

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001214.D
 Acq On : 15 Jan 2020 13:48
 Operator : SY/MD
 Sample : VY0115SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

Quant Time: Jan 16 04:49:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	176031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	308823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	278221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	132246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	94734	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	7.73	113	87786	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	10.18	98	359121	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.48	95	133941	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	32295	23.889	ug/l	96
3) Chloromethane	2.12	50	44677	22.927	ug/l	96
4) Vinyl Chloride	2.25	62	48400	24.654	ug/l	99
5) Bromomethane	2.64	94	31353	29.732	ug/l	92
6) Chloroethane	2.79	64	29697	26.184	ug/l	96
7) Trichlorofluoromethane	3.13	101	59506	21.776	ug/l	100
8) Diethyl Ether	3.53	74	25154	23.690	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	38058	21.637	ug/l	100
10) Methyl Iodide	4.10	142	51435	21.364	ug/l	100
11) Tert butyl alcohol	4.97	59	27106	144.905	ug/l #	73
12) 1,1-Dichloroethene	3.88	96	40057	22.259	ug/l	98
13) Acrolein	3.73	56	21743	129.114	ug/l	100
14) Allyl chloride	4.49	41	68003	22.390	ug/l	99
15) Acrylonitrile	5.18	53	64679	121.797	ug/l	99
16) Acetone	3.96	43	52237	120.980	ug/l	96
17) Carbon Disulfide	4.19	76	130184	22.352	ug/l	100
18) Methyl Acetate	4.49	43	33098	23.185	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	117708	23.647	ug/l	96
20) Methylene Chloride	4.72	84	53589	23.730	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	46931	23.000	ug/l	97
22) Diisopropyl ether	6.13	45	141578	22.823	ug/l	96
23) Vinyl Acetate	6.07	43	472211	119.024	ug/l	98
24) 1,1-Dichloroethane	6.02	63	78020	22.973	ug/l	99
25) 2-Butanone	7.00	43	86057	128.060	ug/l	97
26) 2,2-Dichloropropane	6.99	77	68592	21.964	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	52484	23.474	ug/l	100
28) Bromochloromethane	7.35	49	27221	19.519	ug/l	100
29) Tetrahydrofuran	7.36	42	56668	123.050	ug/l	97
30) Chloroform	7.52	83	76858	23.097	ug/l	97
31) Cyclohexane	7.79	56	77622	21.587	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	64476	21.838	ug/l	99
36) 1,1-Dichloropropene	7.93	75	61204	21.744	ug/l	100
37) Ethyl Acetate	7.08	43	37888	22.936	ug/l	99
38) Carbon Tetrachloride	7.91	117	55255	21.420	ug/l	99

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 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	79582	20.855	ug/l	98
40) Benzene	8.16	78	187282	22.794	ug/l	99
41) Methacrylonitrile	7.35	41	52325	67.433	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	51929	22.571	ug/l	99
43) Isopropyl Acetate	8.28	43	73239	23.186	ug/l	99
44) Trichloroethene	8.94	130	49221	22.990	ug/l	97
45) 1,2-Dichloropropane	9.22	63	46583	22.933	ug/l	96
46) Dibromomethane	9.31	93	25173	22.713	ug/l	100
47) Bromodichloromethane	9.50	83	60457	22.383	ug/l	99
48) Methyl methacrylate	9.30	41	33203	22.715	ug/l	98
49) 1,4-Dioxane	9.30	88	7206	533.897	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	185130	115.505	ug/l	100
52) Toluene	10.24	92	116361	22.204	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	67133	22.212	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	76563	22.468	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	37316	22.712	ug/l	96
56) Ethyl methacrylate	10.51	69	56560	22.504	ug/l	99
57) 1,3-Dichloropropane	10.79	76	64498	22.866	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	97935	110.792	ug/l	100
59) 2-Hexanone	10.83	43	133145	118.532	ug/l	98
60) Dibromochloromethane	10.99	129	42563	22.499	ug/l	99
61) 1,2-Dibromoethane	11.08	107	35861	22.353	ug/l	99
64) Tetrachloroethene	10.72	164	38911	21.696	ug/l	95
65) Chlorobenzene	11.52	112	123289	22.177	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	43292	22.594	ug/l	98
67) Ethyl Benzene	11.59	91	225540	22.178	ug/l	99
68) m/p-Xylenes	11.70	106	172364	44.929	ug/l	99
69) o-Xylene	12.03	106	82443	22.414	ug/l	97
70) Styrene	12.04	104	143391	22.218	ug/l	98
71) Bromoform	12.20	173	25874	21.897	ug/l #	99
73) Isopropylbenzene	12.33	105	216770	21.804	ug/l	100
74) N-amyl acetate	12.14	43	69798	22.496	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	47480	22.699	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	60932	43.040	ug/l #	100
77) Bromobenzene	12.61	156	48674	22.157	ug/l	97
78) n-propylbenzene	12.67	91	262537	21.954	ug/l	100
79) 2-Chlorotoluene	12.75	91	149694	21.796	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	182392	21.987	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	17764	21.278	ug/l #	94
82) 4-Chlorotoluene	12.85	91	155975	21.273	ug/l	98
83) tert-Butylbenzene	13.07	119	151246	21.699	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	182974	22.212	ug/l	99
85) sec-Butylbenzene	13.25	105	221626	22.102	ug/l	100
86) p-Isopropyltoluene	13.37	119	194689	22.362	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	96149	23.143	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	95138	22.250	ug/l	100
89) n-Butylbenzene	13.69	91	194801	22.215	ug/l	99
90) Hexachloroethane	13.95	117	36504	21.458	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	88005	22.792	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	8153	21.608	ug/l	98

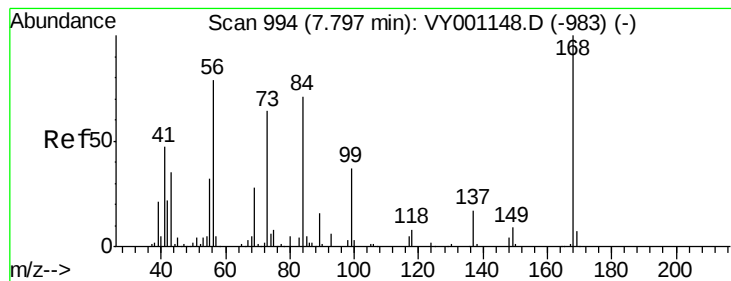
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001214.D
Acq On : 15 Jan 2020 13:48
Operator : SY/MD
Sample : VY0115SBSD01
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Instrument :
MSVOA_Y
ClientSampleId :
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QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	59456	23.371	ug/l	99
94) Hexachlorobutadiene	15.11	225	29420	22.955	ug/l	99
95) Naphthalene	15.23	128	136774	23.094	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	52674	23.493	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

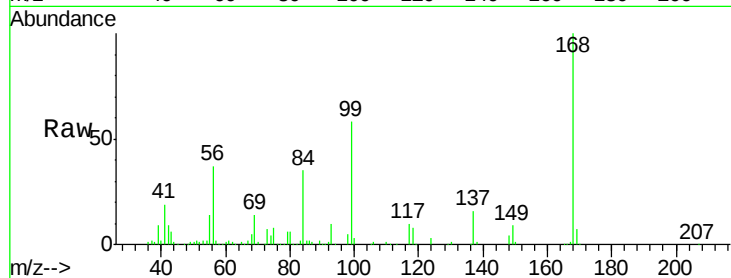
VY0115SBS01

Tgt Ion:168 Resp: 176031

Ion Ratio Lower Upper

168 100

99 58.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

80000

60000

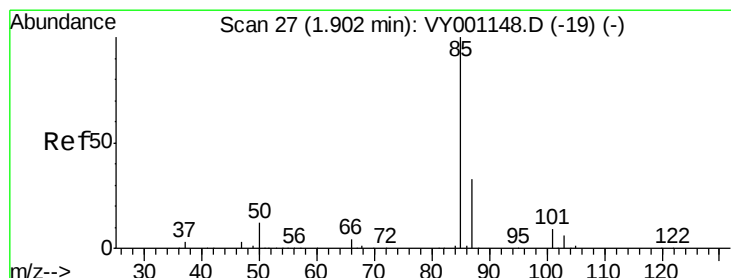
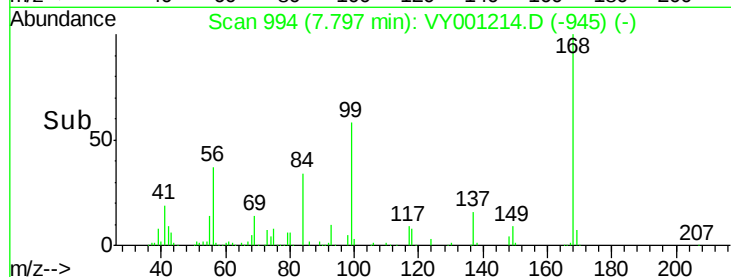
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.889 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY001214.D

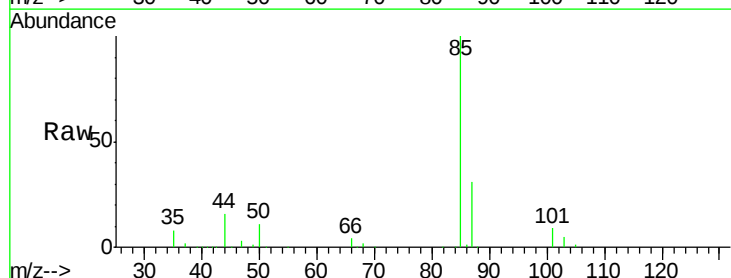
Acq: 15 Jan 2020 13:48

Tgt Ion: 85 Resp: 32295

Ion Ratio Lower Upper

85 100

87 30.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)

1.90

25000

20000

15000

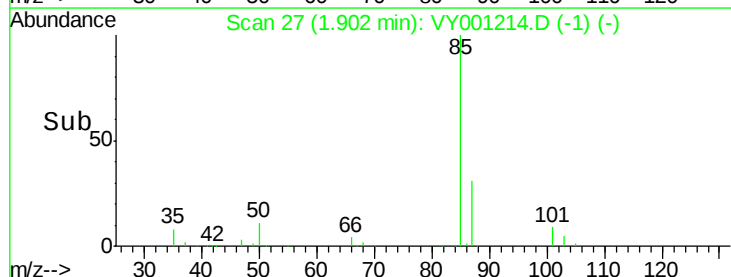
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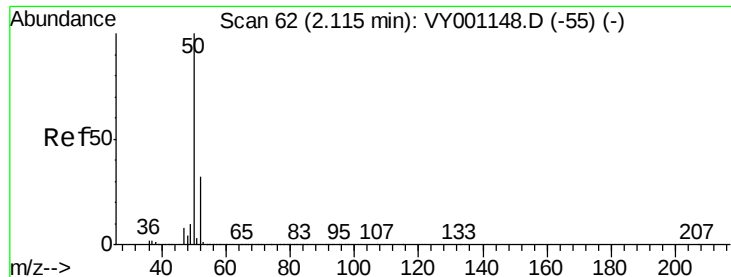
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 22.927 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

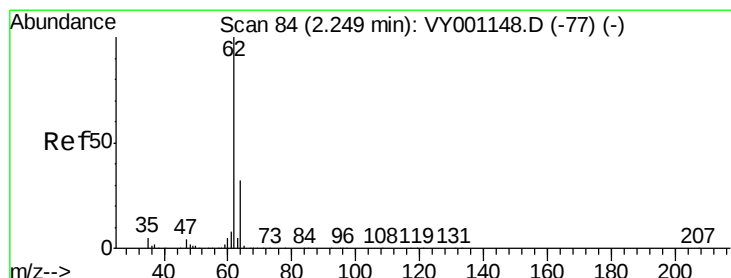
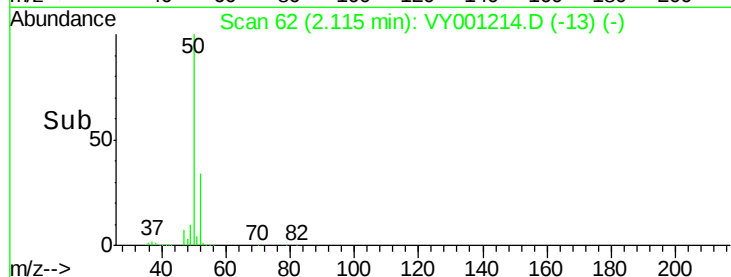
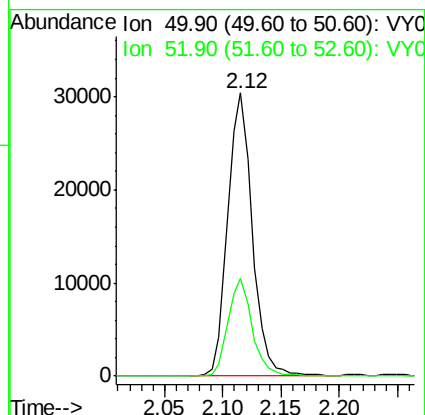
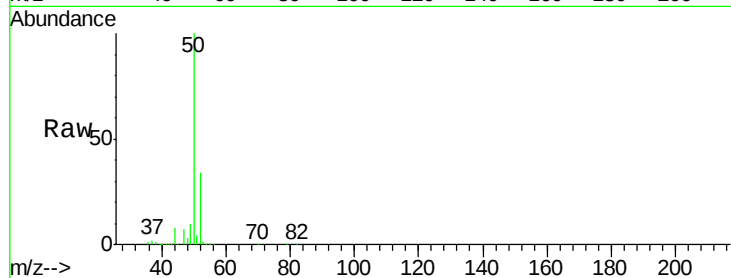
VY0115SBS01

Tgt Ion: 50 Resp: 44677

Ion Ratio Lower Upper

50 100

52 34.4 25.8 38.6



#4

Vinyl Chloride

Concen: 24.654 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY001214.D

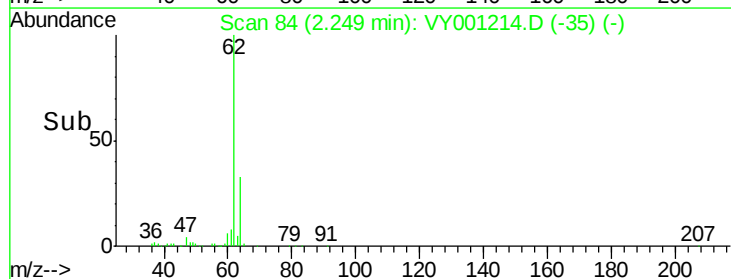
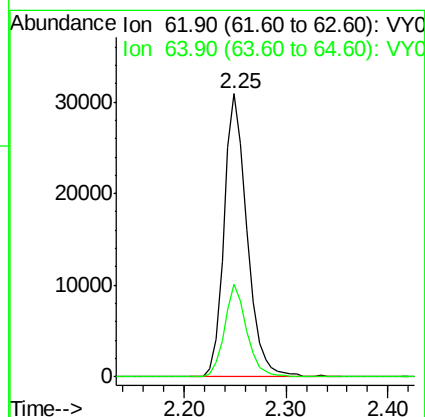
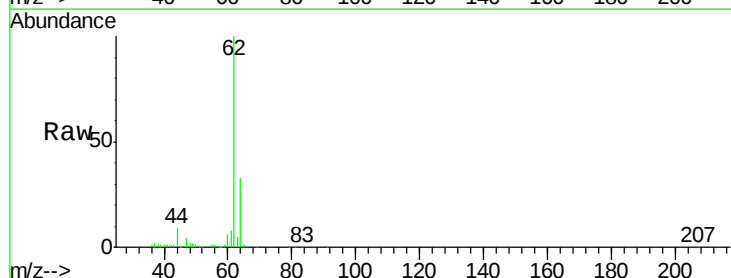
Acq: 15 Jan 2020 13:48

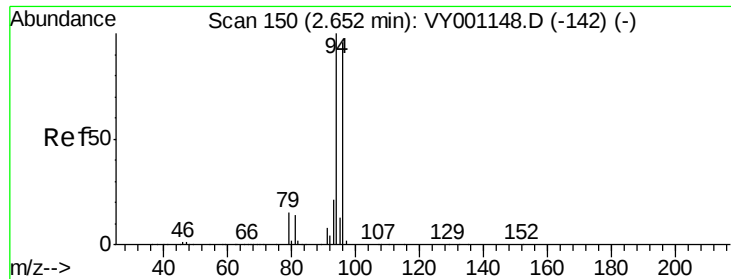
Tgt Ion: 62 Resp: 48400

Ion Ratio Lower Upper

62 100

64 32.9 25.8 38.8





#5

Bromomethane

Concen: 29.732 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

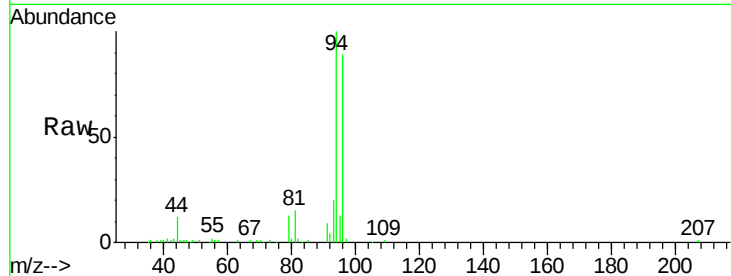
VY0115SBS01

Tgt Ion: 94 Resp: 31353

Ion Ratio Lower Upper

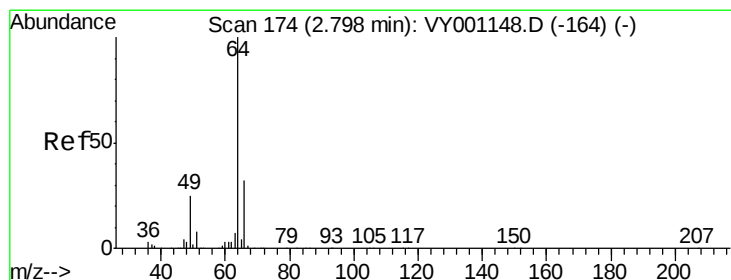
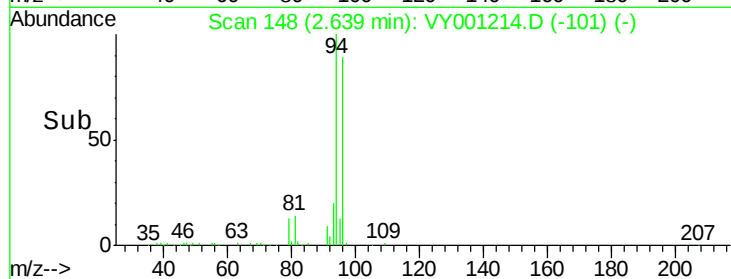
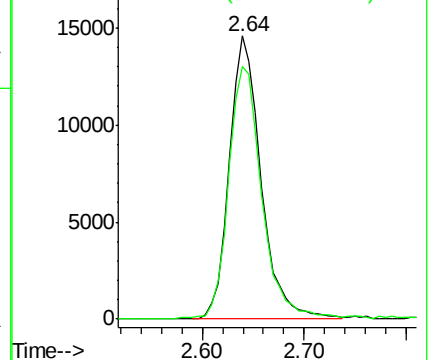
94 100

96 88.7 77.3 115.9



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 26.184 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY001214.D

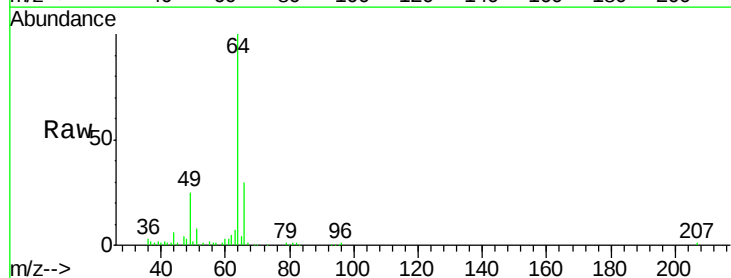
Acq: 15 Jan 2020 13:48

Tgt Ion: 64 Resp: 29697

Ion Ratio Lower Upper

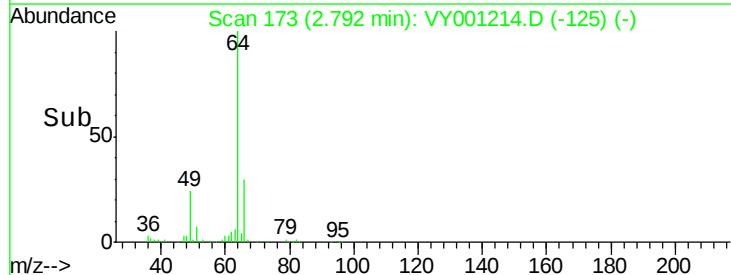
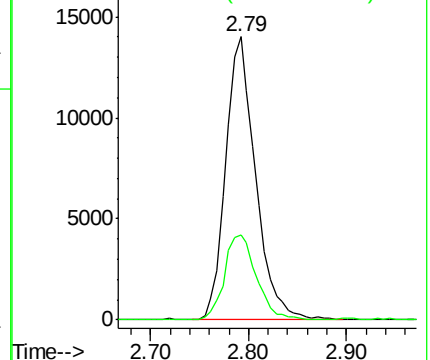
64 100

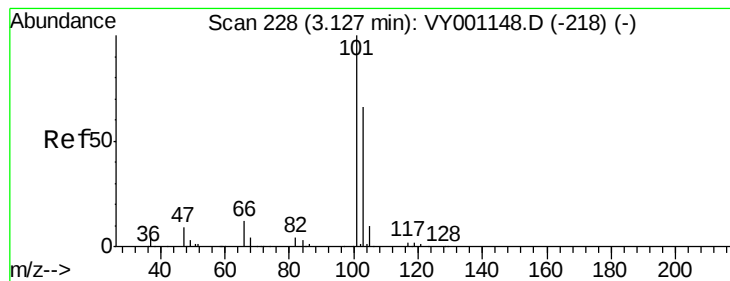
66 29.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



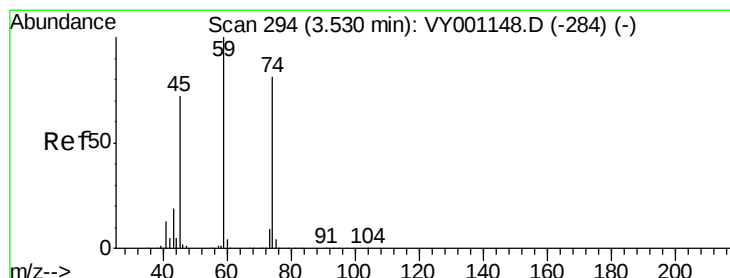
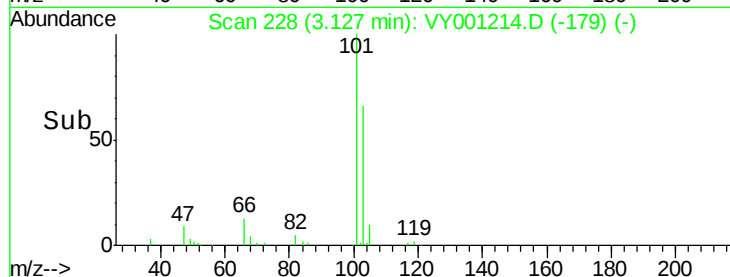
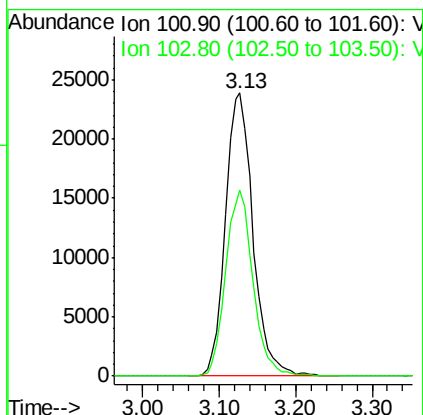
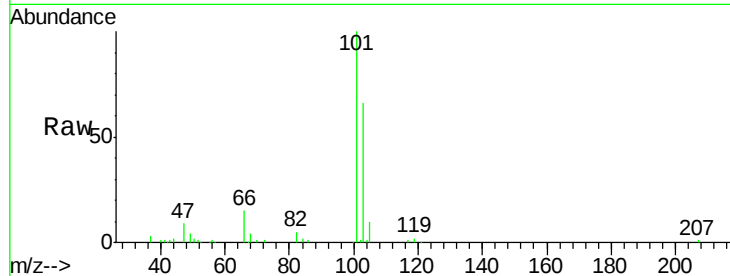


#7

Trichlorofluoromethane
 Concen: 21.776 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

Instrument :
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 VY0115SBS01

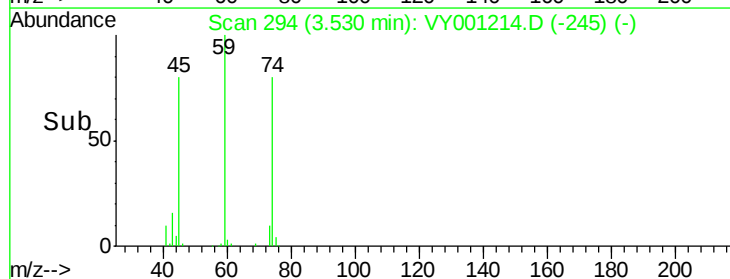
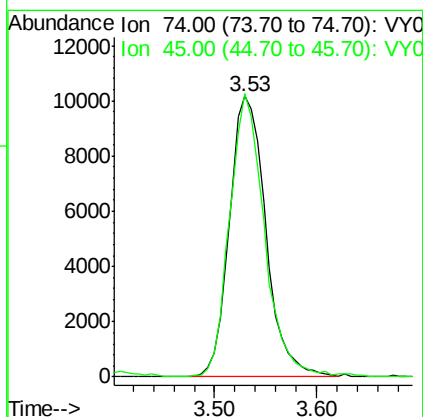
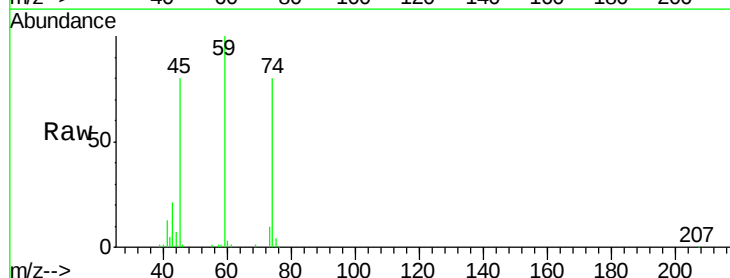
Tgt Ion:101 Resp: 59506
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.6 79.0

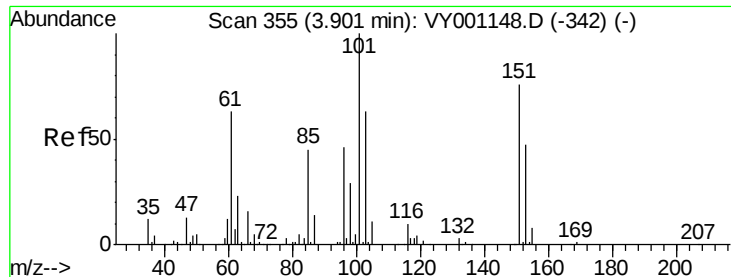


#8

Diethyl Ether
 Concen: 23.690 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

Tgt Ion: 74 Resp: 25154
 Ion Ratio Lower Upper
 74 100
 45 96.4 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.637 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

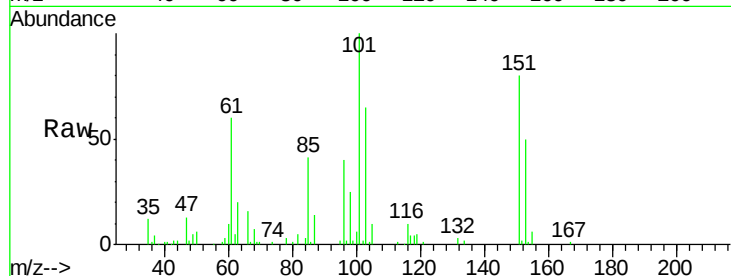
Tgt Ion:101 Resp: 38058

Ion Ratio Lower Upper

101 100

85 43.5 35.2 52.8

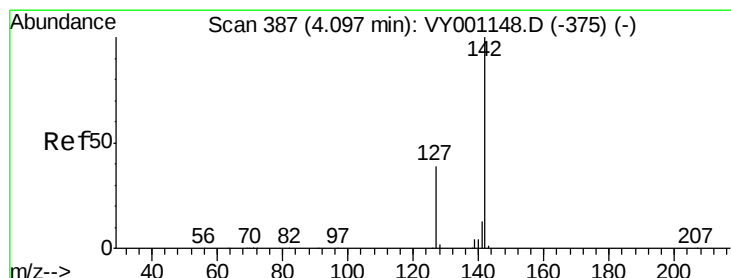
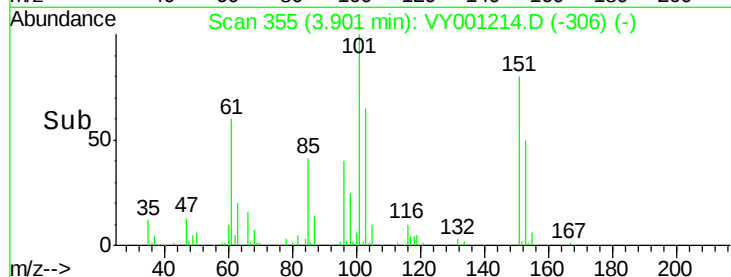
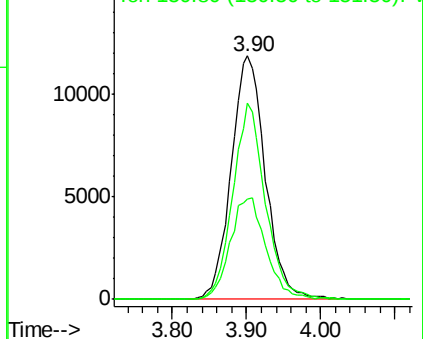
151 76.8 61.4 92.2



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: 21.364 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

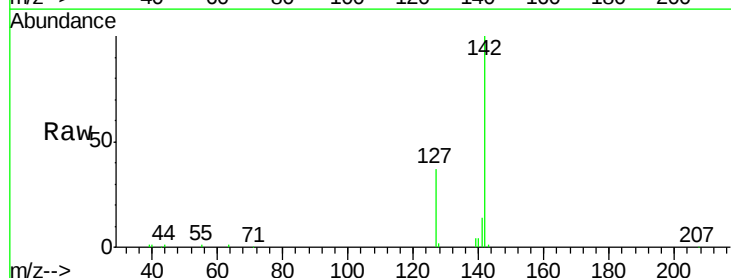
Tgt Ion:142 Resp: 51435

Ion Ratio Lower Upper

142 100

127 38.4 30.8 46.2

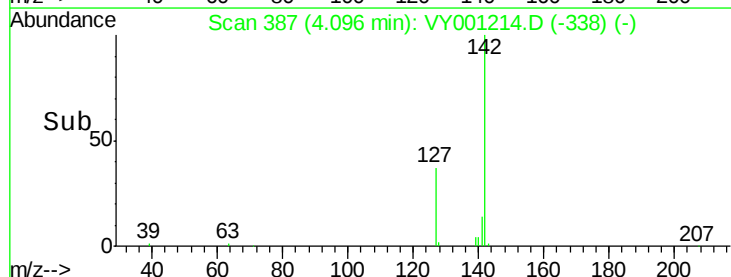
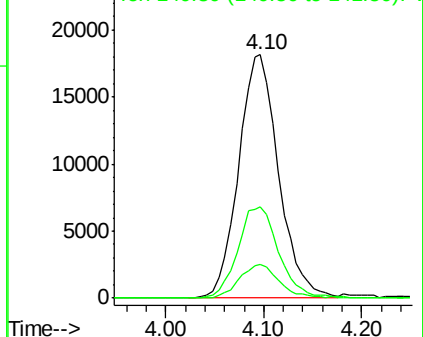
141 13.6 11.0 16.4

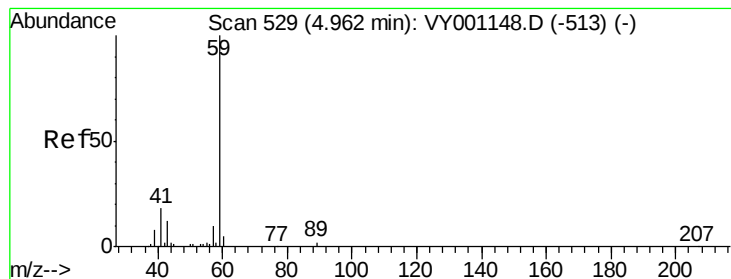


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



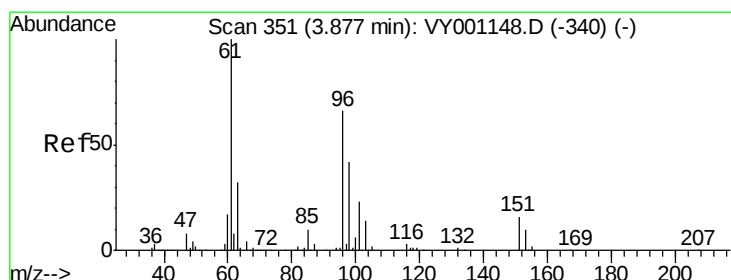
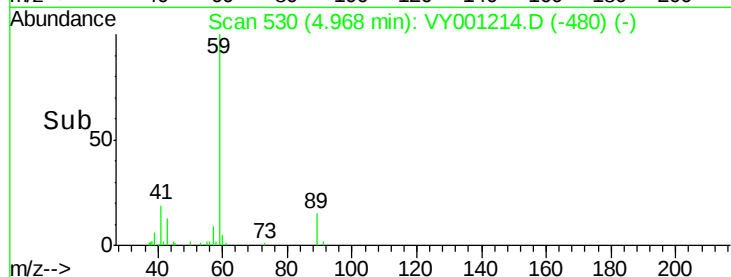
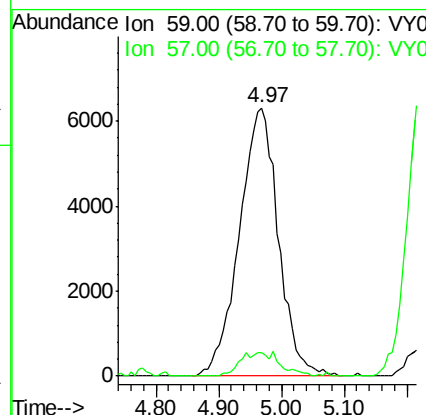
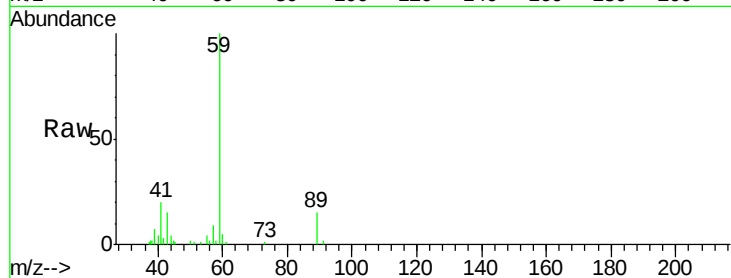


#11

Tert butyl alcohol
 Concen: 144.905 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBSD01

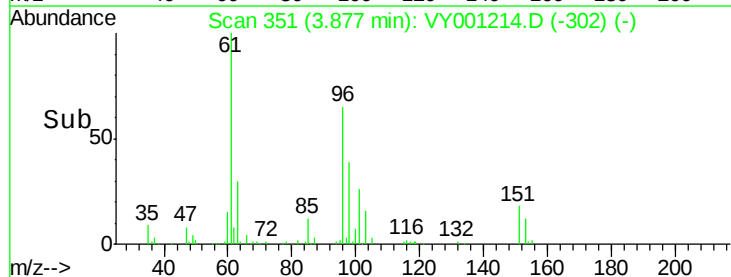
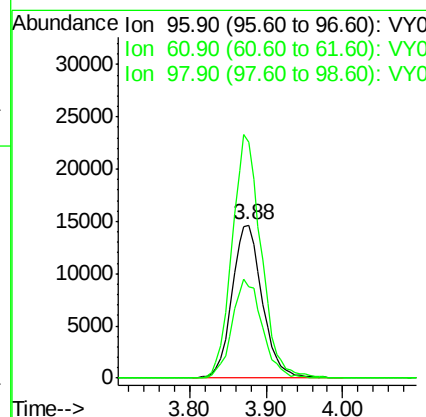
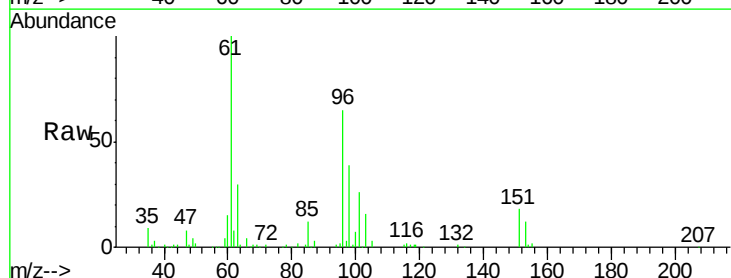
Tgt Ion: 59 Resp: 27106
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#

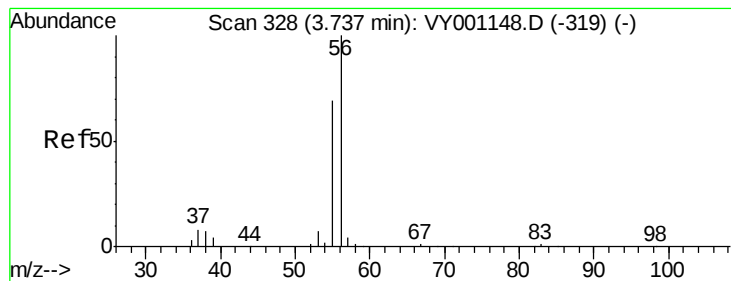


#12

1,1-Dichloroethene
 Concen: 22.259 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

Tgt Ion: 96 Resp: 40057
 Ion Ratio Lower Upper
 96 100
 61 154.1 122.1 183.1
 98 59.6 51.0 76.6





#13

Acrolein

Concen: 129.114 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

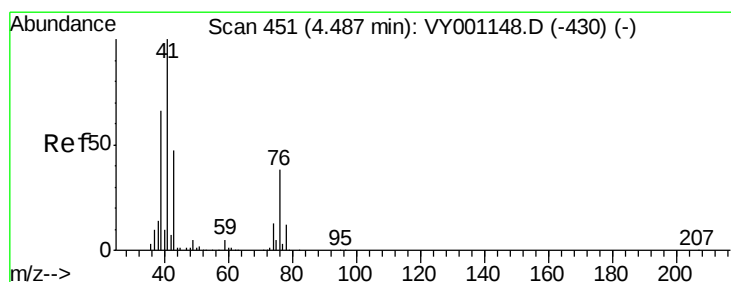
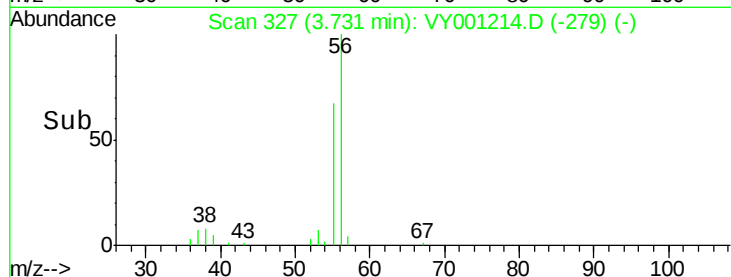
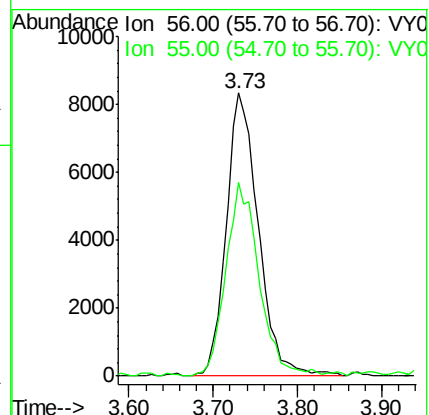
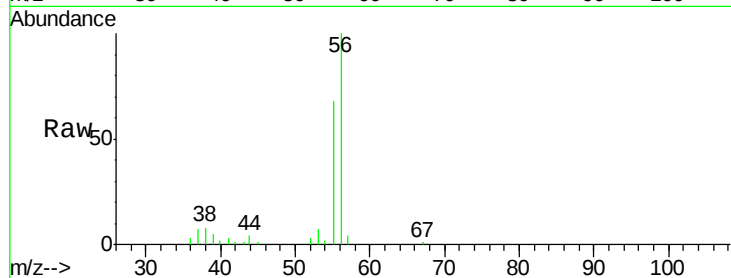
VY0115SBS01

Tgt Ion: 56 Resp: 21743

Ion Ratio Lower Upper

56 100

55 70.9 56.7 85.1



#14

Allyl chloride

Concen: 22.390 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

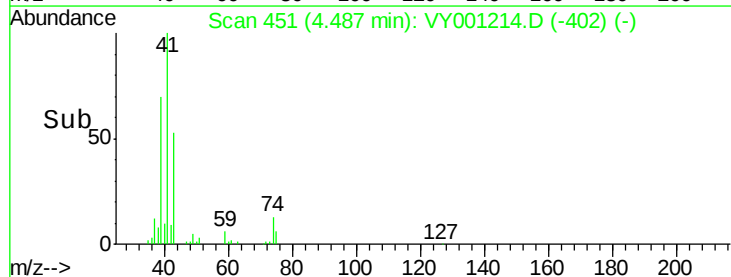
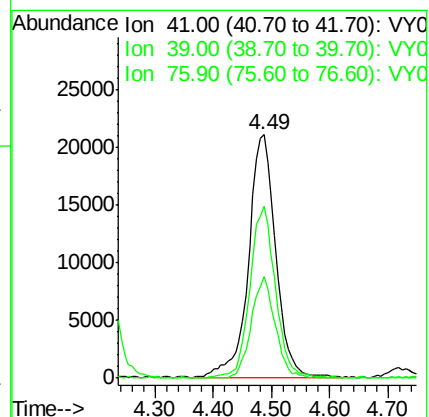
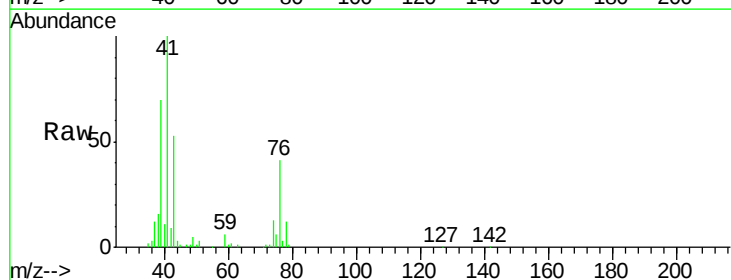
Tgt Ion: 41 Resp: 68003

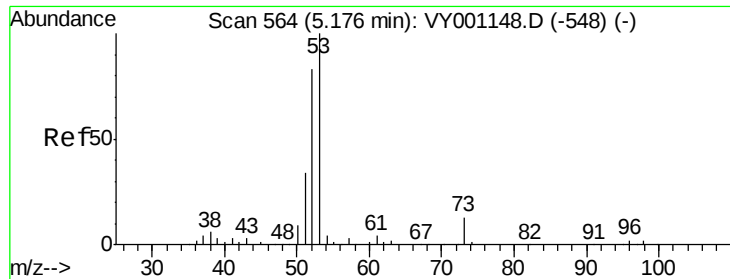
Ion Ratio Lower Upper

41 100

39 66.7 52.6 78.8

76 36.8 30.2 45.2





#15

Acrylonitrile

Concen: 121.797 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

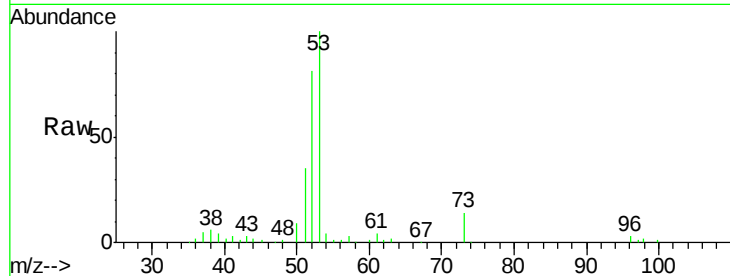
Tgt Ion: 53 Resp: 64679

Ion Ratio Lower Upper

53 100

52 81.1 65.7 98.5

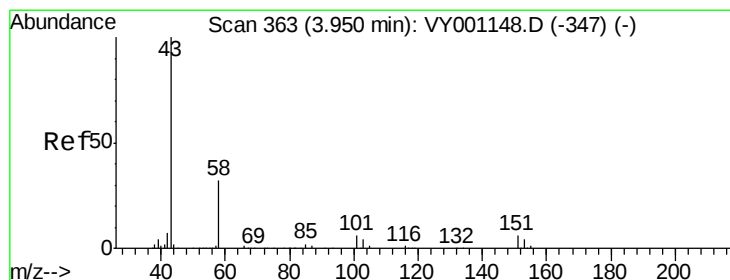
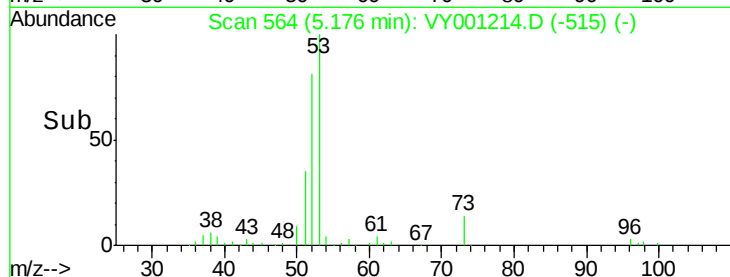
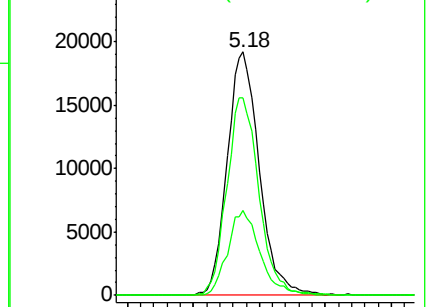
51 35.1 28.7 43.1



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: 120.980 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001214.D

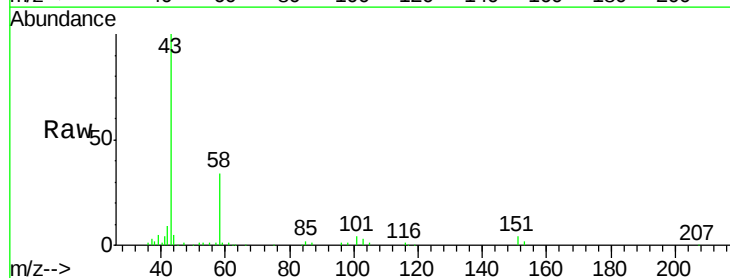
Acq: 15 Jan 2020 13:48

Tgt Ion: 43 Resp: 52237

Ion Ratio Lower Upper

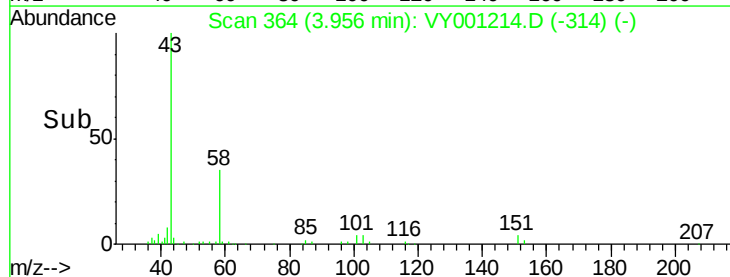
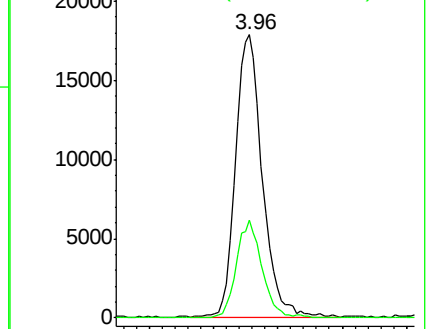
43 100

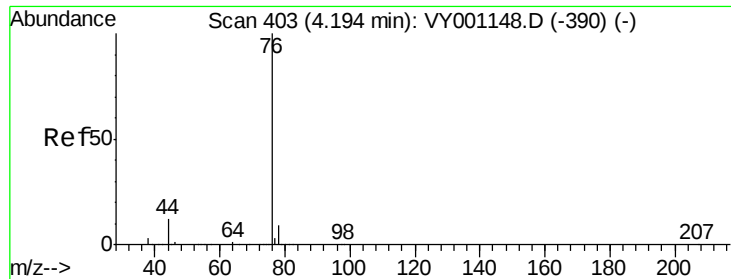
58 34.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

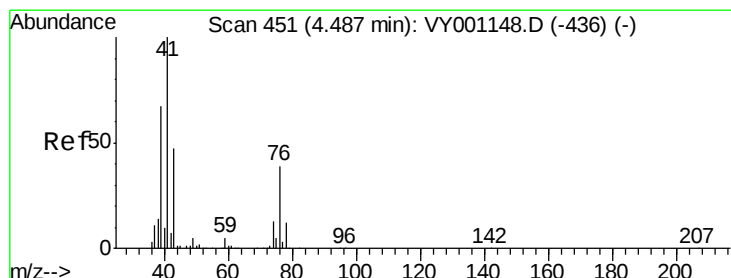
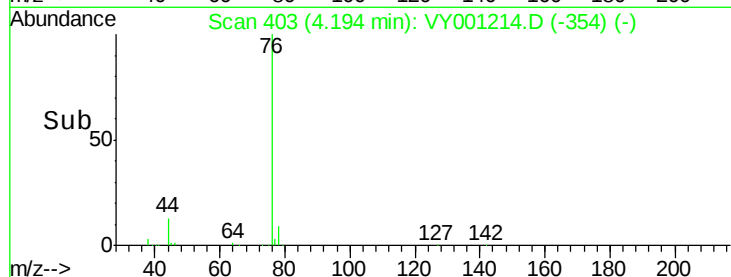
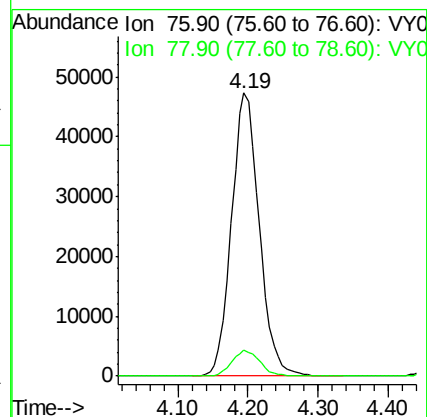
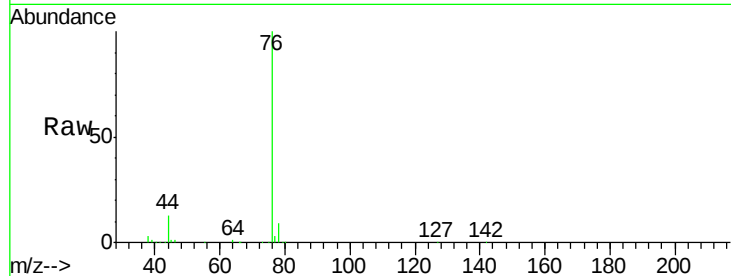




#17
Carbon Disulfide
Concen: 22.352 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

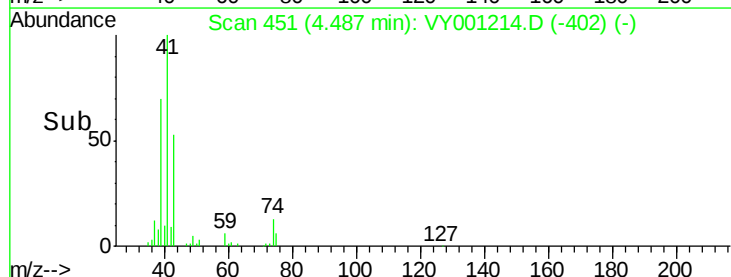
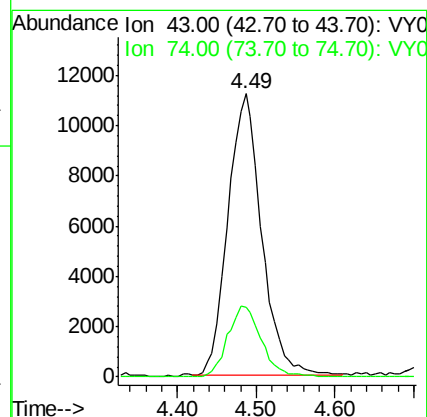
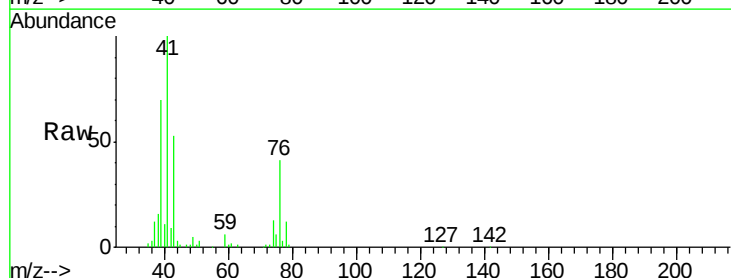
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

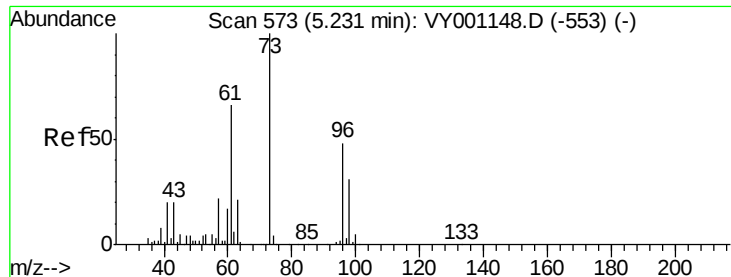
Tgt Ion: 76 Resp: 130184
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 23.185 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Tgt Ion: 43 Resp: 33098
Ion Ratio Lower Upper
43 100
74 25.3 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 23.647 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

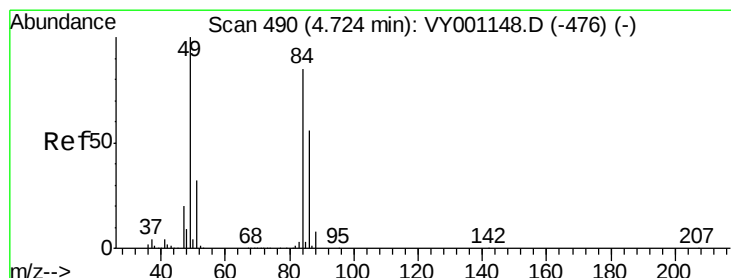
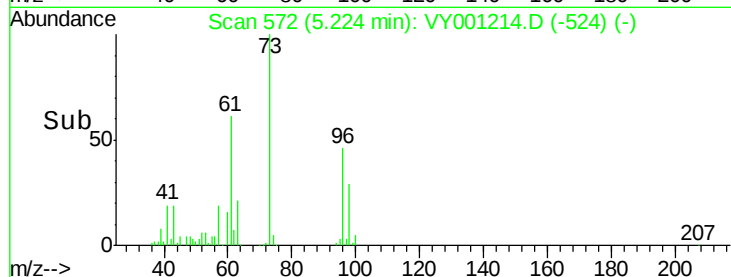
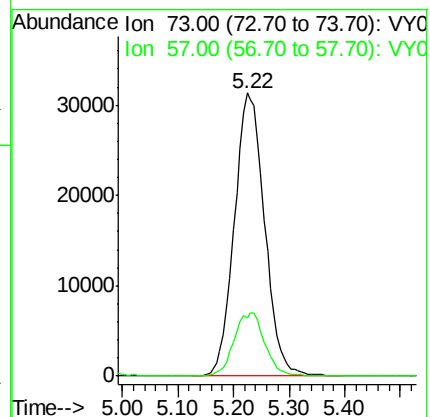
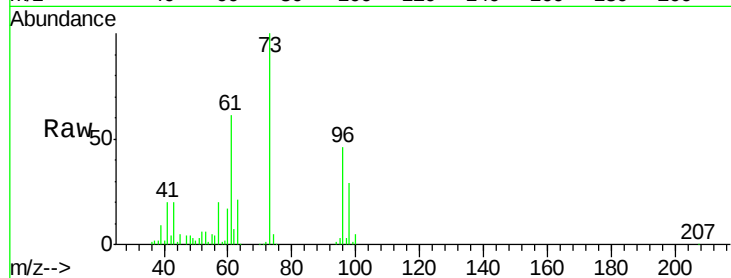
VY0115SBS01

Tgt Ion: 73 Resp: 117708

Ion Ratio Lower Upper

73 100

57 20.3 17.8 26.6



#20

Methylene Chloride

Concen: 23.730 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Tgt Ion: 84 Resp: 53589

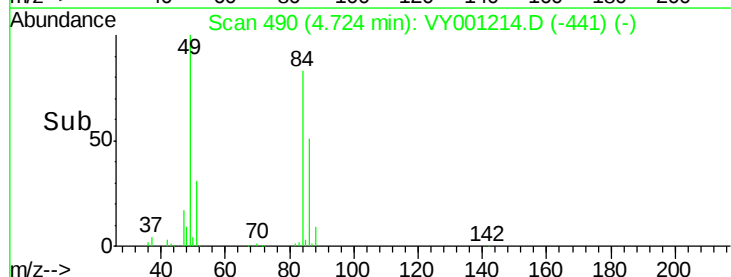
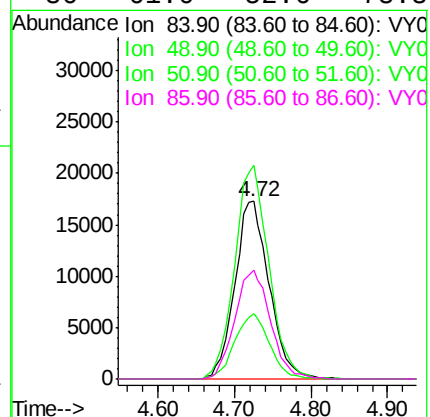
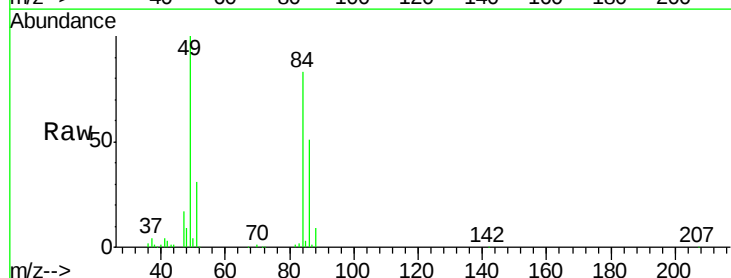
Ion Ratio Lower Upper

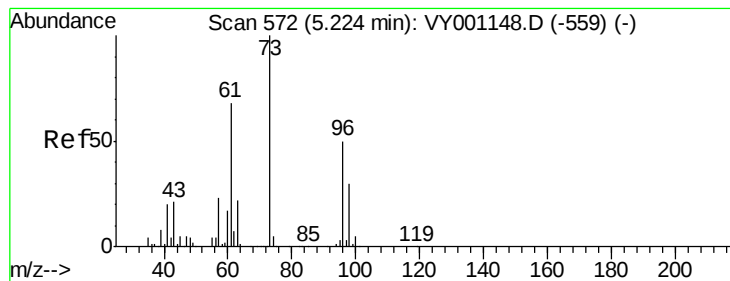
84 100

49 120.3 93.8 140.6

51 37.0 29.9 44.9

86 61.0 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 23.000 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

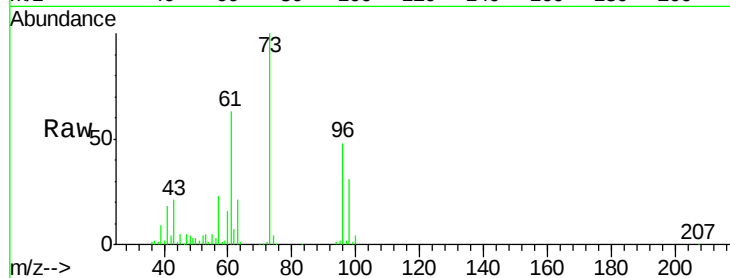
Tgt Ion: 96 Resp: 46931

Ion Ratio Lower Upper

96 100

61 132.9 107.6 161.4

98 65.6 47.6 71.4

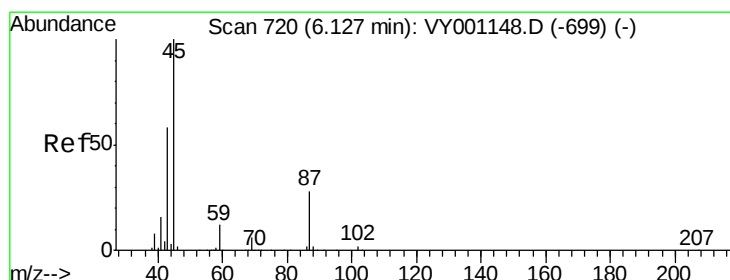
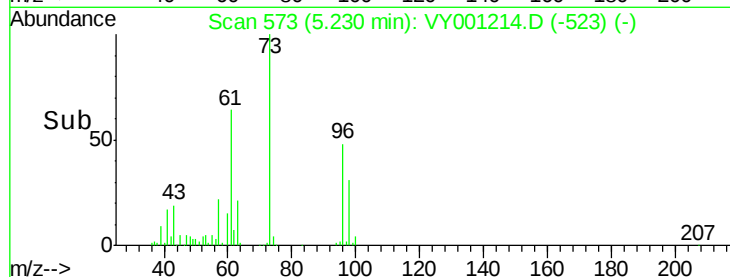
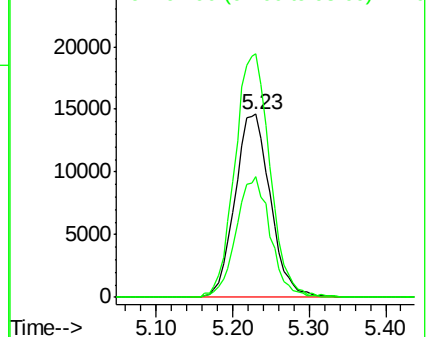


Abundance

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: 22.823 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Tgt Ion: 45 Resp: 141578

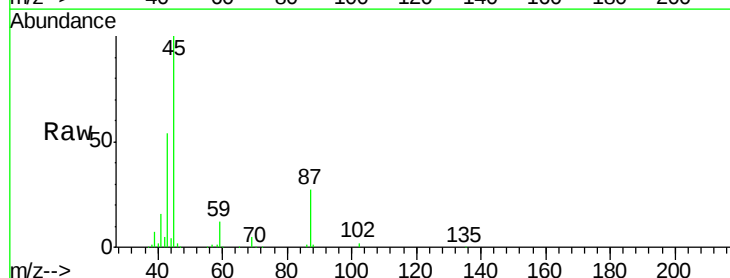
Ion Ratio Lower Upper

45 100

43 53.6 46.5 69.7

87 27.2 22.5 33.7

59 12.1 9.4 14.0



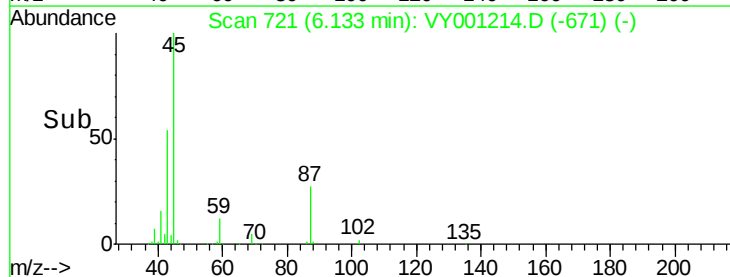
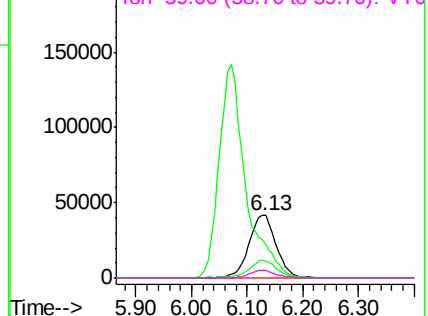
Abundance

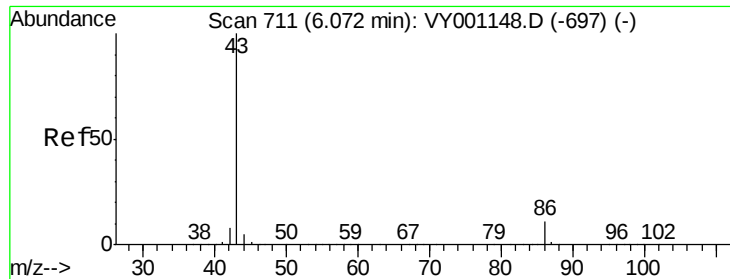
Ion 45.00 (44.70 to 45.70): VY0

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: 119.024 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

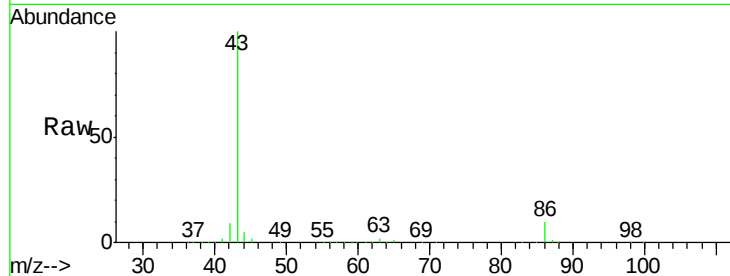
VY0115SBS01

Tgt Ion: 43 Resp: 472211

Ion Ratio Lower Upper

43 100

86 10.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

150000

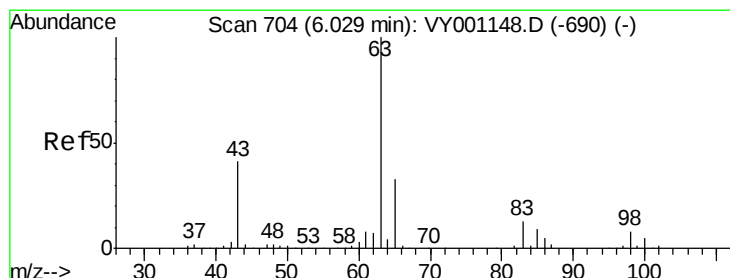
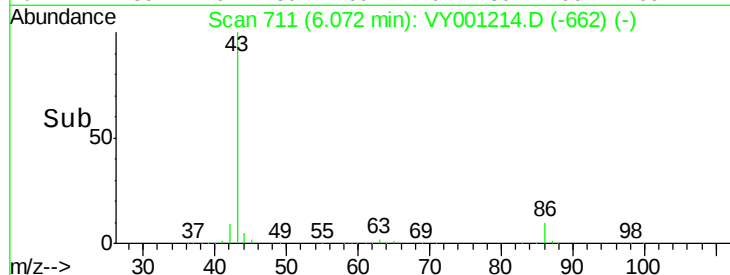
100000

50000

0

6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 22.973 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

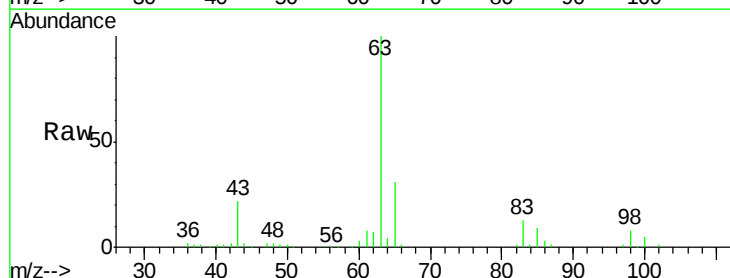
Tgt Ion: 63 Resp: 78020

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 5.4 2.4 7.2



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

6.02

30000

25000

20000

15000

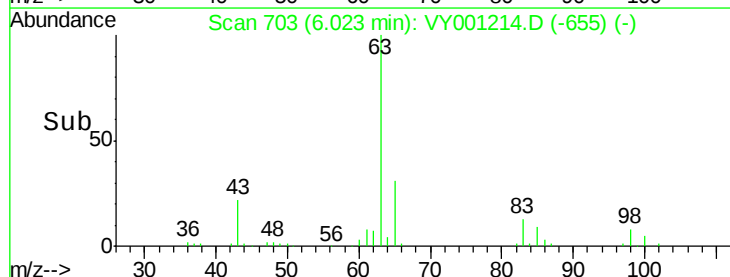
10000

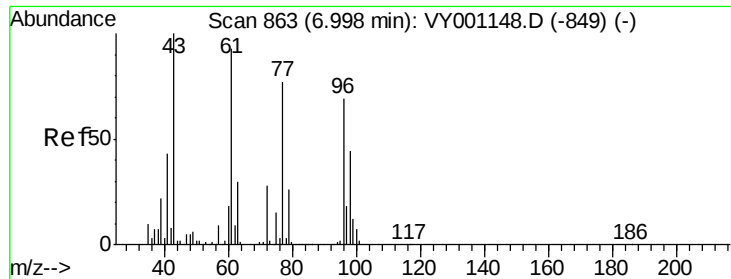
5000

0

5.90 6.10

Time-->





#25

2-Butanone

Concen: 128.060 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

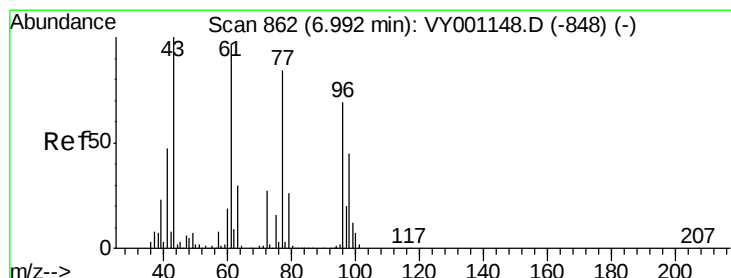
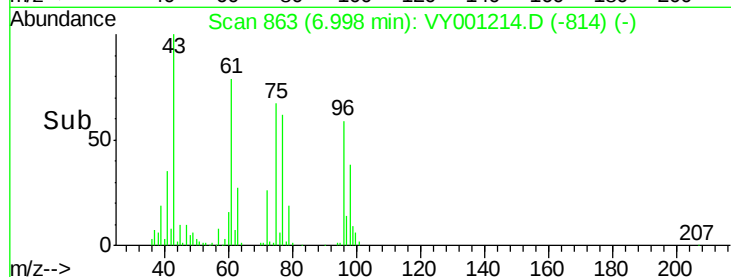
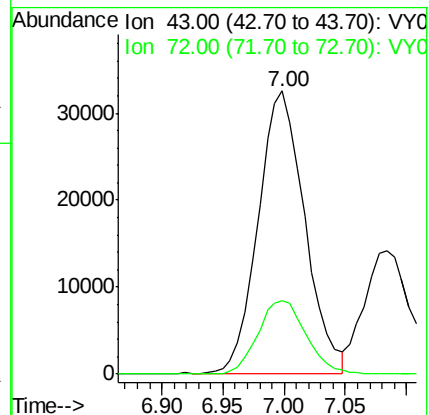
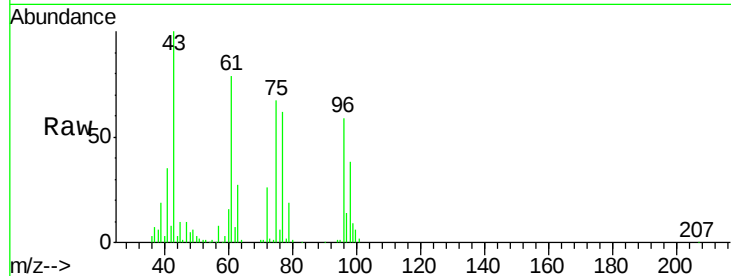
VY0115SBS01

Tgt Ion: 43 Resp: 86057

Ion Ratio Lower Upper

43 100

72 26.0 22.2 33.2



#26

2,2-Dichloropropane

Concen: 21.964 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY001214.D

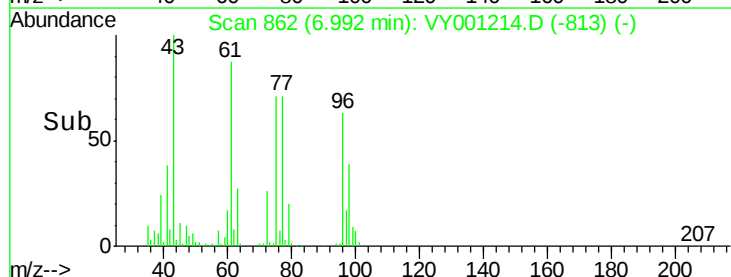
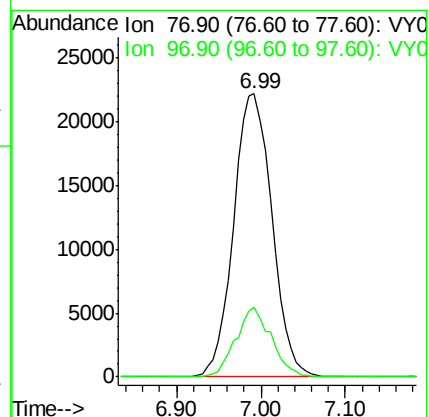
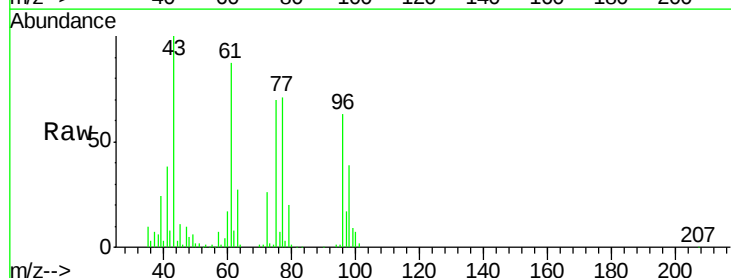
Acq: 15 Jan 2020 13:48

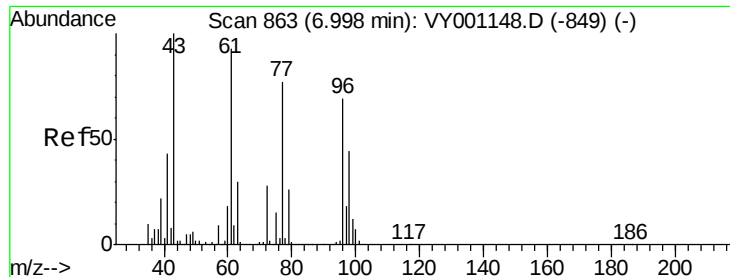
Tgt Ion: 77 Resp: 68592

Ion Ratio Lower Upper

77 100

97 22.7 11.9 35.7



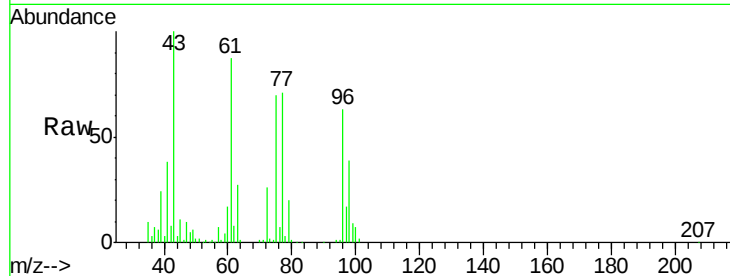


#27

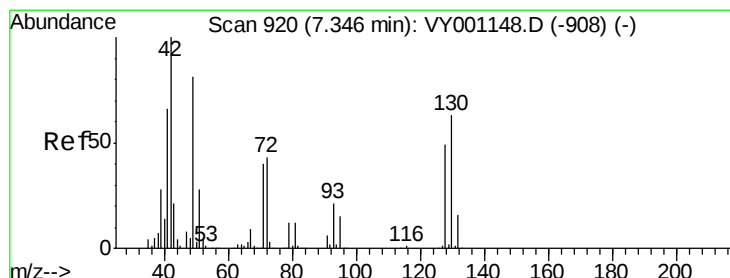
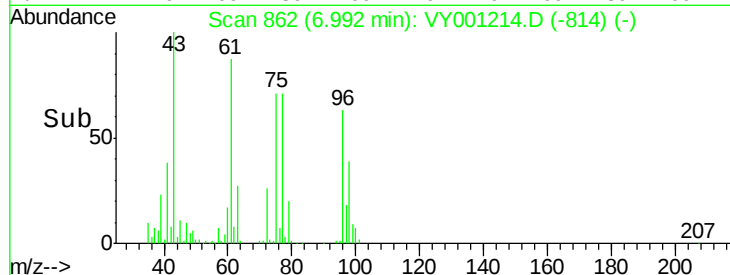
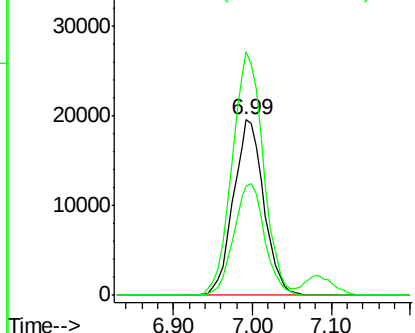
cis-1,2-Dichloroethene
 Concen: 23.474 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

Tgt Ion: 96 Resp: 52484
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 284.0
 98 64.4 0.0 130.2



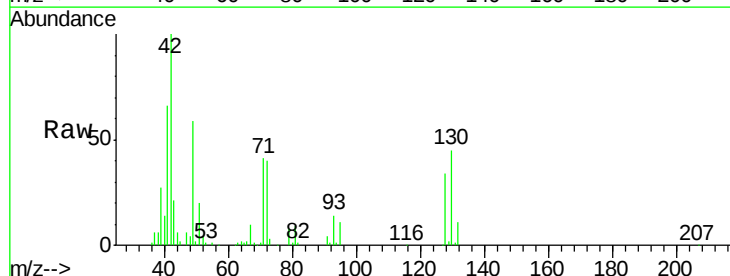
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



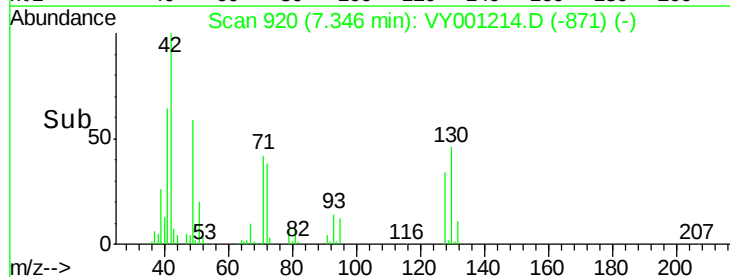
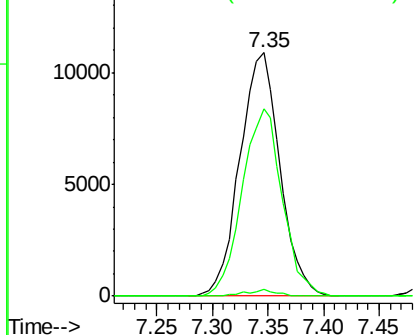
#28

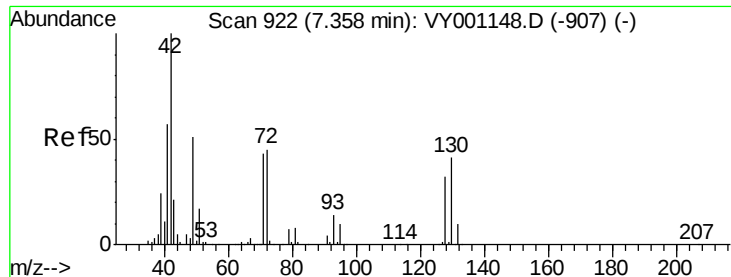
Bromochloromethane
 Concen: 19.519 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

Tgt Ion: 49 Resp: 27221
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.4
 130 76.8 61.2 91.8



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

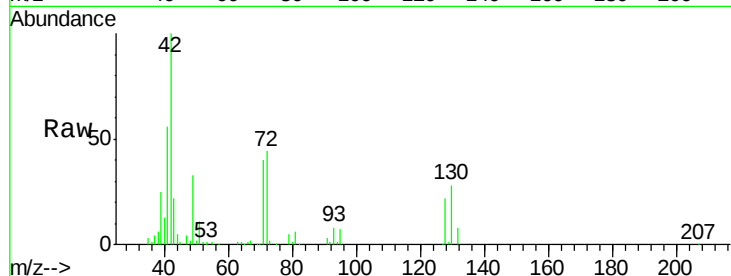




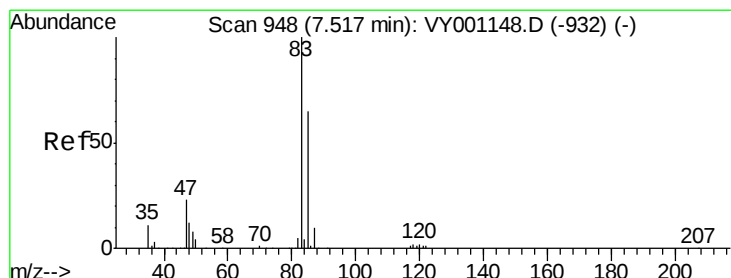
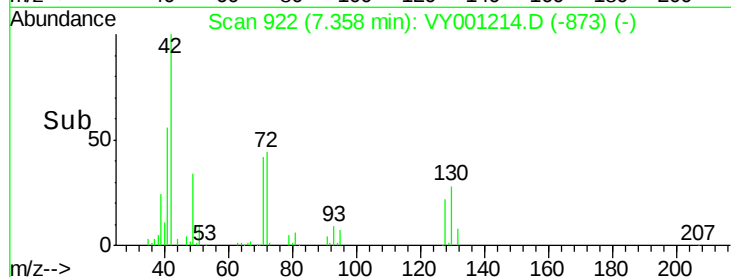
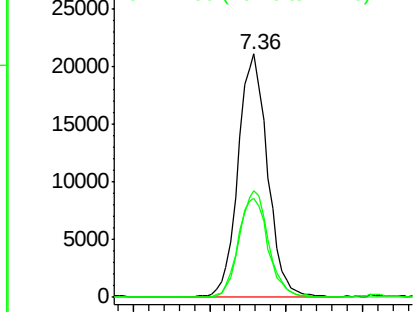
#29
Tetrahydrofuran
Concen: 123.050 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBSD01

Tgt Ion: 42 Resp: 56668
Ion Ratio Lower Upper
42 100
72 43.7 36.9 55.3
71 40.7 34.0 51.0

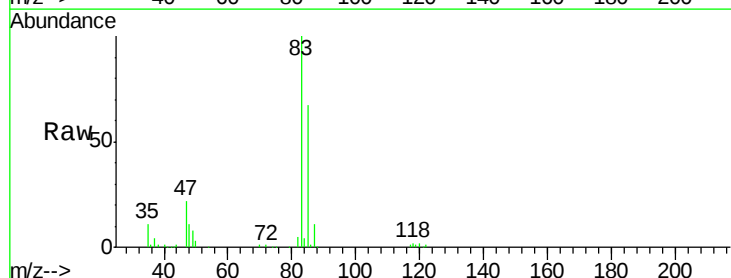


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

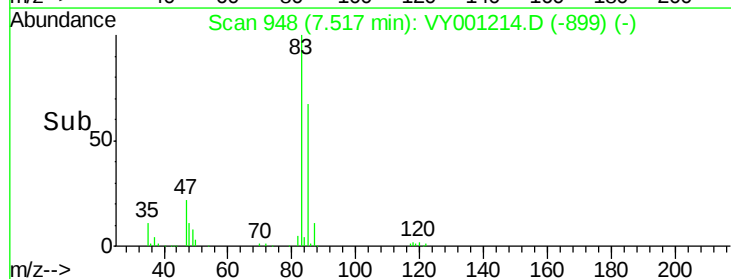
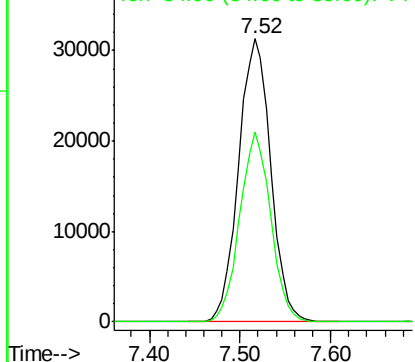


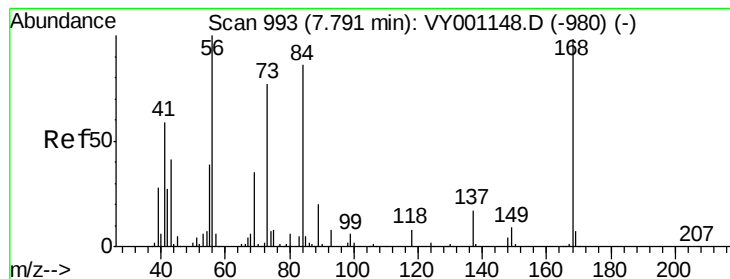
#30
Chloroform
Concen: 23.097 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Tgt Ion: 83 Resp: 76858
Ion Ratio Lower Upper
83 100
85 67.1 51.9 77.9



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





#31

Cyclohexane

Concen: 21.587 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

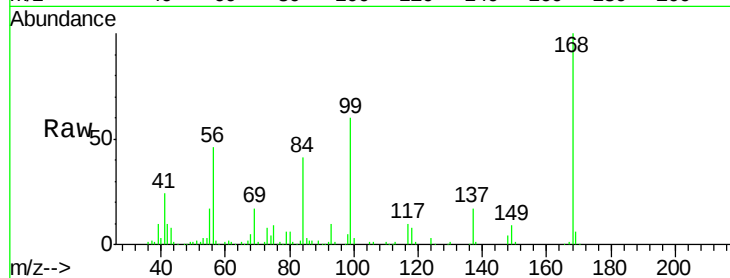
Tgt Ion: 56 Resp: 77622

Ion Ratio Lower Upper

56 100

69 35.9 27.8 41.8

84 87.7 68.9 103.3

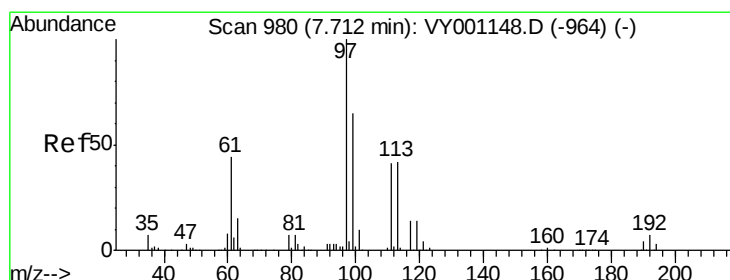
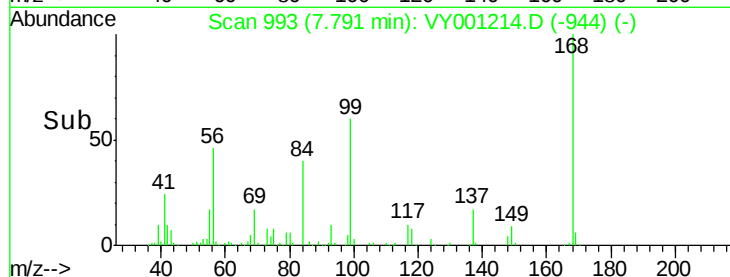
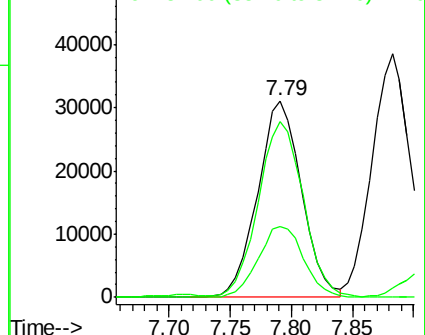


Abundance

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: 21.838 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

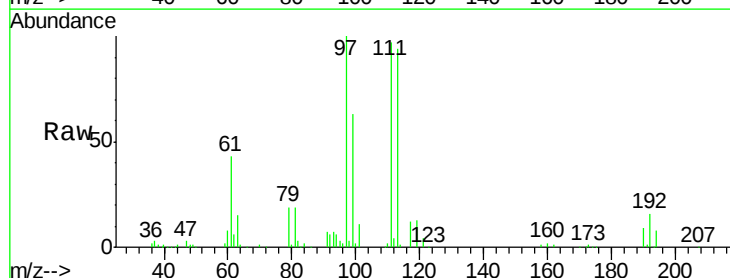
Tgt Ion: 97 Resp: 64476

Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

61 43.8 34.6 52.0

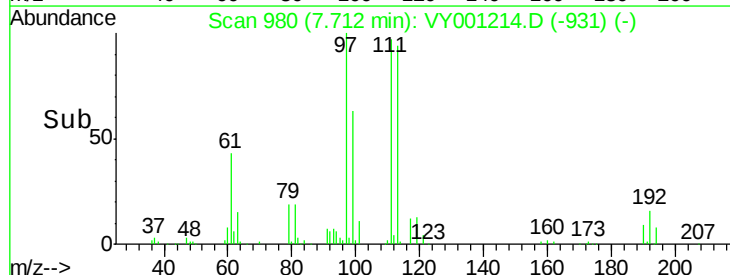
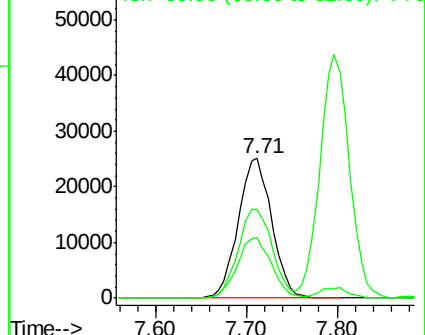


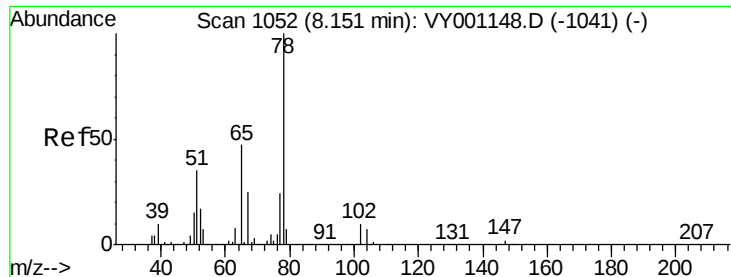
Abundance

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: 50.954 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

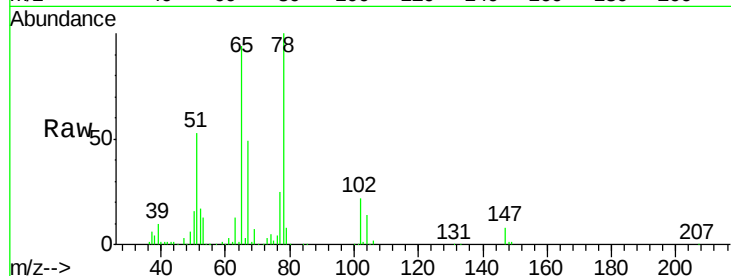
VY0115SBS01

Tgt Ion: 65 Resp: 94734

Ion Ratio Lower Upper

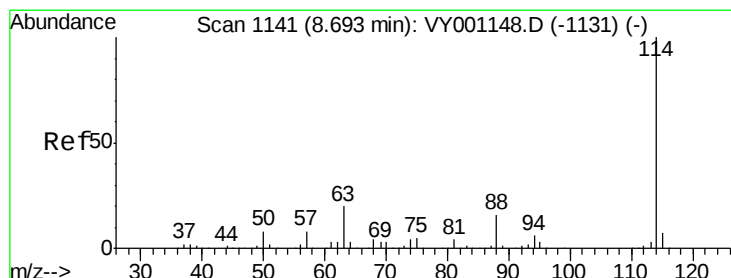
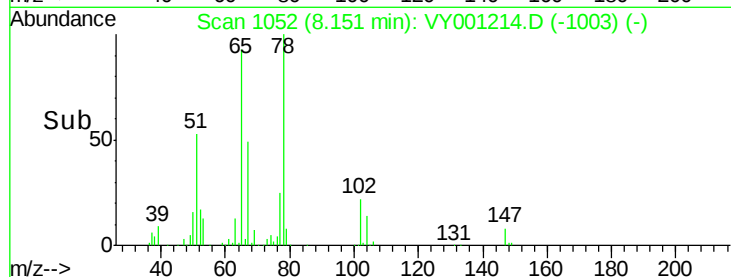
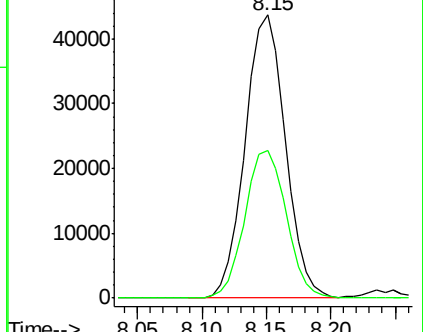
65 100

67 53.7 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

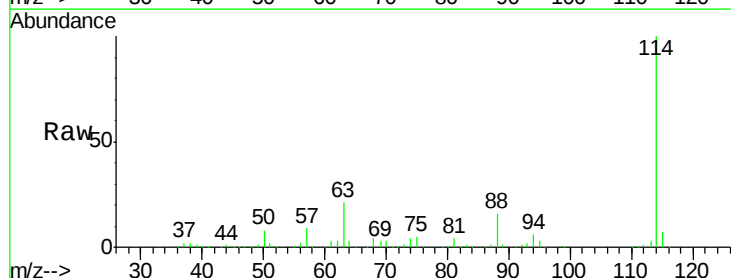
Tgt Ion: 114 Resp: 308823

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

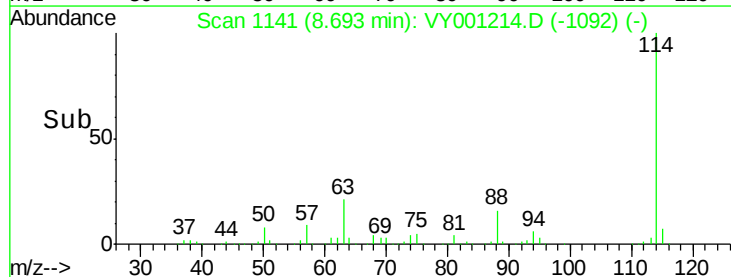
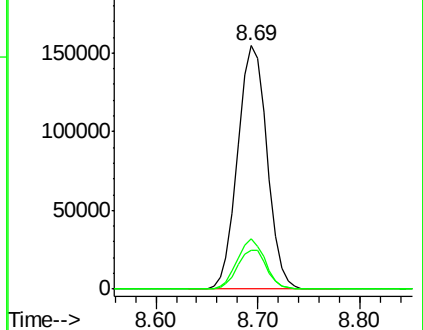
88 15.9 0.0 32.4

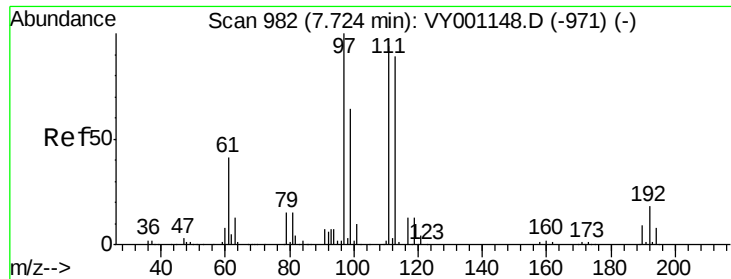


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

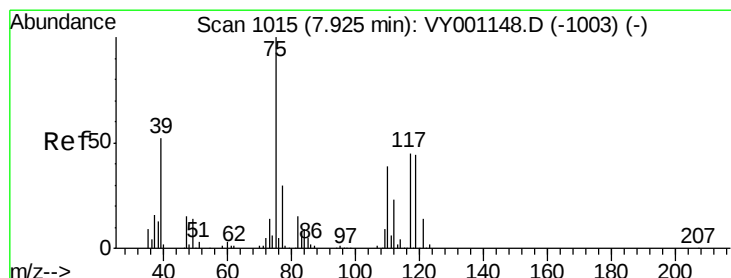
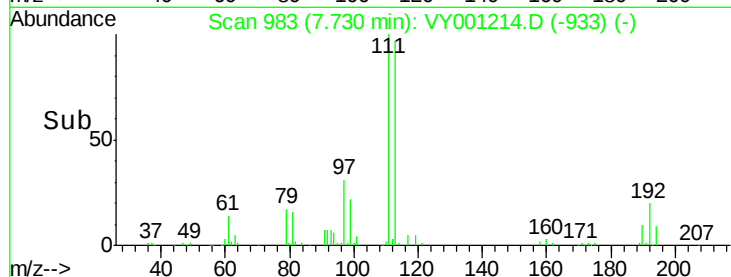
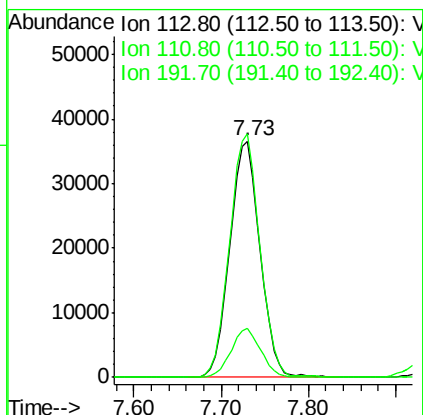
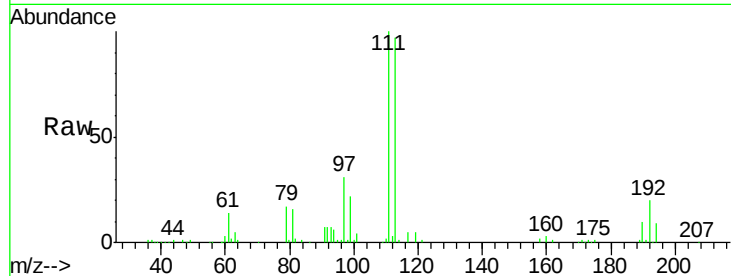




#35
 Dibromofluoromethane
 Concen: 48.550 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

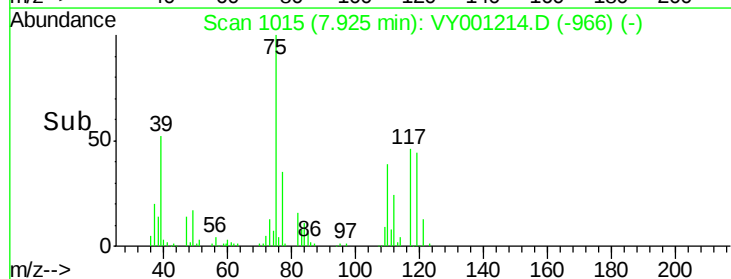
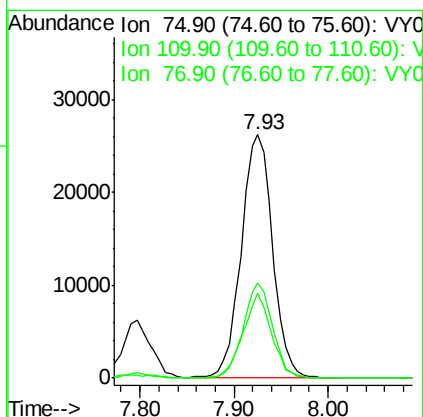
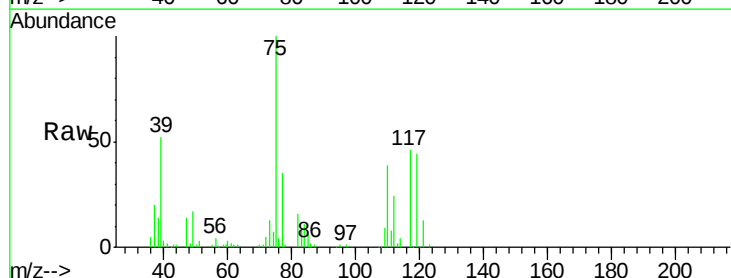
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

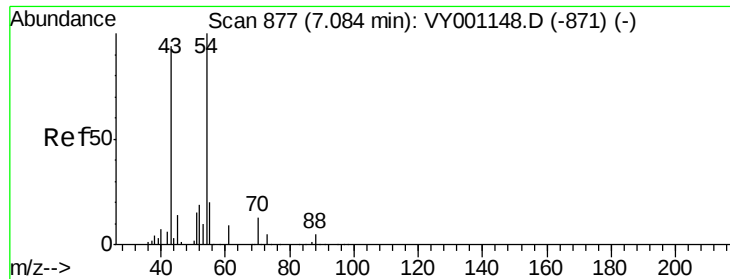
Tgt Ion:113 Resp: 87786
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 20.2 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 21.744 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

Tgt Ion: 75 Resp: 61204
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.3 54.8
 77 31.7 25.1 37.7

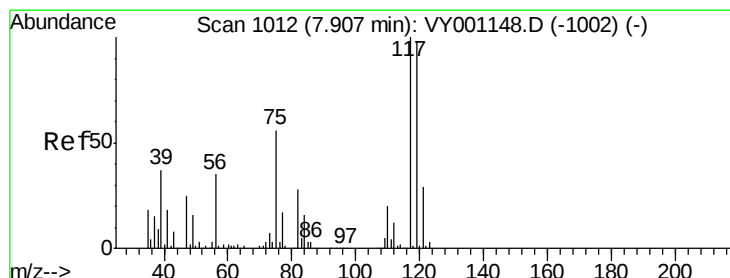
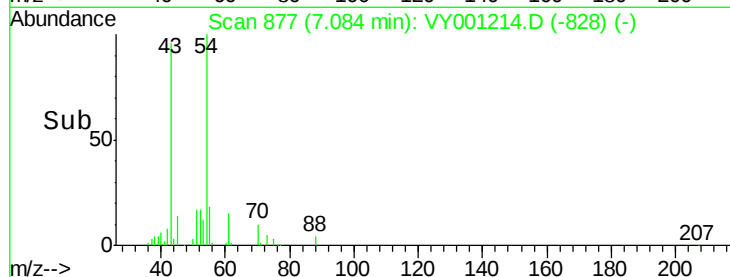
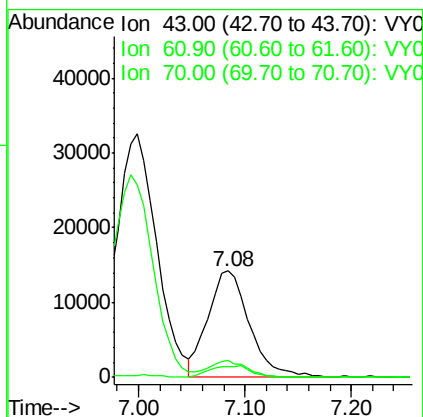
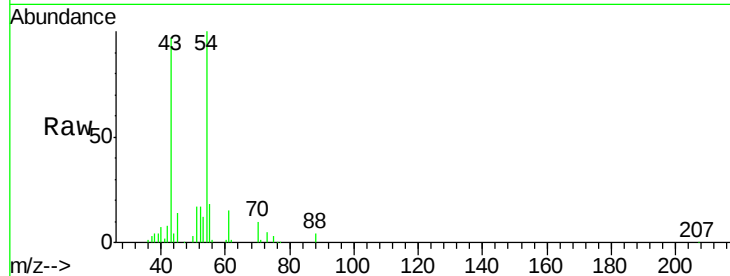




#37
Ethyl Acetate
Concen: 22.936 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

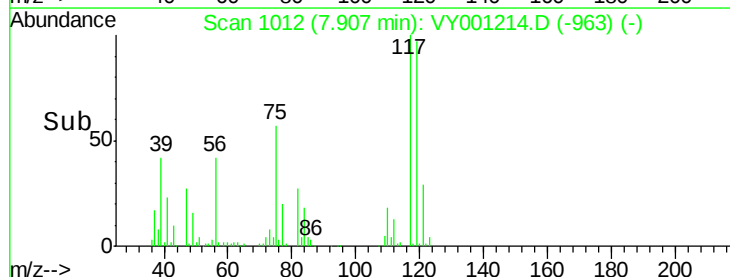
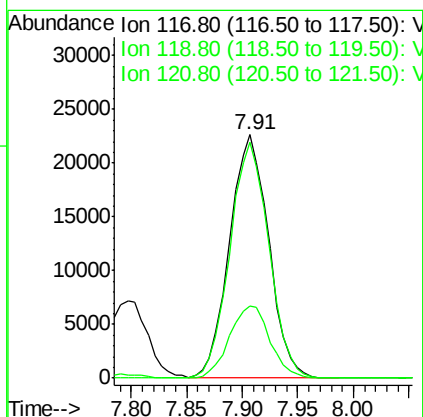
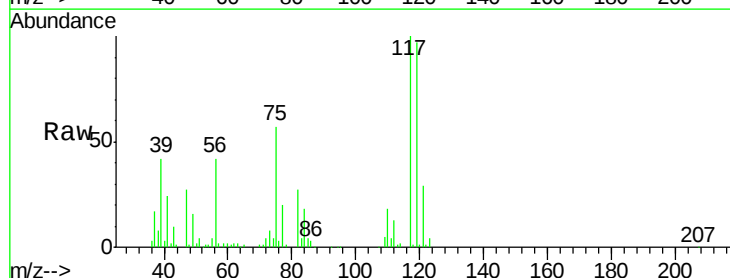
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

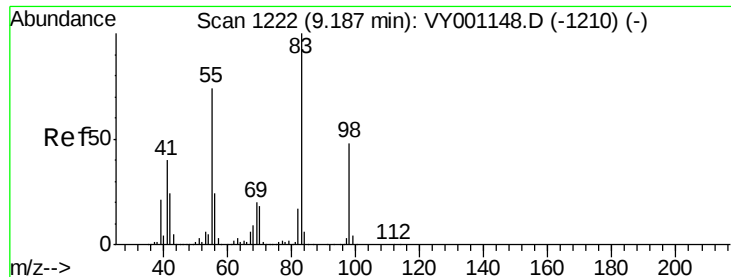
Tgt Ion: 43 Resp: 37888
Ion Ratio Lower Upper
43 100
61 14.4 11.1 16.7
70 11.5 9.7 14.5



#38
Carbon Tetrachloride
Concen: 21.420 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Tgt Ion: 117 Resp: 55255
Ion Ratio Lower Upper
117 100
119 96.9 78.3 117.5
121 29.4 23.5 35.3

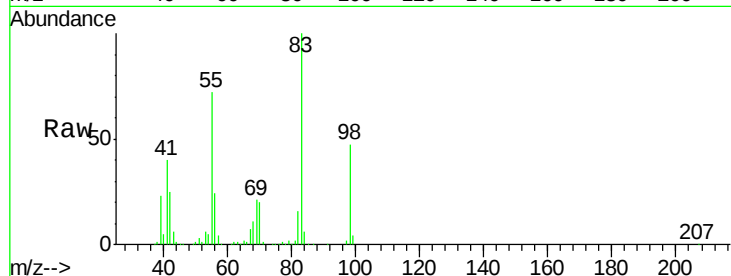




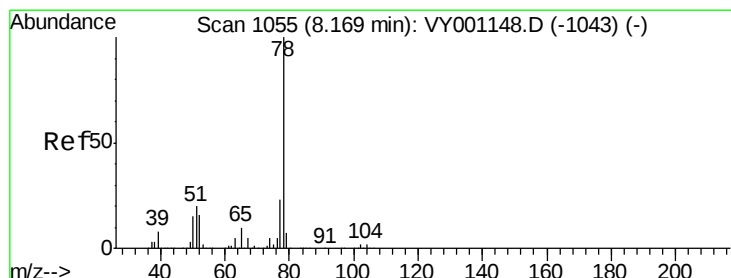
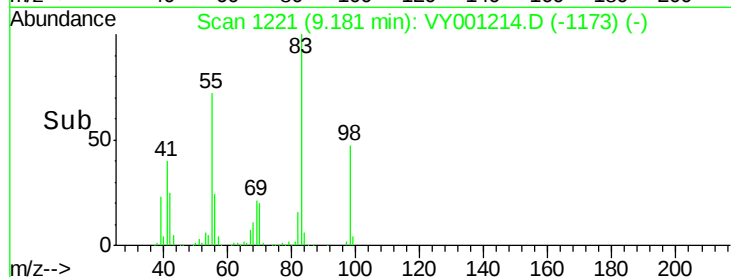
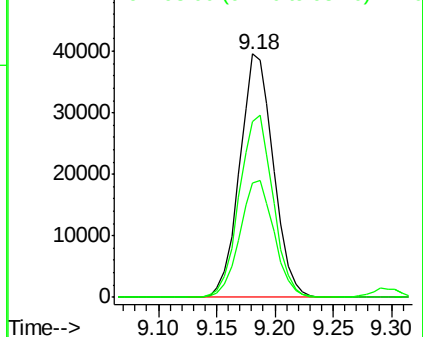
#39
Methylcyclohexane
Concen: 20.855 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tgt Ion: 83 Resp: 79582
Ion Ratio Lower Upper
83 100
55 72.1 58.9 88.3
98 46.9 38.4 57.6

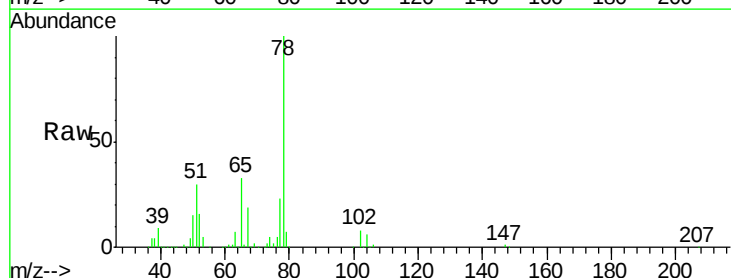


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

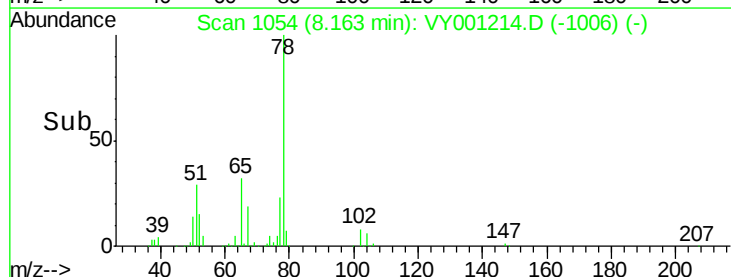
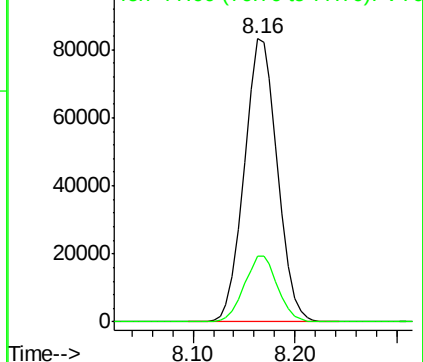


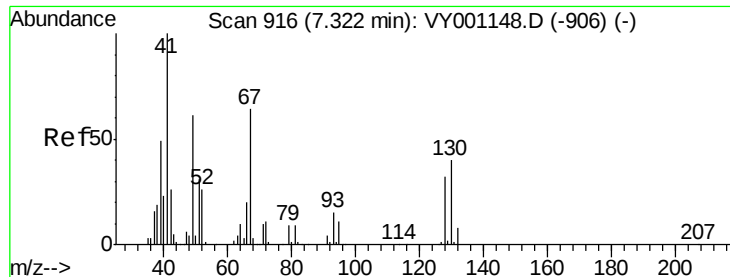
#40
Benzene
Concen: 22.794 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Tgt Ion: 78 Resp: 187282
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

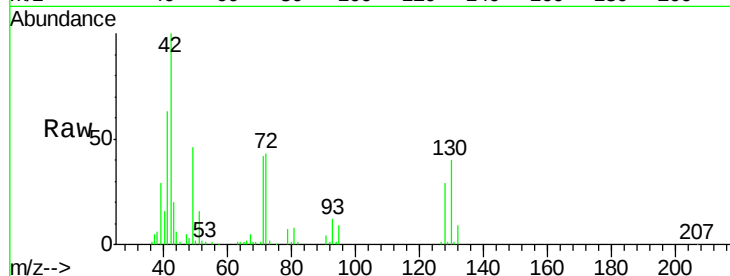




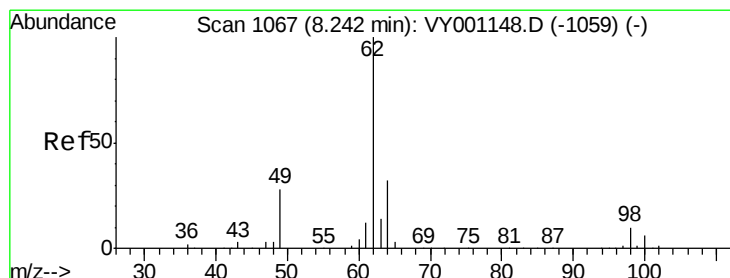
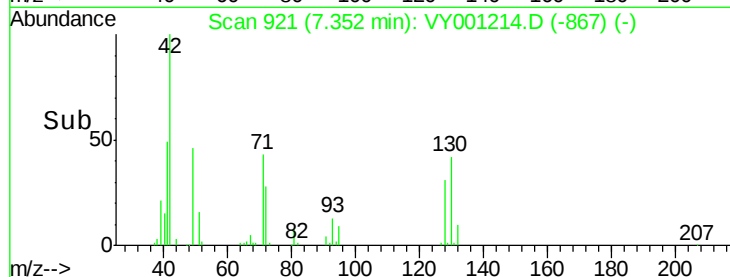
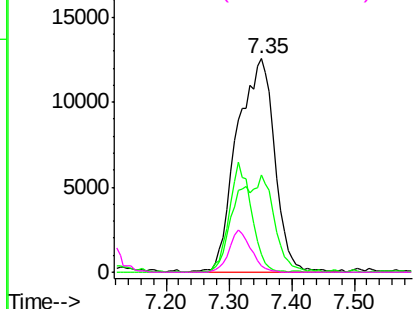
#41
Methacrylonitrile
Concen: 67.433 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.03 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tgt Ion: 41 Resp: 52325
Ion Ratio Lower Upper
41 100
39 0.0 103.5 155.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

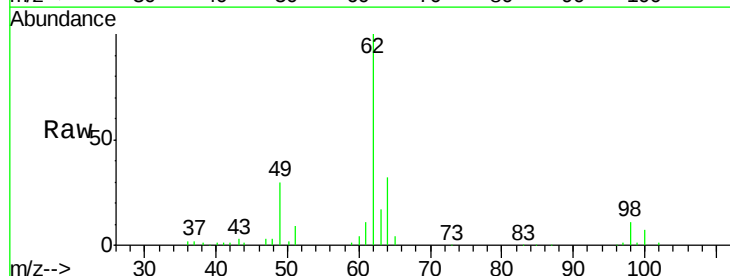


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

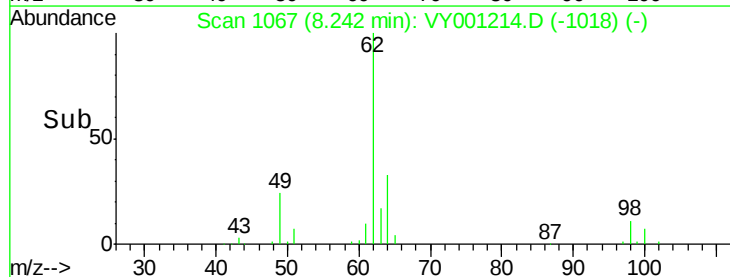
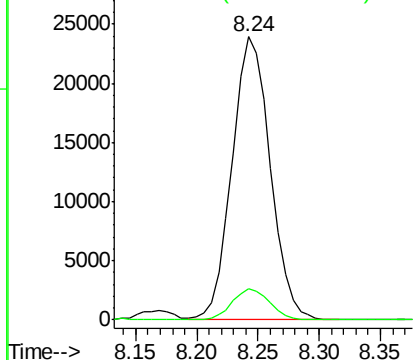


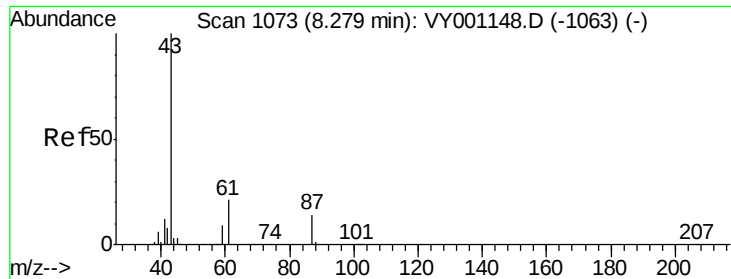
#42
1,2-Dichloroethane
Concen: 22.571 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Tgt Ion: 62 Resp: 51929
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.4



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

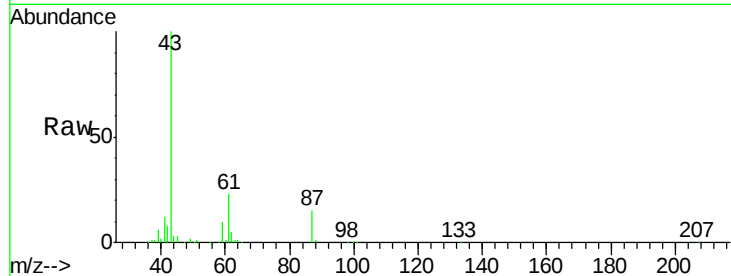




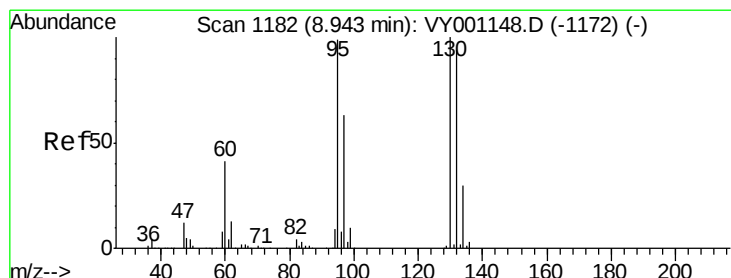
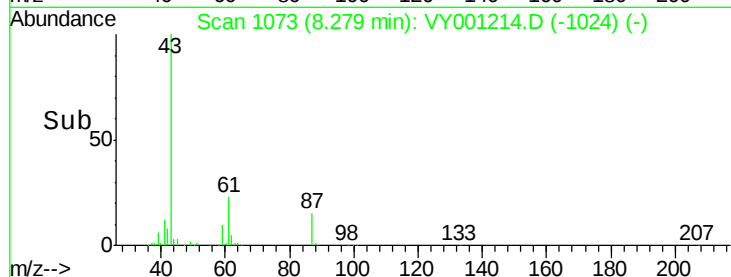
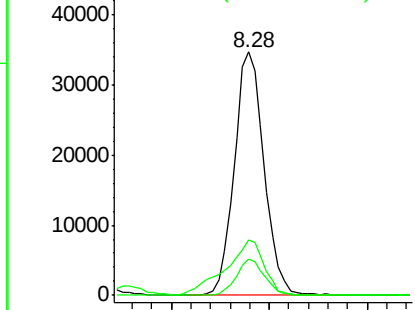
#43
Isopropyl Acetate
Concen: 23.186 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tgt Ion: 43 Resp: 73239
Ion Ratio Lower Upper
43 100
61 29.4 23.9 35.9
87 14.0 11.4 17.2

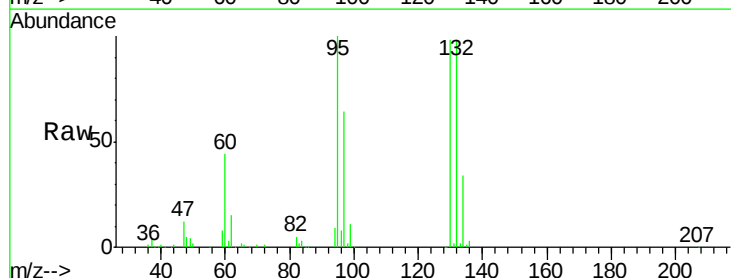


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

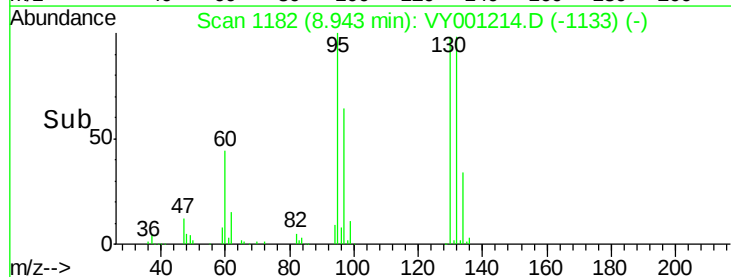
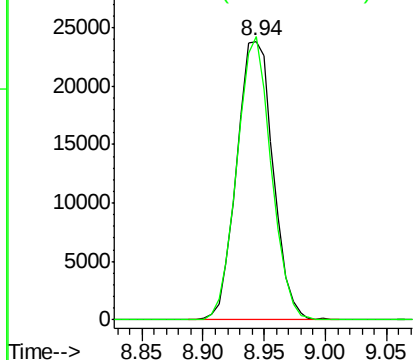


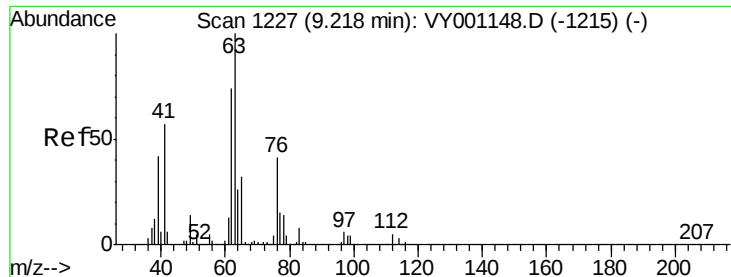
#44
Trichloroethene
Concen: 22.990 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Tgt Ion: 130 Resp: 49221
Ion Ratio Lower Upper
130 100
95 101.6 0.0 197.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

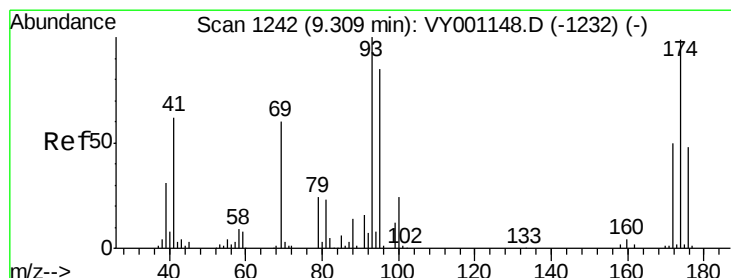
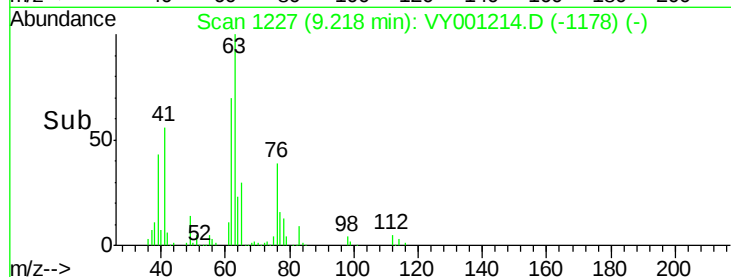
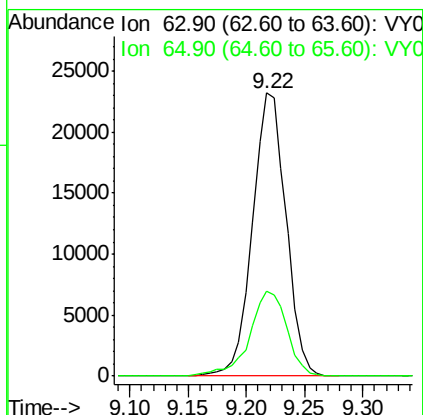
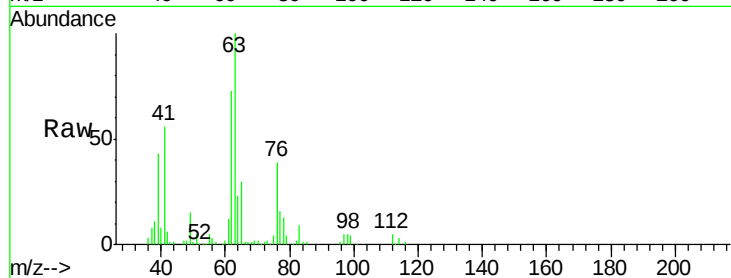




#45
 1,2-Dichloropropane
 Concen: 22.933 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

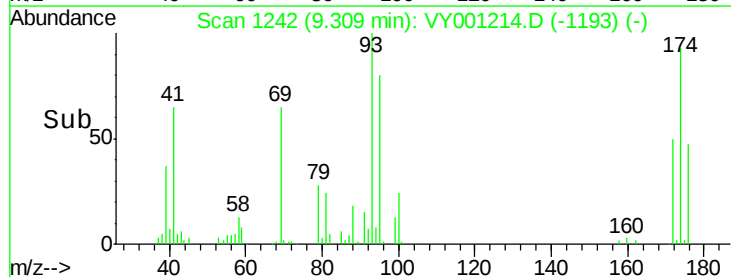
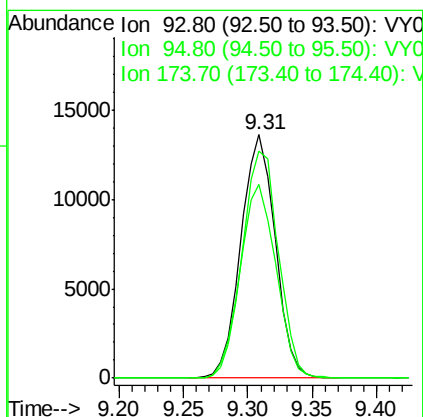
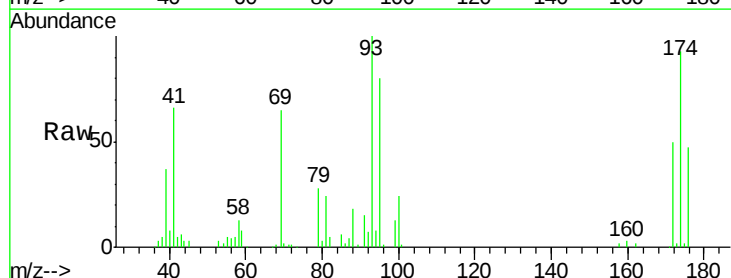
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

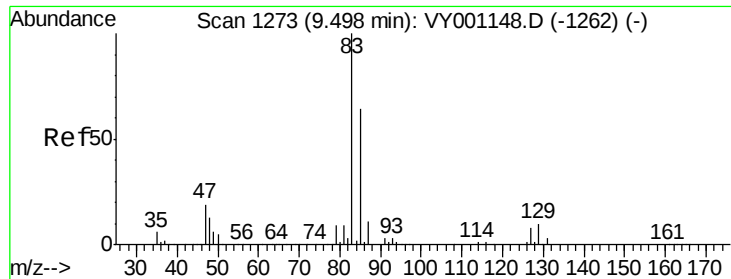
Tgt Ion: 63 Resp: 46583
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.8 38.8



#46
 Dibromomethane
 Concen: 22.713 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

Tgt Ion: 93 Resp: 25173
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.8 100.2
 174 98.1 78.4 117.6





#47

Bromodichloromethane

Concen: 22.383 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

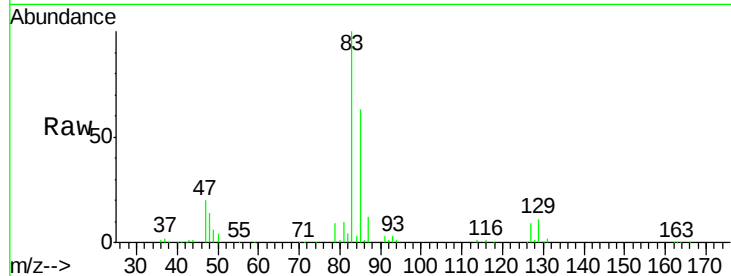
Tgt Ion: 83 Resp: 60457

Ion Ratio Lower Upper

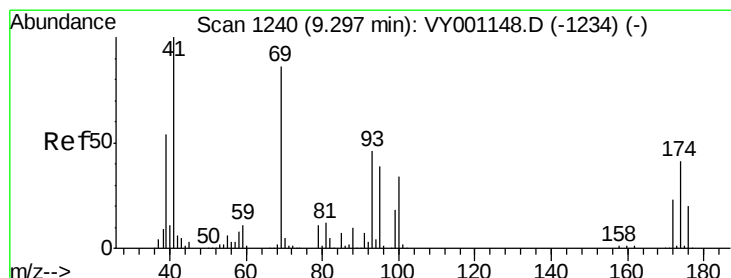
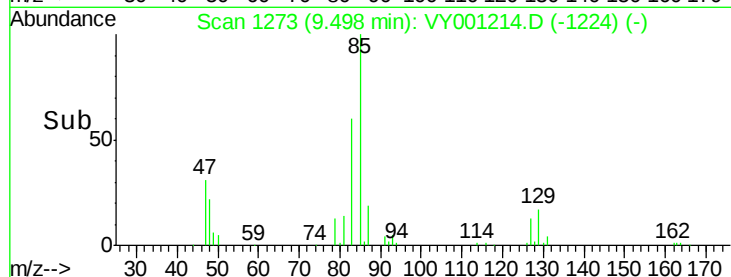
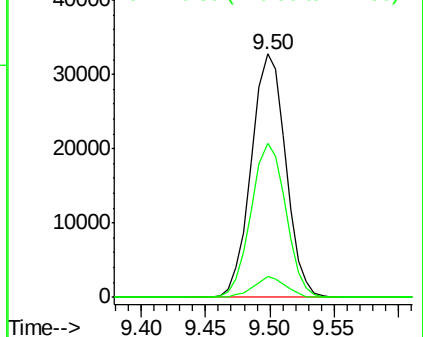
83 100

85 63.4 51.5 77.3

127 8.5 6.3 9.5



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: 22.715 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

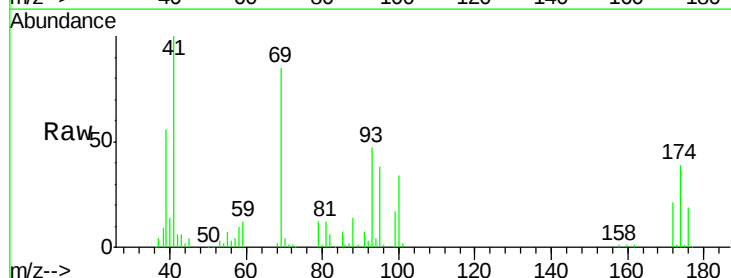
Tgt Ion: 41 Resp: 33203

Ion Ratio Lower Upper

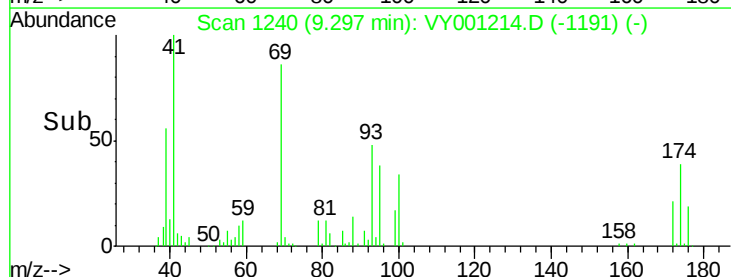
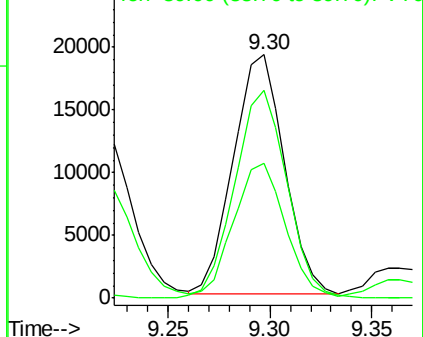
41 100

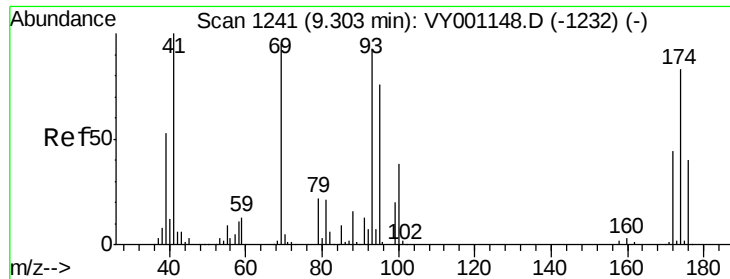
69 88.8 69.8 104.8

39 57.5 45.2 67.8



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

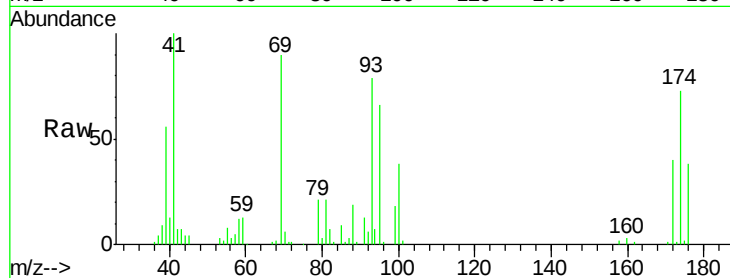




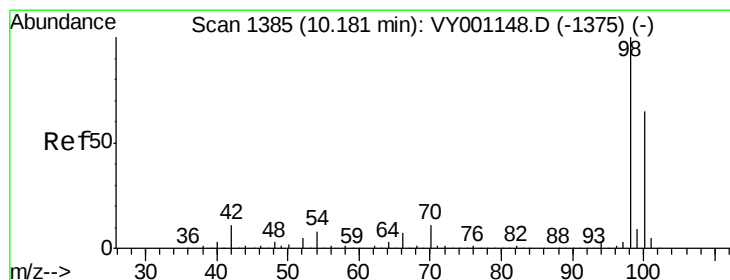
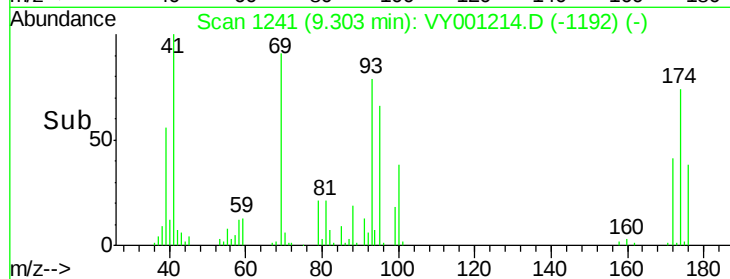
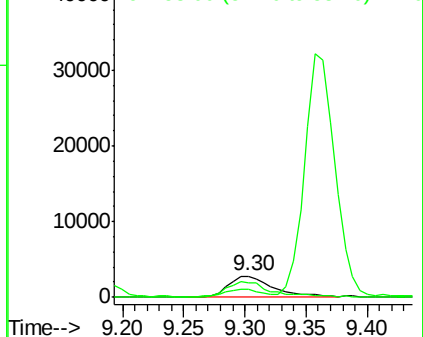
#49
 1,4-Dioxane
 Concen: 533.897 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

Tgt Ion: 88 Resp: 7206
 Ion Ratio Lower Upper
 88 100
 43 33.6 22.4 33.6
 58 74.5 58.0 87.0

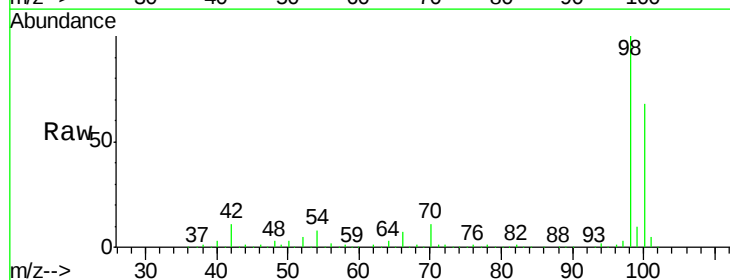


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

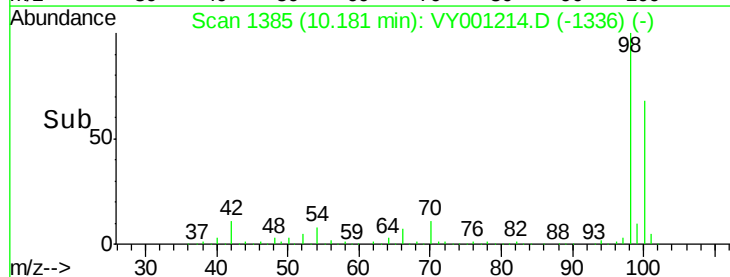
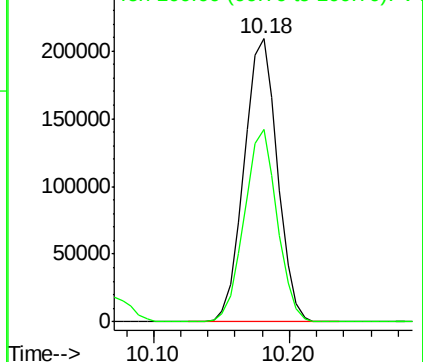


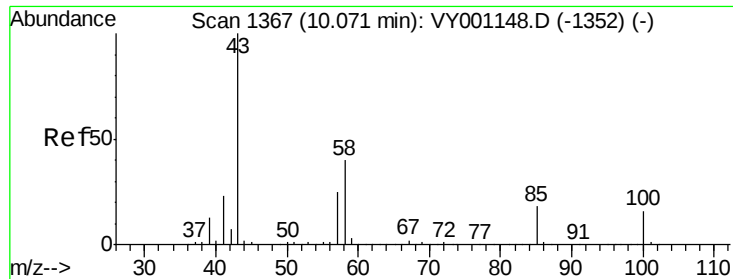
#50
 Toluene-d8
 Concen: 51.545 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

Tgt Ion: 98 Resp: 359121
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.1 79.7



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





#51

4-Methyl-2-Pentanone

Concen: 115.505 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

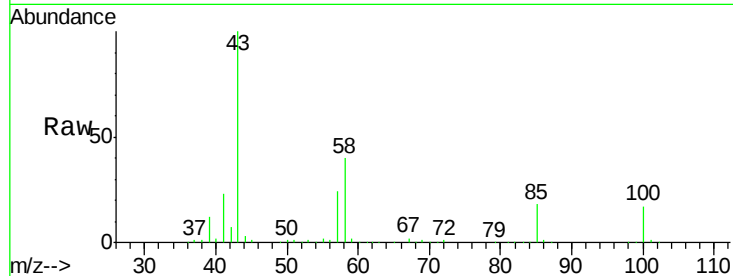
VY0115SBSD01

Tgt Ion: 43 Resp: 185130

Ion Ratio Lower Upper

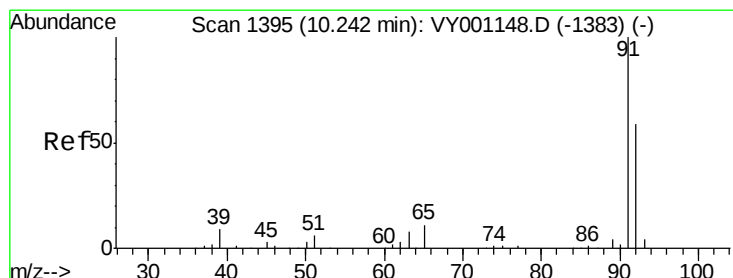
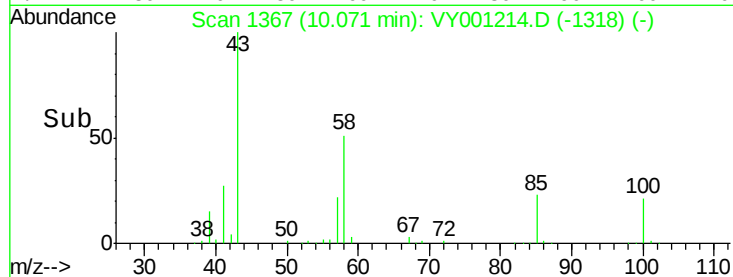
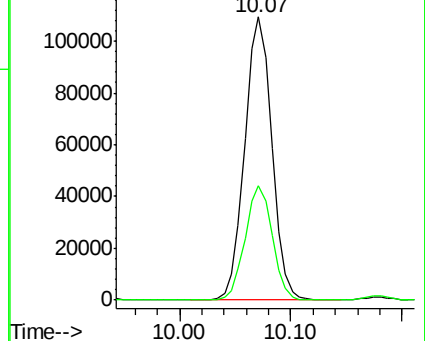
43 100

58 40.4 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 22.204 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY001214.D

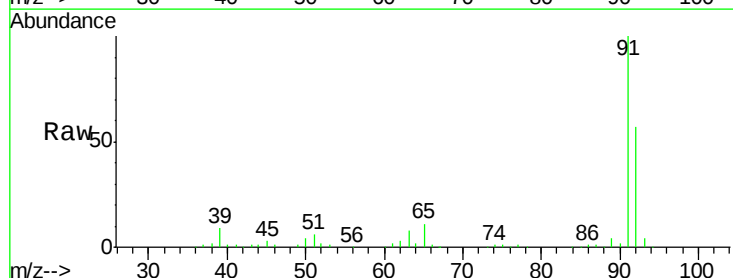
Acq: 15 Jan 2020 13:48

Tgt Ion: 92 Resp: 116361

Ion Ratio Lower Upper

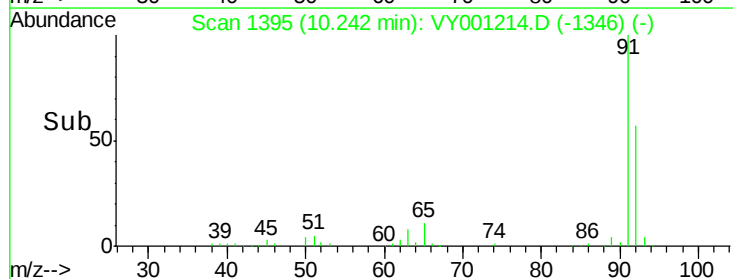
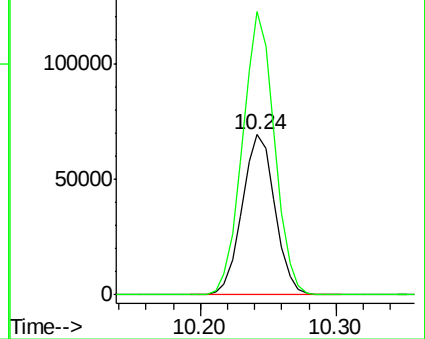
92 100

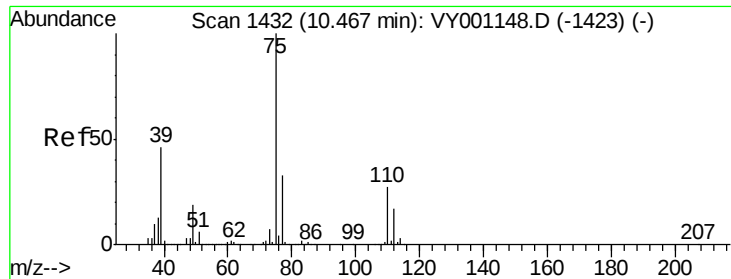
91 172.2 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 22.212 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

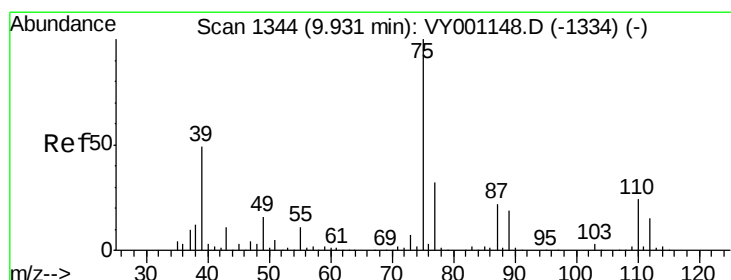
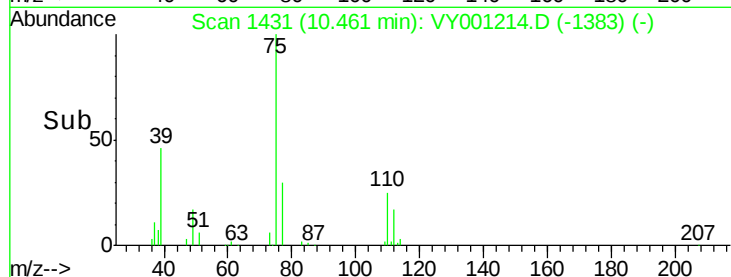
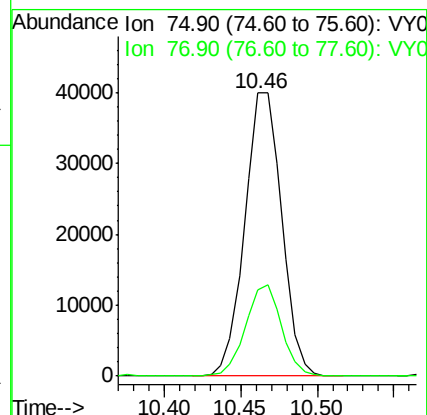
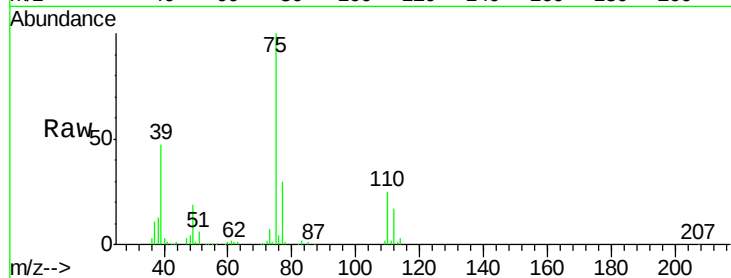
VY0115SBS01

Tgt Ion: 75 Resp: 67133

Ion Ratio Lower Upper

75 100

77 30.5 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 22.468 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

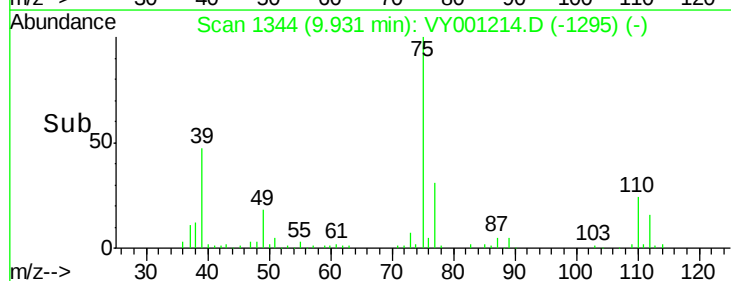
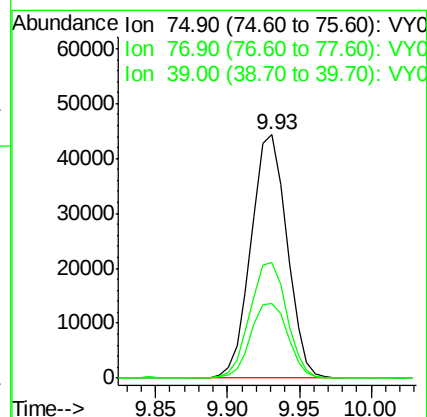
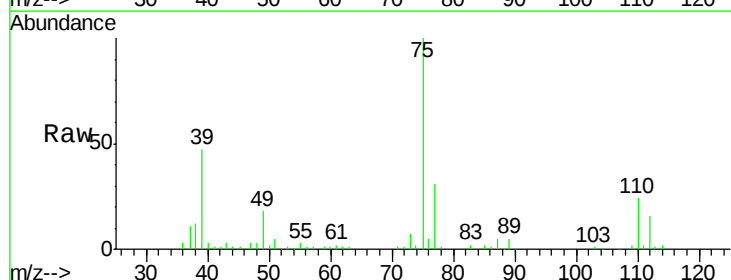
Tgt Ion: 75 Resp: 76563

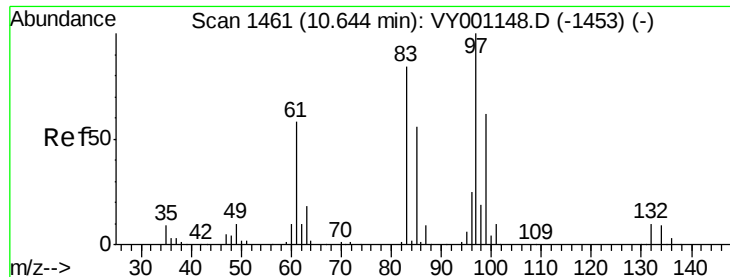
Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

39 47.2 39.1 58.7

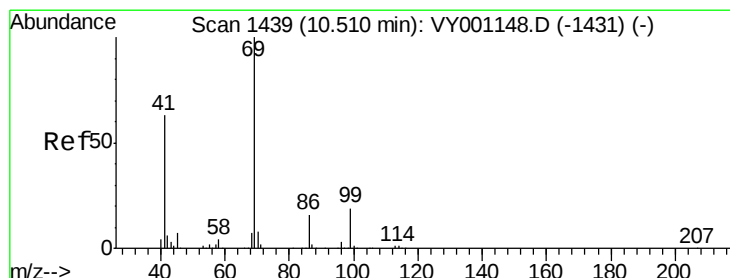
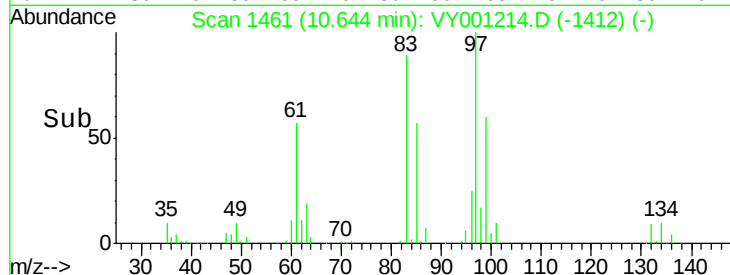
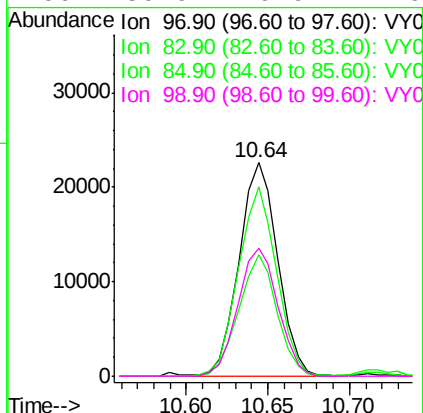
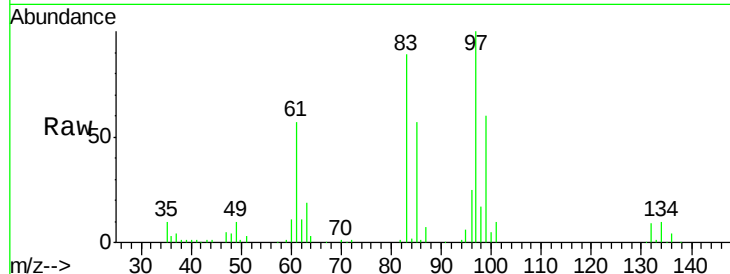




#55
 1,1,2-Trichloroethane
 Concen: 22.712 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

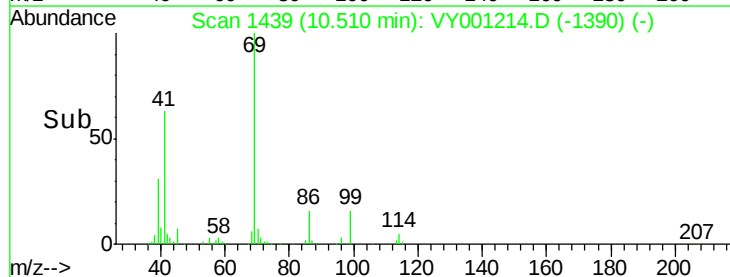
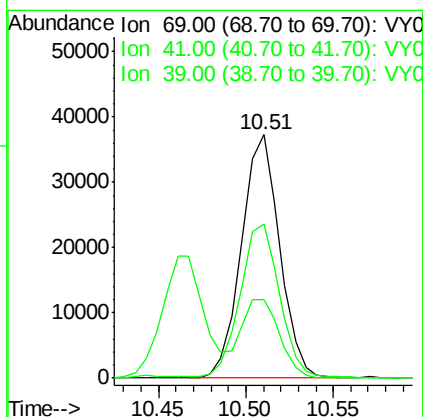
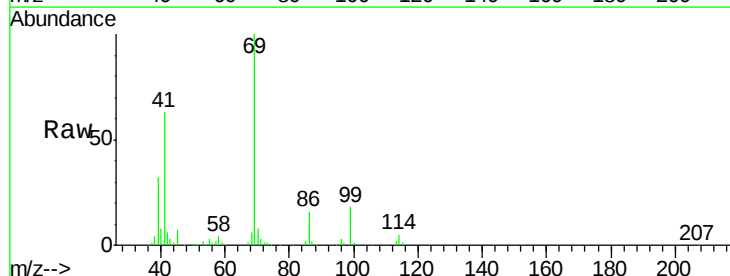
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

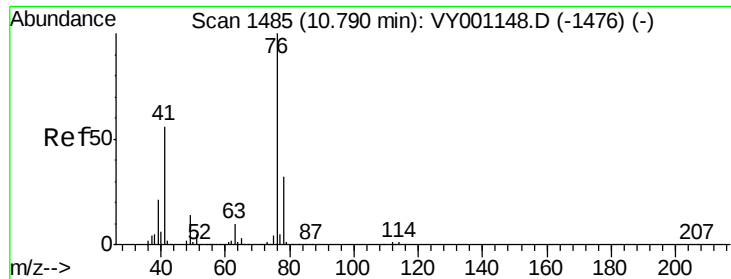
Tgt Ion: 97 Resp: 37316
 Ion Ratio Lower Upper
 97 100
 83 89.0 67.2 100.8
 85 57.0 44.9 67.3
 99 59.9 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 22.504 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

Tgt Ion: 69 Resp: 56560
 Ion Ratio Lower Upper
 69 100
 41 64.8 51.4 77.2
 39 33.3 26.3 39.5





#57

1,3-Dichloropropane

Concen: 22.866 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

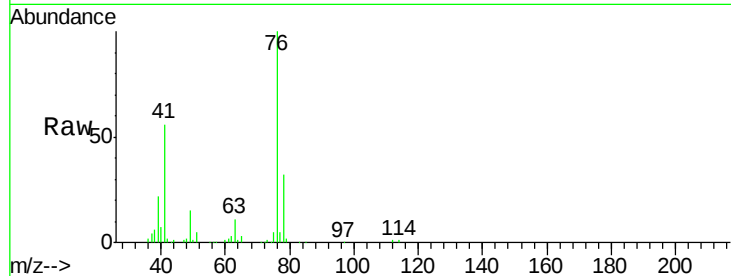
VY0115SBS01

Tgt Ion: 76 Resp: 64498

Ion Ratio Lower Upper

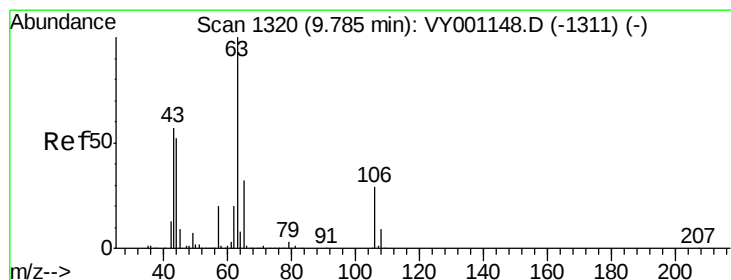
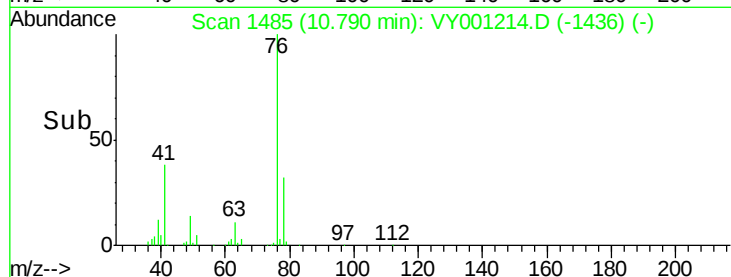
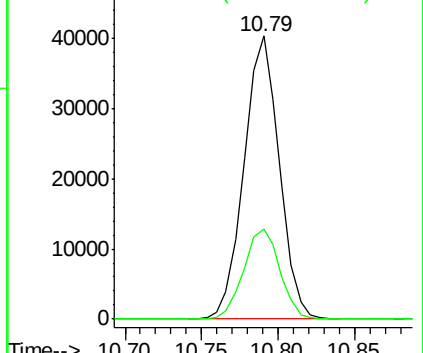
76 100

78 32.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 110.792 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY001214.D

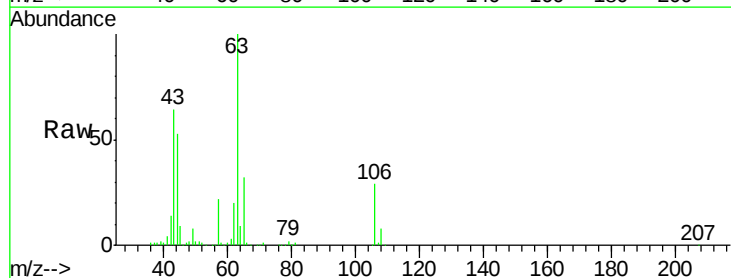
Acq: 15 Jan 2020 13:48

Tgt Ion: 63 Resp: 97935

Ion Ratio Lower Upper

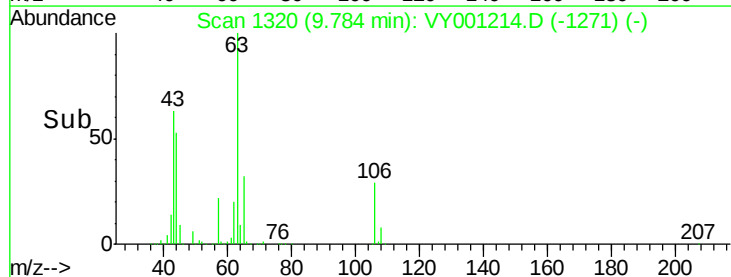
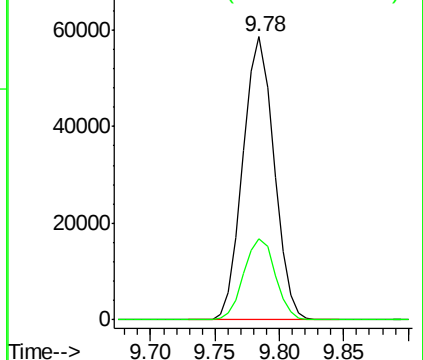
63 100

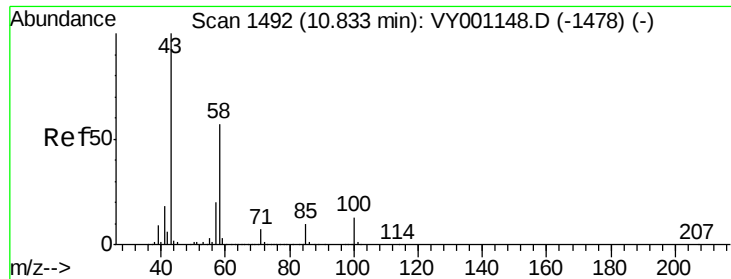
106 29.0 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

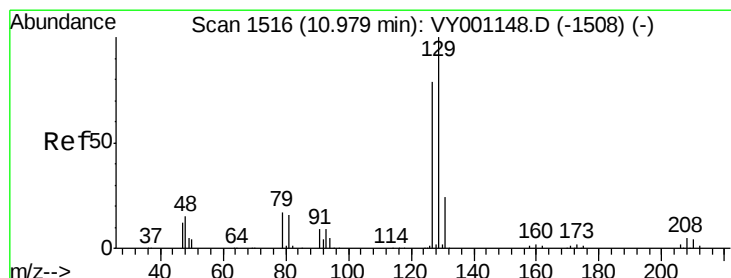
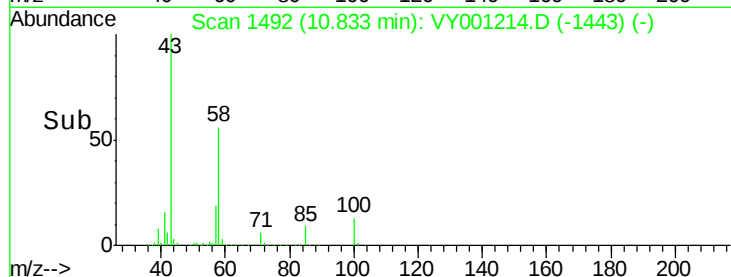
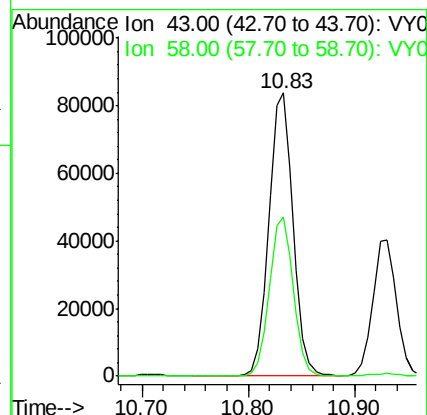
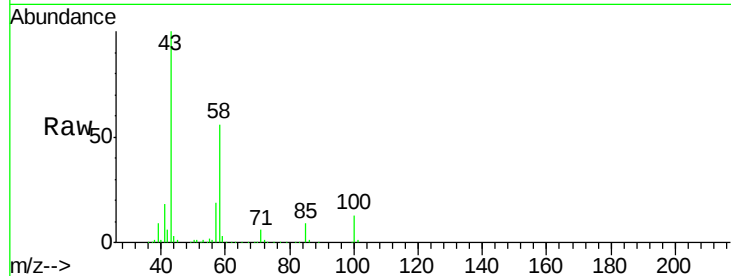




#59
2-Hexanone
Concen: 118.532 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

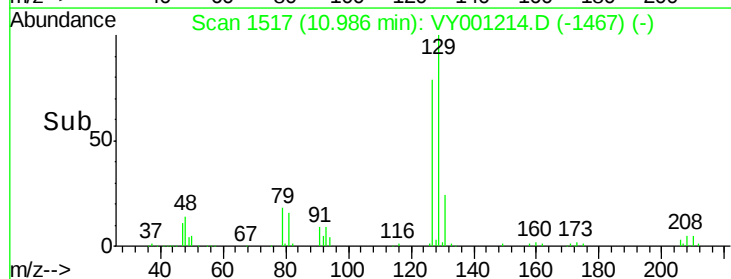
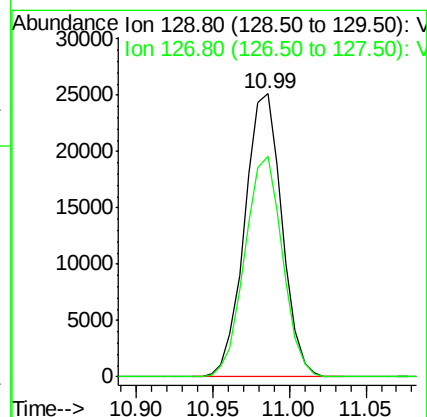
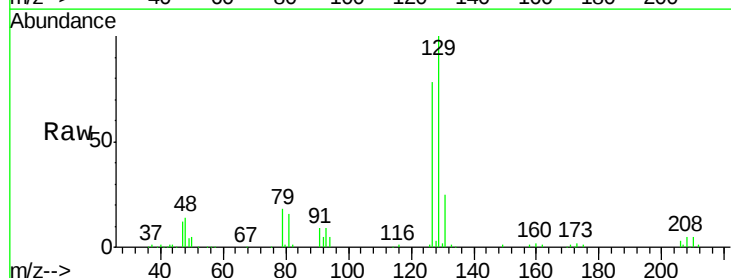
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

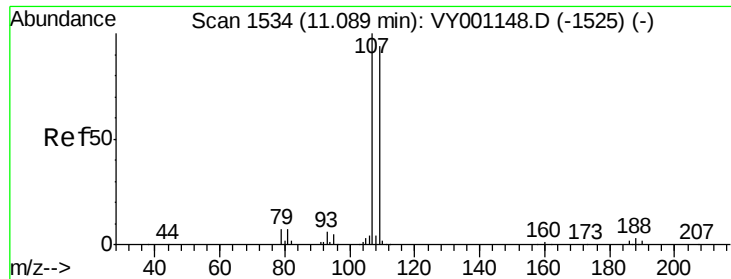
Tgt Ion: 43 Resp: 133145
Ion Ratio Lower Upper
43 100
58 55.5 28.4 85.2



#60
Dibromochloromethane
Concen: 22.499 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Tgt Ion: 129 Resp: 42563
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.7

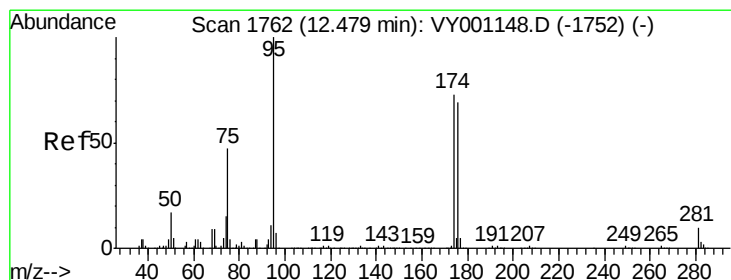
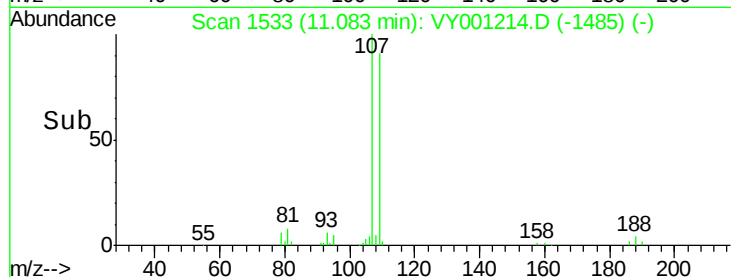
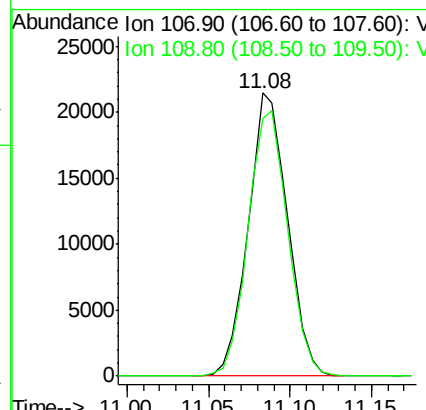
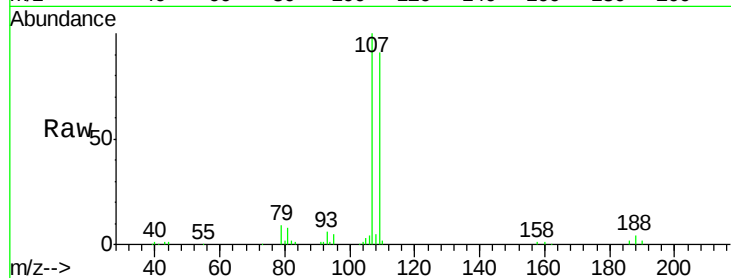




#61
 1,2-Dibromoethane
 Concen: 22.353 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

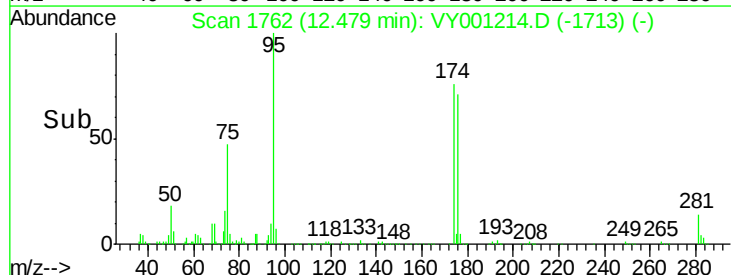
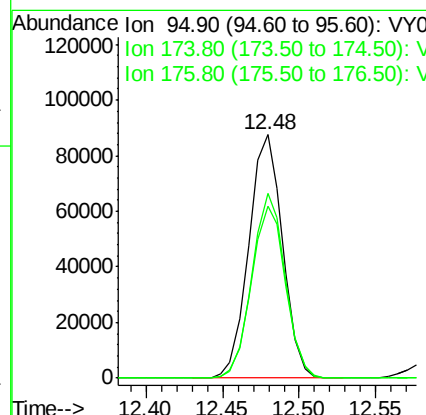
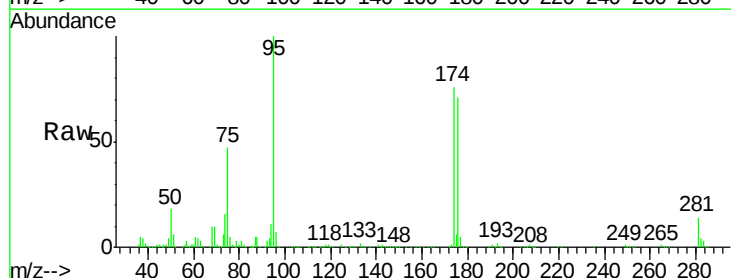
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

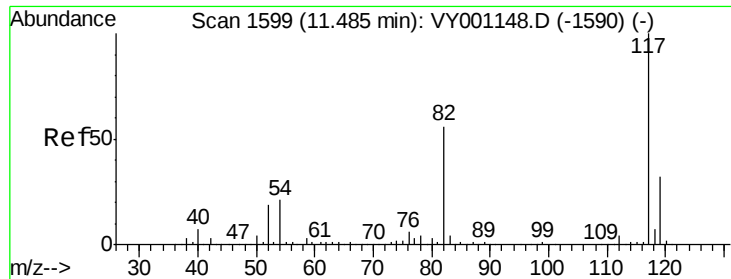
Tgt Ion: 107 Resp: 35861
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 47.024 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

Tgt Ion: 95 Resp: 133941
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 143.2
 176 71.7 0.0 136.0

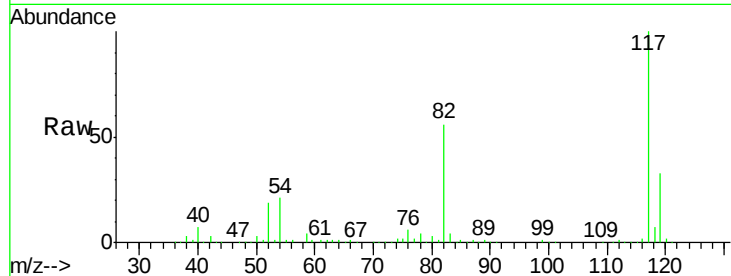




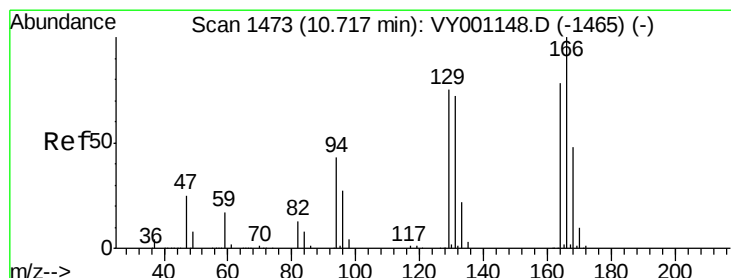
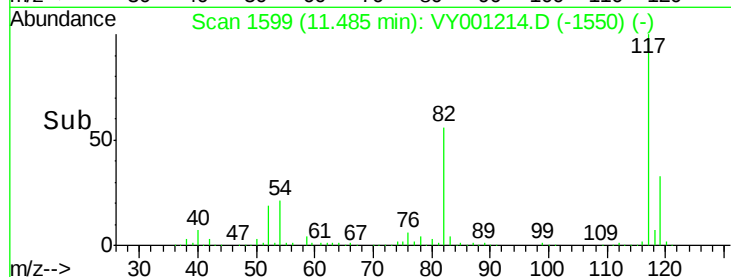
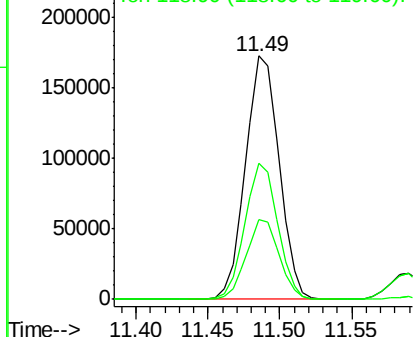
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tgt Ion:117 Resp: 278221
Ion Ratio Lower Upper
117 100
82 55.8 44.9 67.3
119 32.6 25.7 38.5

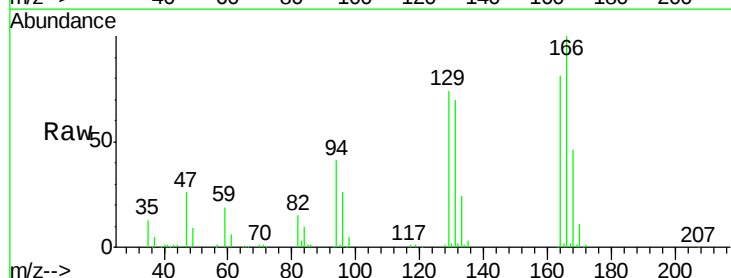


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

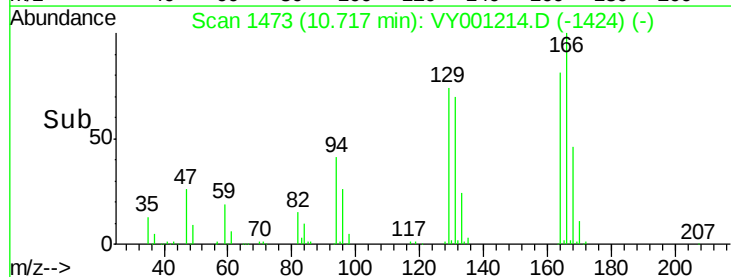
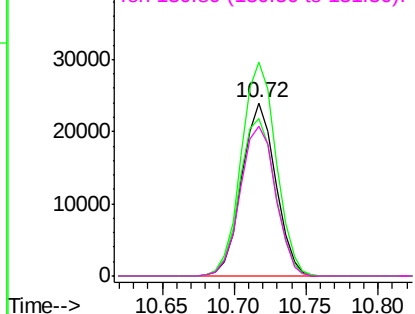


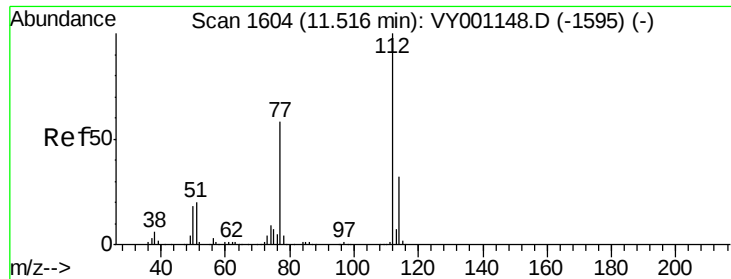
#64
Tetrachloroethene
Concen: 21.696 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Tgt Ion:164 Resp: 38911
Ion Ratio Lower Upper
164 100
166 123.4 102.3 153.5
129 91.1 76.2 114.4
131 86.9 73.9 110.9



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

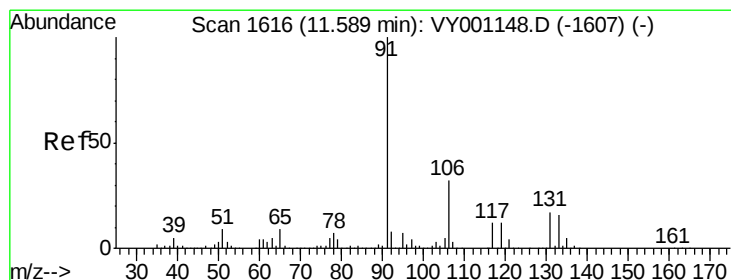
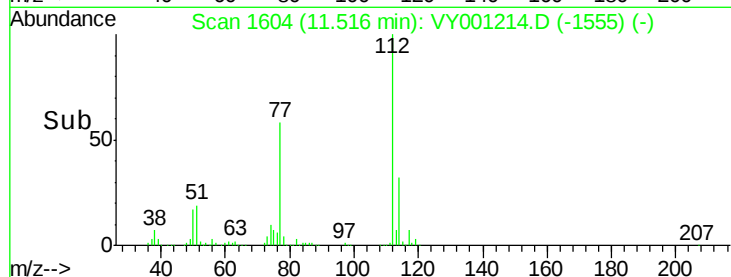
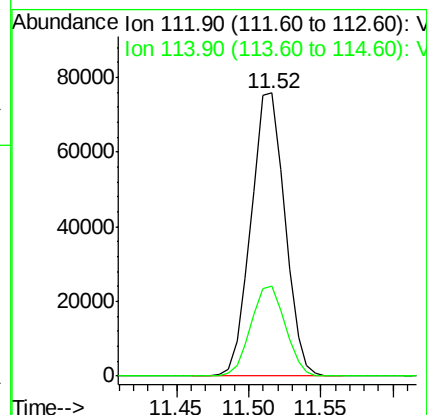
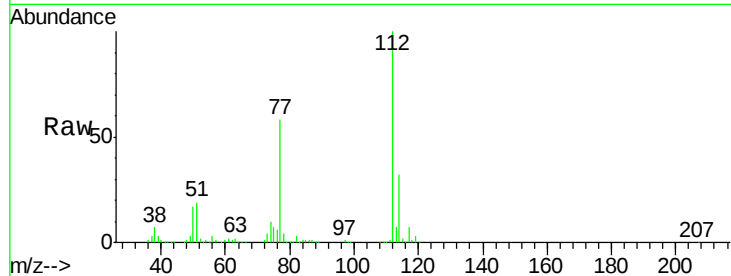




#65
Chlorobenzene
Concen: 22.177 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

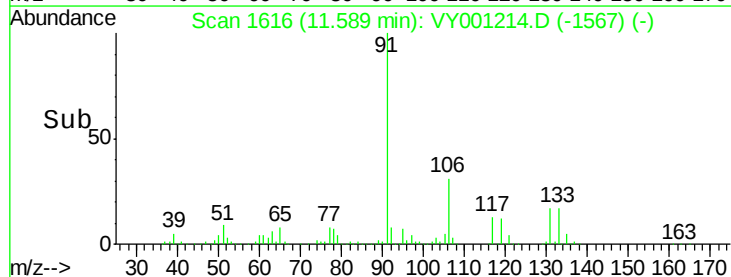
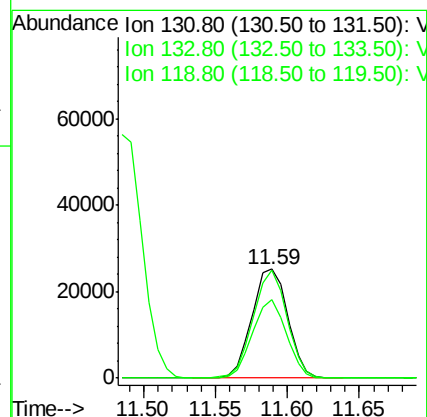
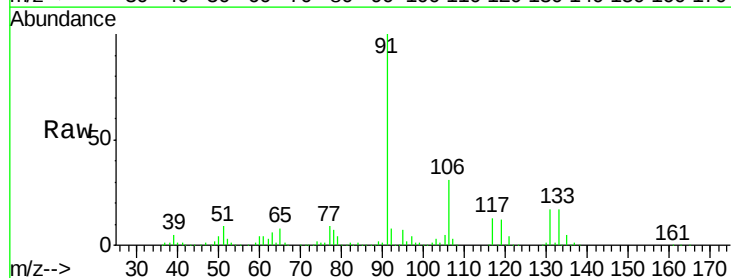
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

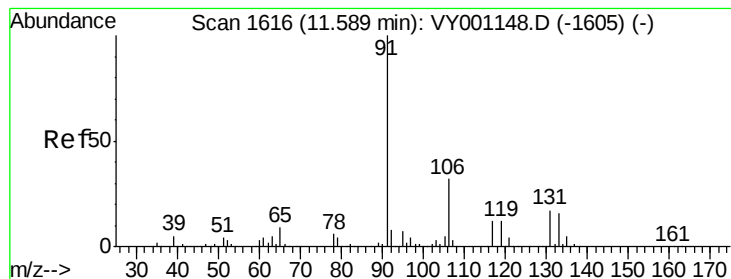
Tgt Ion:112 Resp: 123289
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 22.594 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Tgt Ion:131 Resp: 43292
Ion Ratio Lower Upper
131 100
133 93.5 47.3 142.0
119 68.8 33.6 100.8





#67

Ethyl Benzene

Concen: 22.178 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

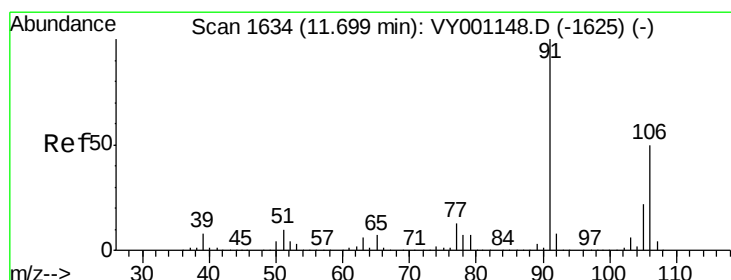
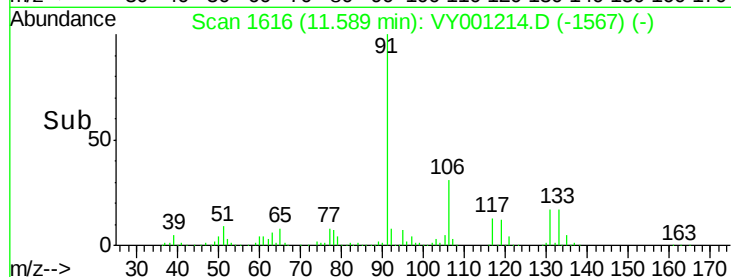
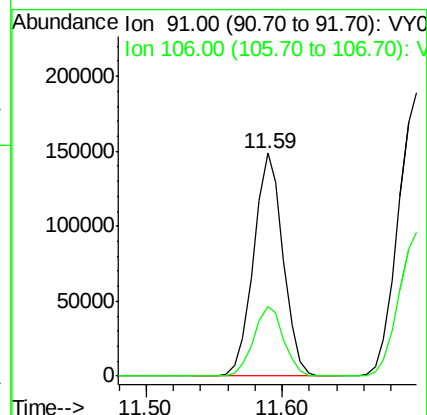
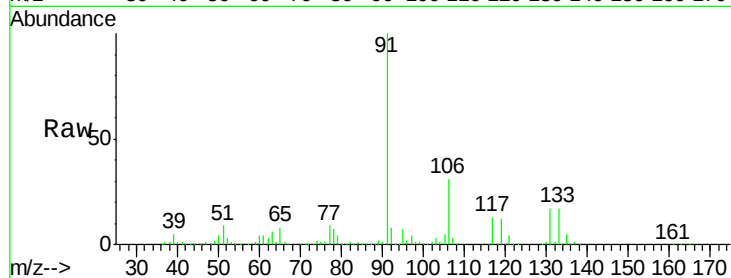
VY0115SBS01

Tgt Ion: 91 Resp: 225540

Ion Ratio Lower Upper

91 100

106 31.3 25.3 37.9



#68

m/p-Xylenes

Concen: 44.929 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY001214.D

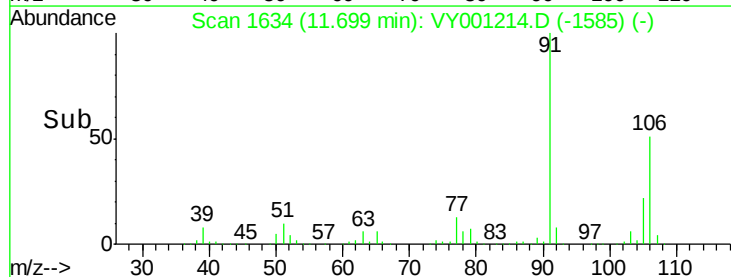
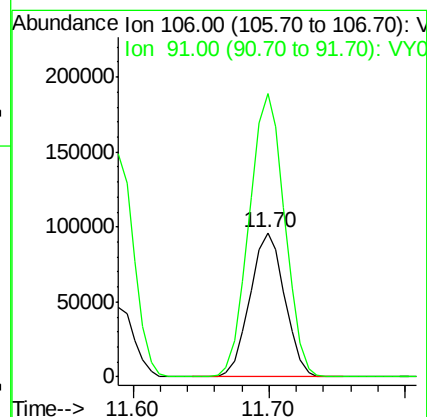
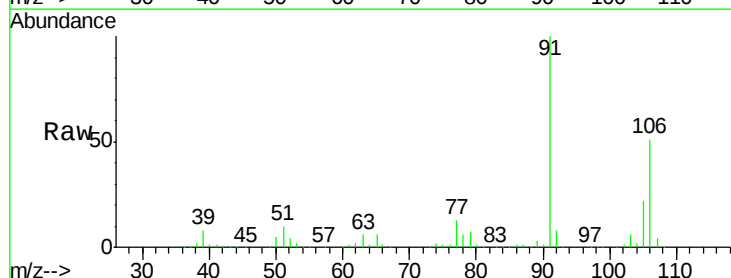
Acq: 15 Jan 2020 13:48

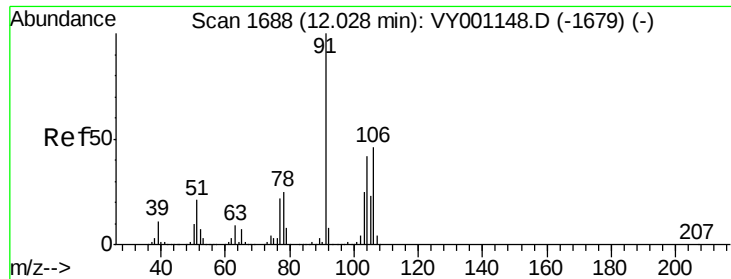
Tgt Ion: 106 Resp: 172364

Ion Ratio Lower Upper

106 100

91 199.9 161.4 242.2

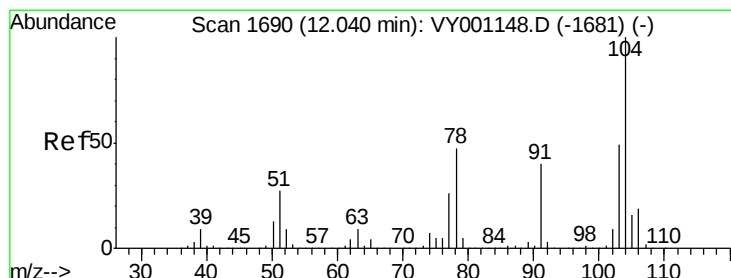
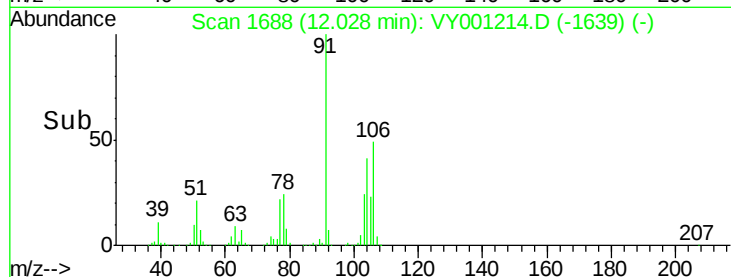
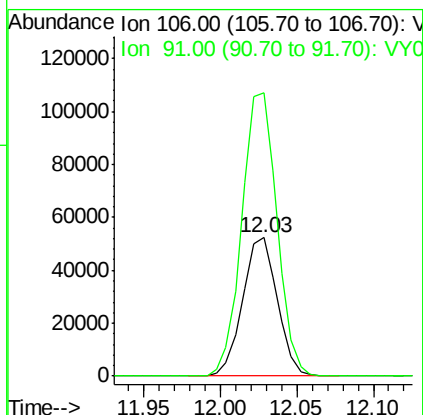
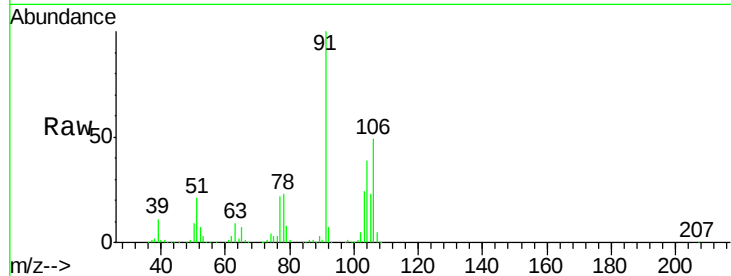




#69
o-Xylene
Concen: 22.414 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

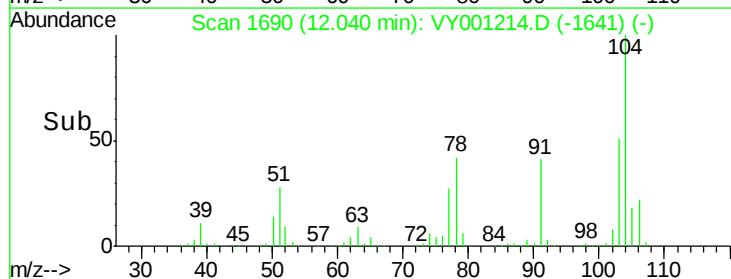
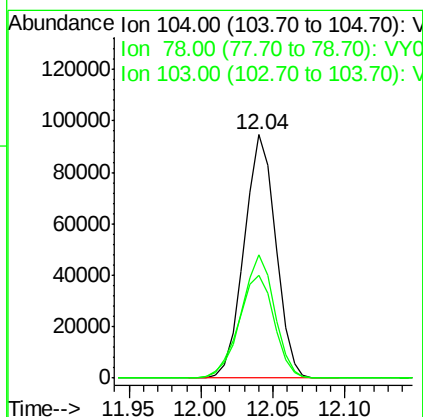
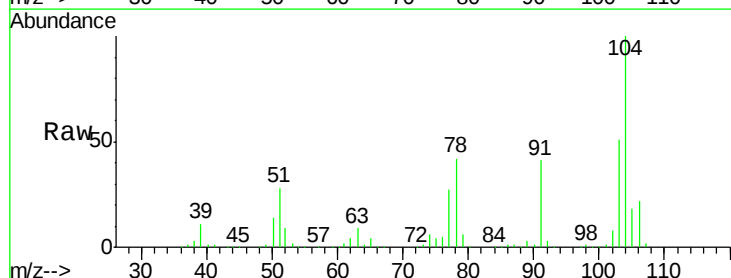
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

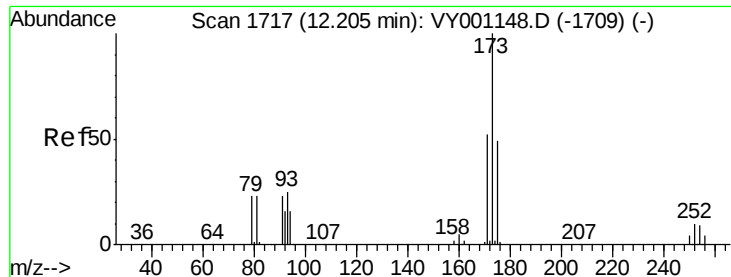
Tgt Ion:106 Resp: 82443
Ion Ratio Lower Upper
106 100
91 207.7 106.3 318.8



#70
Styrene
Concen: 22.218 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Tgt Ion:104 Resp: 143391
Ion Ratio Lower Upper
104 100
78 47.9 40.5 60.7
103 53.5 42.4 63.6





#71

Bromoform

Concen: 21.897 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

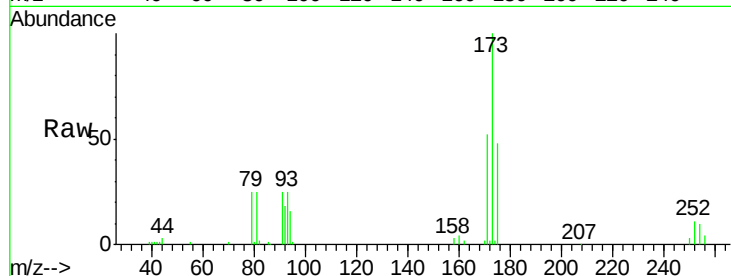
Tgt Ion:173 Resp: 25874

Ion Ratio Lower Upper

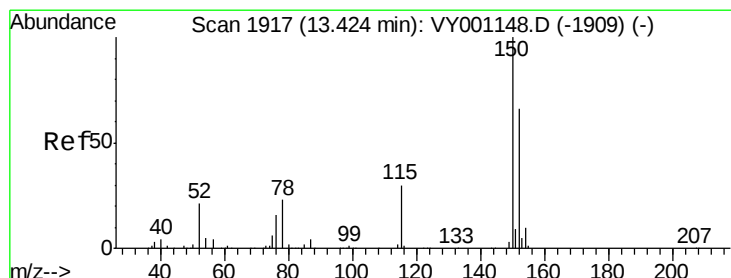
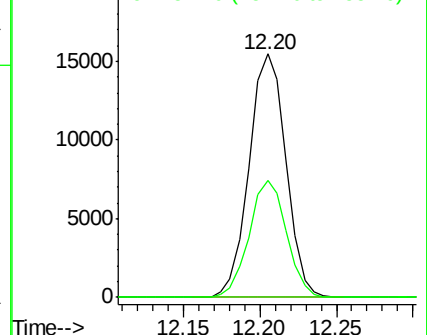
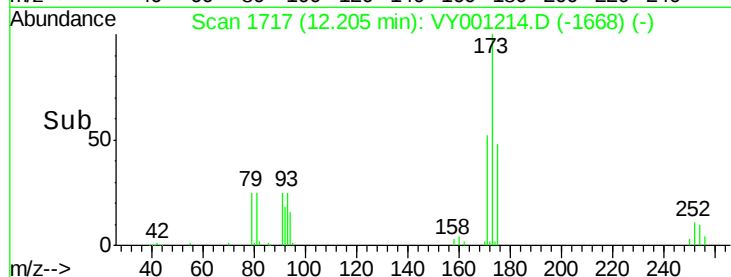
173 100

175 48.7 24.1 72.2

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

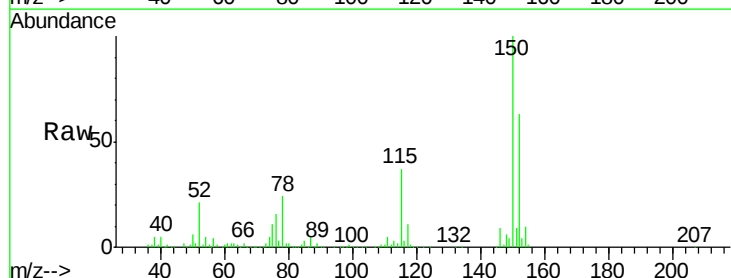
Tgt Ion:152 Resp: 132246

Ion Ratio Lower Upper

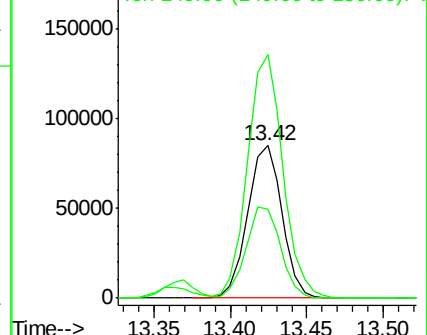
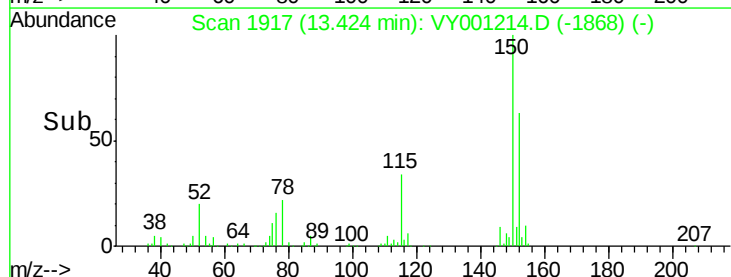
152 100

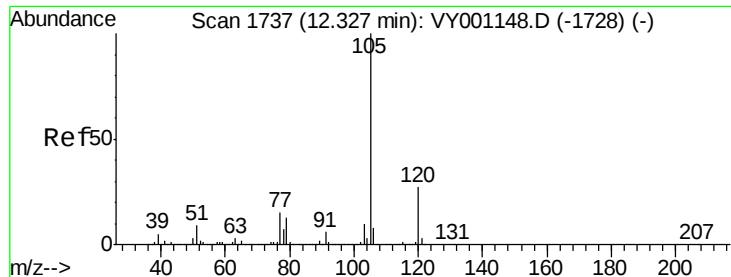
115 60.3 30.9 92.5

150 164.9 0.0 346.8



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





#73

Isopropylbenzene

Concen: 21.804 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

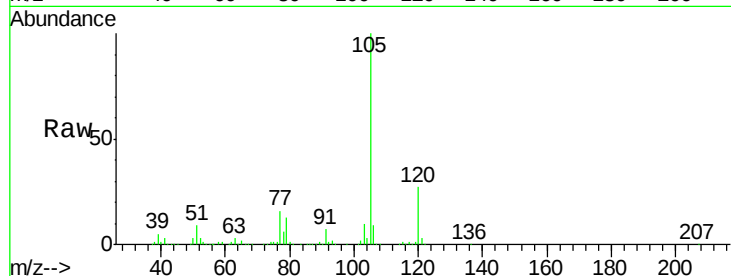
VY0115SBS01

Tgt Ion:105 Resp: 216770

Ion Ratio Lower Upper

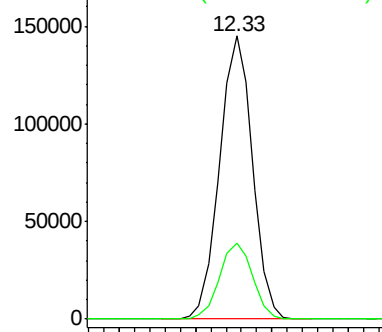
105 100

120 27.0 13.4 40.2

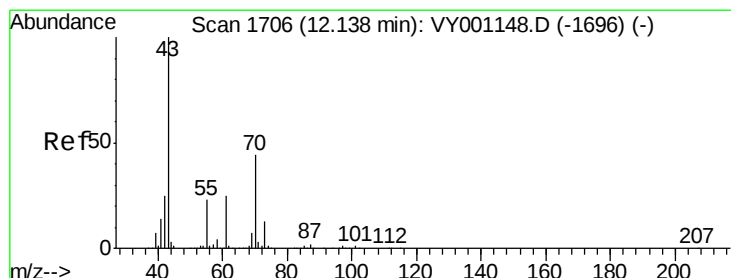
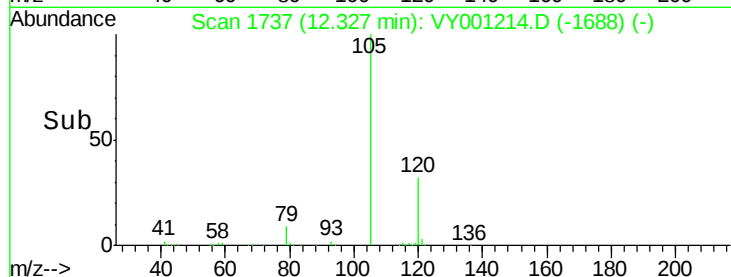


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 22.496 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Tgt Ion: 43 Resp: 69798

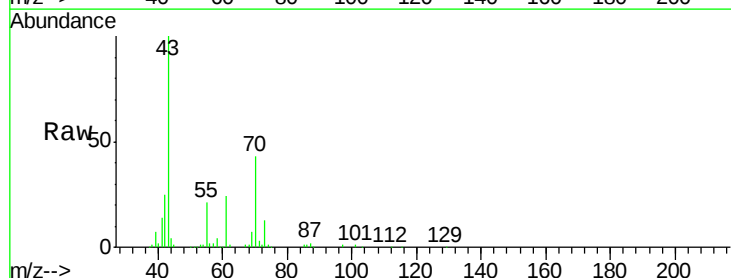
Ion Ratio Lower Upper

43 100

70 42.3 35.0 52.6

55 22.2 18.4 27.6

61 24.5 20.1 30.1

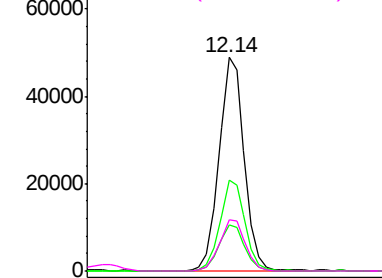


Abundance Ion 43.00 (42.70 to 43.70): VY0

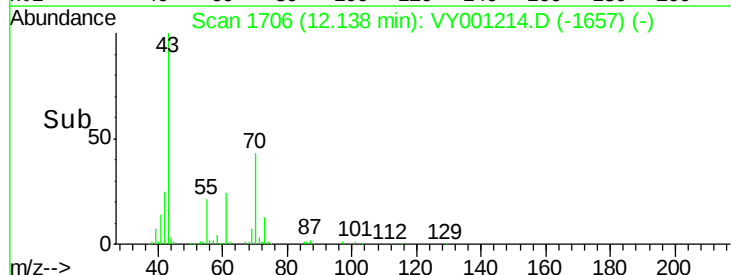
Ion 70.00 (69.70 to 70.70): VY0

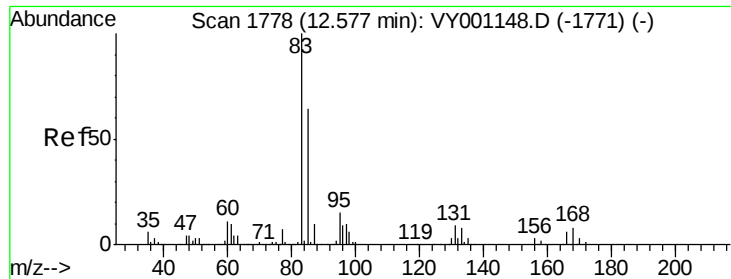
Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.699 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

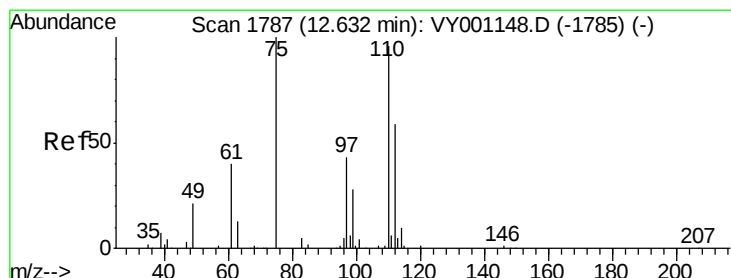
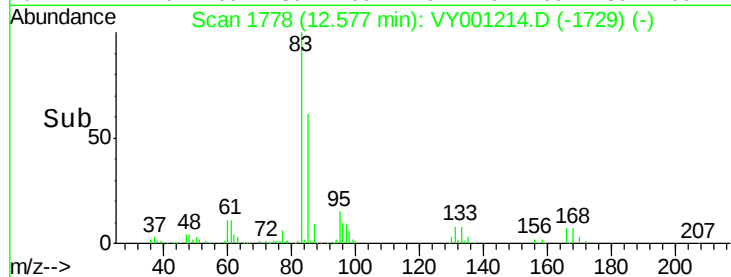
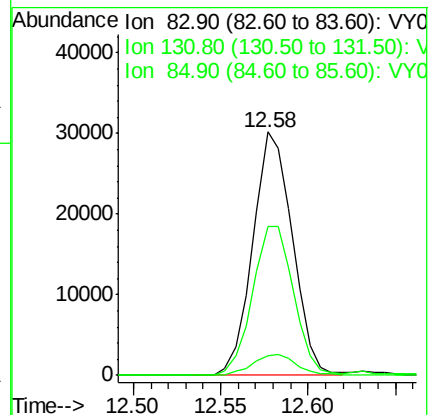
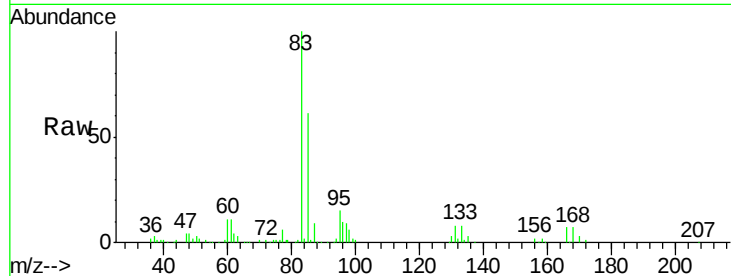
Tgt Ion: 83 Resp: 47480

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.3

85 63.4 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 43.040 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY001214.D

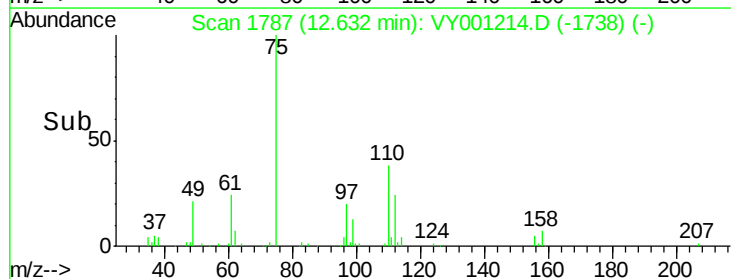
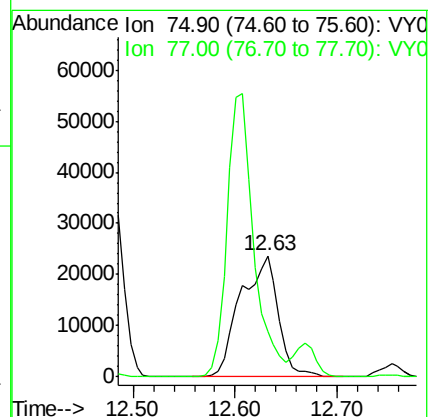
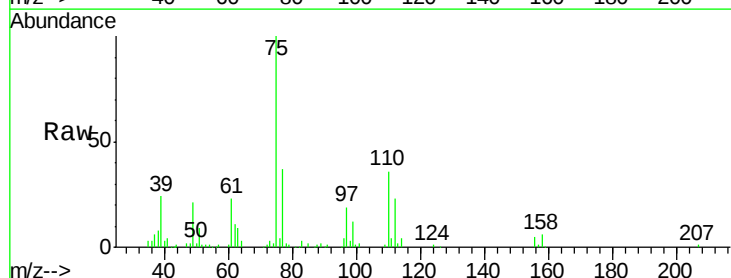
Acq: 15 Jan 2020 13:48

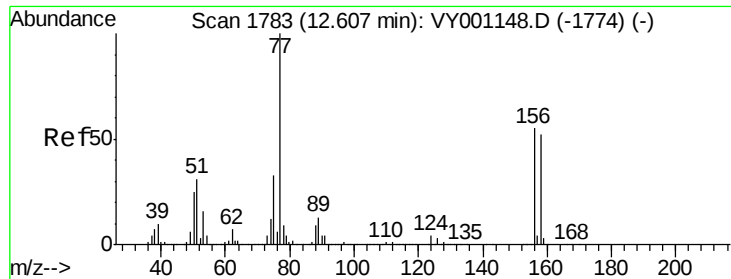
Tgt Ion: 75 Resp: 60932

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.157 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

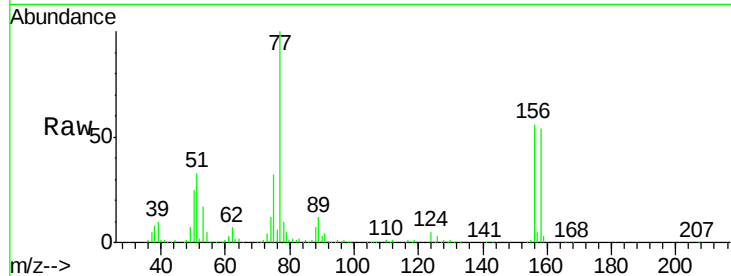
Tgt Ion:156 Resp: 48674

Ion Ratio Lower Upper

156 100

77 206.0 106.7 320.1

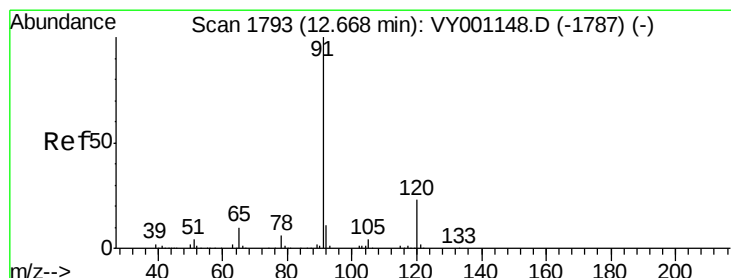
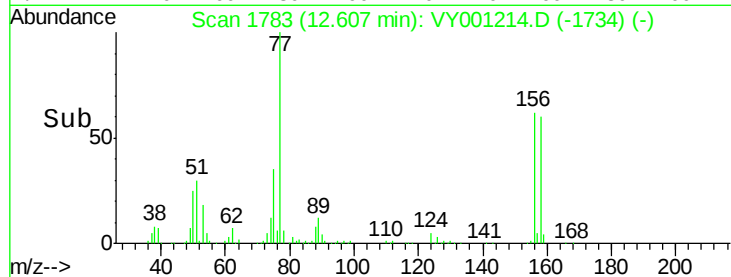
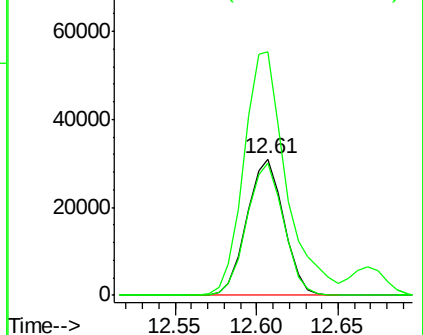
158 97.2 48.3 144.8



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: 21.954 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY001214.D

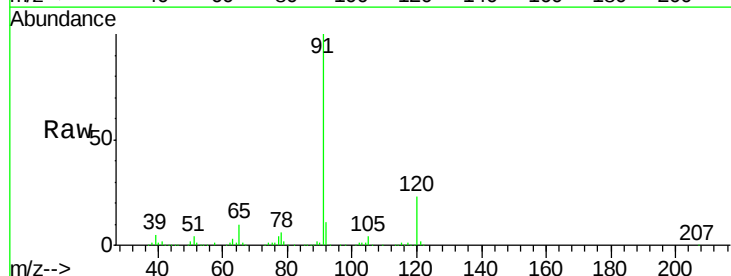
Acq: 15 Jan 2020 13:48

Tgt Ion: 91 Resp: 262537

Ion Ratio Lower Upper

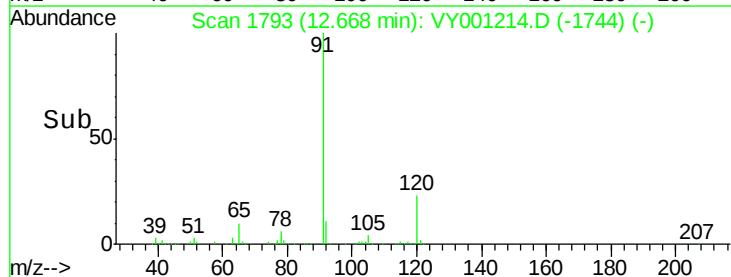
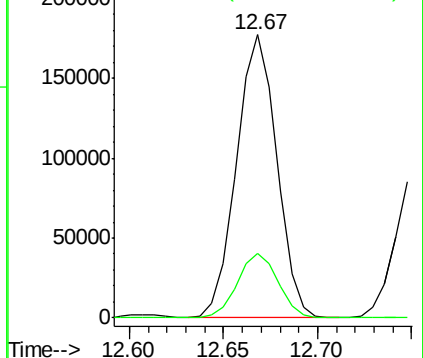
91 100

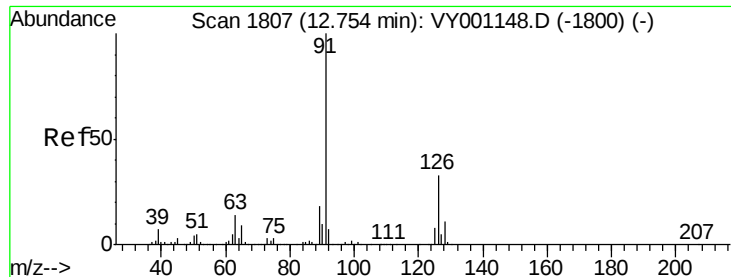
120 22.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.796 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

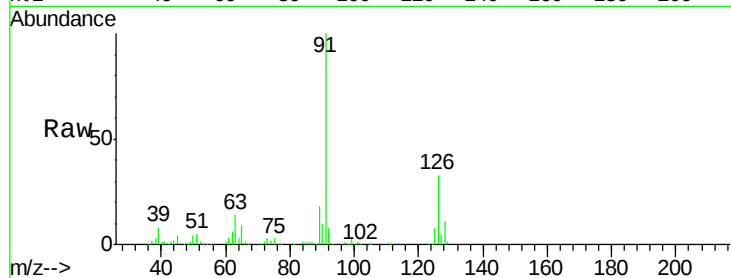
VY0115SBS01

Tgt Ion: 91 Resp: 149694

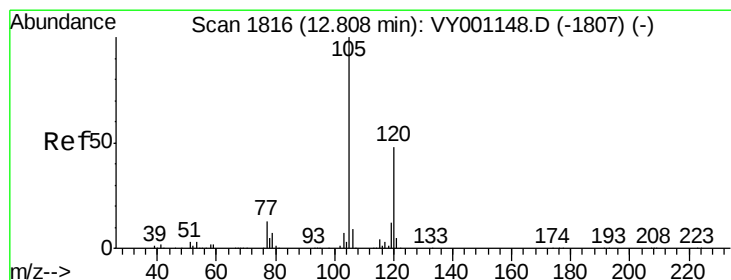
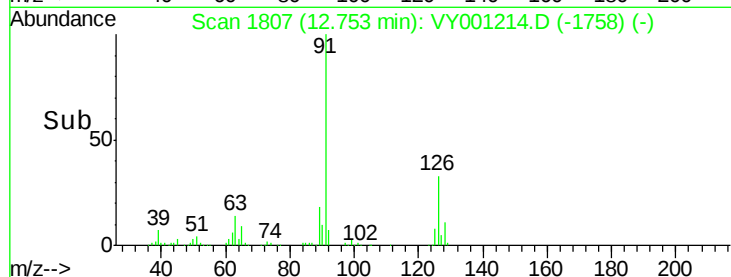
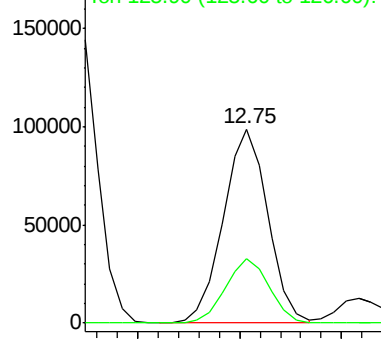
Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VY001148.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.987 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY001214.D

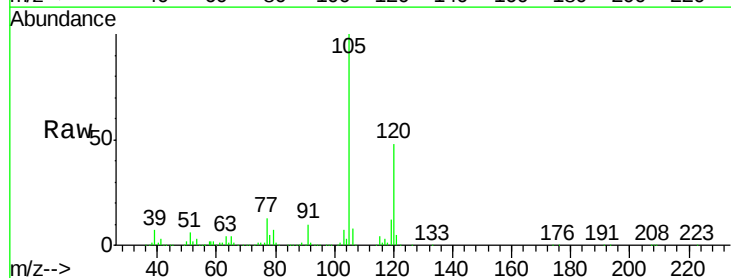
Acq: 15 Jan 2020 13:48

Tgt Ion: 105 Resp: 182392

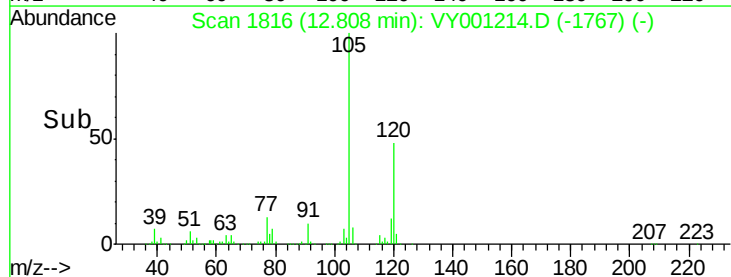
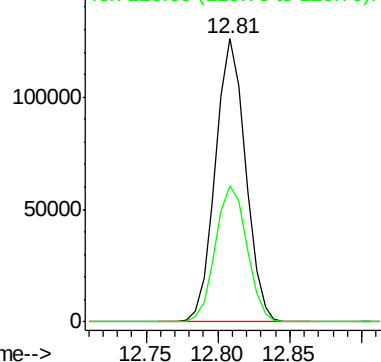
Ion Ratio Lower Upper

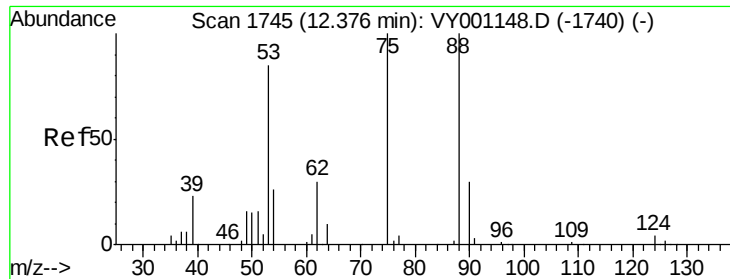
105 100

120 49.9 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VY001148.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.278 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

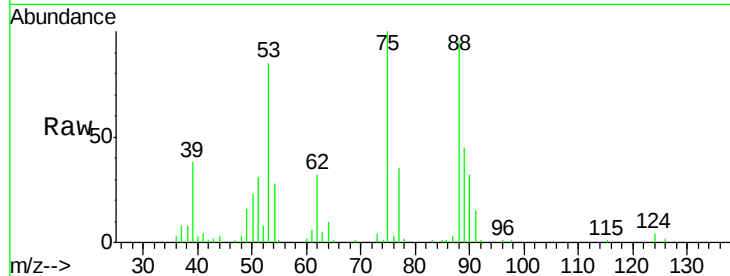
Tgt Ion: 75 Resp: 17764

Ion Ratio Lower Upper

75 100

53 81.5 69.4 104.2

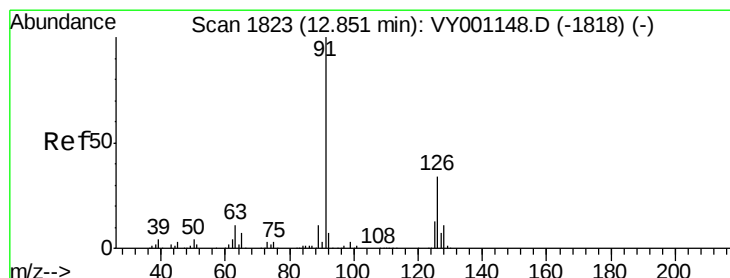
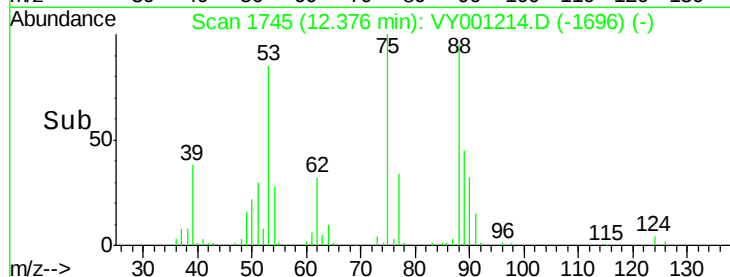
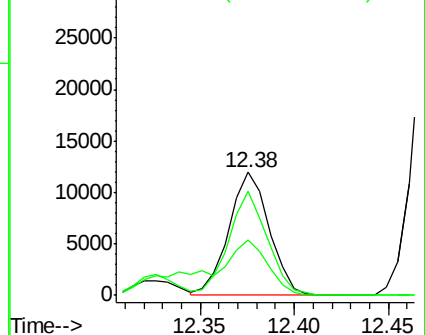
89 73.8 0.0 0.0#



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: 21.273 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY001214.D

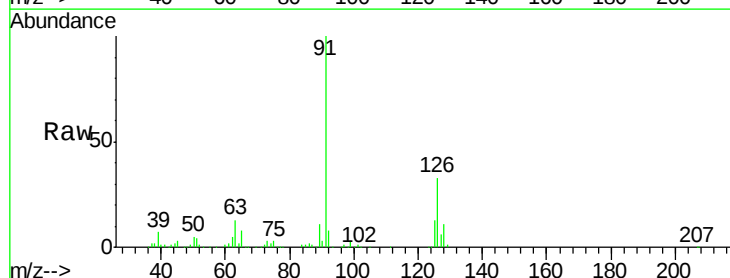
Acq: 15 Jan 2020 13:48

Tgt Ion: 91 Resp: 155975

Ion Ratio Lower Upper

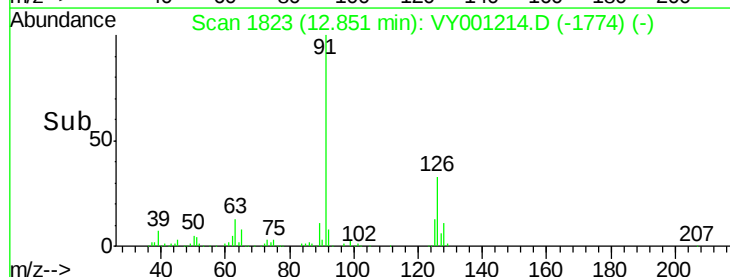
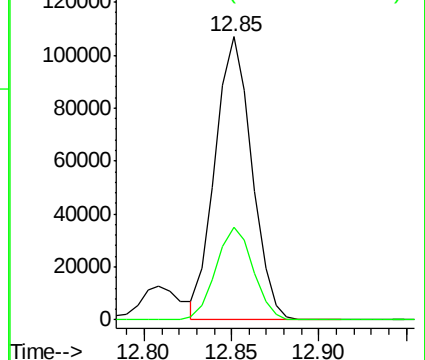
91 100

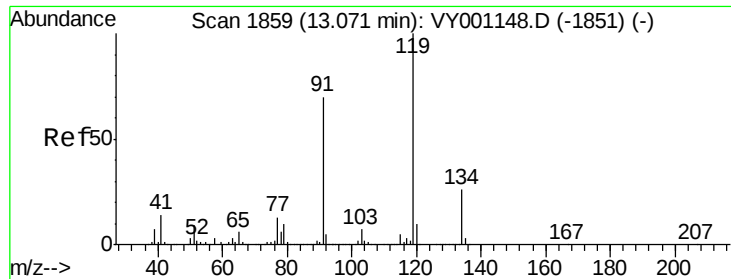
126 33.4 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

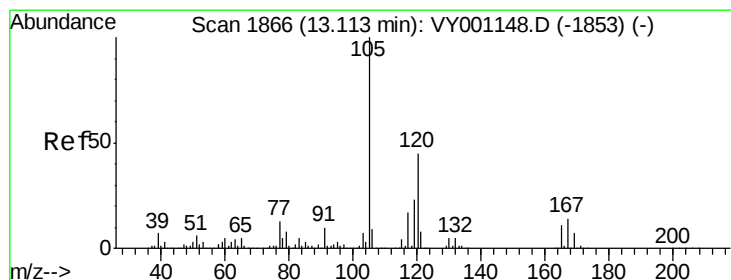
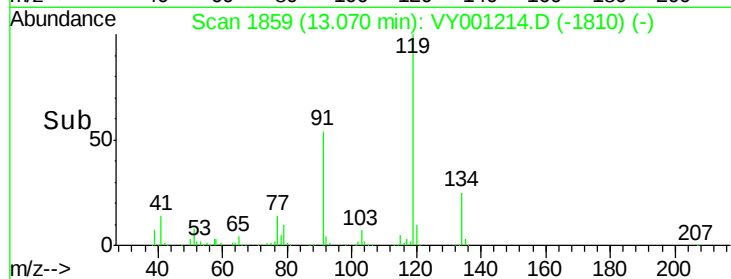
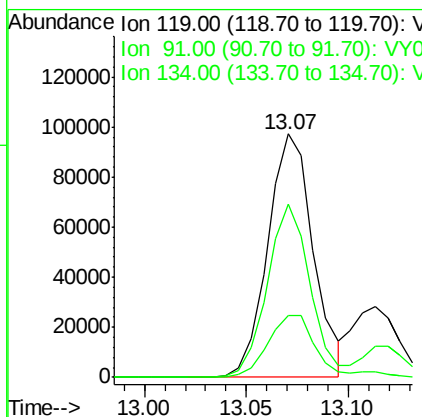
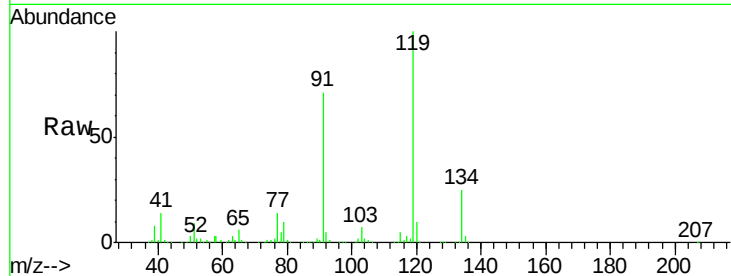




#83
 tert-Butylbenzene
 Concen: 21.699 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

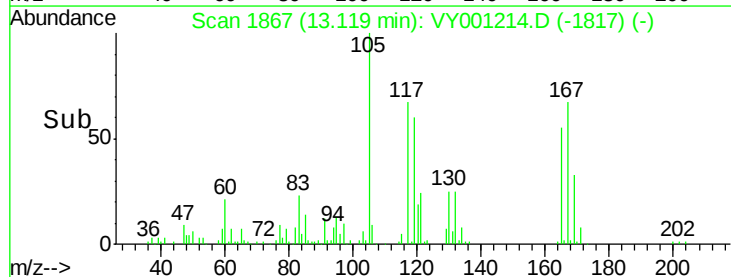
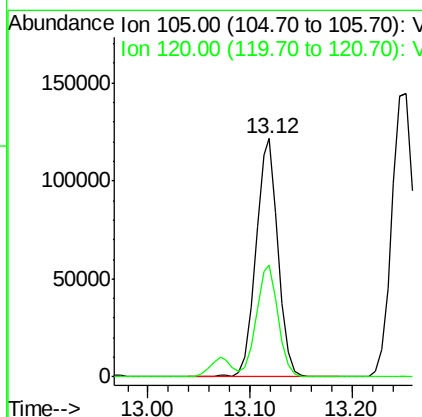
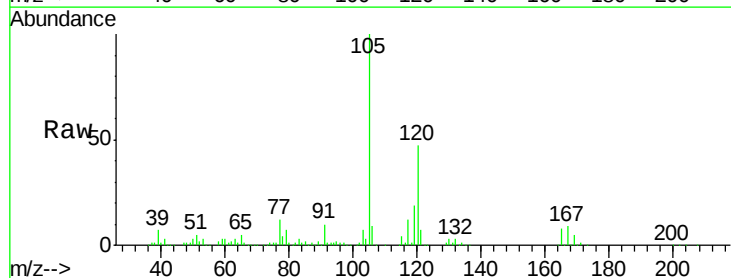
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

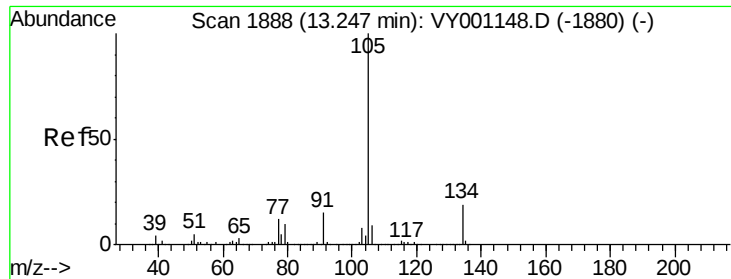
Tgt Ion:	119	Resp:	151246
Ion	Ratio	Lower	Upper
119	100		
91	67.7	33.9	101.7
134	27.7	13.5	40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 22.212 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.01 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

Tgt Ion:	105	Resp:	182974
Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.8	68.3





#85

sec-Butylbenzene

Concen: 22.102 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

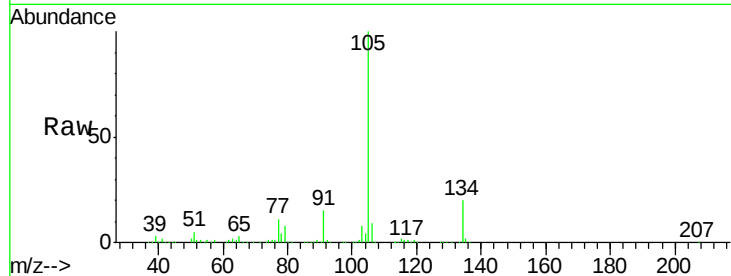
VY0115SBS01

Tgt Ion:105 Resp: 221626

Ion Ratio Lower Upper

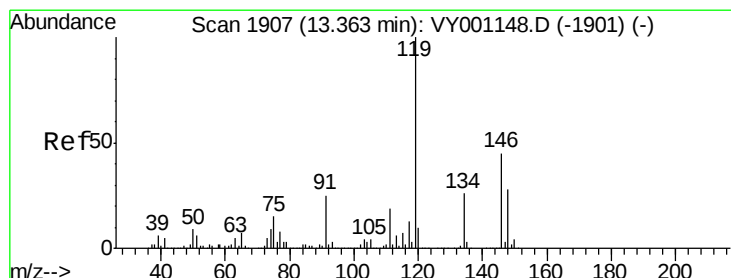
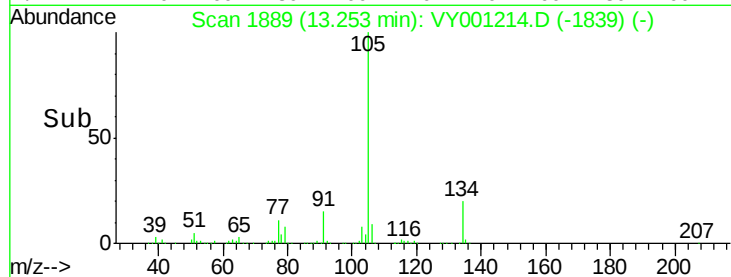
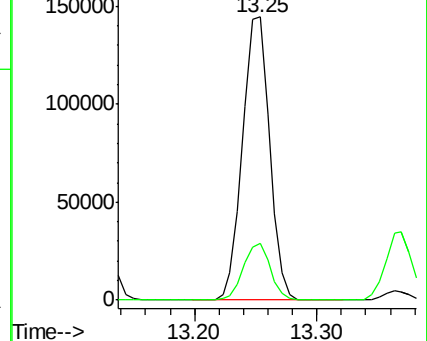
105 100

134 19.9 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.362 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY001214.D

Acq: 15 Jan 2020 13:48

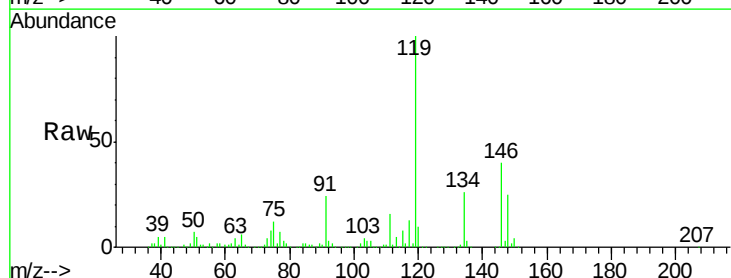
Tgt Ion:119 Resp: 194689

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

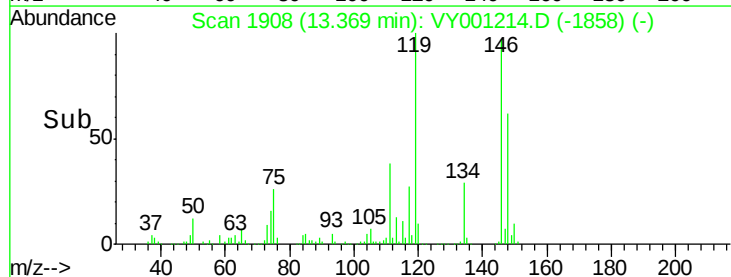
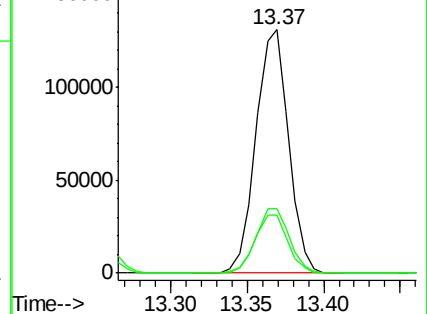
91 24.3 12.4 37.2

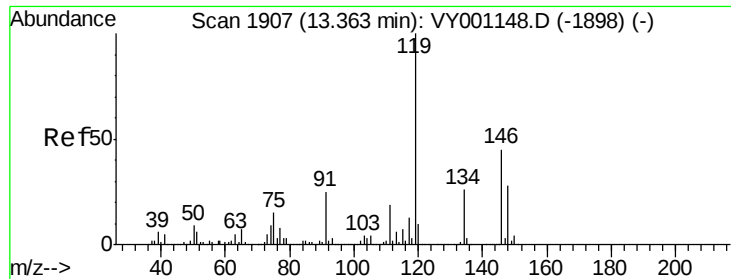


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

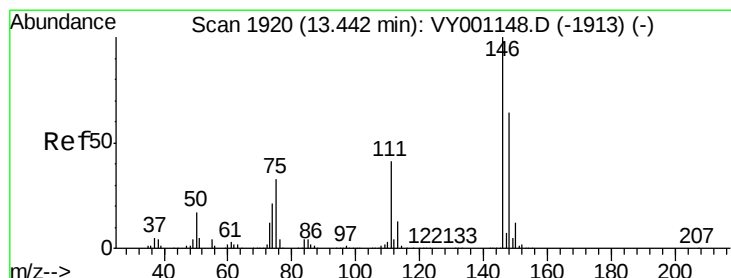
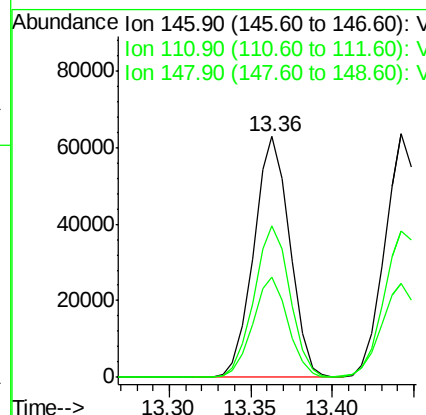
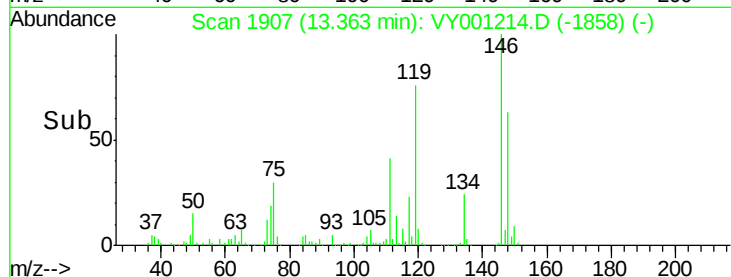
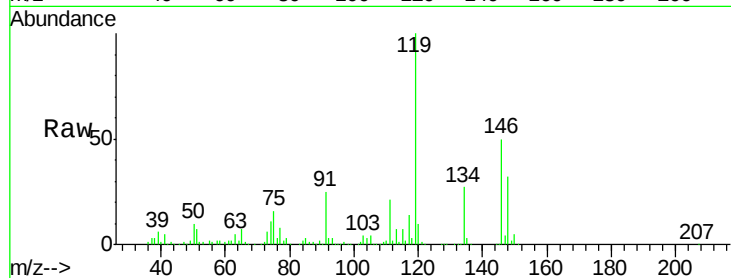




#87
 1,3-Dichlorobenzene
 Concen: 23.143 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

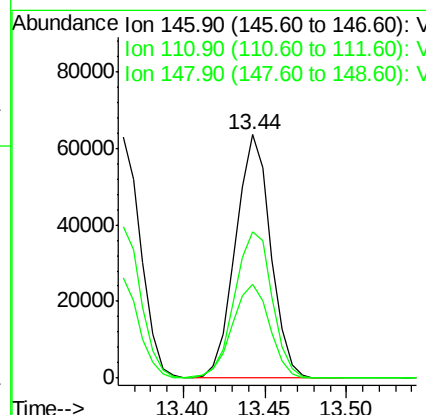
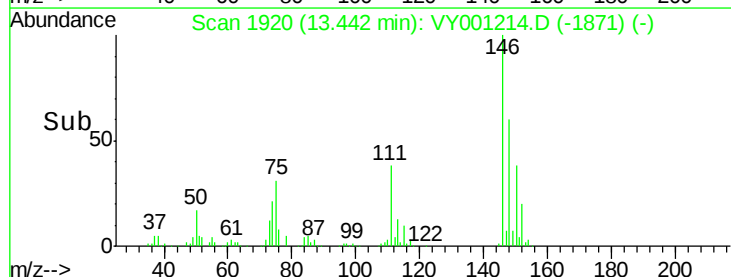
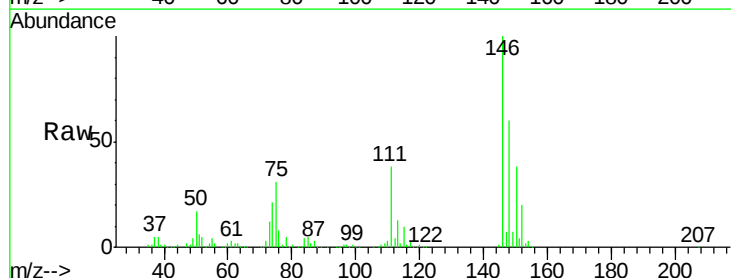
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

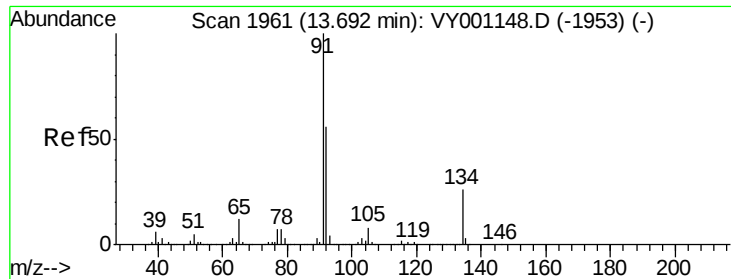
Tgt Ion:146 Resp: 96149
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.3 64.0
 148 62.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 22.250 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

Tgt Ion:146 Resp: 95138
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.8 62.5
 148 64.3 32.0 96.2

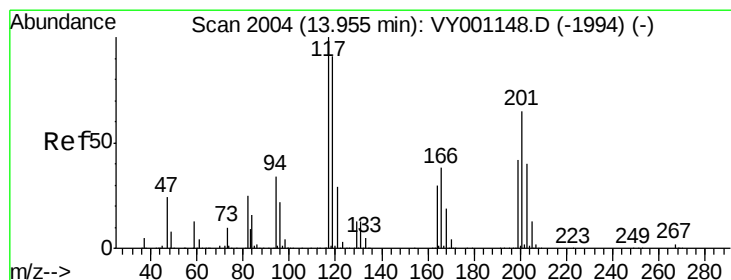
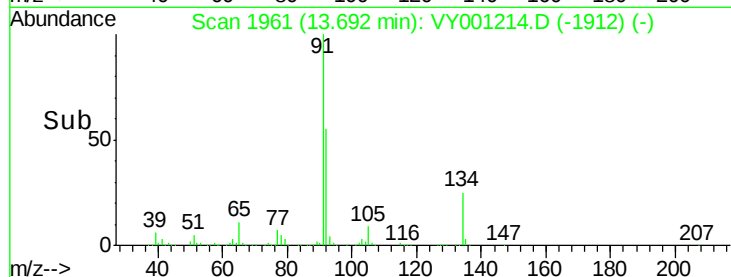
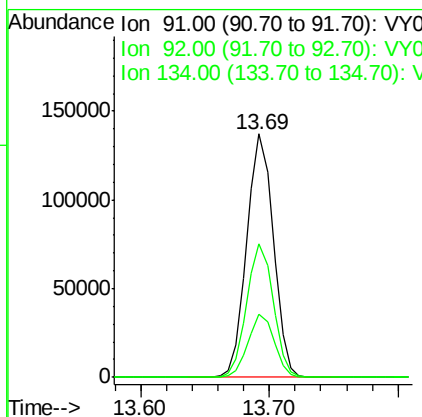
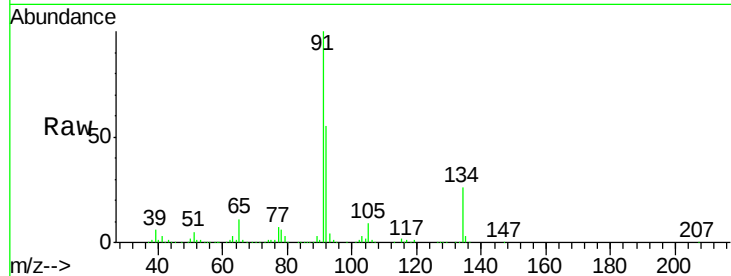




#89
n-Butylbenzene
Concen: 22.215 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

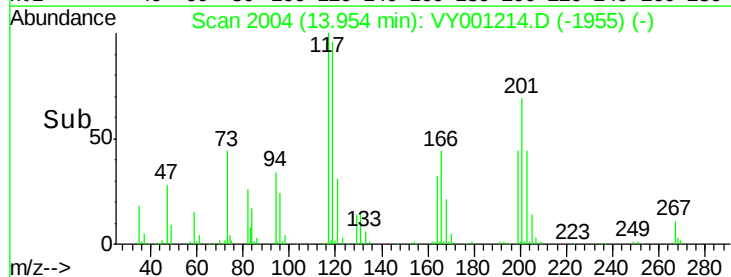
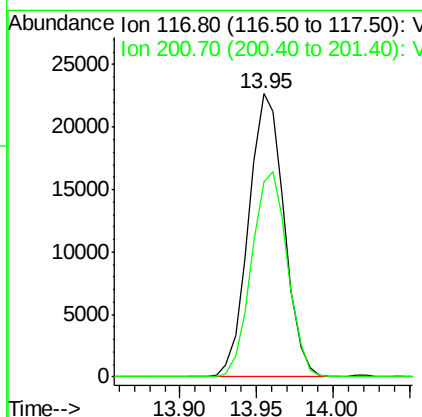
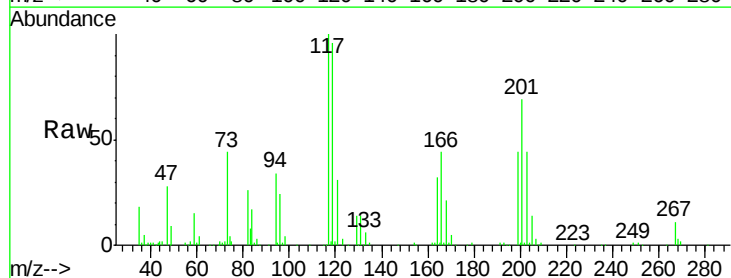
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

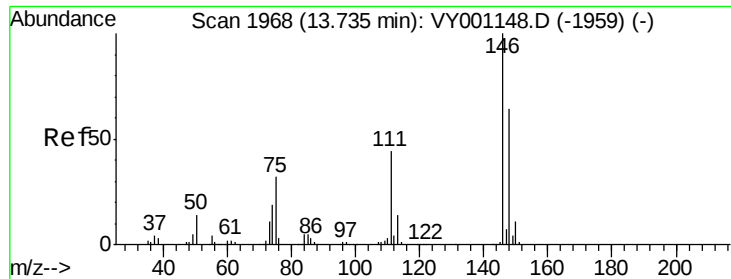
Tgt Ion: 91 Resp: 194801
Ion Ratio Lower Upper
91 100
92 54.7 27.7 83.1
134 25.6 12.9 38.6



#90
Hexachloroethane
Concen: 21.458 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Tgt Ion: 117 Resp: 36504
Ion Ratio Lower Upper
117 100
201 73.2 35.4 106.2

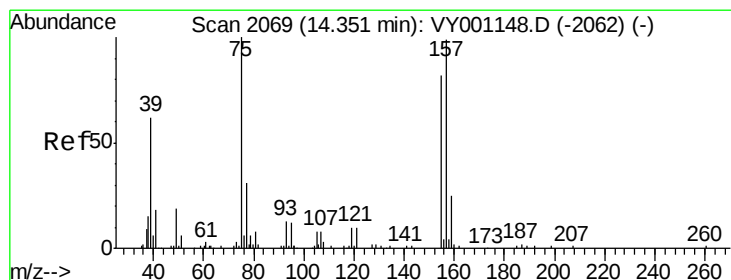
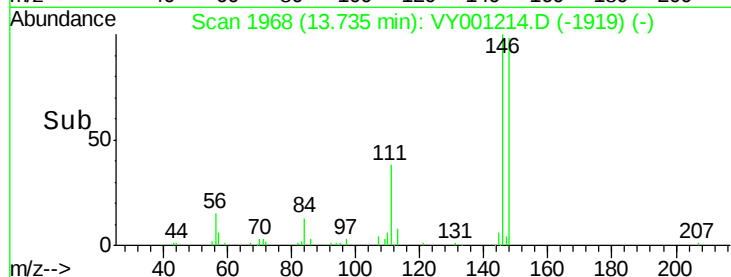
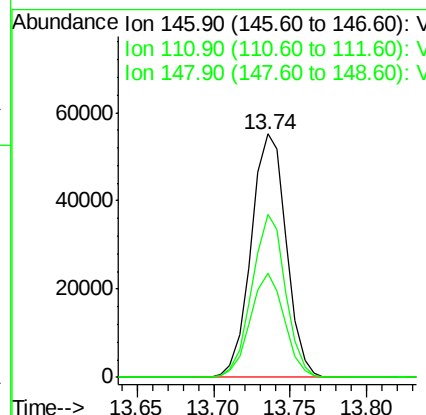
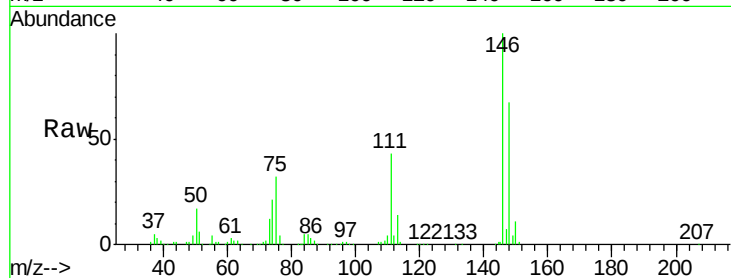




#91
 1,2-Dichlorobenzene
 Concen: 22.792 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

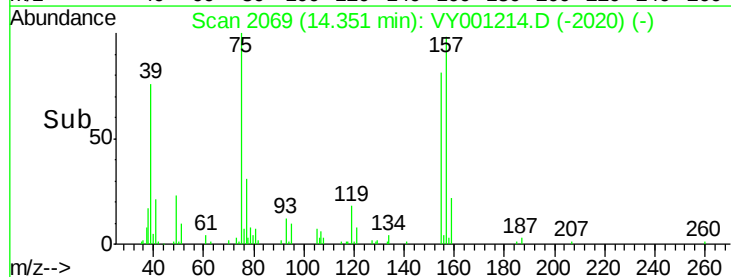
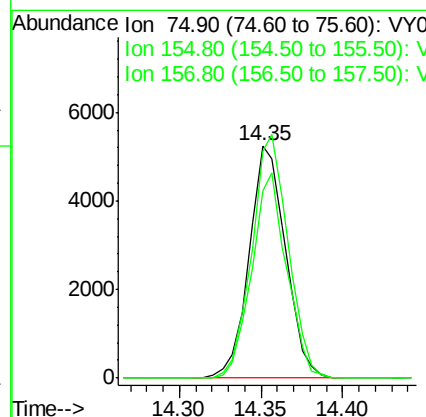
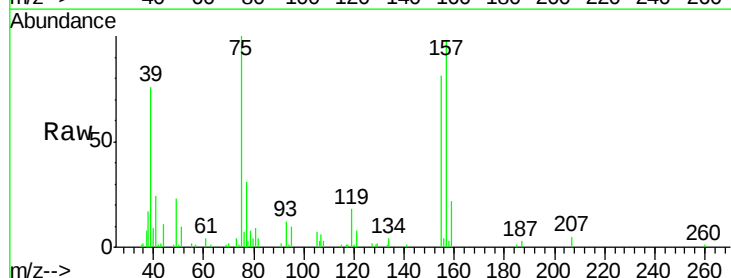
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

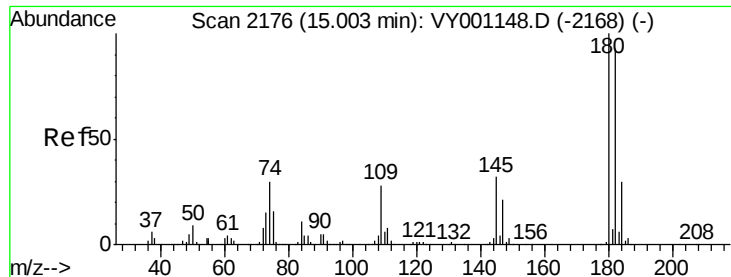
Tgt Ion: 146 Resp: 88005
 Ion Ratio Lower Upper
 146 100
 111 41.6 22.0 66.0
 148 64.0 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.608 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VY001214.D
 Acq: 15 Jan 2020 13:48

Tgt Ion: 75 Resp: 8153
 Ion Ratio Lower Upper
 75 100
 155 84.5 41.2 123.6
 157 104.6 52.8 158.4

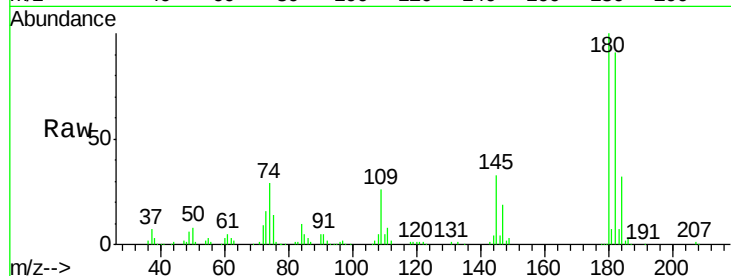




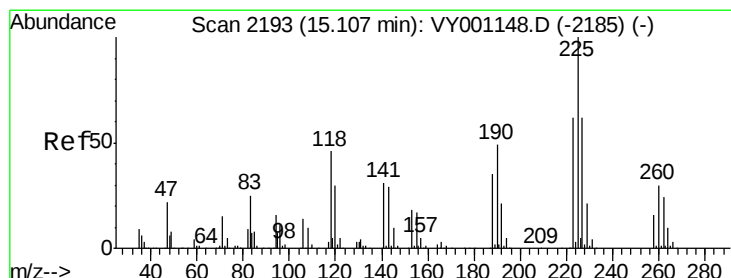
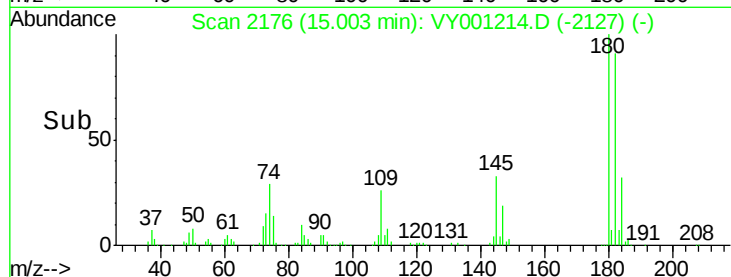
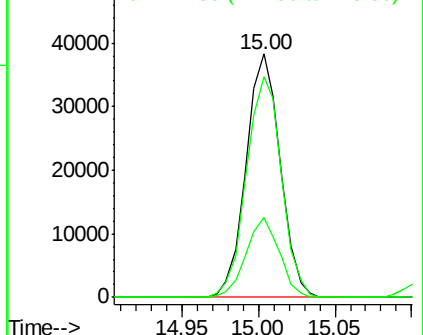
#93
1,2,4-Trichlorobenzene
Concen: 23.371 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tgt Ion:180 Resp: 59456
Ion Ratio Lower Upper
180 100
182 93.2 46.9 140.8
145 31.7 16.0 48.0

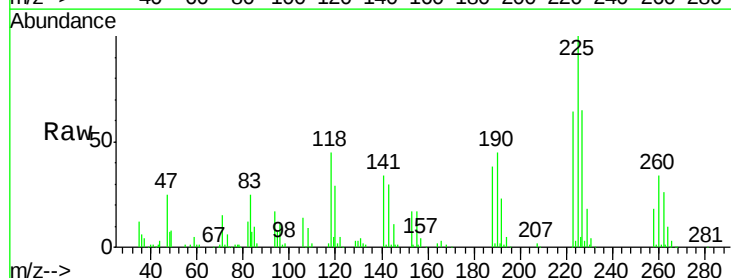


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

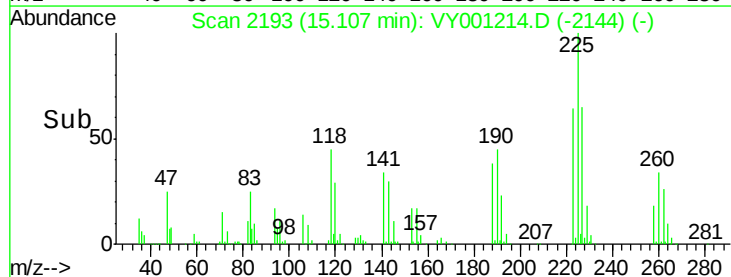
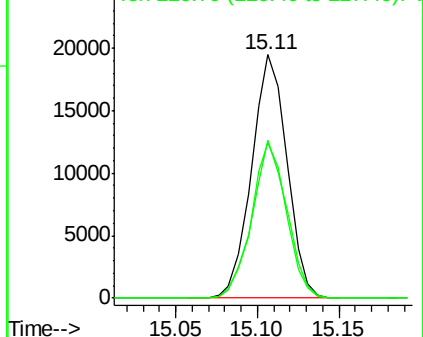


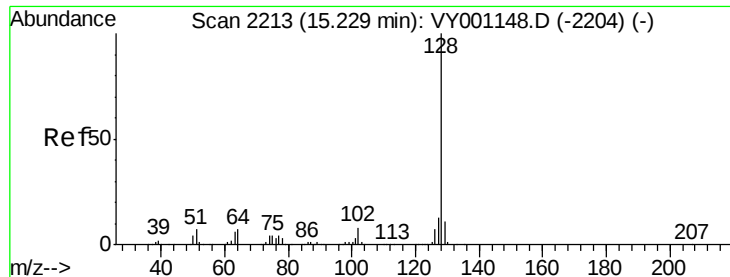
#94
Hexachlorobutadiene
Concen: 22.955 ug/l
RT: 15.11 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Tgt Ion:225 Resp: 29420
Ion Ratio Lower Upper
225 100
223 63.0 31.1 93.3
227 63.6 31.3 93.9



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

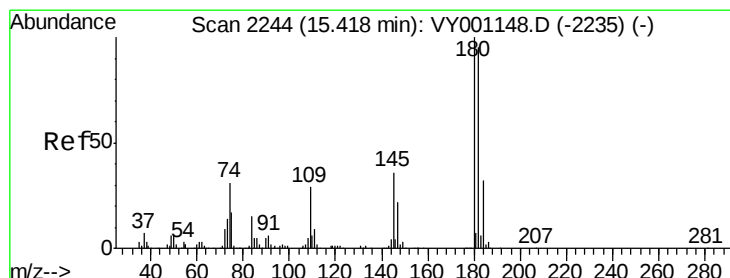
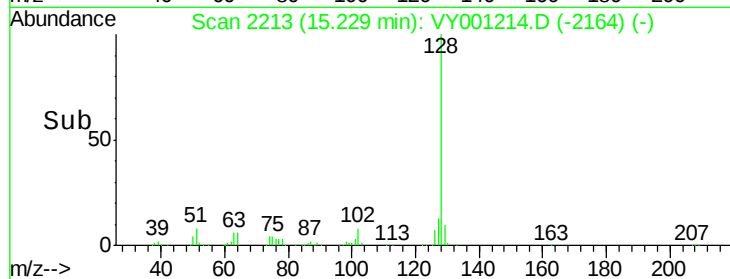
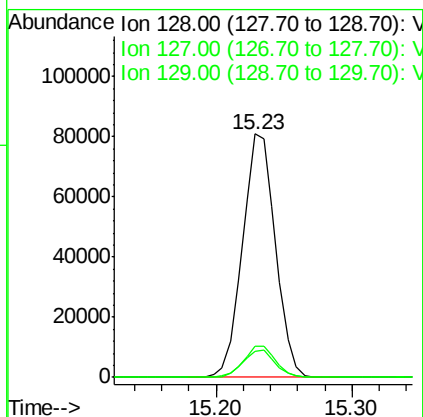
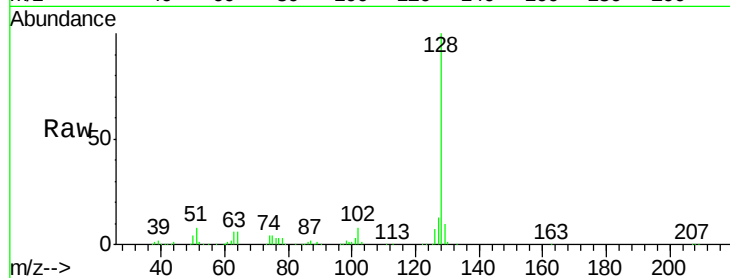




#95
Naphthalene
Concen: 23.094 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBSD01

Tgt Ion:128 Resp: 136774
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 23.493 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY001214.D
Acq: 15 Jan 2020 13:48

Tgt Ion:180 Resp: 52674
Ion Ratio Lower Upper
180 100
182 94.6 47.5 142.5
145 32.4 17.1 51.3

