

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002154.D
 Acq On : 01 Apr 2020 11:59
 Operator : SY/MD
 Sample : VY0401SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:20:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	160478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	291120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	260056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	120135	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	83390	47.01	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.02%	
35) Dibromofluoromethane	7.74	113	76848	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	10.19	98	318767	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
62) 4-Bromofluorobenzene	12.49	95	111606	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	32320	27.959	ug/l	99
3) Chloromethane	2.12	50	40767	21.738	ug/l	97
4) Vinyl Chloride	2.26	62	42137	22.092	ug/l	95
5) Bromomethane	2.65	94	28539	22.928	ug/l	98
6) Chloroethane	2.80	64	27037	22.076	ug/l	94
7) Trichlorofluoromethane	3.14	101	57733	22.088	ug/l	98
8) Diethyl Ether	3.54	74	22470	20.297	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	36894	21.514	ug/l	100
10) Methyl Iodide	4.10	142	39027	19.139	ug/l	100
11) Tert butyl alcohol	4.97	59	32992	157.811	ug/l #	92
12) 1,1-Dichloroethene	3.88	96	36958	21.224	ug/l	94
13) Acrolein	3.74	56	22432	85.850	ug/l	97
14) Allyl chloride	4.49	41	64872	20.350	ug/l	99
15) Acrylonitrile	5.18	53	60219	103.781	ug/l	99
16) Acetone	3.96	43	50985	102.294	ug/l	96
17) Carbon Disulfide	4.21	76	121276	20.986	ug/l	99
18) Methyl Acetate	4.49	43	27592	21.319	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	100072	20.601	ug/l	96
20) Methylene Chloride	4.73	84	43983	18.040	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	40452	20.403	ug/l	95
22) Diisopropyl ether	6.14	45	132600	20.326	ug/l	95
23) Vinyl Acetate	6.08	43	437091	102.176	ug/l	99
24) 1,1-Dichloroethane	6.04	63	71945	20.742	ug/l	99
25) 2-Butanone	7.00	43	77476	101.234	ug/l	100
26) 2,2-Dichloropropane	6.99	77	60535	21.190	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	44790	20.535	ug/l	97
28) Bromochloromethane	7.35	49	30222	19.085	ug/l	97
29) Tetrahydrofuran	7.36	42	51315	102.268	ug/l	99
30) Chloroform	7.52	83	66993	20.376	ug/l	100
31) Cyclohexane	7.80	56	77636	21.005	ug/l	94
32) 1,1,1-Trichloroethane	7.72	97	57036	20.778	ug/l	99
36) 1,1-Dichloropropene	7.93	75	57685	20.949	ug/l	99
37) Ethyl Acetate	7.09	43	34372	20.656	ug/l	99
38) Carbon Tetrachloride	7.91	117	48394	20.715	ug/l	95

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	75395	20.874	ug/l	98
40) Benzene	8.18	78	169341	20.762	ug/l	99
41) Methacrylonitrile	7.36	41	45319	53.842	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	44468	20.535	ug/l	99
43) Isopropyl Acetate	8.28	43	62272	20.163	ug/l	99
44) Trichloroethene	8.95	130	40509	20.603	ug/l	98
45) 1,2-Dichloropropane	9.23	63	42574	20.500	ug/l	97
46) Dibromomethane	9.32	93	21986	20.614	ug/l	98
47) Bromodichloromethane	9.50	83	51673	20.811	ug/l	97
48) Methyl methacrylate	9.30	41	27666	19.989	ug/l	100
49) 1,4-Dioxane	9.31	88	5930	405.168	ug/l #	93
51) 4-Methyl-2-Pentanone	10.08	43	171797	108.027	ug/l	99
52) Toluene	10.25	92	101745	20.624	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	56159	20.378	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	65784	20.275	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	32339	20.486	ug/l	99
56) Ethyl methacrylate	10.52	69	46477	20.158	ug/l	99
57) 1,3-Dichloropropane	10.80	76	56886	20.396	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	120996	102.131	ug/l	100
59) 2-Hexanone	10.84	43	115072	102.721	ug/l	99
60) Dibromochloromethane	10.99	129	33272	20.142	ug/l	95
61) 1,2-Dibromoethane	11.10	107	29938	20.262	ug/l	98
64) Tetrachloroethene	10.72	164	34340	21.583	ug/l	97
65) Chlorobenzene	11.52	112	103376	20.593	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	35440	21.102	ug/l	99
67) Ethyl Benzene	11.60	91	196323	21.057	ug/l	98
68) m/p-Xylenes	11.70	106	146988	42.640	ug/l	99
69) o-Xylene	12.03	106	69599	21.284	ug/l	96
70) Styrene	12.05	104	118577	20.927	ug/l	99
71) Bromoform	12.22	173	19509	21.209	ug/l #	99
73) Isopropylbenzene	12.33	105	184557	20.710	ug/l	100
74) N-amyl acetate	12.15	43	55602	19.782	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	40079	20.900	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	52312	38.928	ug/l #	100
77) Bromobenzene	12.61	156	39039	20.521	ug/l	98
78) n-propylbenzene	12.68	91	231072	20.894	ug/l	100
79) 2-Chlorotoluene	12.77	91	124282	20.468	ug/l	97
80) 1,3,5-Trimethylbenzene	12.82	105	152900	20.796	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	14339	20.672	ug/l	95
82) 4-Chlorotoluene	12.86	91	133338	20.839	ug/l	99
83) tert-Butylbenzene	13.08	119	129628	21.122	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	155374	21.180	ug/l	99
85) sec-Butylbenzene	13.26	105	192491	21.176	ug/l	100
86) p-Isopropyltoluene	13.38	119	167121	21.409	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	77252	20.758	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	79324	21.181	ug/l	100
89) n-Butylbenzene	13.70	91	170967	21.020	ug/l	100
90) Hexachloroethane	13.97	117	30027	20.414	ug/l	95
91) 1,2-Dichlorobenzene	13.75	146	72363	21.055	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6241	20.317	ug/l	95

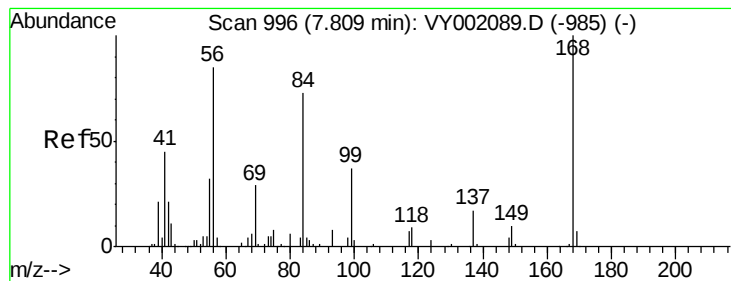
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	45832	20.690	ug/l	99
94) Hexachlorobutadiene	15.12	225	22340	20.430	ug/l	98
95) Naphthalene	15.25	128	104791	19.917	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	40029	19.927	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

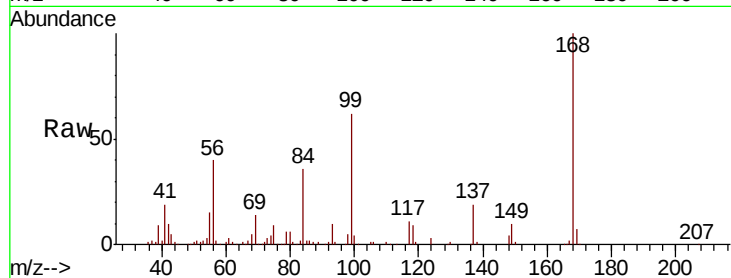
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 160478

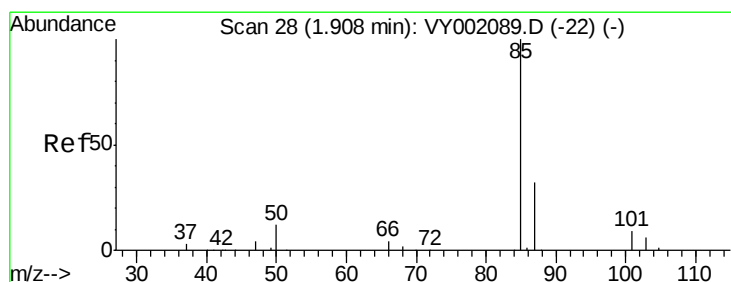
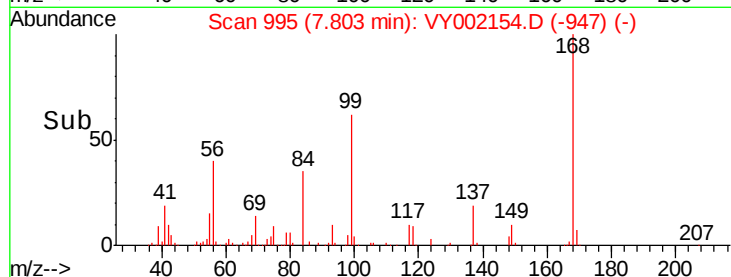
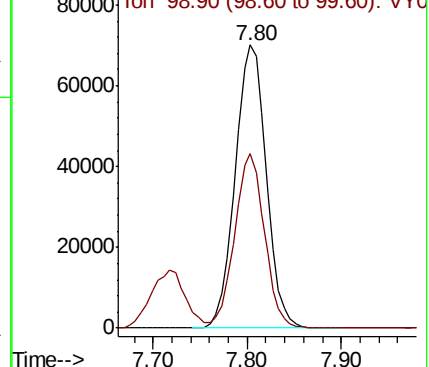
Ion Ratio Lower Upper

168 100

99 61.6 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002154.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 27.959 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002154.D

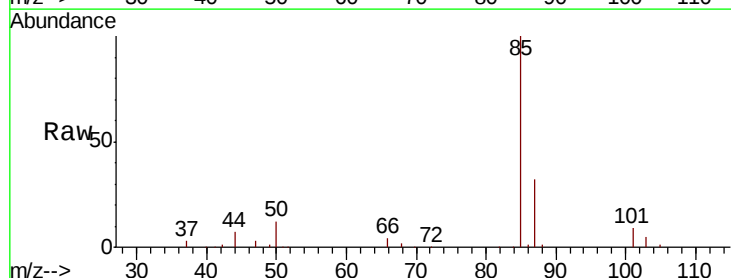
Acq: 01 Apr 2020 11:59

Tgt Ion: 85 Resp: 32320

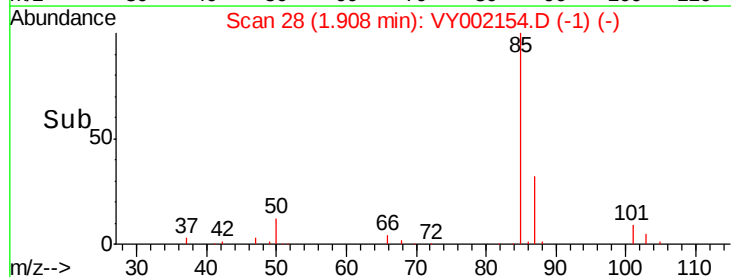
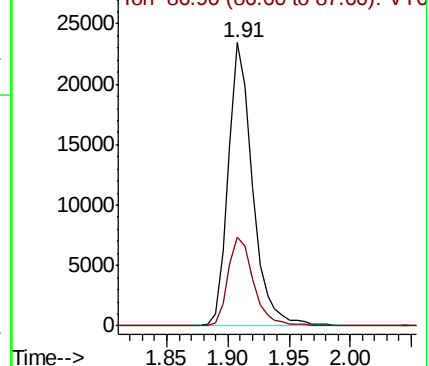
Ion Ratio Lower Upper

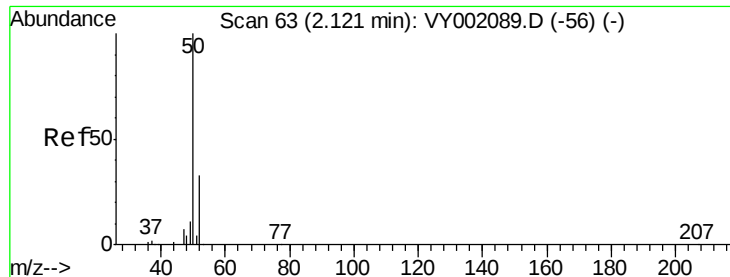
85 100

87 31.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002154.D (-1) (-)





#3

Chloromethane

Concen: 21.738 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Instrument :

MSVOA_Y

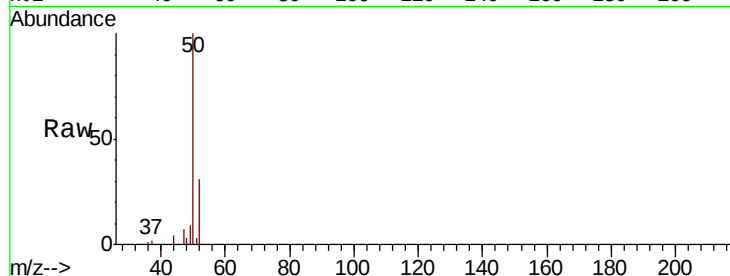
ClientSampleId :

Tot Ion: 50 Resp: 40767

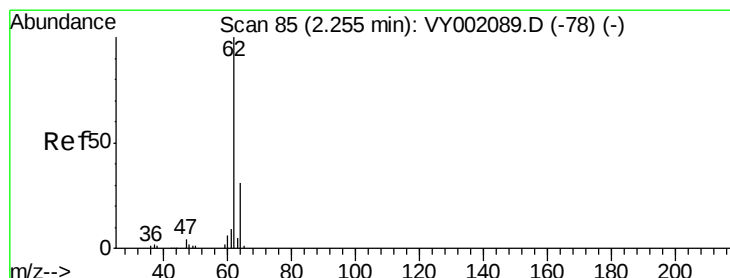
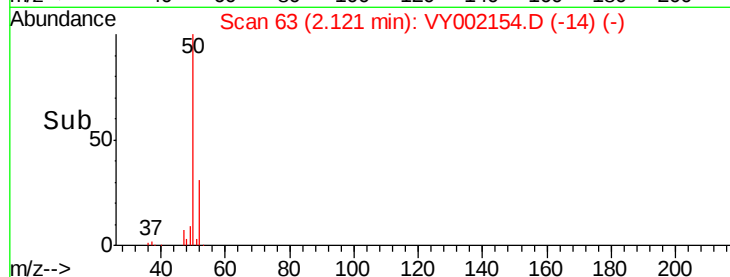
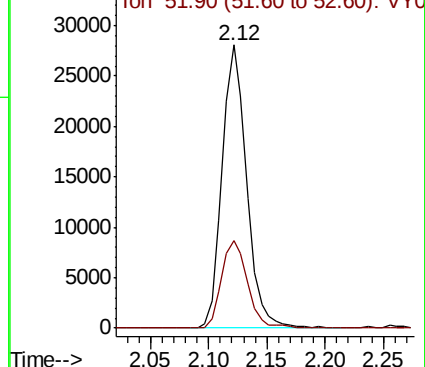
Ion Ratio Lower Upper

50 100

52 30.9 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VY002154.D (-14) (-)



#4

Vinyl Chloride

Concen: 22.092 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY002154.D

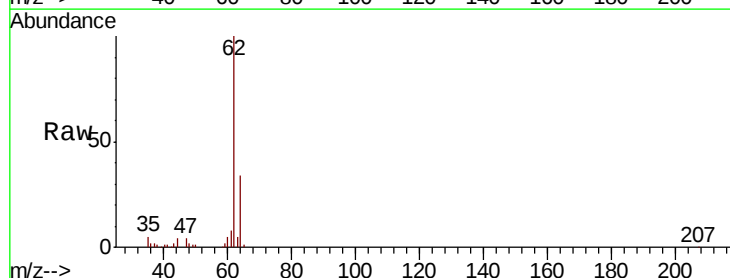
Acq: 01 Apr 2020 11:59

Tgt Ion: 62 Resp: 42137

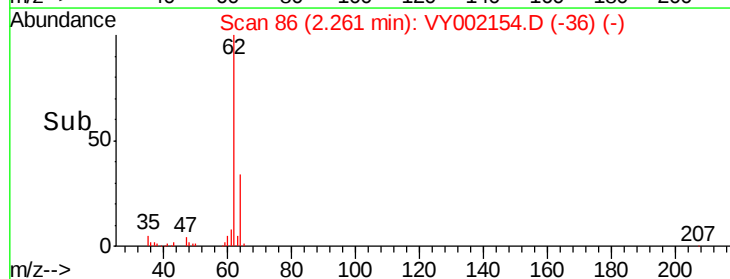
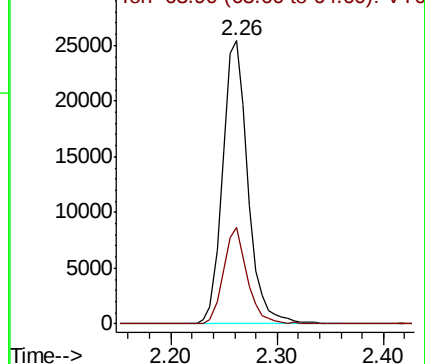
Ion Ratio Lower Upper

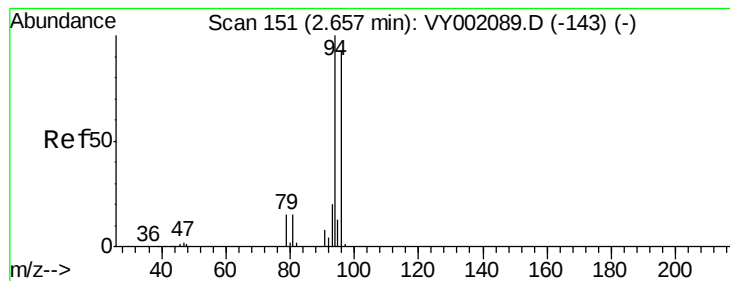
62 100

64 34.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY002154.D (-36) (-)





#5

Bromomethane

Concen: 22.928 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Instrument :

MSVOA_Y

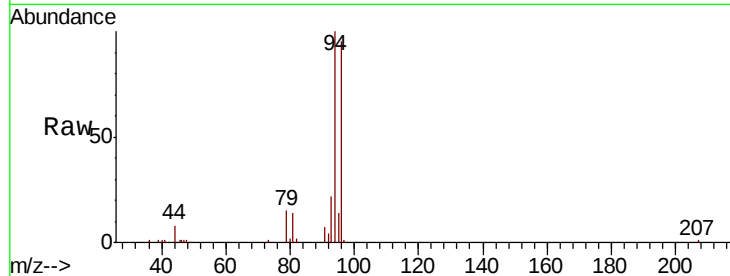
ClientSampleId :

Tot Ion: 94 Resp: 28539

Ion Ratio Lower Upper

94 100

96 94.9 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY002154.D (-102) (-)

Ion 95.90 (95.60 to 96.60): VY002154.D (-102) (-)

2.65

15000

10000

5000

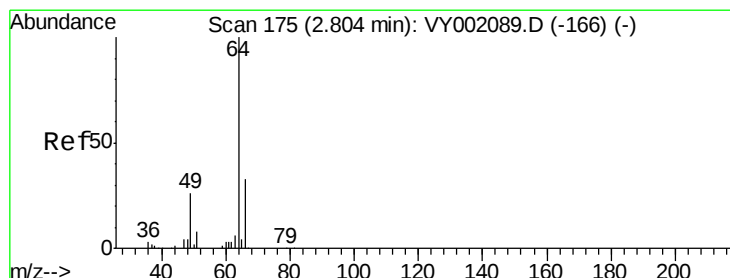
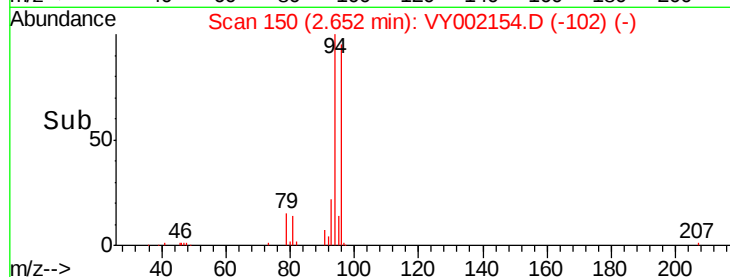
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Time-->

2.60

2.70

2.80



#6

Chloroethane

Concen: 22.076 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002154.D

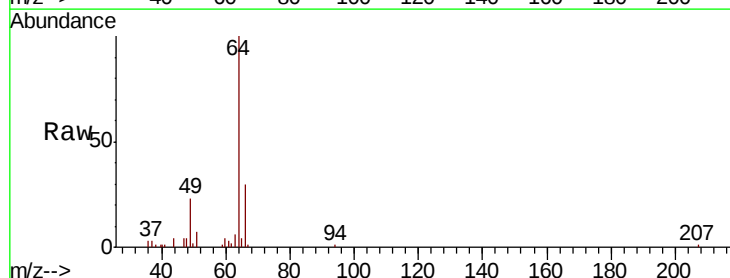
Acq: 01 Apr 2020 11:59

Tgt Ion: 64 Resp: 27037

Ion Ratio Lower Upper

64 100

66 30.0 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY002154.D (-126) (-)

Ion 65.90 (65.60 to 66.60): VY002154.D (-126) (-)

2.80

15000

10000

5000

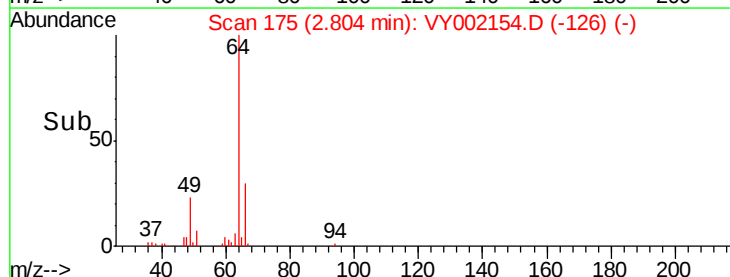
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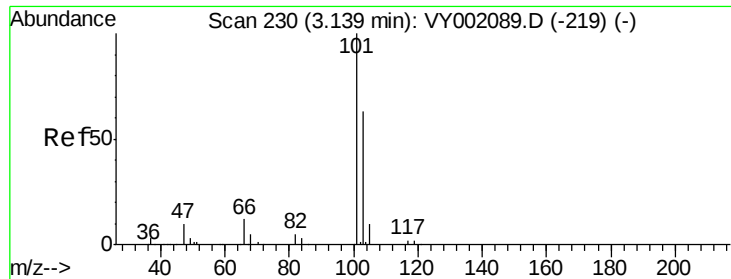
Time-->

2.70

2.80

2.90



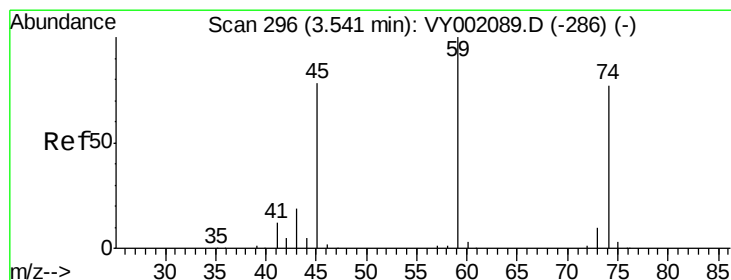
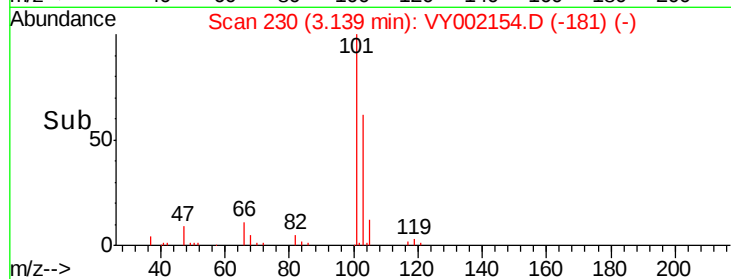
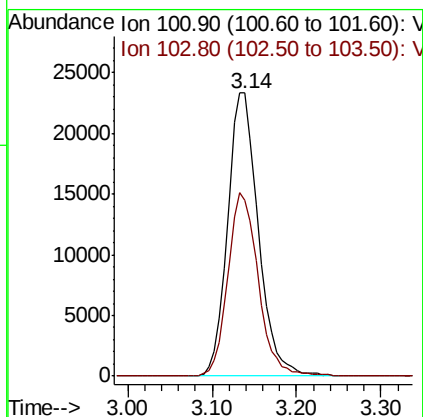
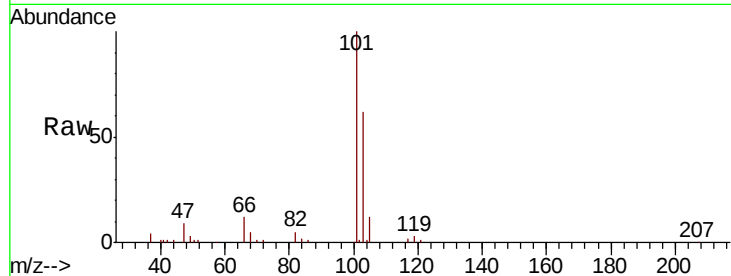


#7

Trichlorofluoromethane
 Concen: 22.088 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :

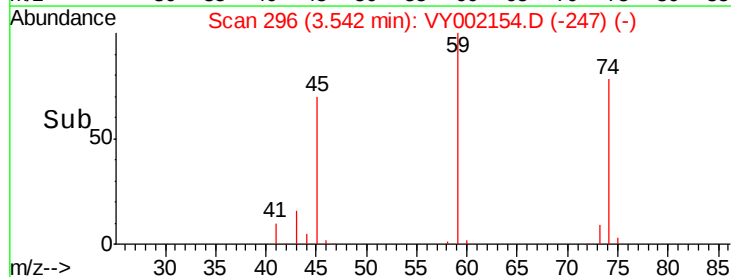
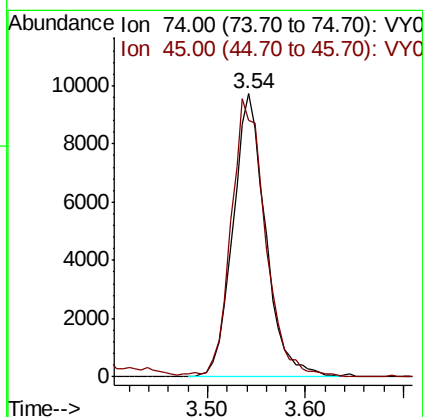
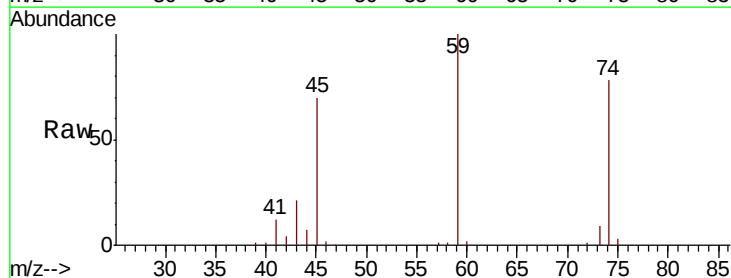
Tot Ion:101 Resp: 57733
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.6 76.0

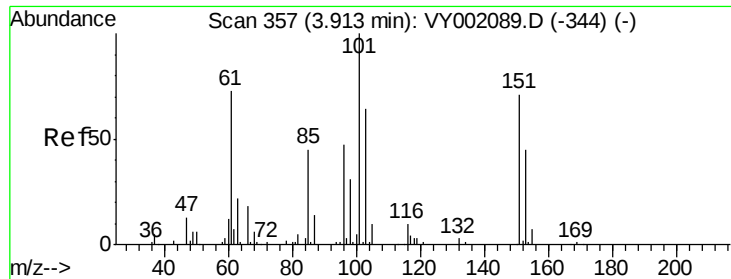


#8

Diethyl Ether
 Concen: 20.297 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

Tgt Ion: 74 Resp: 22470
 Ion Ratio Lower Upper
 74 100
 45 103.9 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.514 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

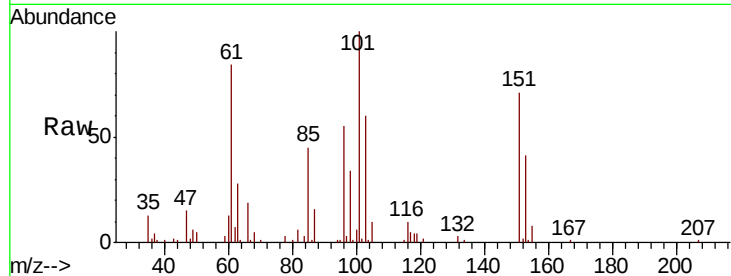
Tot Ion:101 Resp: 36894

Ion Ratio Lower Upper

101 100

85 44.6 35.9 53.9

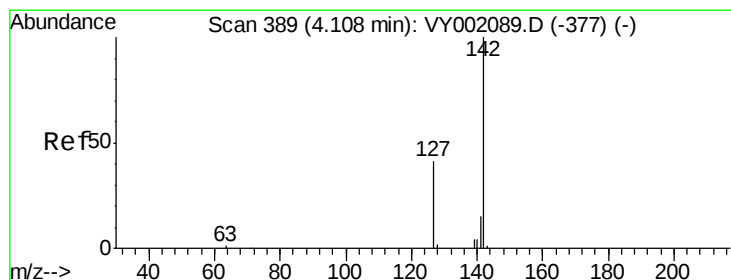
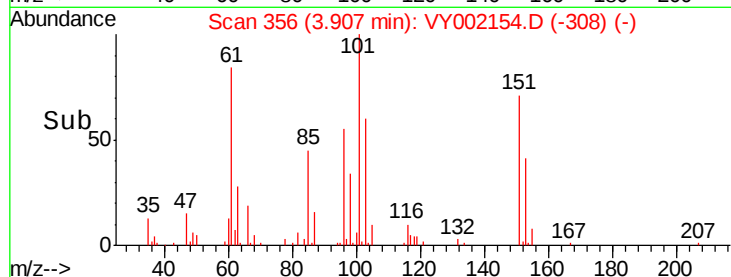
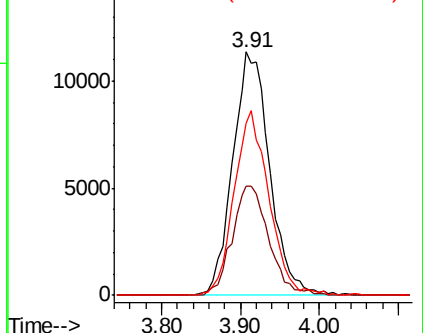
151 71.6 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.139 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.01 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

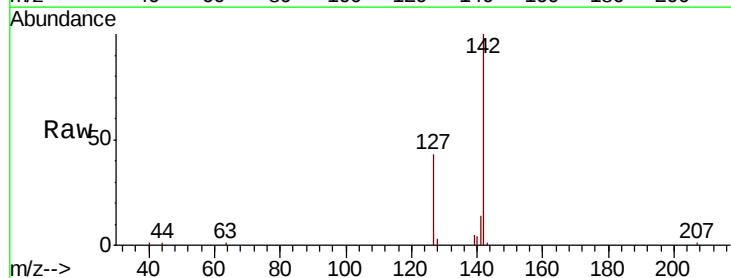
Tgt Ion:142 Resp: 39027

Ion Ratio Lower Upper

142 100

127 41.0 32.6 49.0

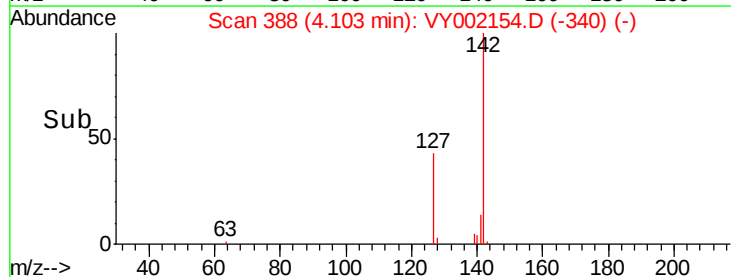
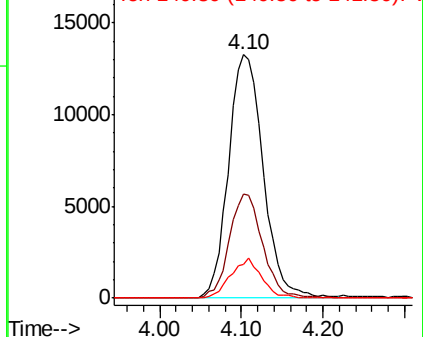
141 14.4 11.4 17.0

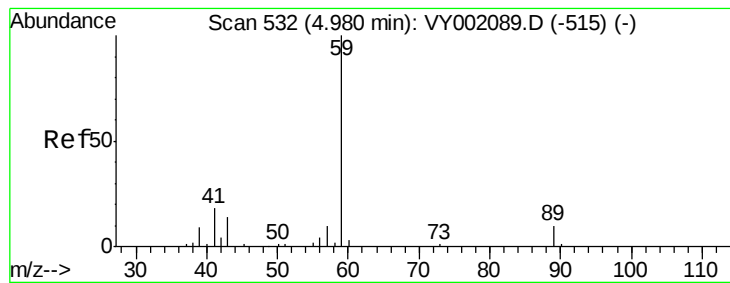


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



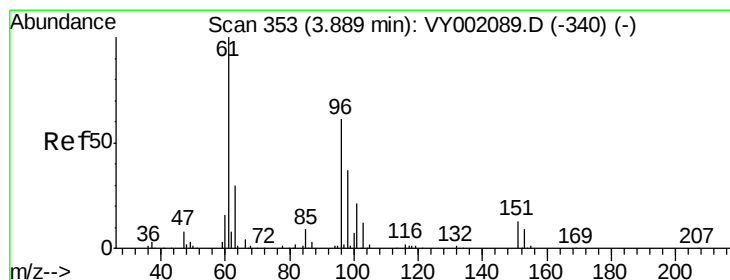
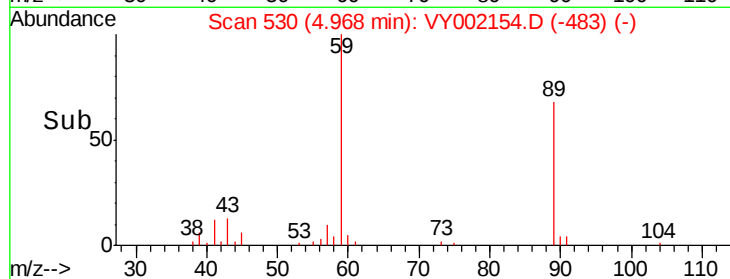
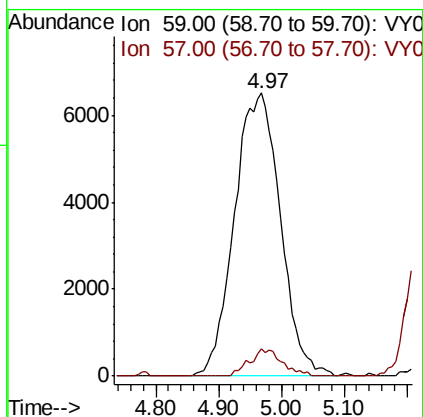
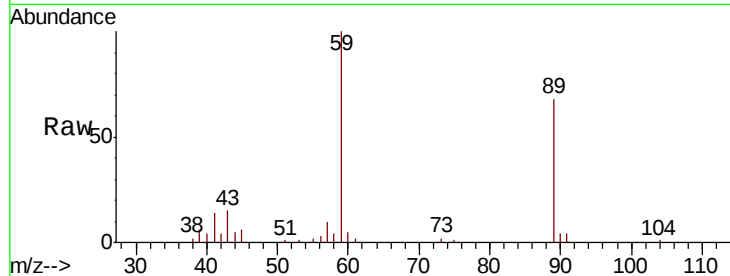


#11

Tert butyl alcohol
 Concen: 157.811 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampled :

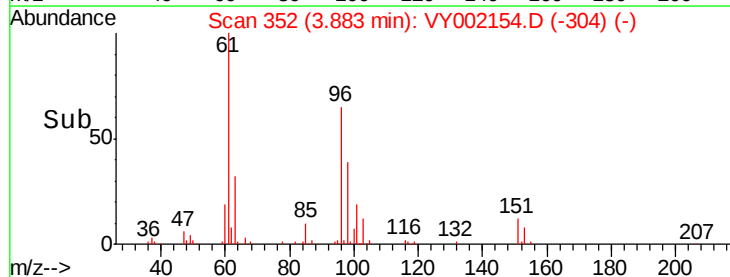
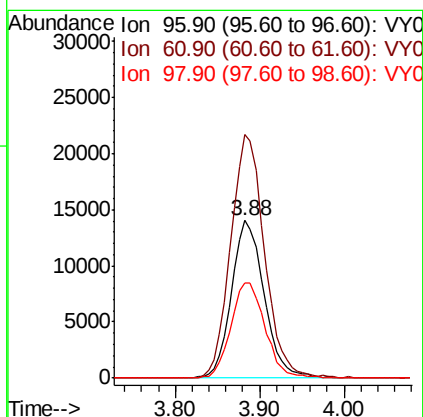
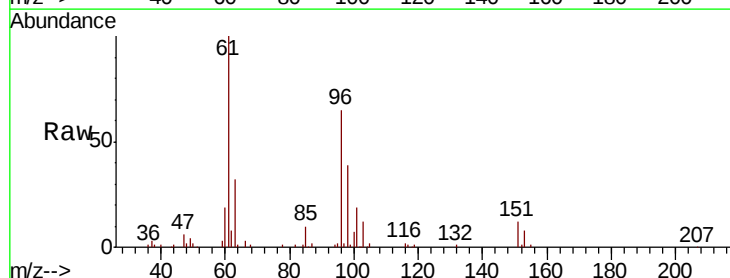
Tot Ion: 59 Resp: 32992
 Ion Ratio Lower Upper
 59 100
 57 6.8 7.7 11.5#

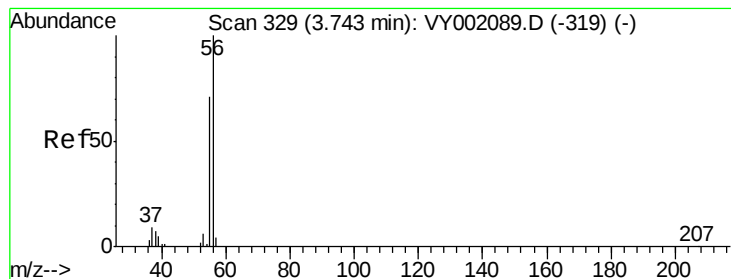


#12

1,1-Dichloroethene
 Concen: 21.224 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

Tgt Ion: 96 Resp: 36958
 Ion Ratio Lower Upper
 96 100
 61 154.7 132.0 198.0
 98 60.8 49.4 74.0





#13

Acrolein

Concen: 85.850 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Instrument :

MSVOA_Y

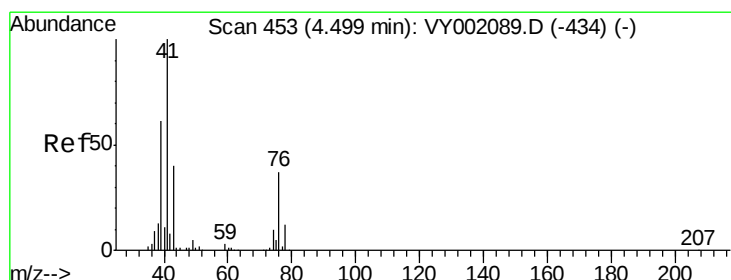
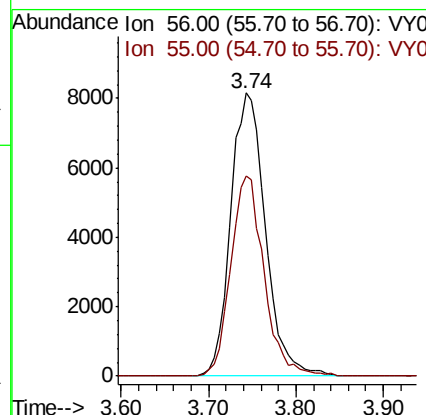
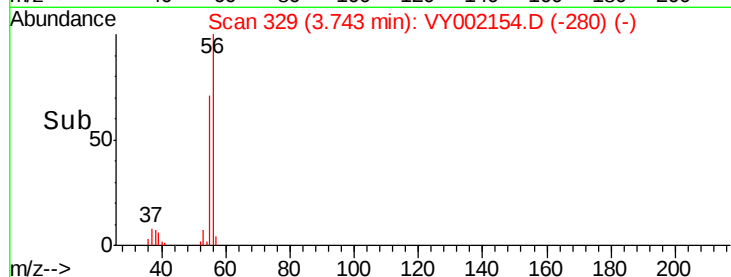
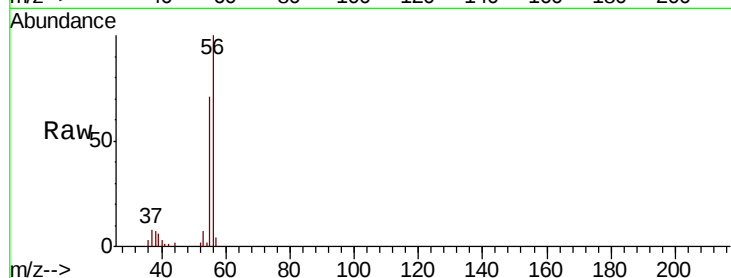
ClientSampleId :

Tot Ion: 56 Resp: 22432

Ion Ratio Lower Upper

56 100

55 67.9 56.5 84.7



#14

Allyl chloride

Concen: 20.350 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

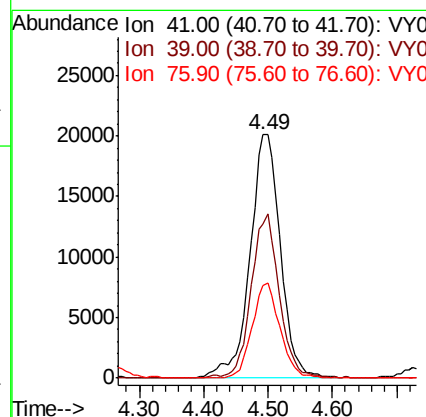
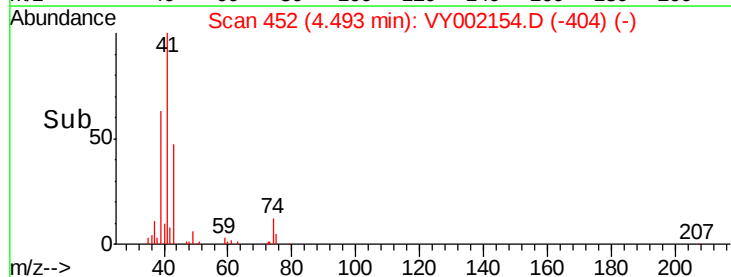
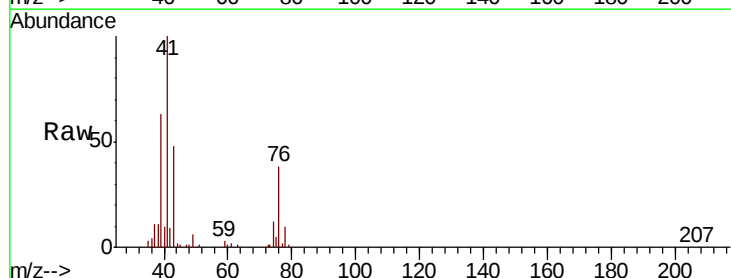
Tgt Ion: 41 Resp: 64872

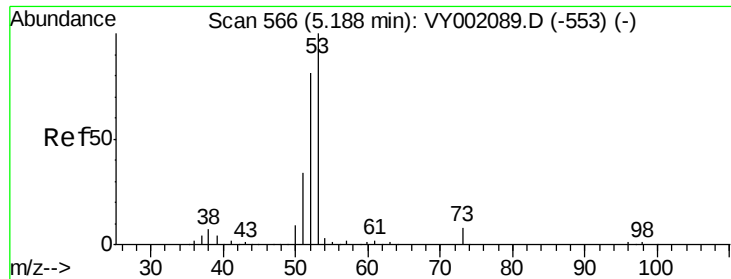
Ion Ratio Lower Upper

41 100

39 62.4 49.0 73.4

76 35.6 27.8 41.8





#15

Acrylonitrile

Concen: 103.781 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.01 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

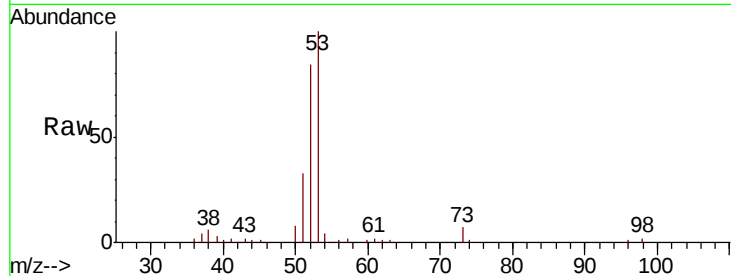
Tot Ion: 53 Resp: 60219

Ion Ratio Lower Upper

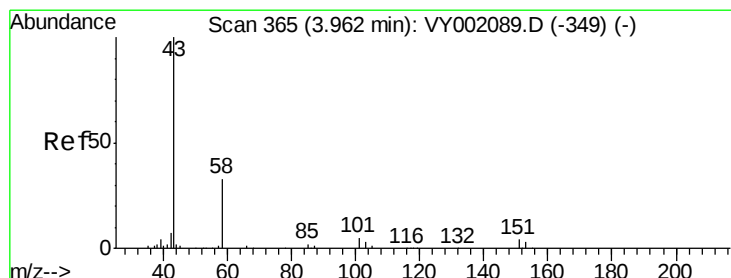
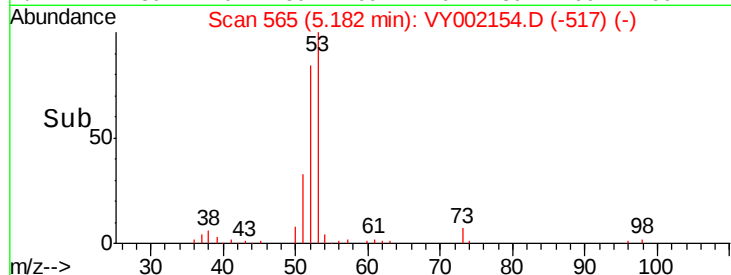
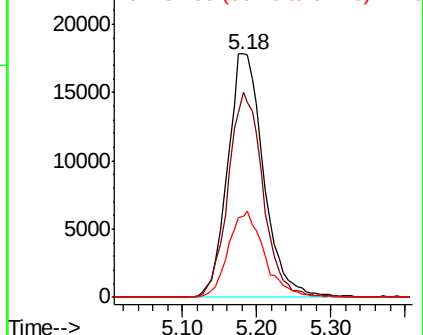
53 100

52 81.7 64.6 97.0

51 35.4 27.9 41.9



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



#16

Acetone

Concen: 102.294 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002154.D

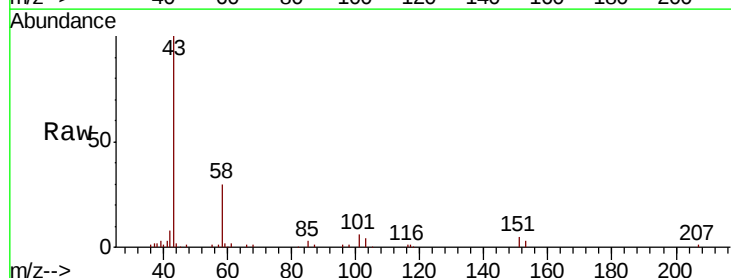
Acq: 01 Apr 2020 11:59

Tgt Ion: 43 Resp: 50985

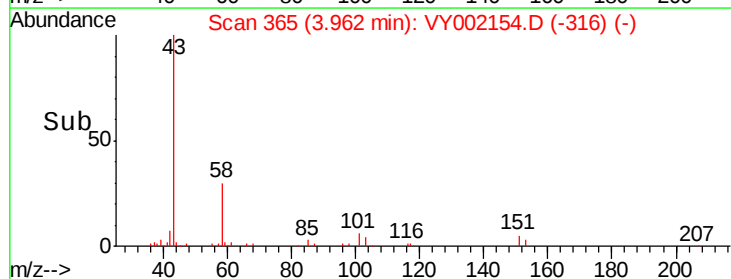
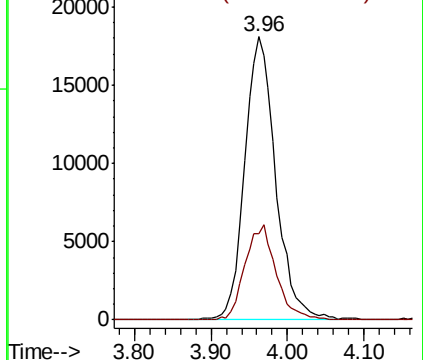
Ion Ratio Lower Upper

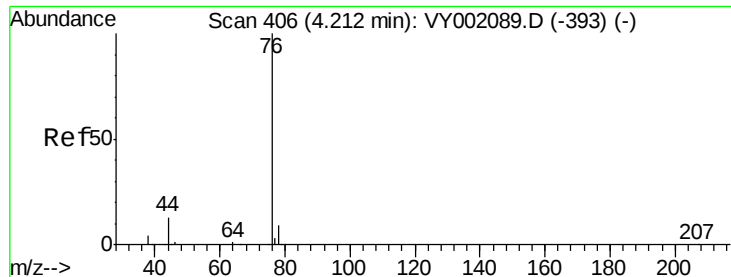
43 100

58 30.5 26.3 39.5



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

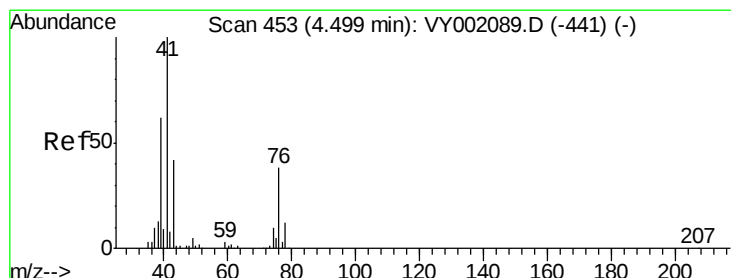
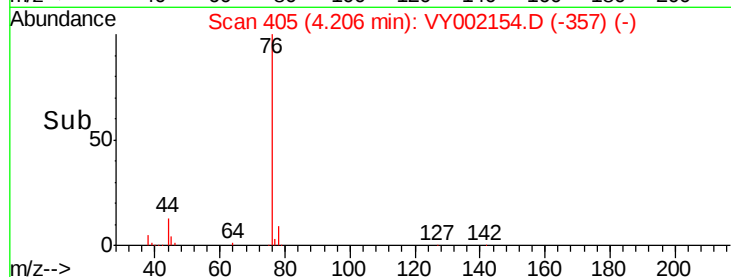
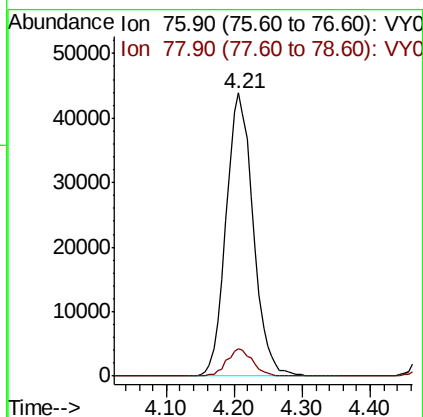
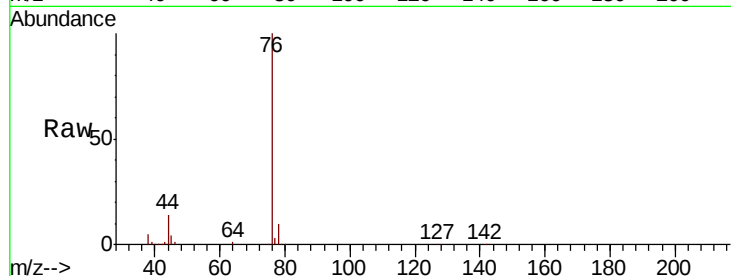




#17
Carbon Disulfide
Concen: 20.986 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

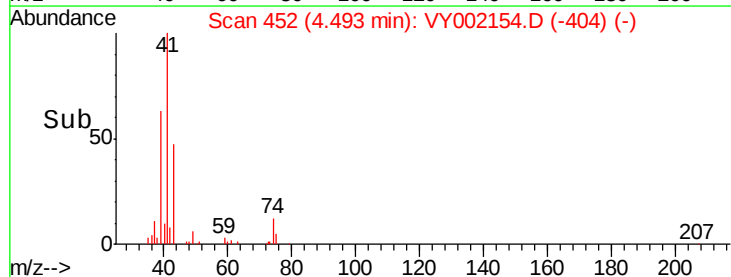
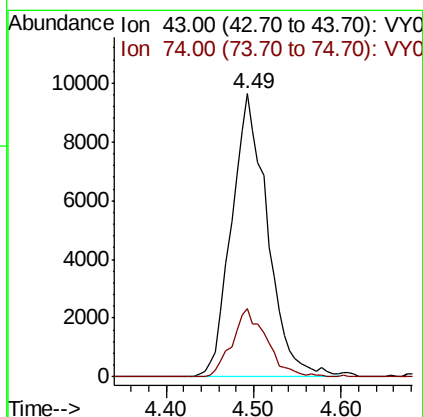
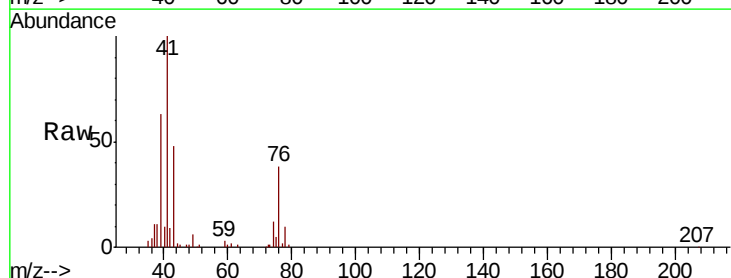
Instrument :
MSVOA_Y
ClientSampleId :

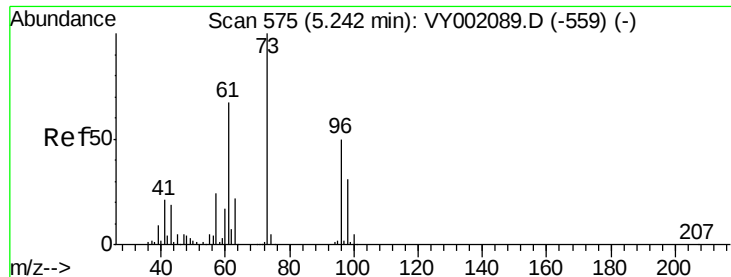
Tot Ion: 76 Resp: 121276
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 21.319 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.01 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Tgt Ion: 43 Resp: 27592
Ion Ratio Lower Upper
43 100
74 23.4 18.3 27.5

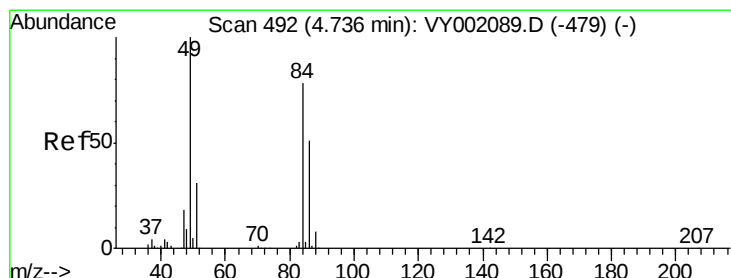
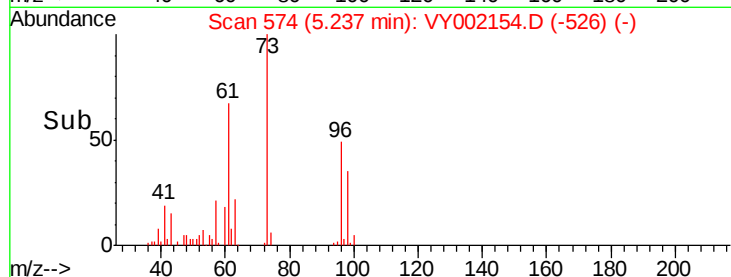
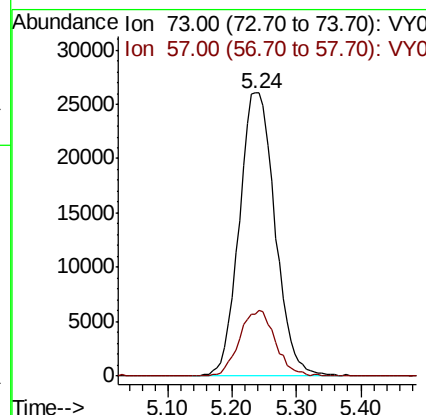
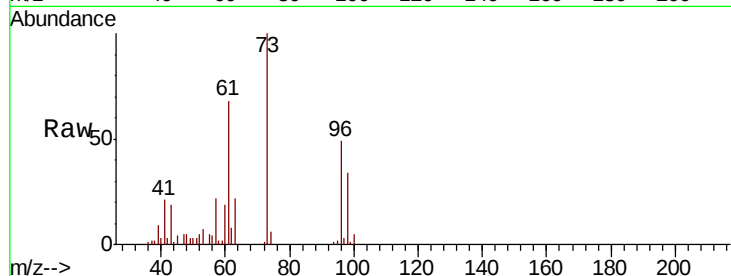




#19
Methvl tert-butvl Ether
Concen: 20.601 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.01 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

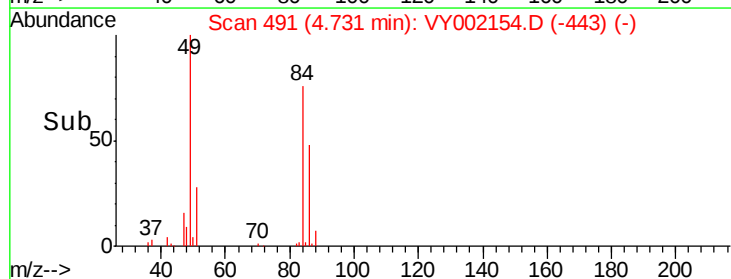
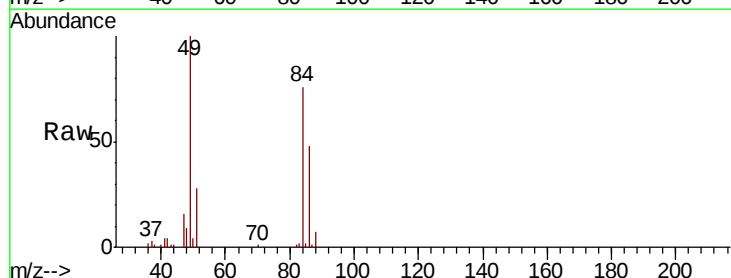
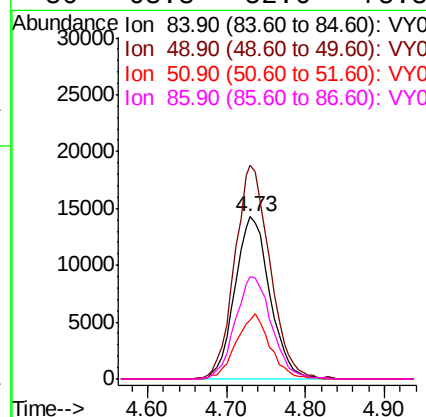
Instrument :
MSVOA_Y
ClientSampleId :

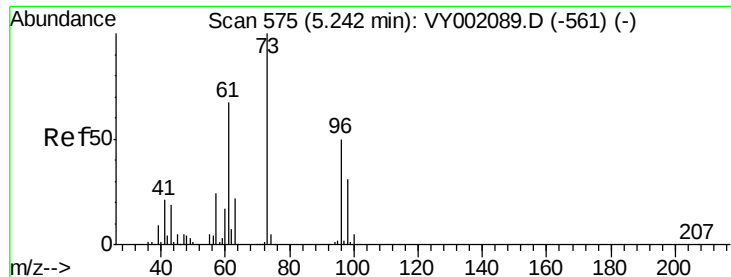
Tot Ion: 73 Resp: 100072
Ion Ratio Lower Upper
73 100
57 22.1 19.0 28.6



#20
Methylene Chloride
Concen: 18.040 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Tgt Ion: 84 Resp: 43983
Ion Ratio Lower Upper
84 100
49 131.4 102.2 153.4
51 36.6 31.2 46.8
86 63.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.403 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

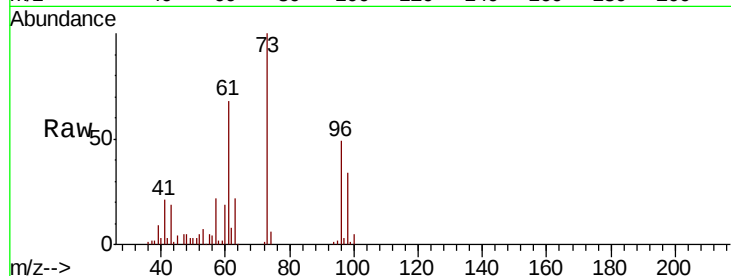
Tot Ion: 96 Resp: 40452

Ion Ratio Lower Upper

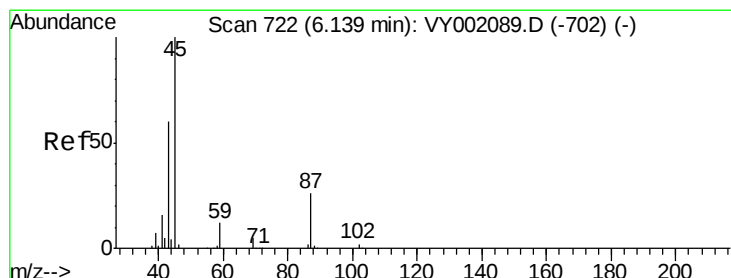
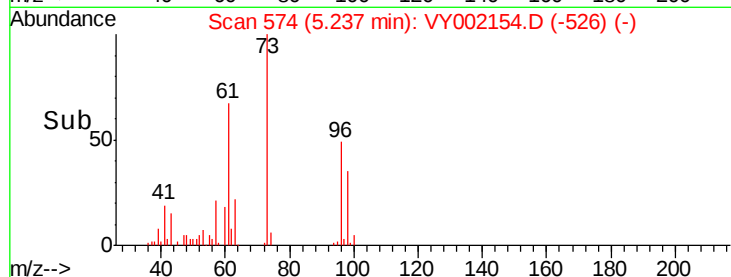
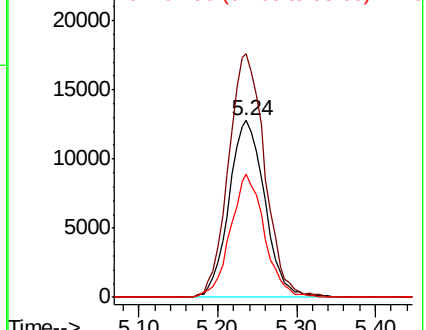
96 100

61 138.0 107.7 161.5

98 70.2 50.5 75.7



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



#22

Diisopropyl ether

Concen: 20.326 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Tgt Ion: 45 Resp: 132600

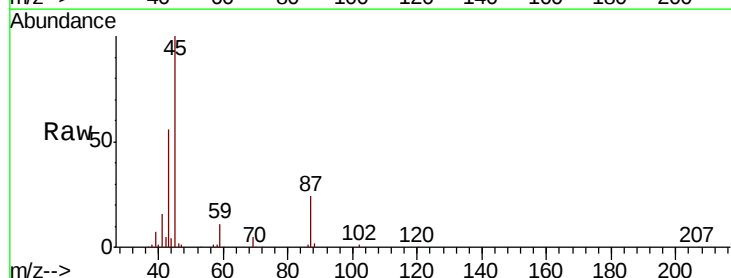
Ion Ratio Lower Upper

45 100

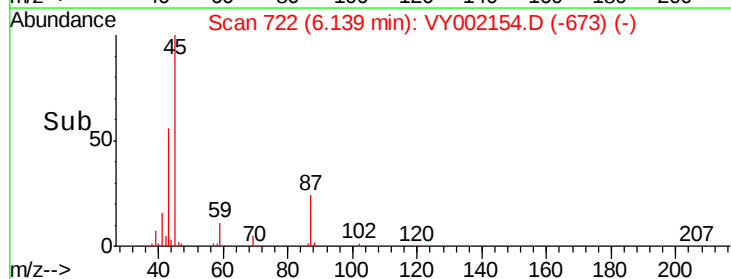
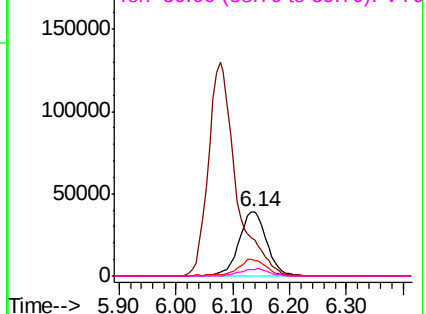
43 55.5 48.1 72.1

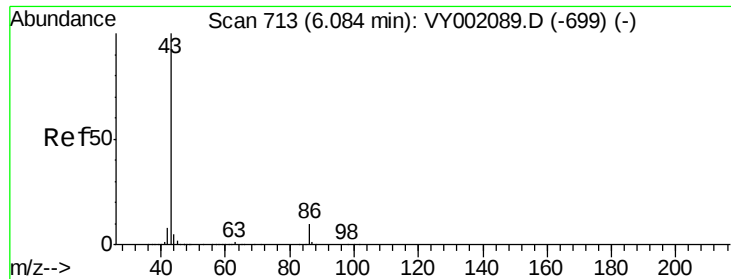
87 24.2 21.1 31.7

59 10.9 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 102.176 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

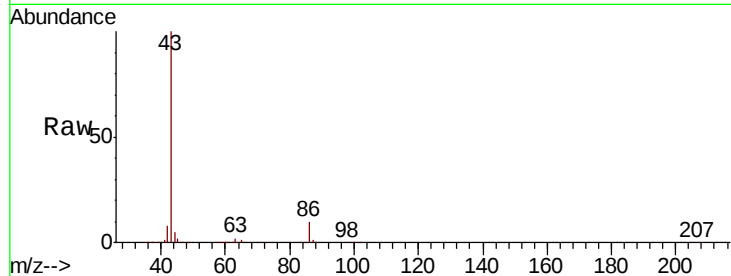
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 437091

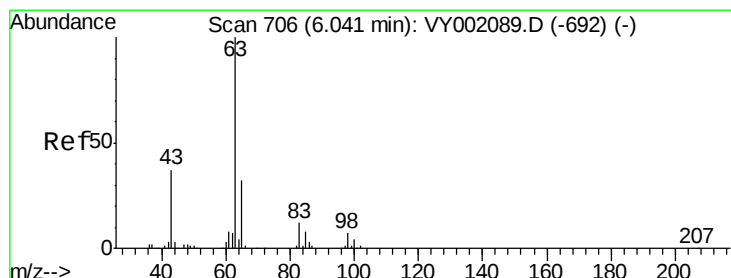
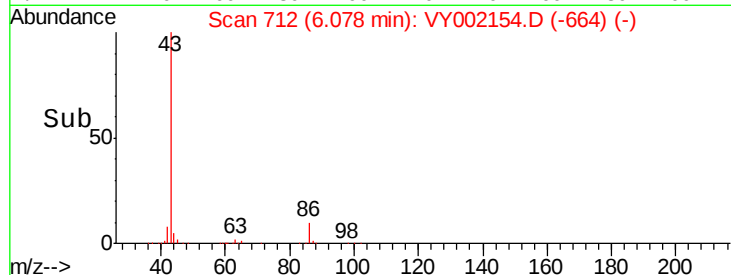
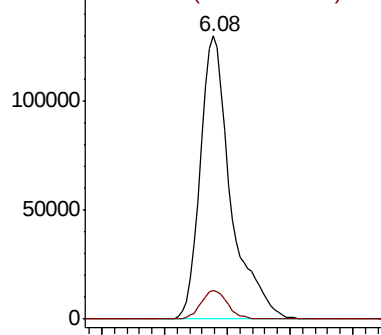
Ion Ratio Lower Upper

43 100

86 10.3 7.9 11.9



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



#24

1,1-Dichloroethane

Concen: 20.742 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

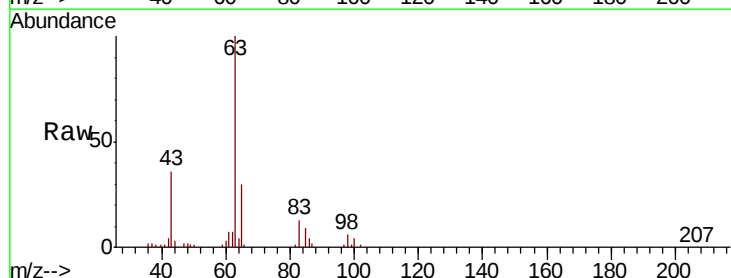
Tgt Ion: 63 Resp: 71945

Ion Ratio Lower Upper

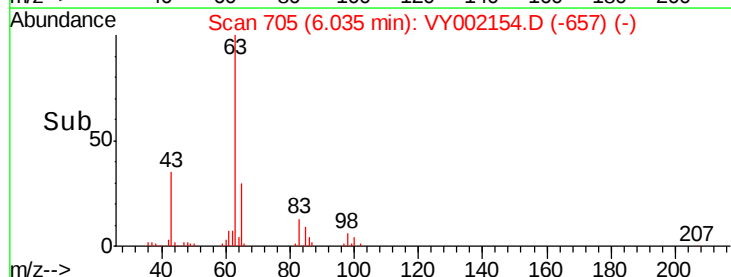
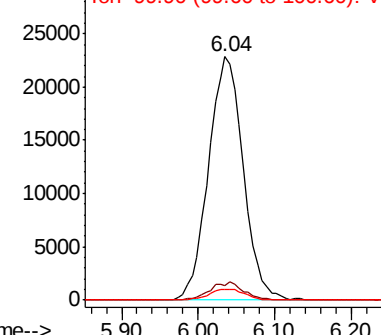
63 100

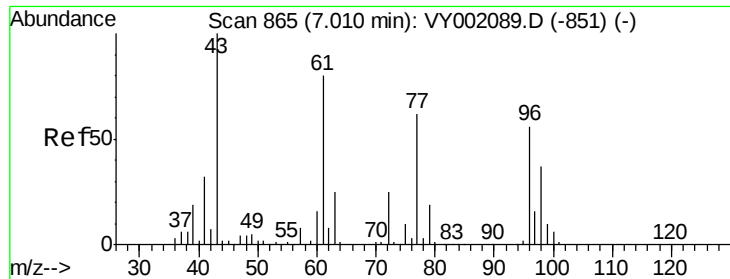
98 6.2 3.3 9.9

100 4.3 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 101.234 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

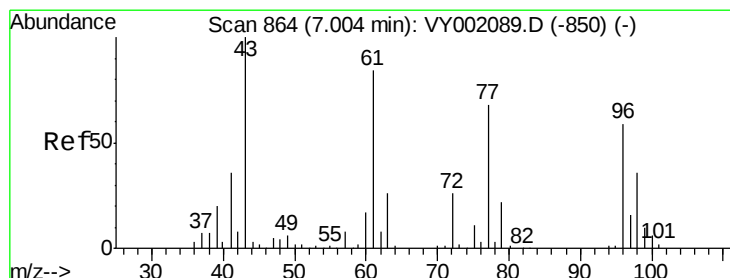
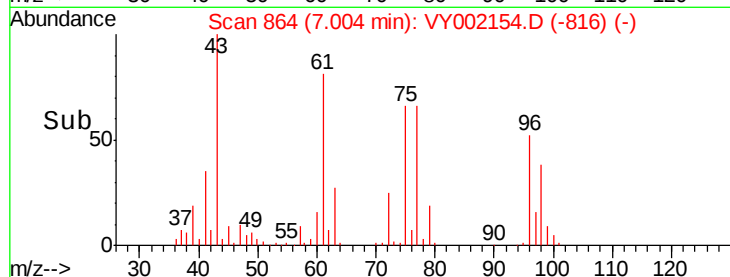
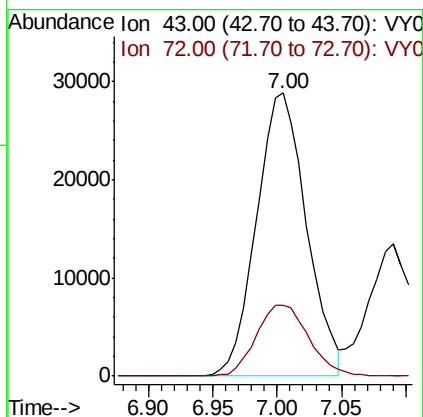
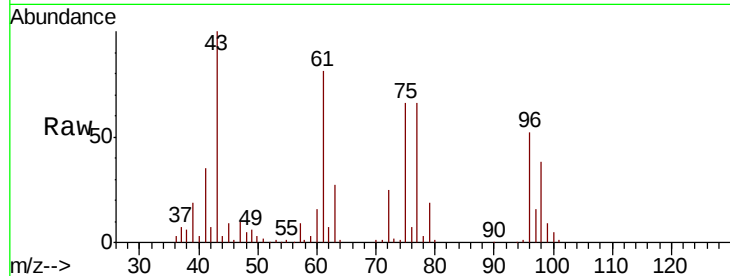
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 77476

Ion Ratio Lower Upper

43 100

72 25.2 20.2 30.2



#26

2,2-Dichloropropane

Concen: 21.190 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002154.D

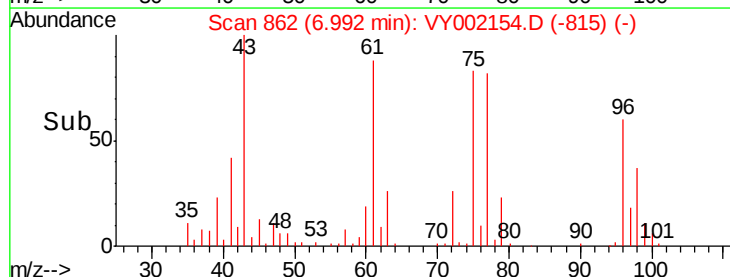
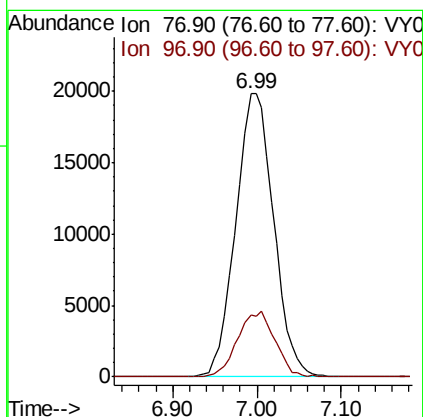
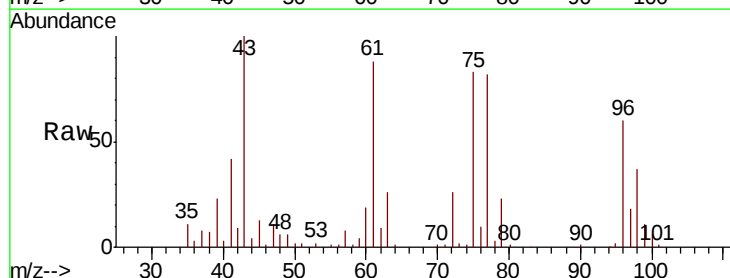
Acq: 01 Apr 2020 11:59

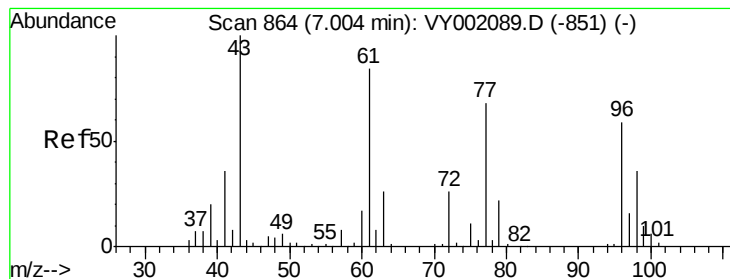
Tgt Ion: 77 Resp: 60535

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.1



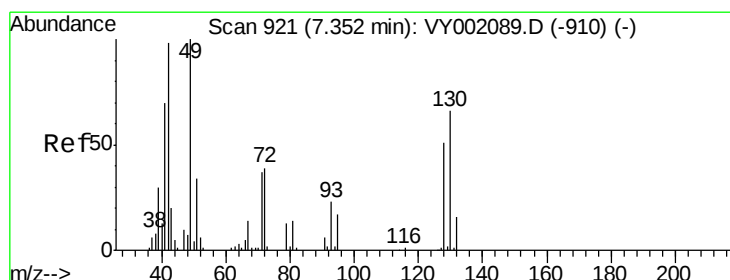
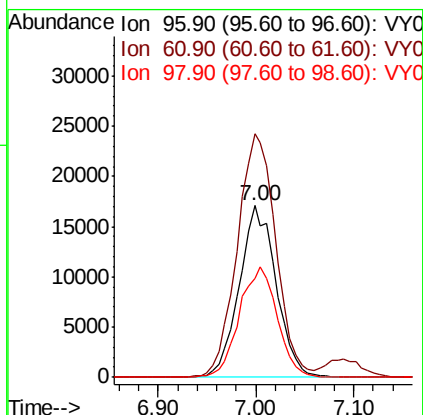
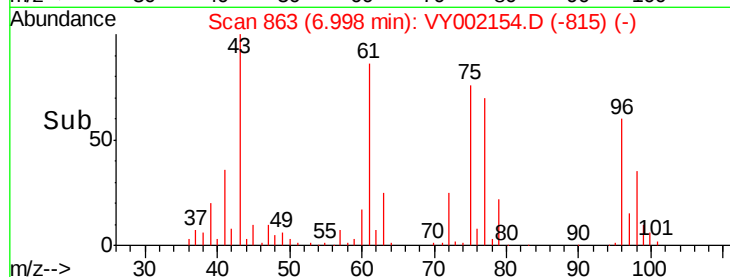
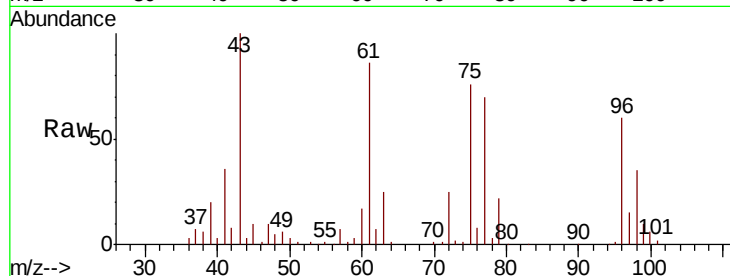


#27

cis-1,2-Dichloroethene
Concen: 20.535 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :

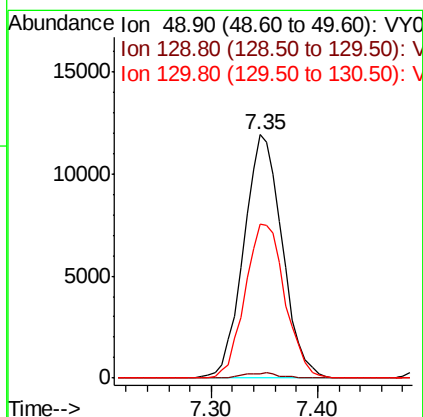
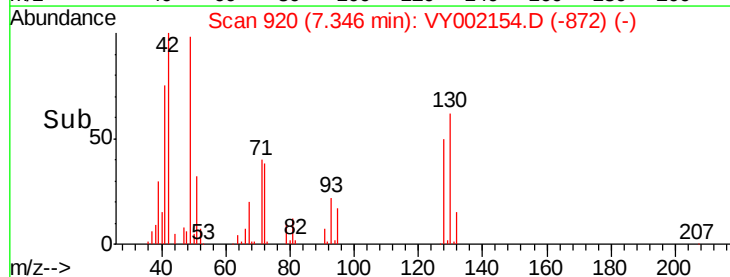
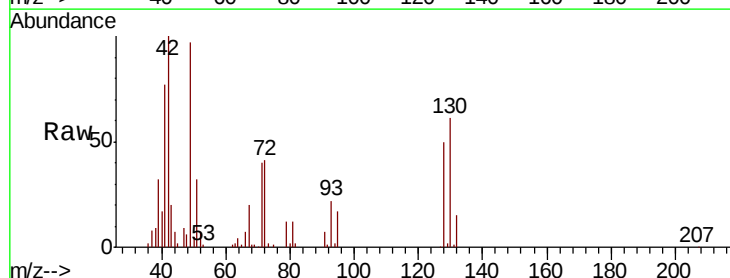
Tot Ion: 96 Resp: 44790
Ion Ratio Lower Upper
96 100
61 148.6 0.0 290.6
98 65.8 0.0 128.0

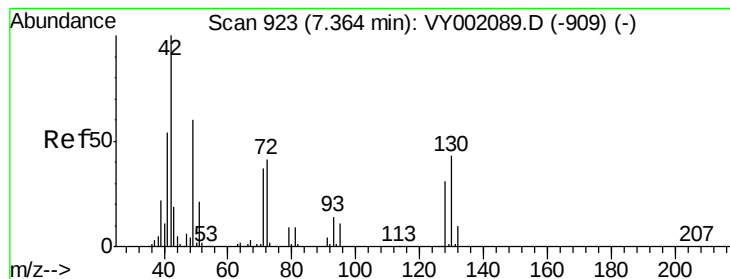


#28

Bromochloromethane
Concen: 19.085 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Tgt Ion: 49 Resp: 30222
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.4
130 65.5 54.1 81.1





#29

Tetrahydrofuran

Concen: 102.268 ug/l

RT: 7.36 min Scan# 923

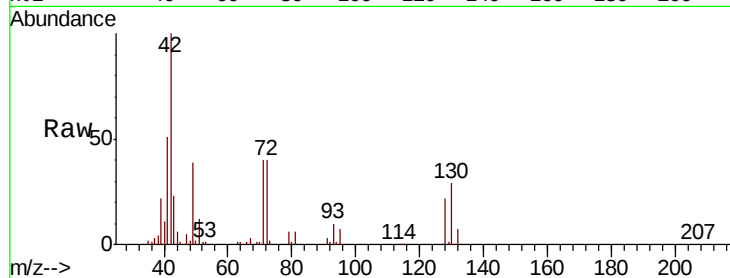
Delta R.T. 0.00 min

Lab File: VY002154.D

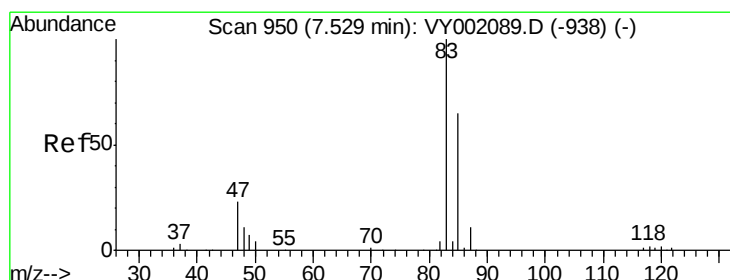
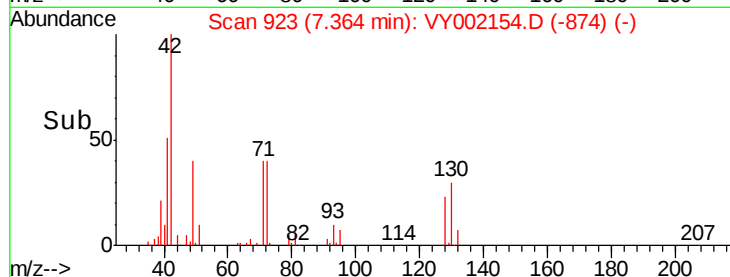
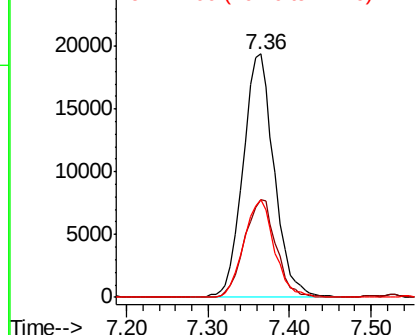
Acq: 01 Apr 2020 11:59

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	42	Resp:	51315
Ion	Ratio	Lower	Upper
42	100		
72	41.0	33.0	49.4
71	39.5	31.2	46.8



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



#30

Chloroform

Concen: 20.376 ug/l

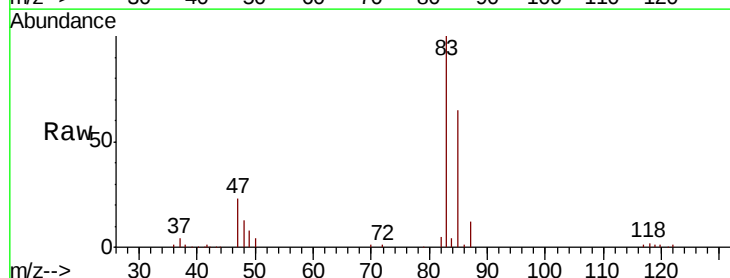
RT: 7.52 min Scan# 949

Delta R.T. -0.01 min

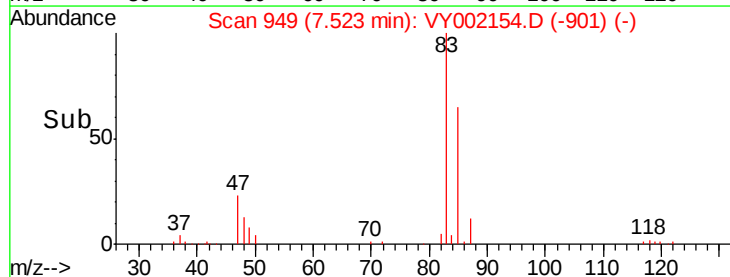
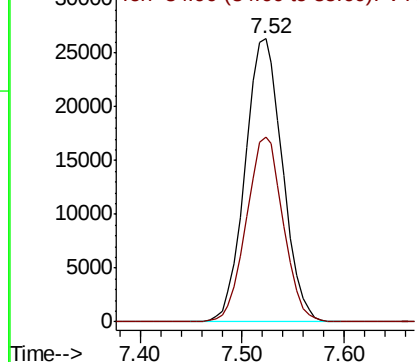
Lab File: VY002154.D

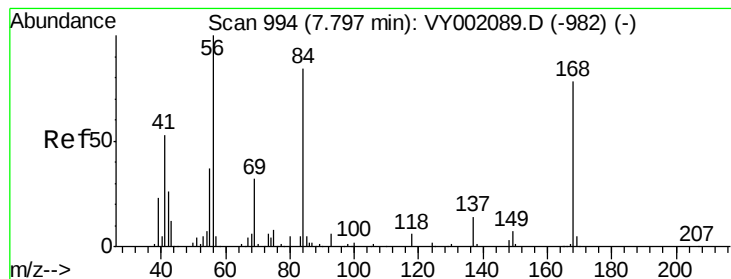
Acq: 01 Apr 2020 11:59

Tgt Ion:	83	Resp:	66993
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.4	78.6



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





#31

Cyclohexane

Concen: 21.005 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :

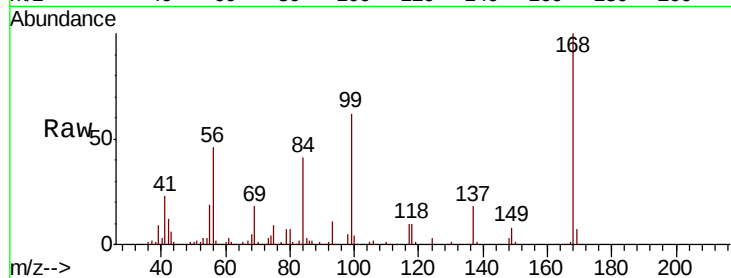
Tot Ion: 56 Resp: 77636

Ion Ratio Lower Upper

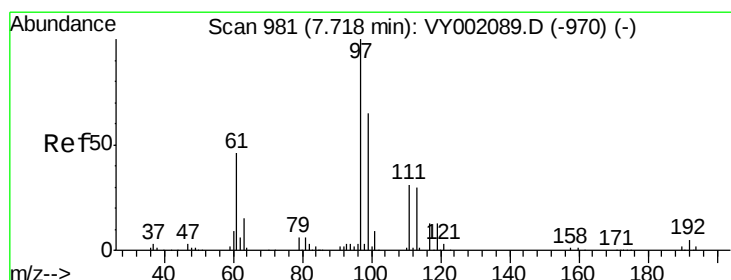
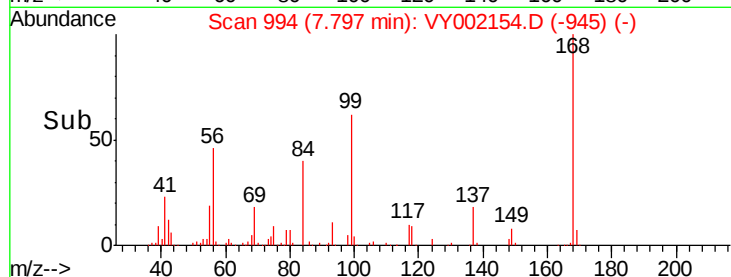
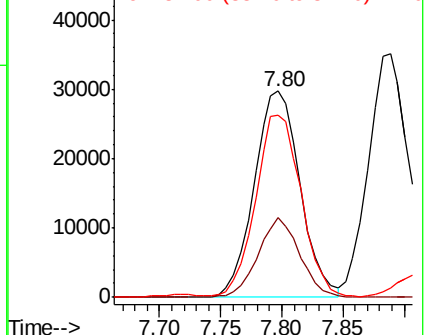
56 100

69 38.4 25.8 38.8

84 87.3 67.1 100.7



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



#32

1,1,1-Trichloroethane

Concen: 20.778 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

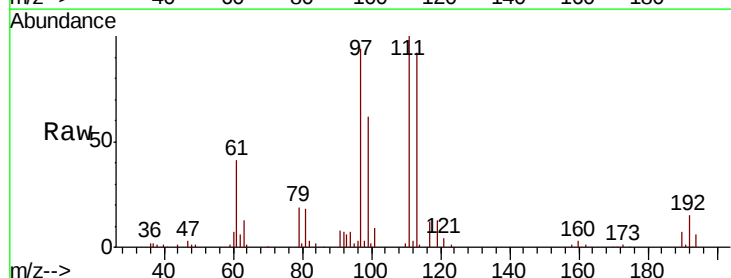
Tgt Ion: 97 Resp: 57036

Ion Ratio Lower Upper

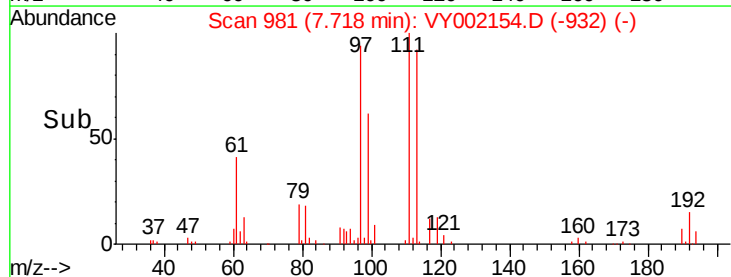
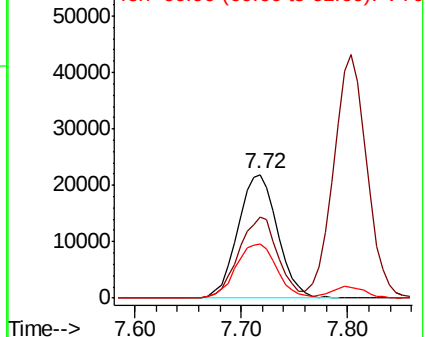
97 100

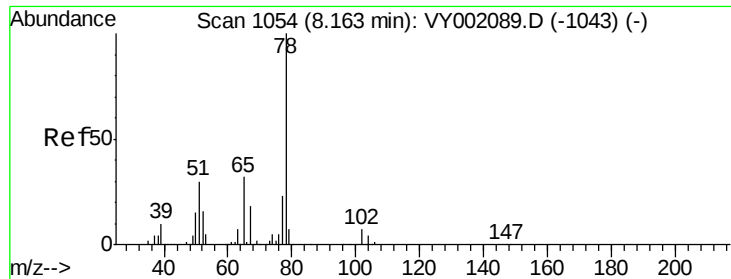
99 64.1 52.0 78.0

61 45.2 35.7 53.5



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





#33

1,2-Dichloroethane-d4

Concen: 47.006 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

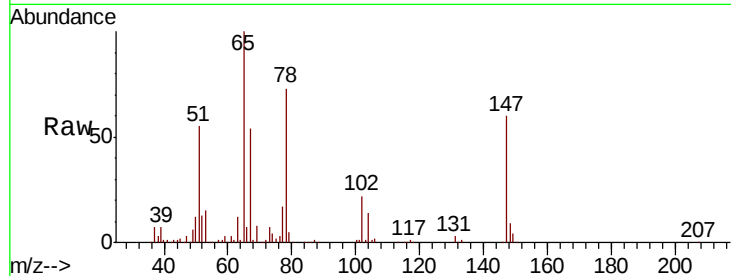
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 83390

Ion Ratio Lower Upper

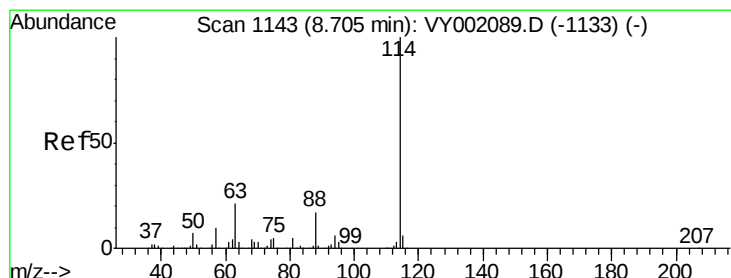
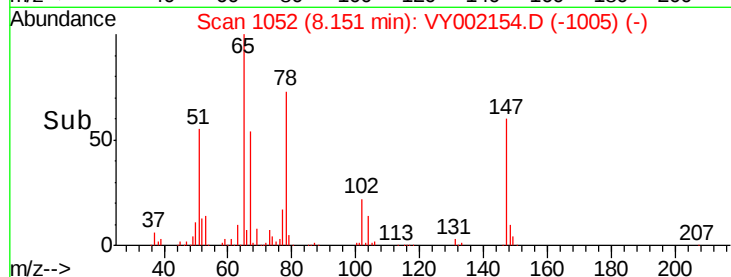
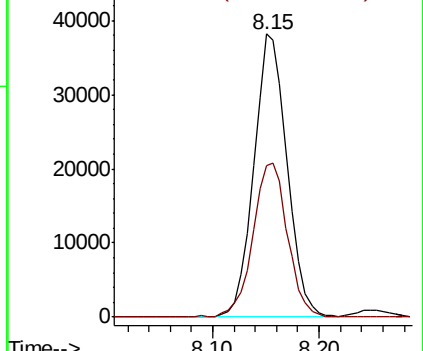
65 100

67 56.7 0.0 112.8



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: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

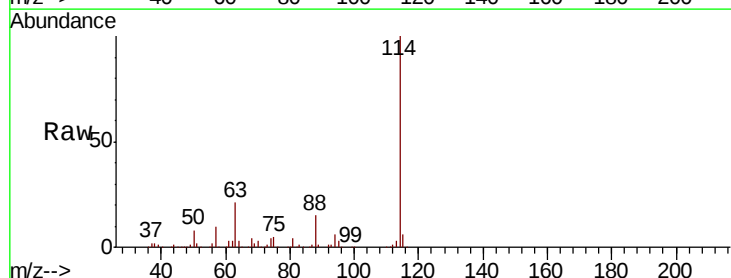
Tgt Ion: 114 Resp: 291120

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

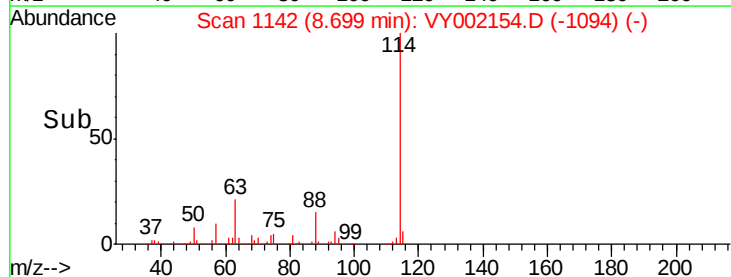
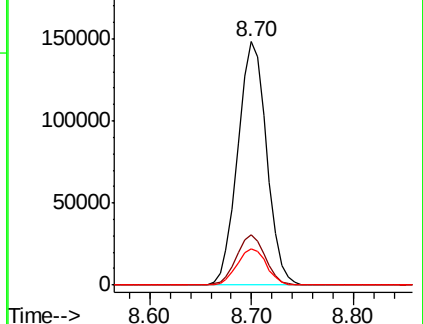
88 15.1 0.0 33.0

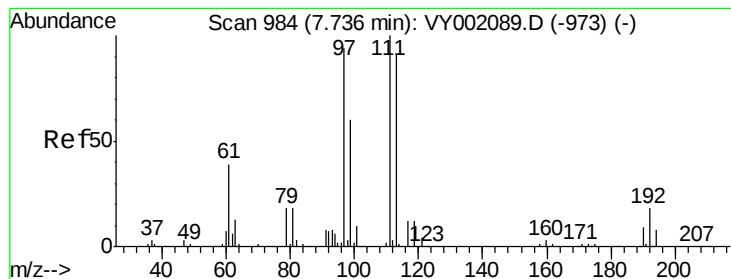


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 47.112 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

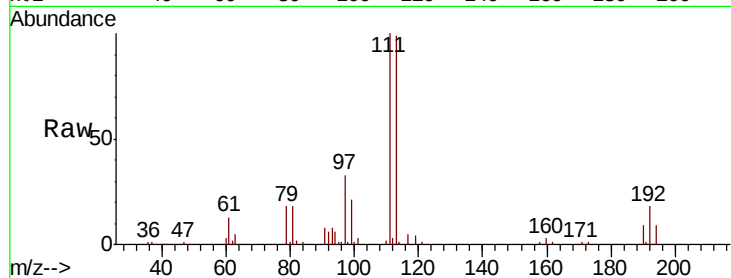
Tot Ion:113 Resp: 76848

Ion Ratio Lower Upper

113 100

111 104.8 84.4 126.6

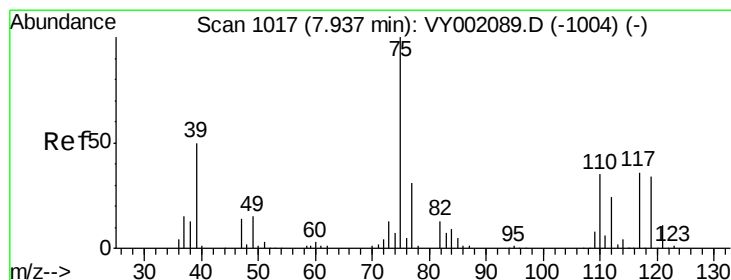
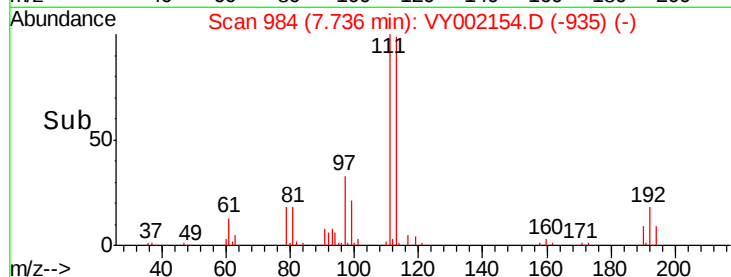
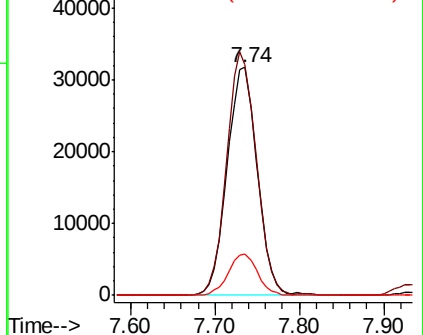
192 17.6 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.949 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

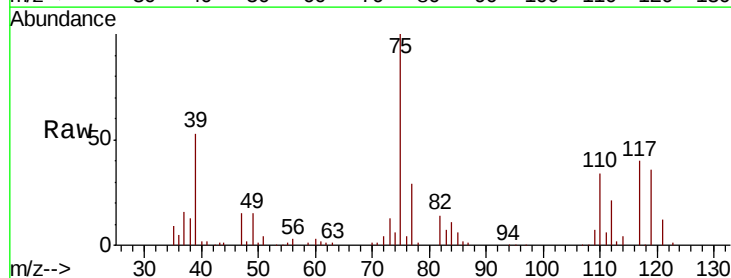
Tgt Ion: 75 Resp: 57685

Ion Ratio Lower Upper

75 100

110 33.9 17.2 51.6

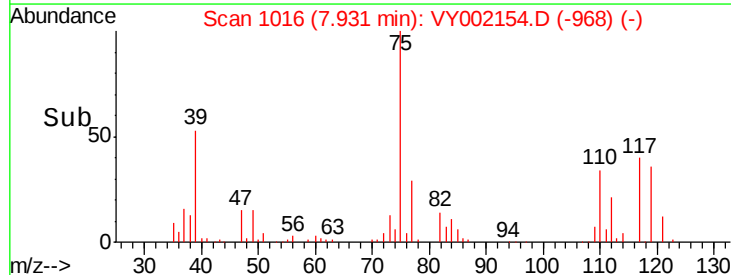
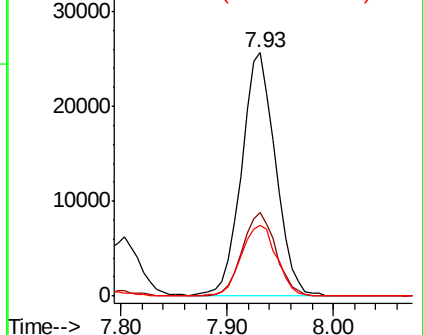
77 30.2 24.7 37.1

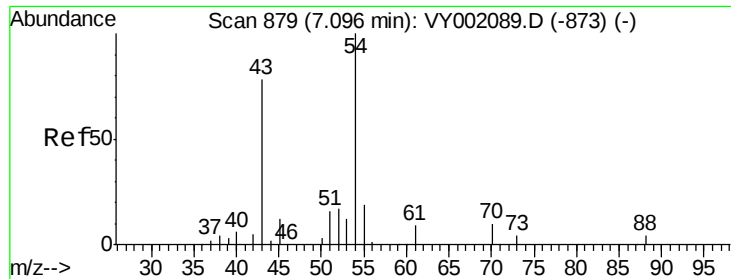


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

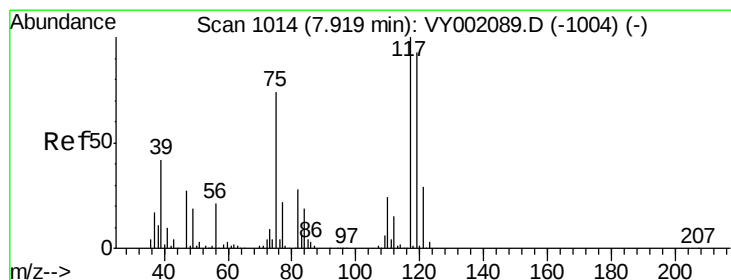
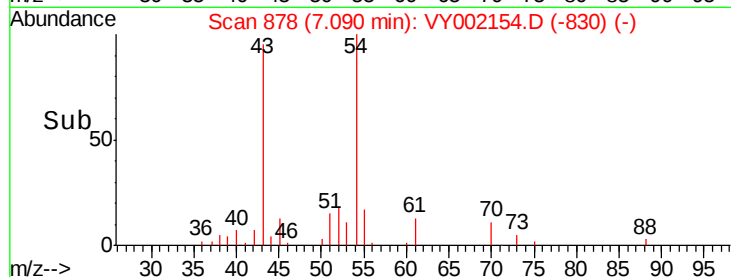
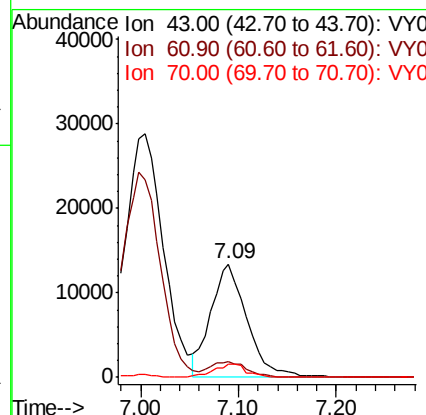
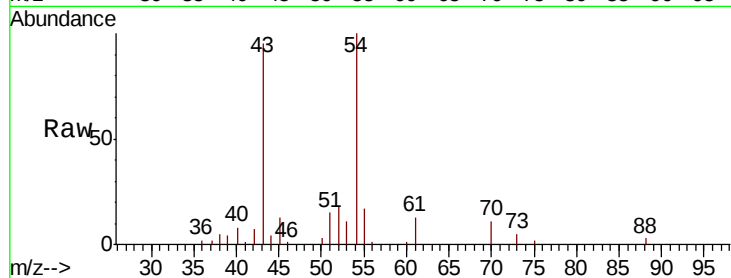




#37
Ethyl Acetate
Concen: 20.656 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

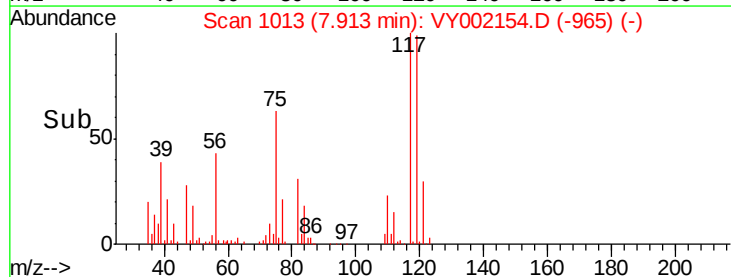
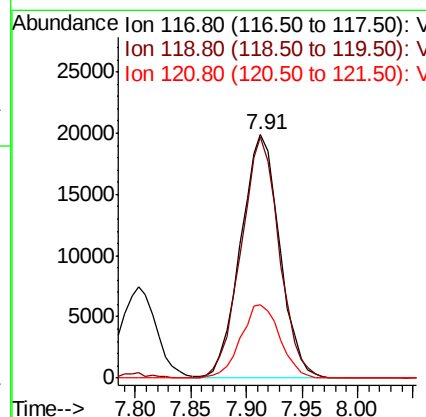
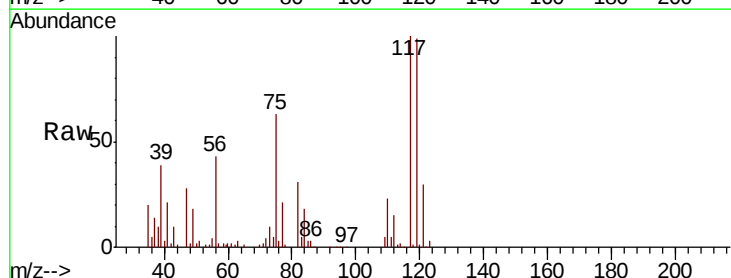
Instrument :
MSVOA_Y
ClientSampleID :

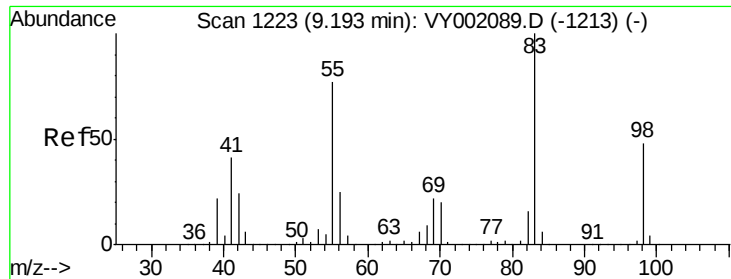
Tot Ion: 43 Resp: 34372
Ion Ratio Lower Upper
43 100
61 14.1 11.2 16.8
70 10.8 8.2 12.4



#38
Carbon Tetrachloride
Concen: 20.715 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Tgt Ion: 117 Resp: 48394
Ion Ratio Lower Upper
117 100
119 98.8 74.3 111.5
121 30.0 23.3 34.9

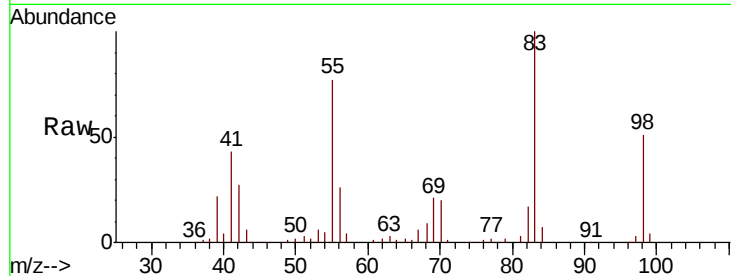




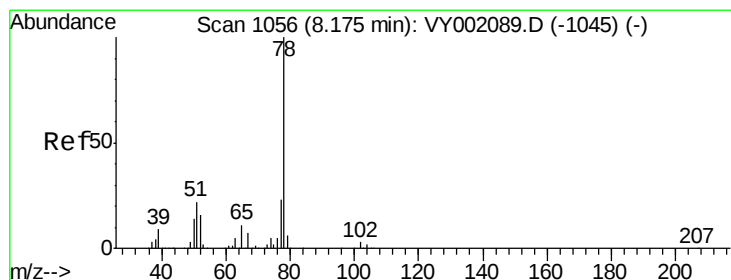
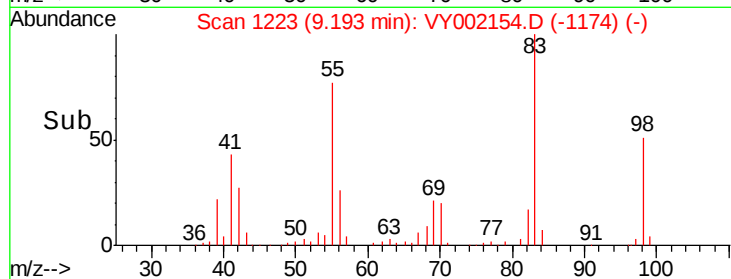
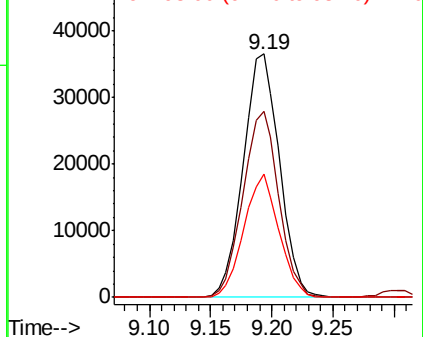
#39
Methvlcvclohexane
Concen: 20.874 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 75395
Ion Ratio Lower Upper
83 100
55 76.6 61.2 91.8
98 50.5 38.2 57.2

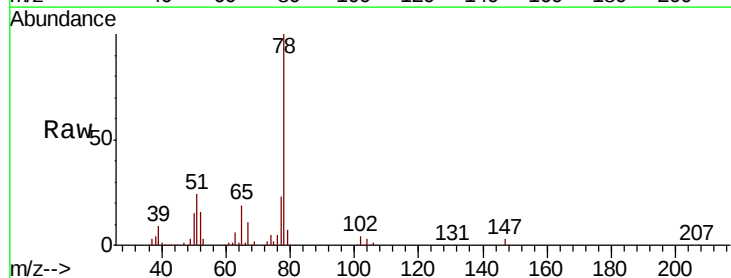


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

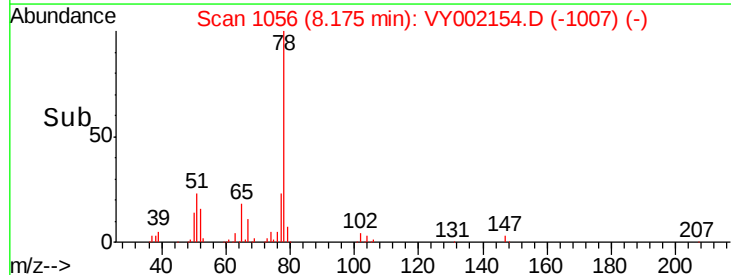
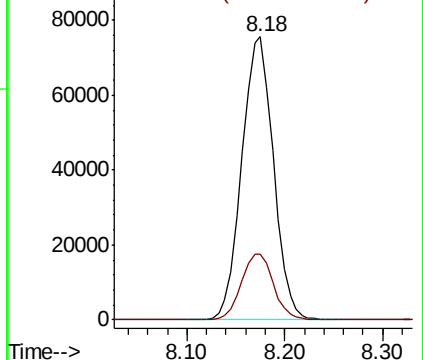


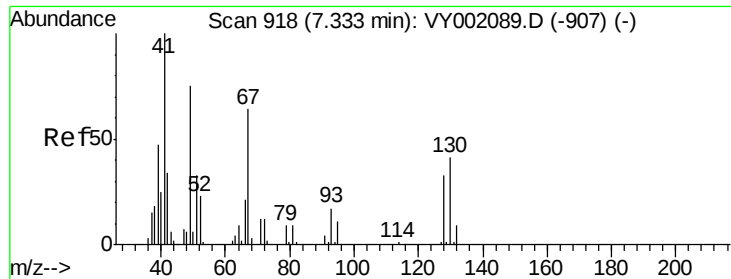
#40
Benzene
Concen: 20.762 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Tgt Ion: 78 Resp: 169341
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.4



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

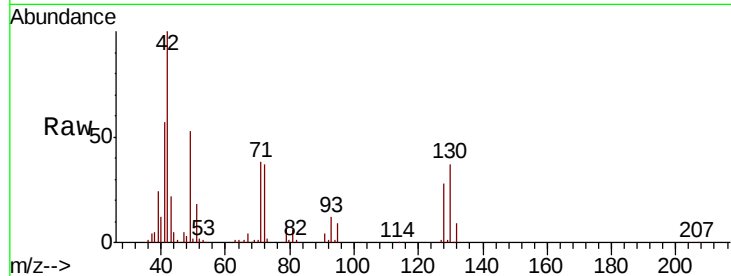




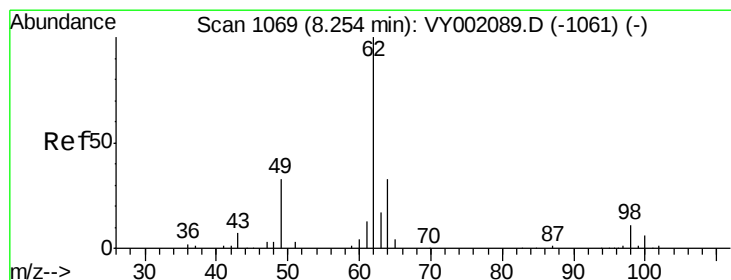
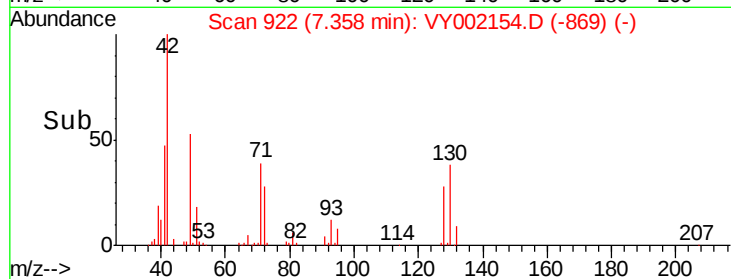
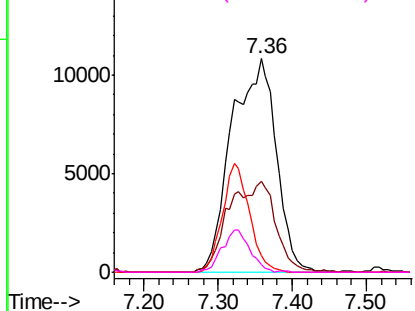
#41
Methacrylonitrile
Concen: 53.842 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	45319
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

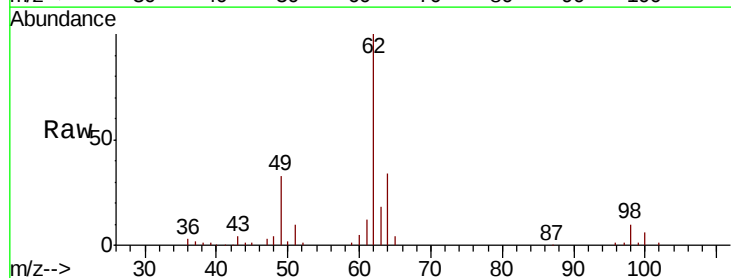


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

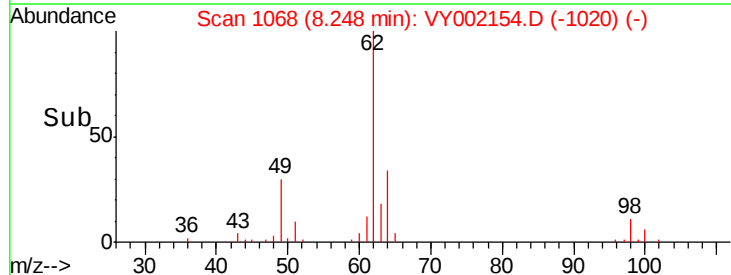
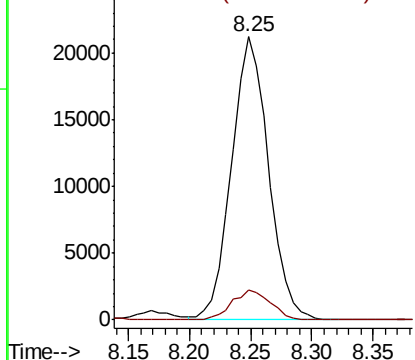


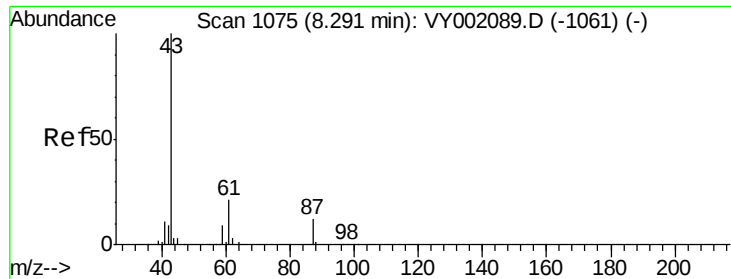
#42
1,2-Dichloroethane
Concen: 20.535 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Tgt Ion:	62	Resp:	44468
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.2



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

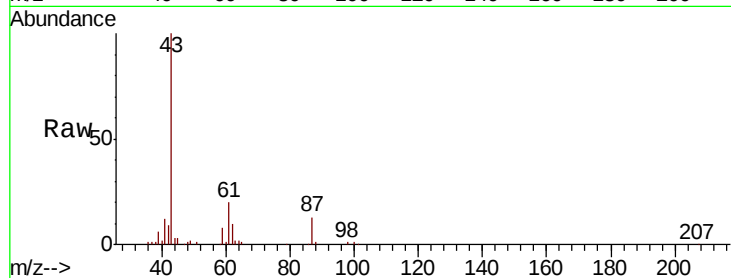




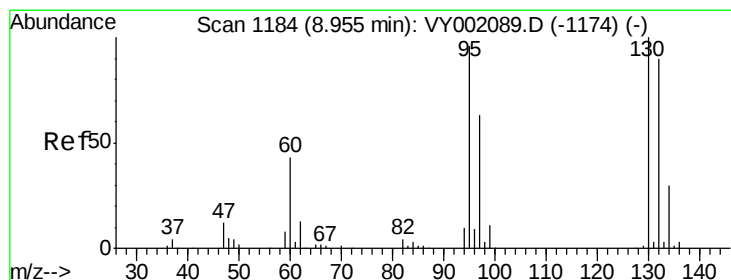
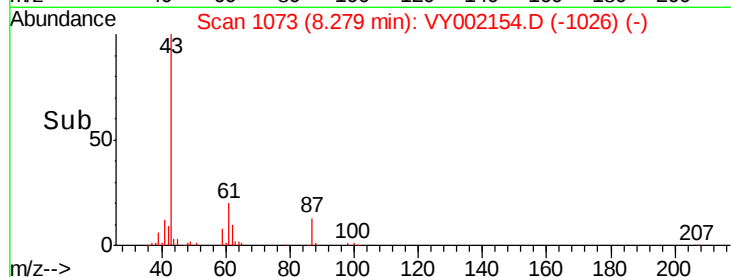
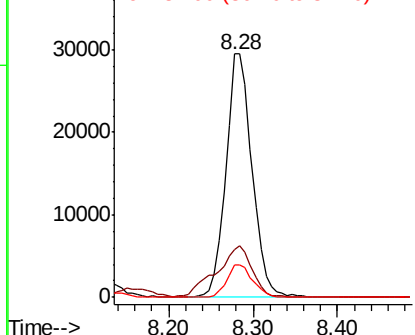
#43
Isopropyl Acetate
Concen: 20.163 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 62272
Ion Ratio Lower Upper
43 100
61 29.1 23.4 35.2
87 13.2 10.2 15.4

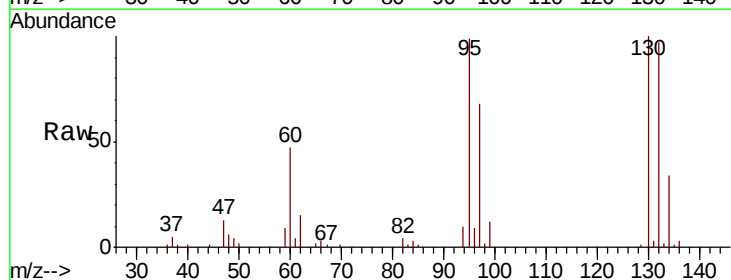


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

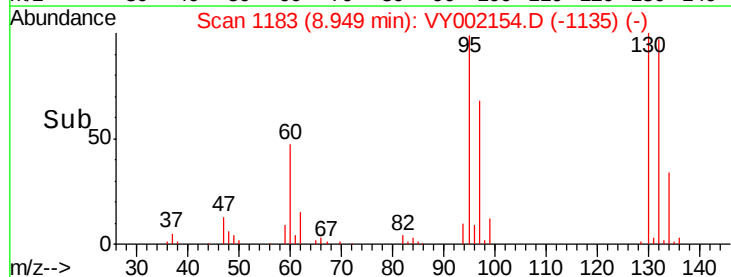
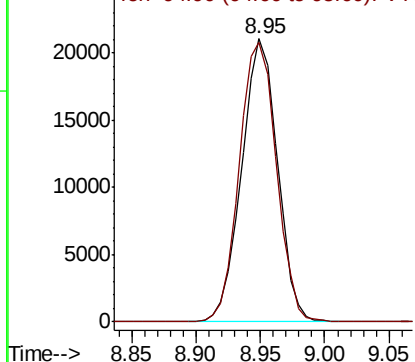


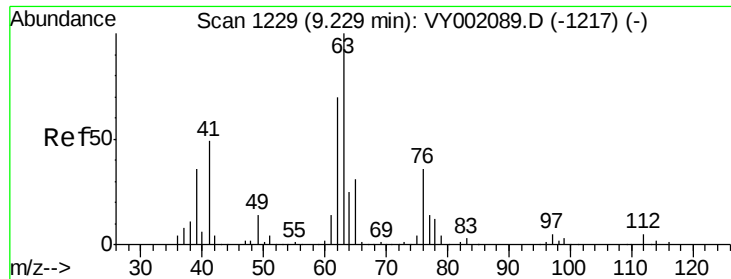
#44
Trichloroethene
Concen: 20.603 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Tgt Ion:130 Resp: 40509
Ion Ratio Lower Upper
130 100
95 98.9 0.0 193.0



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

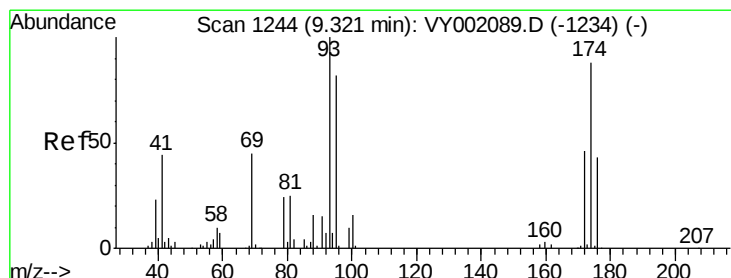
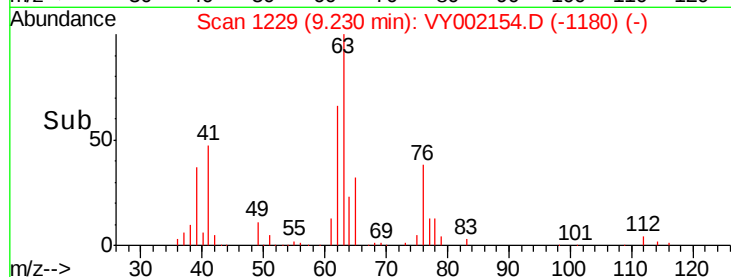
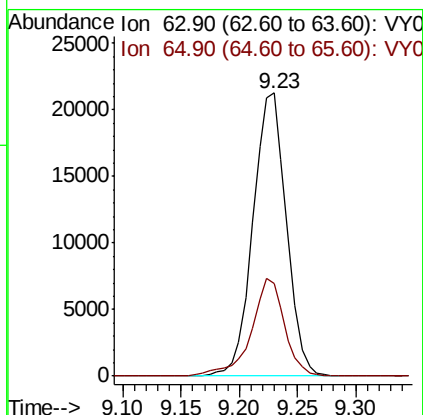
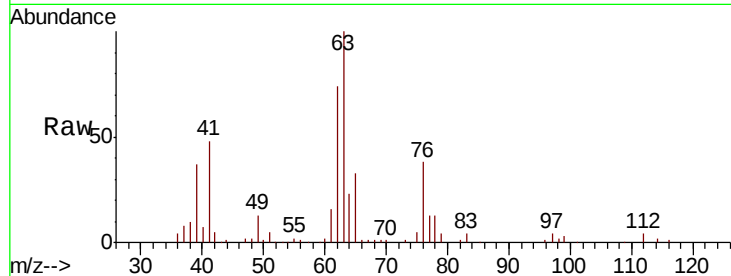




#45
 1,2-Dichloropropane
 Concen: 20.500 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

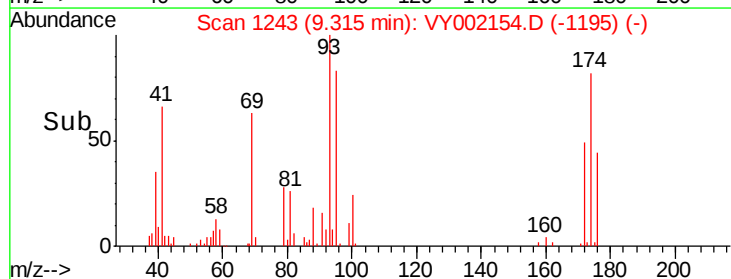
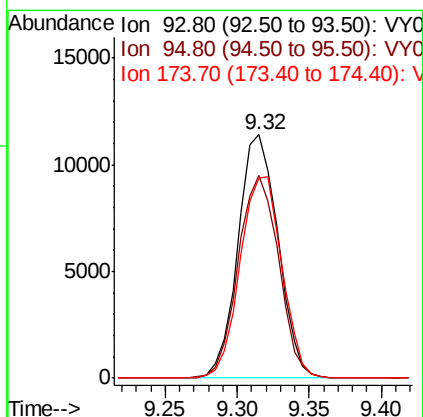
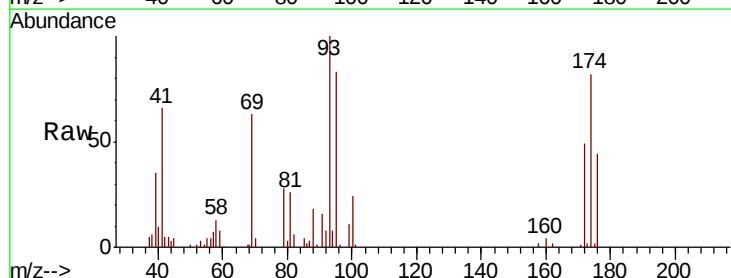
Instrument :
 MSVOA_Y
 ClientSampleId :

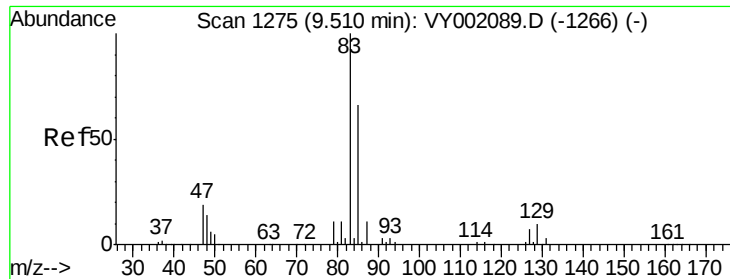
Tot Ion: 63 Resp: 42574
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.0 37.6



#46
 Dibromomethane
 Concen: 20.614 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

Tgt Ion: 93 Resp: 21986
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.0 99.0
 174 86.2 69.8 104.8





#47

Bromodichloromethane

Concen: 20.811 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

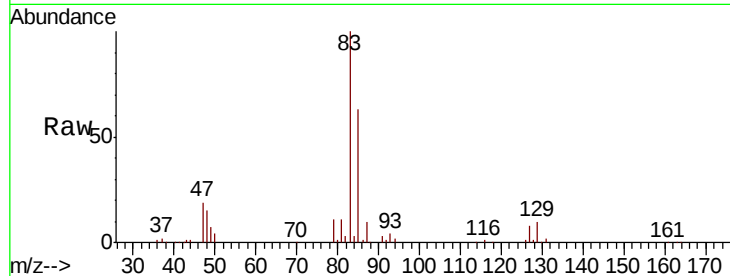
Tot Ion: 83 Resp: 51673

Ion Ratio Lower Upper

83 100

85 63.0 52.6 79.0

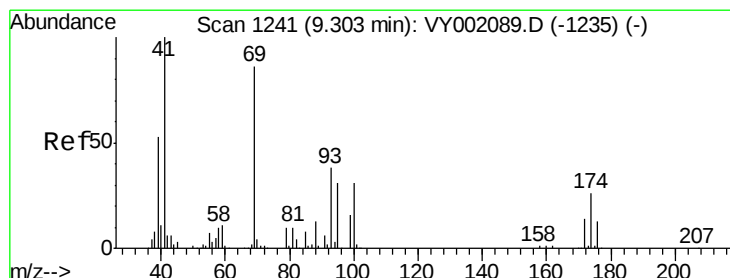
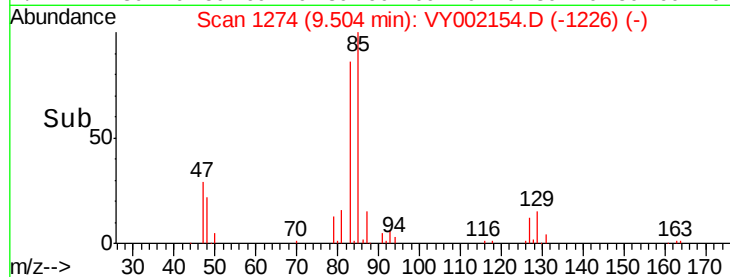
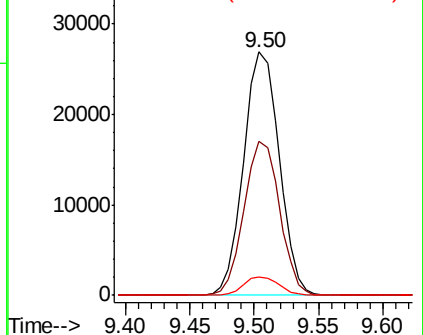
127 7.6 5.9 8.9



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.989 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

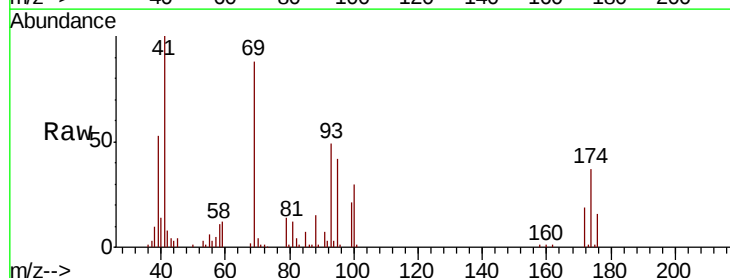
Tgt Ion: 41 Resp: 27666

Ion Ratio Lower Upper

41 100

69 89.5 71.4 107.0

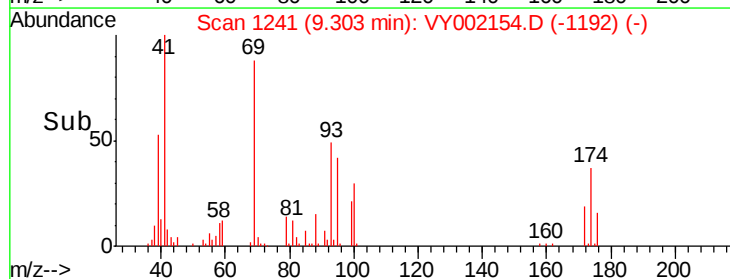
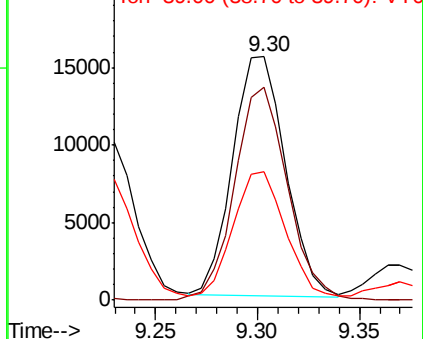
39 51.6 41.0 61.4

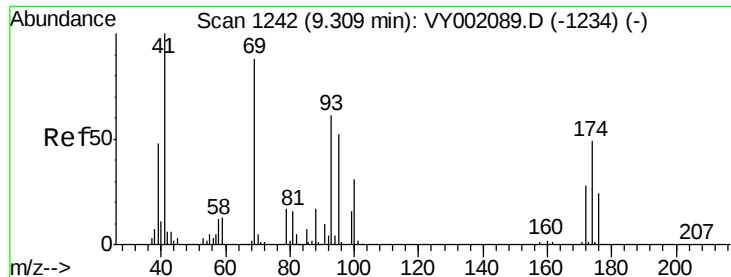


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

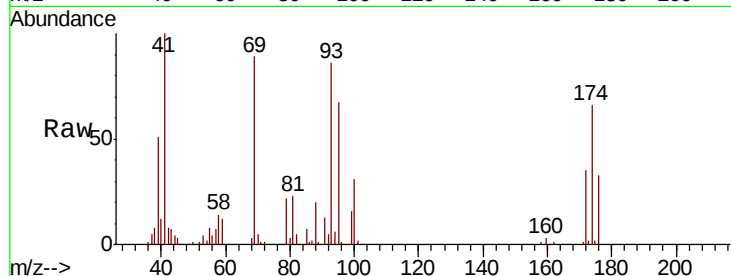




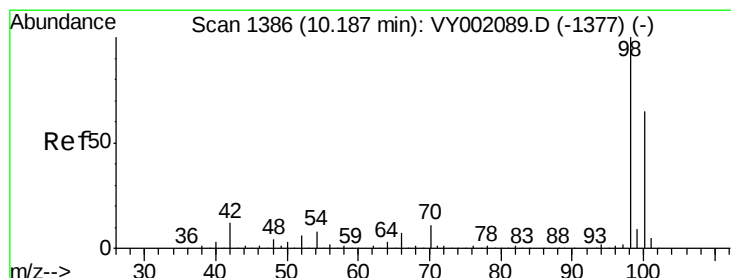
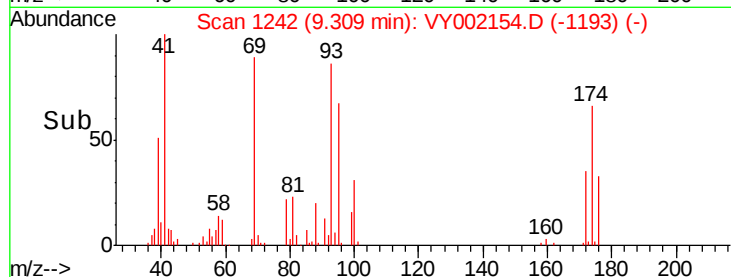
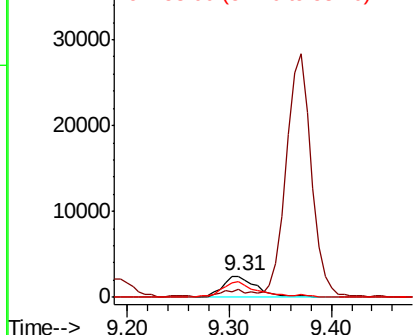
#49
1,4-Dioxane
Concen: 405.168 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 5930
Ion Ratio Lower Upper
88 100
43 26.1 27.2 40.8#
58 78.7 59.8 89.8

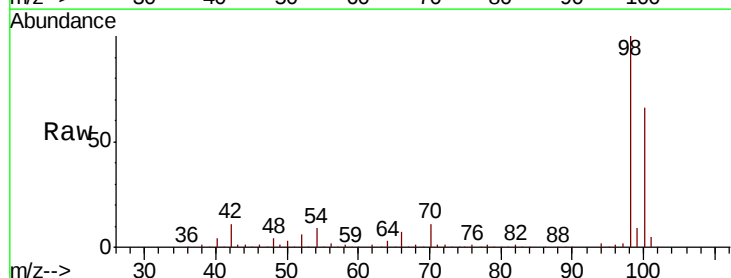


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

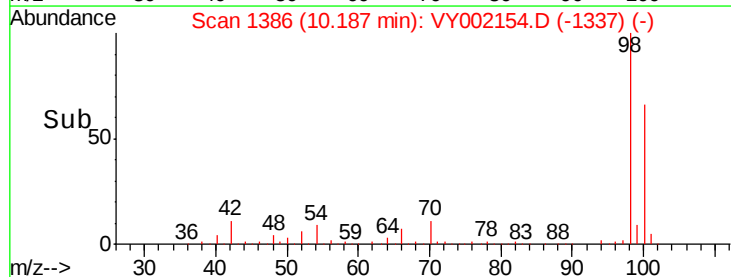
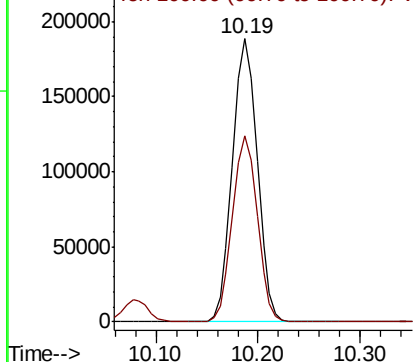


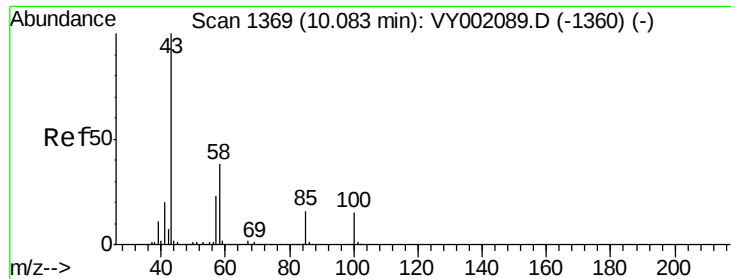
#50
Toluene-d8
Concen: 47.041 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Tgt Ion: 98 Resp: 318767
Ion Ratio Lower Upper
98 100
100 65.8 51.6 77.4



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

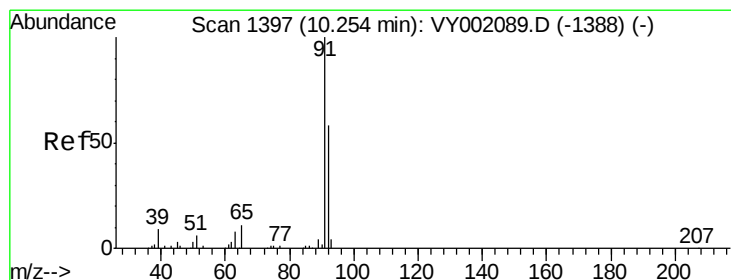
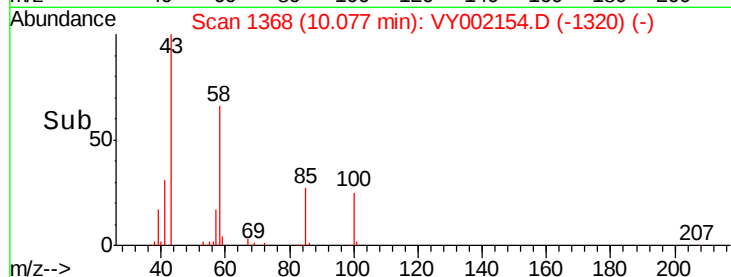
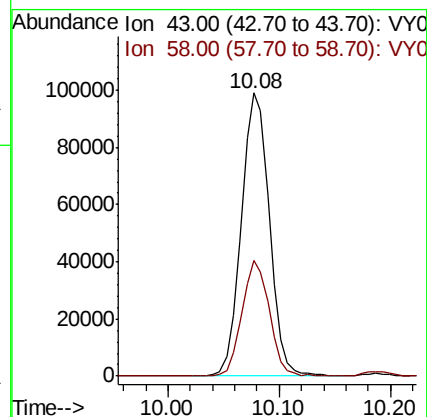
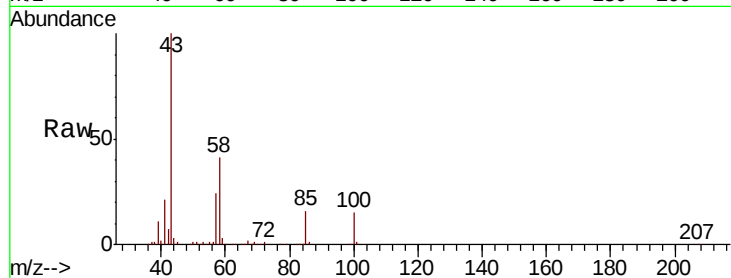




#51
4-Methyl-2-Pentanone
Concen: 108.027 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

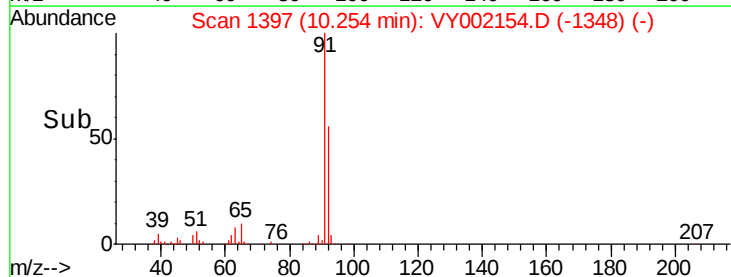
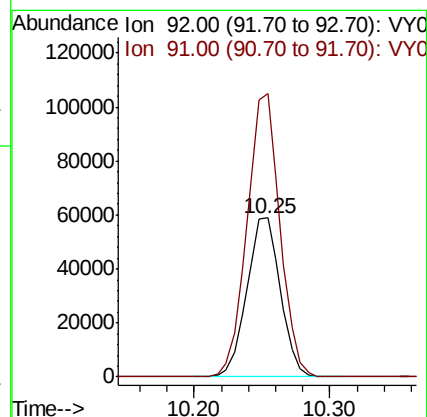
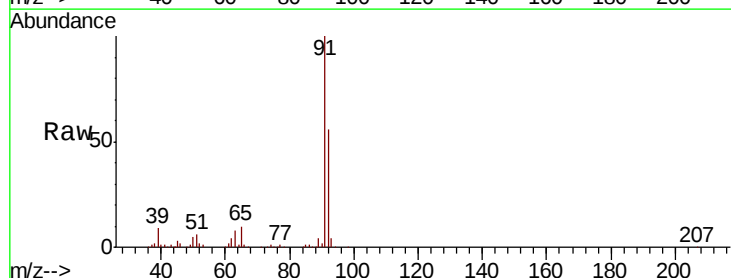
Instrument :
MSVOA_Y
ClientSampled :

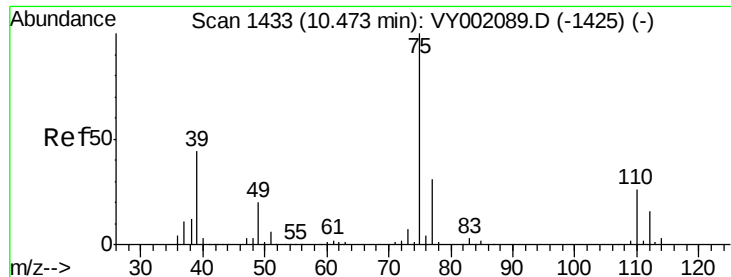
Tot Ion: 43 Resp: 171797
Ion Ratio Lower Upper
43 100
58 40.0 31.6 47.4



#52
Toluene
Concen: 20.624 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Tgt Ion: 92 Resp: 101745
Ion Ratio Lower Upper
92 100
91 174.3 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 20.378 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Instrument :

MSVOA_Y

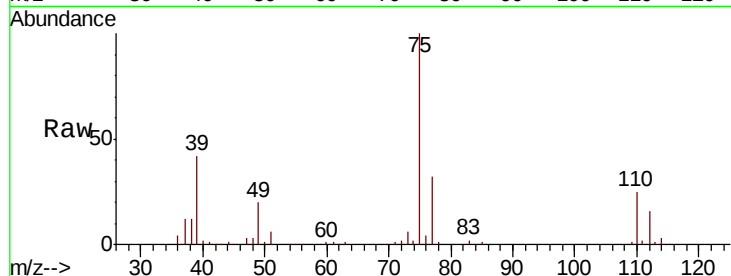
ClientSampleId :

Tot Ion: 75 Resp: 56159

Ion Ratio Lower Upper

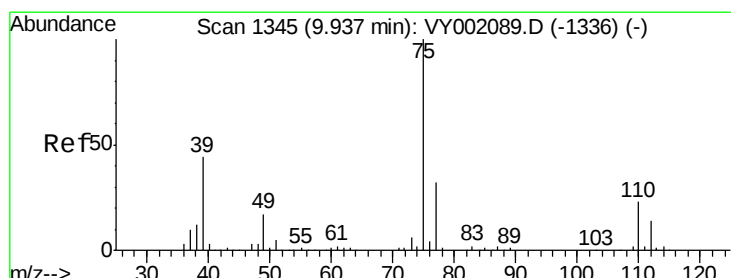
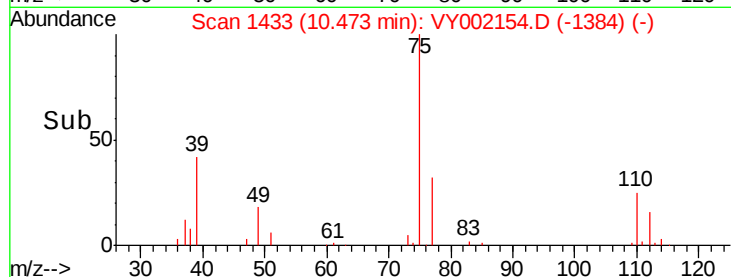
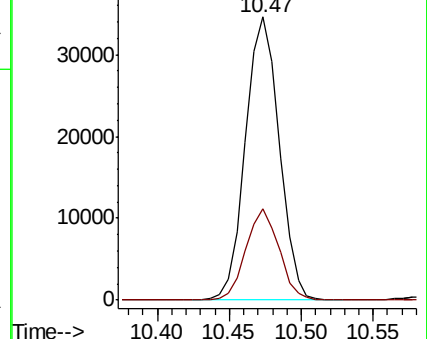
75 100

77 32.1 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.275 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

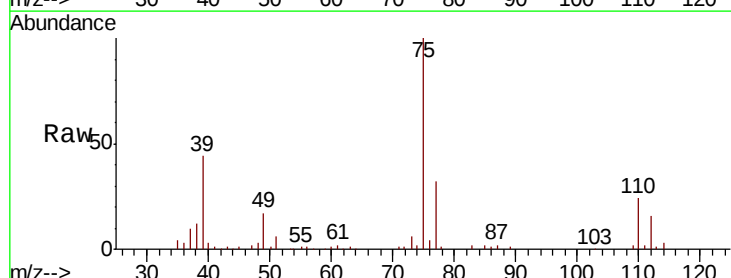
Tgt Ion: 75 Resp: 65784

Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

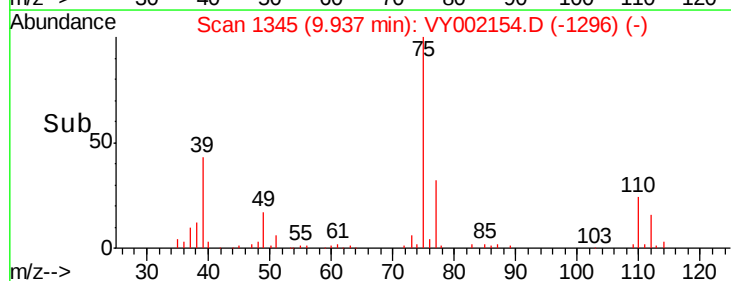
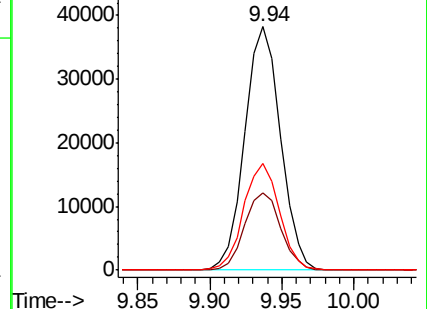
39 43.6 35.2 52.8

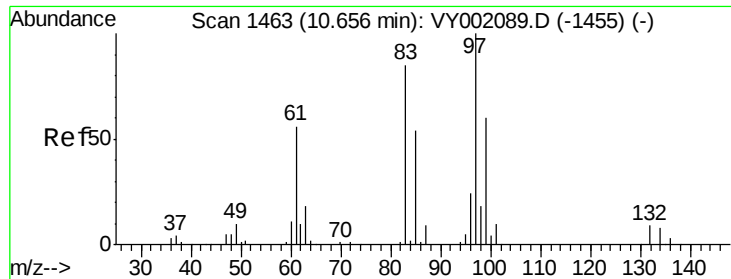


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

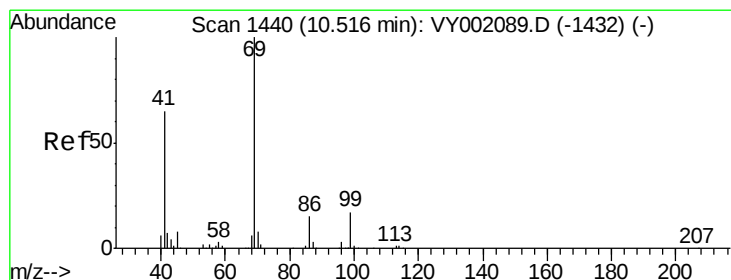
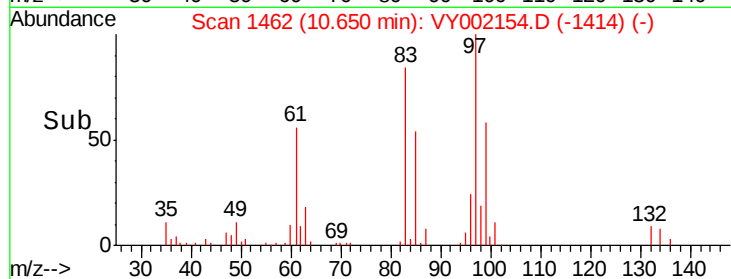
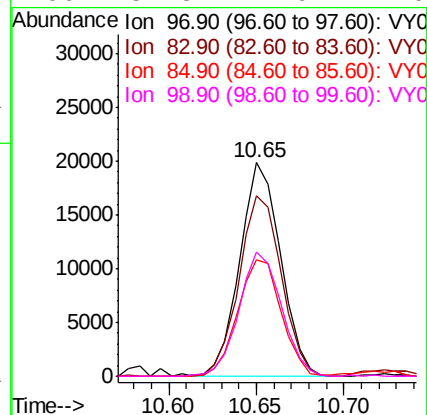
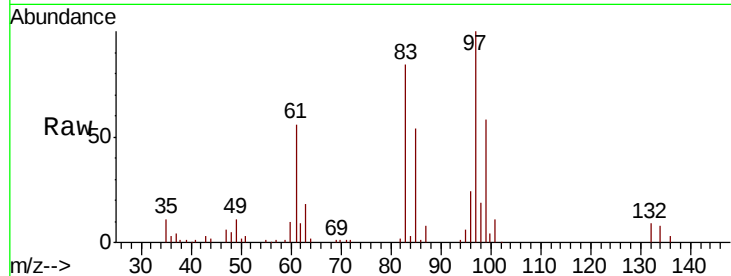




#55
 1,1,2-Trichloroethane
 Concen: 20.486 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

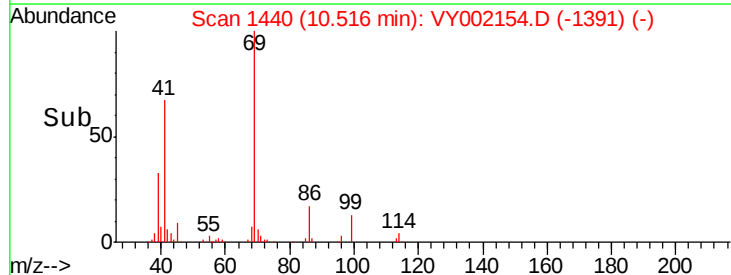
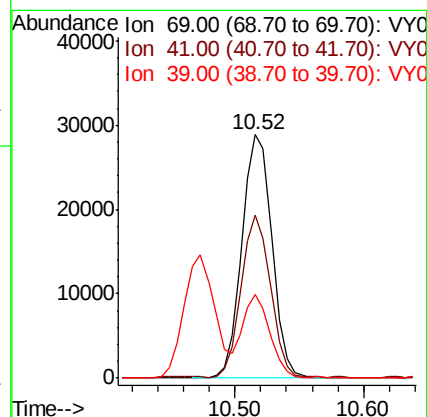
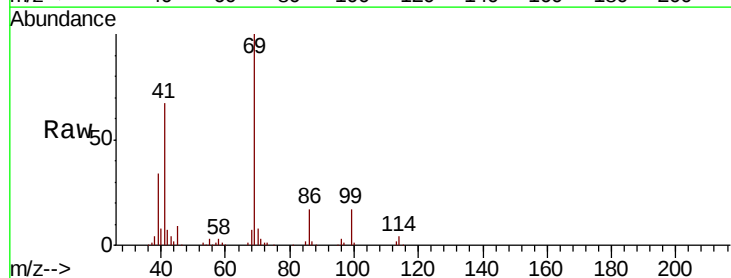
Instrument :
 MSVOA_Y
 ClientSampled :

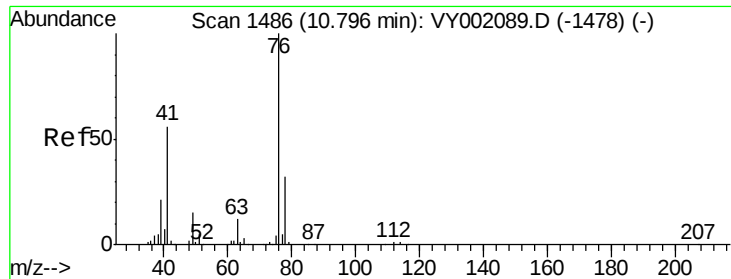
Tot Ion: 97 Resp: 32339
 Ion Ratio Lower Upper
 97 100
 83 84.4 68.2 102.2
 85 54.4 42.9 64.3
 99 57.8 47.9 71.9



#56
 Ethyl methacrylate
 Concen: 20.158 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

Tgt Ion: 69 Resp: 46477
 Ion Ratio Lower Upper
 69 100
 41 64.8 52.8 79.2
 39 30.6 25.0 37.6

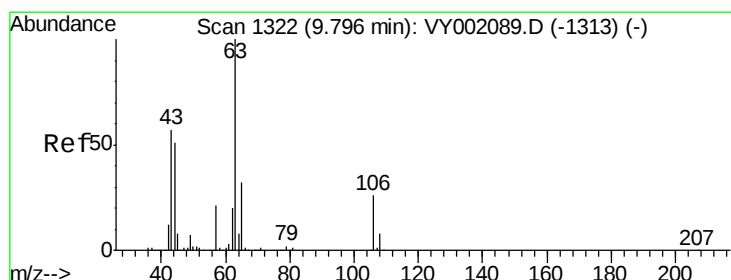
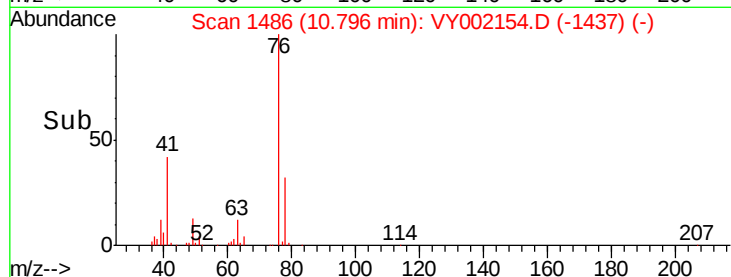
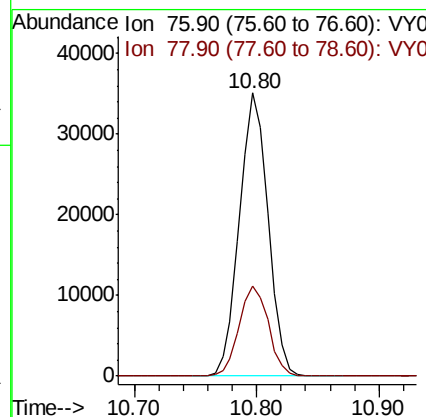
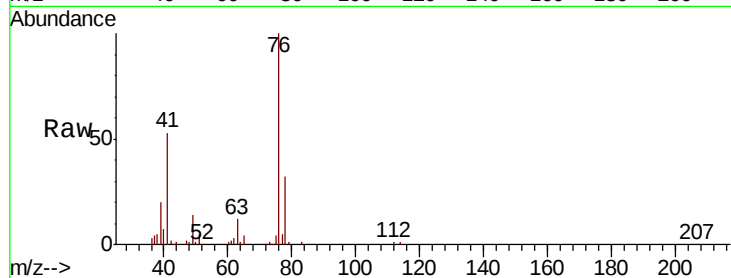




#57
 1,3-Dichloropropane
 Concen: 20.396 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

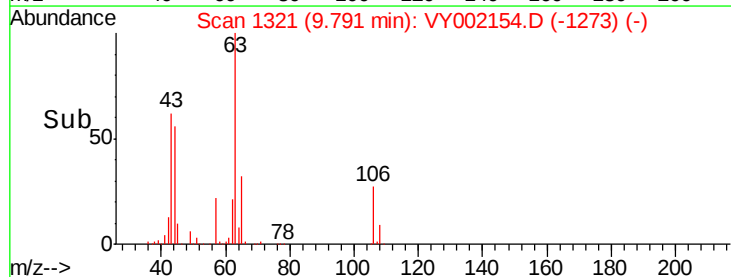
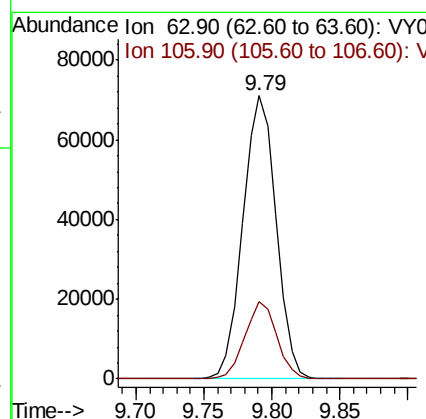
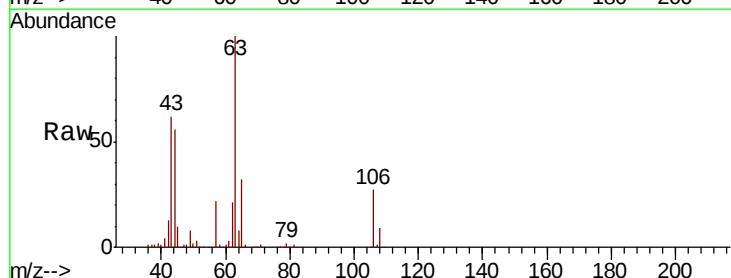
Instrument :
 MSVOA_Y
 ClientSampled :

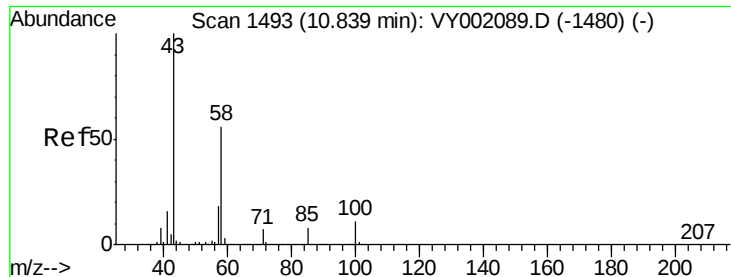
Tot Ion: 76 Resp: 56886
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.131 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

Tgt Ion: 63 Resp: 120996
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.0 31.4

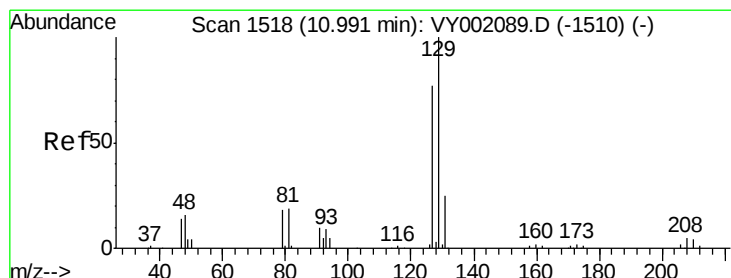
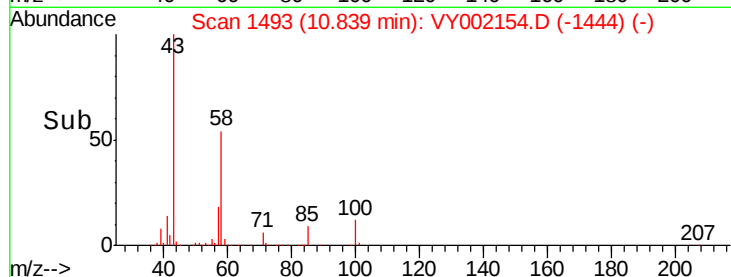
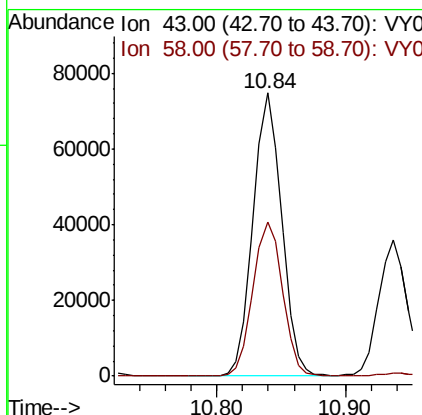
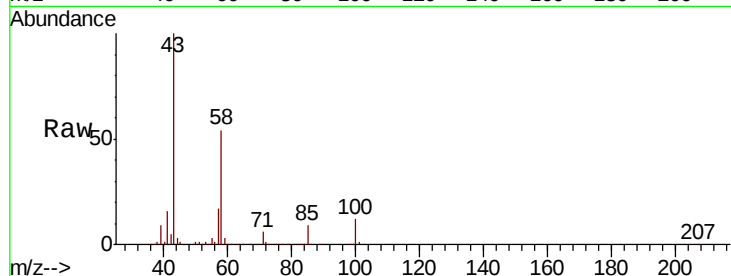




#59
2-Hexanone
Concen: 102.721 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

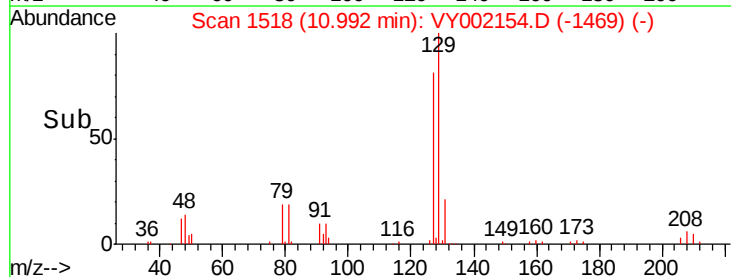
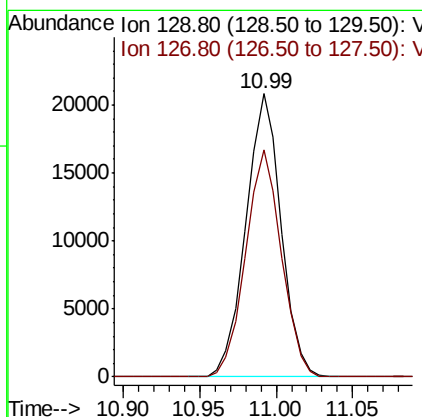
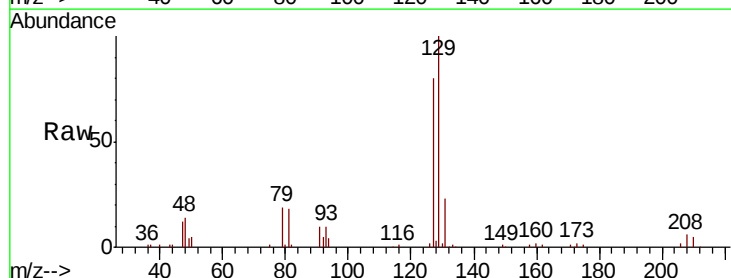
Instrument :
MSVOA_Y
ClientSampleId :

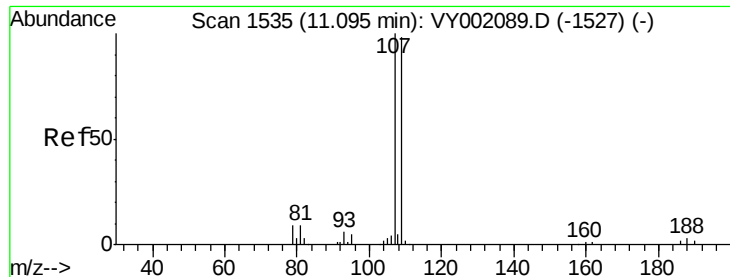
Tot Ion: 43 Resp: 115072
Ion Ratio Lower Upper
43 100
58 56.3 27.9 83.6



#60
Dibromochloromethane
Concen: 20.142 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Tgt Ion: 129 Resp: 33272
Ion Ratio Lower Upper
129 100
127 81.5 38.7 116.1

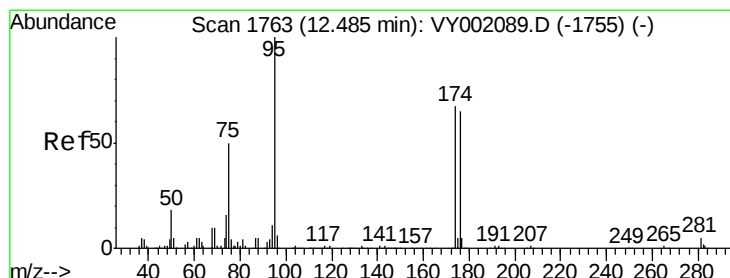
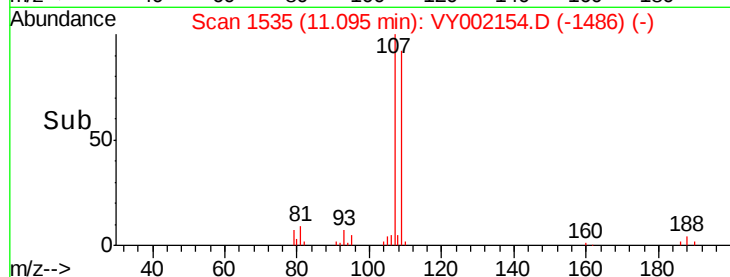
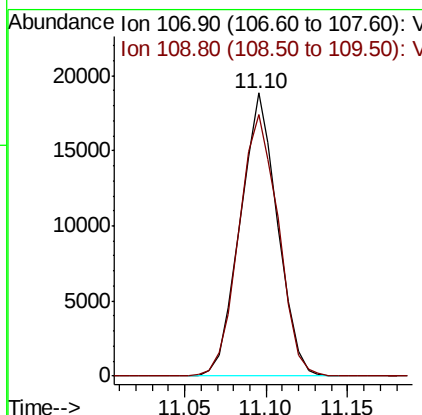
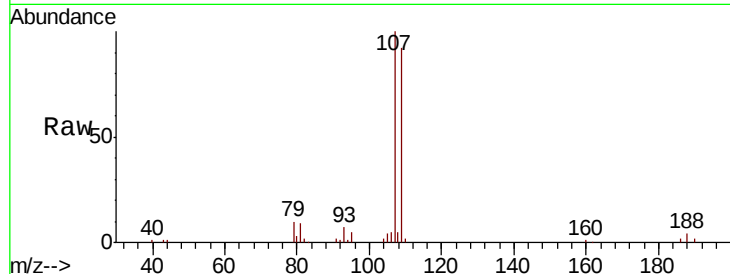




#61
 1,2-Dibromoethane
 Concen: 20.262 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

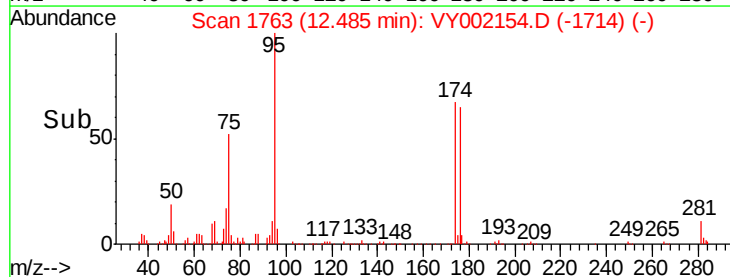
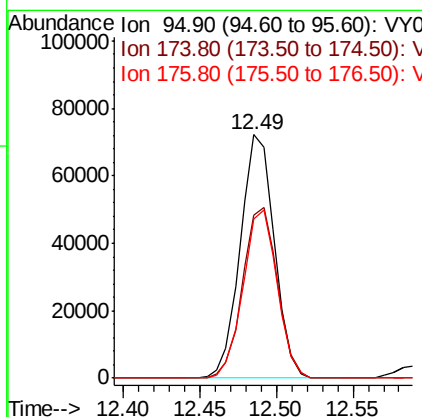
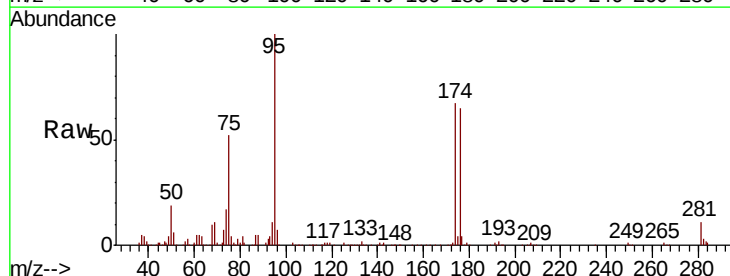
Instrument :
 MSVOA_Y
 ClientSampleId :

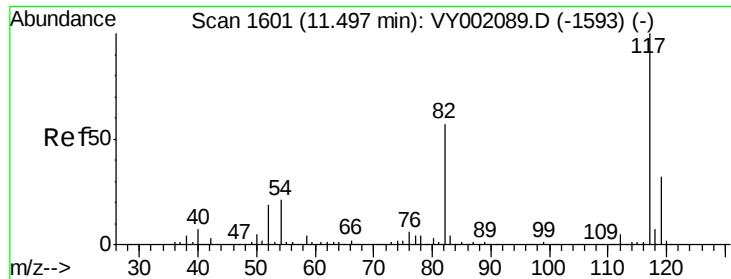
Tot Ion: 107 Resp: 29938
 Ion Ratio Lower Upper
 107 100
 109 97.6 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 47.093 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

Tgt Ion: 95 Resp: 111606
 Ion Ratio Lower Upper
 95 100
 174 71.7 0.0 143.4
 176 69.3 0.0 137.0

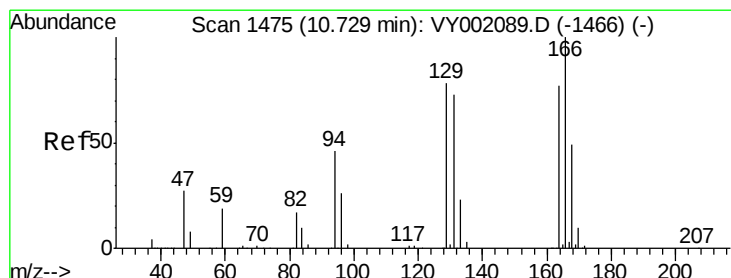
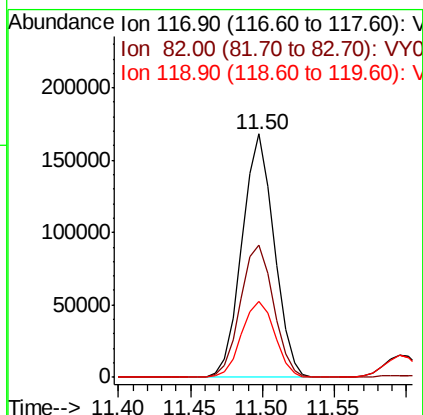
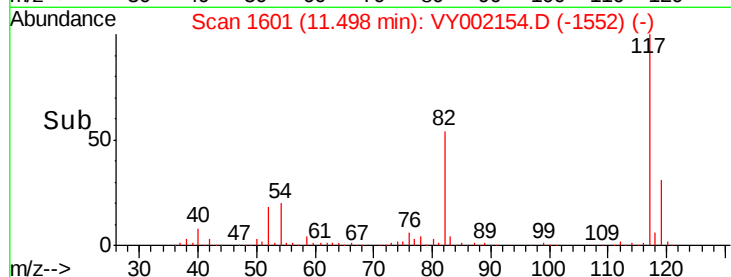
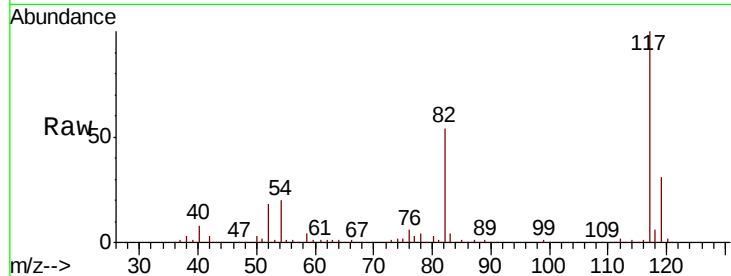




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

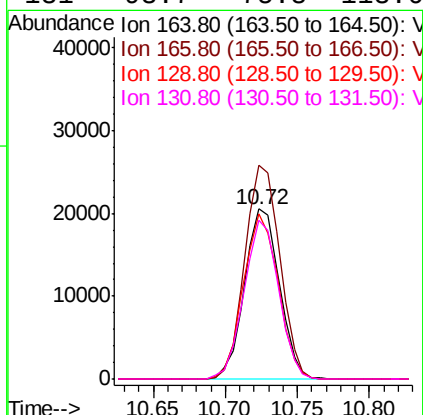
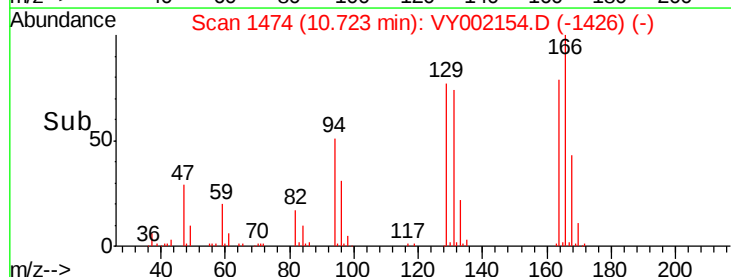
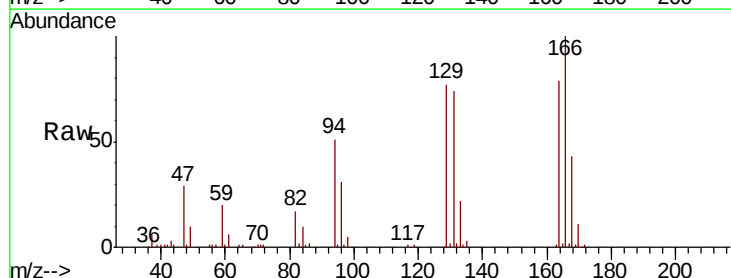
Instrument :
MSVOA_Y
ClientSampled :

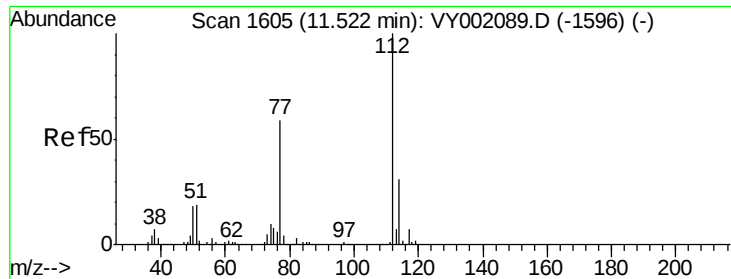
Tot Ion:117 Resp: 260056
Ion Ratio Lower Upper
117 100
82 54.2 45.4 68.2
119 31.2 25.3 37.9



#64
Tetrachloroethene
Concen: 21.583 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Tgt Ion:164 Resp: 34340
Ion Ratio Lower Upper
164 100
166 125.9 104.0 156.0
129 97.2 81.2 121.8
131 93.7 75.8 113.6

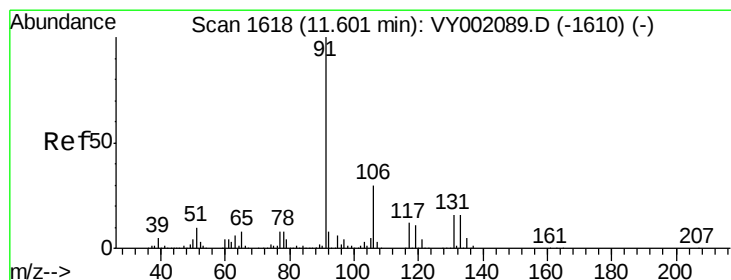
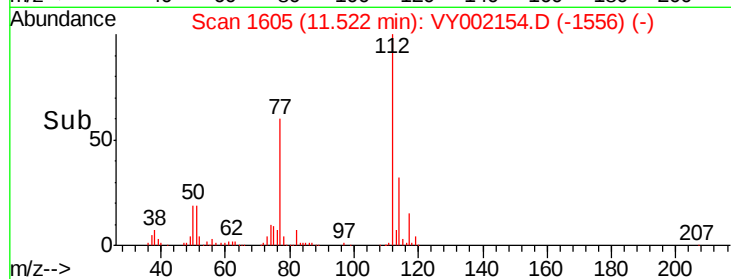
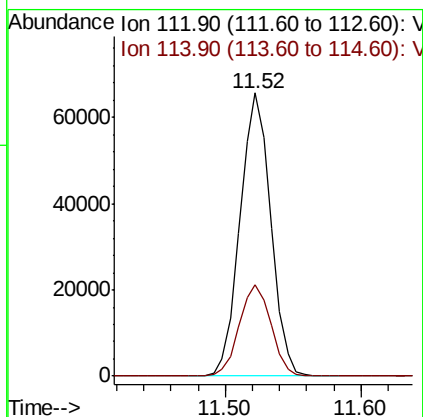
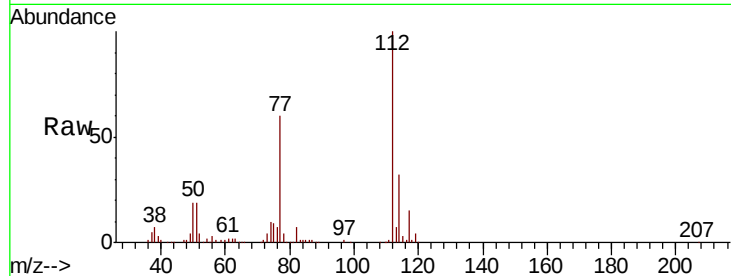




#65
Chlorobenzene
Concen: 20.593 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

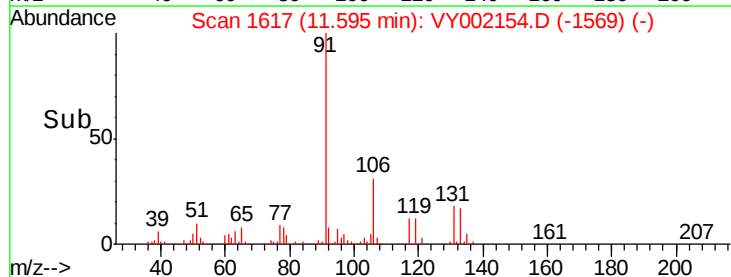
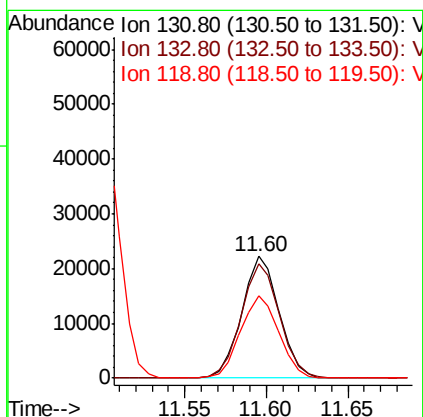
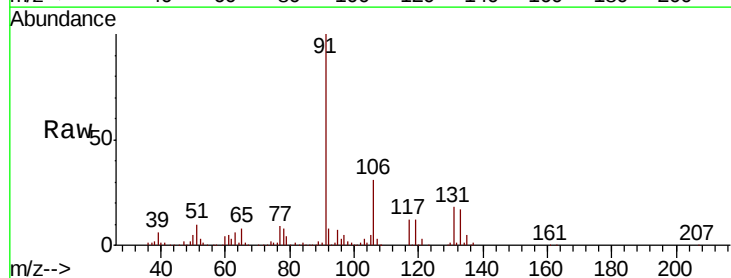
Instrument :
MSVOA_Y
ClientSampleId :

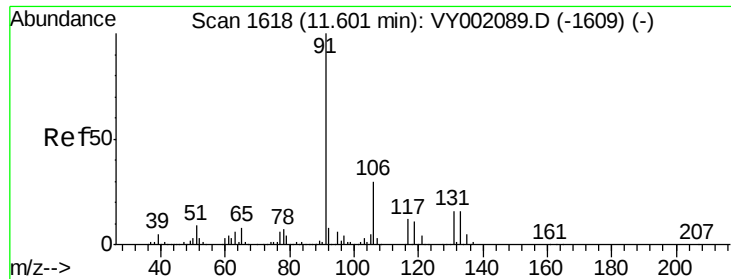
Tot Ion:112 Resp: 103376
Ion Ratio Lower Upper
112 100
114 32.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.102 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Tgt Ion:131 Resp: 35440
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.5
119 69.0 34.6 103.9

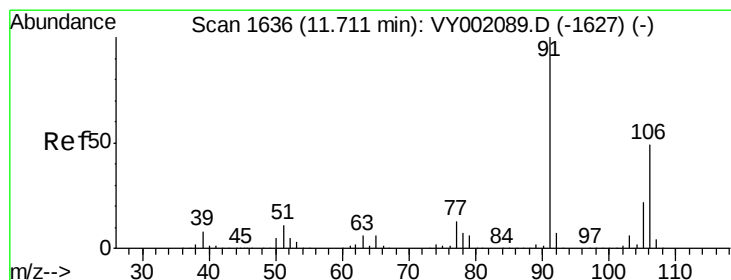
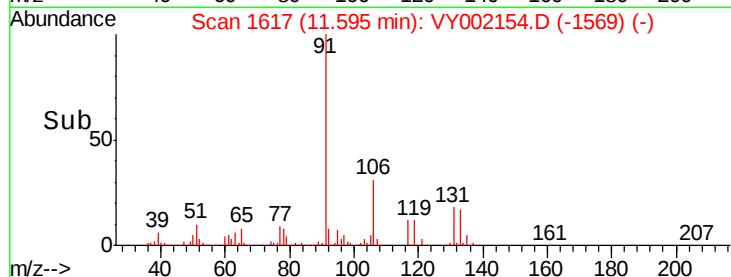
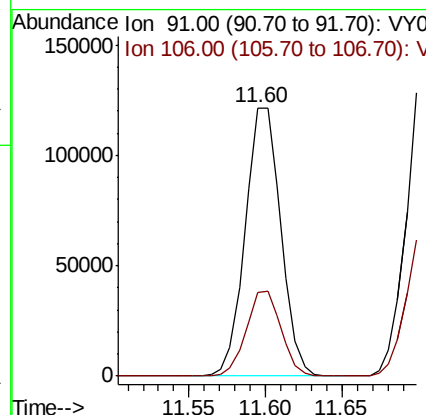
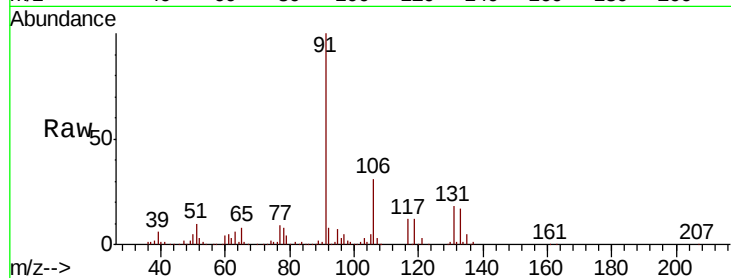




#67
Ethyl Benzene
Concen: 21.057 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

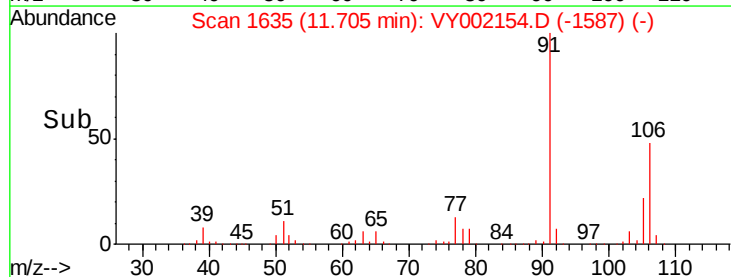
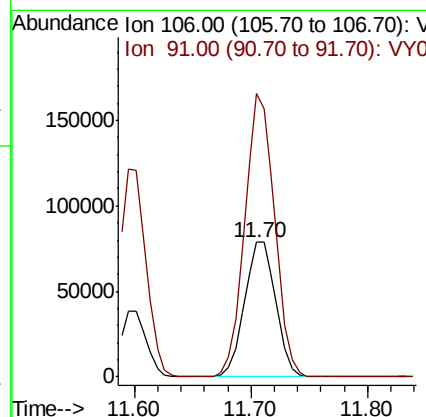
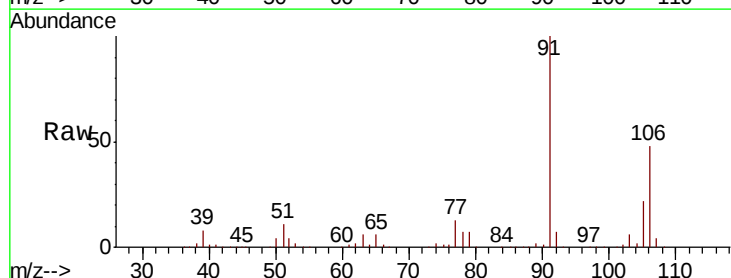
Instrument :
MSVOA_Y
ClientSampleId :

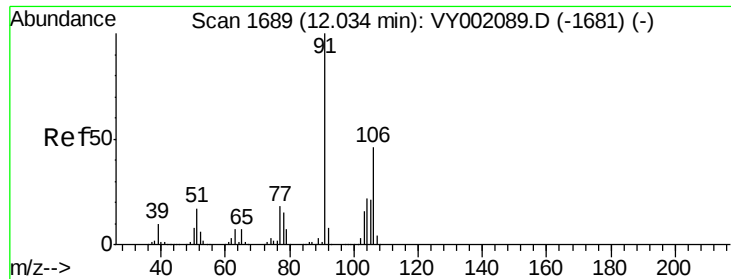
Tot Ion: 91 Resp: 196323
Ion Ratio Lower Upper
91 100
106 31.4 24.1 36.1



#68
m/p-Xylenes
Concen: 42.640 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Tgt Ion: 106 Resp: 146988
Ion Ratio Lower Upper
106 100
91 201.4 162.8 244.2

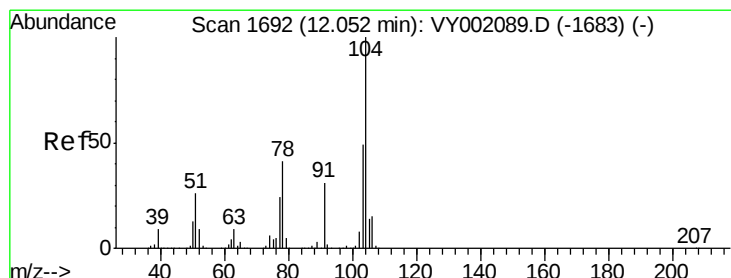
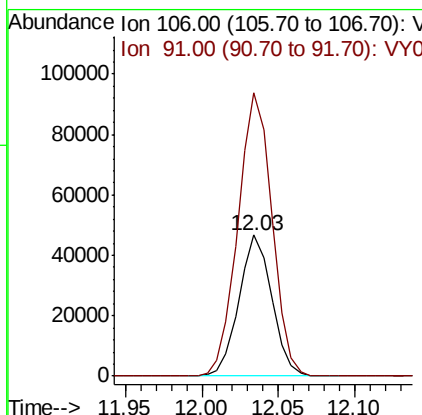
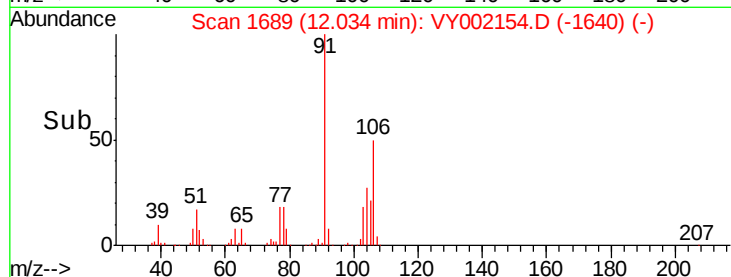
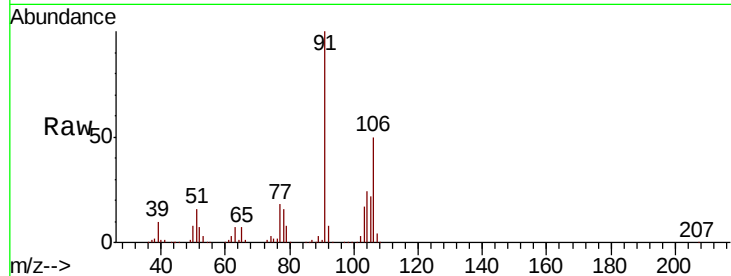




#69
o-Xylene
Concen: 21.284 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

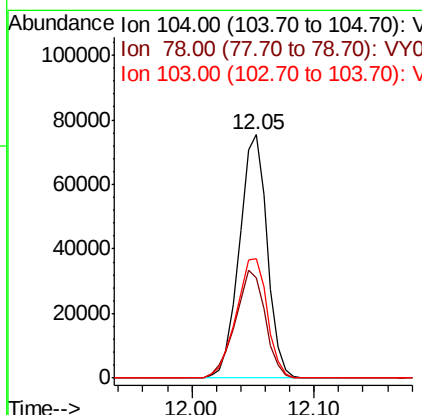
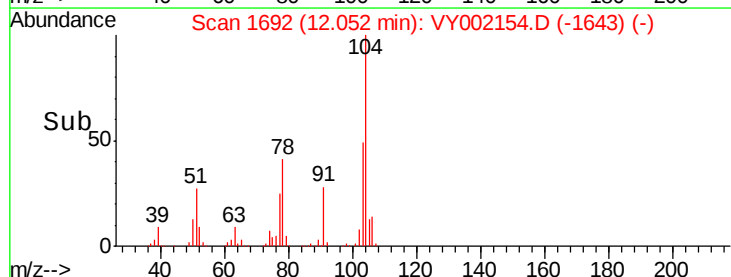
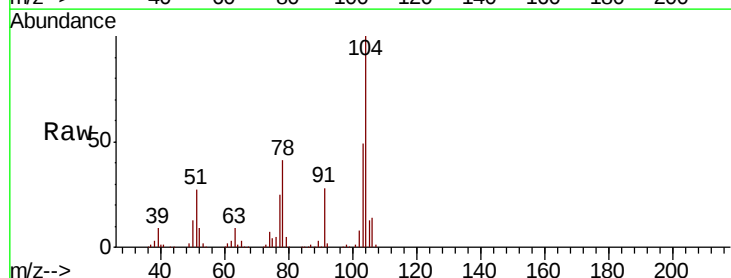
Instrument :
MSVOA_Y
ClientSampled :

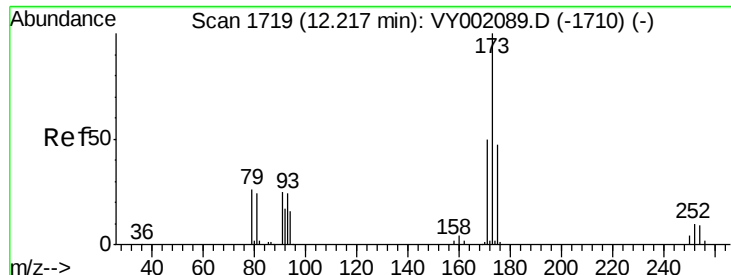
Tot Ion:106 Resp: 69599
Ion Ratio Lower Upper
106 100
91 208.3 107.3 321.8



#70
Styrene
Concen: 20.927 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Tgt Ion:104 Resp: 118577
Ion Ratio Lower Upper
104 100
78 47.7 37.9 56.9
103 55.1 43.2 64.8





#71

Bromoform

Concen: 21.209 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

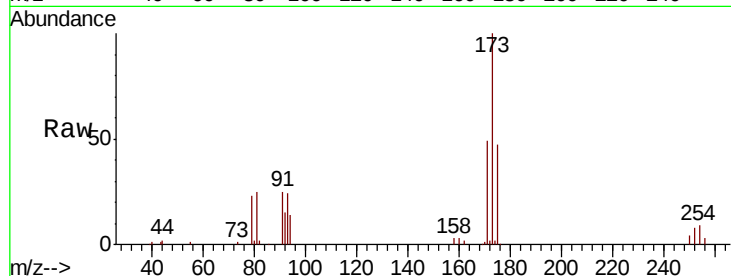
Tot Ion:173 Resp: 19509

Ion Ratio Lower Upper

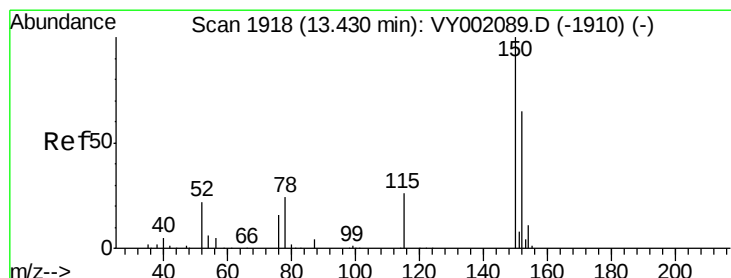
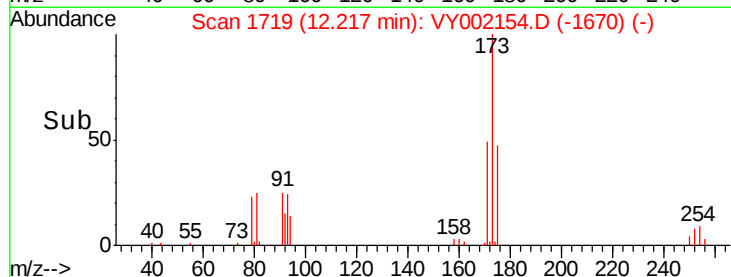
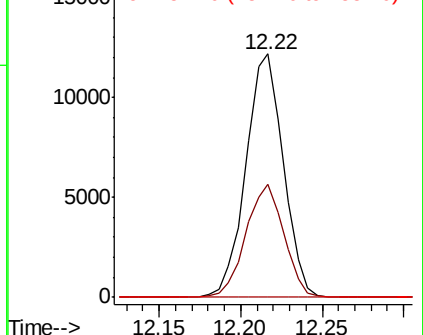
173 100

175 47.2 23.9 71.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

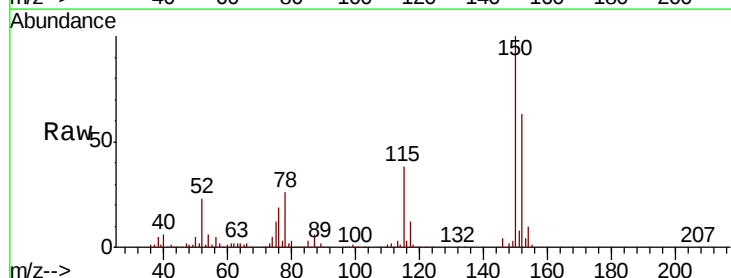
Tgt Ion:152 Resp: 120135

Ion Ratio Lower Upper

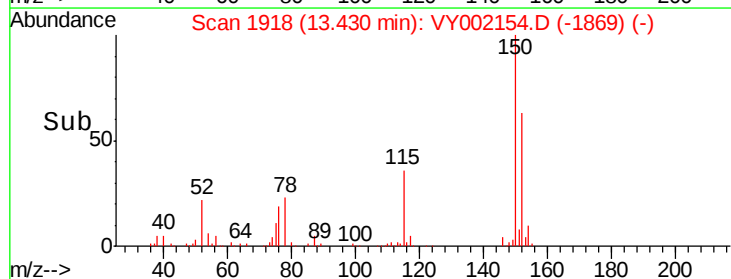
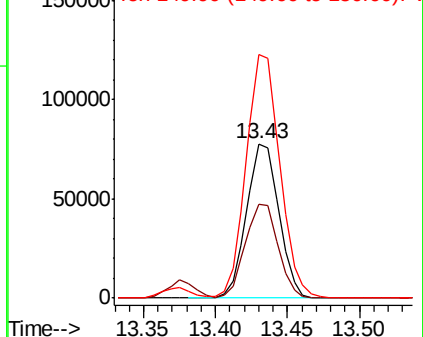
152 100

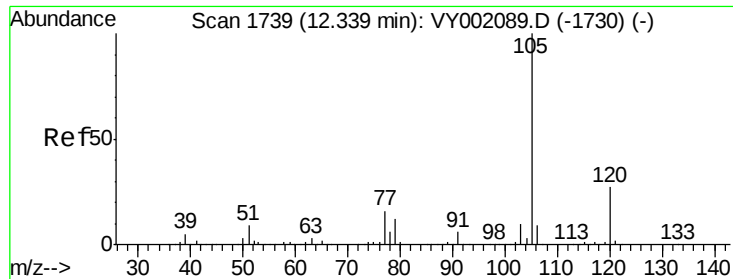
115 62.1 31.2 93.6

150 165.4 0.0 354.8



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





#73

Isopropylbenzene

Concen: 20.710 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Instrument :

MSVOA_Y

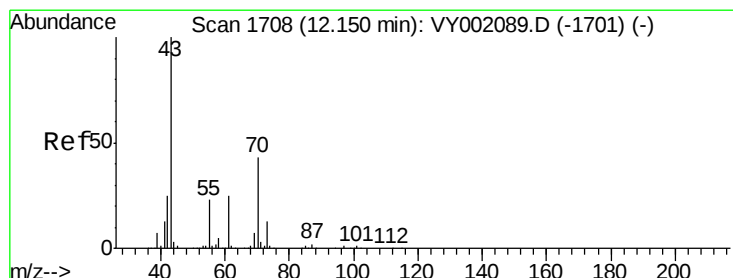
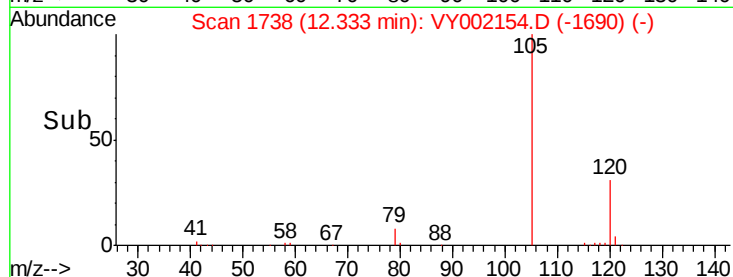
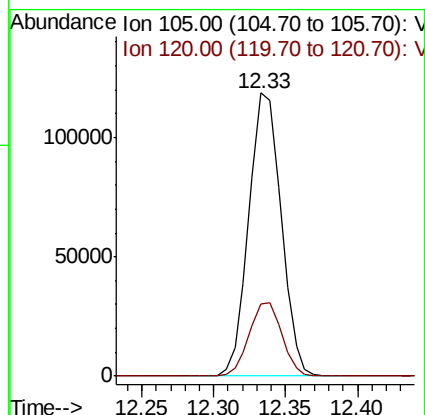
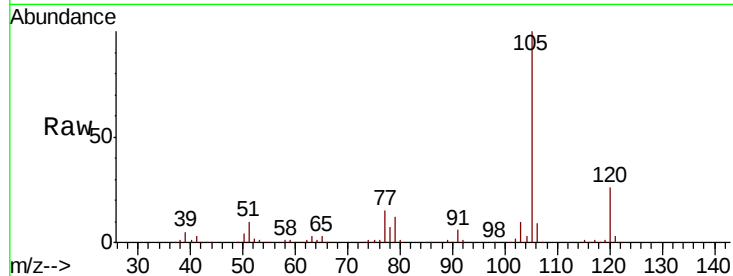
ClientSampleId :

Tot Ion:105 Resp: 184557

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 19.782 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Tgt Ion: 43 Resp: 55602

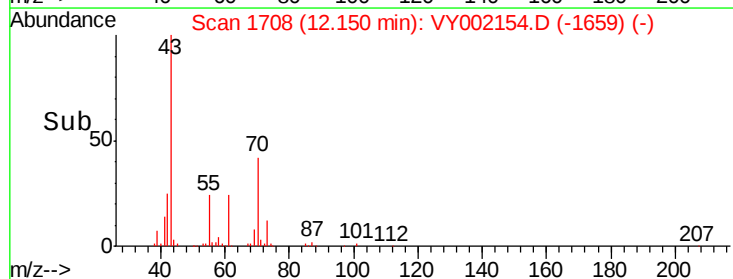
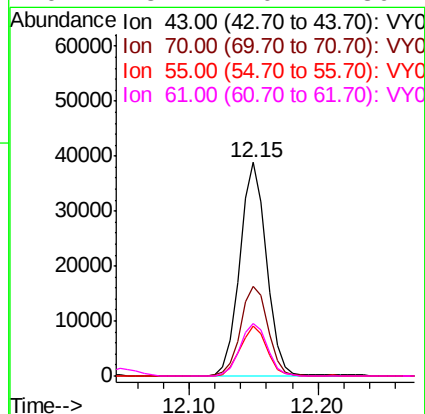
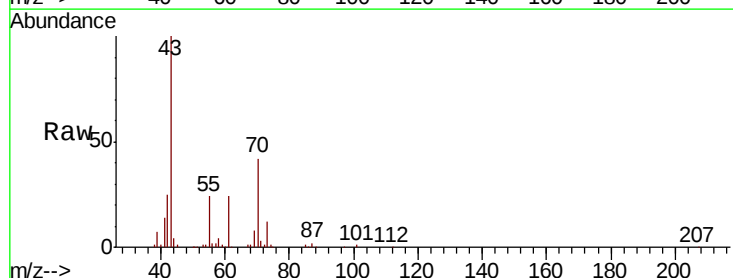
Ion Ratio Lower Upper

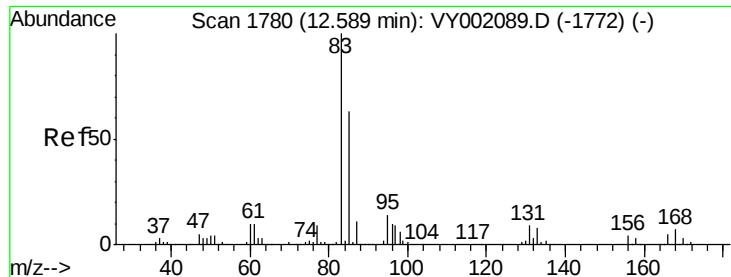
43 100

70 43.3 35.0 52.4

55 23.6 18.7 28.1

61 25.1 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.900 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

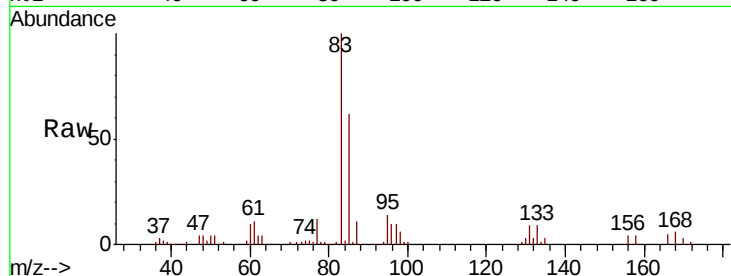
Tot Ion: 83 Resp: 40079

Ion Ratio Lower Upper

83 100

131 9.1 4.7 14.1

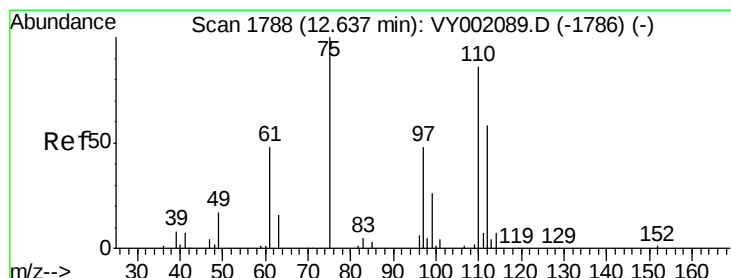
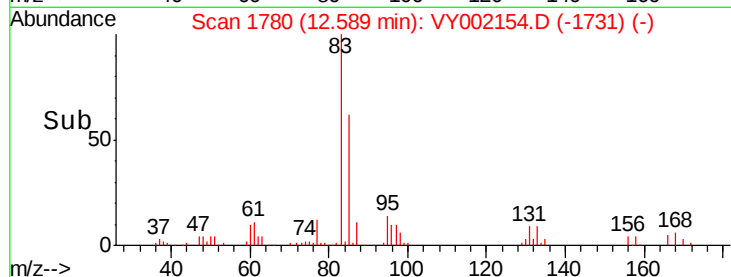
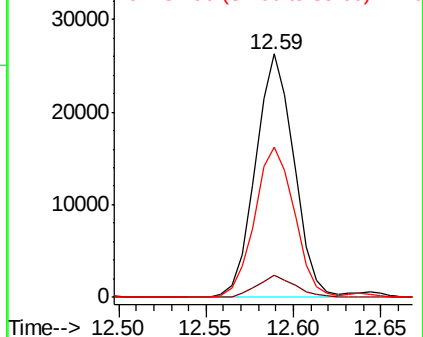
85 63.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 38.928 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002154.D

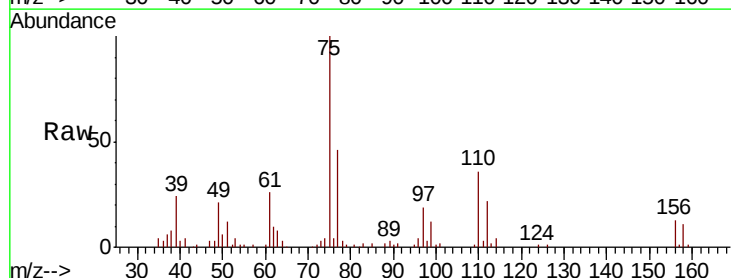
Acq: 01 Apr 2020 11:59

Tgt Ion: 75 Resp: 52312

Ion Ratio Lower Upper

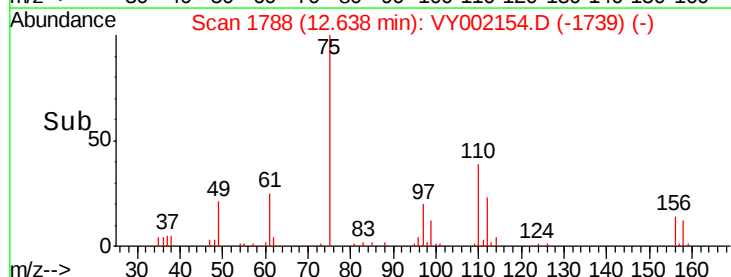
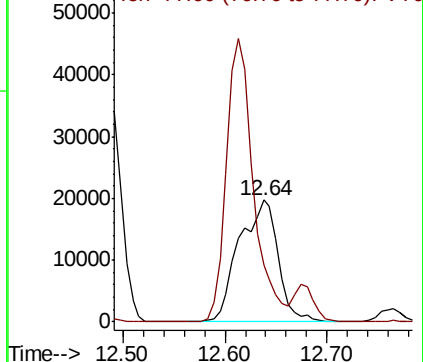
75 100

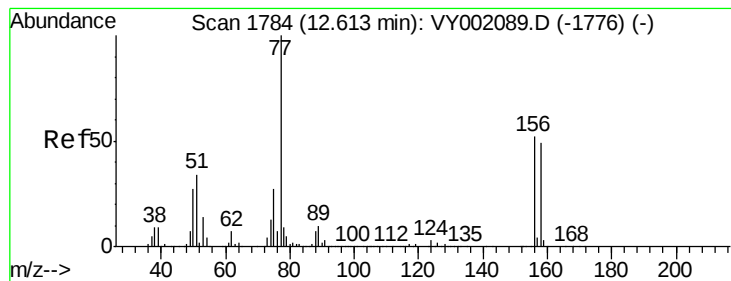
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.521 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

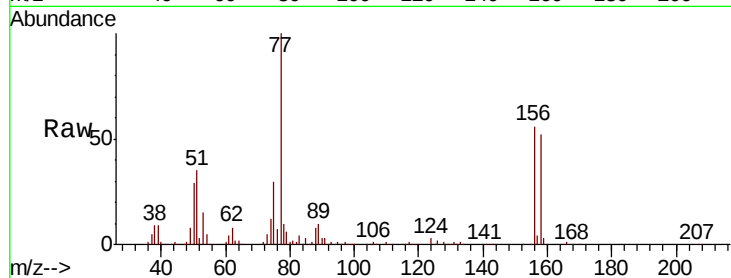
Tot Ion:156 Resp: 39039

Ion Ratio Lower Upper

156 100

77 216.8 107.8 323.6

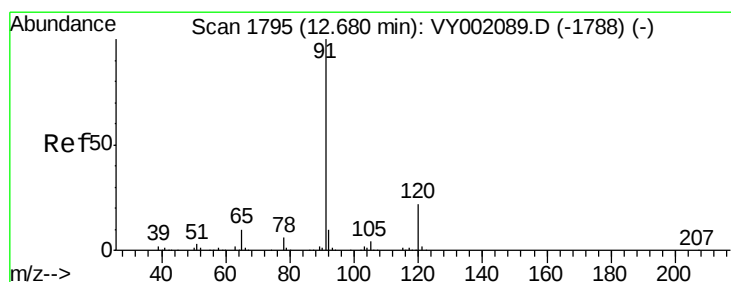
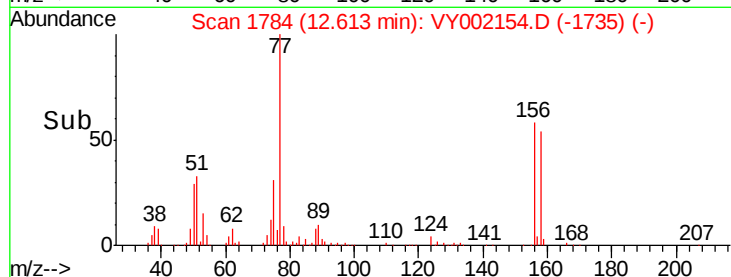
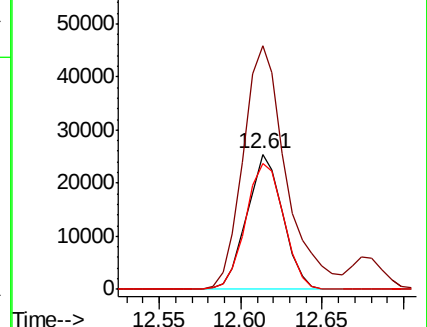
158 98.8 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.894 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002154.D

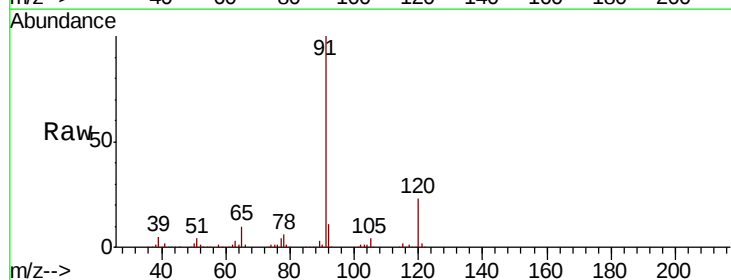
Acq: 01 Apr 2020 11:59

Tgt Ion: 91 Resp: 231072

Ion Ratio Lower Upper

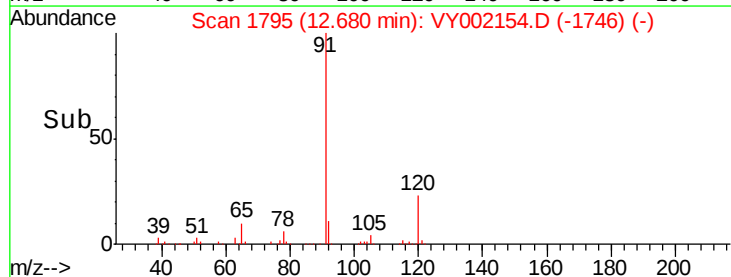
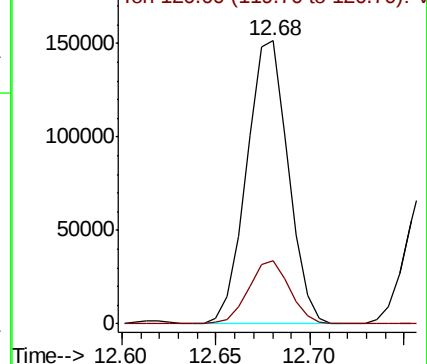
91 100

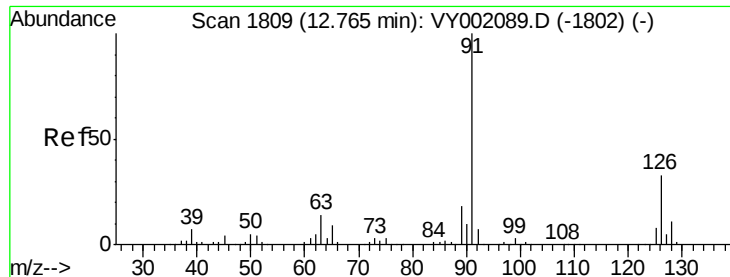
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

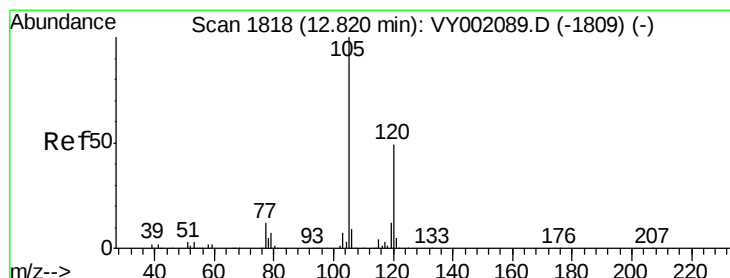
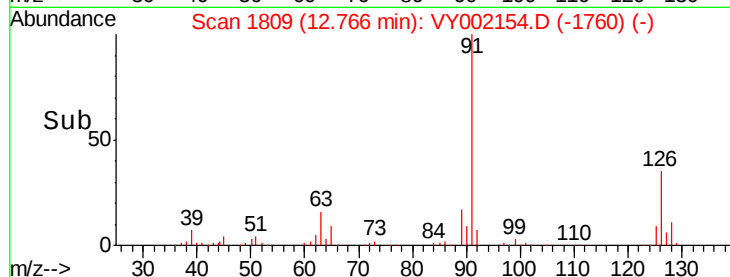
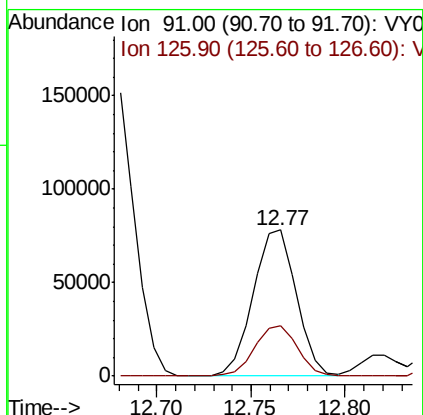
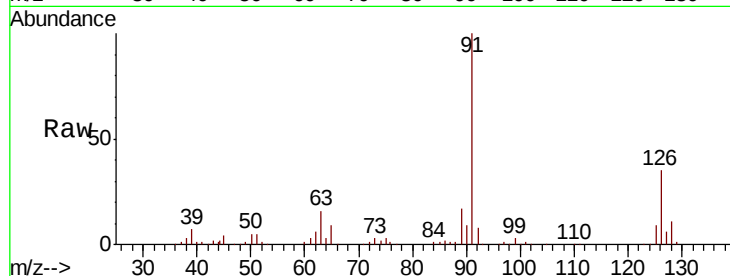




#79
 2-Chlorotoluene
 Concen: 20.468 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

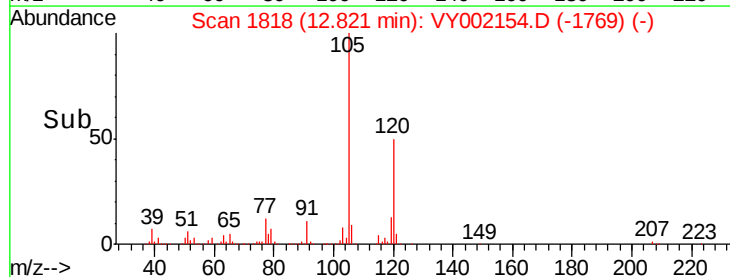
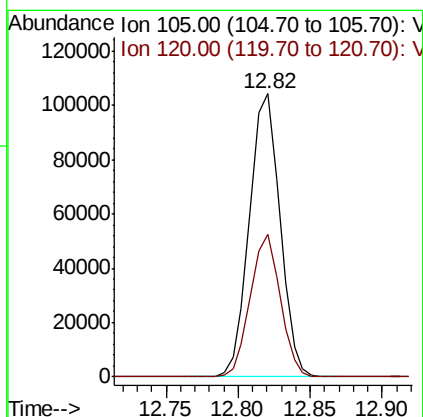
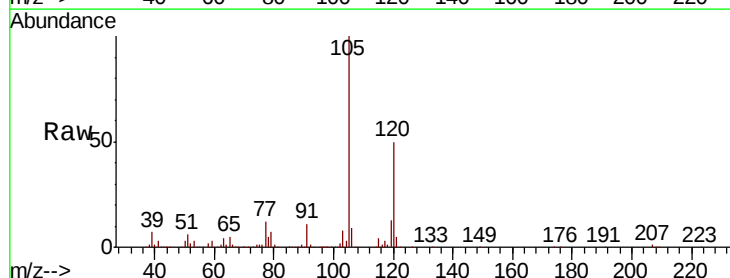
Instrument :
 MSVOA_Y
 ClientSampleId :

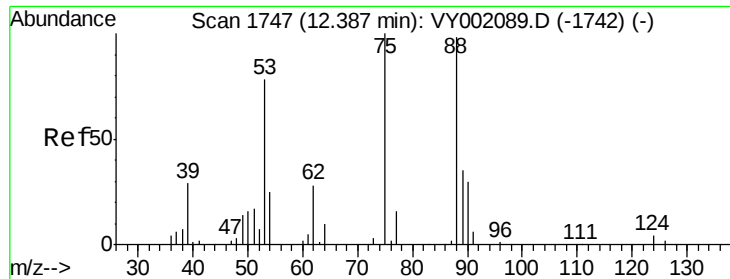
Tot Ion: 91 Resp: 124282
 Ion Ratio Lower Upper
 91 100
 126 34.2 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.796 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

Tgt Ion: 105 Resp: 152900
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.672 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

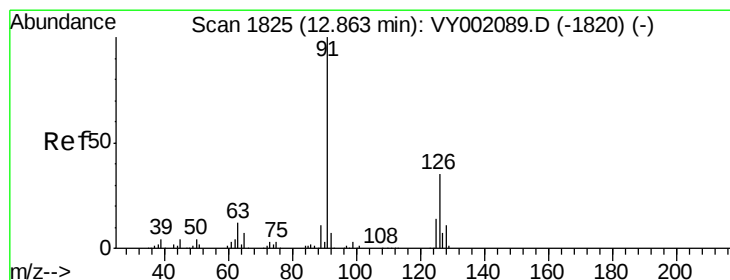
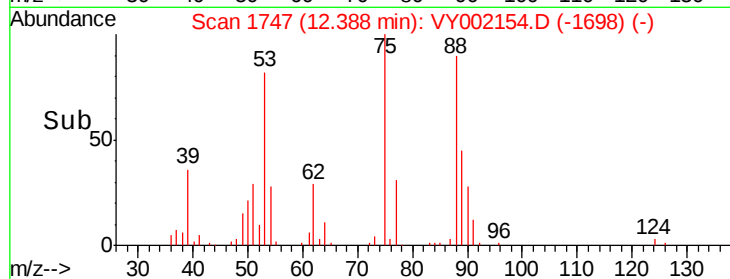
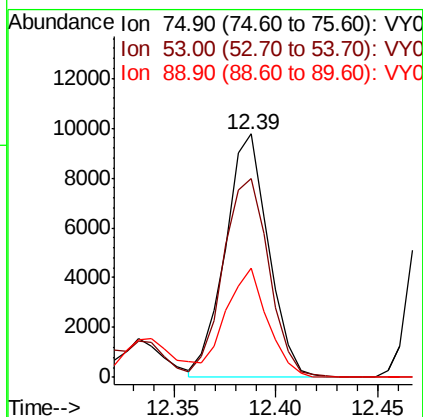
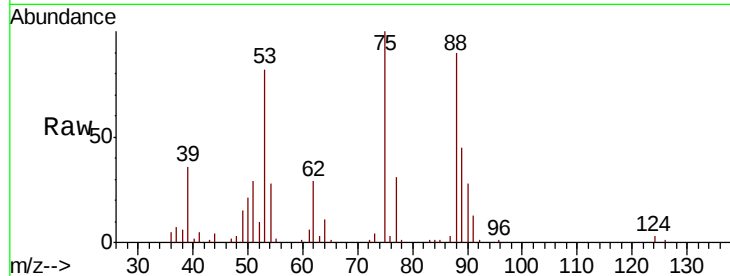
Tot Ion: 75 Resp: 14339

Ion Ratio Lower Upper

75 100

53 86.6 65.0 97.4

89 43.0 33.4 50.0



#82

4-Chlorotoluene

Concen: 20.839 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002154.D

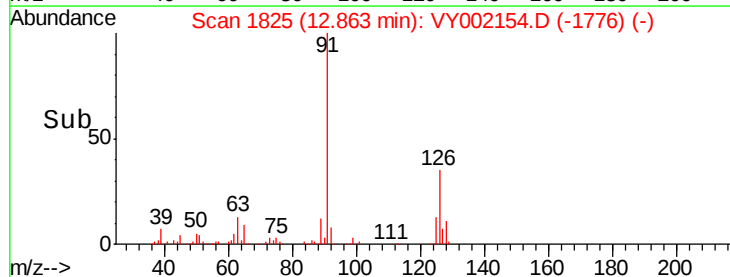
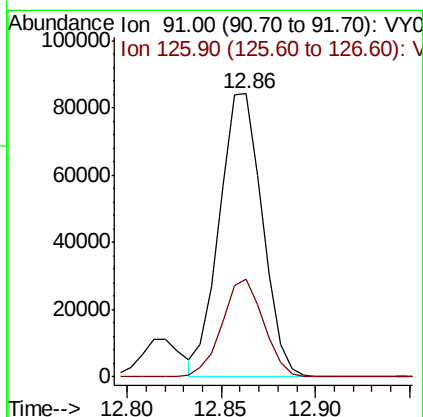
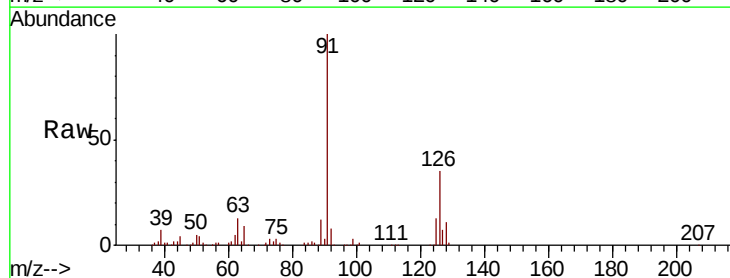
Acq: 01 Apr 2020 11:59

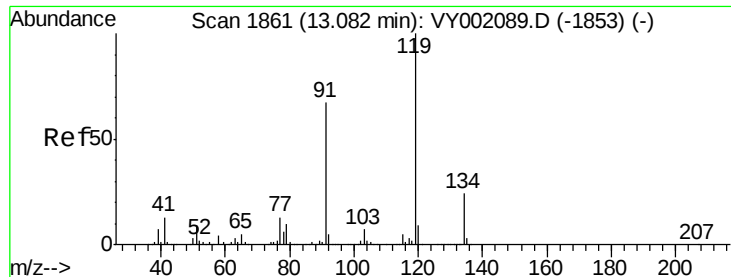
Tgt Ion: 91 Resp: 133338

Ion Ratio Lower Upper

91 100

126 33.4 16.3 48.9

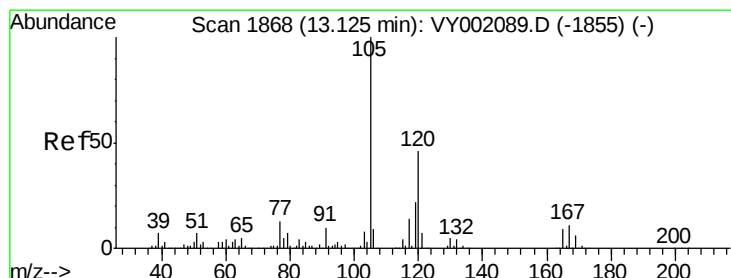
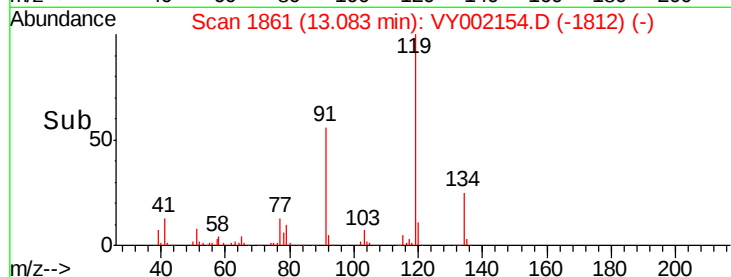
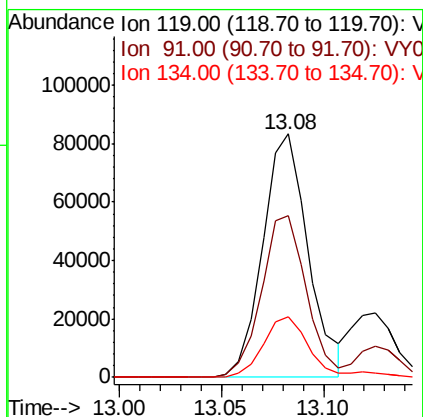
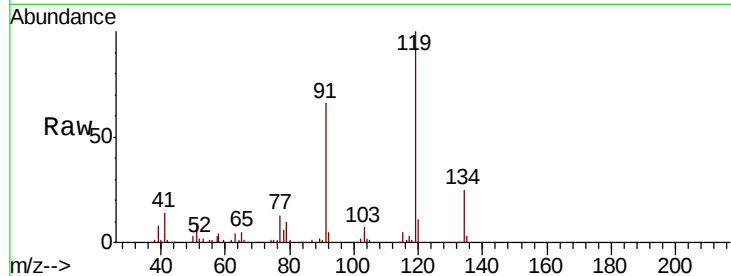




#83
tert-Butylbenzene
Concen: 21.122 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

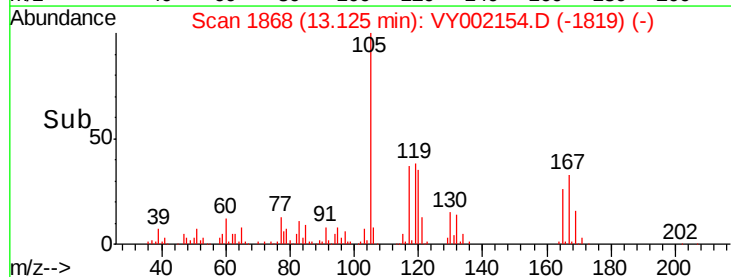
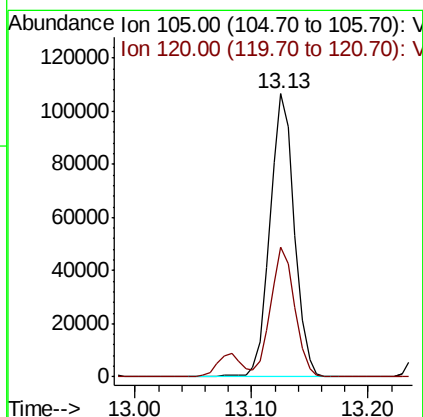
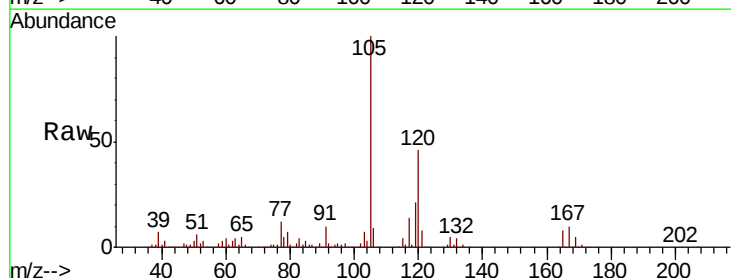
Instrument :
MSVOA_Y
ClientSampled :

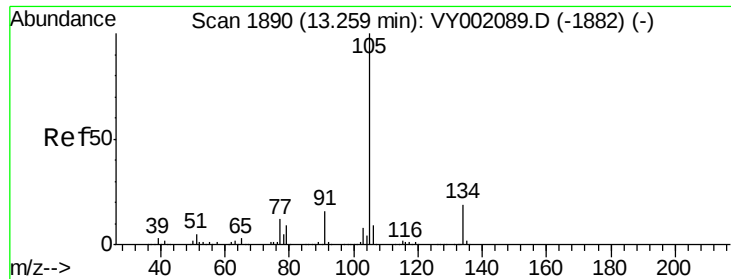
Tot Ion:119 Resp: 129628
Ion Ratio Lower Upper
119 100
91 65.3 32.9 98.6
134 26.1 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 21.180 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY002154.D
Acq: 01 Apr 2020 11:59

Tgt Ion:105 Resp: 155374
Ion Ratio Lower Upper
105 100
120 45.0 22.9 68.5





#85

sec-Butylbenzene

Concen: 21.176 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Instrument :

MSVOA_Y

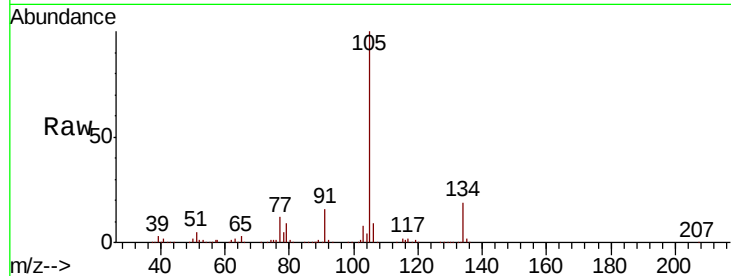
ClientSampled :

Tot Ion:105 Resp: 192491

Ion Ratio Lower Upper

105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

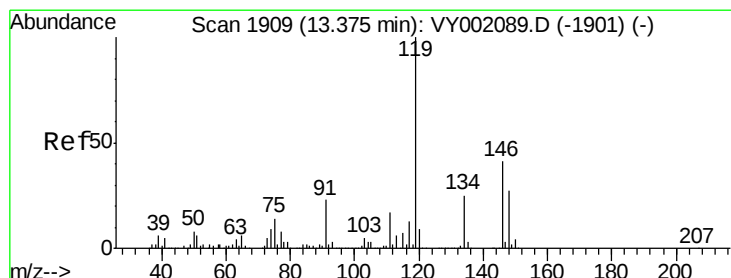
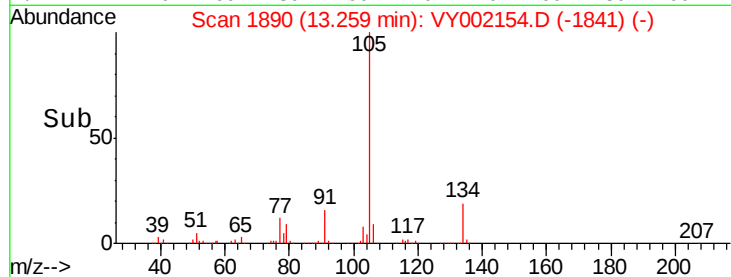
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.409 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

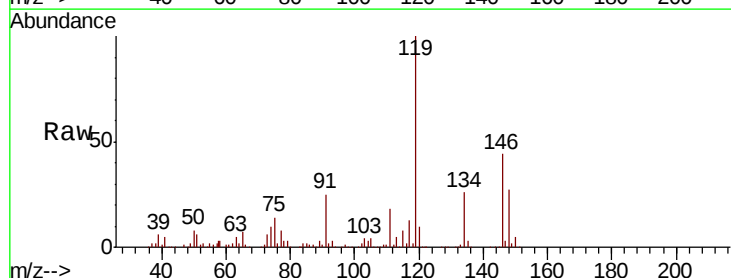
Tgt Ion:119 Resp: 167121

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.1 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

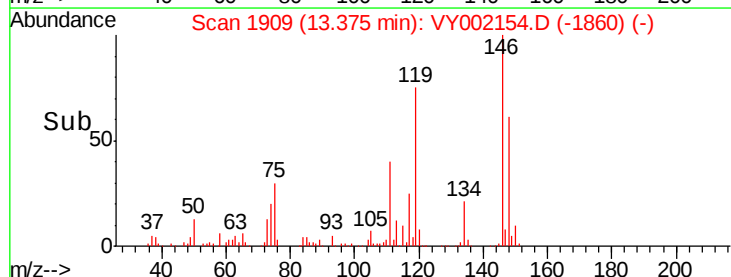
150000

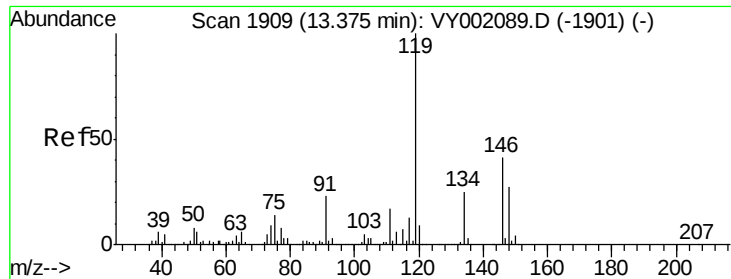
100000

50000

0

Time-->

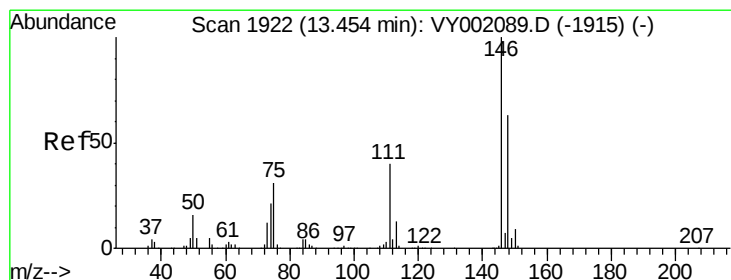
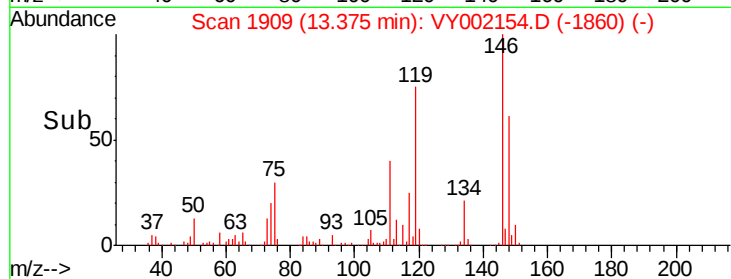
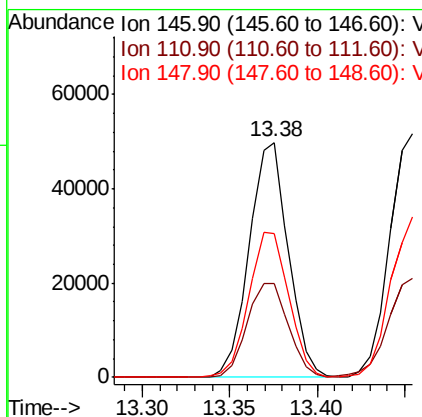
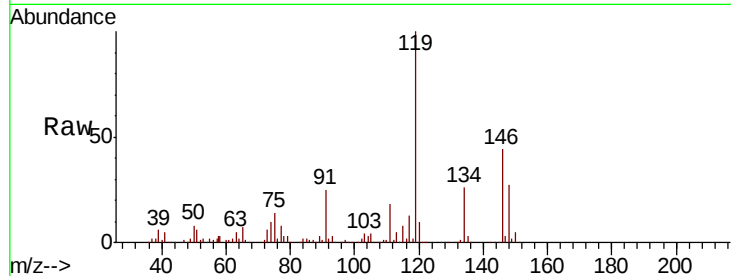




#87
 1,3-Dichlorobenzene
 Concen: 20.758 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

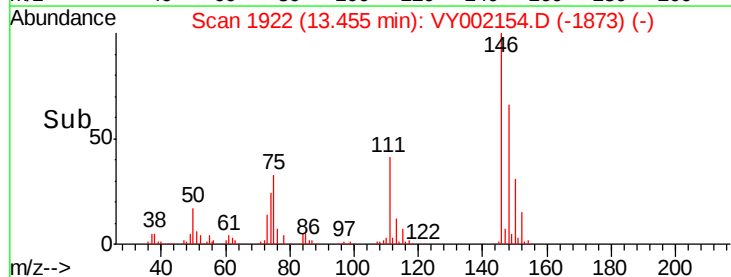
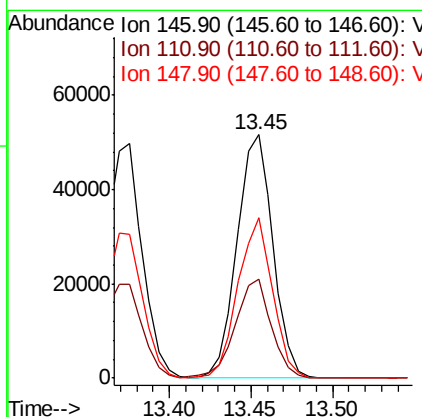
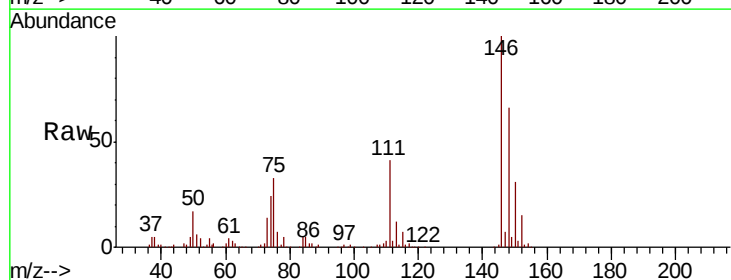
Instrument :
 MSVOA_Y
 ClientSampleId :

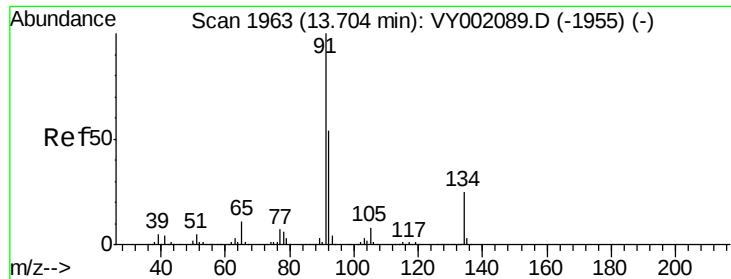
Tot Ion:146 Resp: 77252
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.9 62.8
 148 63.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.181 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

Tgt Ion:146 Resp: 79324
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 60.9
 148 63.4 31.5 94.5





#89

n-Butylbenzene

Concen: 21.020 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

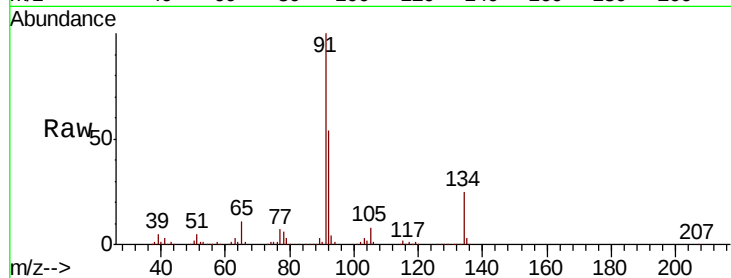
Tot Ion: 91 Resp: 170967

Ion Ratio Lower Upper

91 100

92 54.0 27.0 81.0

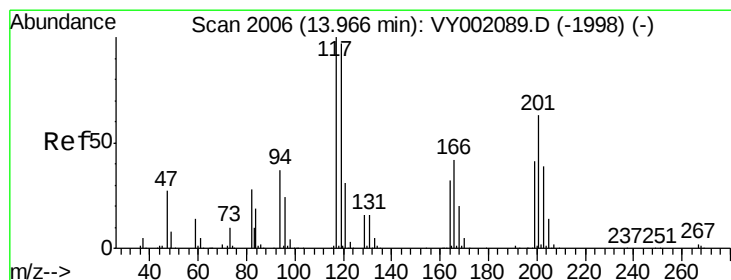
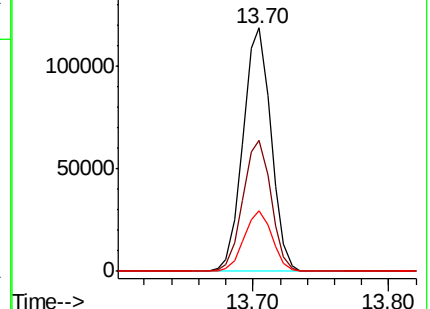
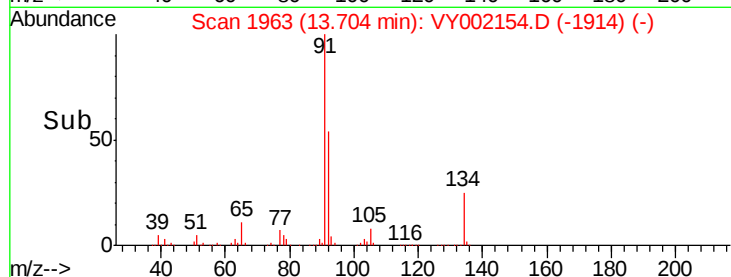
134 25.0 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY002154.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY002154.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY002154.D (-1914) (-)



#90

Hexachloroethane

Concen: 20.414 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY002154.D

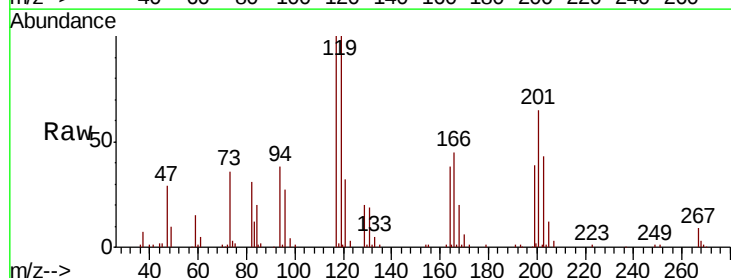
Acq: 01 Apr 2020 11:59

Tgt Ion: 117 Resp: 30027

Ion Ratio Lower Upper

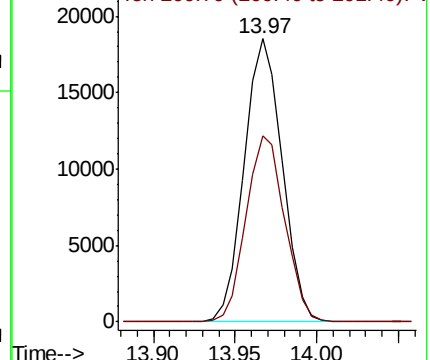
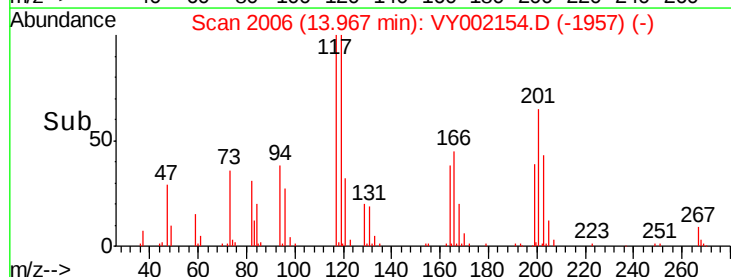
117 100

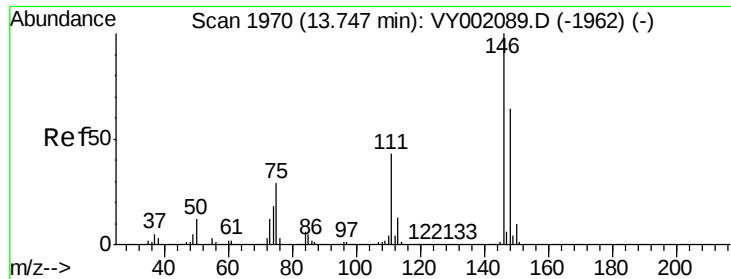
201 67.0 31.6 94.8



Abundance Ion 116.80 (116.50 to 117.50): VY002154.D (-1957) (-)

Ion 200.70 (200.40 to 201.40): VY002154.D (-1957) (-)

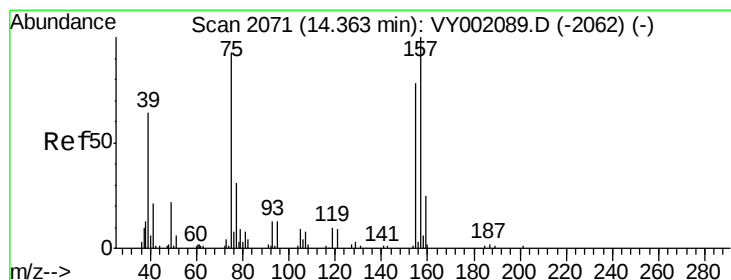
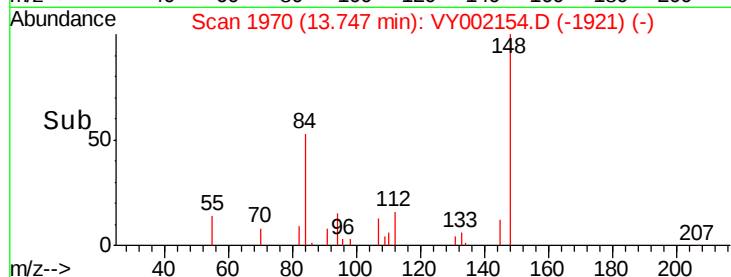
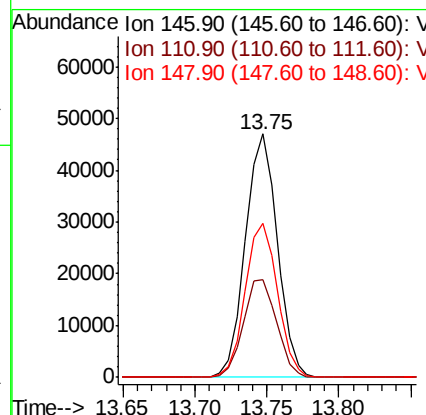
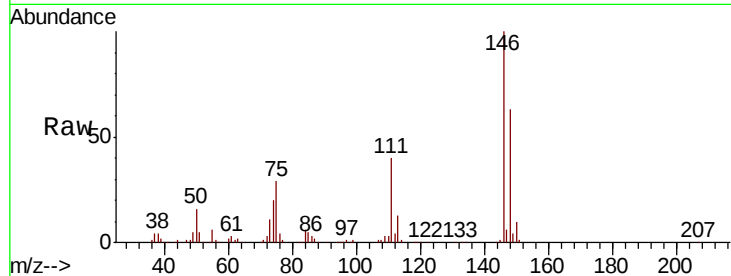




#91
 1,2-Dichlorobenzene
 Concen: 21.055 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

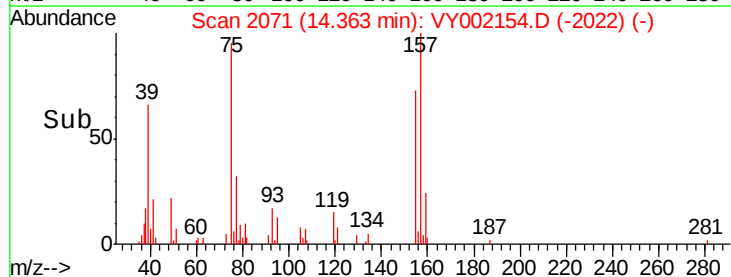
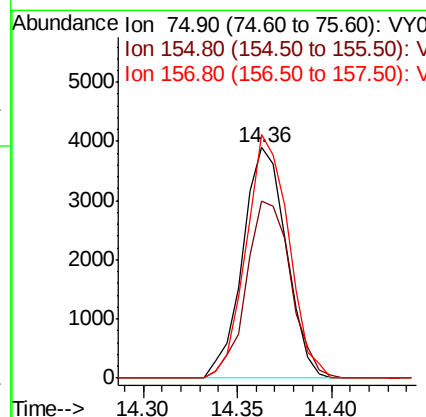
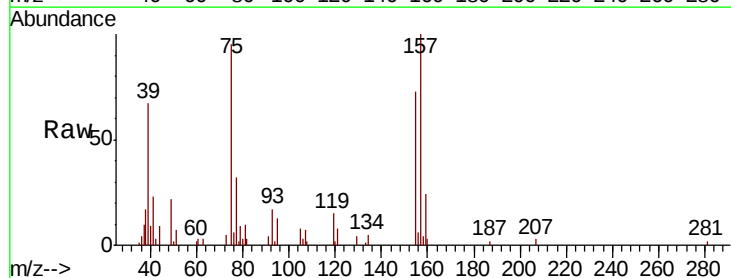
Instrument :
 MSVOA_Y
 ClientSampleId :

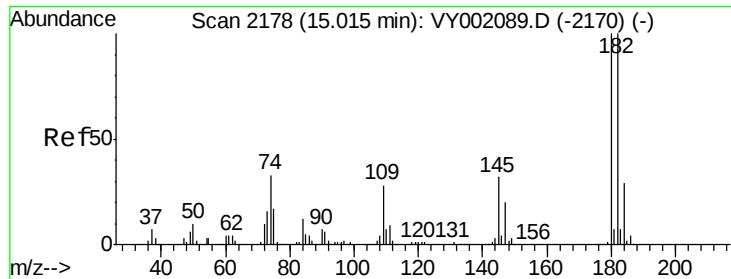
Tot Ion:146 Resp: 72363
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.3 63.7
 148 63.7 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.317 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

Tgt Ion: 75 Resp: 6241
 Ion Ratio Lower Upper
 75 100
 155 78.5 41.6 124.9
 157 102.8 53.4 160.3

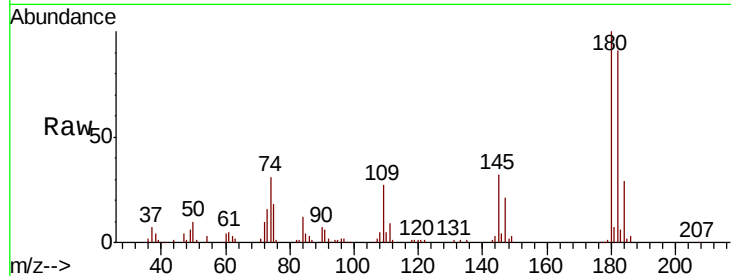




#93
 1,2,4-Trichlorobenzene
 Concen: 20.690 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.1	144.3
145	31.9	15.9	47.6

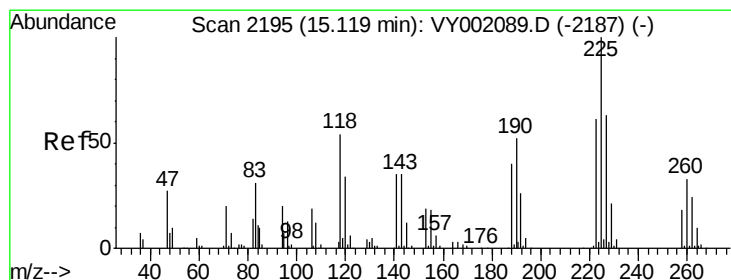
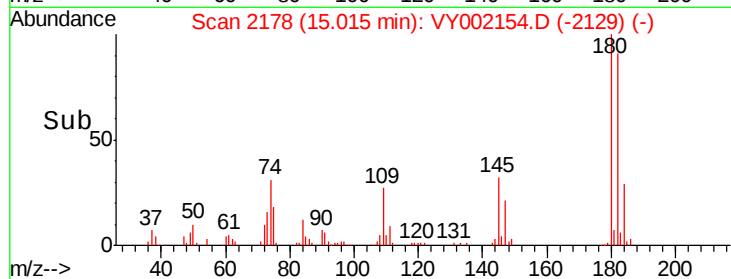
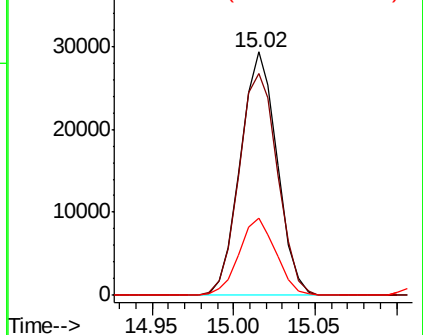


Abundance

Ion 179.80 (179.50 to 180.50): V

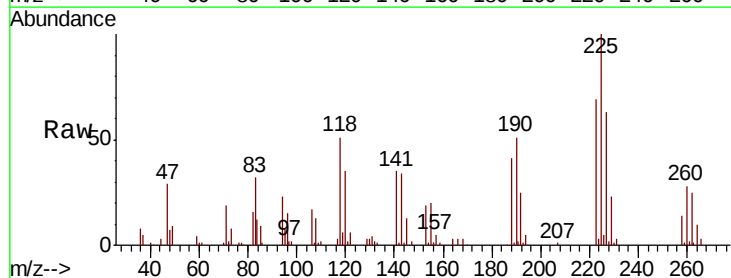
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.430 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002154.D
 Acq: 01 Apr 2020 11:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.1	93.3
227	63.8	31.6	94.7

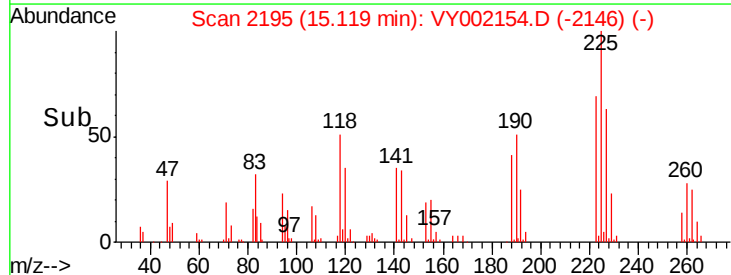
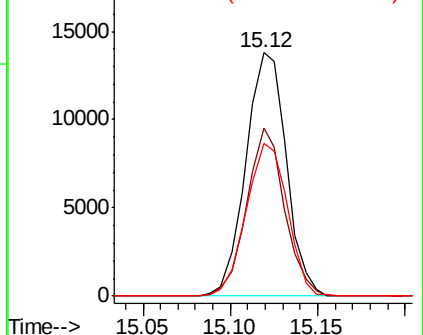


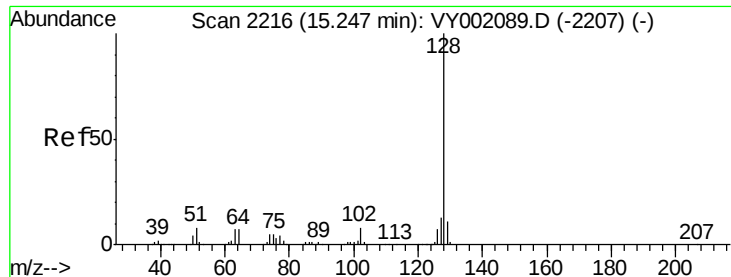
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.917 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

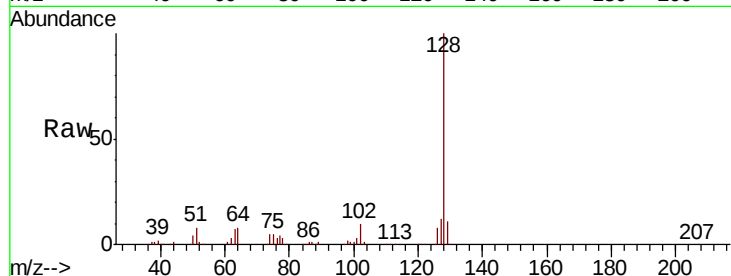
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:128 Resp: 104791

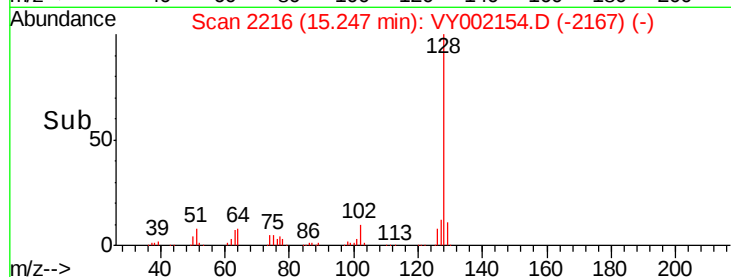
Ion	Ratio	Lower	Upper
128	100		
127	12.5	9.8	14.8
129	11.2	8.6	13.0



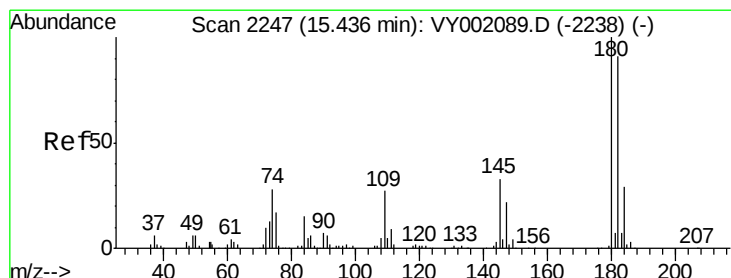
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.927 ug/l

RT: 15.44 min Scan# 2247

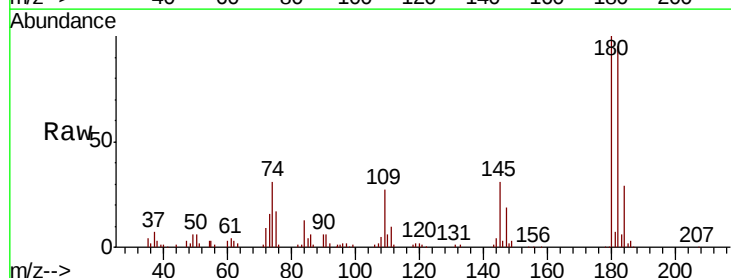
Delta R.T. 0.00 min

Lab File: VY002154.D

Acq: 01 Apr 2020 11:59

Tgt Ion:180 Resp: 40029

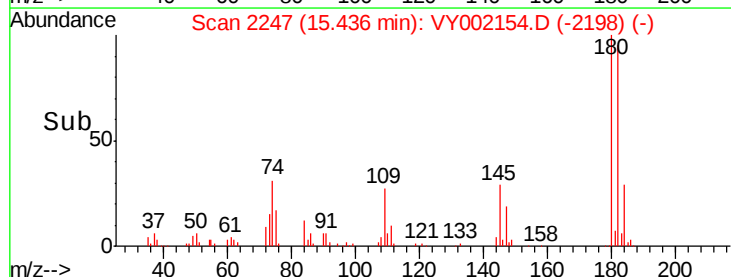
Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.8	140.3
145	33.6	16.7	50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->