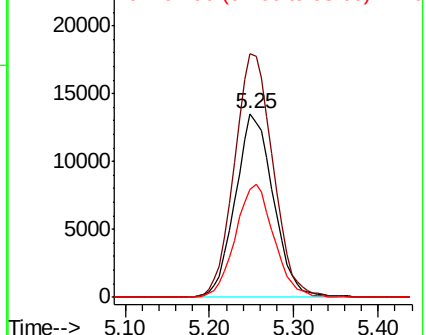


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.190 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Tgt Ion: 45 Resp: 133323

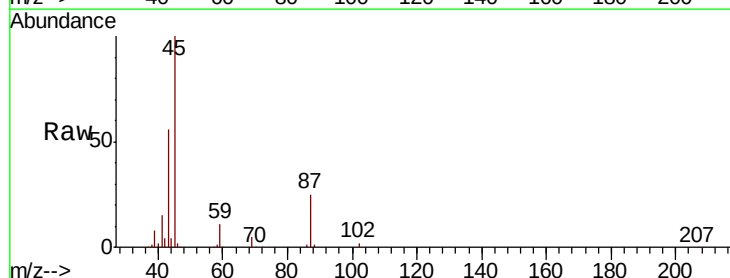
Ion Ratio Lower Upper

45 100

43 56.0 48.1 72.1

87 25.0 21.1 31.7

59 11.2 9.2 13.8



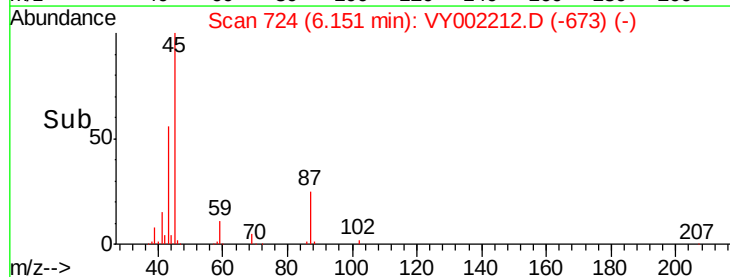
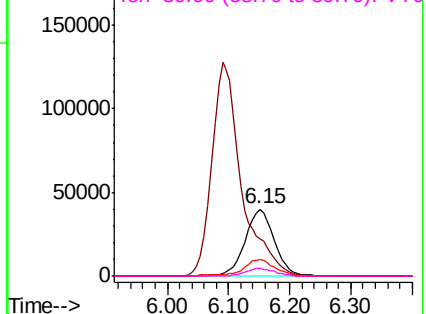
Abundance

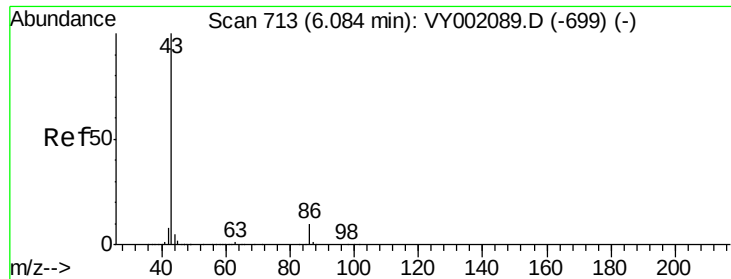
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 105.021 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

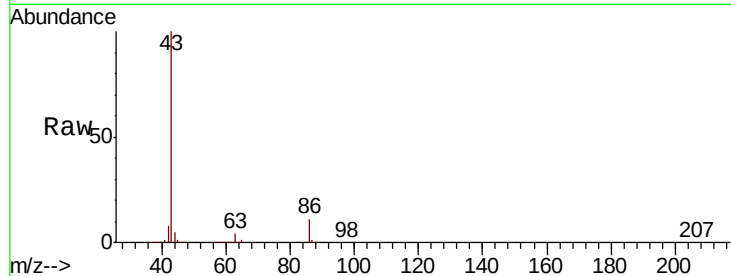
VY0403SBS01

Tot Ion: 43 Resp: 433299

Ion Ratio Lower Upper

43 100

86 10.8 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

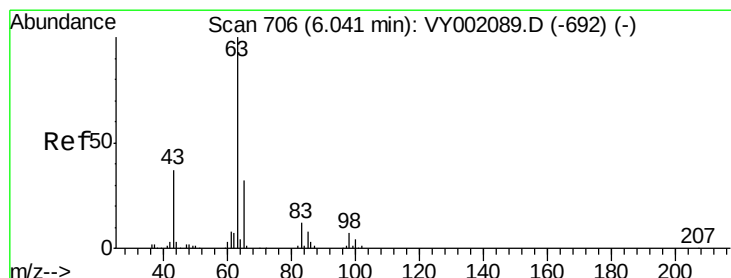
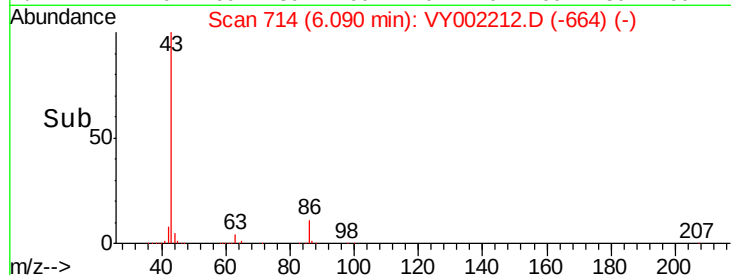
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 21.319 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

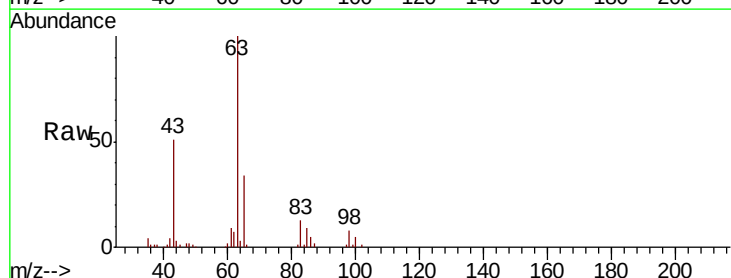
Tgt Ion: 63 Resp: 71319

Ion Ratio Lower Upper

63 100

98 8.0 3.3 9.9

100 4.7 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

30000

25000

20000

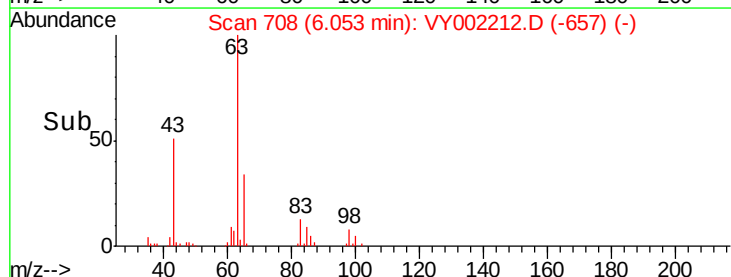
15000

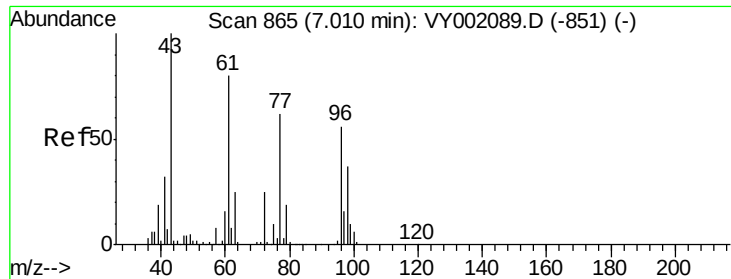
10000

5000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 105.814 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

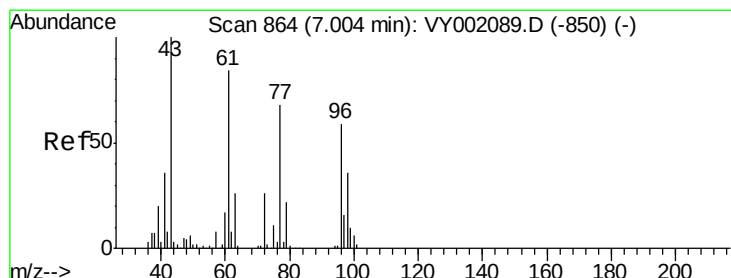
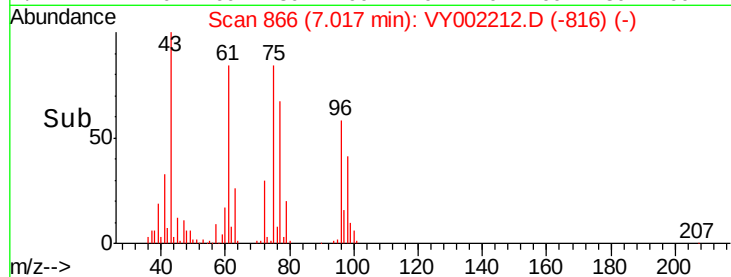
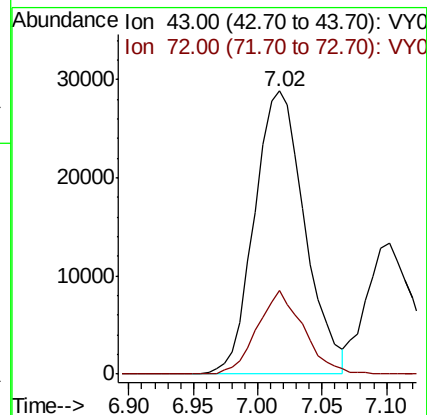
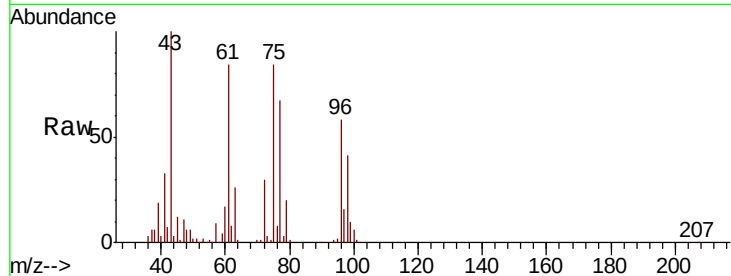
VY0403SBS01

Tot Ion: 43 Resp: 78104

Ion Ratio Lower Upper

43 100

72 29.6 20.2 30.2



#26

2,2-Dichloropropane

Concen: 21.957 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002212.D

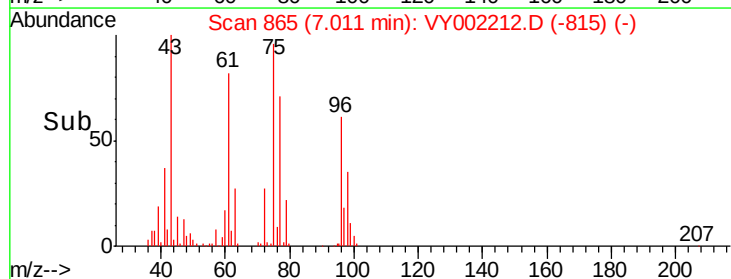
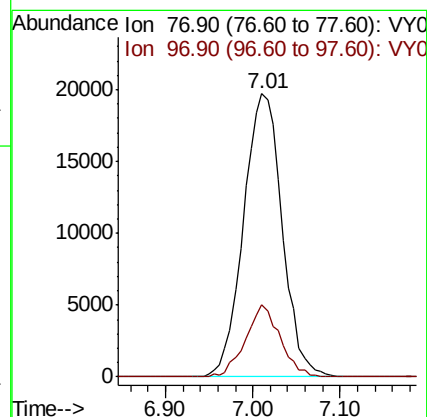
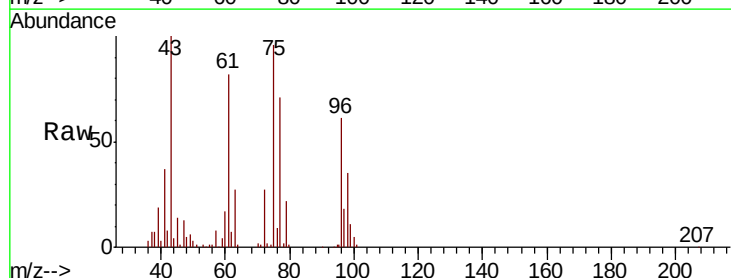
Acq: 03 Apr 2020 12:14

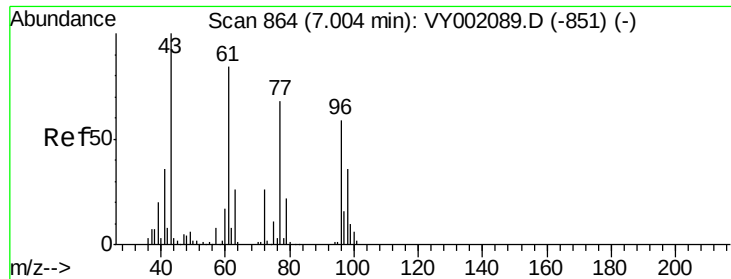
Tgt Ion: 77 Resp: 60495

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.1



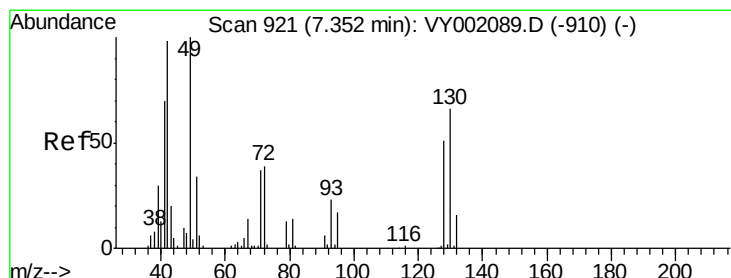
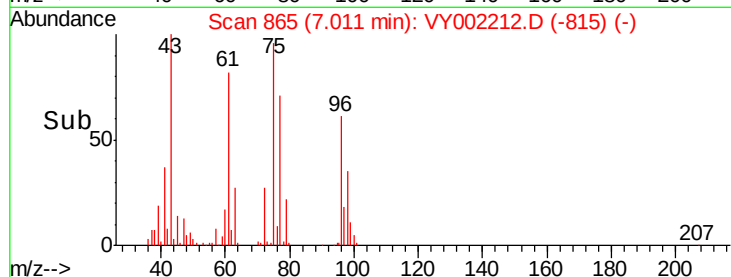
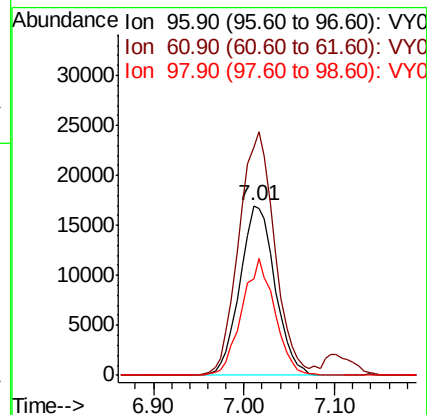
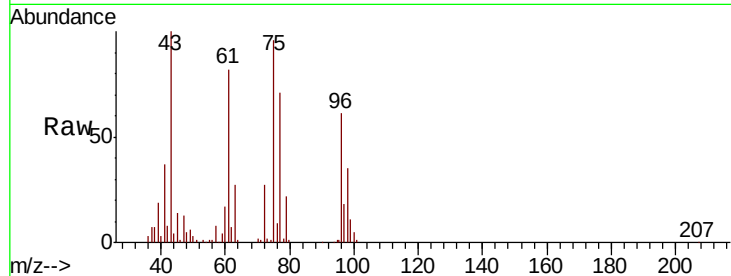


#27

cis-1,2-Dichloroethene
Concen: 21.704 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

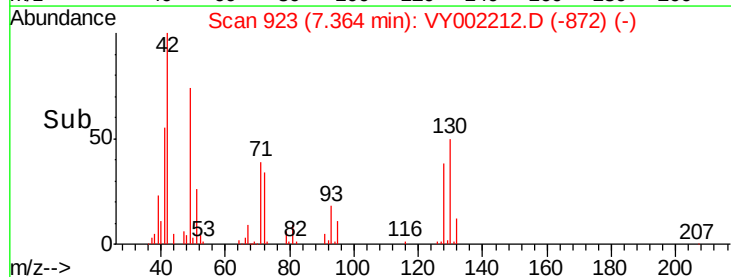
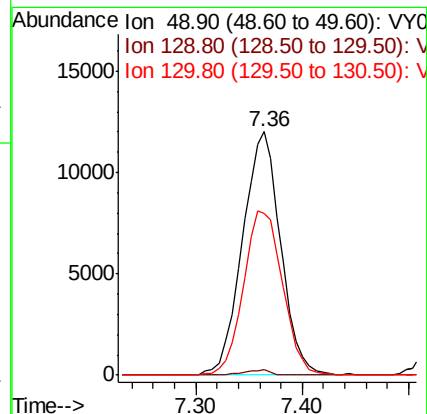
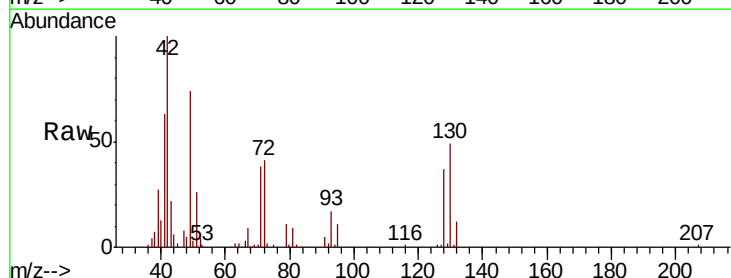
Tot Ion: 96 Resp: 45659
Ion Ratio Lower Upper
96 100
61 145.8 0.0 290.6
98 64.3 0.0 128.0

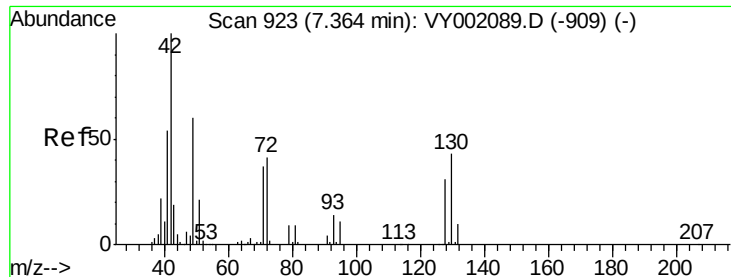


#28

Bromochloromethane
Concen: 19.712 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

Tgt Ion: 49 Resp: 30106
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.4
130 69.4 54.1 81.1

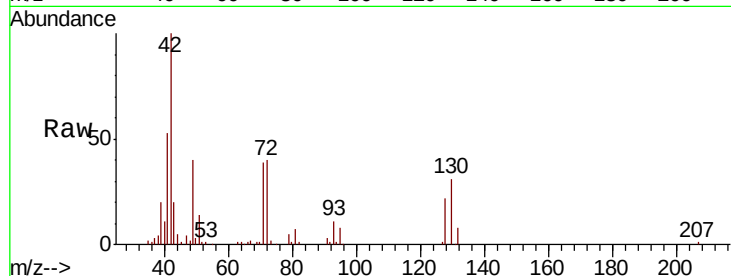




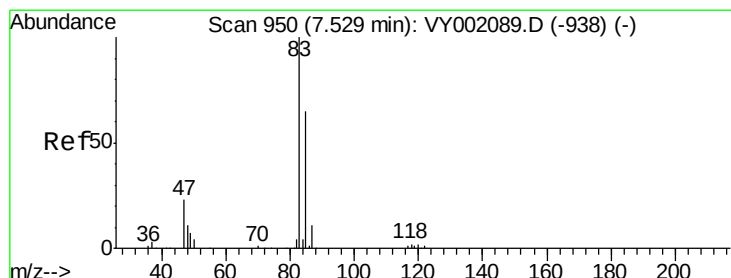
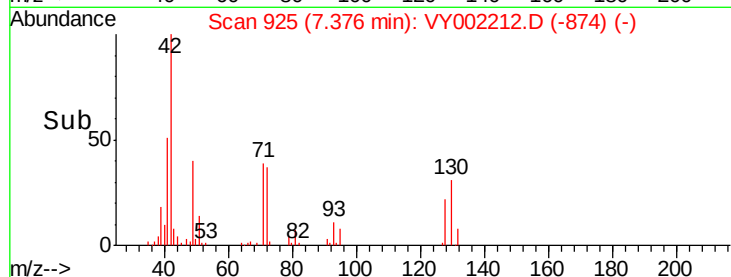
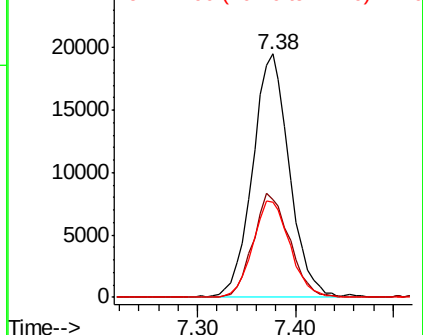
#29
Tetrahydrofuran
Concen: 105.068 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	33.0	49.4
71	40.1	31.2	46.8

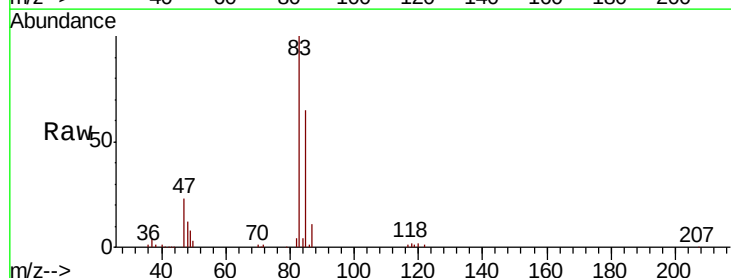


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

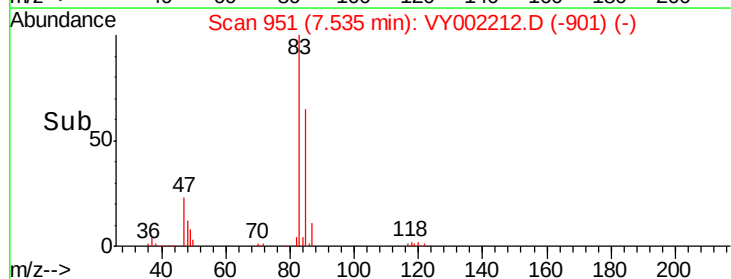
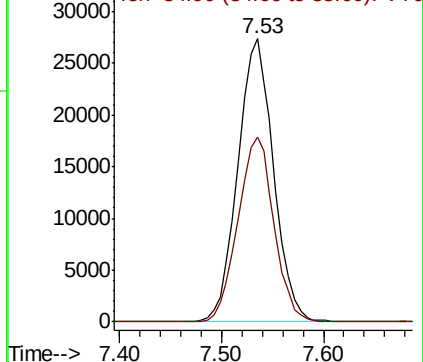


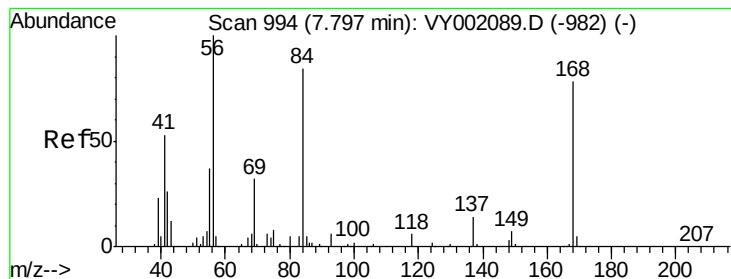
#30
Chloroform
Concen: 20.924 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.4	78.6



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





#31

Cyclohexane

Concen: 20.714 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

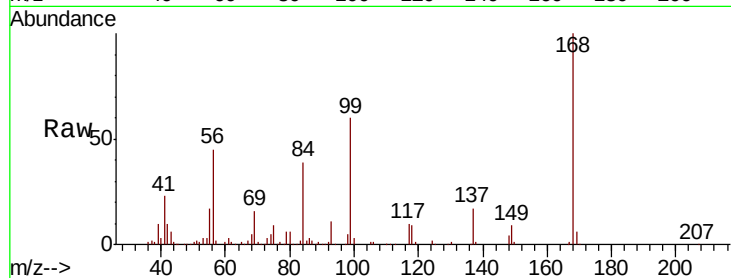
Tot Ion: 56 Resp: 73838

Ion Ratio Lower Upper

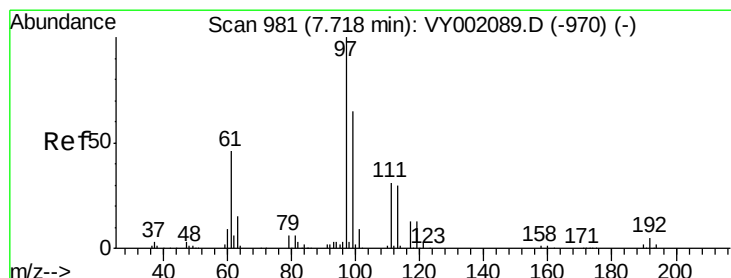
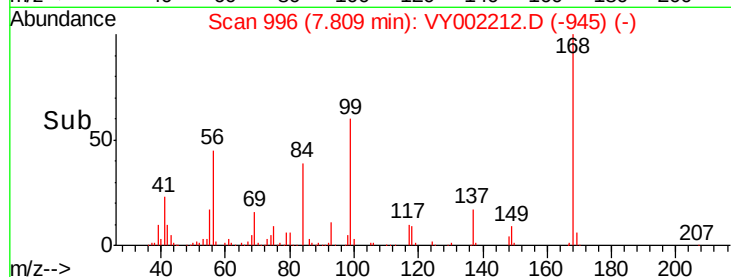
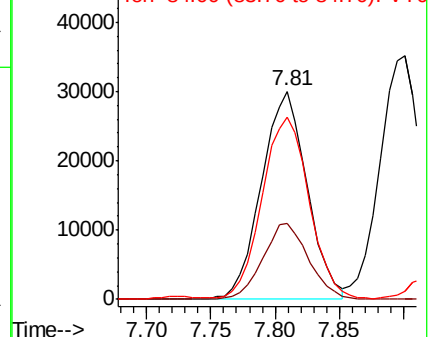
56 100

69 36.7 25.8 38.8

84 86.5 67.1 100.7



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: 21.234 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

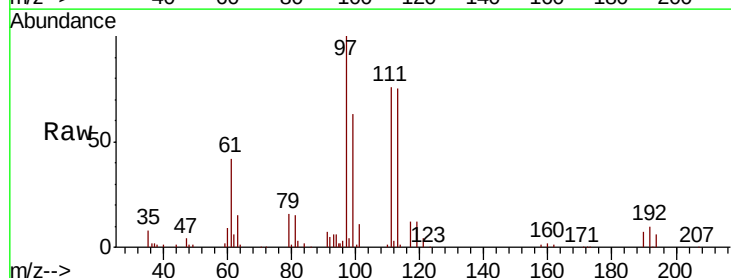
Tgt Ion: 97 Resp: 56217

Ion Ratio Lower Upper

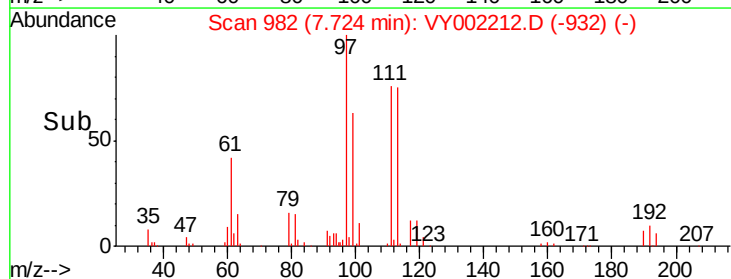
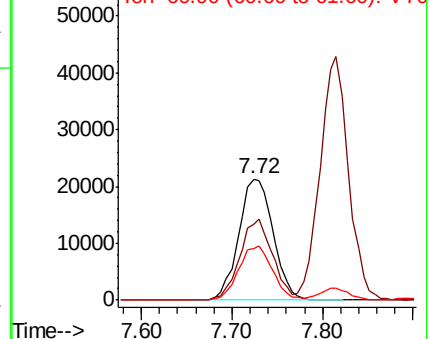
97 100

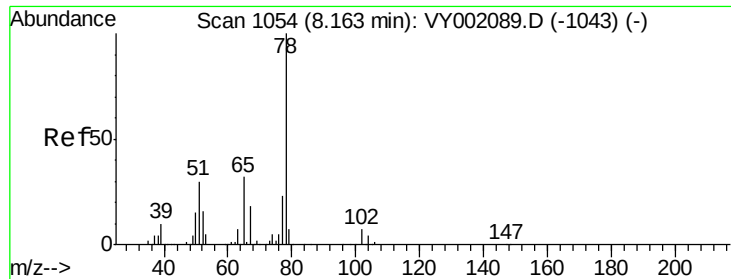
99 63.4 52.0 78.0

61 44.1 35.7 53.5



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

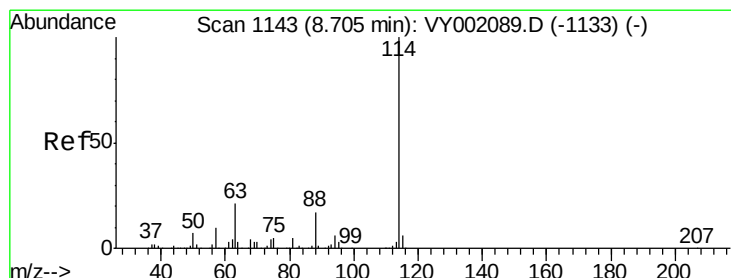
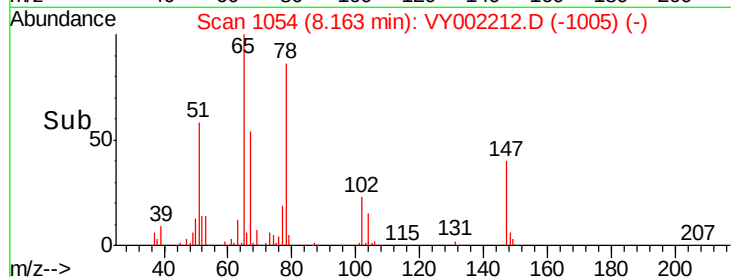
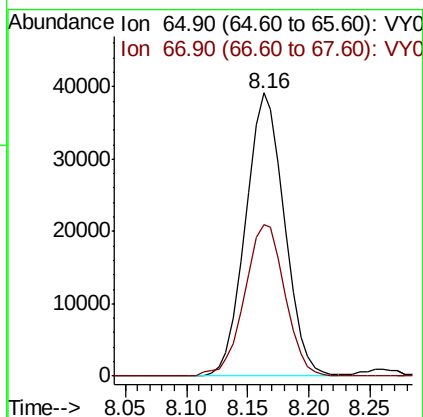
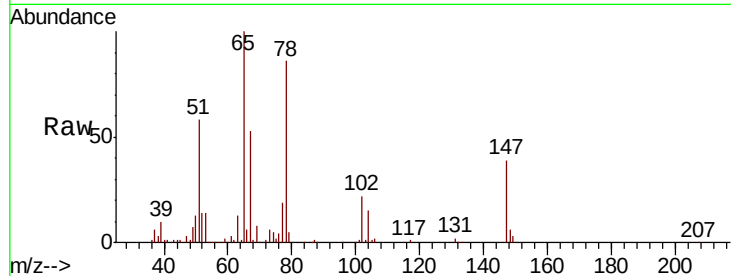




#33
 1,2-Dichloroethane-d4
 Concen: 50.574 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

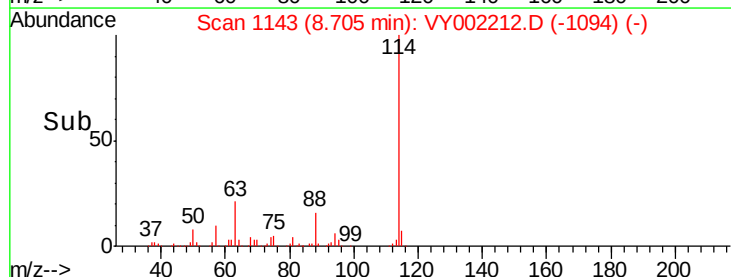
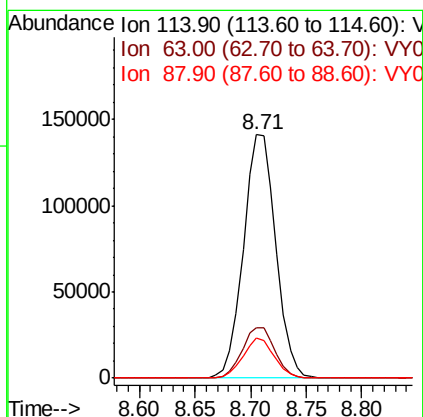
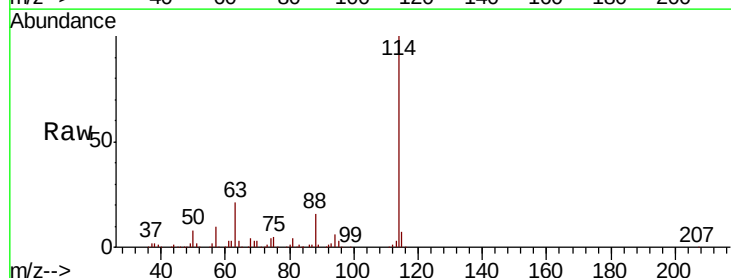
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

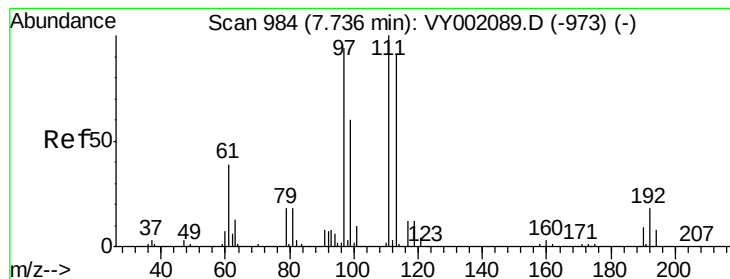
Tot Ion: 65 Resp: 86533
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

Tgt Ion: 114 Resp: 285041
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.786 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

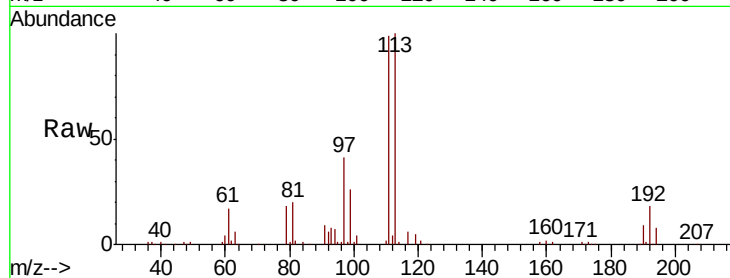
Tot Ion:113 Resp: 79514

Ion Ratio Lower Upper

113 100

111 104.3 84.4 126.6

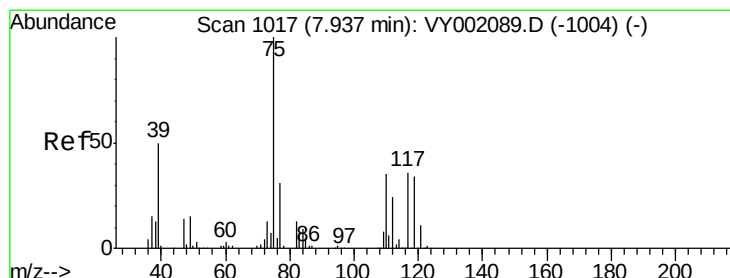
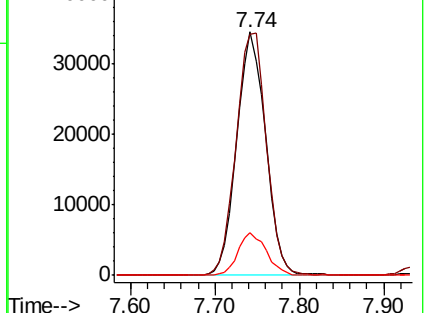
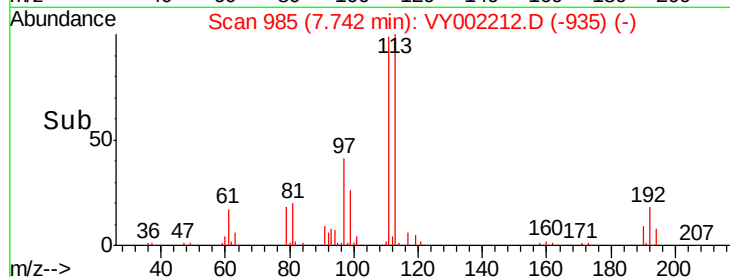
192 17.2 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.588 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

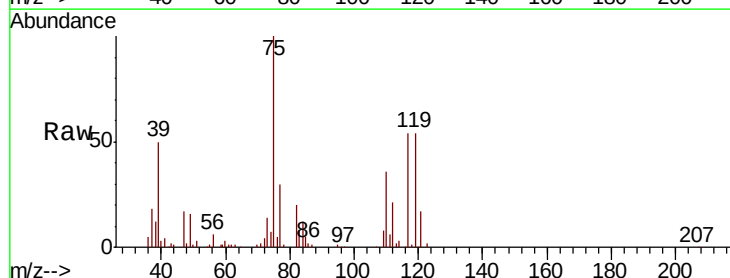
Tgt Ion: 75 Resp: 55506

Ion Ratio Lower Upper

75 100

110 35.8 17.2 51.6

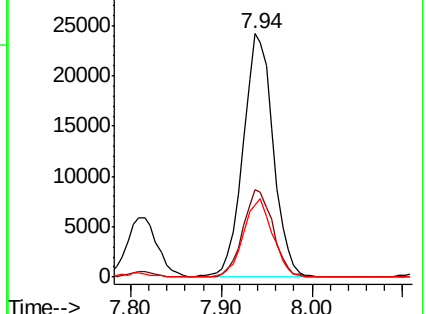
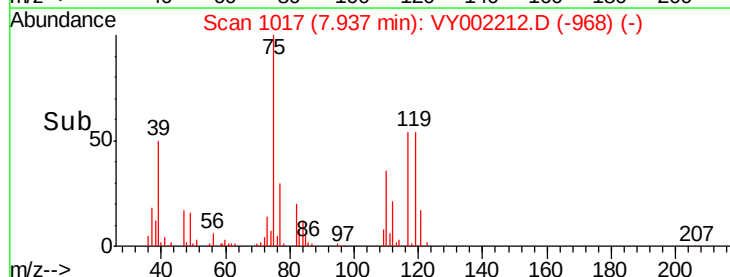
77 31.6 24.7 37.1

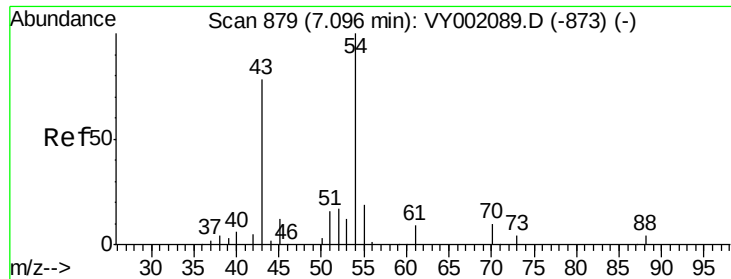


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

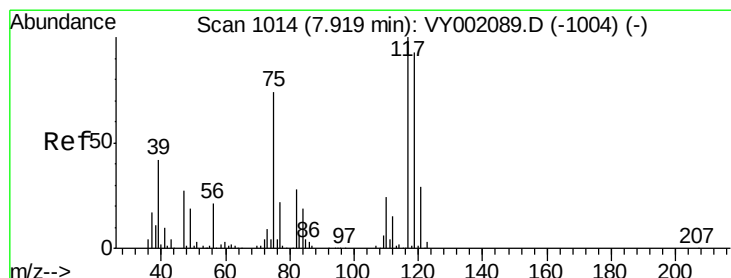
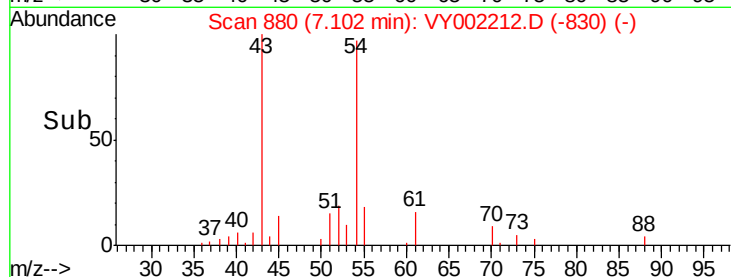
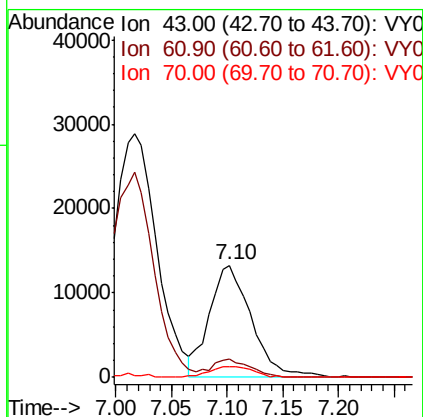
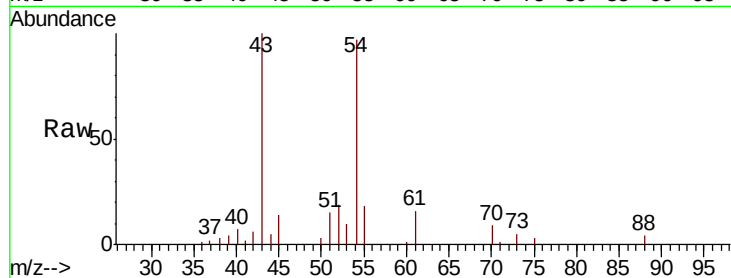




#37
Ethyl Acetate
Concen: 21.090 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

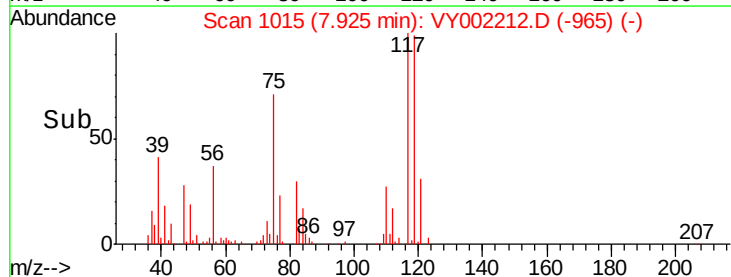
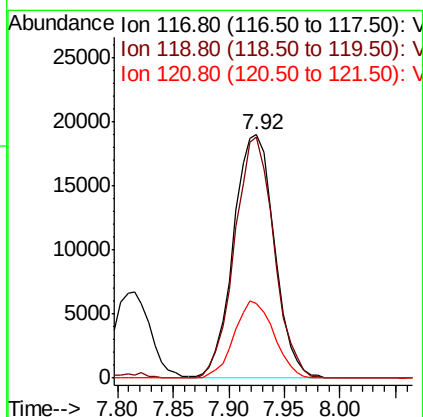
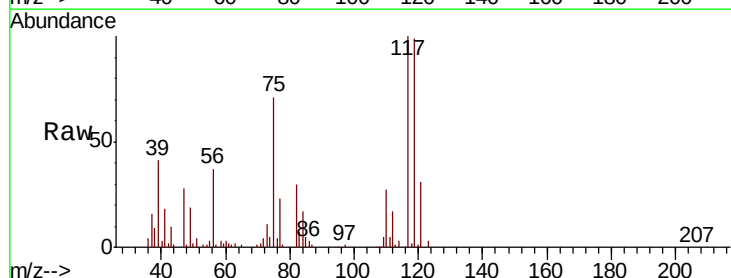
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

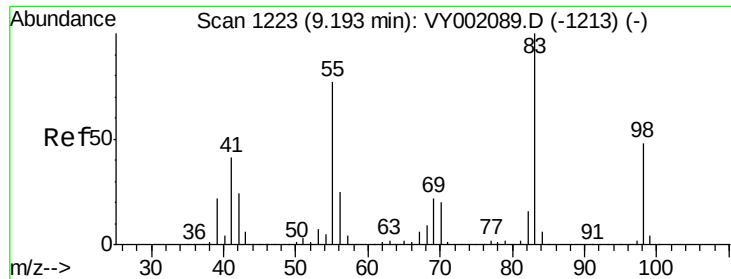
Tot Ion: 43 Resp: 34362
Ion Ratio Lower Upper
43 100
61 14.9 11.2 16.8
70 10.7 8.2 12.4



#38
Carbon Tetrachloride
Concen: 21.198 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

Tgt Ion: 117 Resp: 48488
Ion Ratio Lower Upper
117 100
119 98.8 74.3 111.5
121 30.8 23.3 34.9

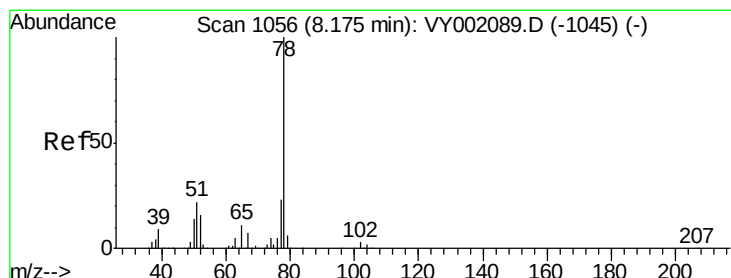
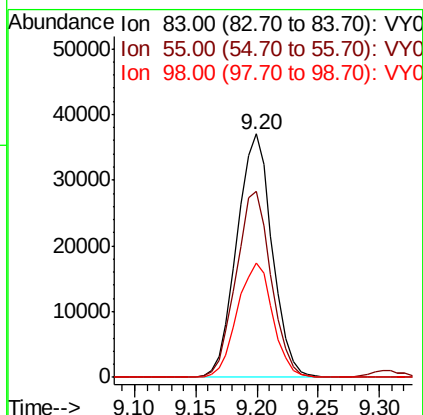
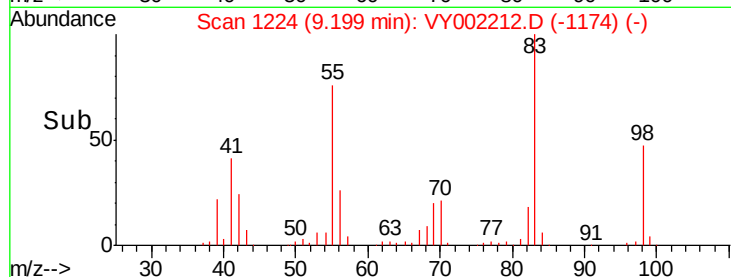
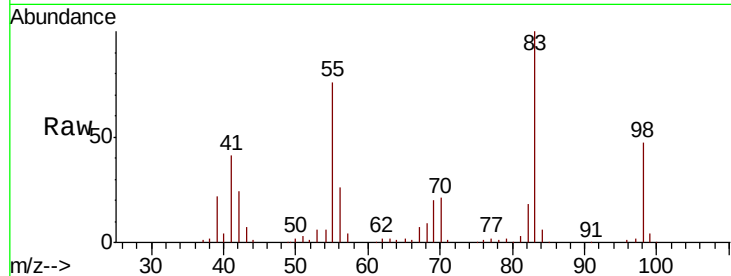




#39
Methylvlcyclohexane
Concen: 21.003 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

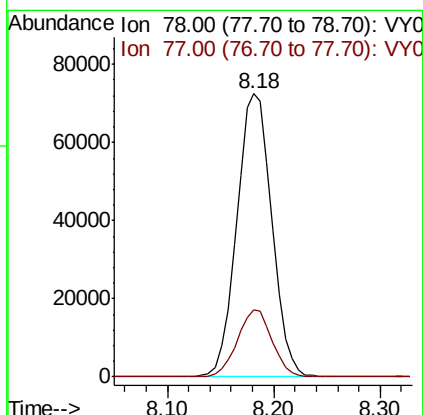
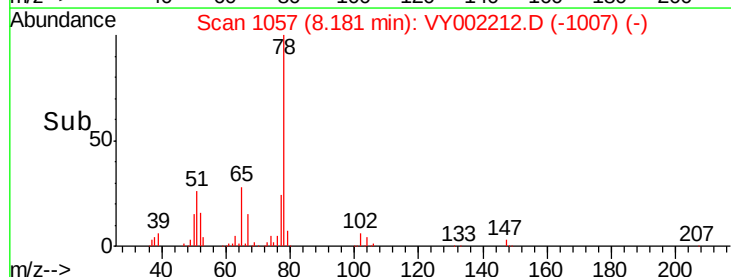
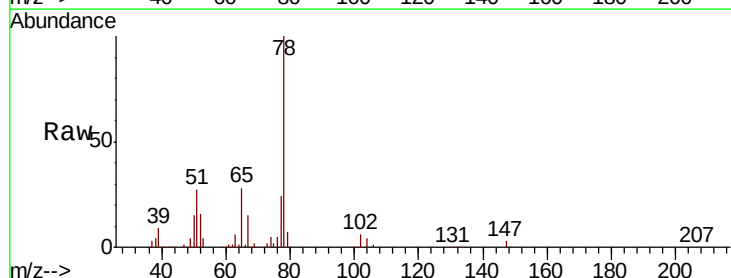
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

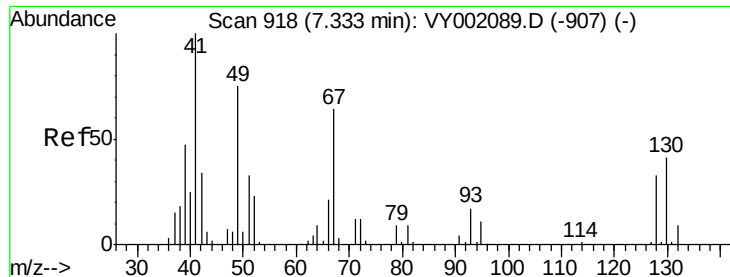
Tot Ion: 83 Resp: 74275
Ion Ratio Lower Upper
83 100
55 76.2 61.2 91.8
98 47.0 38.2 57.2



#40
Benzene
Concen: 20.934 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

Tgt Ion: 78 Resp: 167183
Ion Ratio Lower Upper
78 100
77 23.9 18.2 27.4

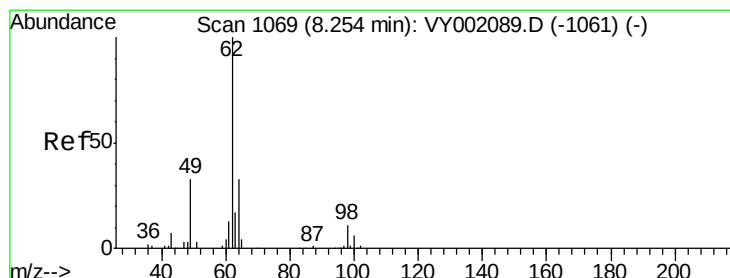
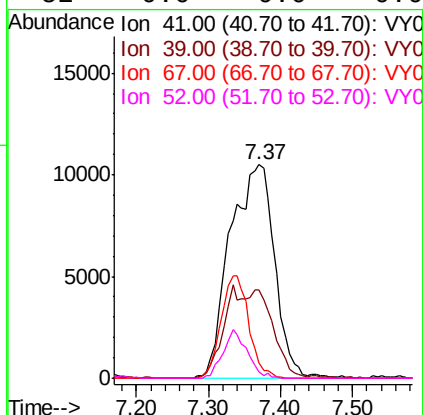
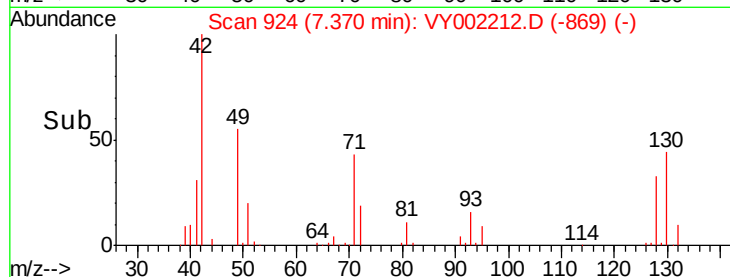
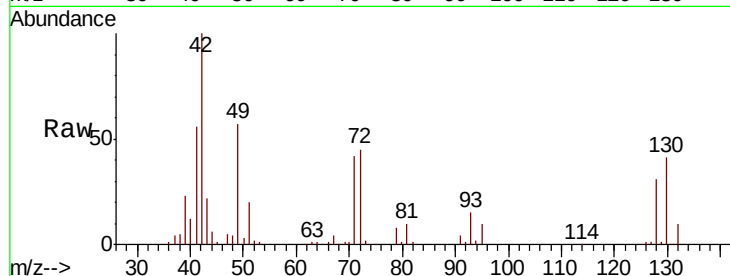




#41
Methacrylonitrile
Concen: 54.601 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.04 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

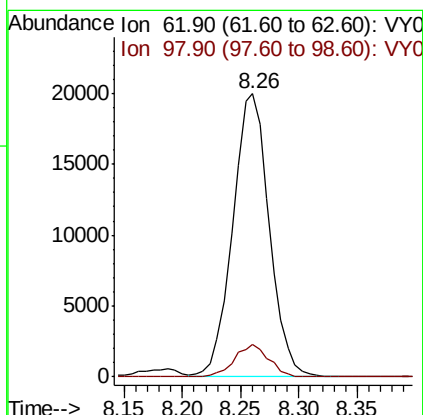
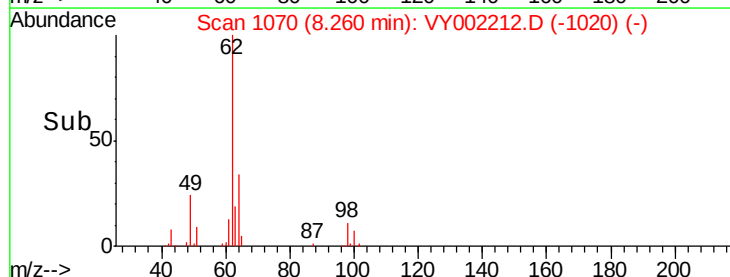
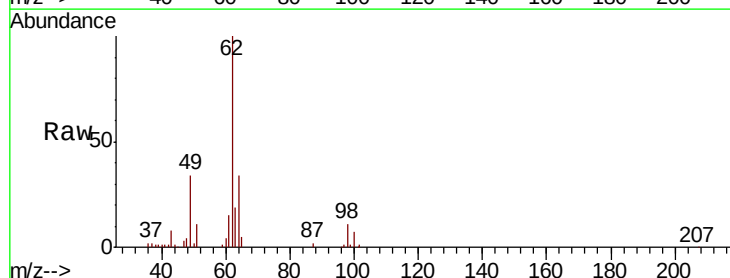
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

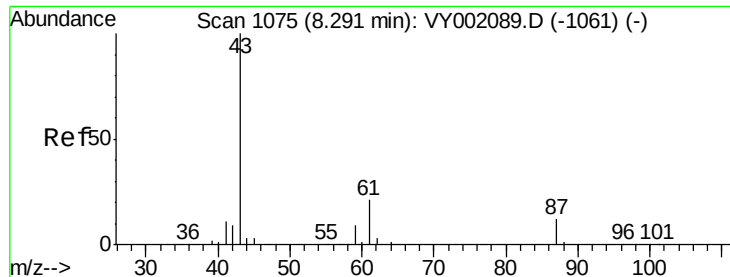
Tot Ion:	41	Resp:	44998
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.581 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

Tgt Ion:	62	Resp:	43637
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.2





#43

Isopropyl Acetate

Concen: 20.310 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

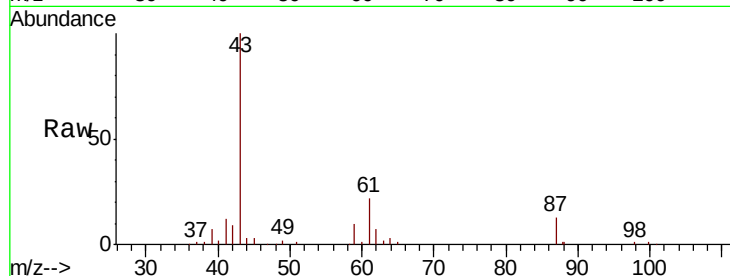
Tot Ion: 43 Resp: 61415

Ion Ratio Lower Upper

43 100

61 29.4 23.4 35.2

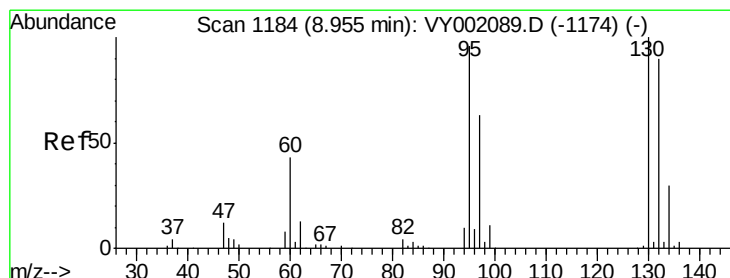
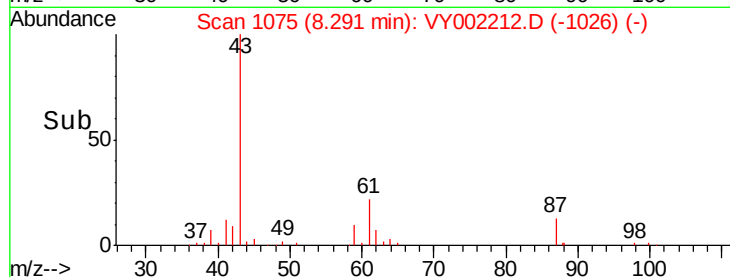
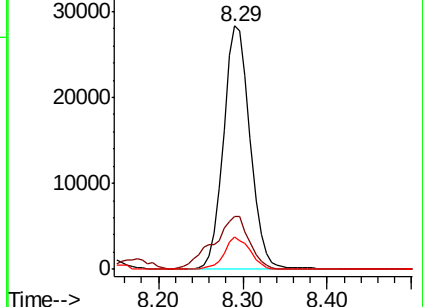
87 12.8 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 21.290 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VY002212.D

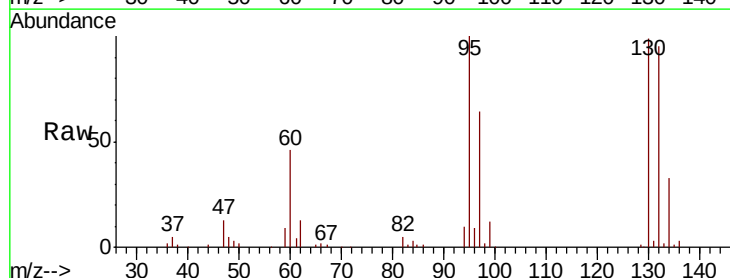
Acq: 03 Apr 2020 12:14

Tgt Ion:130 Resp: 40985

Ion Ratio Lower Upper

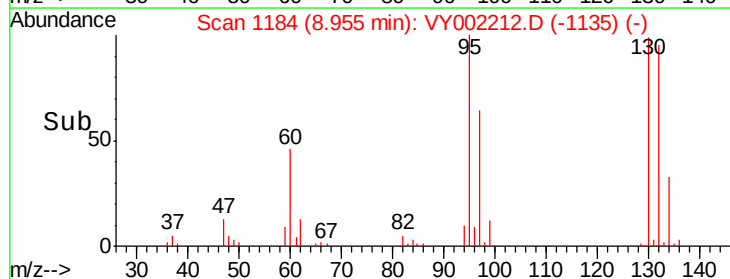
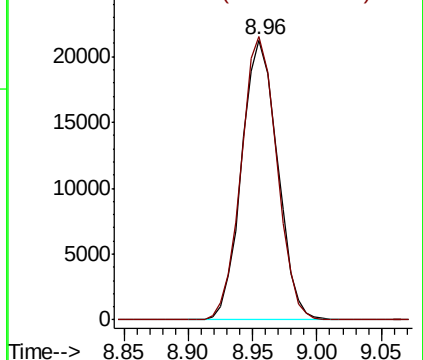
130 100

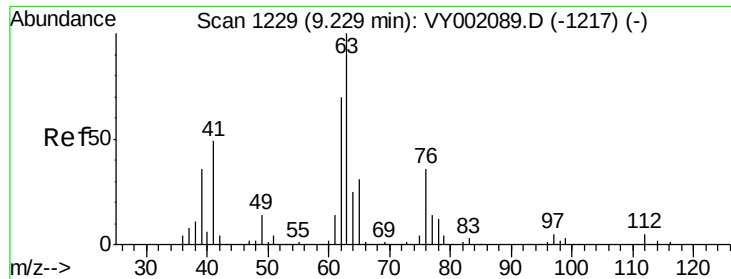
95 101.2 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 21.079 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

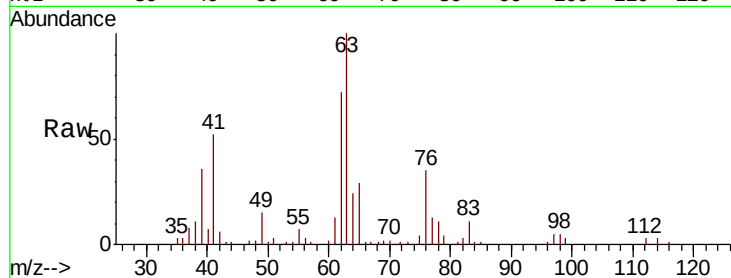
VY0403SBS01

Tot Ion: 63 Resp: 42864

Ion Ratio Lower Upper

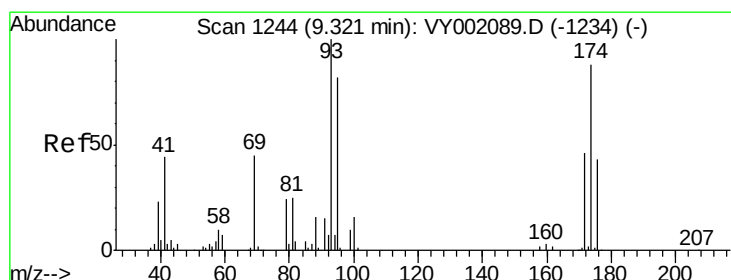
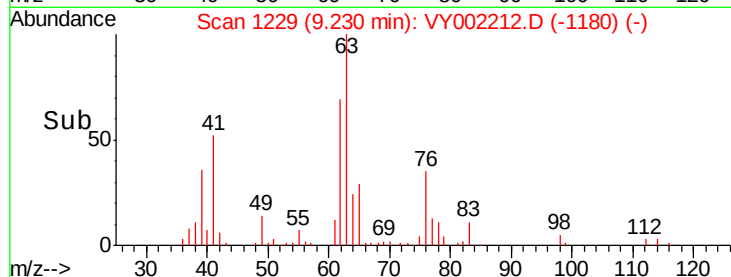
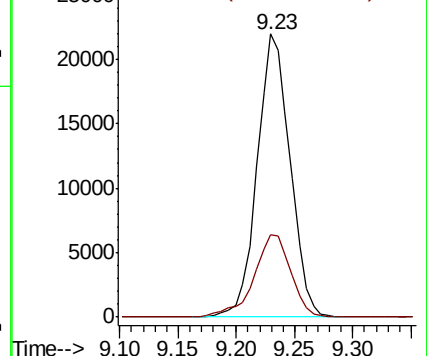
63 100

65 29.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 21.529 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

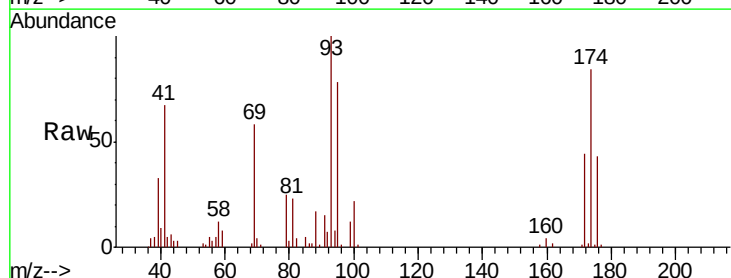
Tgt Ion: 93 Resp: 22483

Ion Ratio Lower Upper

93 100

95 81.7 66.0 99.0

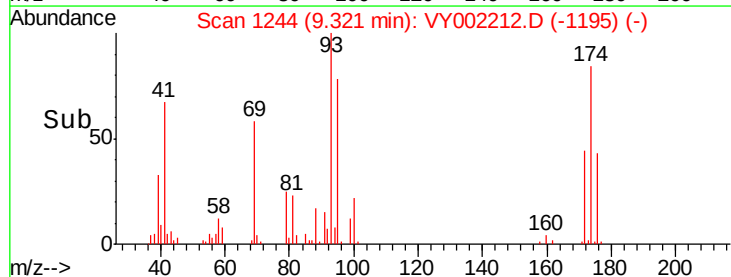
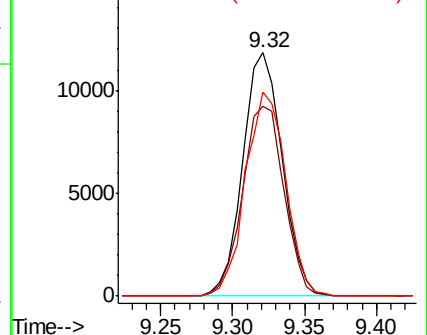
174 85.2 69.8 104.8

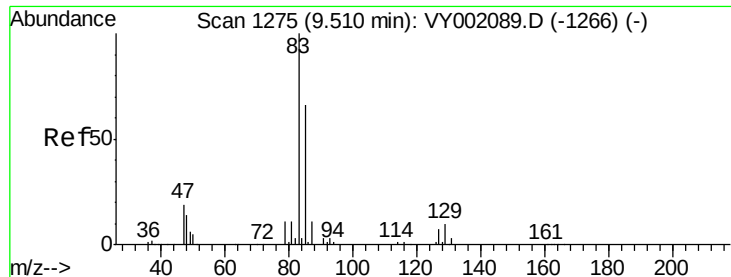


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.000 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

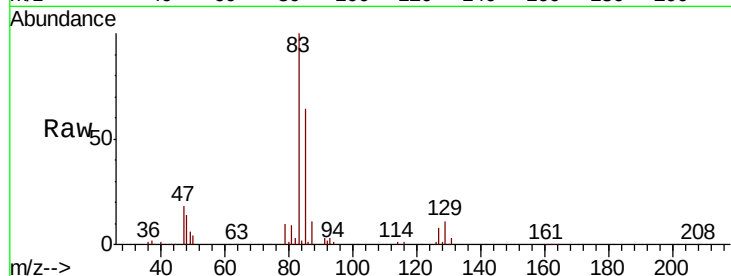
Tot Ion: 83 Resp: 51053

Ion Ratio Lower Upper

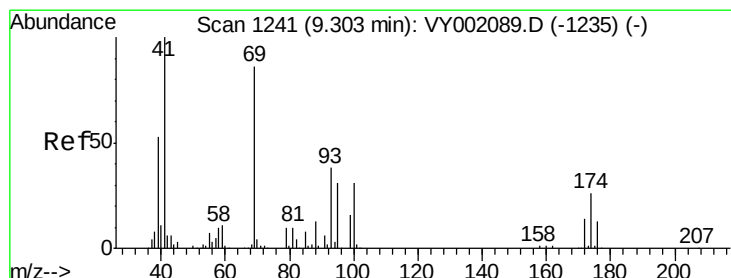
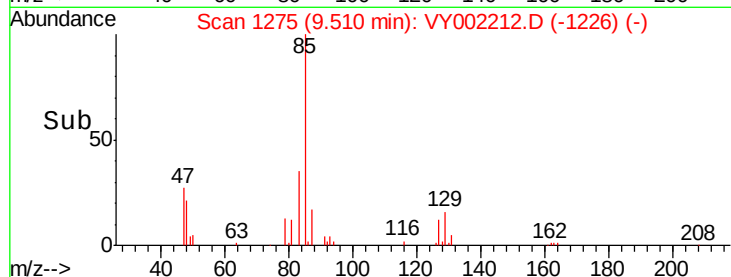
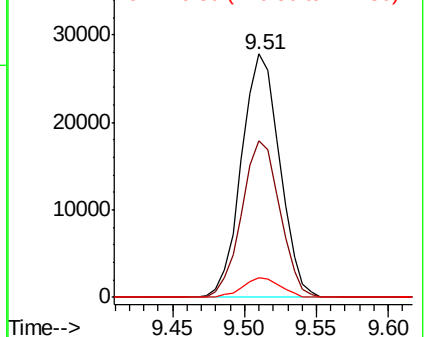
83 100

85 64.1 52.6 79.0

127 8.0 5.9 8.9



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: 20.846 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

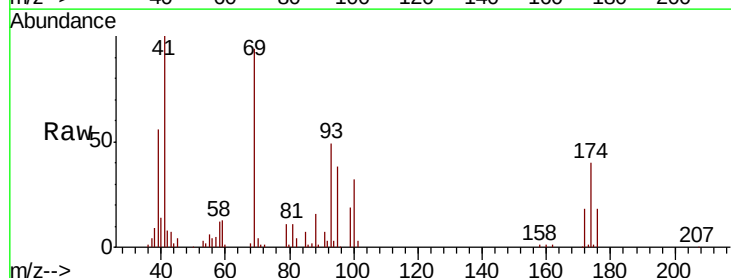
Tgt Ion: 41 Resp: 28249

Ion Ratio Lower Upper

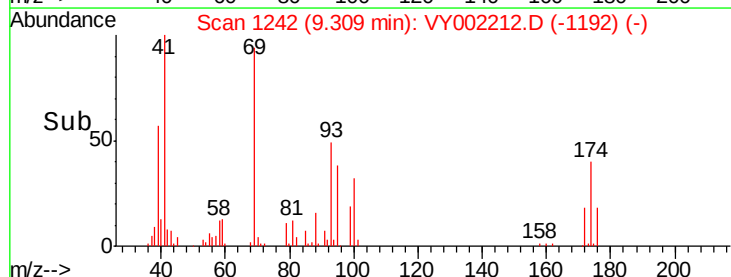
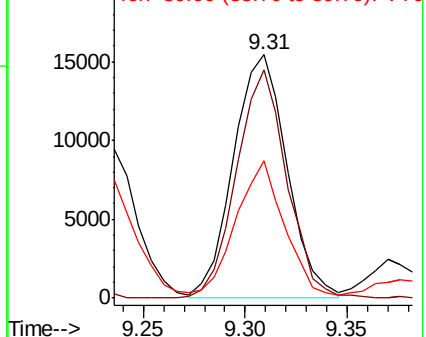
41 100

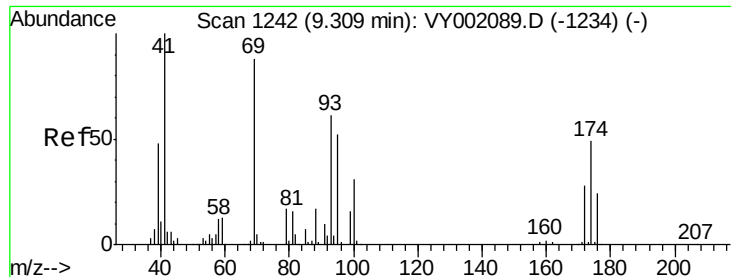
69 87.7 71.4 107.0

39 48.8 41.0 61.4



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

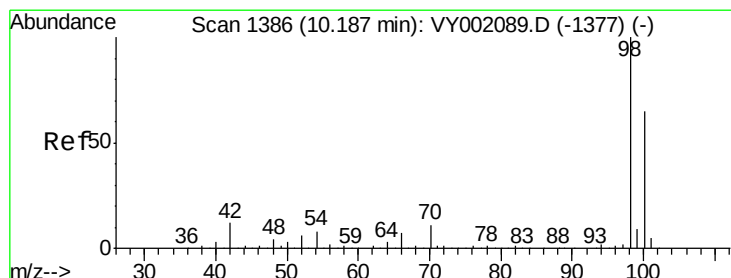
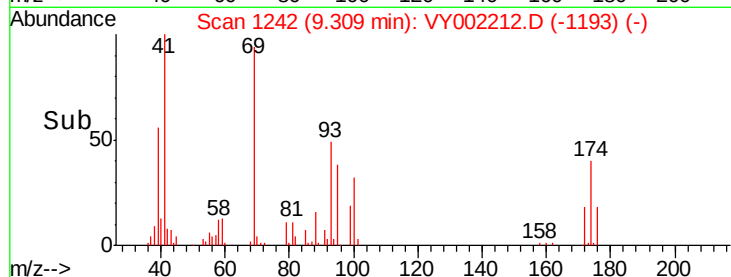
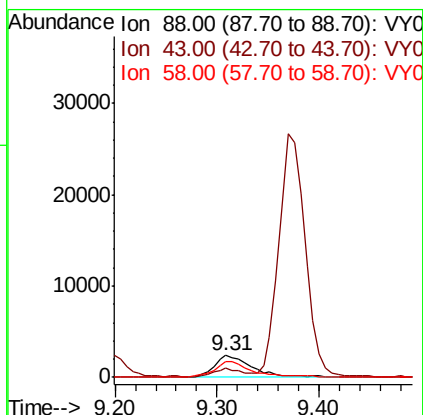
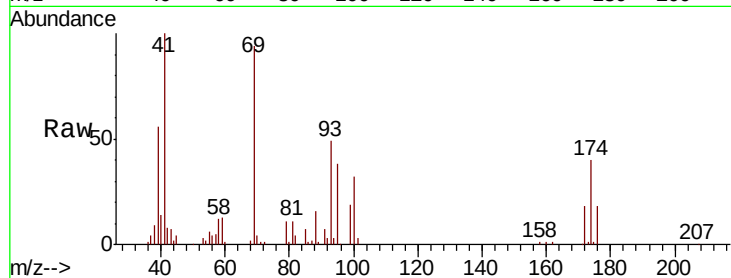




#49
 1,4-Dioxane
 Concen: 430.487 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

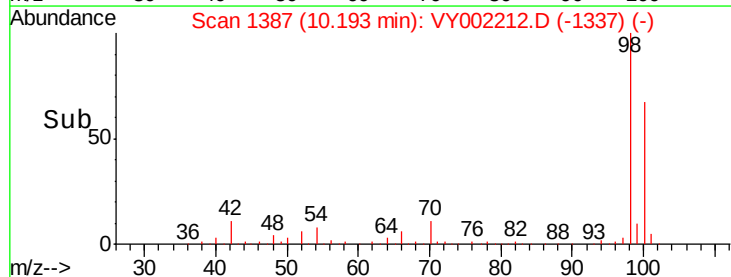
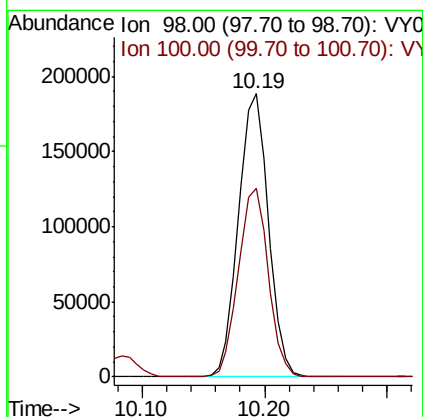
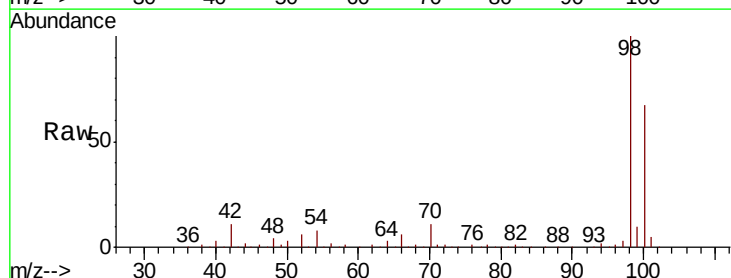
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

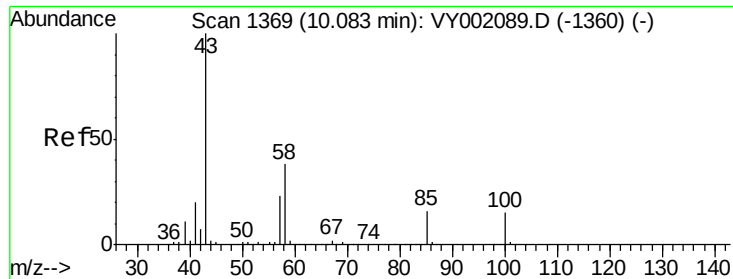
Tot Ion: 88 Resp: 6169
 Ion Ratio Lower Upper
 88 100
 43 29.8 27.2 40.8
 58 75.5 59.8 89.8



#50
 Toluene-d8
 Concen: 48.340 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

Tgt Ion: 98 Resp: 320729
 Ion Ratio Lower Upper
 98 100
 100 66.5 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 109.790 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

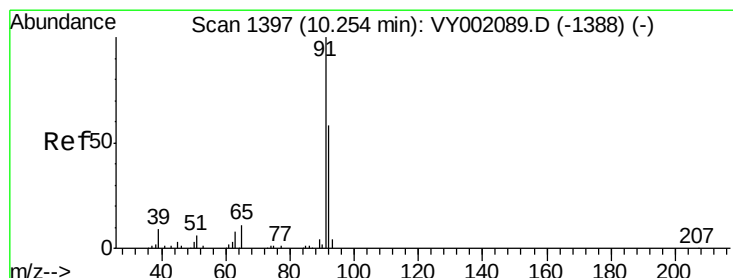
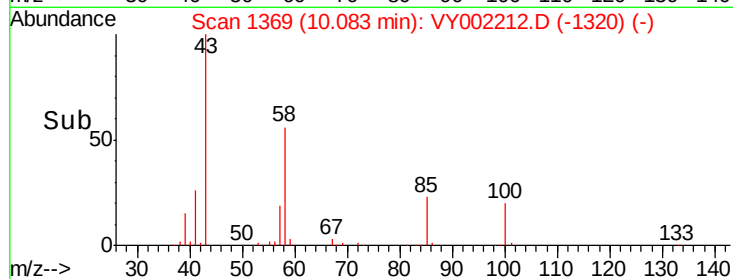
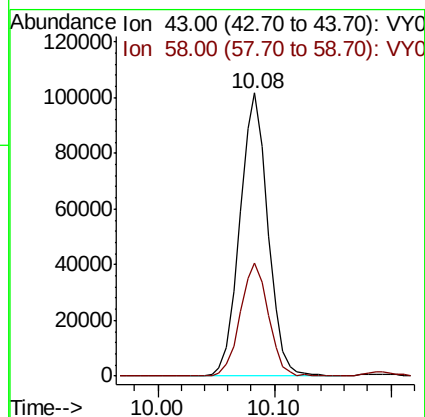
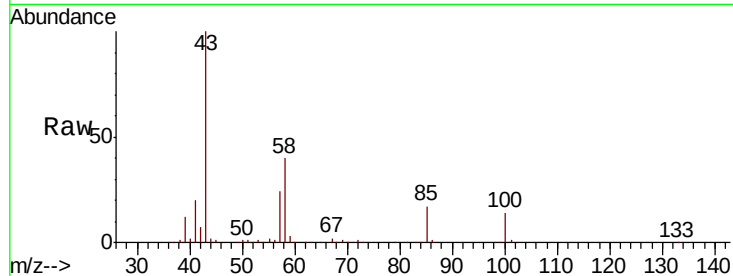
VY0403SBS01

Tot Ion: 43 Resp: 170954

Ion Ratio Lower Upper

43 100

58 40.2 31.6 47.4



#52

Toluene

Concen: 20.880 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY002212.D

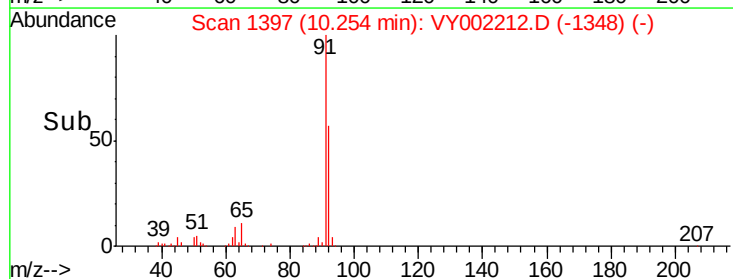
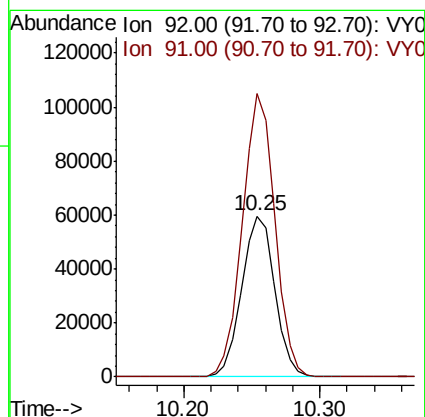
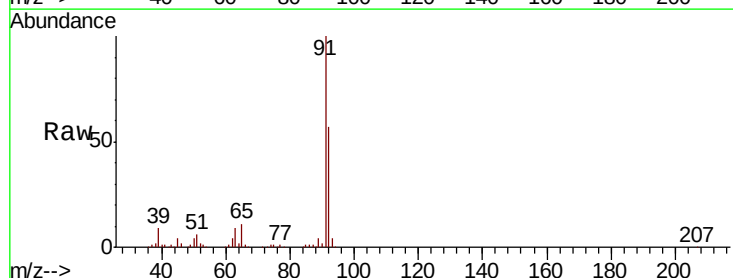
Acq: 03 Apr 2020 12:14

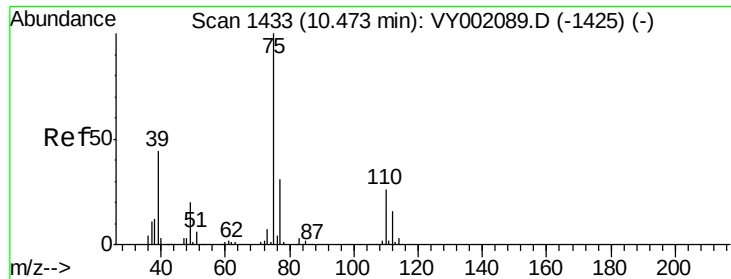
Tgt Ion: 92 Resp: 100858

Ion Ratio Lower Upper

92 100

91 173.6 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 20.749 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

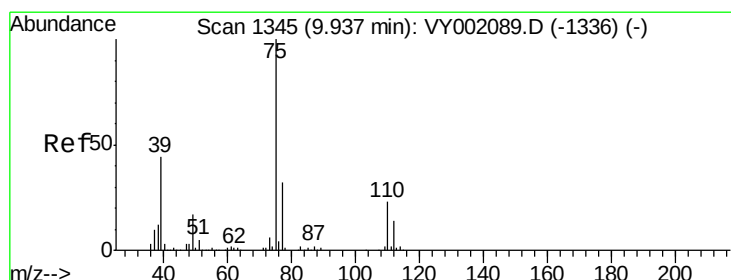
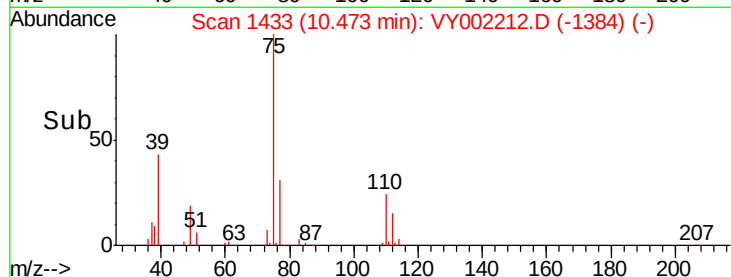
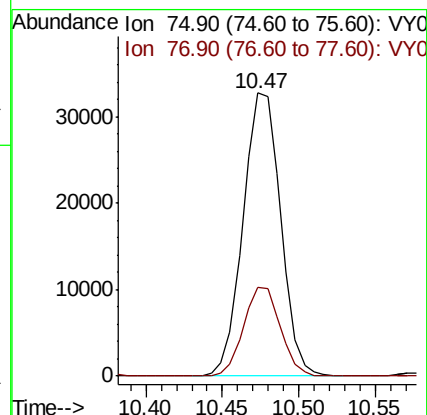
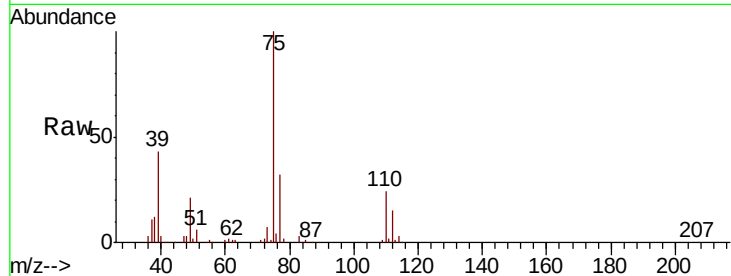
VY0403SBS01

Tot Ion: 75 Resp: 55986

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.692 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

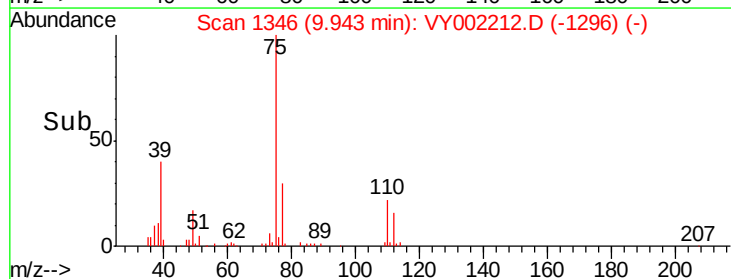
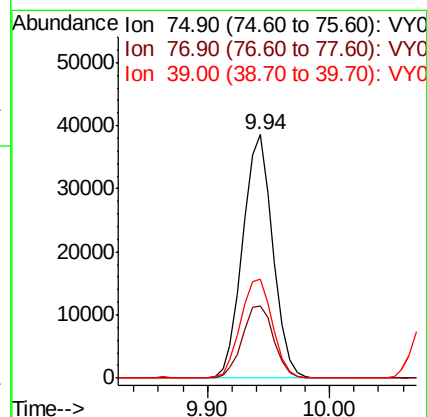
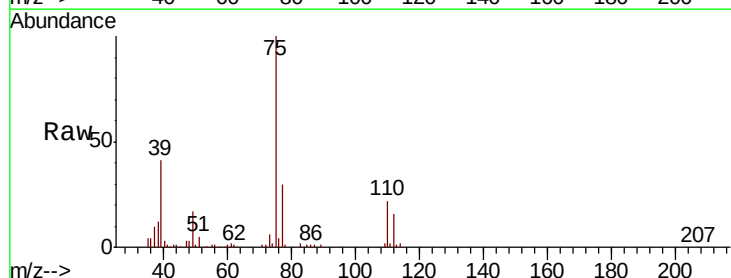
Tgt Ion: 75 Resp: 65736

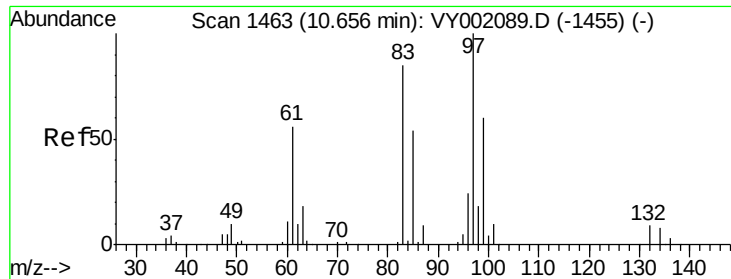
Ion Ratio Lower Upper

75 100

77 29.5 25.6 38.4

39 40.8 35.2 52.8





#55

1,1,2-Trichloroethane

Concen: 21.053 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

Tot Ion: 97 Resp: 32540

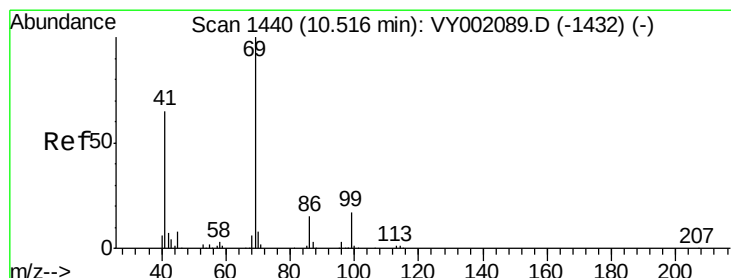
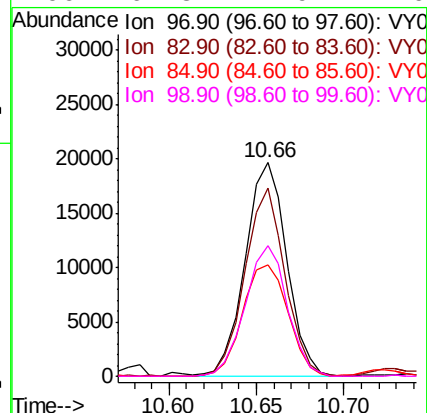
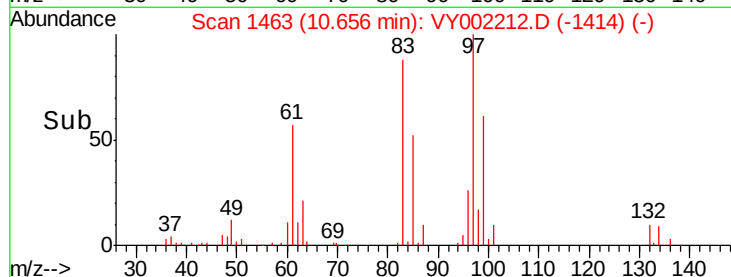
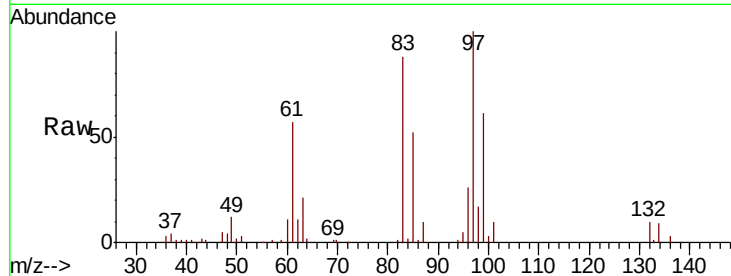
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.2	102.2
85	52.1	42.9	64.3
99	61.3	47.9	71.9

97 100

83 88.3 68.2 102.2

85 52.1 42.9 64.3

99 61.3 47.9 71.9



#56

Ethyl methacrylate

Concen: 20.276 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

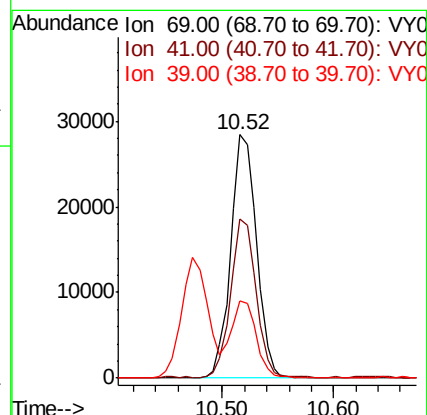
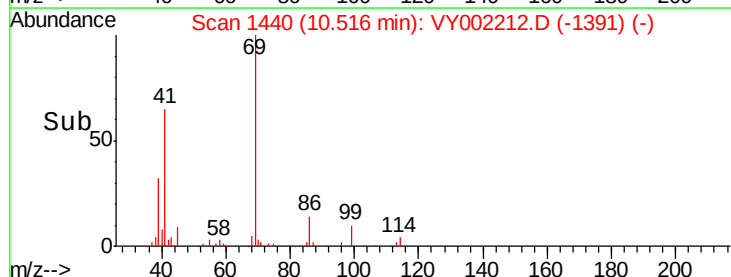
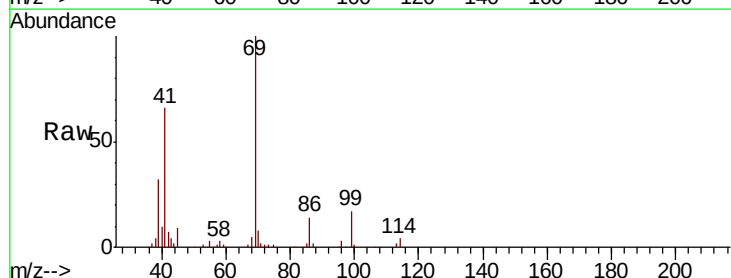
Tgt Ion: 69 Resp: 45773

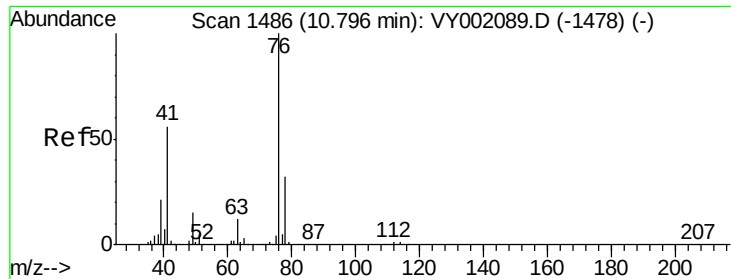
Ion	Ratio	Lower	Upper
69	100		
41	63.7	52.8	79.2
39	31.1	25.0	37.6

69 100

41 63.7 52.8 79.2

39 31.1 25.0 37.6

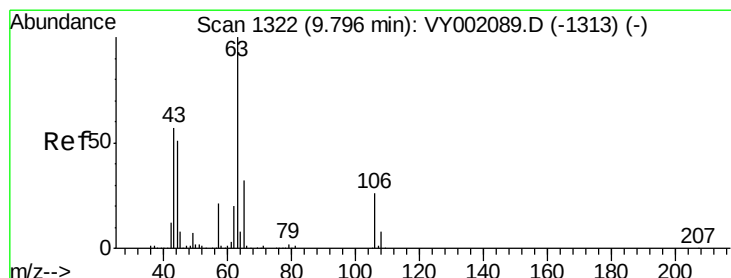
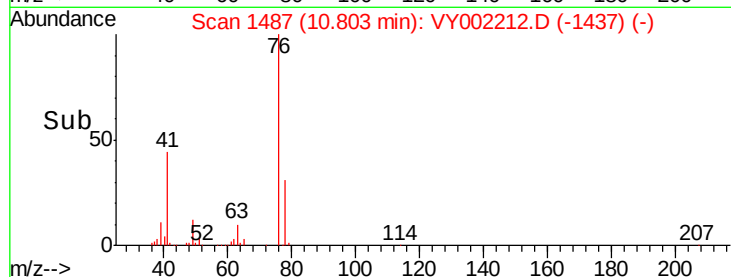
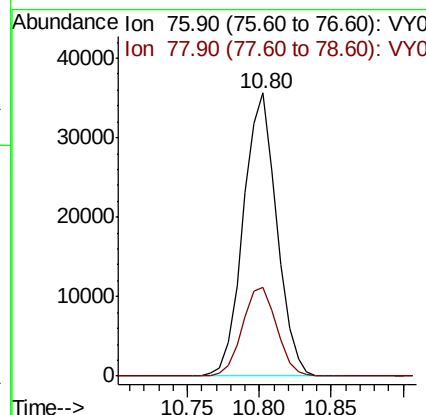
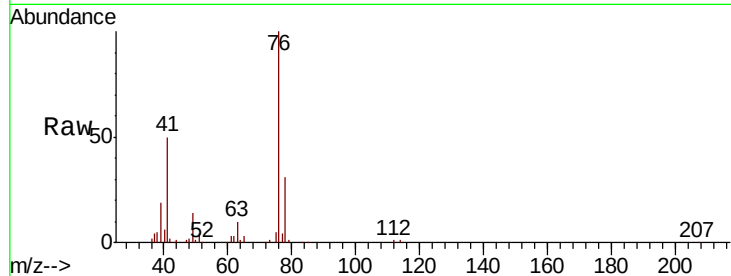




#57
 1,3-Dichloropropane
 Concen: 20.927 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

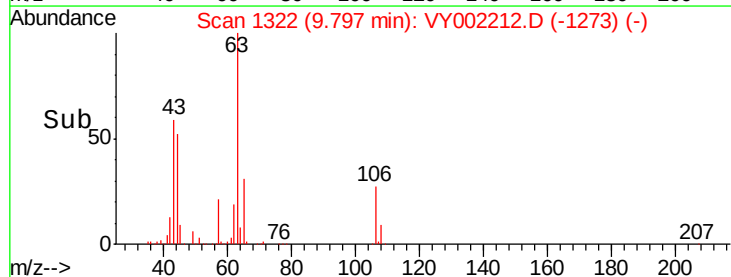
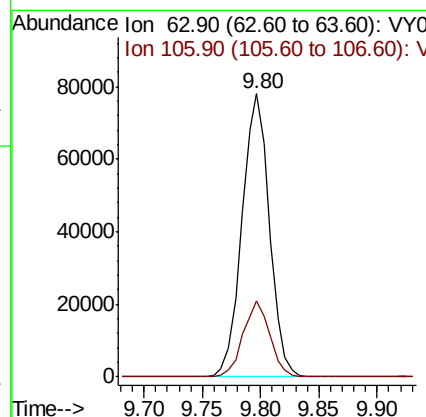
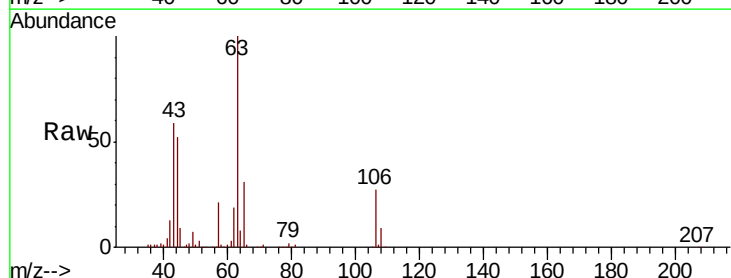
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

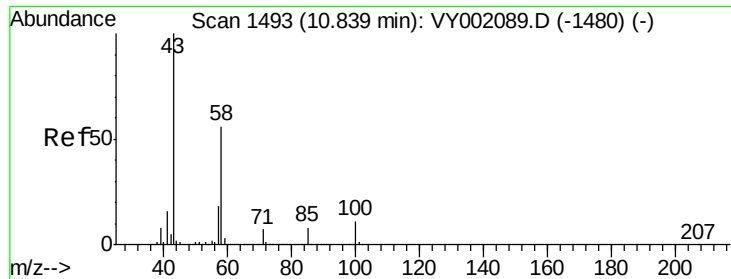
Tot Ion: 76 Resp: 57148
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.474 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

Tgt Ion: 63 Resp: 128148
 Ion Ratio Lower Upper
 63 100
 106 26.0 21.0 31.4

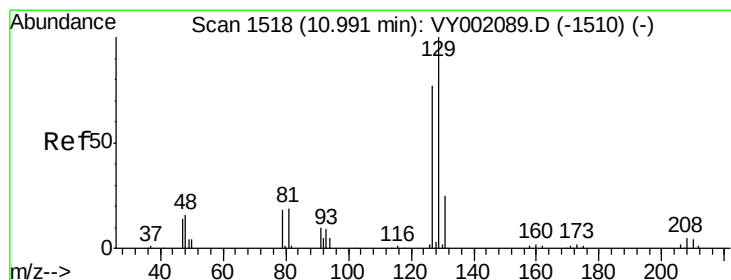
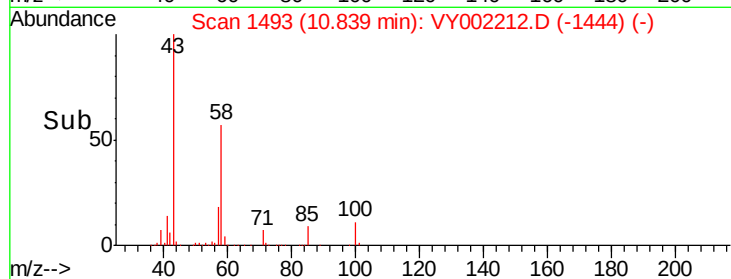
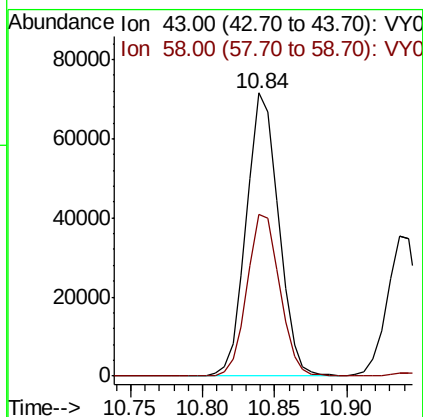
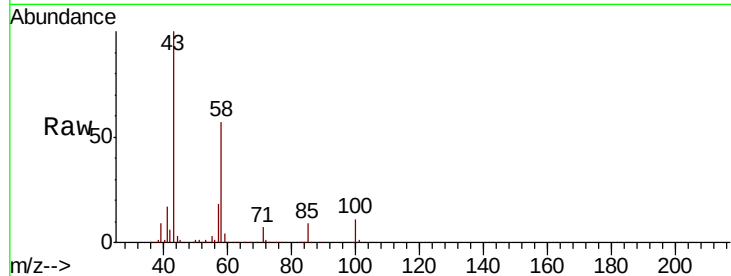




#59
2-Hexanone
Concen: 101.431 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

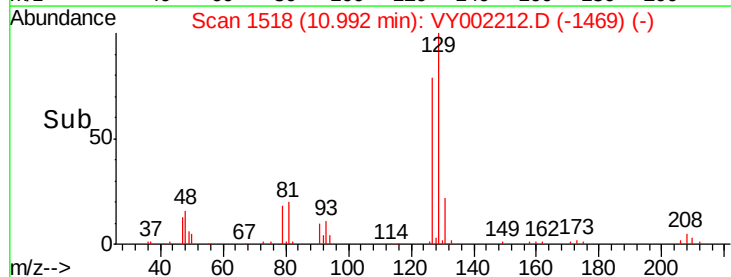
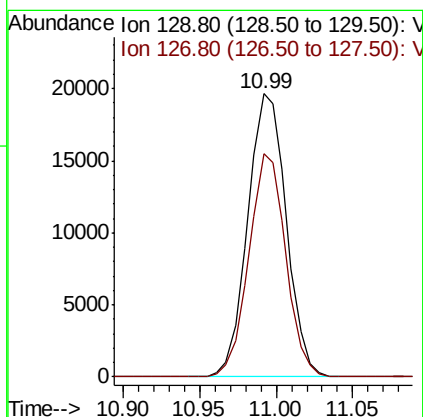
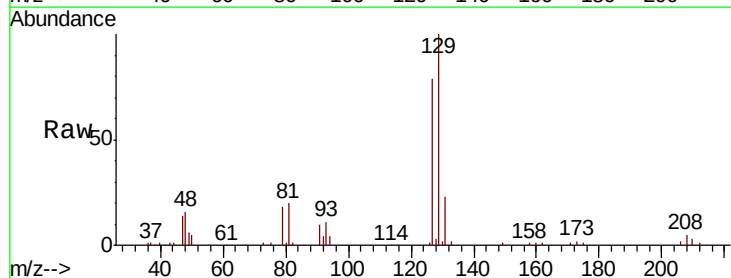
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

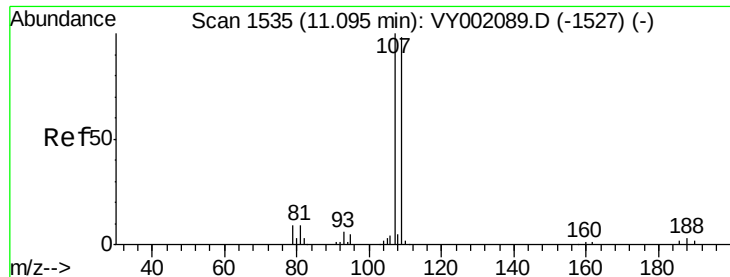
Tot Ion: 43 Resp: 111254
Ion Ratio Lower Upper
43 100
58 57.7 27.9 83.6



#60
Dibromochloromethane
Concen: 21.282 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

Tgt Ion: 129 Resp: 34421
Ion Ratio Lower Upper
129 100
127 75.3 38.7 116.1

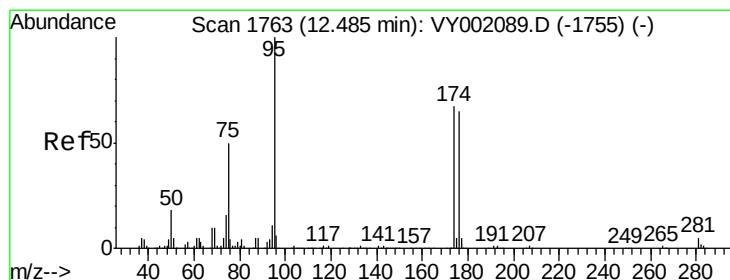
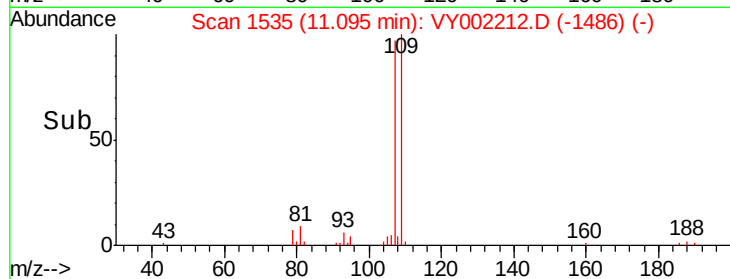
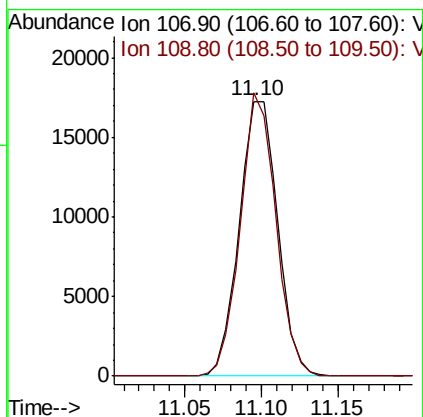
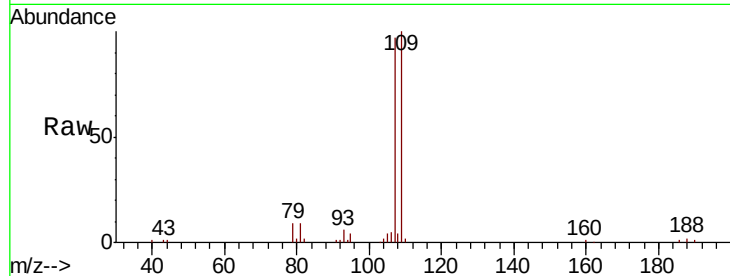




#61
 1,2-Dibromoethane
 Concen: 20.854 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

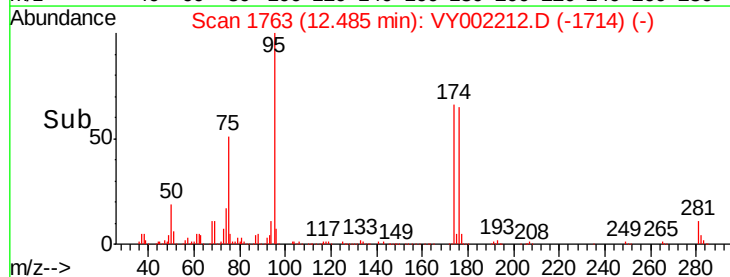
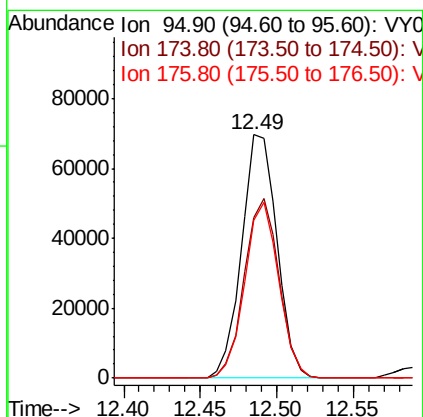
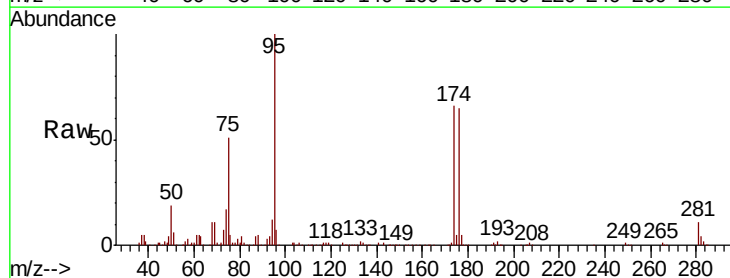
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

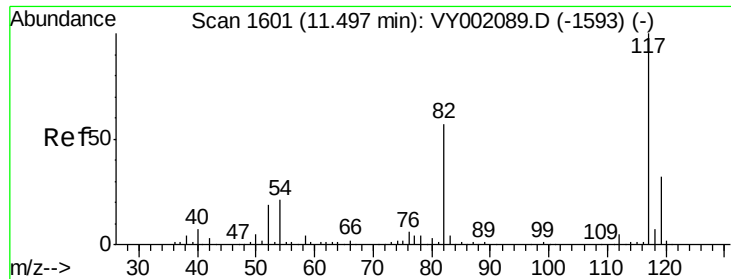
Tot Ion:107 Resp: 30168
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 48.297 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

Tgt Ion: 95 Resp: 112070
 Ion Ratio Lower Upper
 95 100
 174 72.1 0.0 143.4
 176 69.4 0.0 137.0

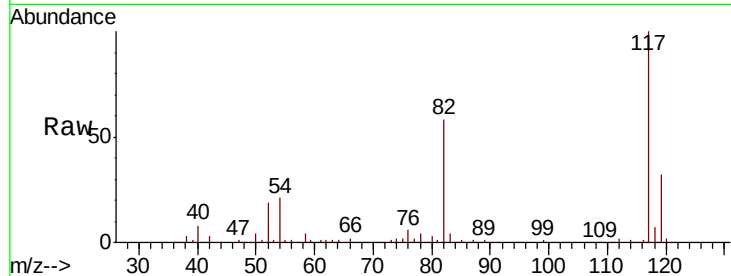




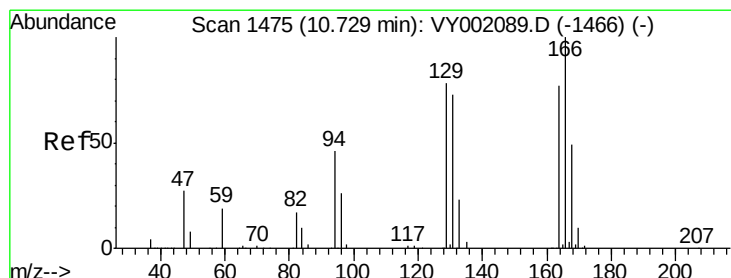
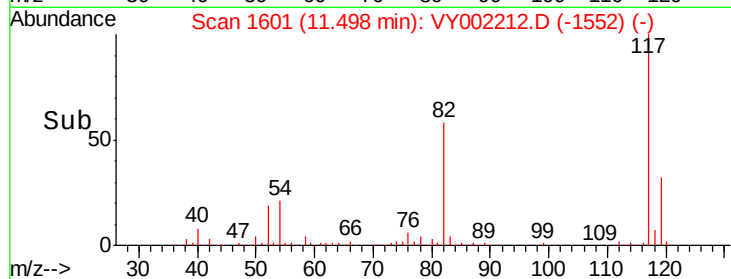
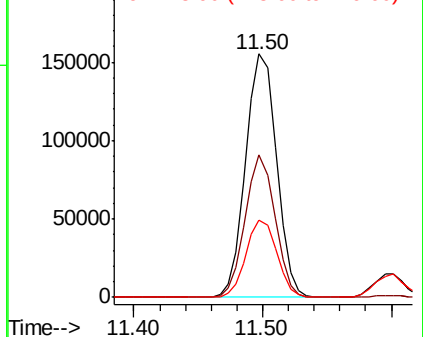
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

Tot Ion:117 Resp: 258266
Ion Ratio Lower Upper
117 100
82 58.4 45.4 68.2
119 31.6 25.3 37.9

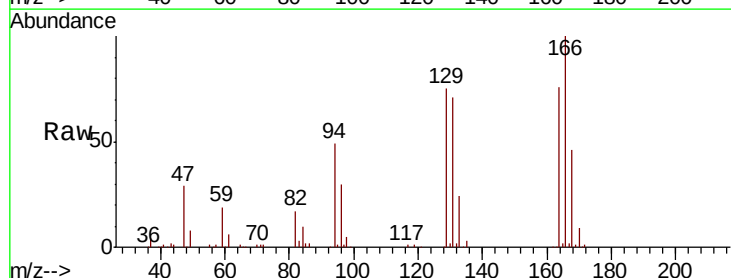


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

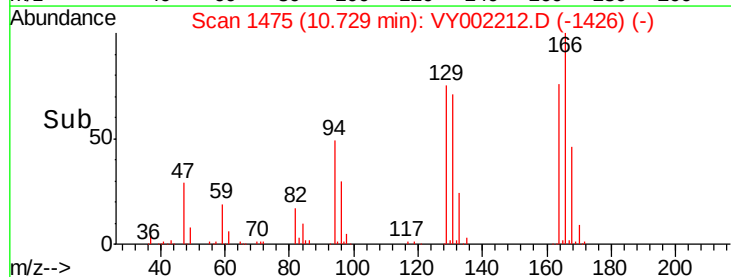
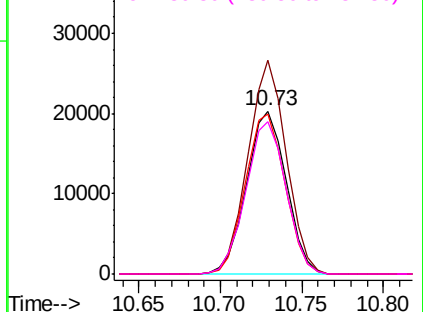


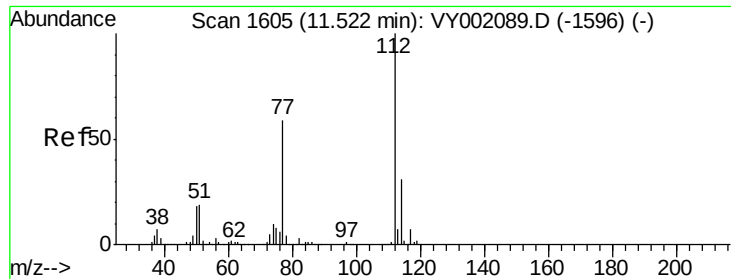
#64
Tetrachloroethene
Concen: 21.791 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

Tgt Ion:164 Resp: 34432
Ion Ratio Lower Upper
164 100
166 131.0 104.0 156.0
129 98.1 81.2 121.8
131 93.4 75.8 113.6



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

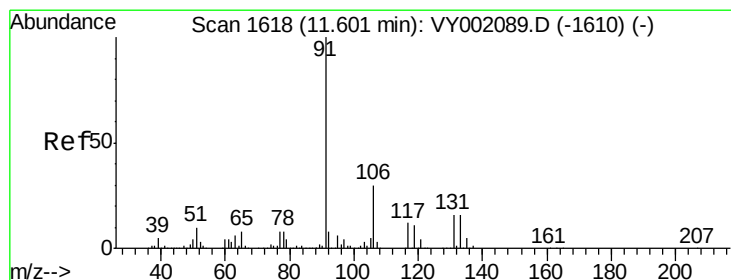
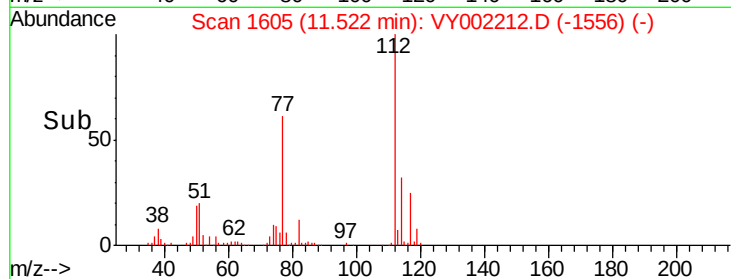
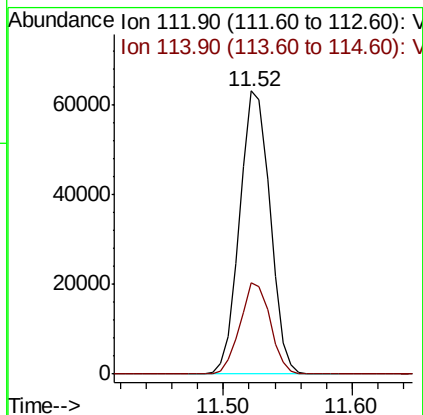
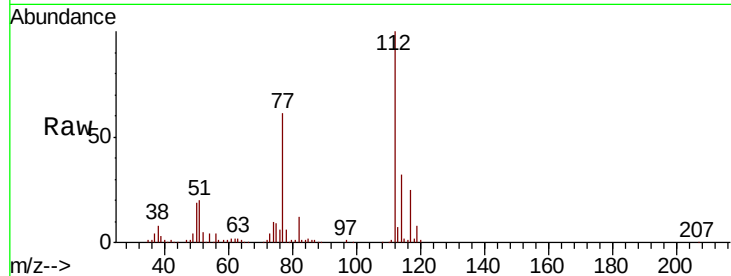




#65
Chlorobenzene
Concen: 20.634 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

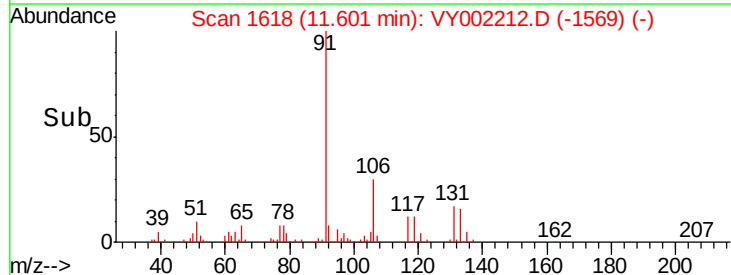
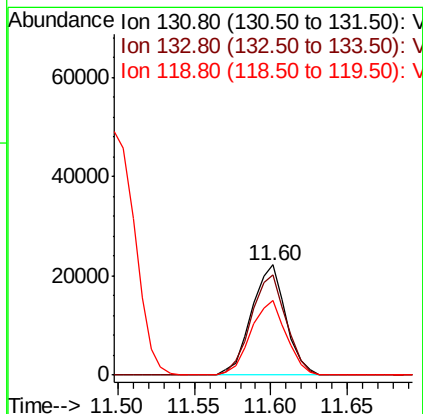
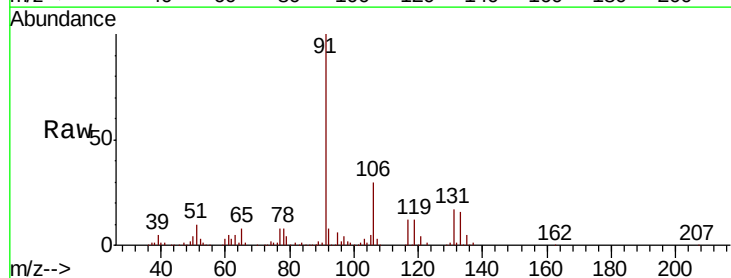
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

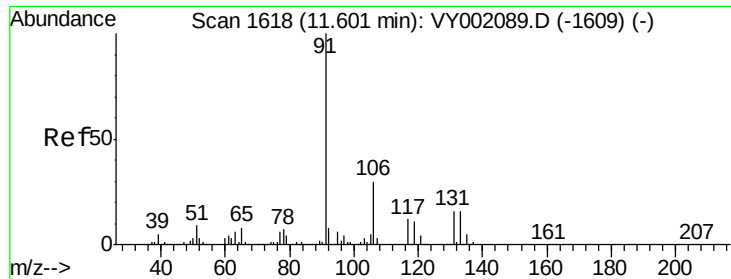
Tot Ion:112 Resp: 102867
Ion Ratio Lower Upper
112 100
114 32.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.940 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

Tgt Ion:131 Resp: 34925
Ion Ratio Lower Upper
131 100
133 92.9 47.5 142.5
119 69.2 34.6 103.9





#67

Ethyl Benzene

Concen: 20.965 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

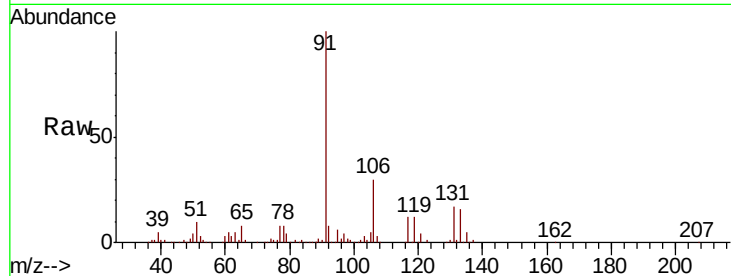
VY0403SBS01

Tot Ion: 91 Resp: 194114

Ion Ratio Lower Upper

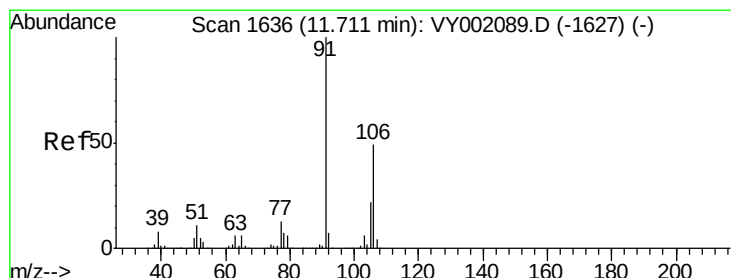
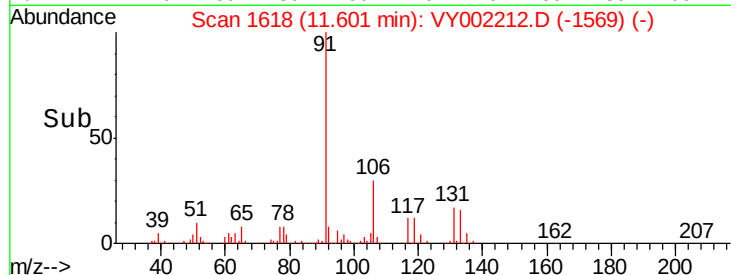
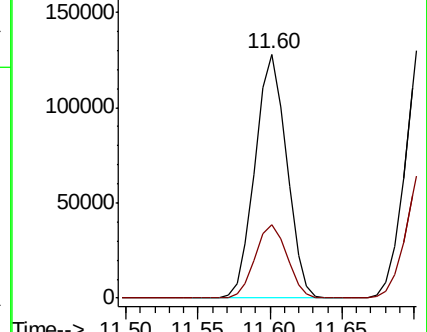
91 100

106 30.3 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.667 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY002212.D

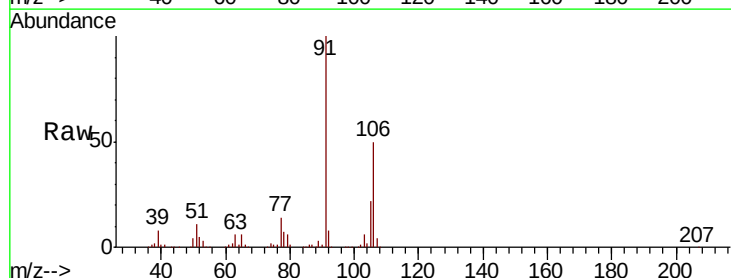
Acq: 03 Apr 2020 12:14

Tgt Ion: 106 Resp: 142645

Ion Ratio Lower Upper

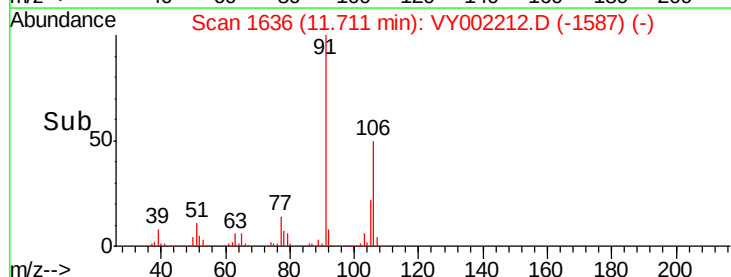
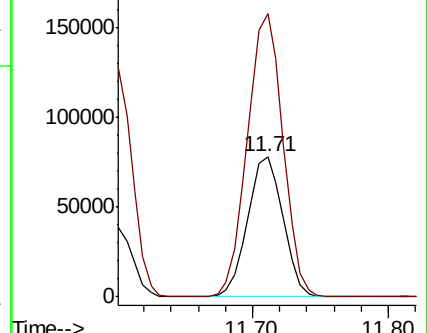
106 100

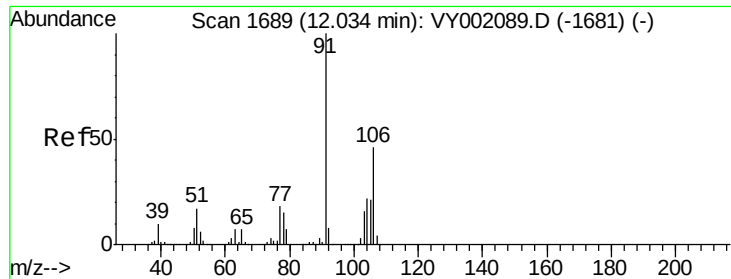
91 203.0 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

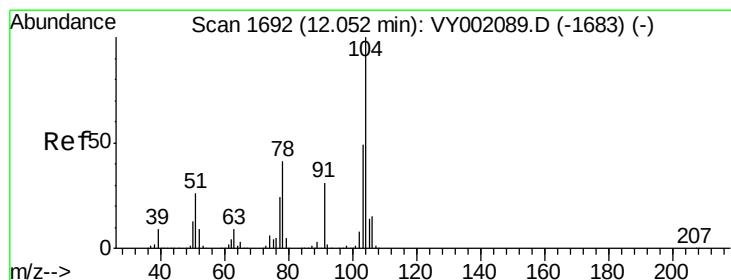
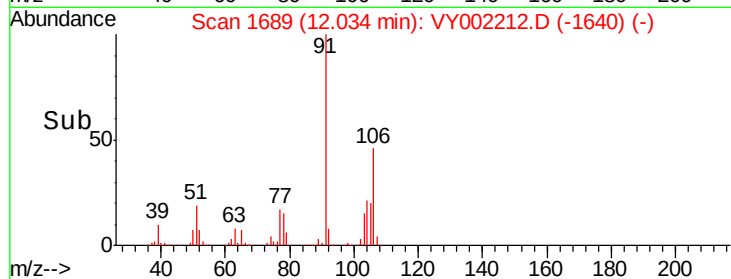
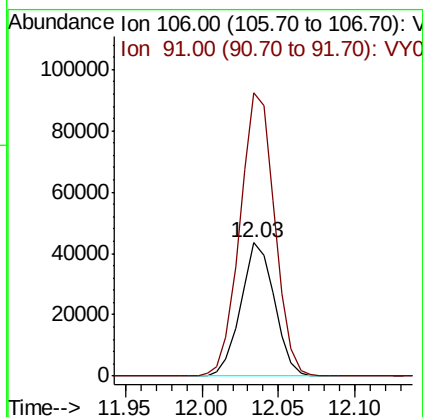
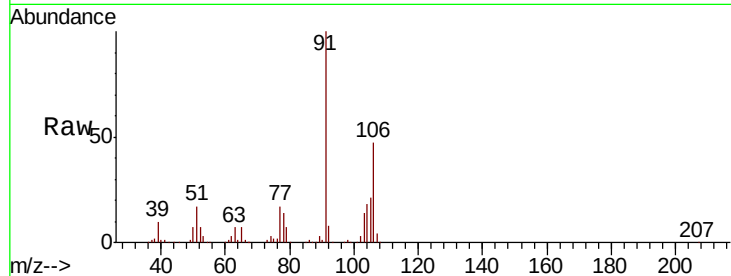




#69
o-Xylene
Concen: 20.458 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

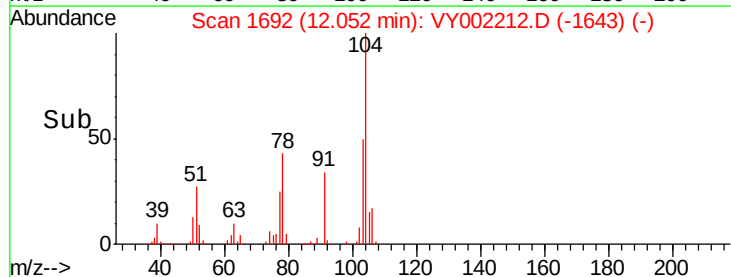
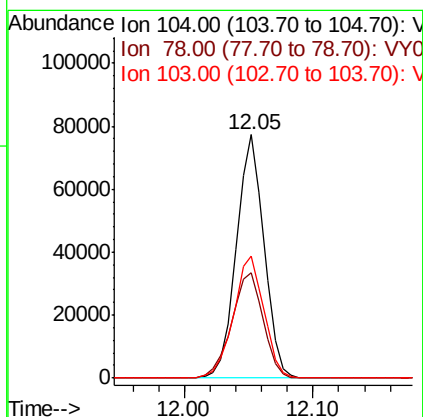
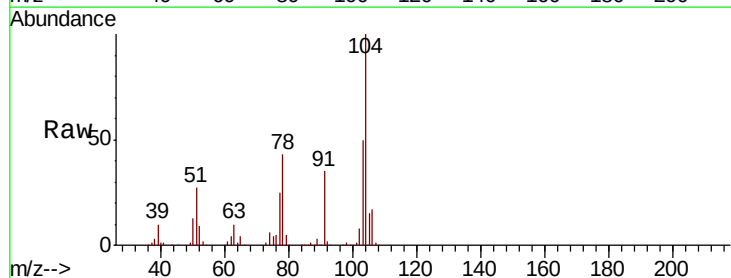
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

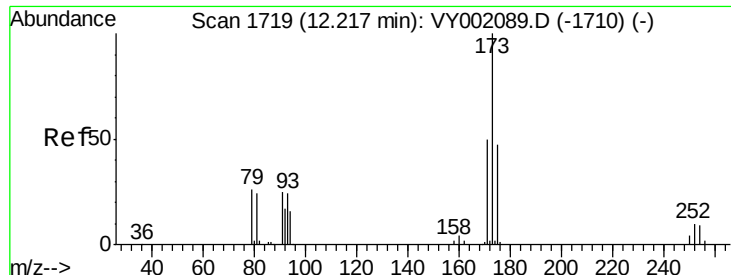
Tot Ion:106 Resp: 66437
Ion Ratio Lower Upper
106 100
91 218.2 107.3 321.8



#70
Styrene
Concen: 20.426 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002212.D
Acq: 03 Apr 2020 12:14

Tgt Ion:104 Resp: 114943
Ion Ratio Lower Upper
104 100
78 49.3 37.9 56.9
103 55.0 43.2 64.8





#71

Bromoform

Concen: 20.578 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

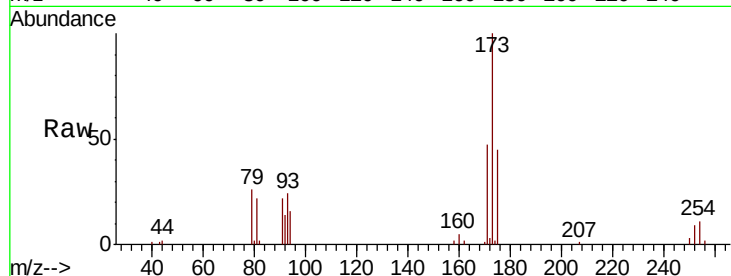
Tot Ion:173 Resp: 18798

Ion Ratio Lower Upper

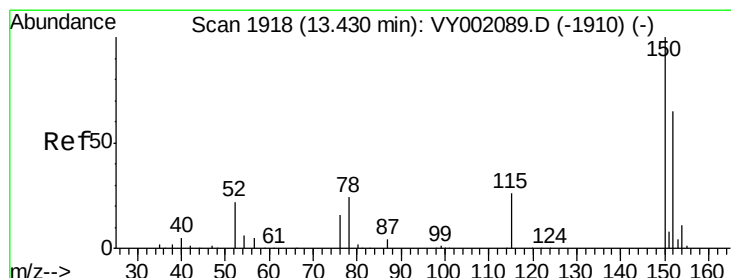
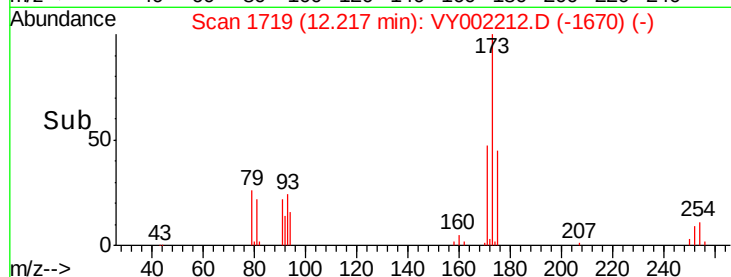
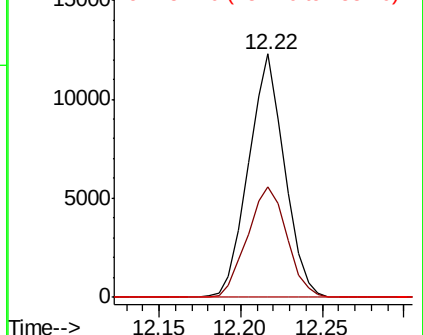
173 100

175 49.6 23.9 71.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

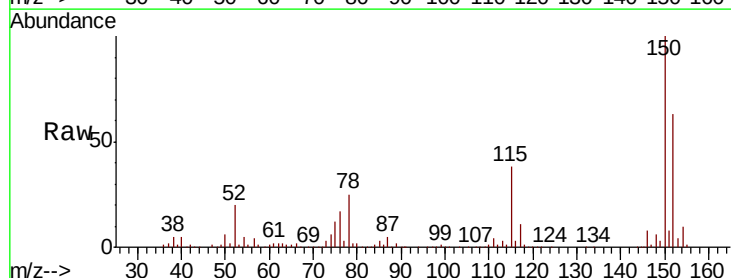
Tgt Ion:152 Resp: 117110

Ion Ratio Lower Upper

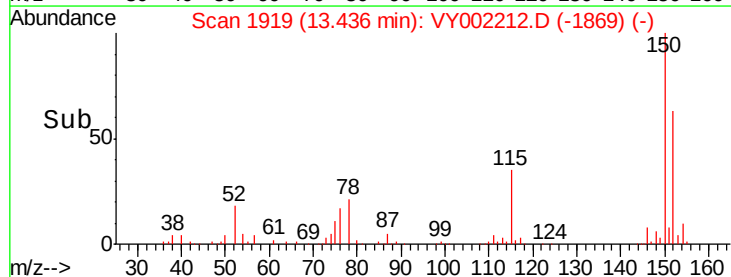
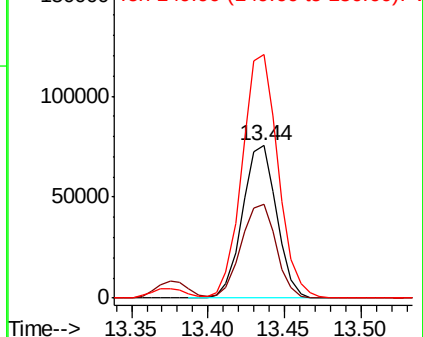
152 100

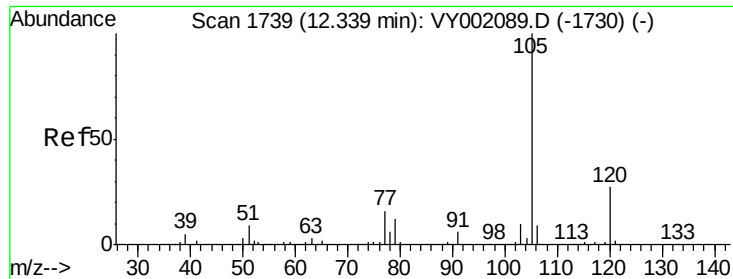
115 62.9 31.2 93.6

150 168.3 0.0 354.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.975 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

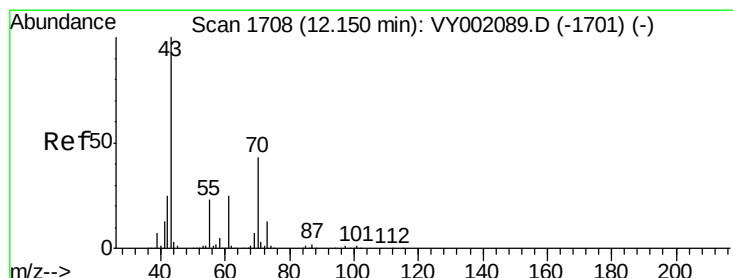
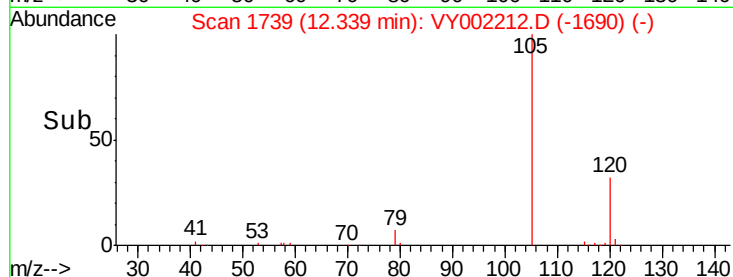
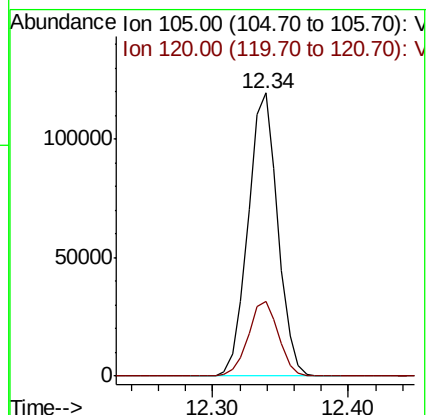
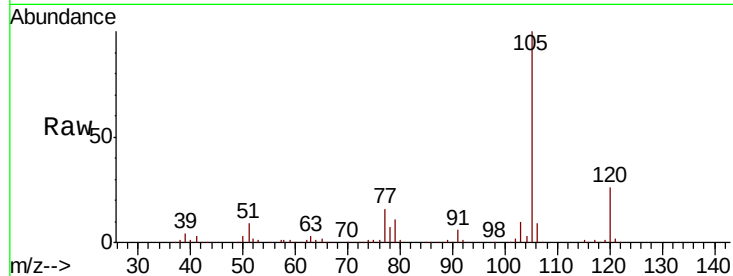
VY0403SBS01

Tot Ion:105 Resp: 182216

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



#74

N-ethyl acetate

Concen: 20.046 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Tgt Ion: 43 Resp: 54925

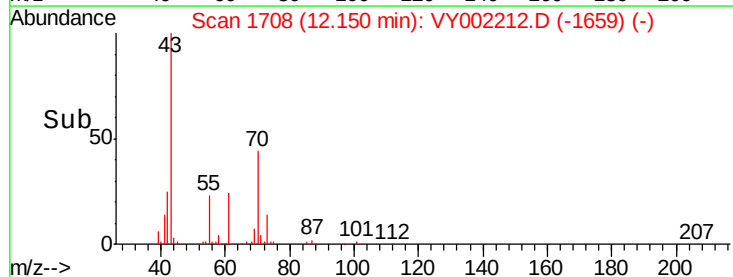
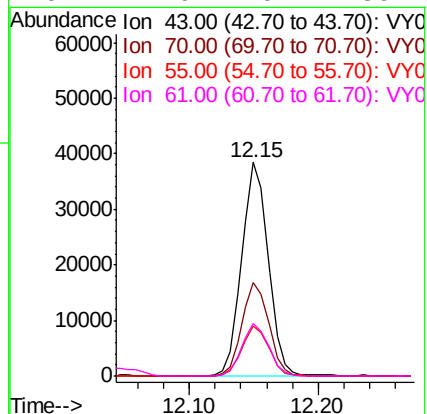
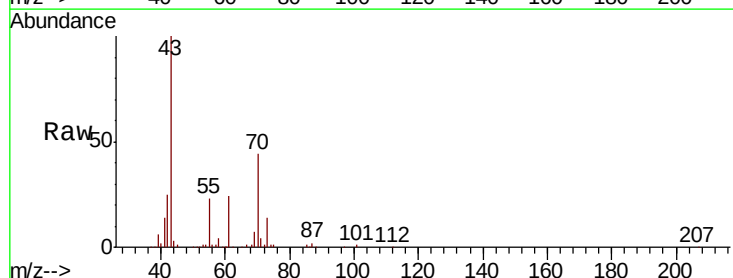
Ion Ratio Lower Upper

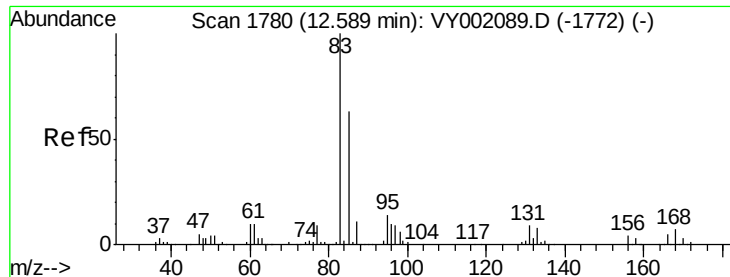
43 100

70 44.0 35.0 52.4

55 23.7 18.7 28.1

61 24.6 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.974 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

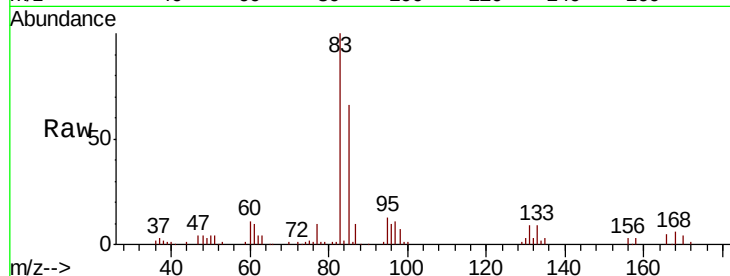
Tot Ion: 83 Resp: 39209

Ion Ratio Lower Upper

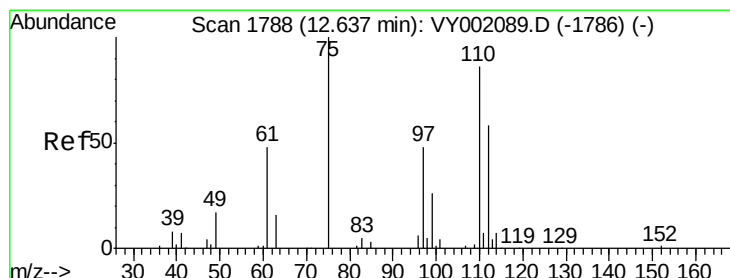
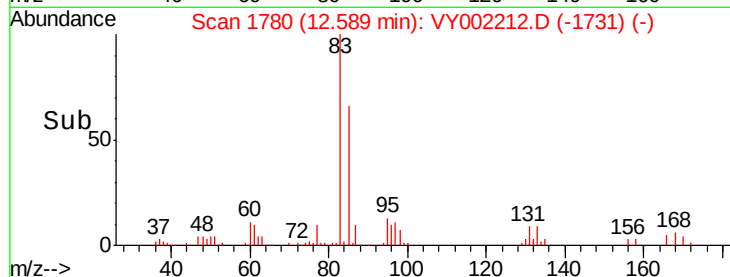
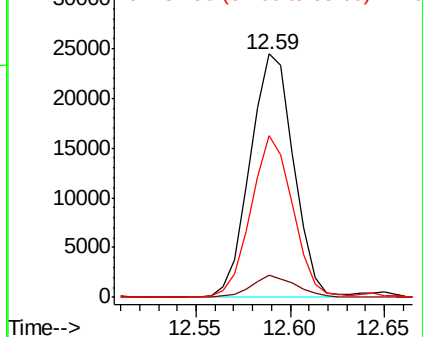
83 100

131 9.2 4.7 14.1

85 63.8 32.4 97.0



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



#76

1,2,3-Trichloropropane

Concen: 39.166 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002212.D

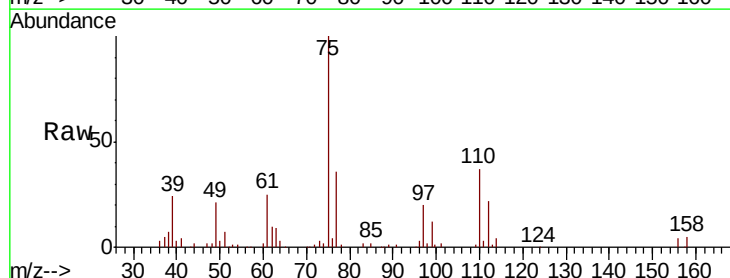
Acq: 03 Apr 2020 12:14

Tgt Ion: 75 Resp: 51307

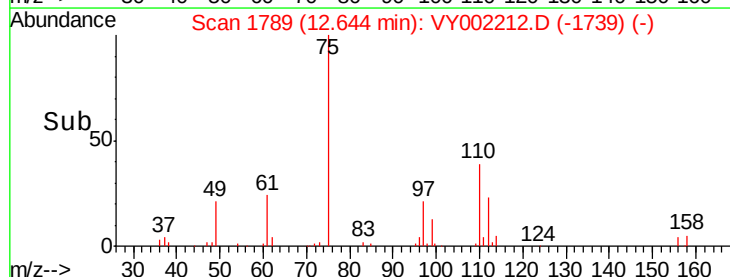
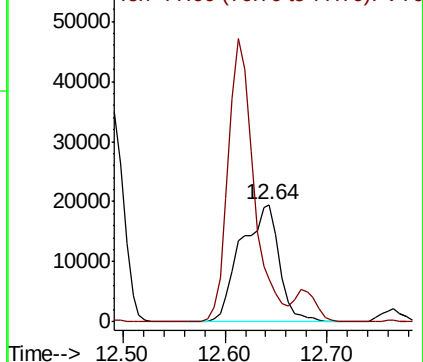
Ion Ratio Lower Upper

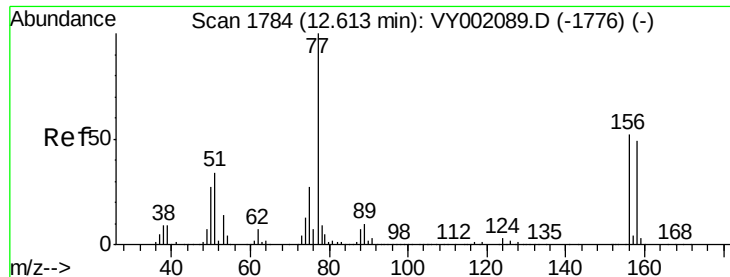
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 20.959 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

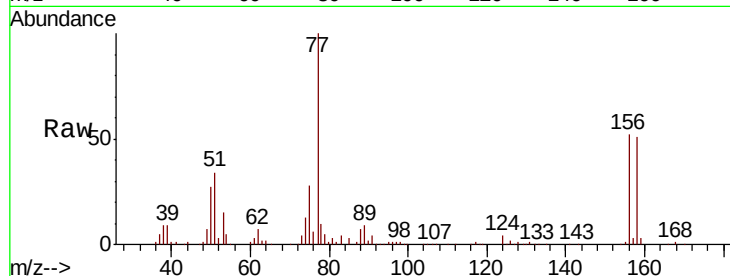
Tot Ion:156 Resp: 38869

Ion Ratio Lower Upper

156 100

77 213.6 107.8 323.6

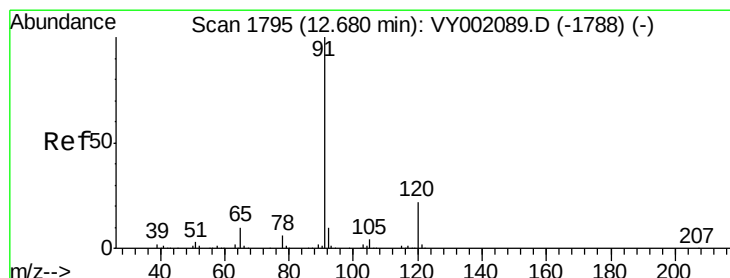
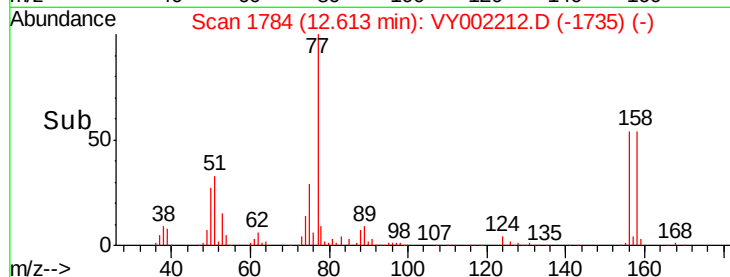
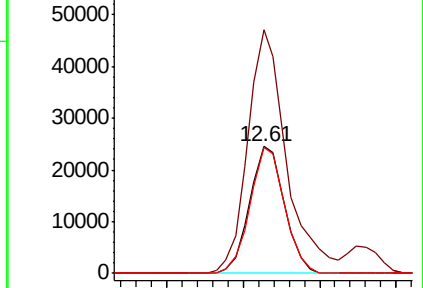
158 98.2 47.5 142.6



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: 21.058 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002212.D

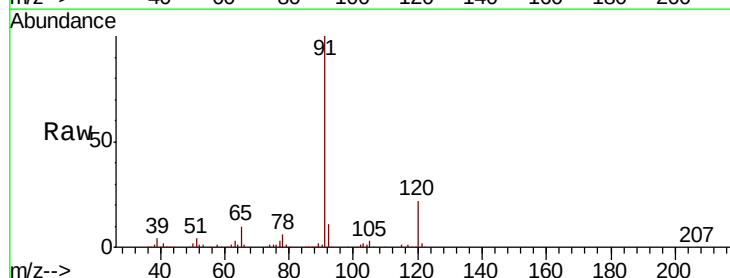
Acq: 03 Apr 2020 12:14

Tgt Ion: 91 Resp: 227018

Ion Ratio Lower Upper

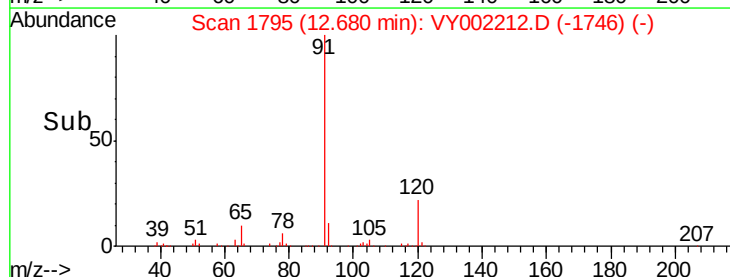
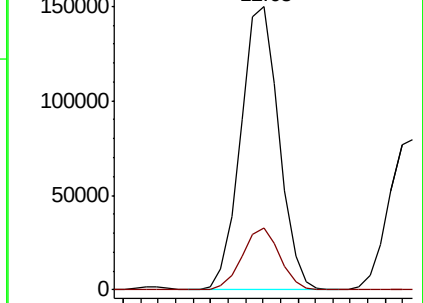
91 100

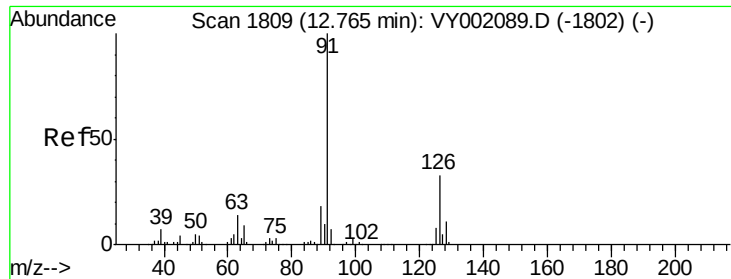
120 21.5 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

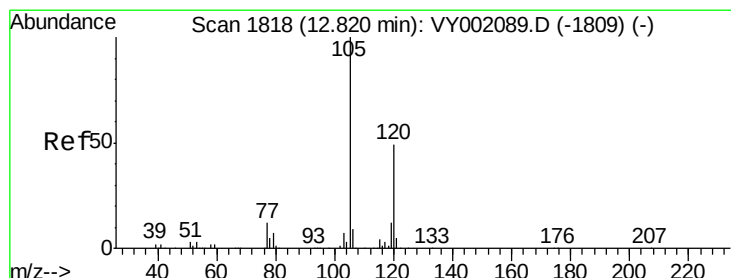
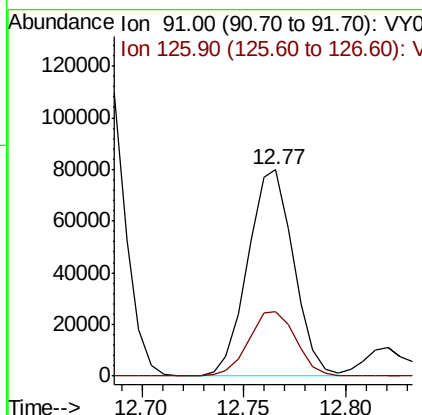
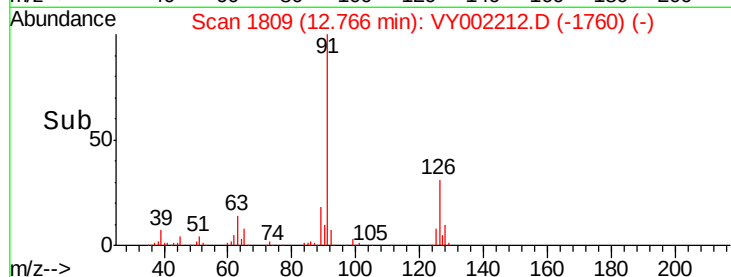
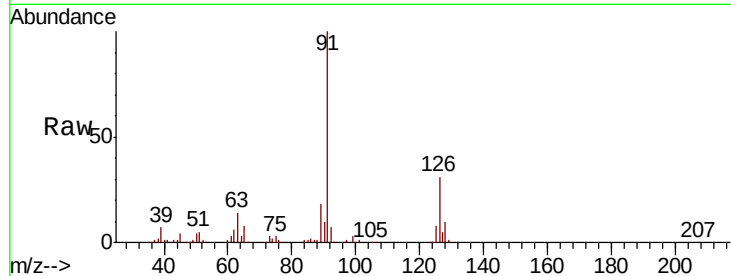




#79
 2-Chlorotoluene
 Concen: 21.106 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

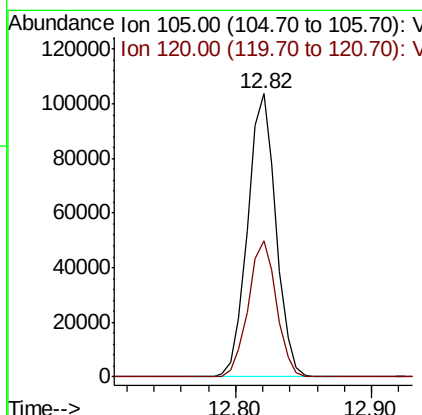
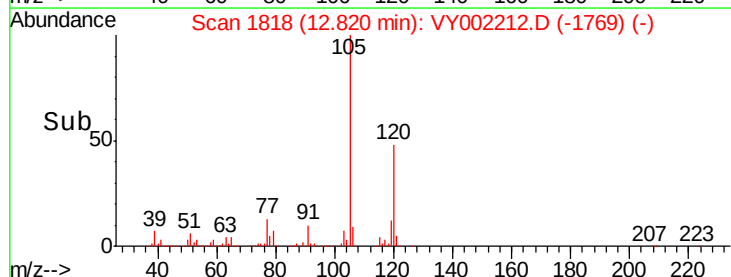
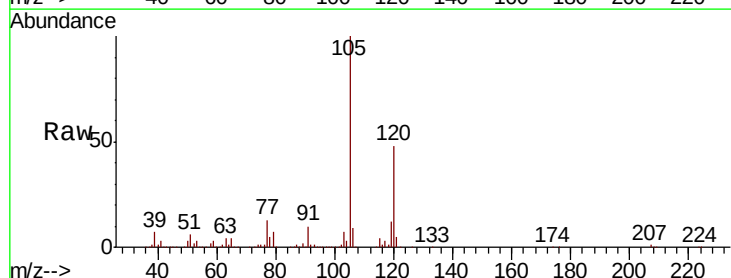
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

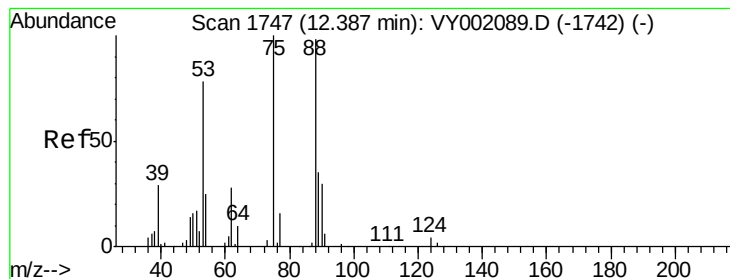
Tot Ion: 91 Resp: 124932
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.057 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

Tgt Ion: 105 Resp: 150922
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.982 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

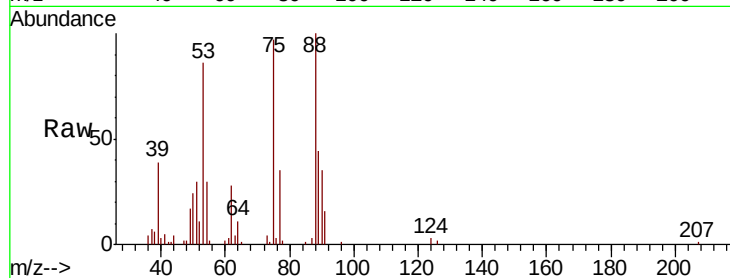
Tot Ion: 75 Resp: 13511

Ion Ratio Lower Upper

75 100

53 88.2 65.0 97.4

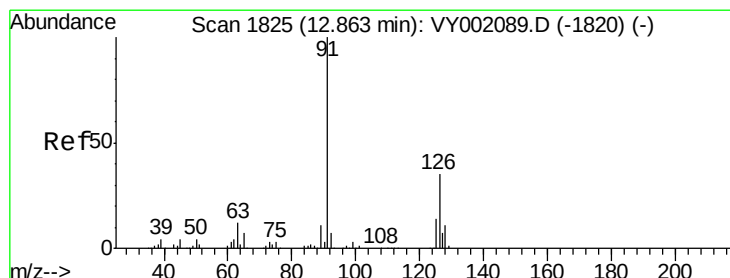
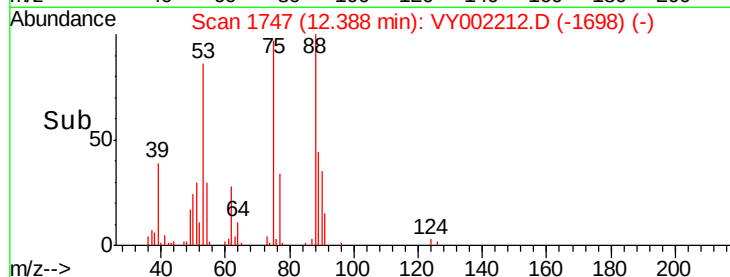
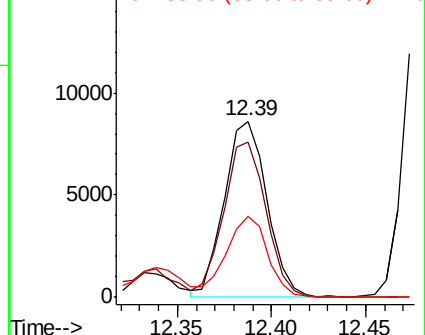
89 44.1 33.4 50.0



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: 20.881 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002212.D

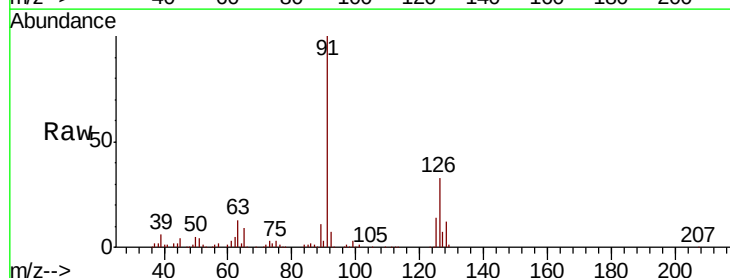
Acq: 03 Apr 2020 12:14

Tgt Ion: 91 Resp: 130248

Ion Ratio Lower Upper

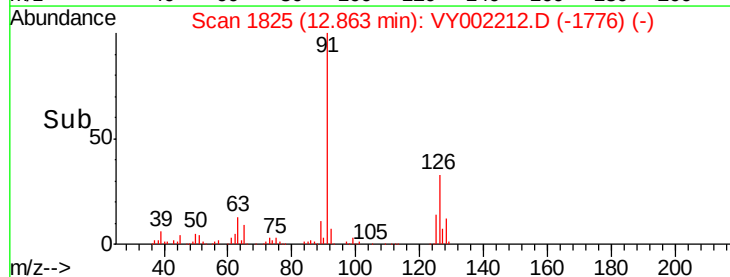
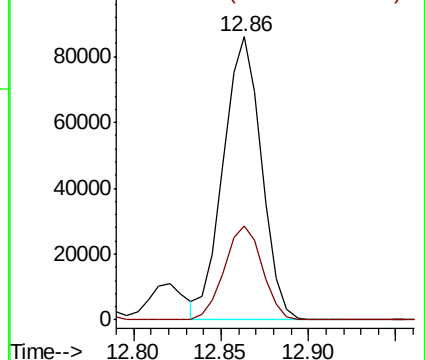
91 100

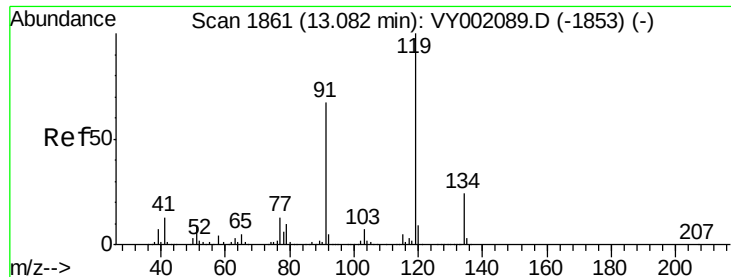
126 33.2 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

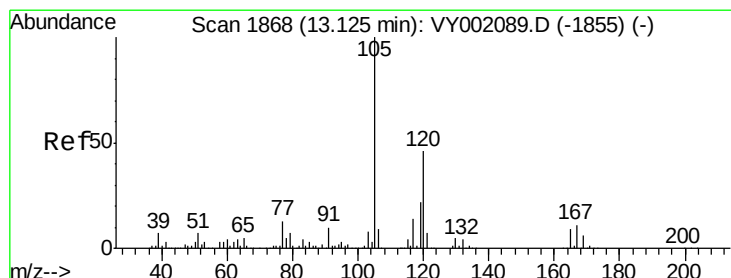
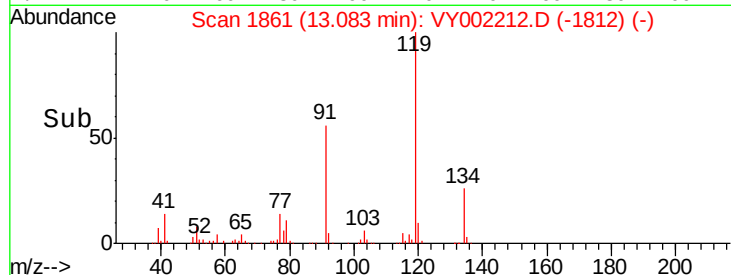
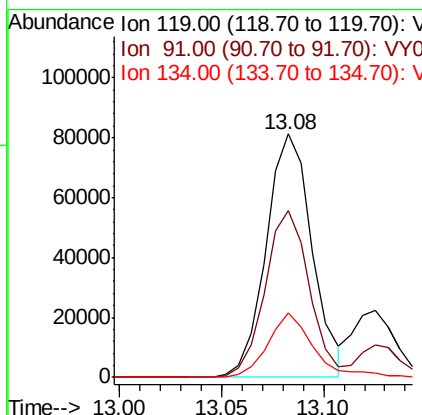
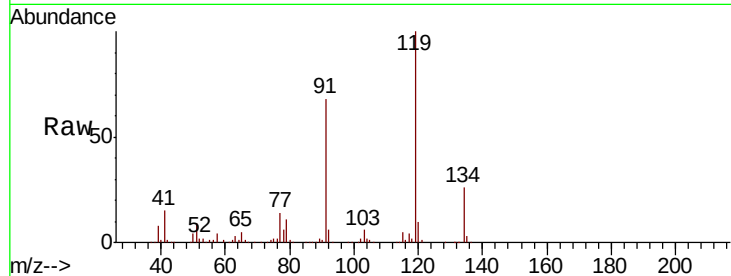




#83
 tert-Butylbenzene
 Concen: 21.328 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

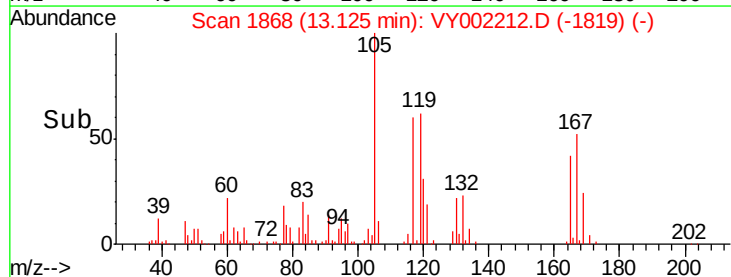
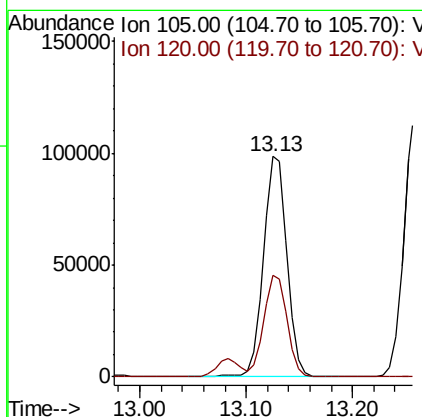
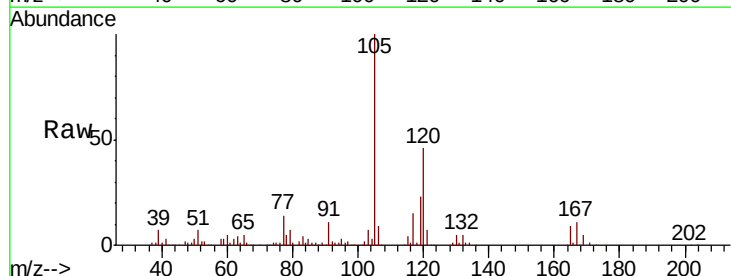
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

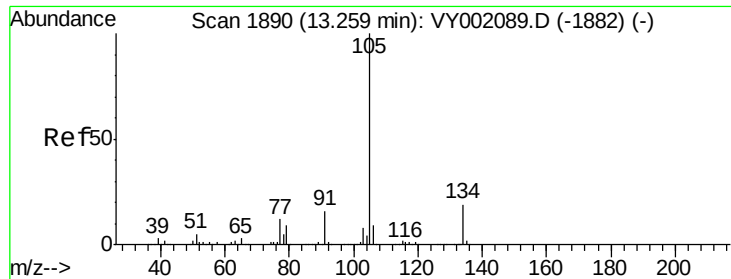
Tot Ion:119 Resp: 127599
 Ion Ratio Lower Upper
 119 100
 91 65.8 32.9 98.6
 134 26.4 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 21.267 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

Tgt Ion:105 Resp: 152083
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 21.338 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

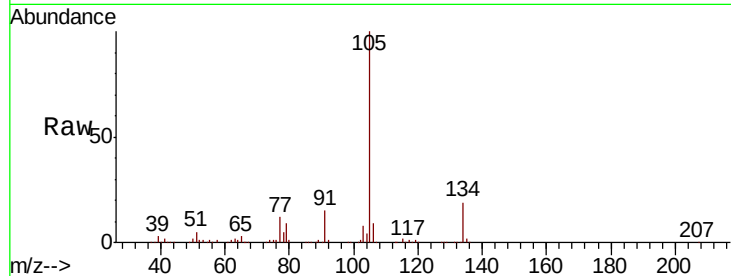
VY0403SBS01

Tot Ion:105 Resp: 189078

Ion Ratio Lower Upper

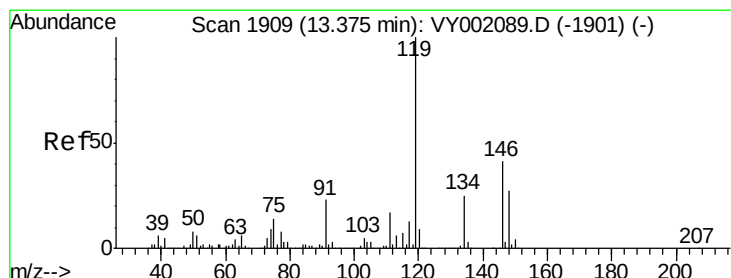
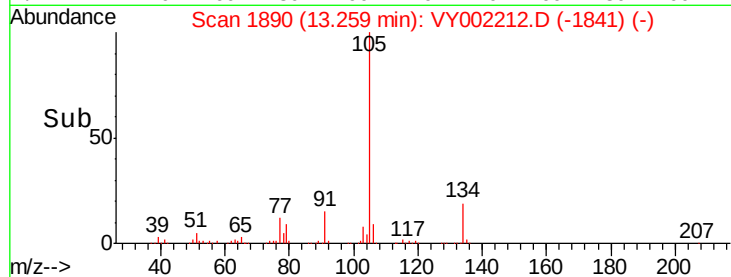
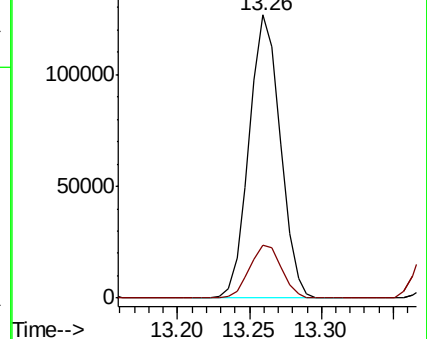
105 100

134 19.0 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.296 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

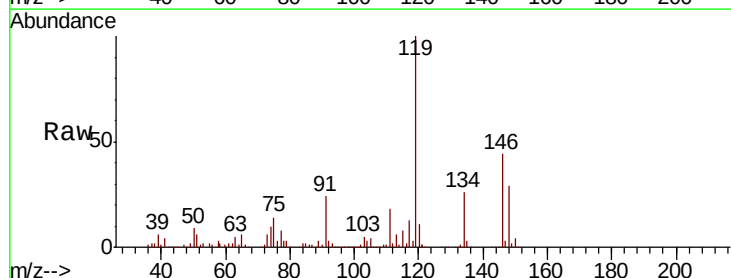
Tgt Ion:119 Resp: 162052

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

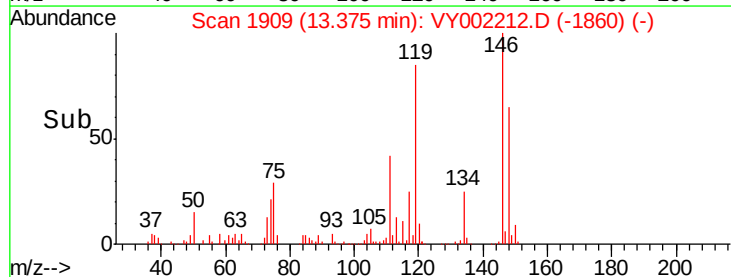
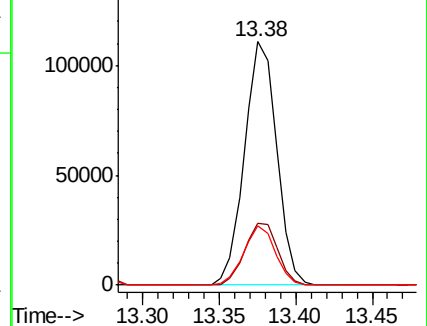
91 24.1 11.8 35.3

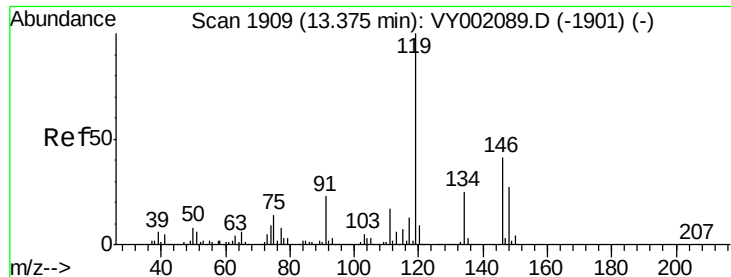


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

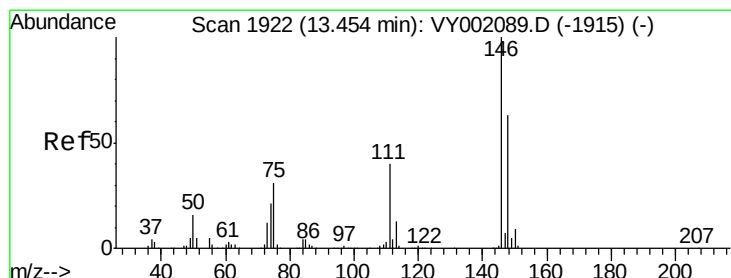
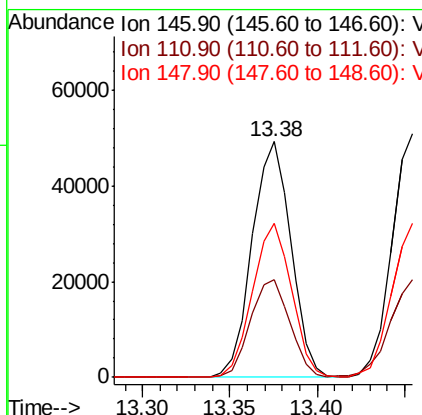
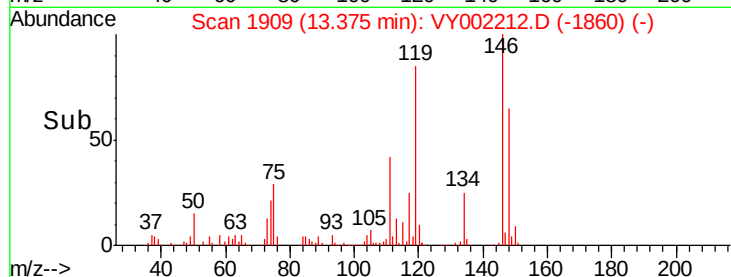
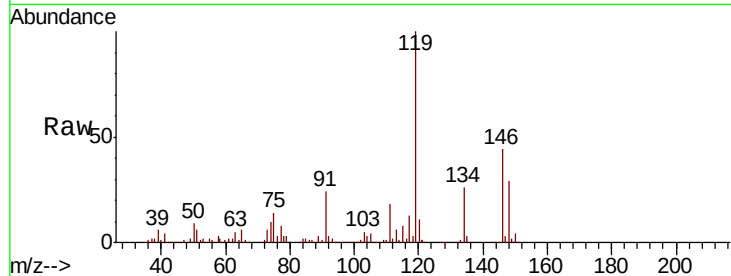




#87
 1,3-Dichlorobenzene
 Concen: 21.015 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

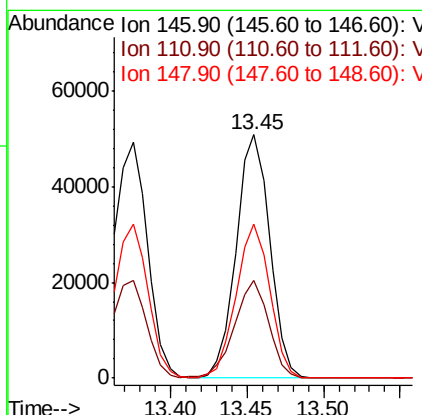
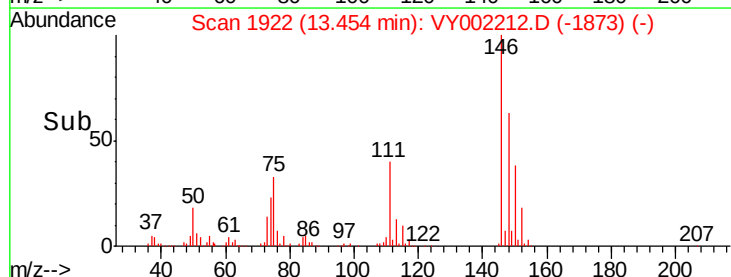
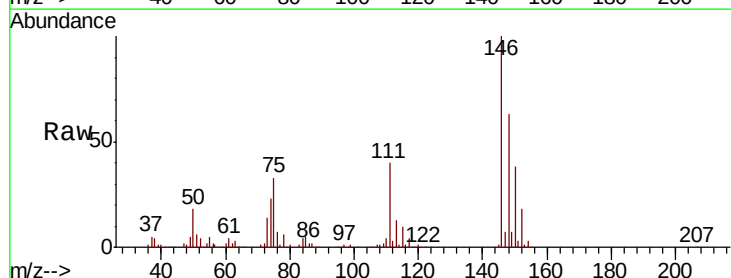
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

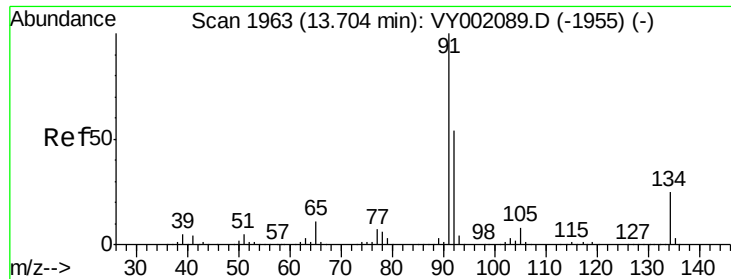
Tot Ion:146 Resp: 76241
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.9 62.8
 148 65.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.240 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

Tgt Ion:146 Resp: 77542
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 60.9
 148 63.7 31.5 94.5





#89

n-Butylbenzene

Concen: 21.226 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

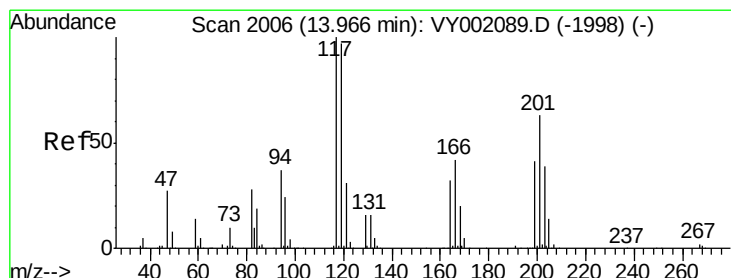
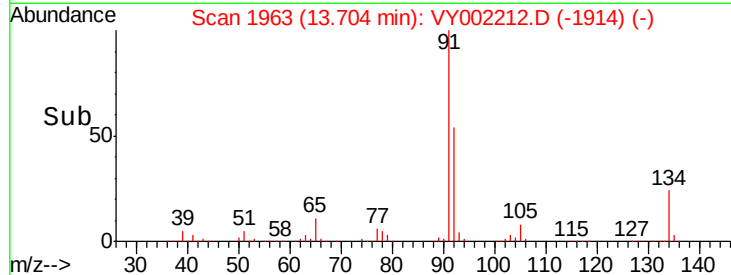
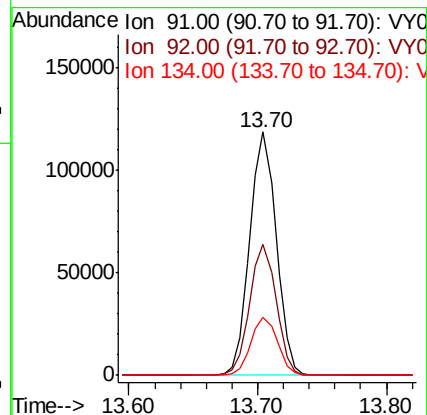
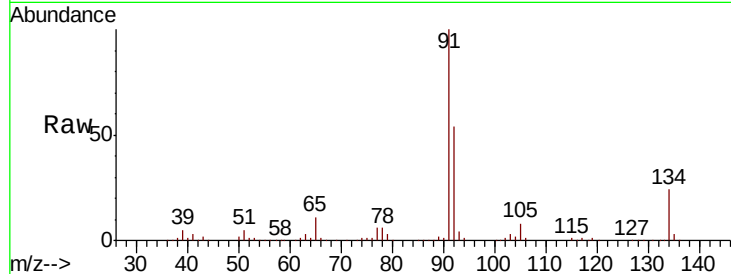
Tot Ion: 91 Resp: 168294

Ion Ratio Lower Upper

91 100

92 53.8 27.0 81.0

134 24.0 12.3 36.8



#90

Hexachloroethane

Concen: 20.734 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY002212.D

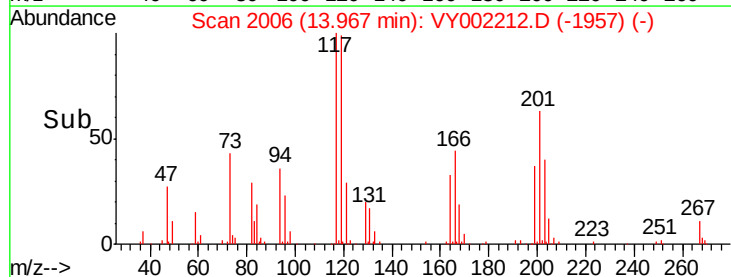
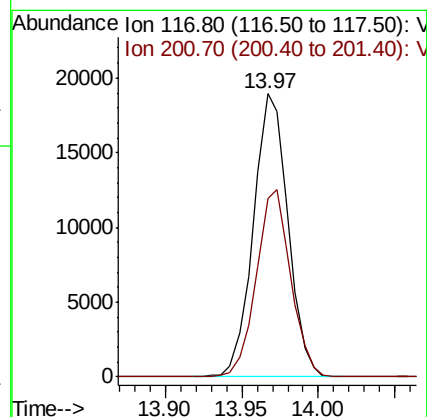
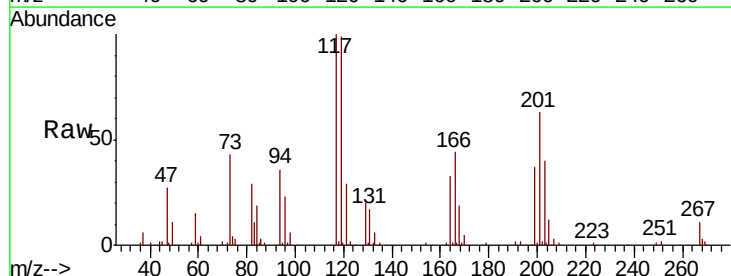
Acq: 03 Apr 2020 12:14

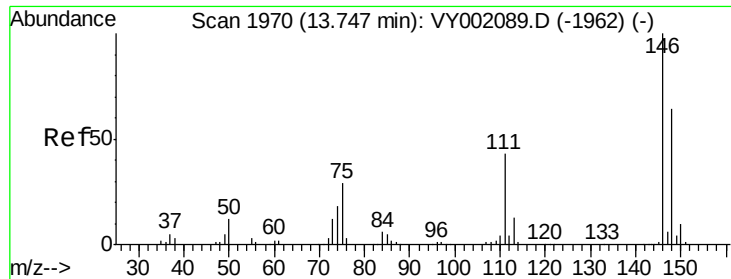
Tgt Ion: 117 Resp: 29731

Ion Ratio Lower Upper

117 100

201 65.8 31.6 94.8





#91

1,2-Dichlorobenzene

Concen: 21.150 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

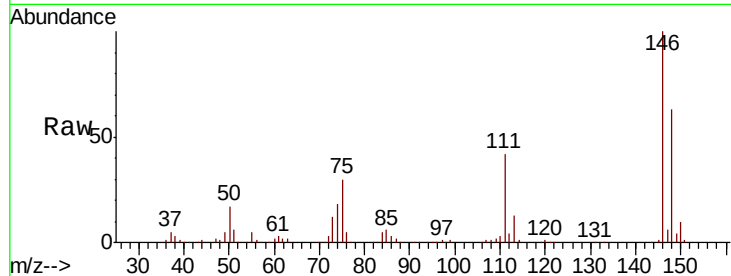
Tot Ion:146 Resp: 70860

Ion Ratio Lower Upper

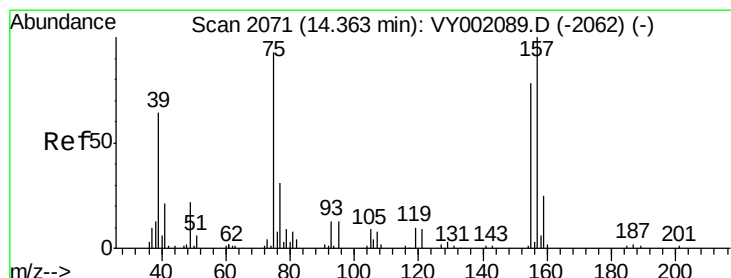
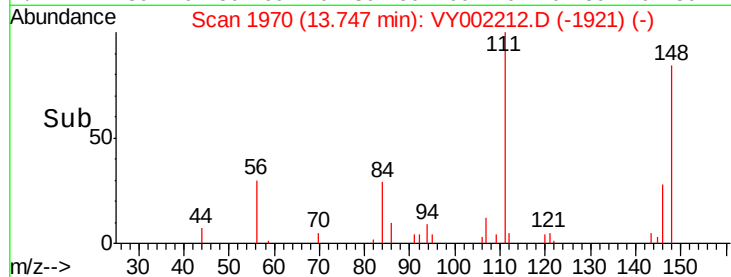
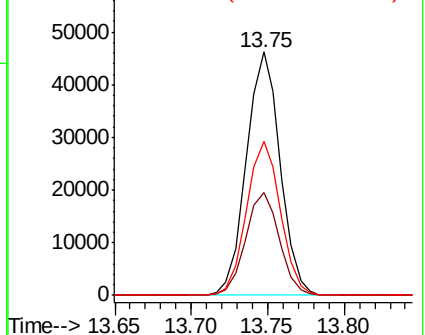
146 100

111 42.1 21.3 63.7

148 63.4 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.461 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

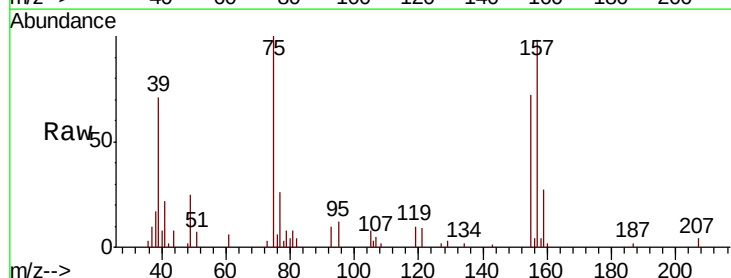
Tgt Ion: 75 Resp: 6127

Ion Ratio Lower Upper

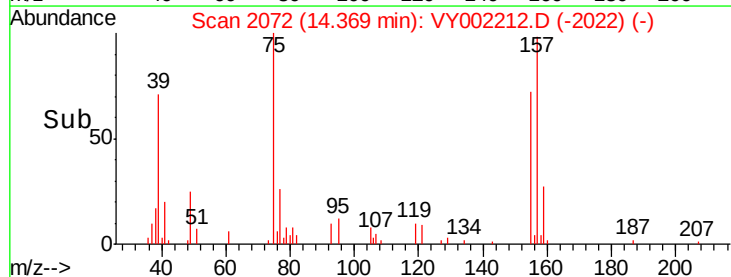
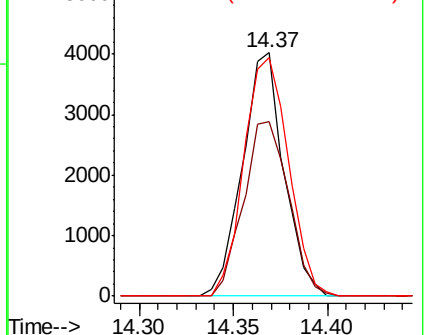
75 100

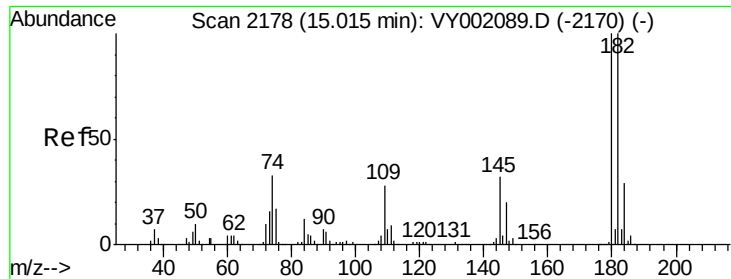
155 78.3 41.6 124.9

157 105.6 53.4 160.3



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

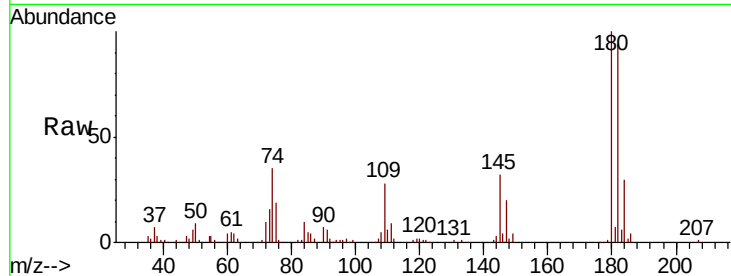




#93
 1,2,4-Trichlorobenzene
 Concen: 21.345 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	48.1	144.3
145	31.2	15.9	47.6

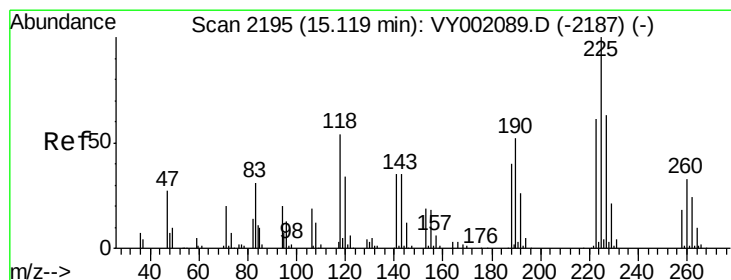
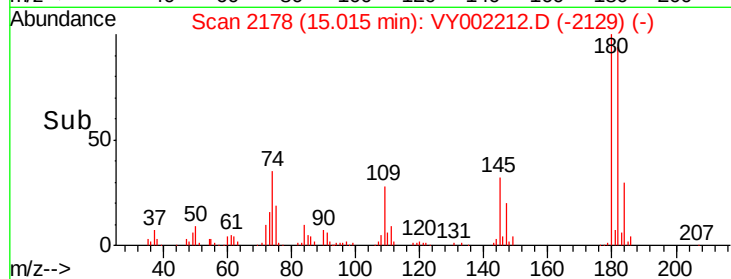
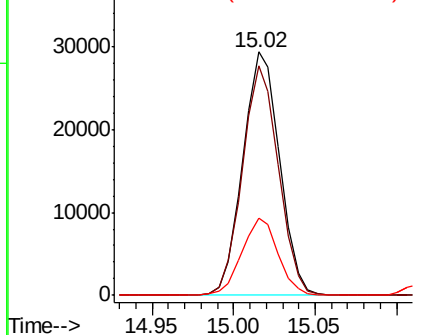


Abundance

Ion 179.80 (179.50 to 180.50): V

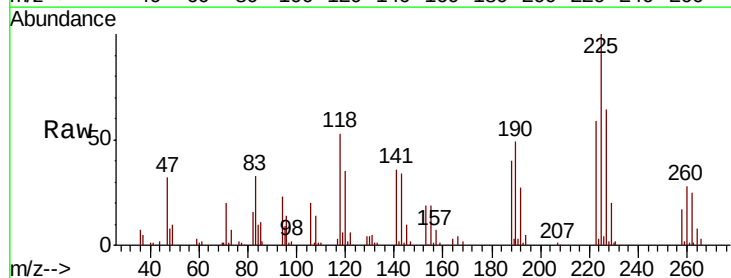
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.820 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002212.D
 Acq: 03 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.1	93.3
227	64.1	31.6	94.7

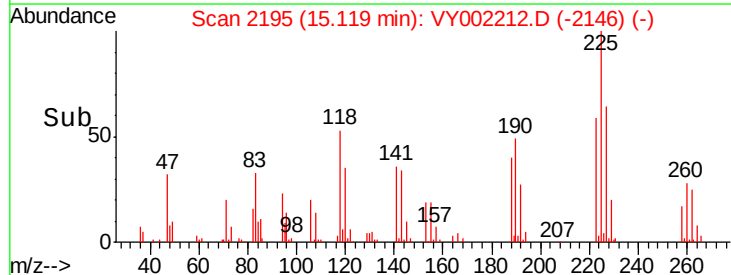
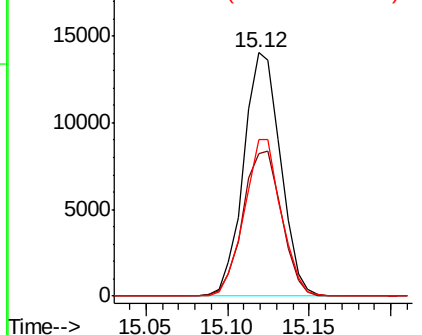


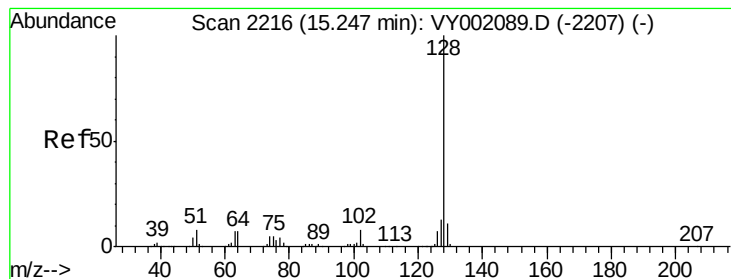
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.532 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

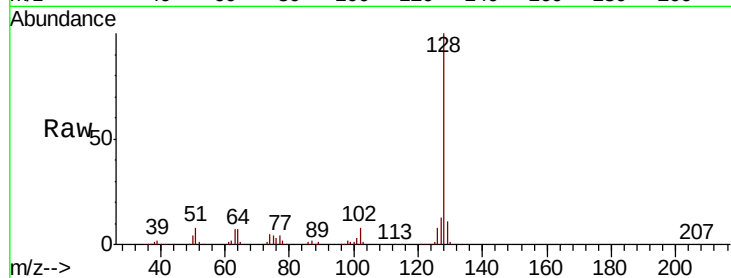
Tot Ion:128 Resp: 105307

Ion Ratio Lower Upper

128 100

127 12.8 9.8 14.8

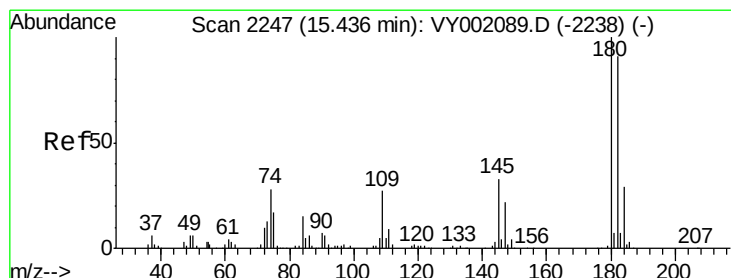
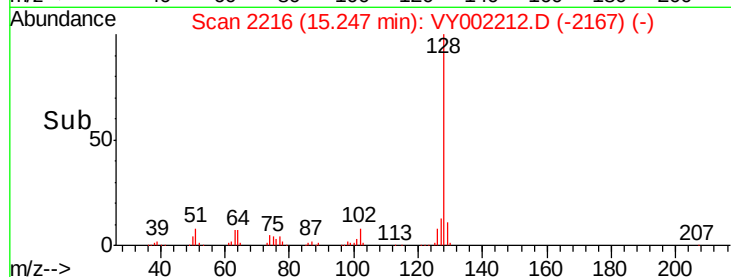
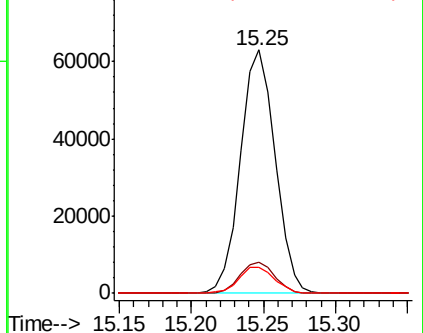
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.470 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY002212.D

Acq: 03 Apr 2020 12:14

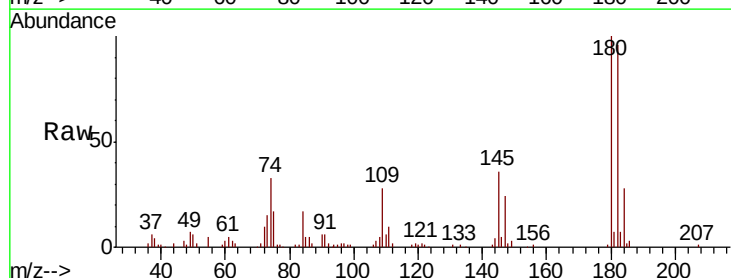
Tgt Ion:180 Resp: 40084

Ion Ratio Lower Upper

180 100

182 95.8 46.8 140.3

145 34.1 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

