

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001292.D
 Acq On : 20 Jan 2020 13:58
 Operator : SY/MD
 Sample : VY0120SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 07:00:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	197117	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	344028	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	302163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	143550	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	104994	50.43	ug/l	-0.01
Spiked Amount			Recovery	=	100.86%	
35) Dibromofluoromethane	7.74	113	97637	48.47	ug/l	-0.01
Spiked Amount			Recovery	=	96.94%	
50) Toluene-d8	10.19	98	402447	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.49	95	146928	46.30	ug/l	0.00
Spiked Amount			Recovery	=	92.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	28460	18.800	ug/l	94
3) Chloromethane	2.13	50	43278	19.833	ug/l	100
4) Vinyl Chloride	2.26	62	45717	20.796	ug/l	97
5) Bromomethane	2.66	94	32317	27.368	ug/l	97
6) Chloroethane	2.80	64	30401	23.937	ug/l	97
7) Trichlorofluoromethane	3.14	101	60972	19.926	ug/l	99
8) Diethyl Ether	3.54	74	24827	20.880	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	40187	20.403	ug/l	99
10) Methyl Iodide	4.11	142	47676	17.684	ug/l	98
11) Tert butyl alcohol	4.98	59	32460	154.965	ug/l #	93
12) 1,1-Dichloroethene	3.89	96	40389	20.043	ug/l	100
13) Acrolein	3.75	56	20013	106.129	ug/l	98
14) Allyl chloride	4.50	41	71811	21.115	ug/l	99
15) Acrylonitrile	5.19	53	63642	107.025	ug/l	100
16) Acetone	3.97	43	56440	116.731	ug/l	99
17) Carbon Disulfide	4.21	76	122428	18.772	ug/l	97
18) Methyl Acetate	4.50	43	33259	20.805	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	118552	21.269	ug/l	96
20) Methylene Chloride	4.74	84	55574	21.518	ug/l	94
21) trans-1,2-Dichloroethene	5.24	96	46816	20.489	ug/l	95
22) Diisopropyl ether	6.14	45	148712	21.408	ug/l	98
23) Vinyl Acetate	6.08	43	483967	108.938	ug/l	99
24) 1,1-Dichloroethane	6.05	63	81465	21.422	ug/l	96
25) 2-Butanone	7.01	43	89274	118.636	ug/l	94
26) 2,2-Dichloropropane	7.00	77	73067	20.894	ug/l	97
27) cis-1,2-Dichloroethene	7.01	96	53201	21.249	ug/l	99
28) Bromochloromethane	7.36	49	29553	18.924	ug/l	99
29) Tetrahydrofuran	7.37	42	55402	107.432	ug/l	96
30) Chloroform	7.53	83	79215	21.259	ug/l	98
31) Cyclohexane	7.80	56	79448	19.731	ug/l	91
32) 1,1,1-Trichloroethane	7.72	97	67764	20.496	ug/l	100
36) 1,1-Dichloropropene	7.94	75	63313	20.192	ug/l	98
37) Ethyl Acetate	7.10	43	37569	20.416	ug/l	98
38) Carbon Tetrachloride	7.92	117	58110	20.222	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	83491	19.640	ug/l	98
40) Benzene	8.18	78	190236	20.784	ug/l	99
41) Methacrylonitrile	7.37	41	50352	58.250	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	53002	20.680	ug/l	99
43) Isopropyl Acetate	8.29	43	73984	21.025	ug/l	98
44) Trichloroethene	8.96	130	49360	20.696	ug/l	97
45) 1,2-Dichloropropane	9.24	63	48535	21.449	ug/l	99
46) Dibromomethane	9.32	93	25926	20.999	ug/l	99
47) Bromodichloromethane	9.51	83	61878	20.565	ug/l	98
48) Methyl methacrylate	9.31	41	33014	20.274	ug/l	99
49) 1,4-Dioxane	9.31	88	6727	447.405	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	188214	105.413	ug/l	98
52) Toluene	10.26	92	119626	20.491	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	66963	19.888	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	78587	20.702	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	39076	21.349	ug/l	99
56) Ethyl methacrylate	10.52	69	56138	20.051	ug/l	98
57) 1,3-Dichloropropane	10.80	76	67282	21.412	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.80	63	103782	105.392	ug/l	99
59) 2-Hexanone	10.85	43	130486	104.277	ug/l	99
60) Dibromochloromethane	11.00	129	43173	20.486	ug/l	100
61) 1,2-Dibromoethane	11.10	107	36410	20.373	ug/l	100
64) Tetrachloroethene	10.73	164	38849	19.945	ug/l	98
65) Chlorobenzene	11.53	112	125659	20.812	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	43669	20.985	ug/l	97
67) Ethyl Benzene	11.60	91	233539	21.145	ug/l	100
68) m/p-Xylenes	11.71	106	175291	42.072	ug/l	100
69) o-Xylene	12.04	106	83381	20.873	ug/l	99
70) Styrene	12.05	104	145686	20.785	ug/l	98
71) Bromoform	12.22	173	24733	19.273	ug/l #	99
73) Isopropylbenzene	12.34	105	222973	20.661	ug/l	99
74) N-amyl acetate	12.16	43	70395	20.902	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	46963	20.684	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	61027	39.713	ug/l #	100
77) Bromobenzene	12.62	156	49865	20.911	ug/l	96
78) n-propylbenzene	12.68	91	272319	20.979	ug/l	100
79) 2-Chlorotoluene	12.77	91	152221	20.419	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	187376	20.810	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	16893	18.642	ug/l #	96
82) 4-Chlorotoluene	12.86	91	161330	20.271	ug/l	97
83) tert-Butylbenzene	13.08	119	158716	20.977	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	190074	21.257	ug/l	100
85) sec-Butylbenzene	13.27	105	231909	21.306	ug/l	100
86) p-Isopropyltoluene	13.38	119	205497	21.745	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	97965	21.723	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	98829	21.293	ug/l	99
89) n-Butylbenzene	13.70	91	205574	21.598	ug/l	99
90) Hexachloroethane	13.97	117	38740	20.979	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	90206	21.523	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	8303	20.273	ug/l	97

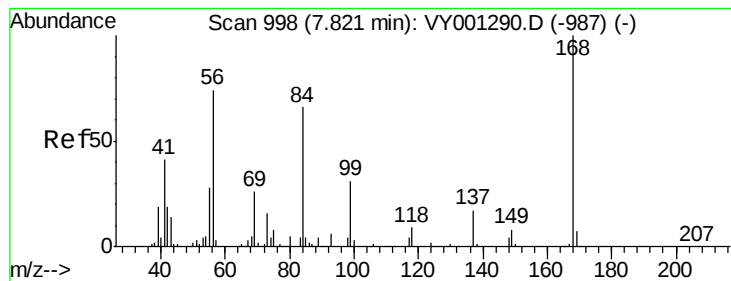
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	60501	21.909	ug/l	100
94) Hexachlorobutadiene	15.12	225	31182	22.414	ug/l	97
95) Naphthalene	15.25	128	135266	21.041	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	53762	22.090	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

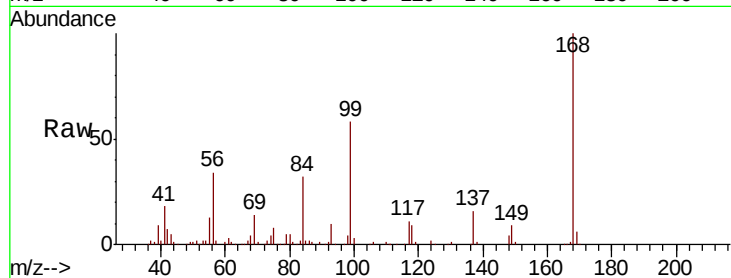
ClientSampleId :

Tot Ion:168 Resp: 197117

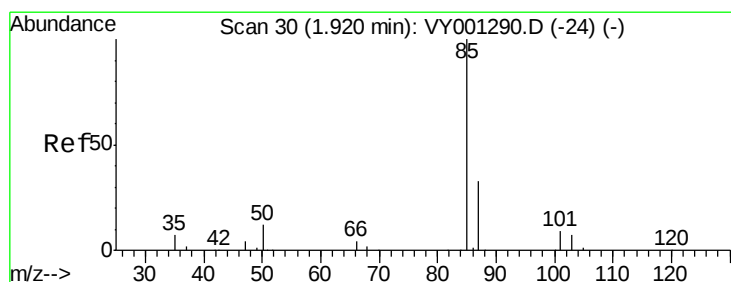
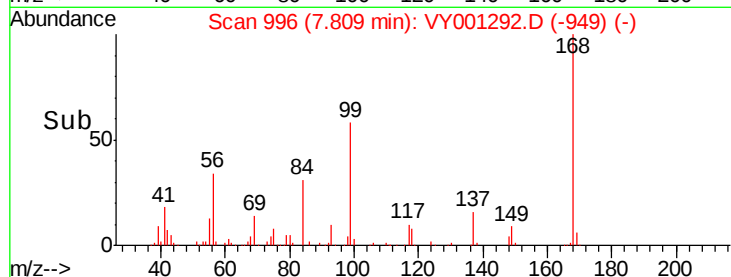
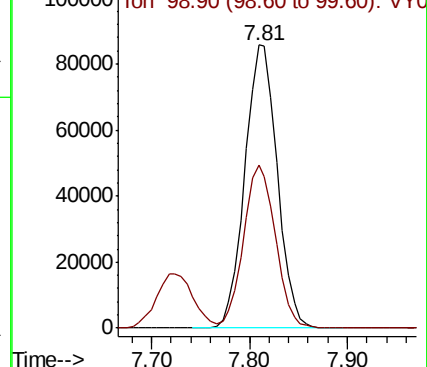
Ion Ratio Lower Upper

168 100

99 57.8 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001290.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 18.800 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001292.D

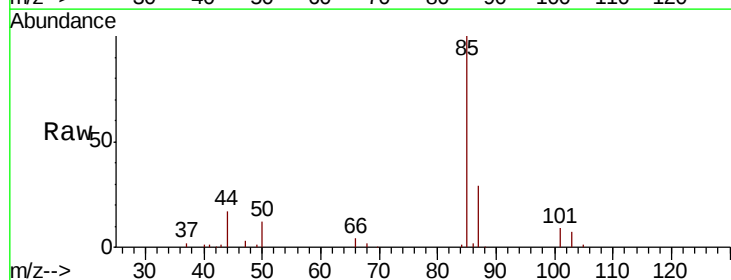
Acq: 20 Jan 2020 13:58

Tgt Ion: 85 Resp: 28460

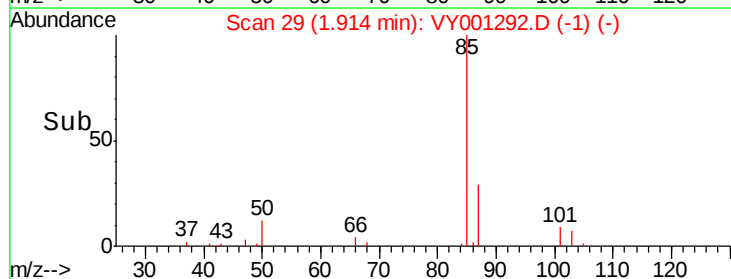
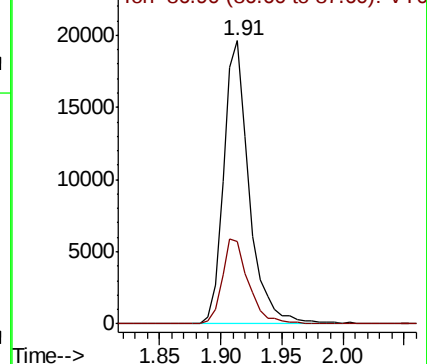
Ion Ratio Lower Upper

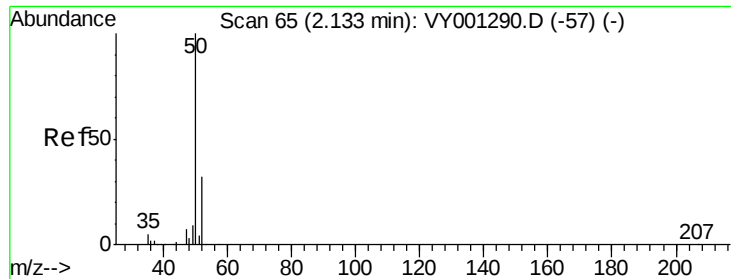
85 100

87 29.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001290.D (-24) (-)





#3

Chloromethane

Concen: 19.833 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

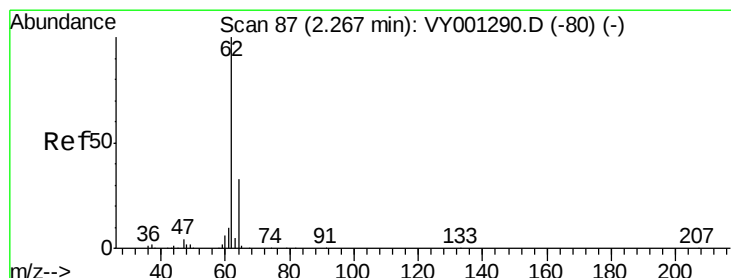
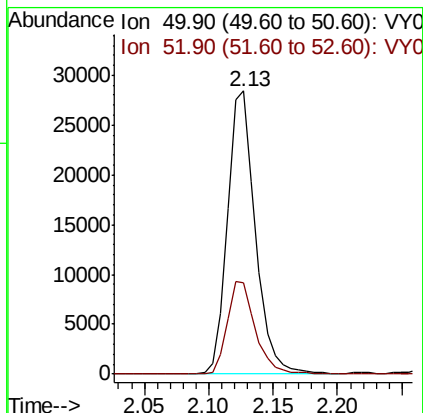
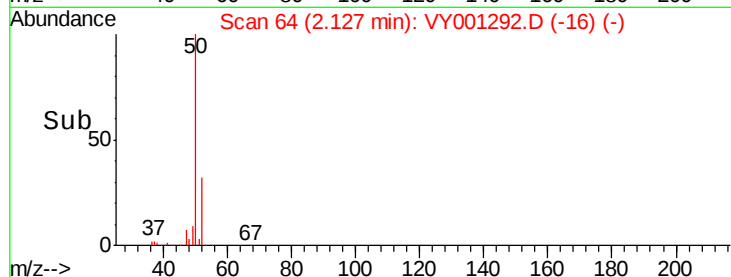
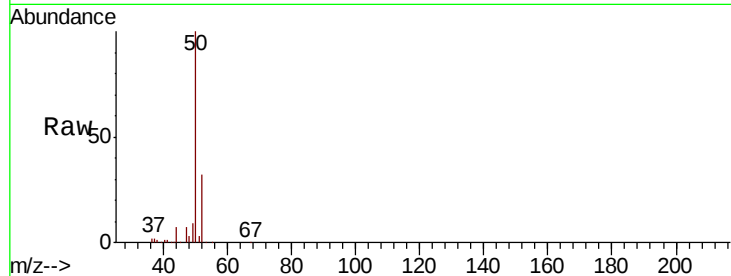
ClientSampleId :

Tot Ion: 50 Resp: 43278

Ion Ratio Lower Upper

50 100

52 32.1 25.8 38.6



#4

Vinyl Chloride

Concen: 20.796 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001292.D

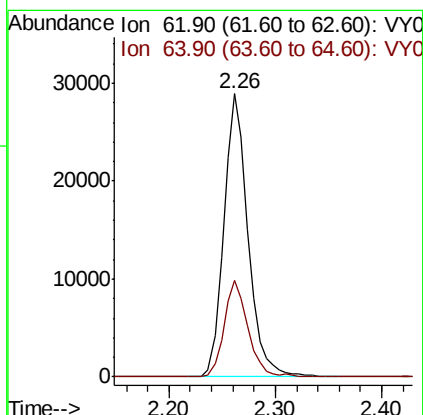
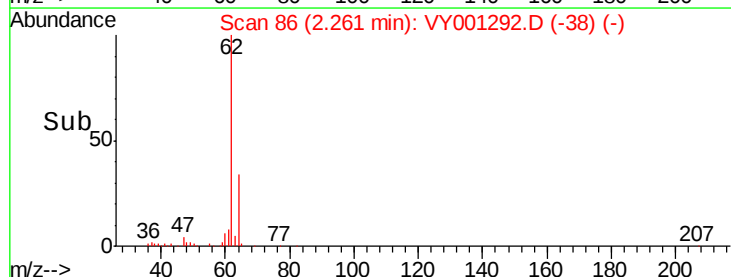
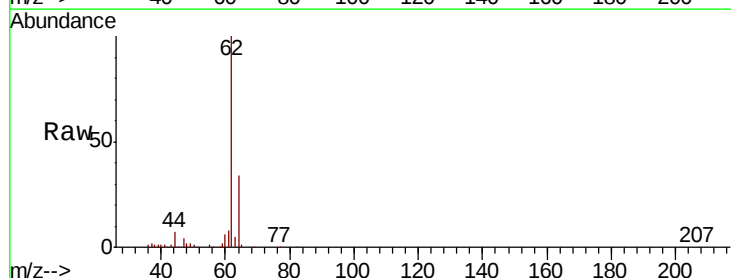
Acq: 20 Jan 2020 13:58

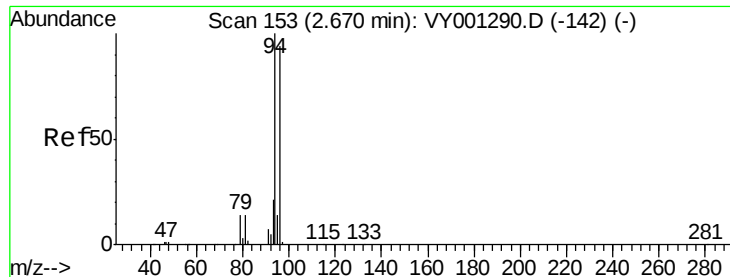
Tgt Ion: 62 Resp: 45717

Ion Ratio Lower Upper

62 100

64 34.1 25.8 38.8





#5

Bromomethane

Concen: 27.368 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

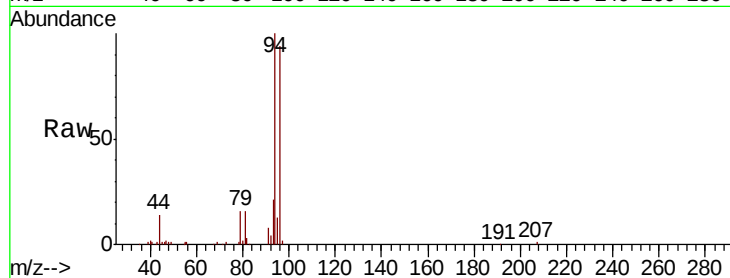
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 32317

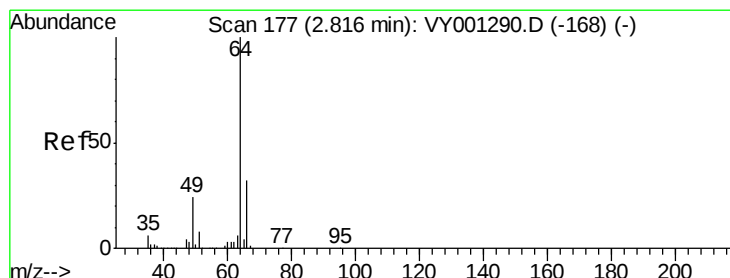
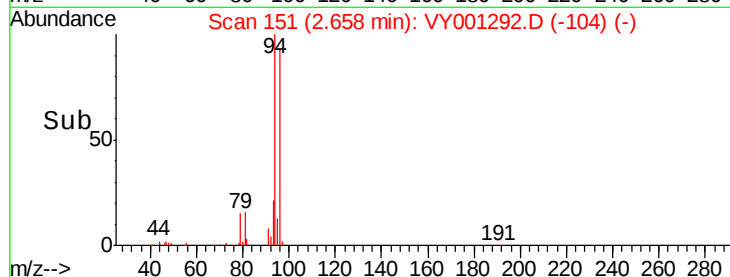
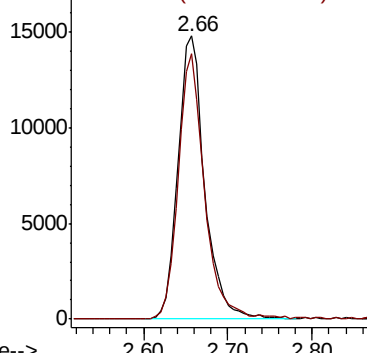
Ion Ratio Lower Upper

94 100

96 93.7 77.3 115.9



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 23.937 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001292.D

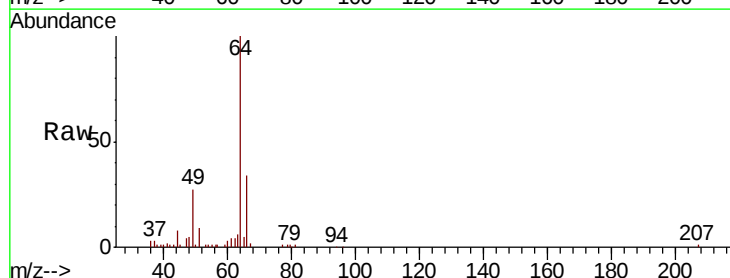
Acq: 20 Jan 2020 13:58

Tgt Ion: 64 Resp: 30401

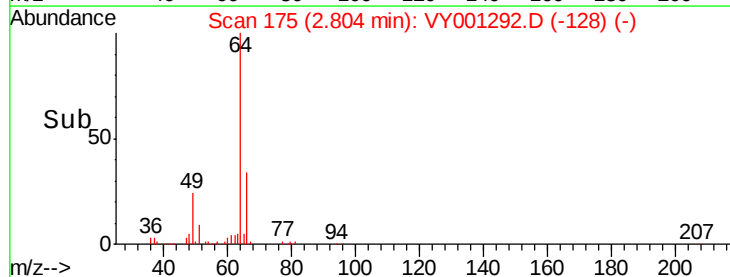
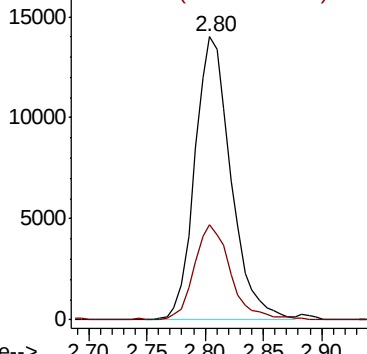
Ion Ratio Lower Upper

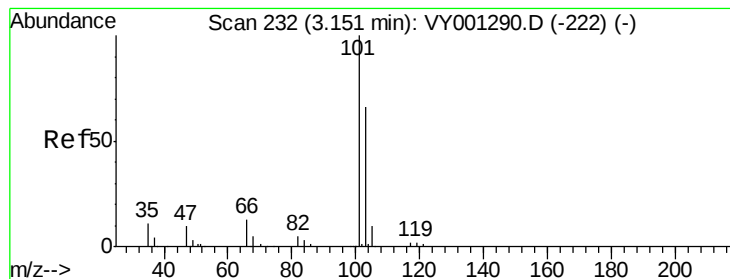
64 100

66 33.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



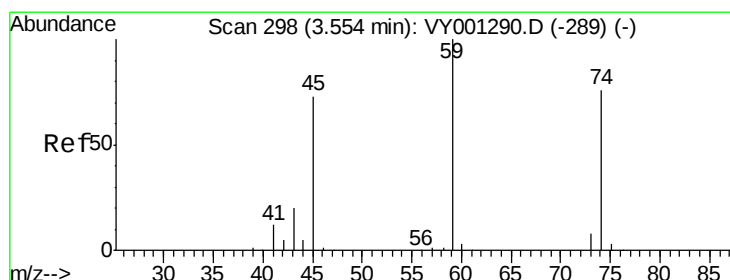
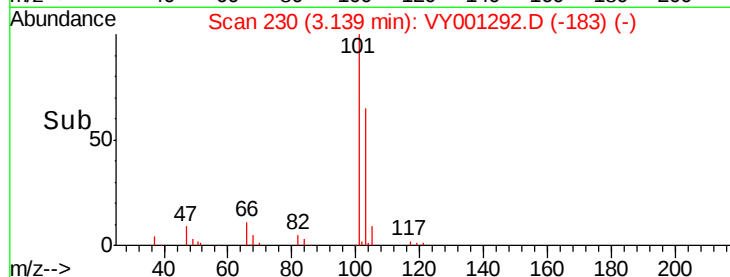
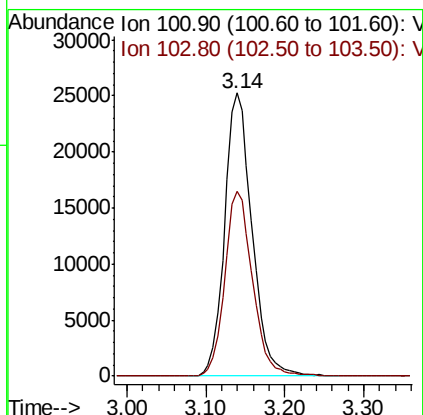
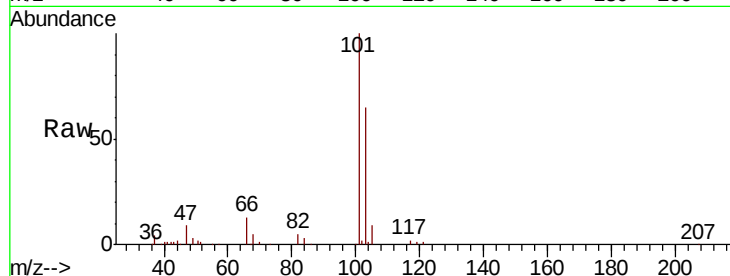


#7

Trichlorofluoromethane
 Concen: 19.926 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :

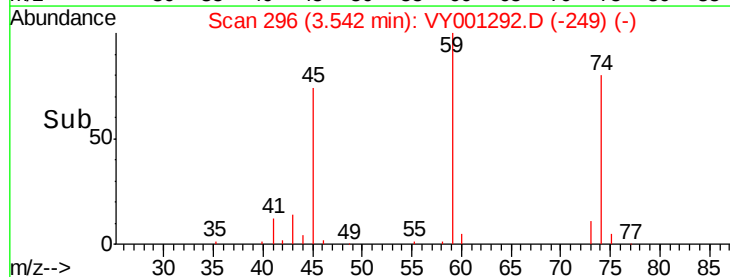
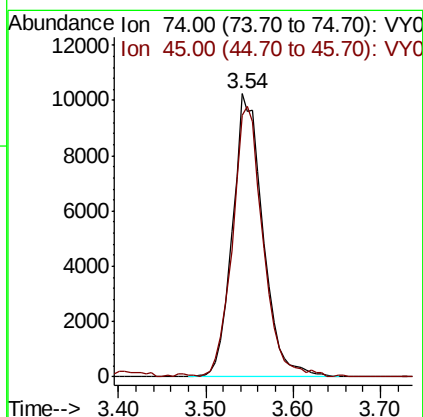
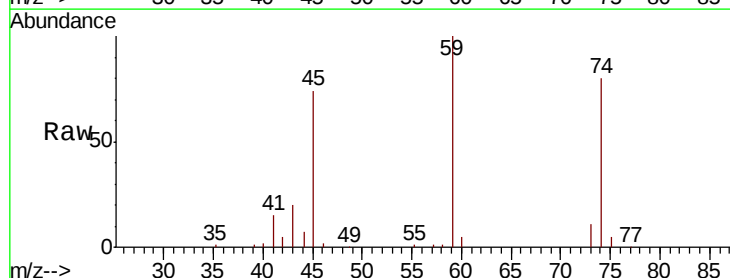
Tot Ion:101 Resp: 60972
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.6 79.0

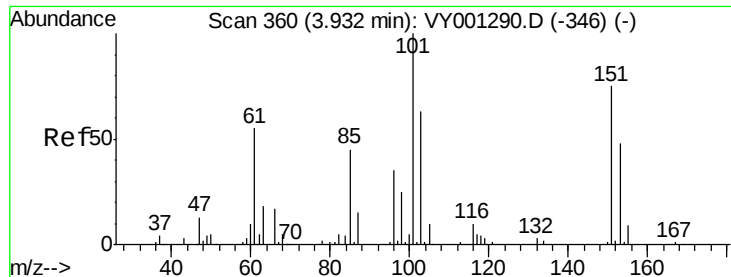


#8

Diethyl Ether
 Concen: 20.880 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion: 74 Resp: 24827
 Ion Ratio Lower Upper
 74 100
 45 95.8 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.403 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.02 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

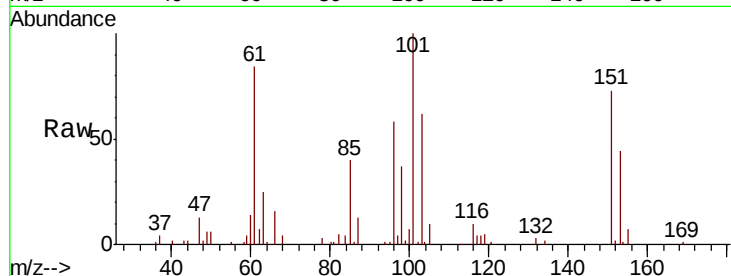
Tot Ion:101 Resp: 40187

Ion Ratio Lower Upper

101 100

85 43.8 35.2 52.8

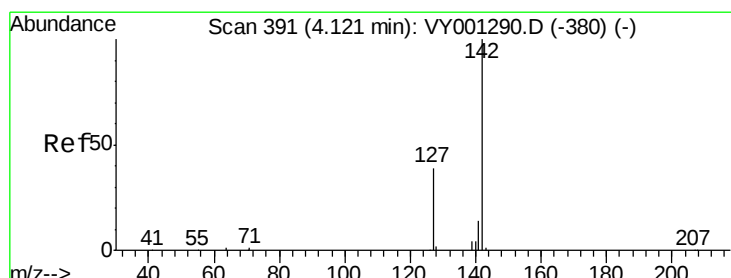
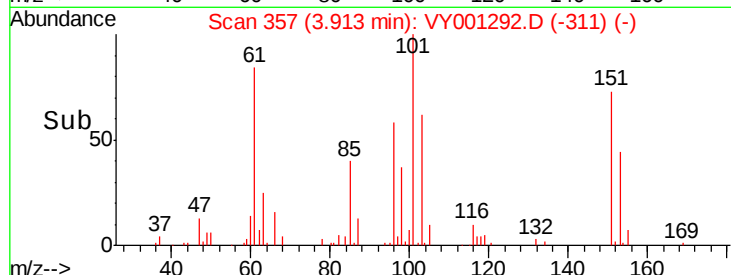
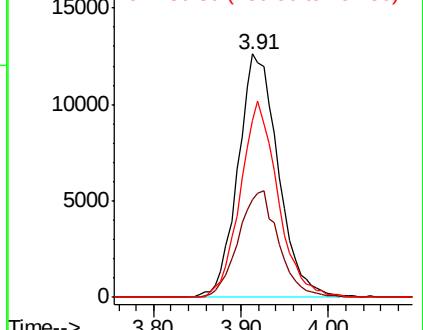
151 75.5 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.684 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

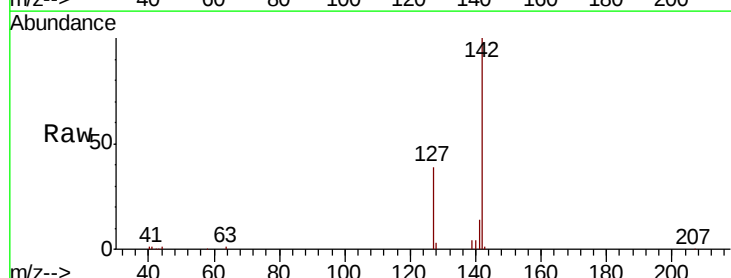
Tgt Ion:142 Resp: 47676

Ion Ratio Lower Upper

142 100

127 39.6 30.8 46.2

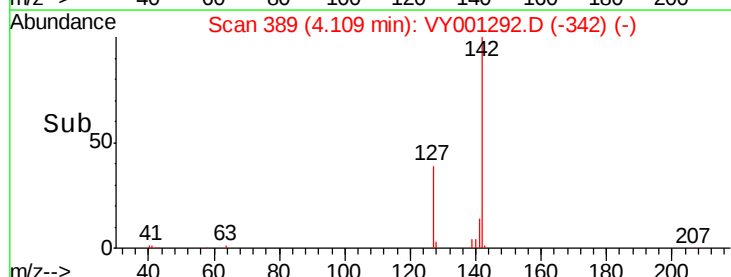
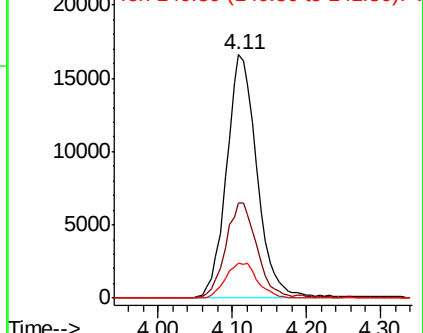
141 14.8 11.0 16.4

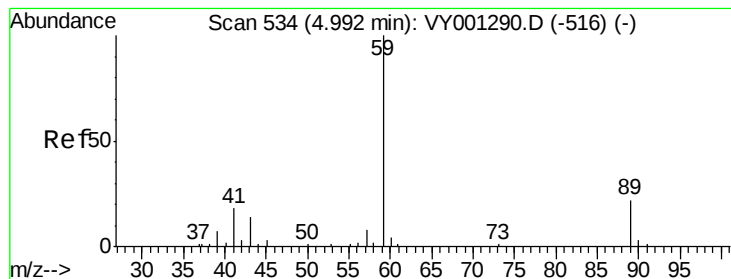


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



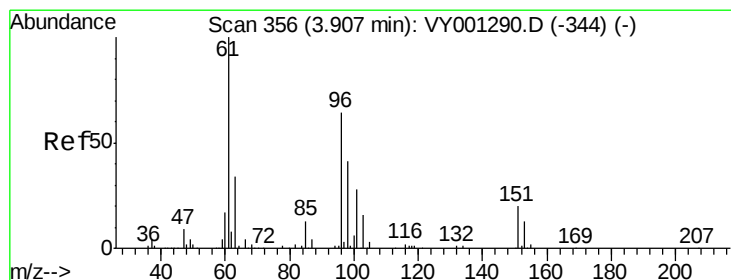
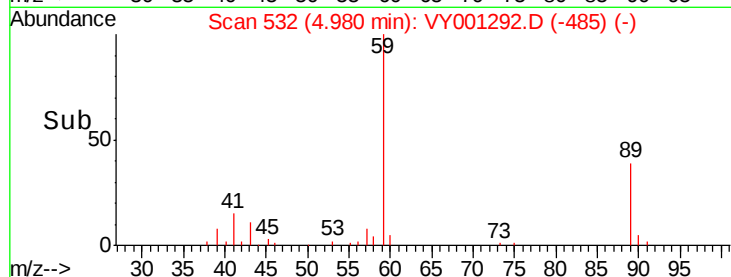
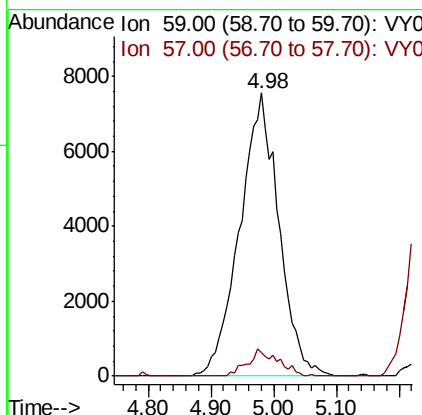
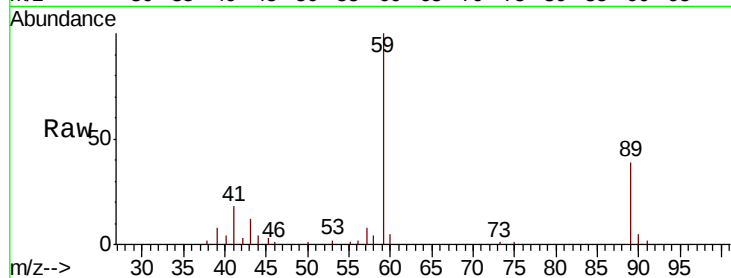


#11

Tert butyl alcohol
 Concen: 154.965 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :

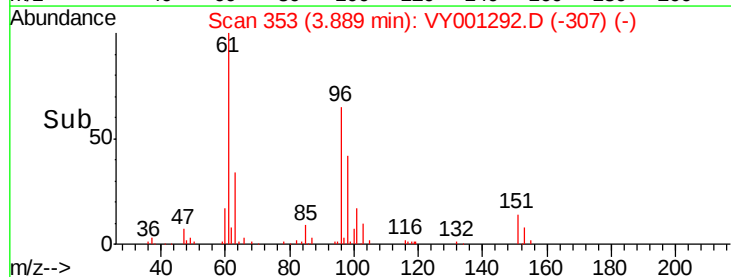
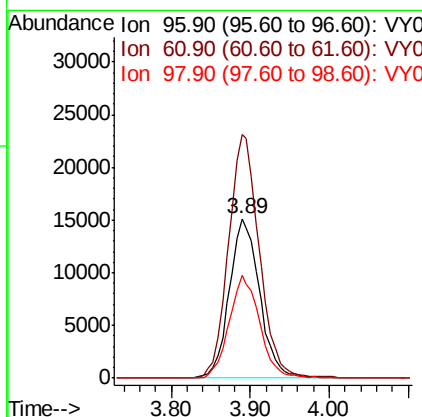
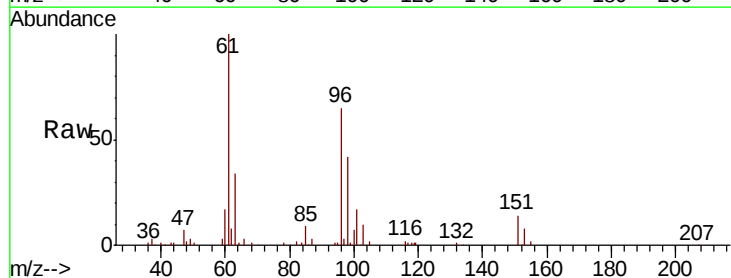
Tot Ion: 59 Resp: 32460
 Ion Ratio Lower Upper
 59 100
 57 7.4 7.8 11.8#

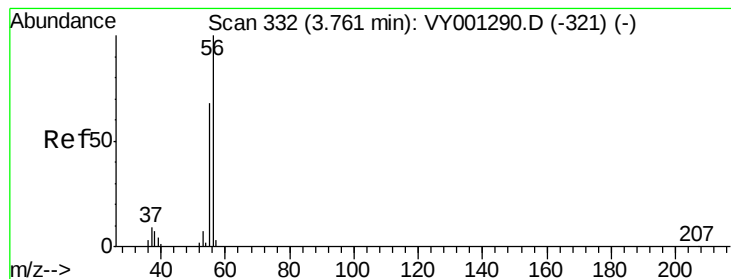


#12

1,1-Dichloroethene
 Concen: 20.043 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.02 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion: 96 Resp: 40389
 Ion Ratio Lower Upper
 96 100
 61 152.7 122.1 183.1
 98 64.7 51.0 76.6





#13

Acrolein

Concen: 106.129 ug/l

RT: 3.75 min Scan# 331

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

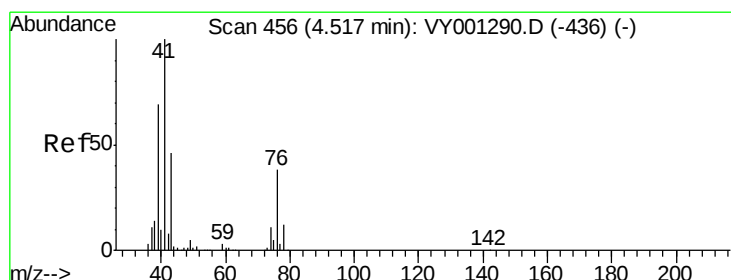
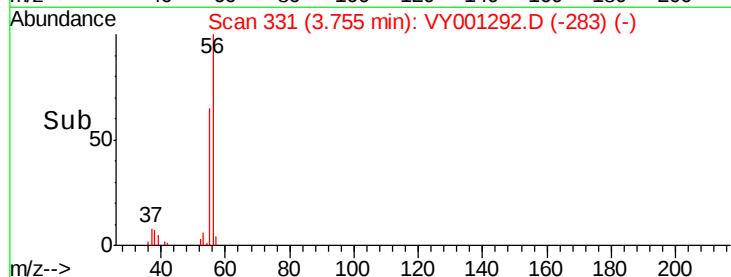
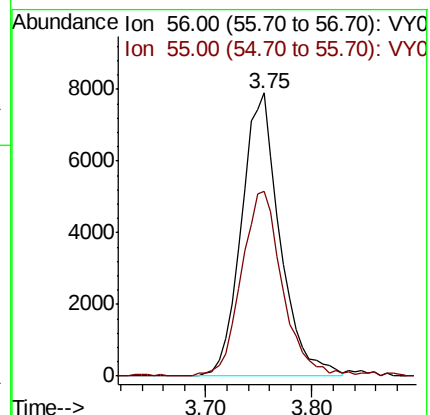
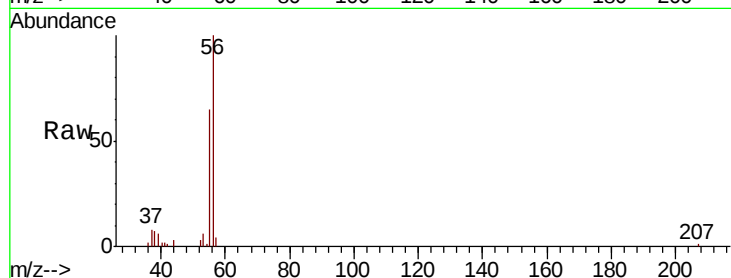
ClientSampleId :

Tot Ion: 56 Resp: 20013

Ion Ratio Lower Upper

56 100

55 69.6 56.7 85.1



#14

Allyl chloride

Concen: 21.115 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.02 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

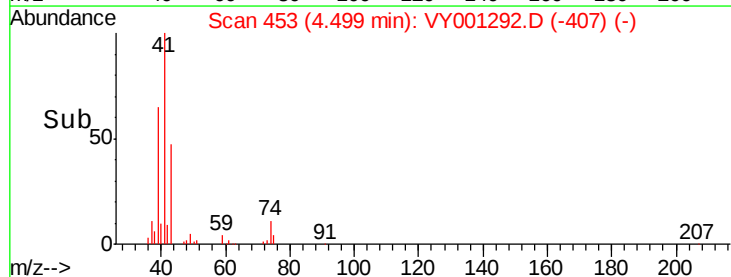
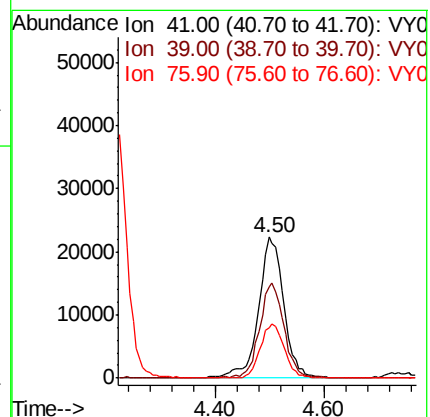
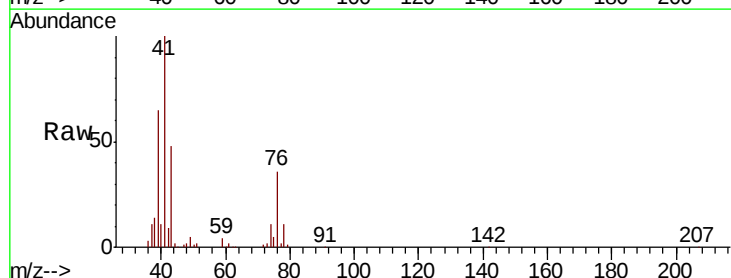
Tgt Ion: 41 Resp: 71811

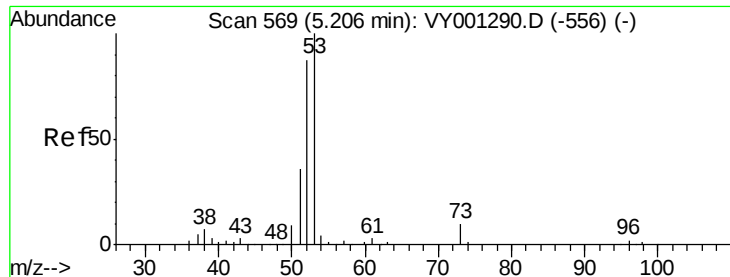
Ion Ratio Lower Upper

41 100

39 65.5 52.6 78.8

76 36.6 30.2 45.2





#15

Acrylonitrile

Concen: 107.025 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampled :

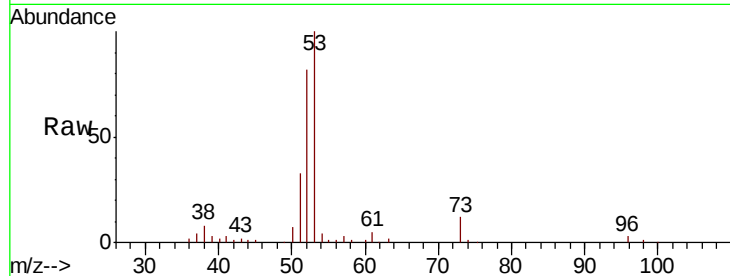
Tot Ion: 53 Resp: 63642

Ion Ratio Lower Upper

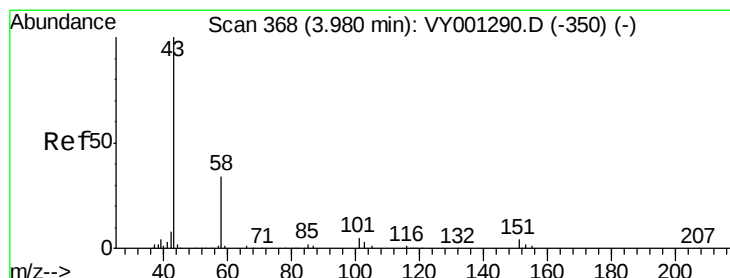
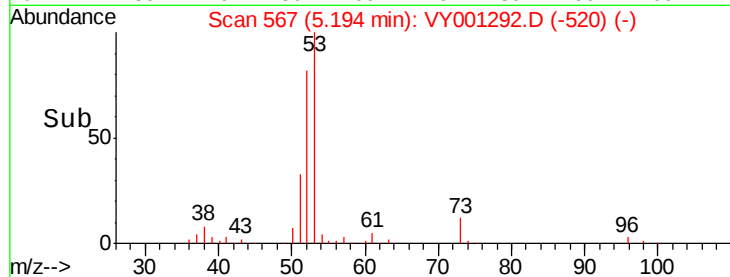
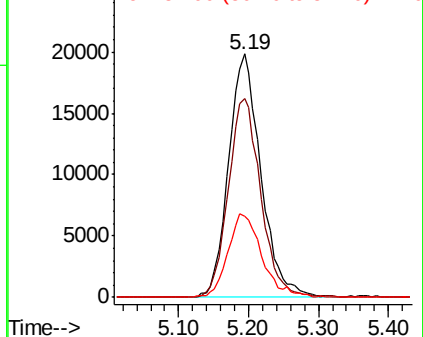
53 100

52 82.0 65.7 98.5

51 35.9 28.7 43.1



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



#16

Acetone

Concen: 116.731 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001292.D

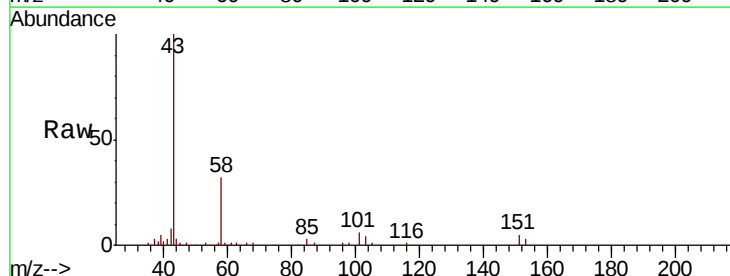
Acq: 20 Jan 2020 13:58

Tgt Ion: 43 Resp: 56440

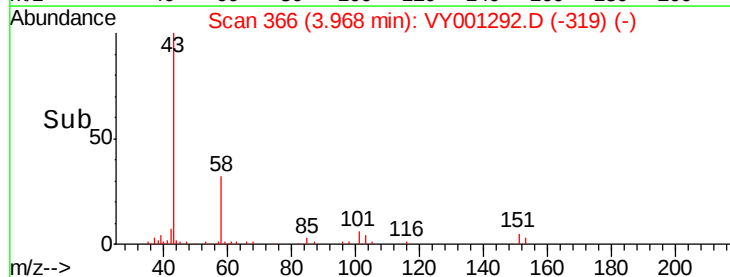
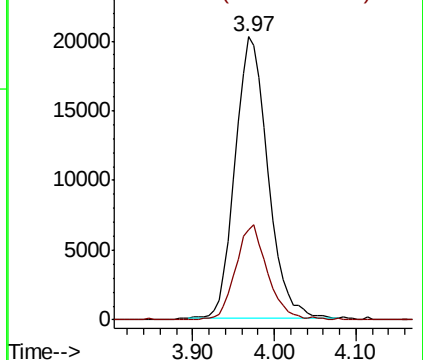
Ion Ratio Lower Upper

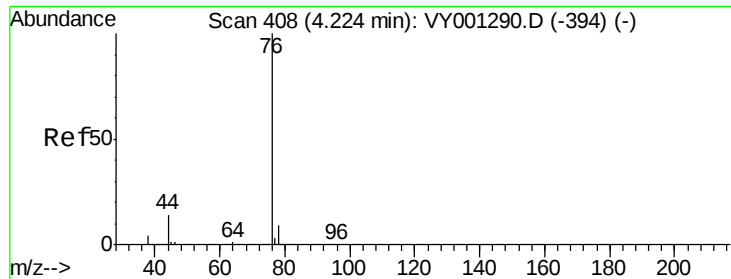
43 100

58 31.8 25.8 38.6



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

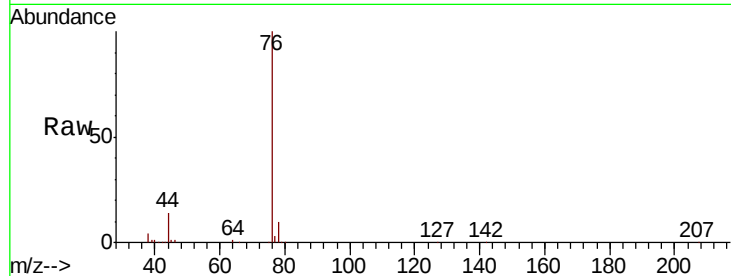




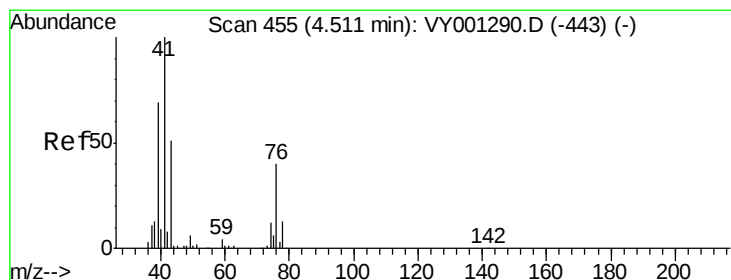
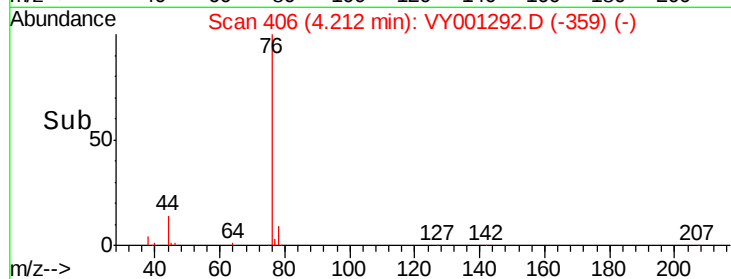
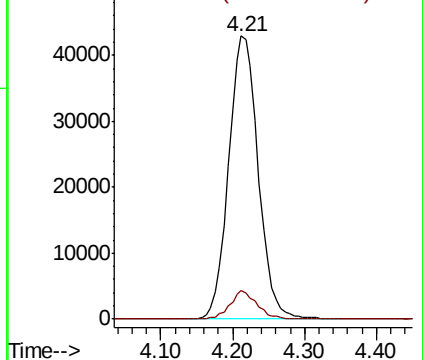
#17
Carbon Disulfide
Concen: 18.772 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 76 Resp: 122428
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8

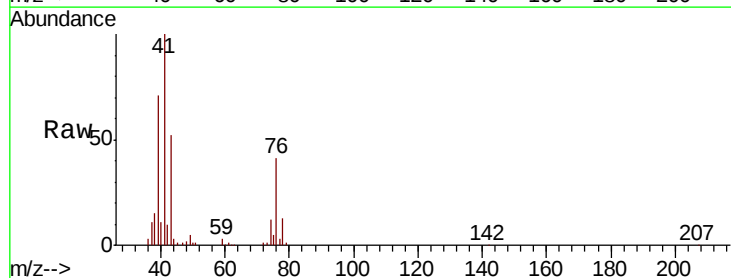


Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0

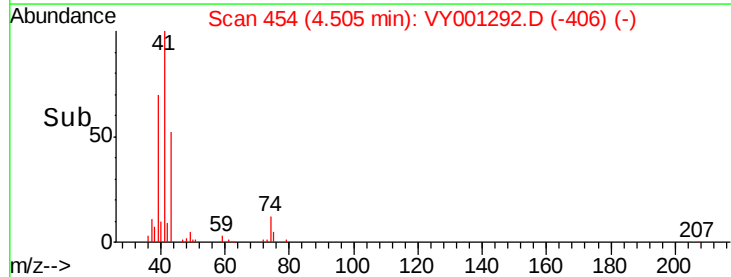
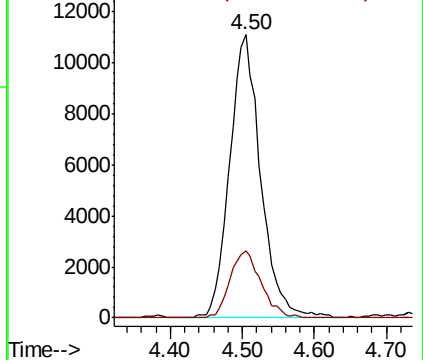


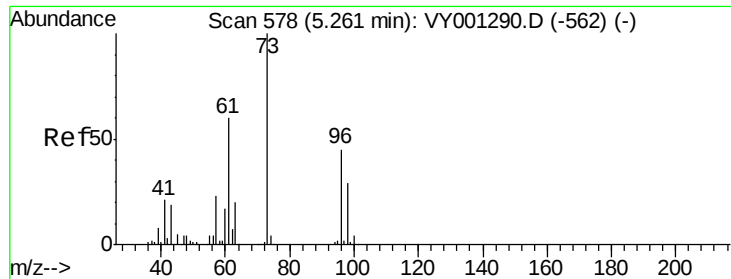
#18
Methyl Acetate
Concen: 20.805 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion: 43 Resp: 33259
Ion Ratio Lower Upper
43 100
74 23.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0

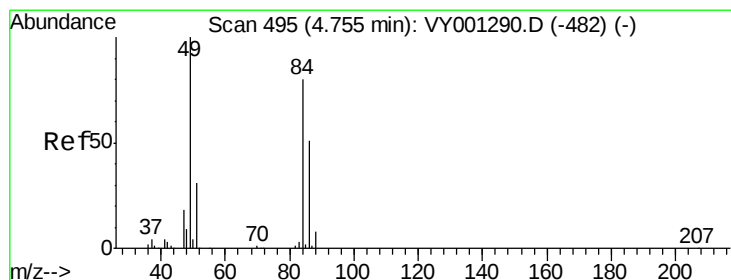
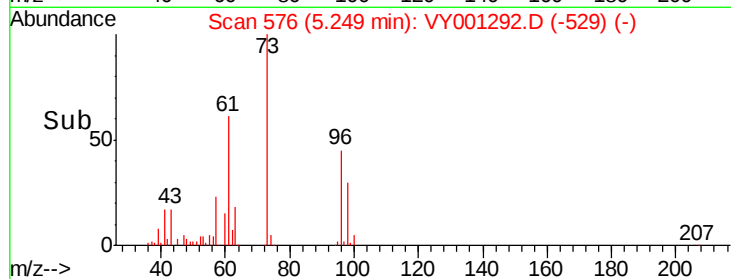
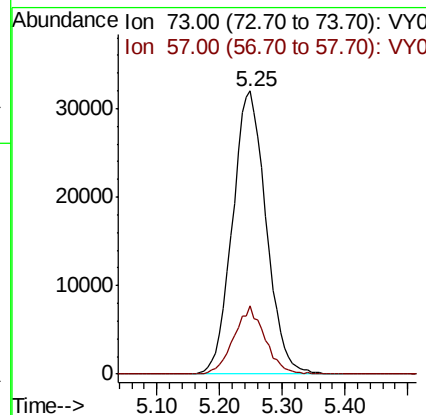
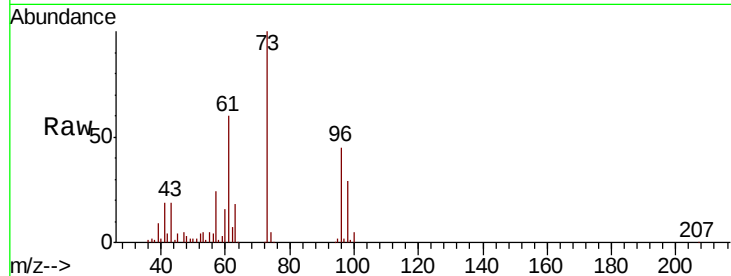




#19
Methvl tert-butvl Ether
Concen: 21.269 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

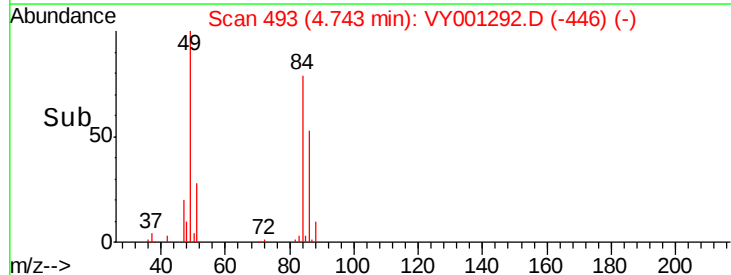
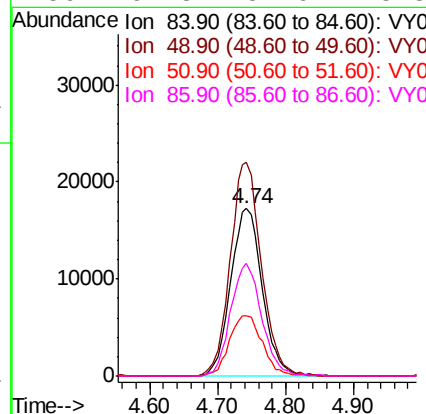
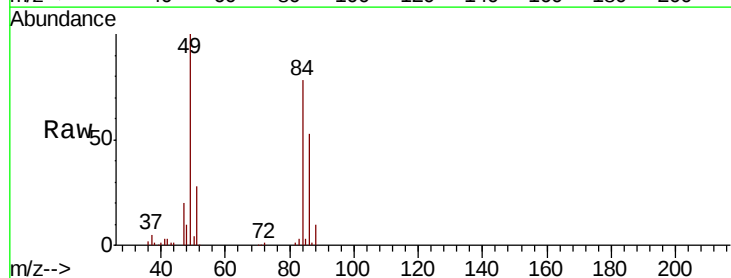
Instrument :
MSVOA_Y
ClientSampleId :

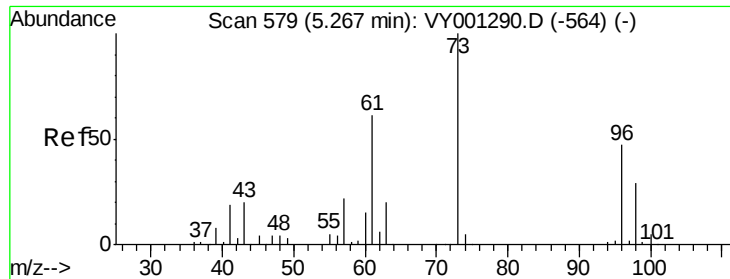
Tot Ion: 73 Resp: 118552
Ion Ratio Lower Upper
73 100
57 23.9 17.8 26.6



#20
Methylene Chloride
Concen: 21.518 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion: 84 Resp: 55574
Ion Ratio Lower Upper
84 100
49 127.5 93.8 140.6
51 36.1 29.9 44.9
86 67.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.489 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.02 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :

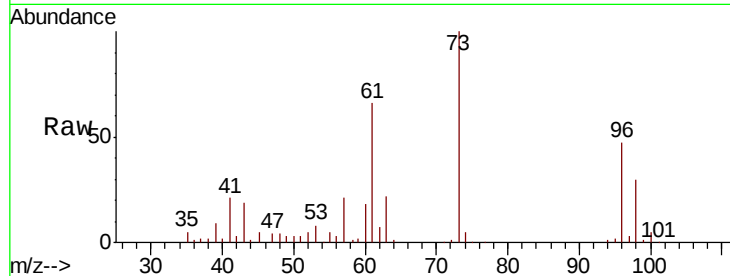
Tot Ion: 96 Resp: 46816

Ion Ratio Lower Upper

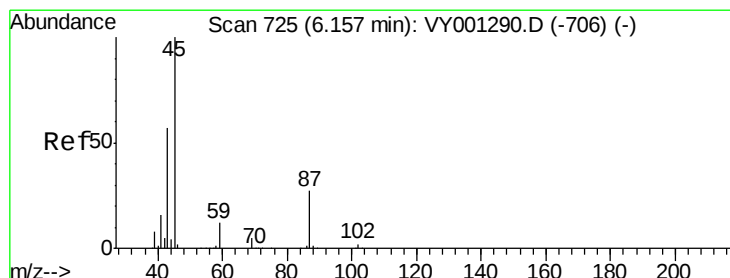
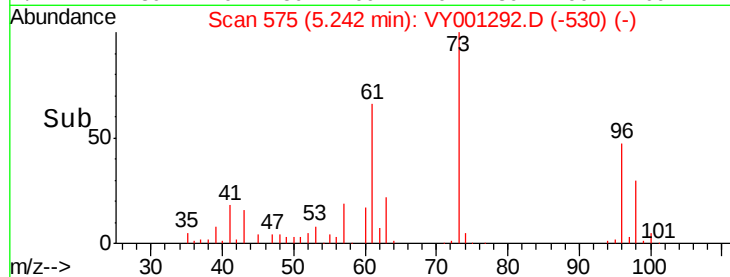
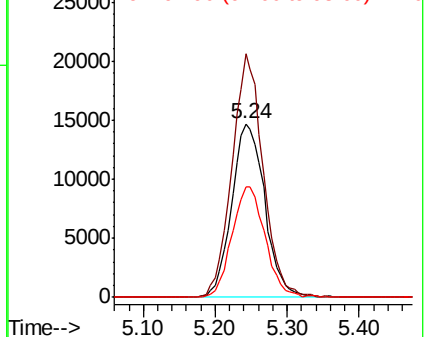
96 100

61 140.1 107.6 161.4

98 63.9 47.6 71.4



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



#22

Diisopropyl ether

Concen: 21.408 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Tgt Ion: 45 Resp: 148712

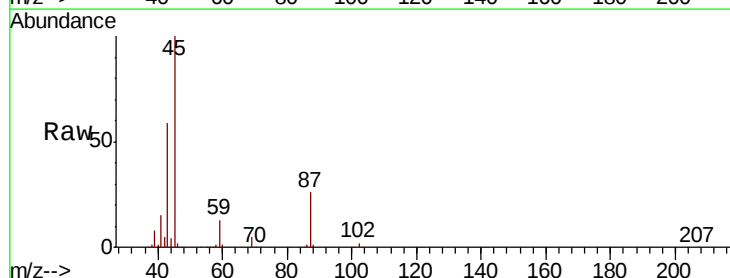
Ion Ratio Lower Upper

45 100

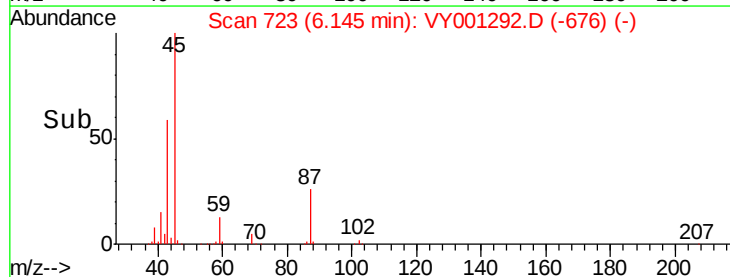
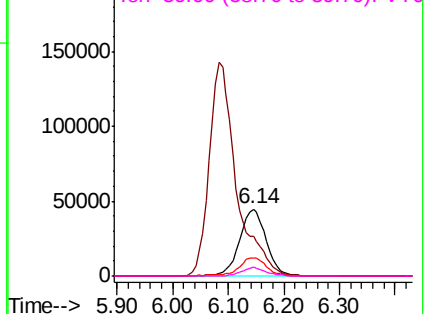
43 59.0 46.5 69.7

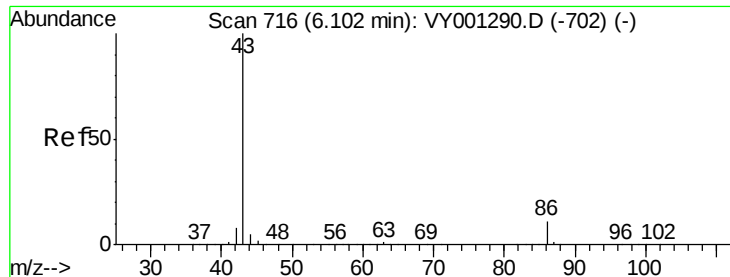
87 26.4 22.5 33.7

59 12.6 9.4 14.0



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





#23

Vinyl Acetate

Concen: 108.938 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.02 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

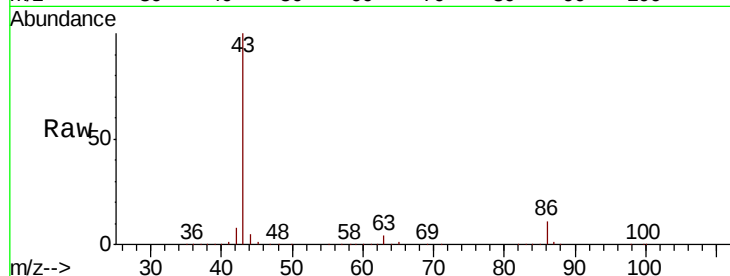
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 483967

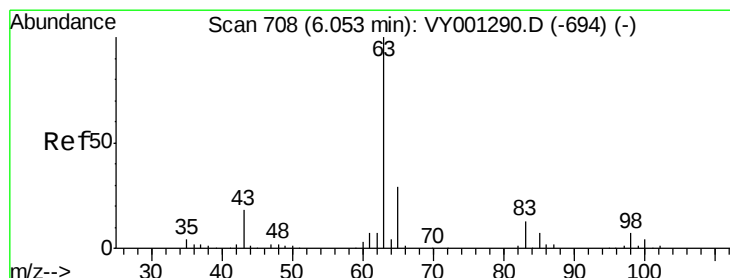
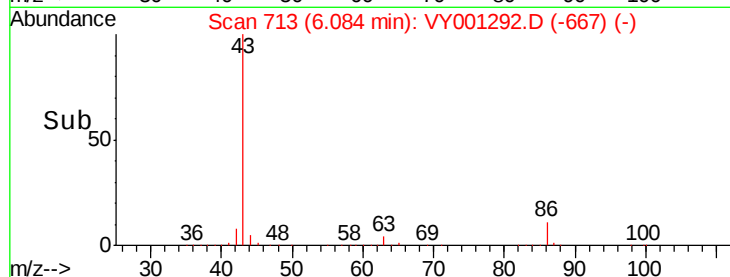
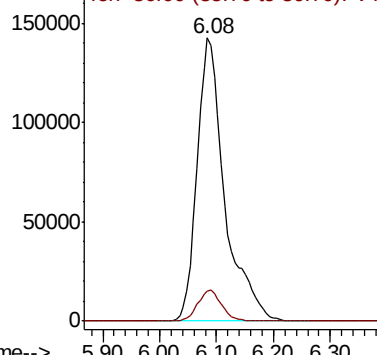
Ion Ratio Lower Upper

43 100

86 10.7 9.0 13.4



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



#24

1,1-Dichloroethane

Concen: 21.422 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

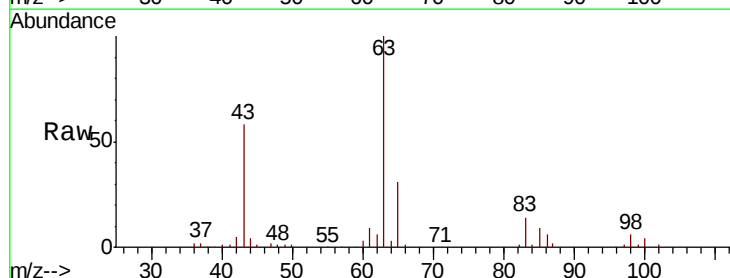
Tgt Ion: 63 Resp: 81465

Ion Ratio Lower Upper

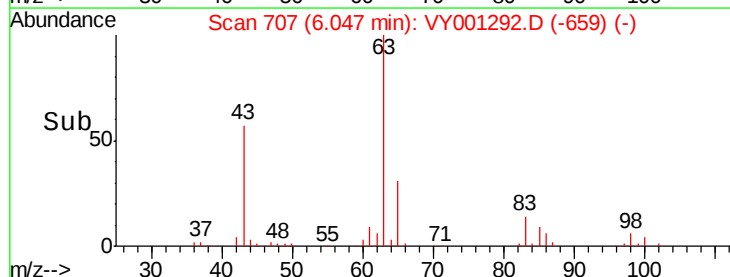
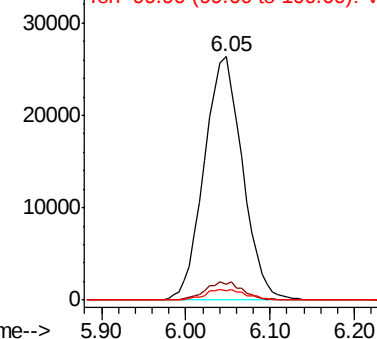
63 100

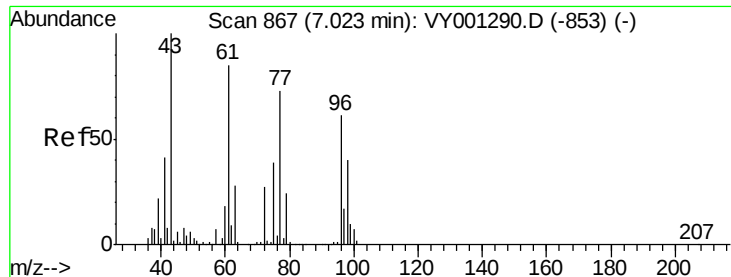
98 6.4 3.9 11.7

100 3.9 2.4 7.2



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





#25

2-Butanone

Concen: 118.636 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

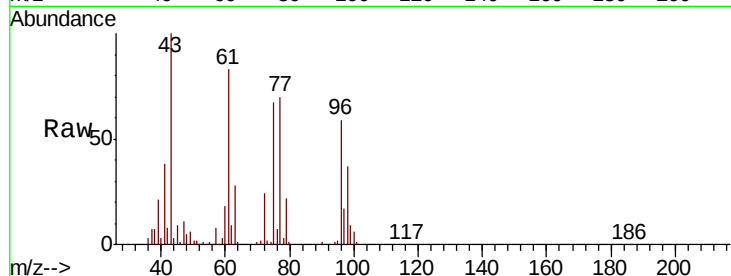
ClientSampled :

Tot Ion: 43 Resp: 89274

Ion Ratio Lower Upper

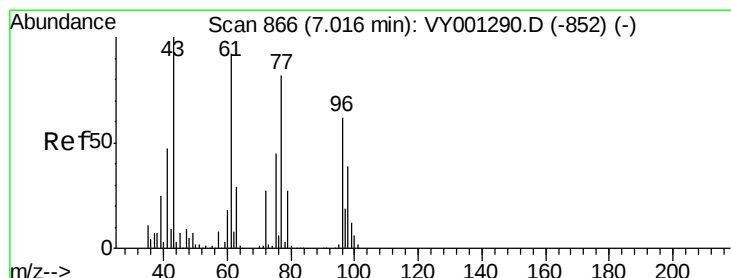
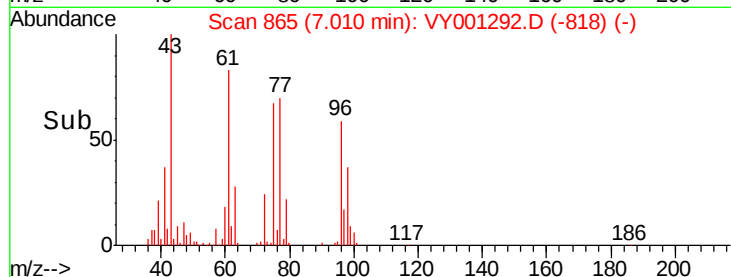
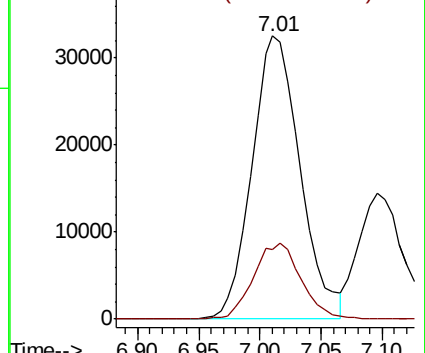
43 100

72 24.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 20.894 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001292.D

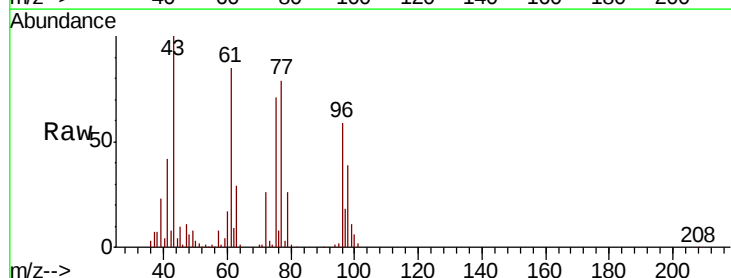
Acq: 20 Jan 2020 13:58

Tgt Ion: 77 Resp: 73067

Ion Ratio Lower Upper

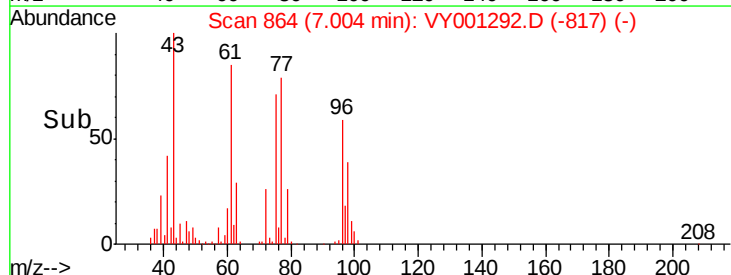
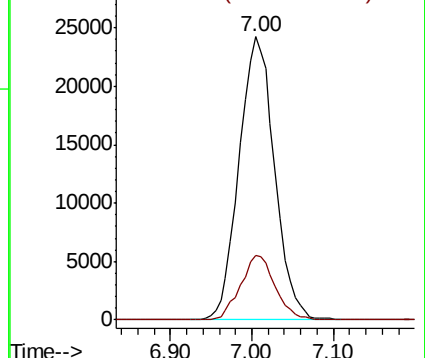
77 100

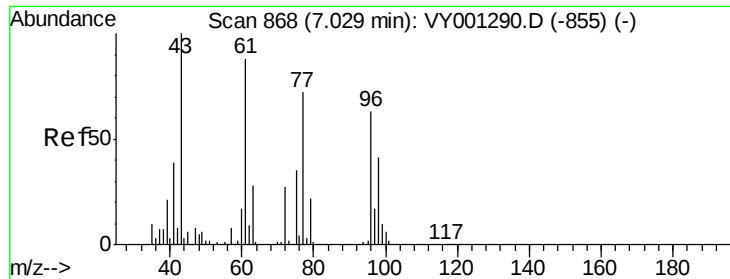
97 22.2 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



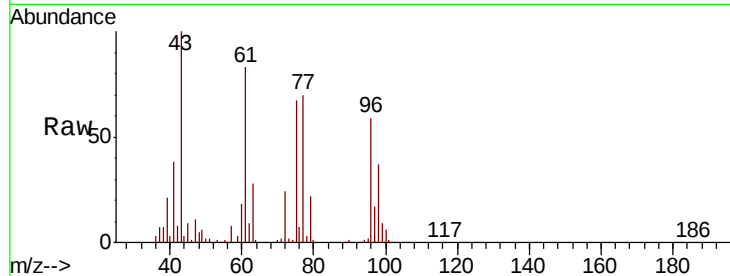


#27

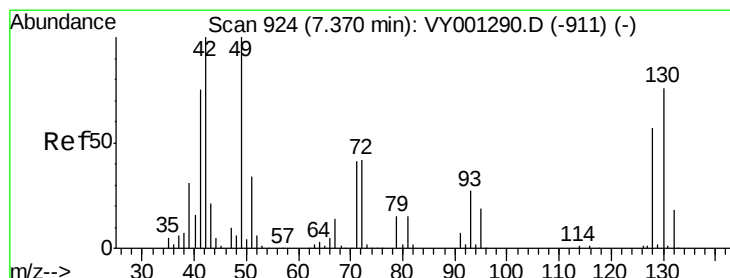
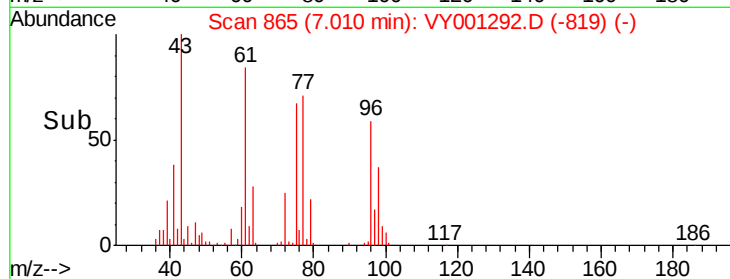
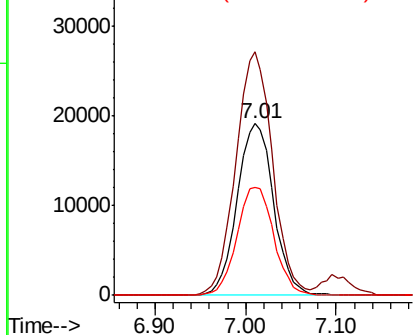
cis-1,2-Dichloroethene
Concen: 21.249 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.02 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 53201
Ion Ratio Lower Upper
96 100
61 143.0 0.0 284.0
98 63.5 0.0 130.2



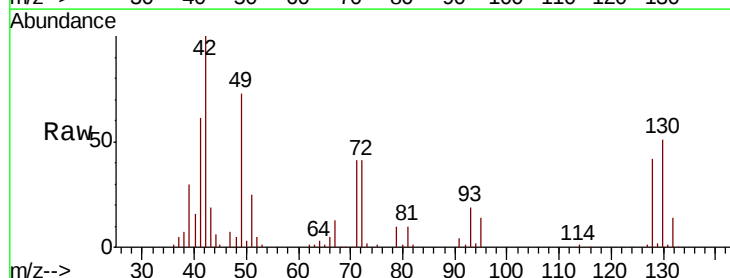
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



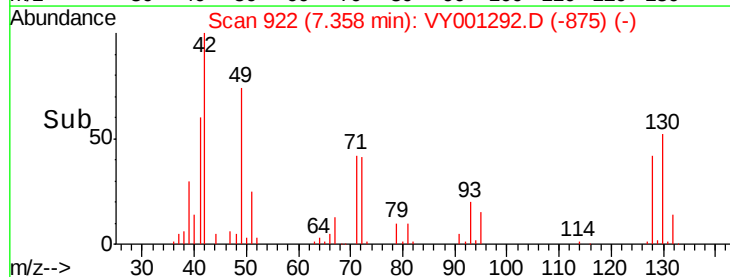
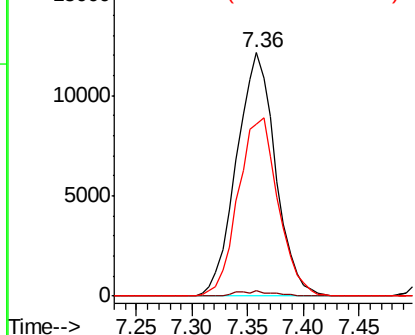
#28

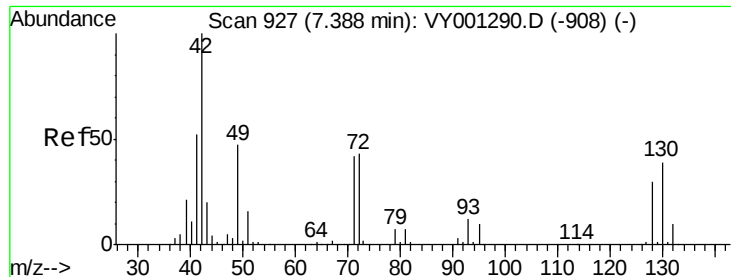
Bromochloromethane
Concen: 18.924 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion: 49 Resp: 29553
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.4
130 75.3 61.2 91.8



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

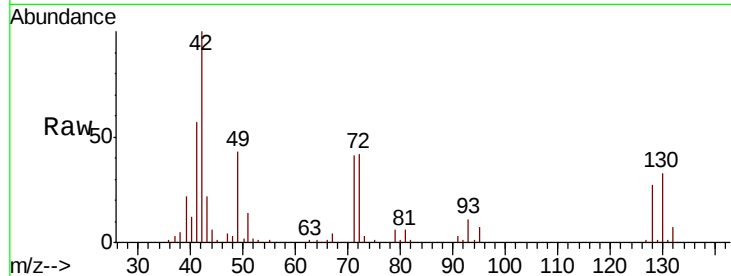




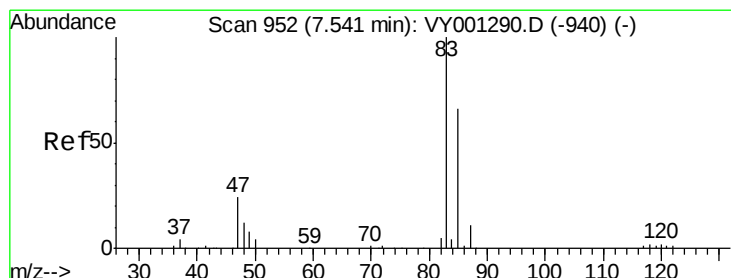
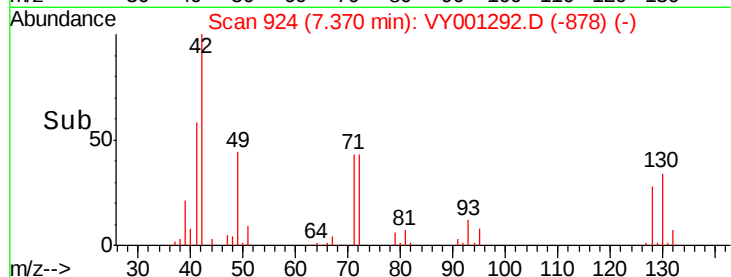
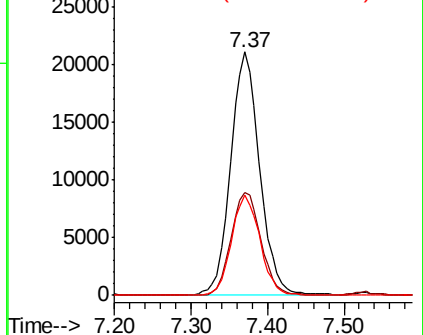
#29
Tetrahydrofuran
Concen: 107.432 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.02 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 55402
Ion Ratio Lower Upper
42 100
72 43.3 36.9 55.3
71 40.4 34.0 51.0

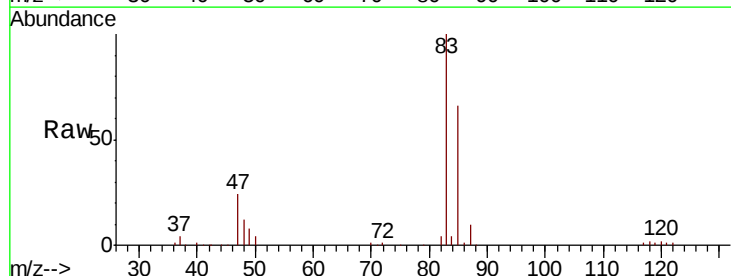


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

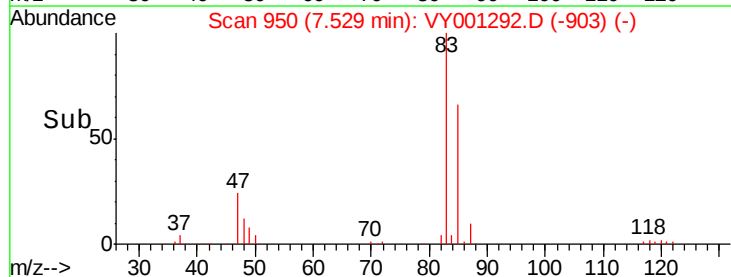
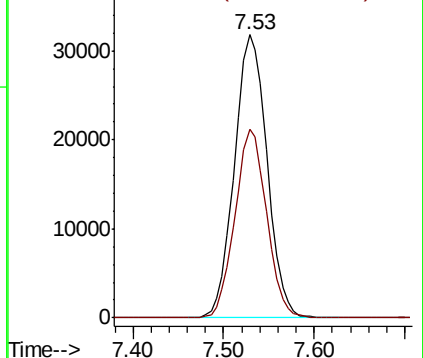


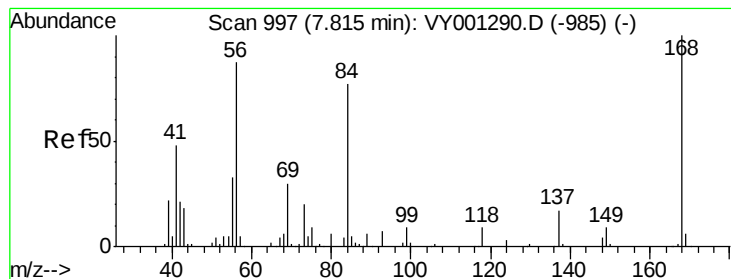
#30
Chloroform
Concen: 21.259 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion: 83 Resp: 79215
Ion Ratio Lower Upper
83 100
85 66.4 51.9 77.9



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





#31

Cyclohexane

Concen: 19.731 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampled :

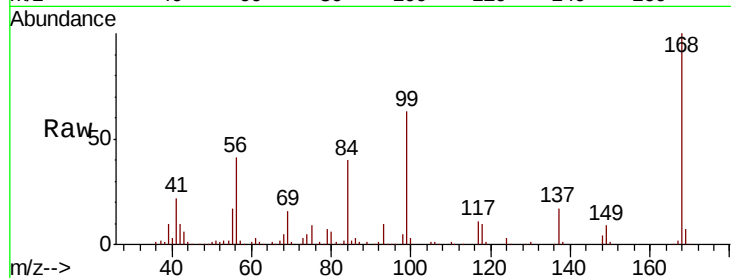
Tot Ion: 56 Resp: 79448

Ion Ratio Lower Upper

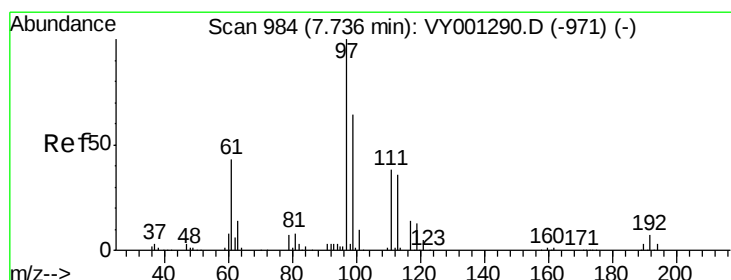
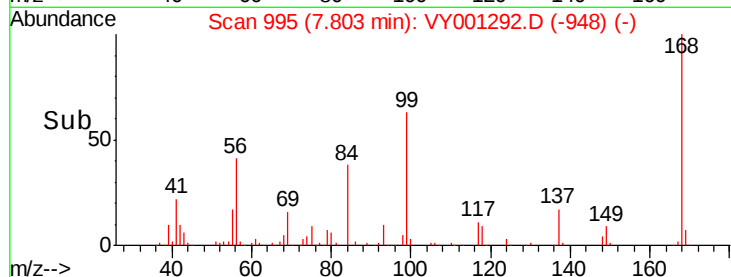
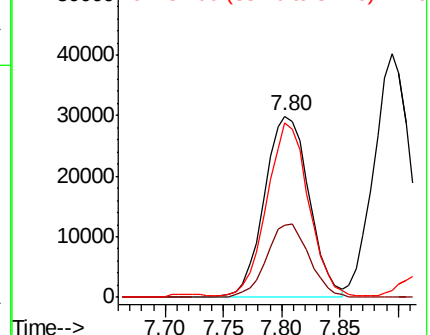
56 100

69 39.5 27.8 41.8

84 94.6 68.9 103.3



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



#32

1,1,1-Trichloroethane

Concen: 20.496 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

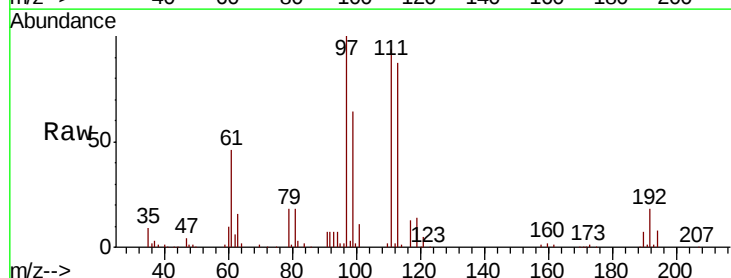
Tgt Ion: 97 Resp: 67764

Ion Ratio Lower Upper

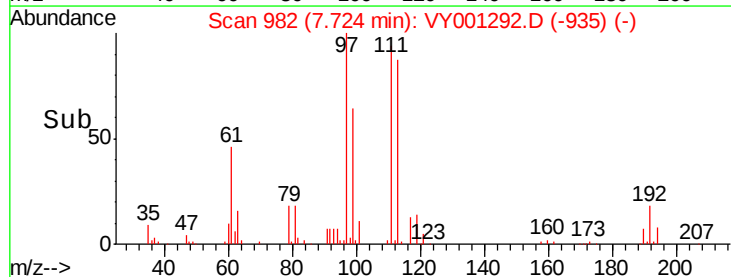
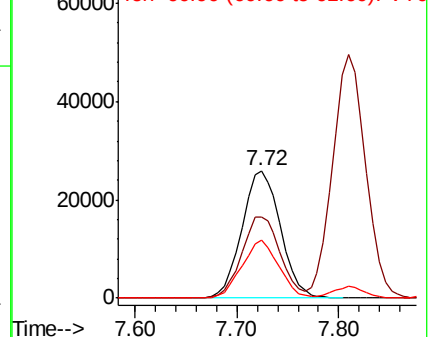
97 100

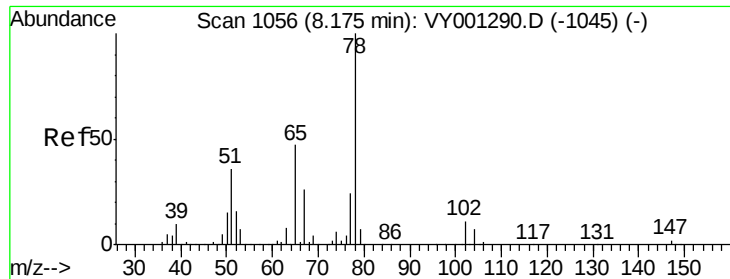
99 64.2 51.3 76.9

61 43.7 34.6 52.0



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

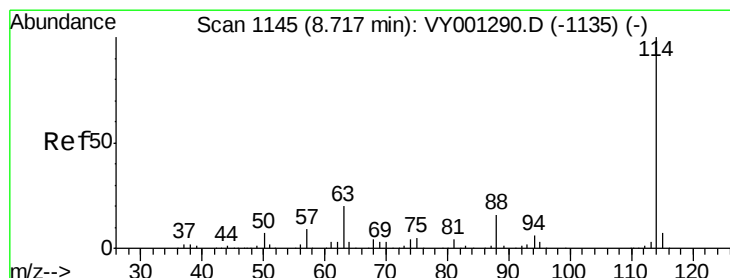
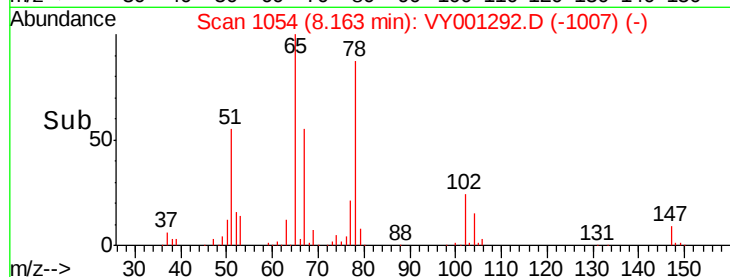
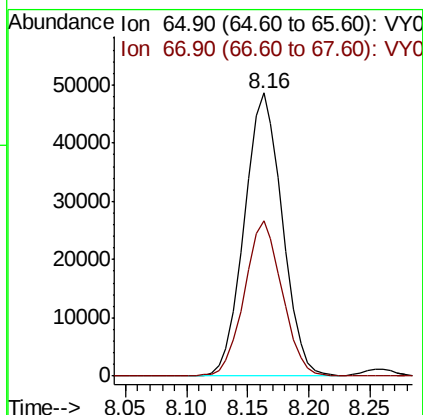
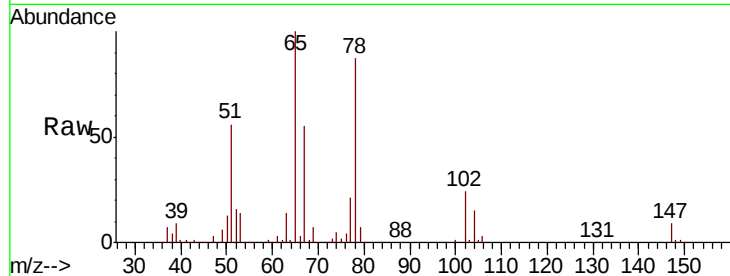




#33
 1,2-Dichloroethane-d4
 Concen: 50.432 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

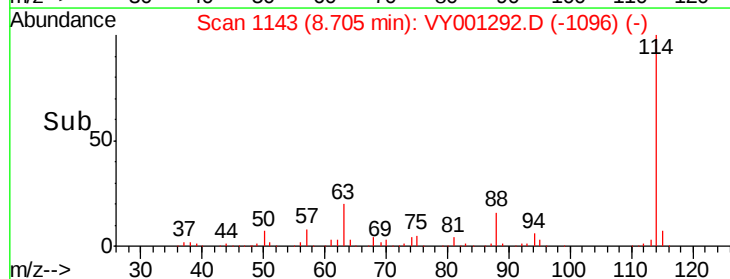
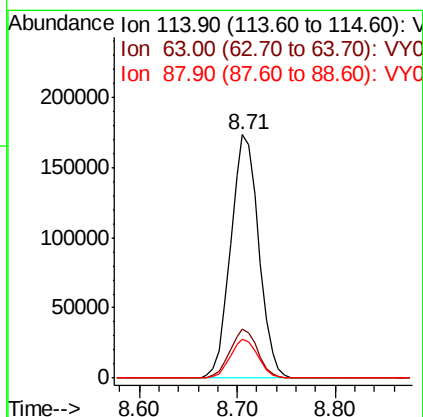
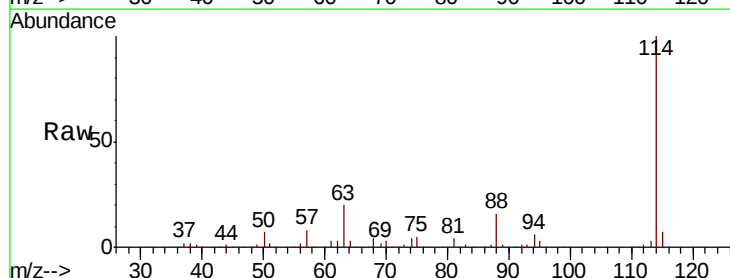
Instrument :
 MSVOA_Y
 ClientSampleId :

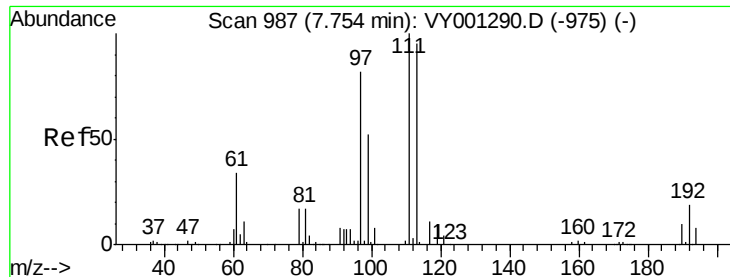
Tot Ion: 65 Resp: 104994
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion: 114 Resp: 344028
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.1 0.0 32.4

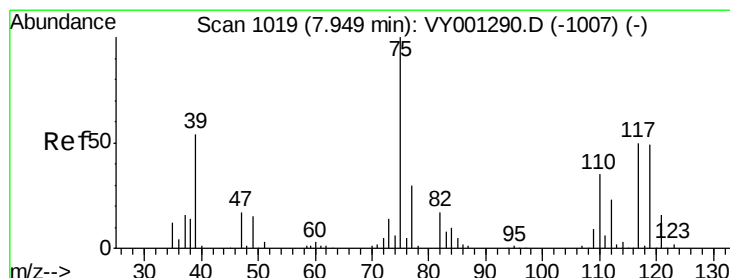
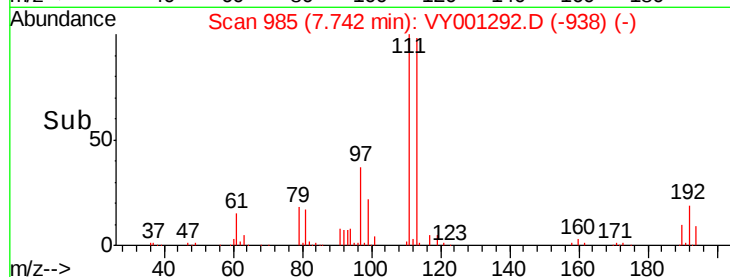
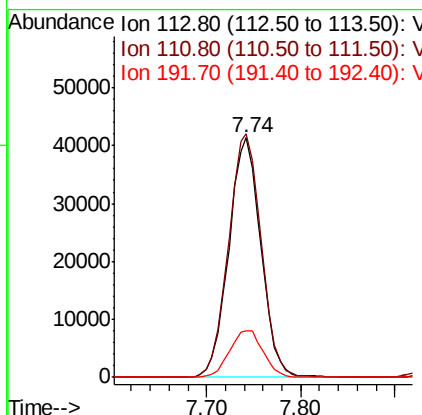
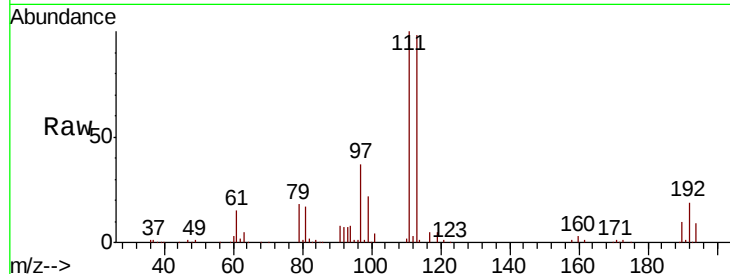




#35
 Dibromofluoromethane
 Concen: 48.472 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

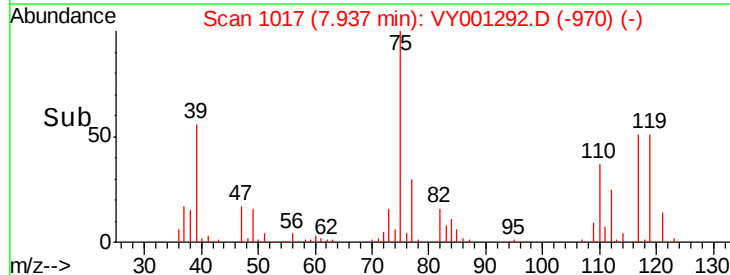
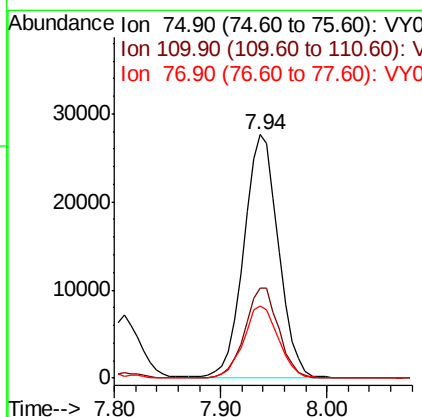
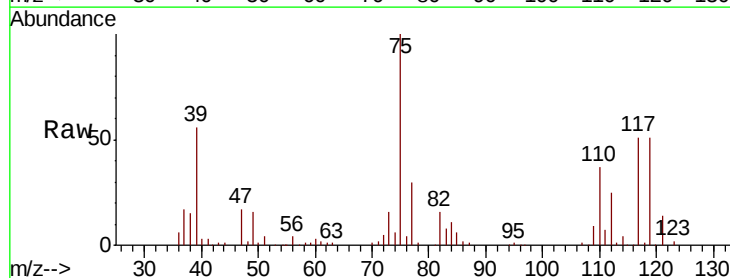
Instrument :
 MSVOA_Y
 ClientSampled :

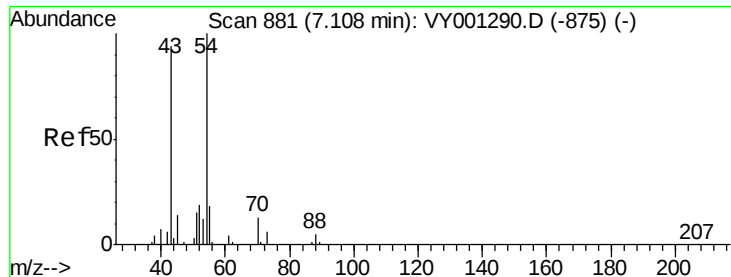
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	20.5	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 20.192 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.3	54.8
77	29.9	25.1	37.7

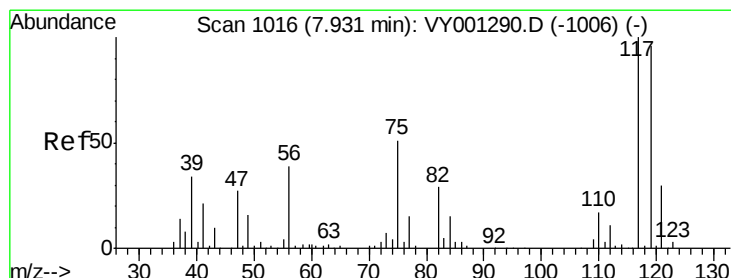
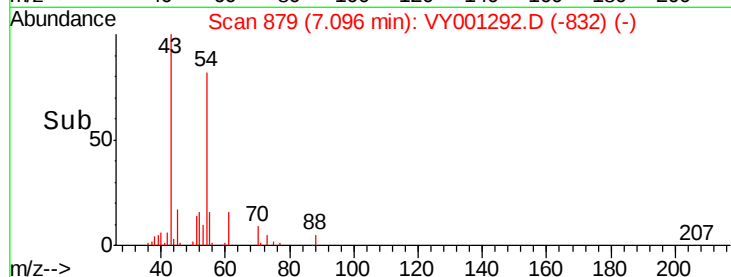
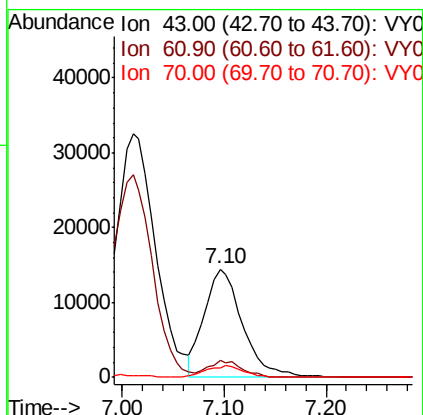
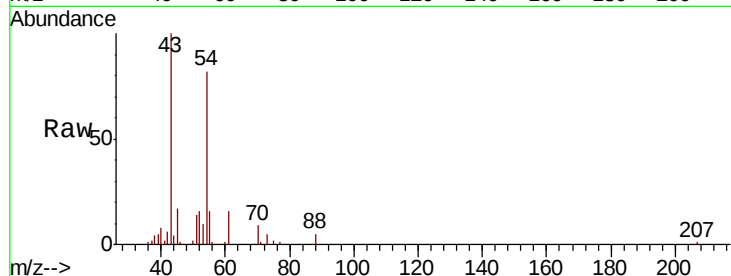




#37
Ethyl Acetate
Concen: 20.416 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

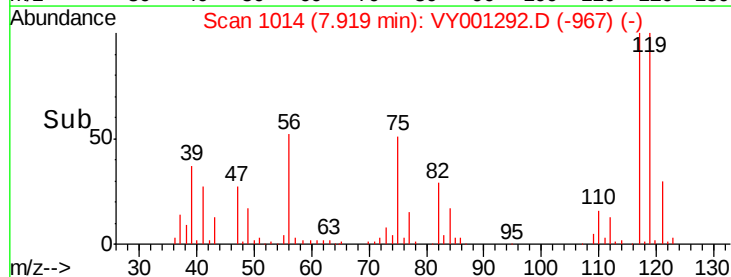
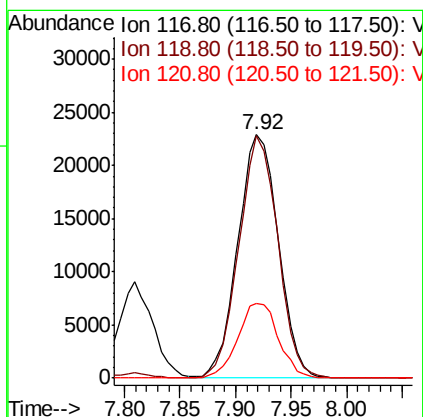
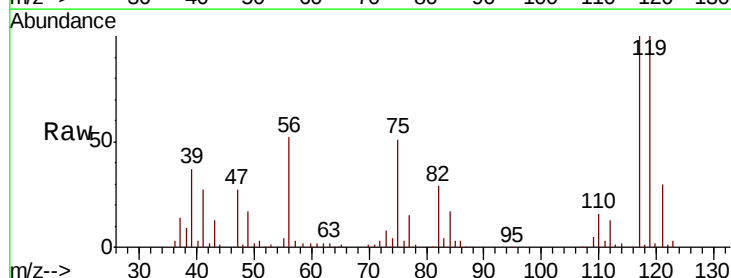
Instrument :
MSVOA_Y
ClientSampled :

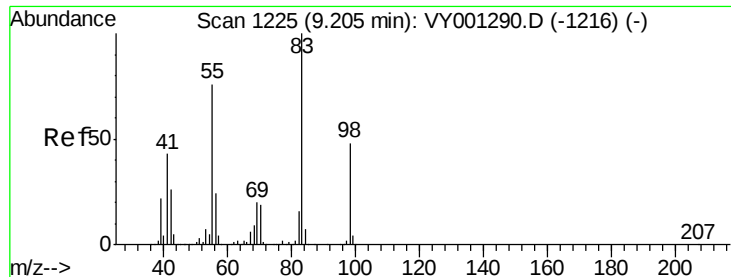
Tot Ion: 43 Resp: 37569
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 10.7 9.7 14.5



#38
Carbon Tetrachloride
Concen: 20.222 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion: 117 Resp: 58110
Ion Ratio Lower Upper
117 100
119 99.5 78.3 117.5
121 30.4 23.5 35.3

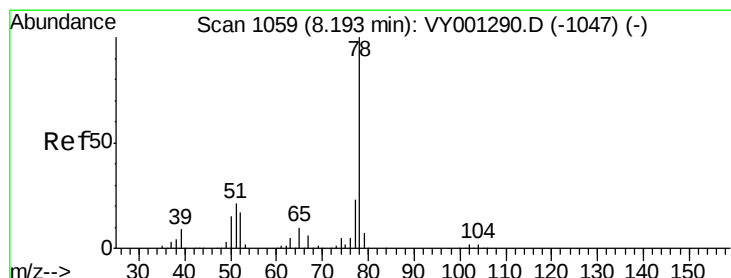
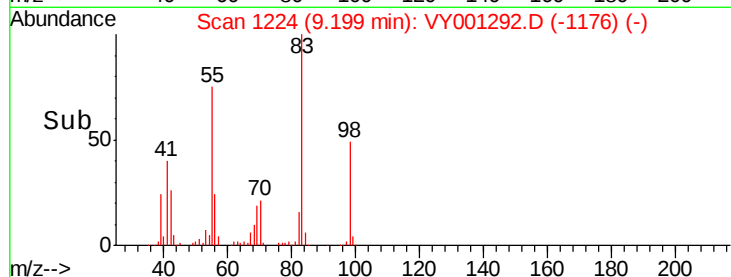
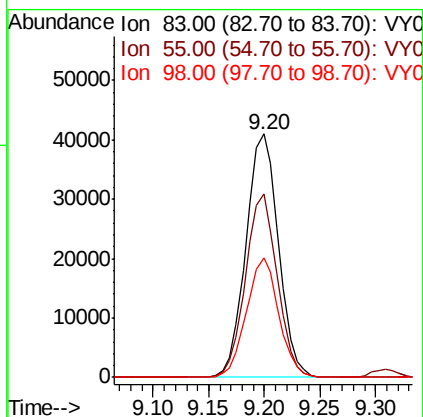
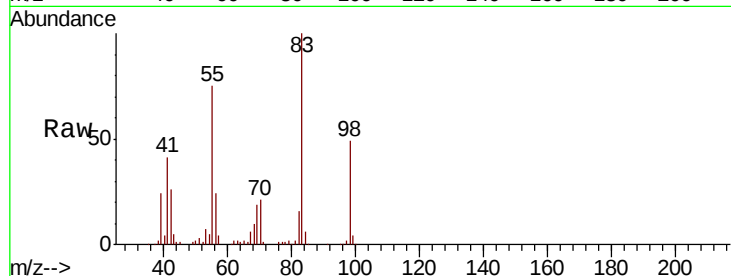




#39
Methvlcvclohexane
Concen: 19.640 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

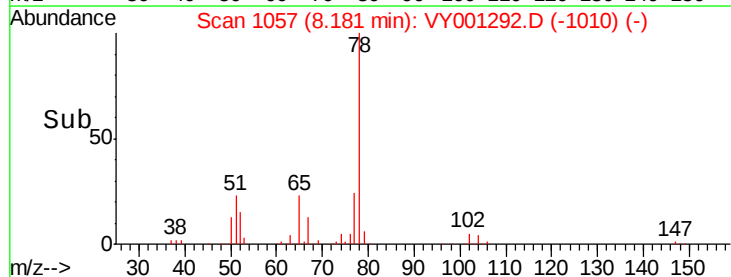
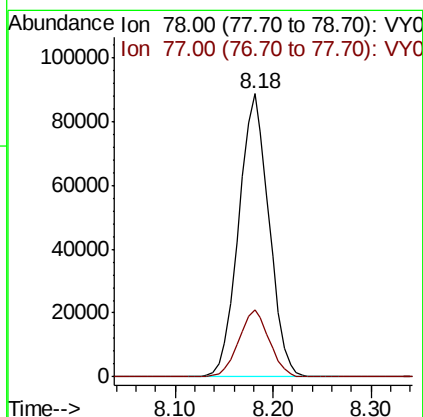
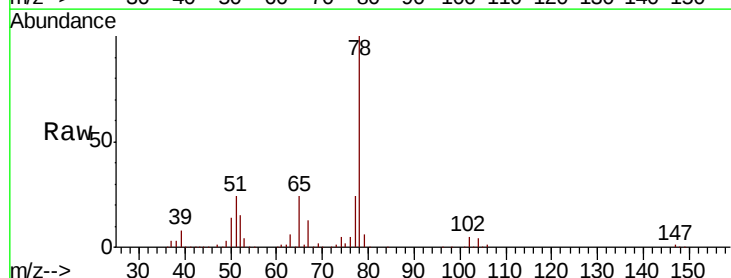
Instrument :
MSVOA_Y
ClientSampleId :

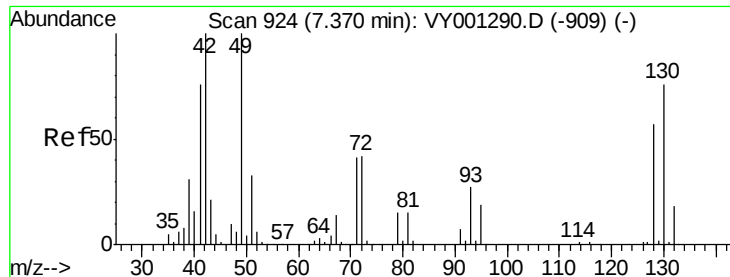
Tot Ion: 83 Resp: 83491
Ion Ratio Lower Upper
83 100
55 75.2 58.9 88.3
98 49.3 38.4 57.6



#40
Benzene
Concen: 20.784 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion: 78 Resp: 190236
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

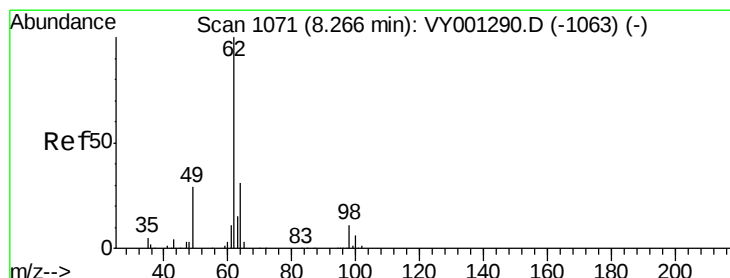
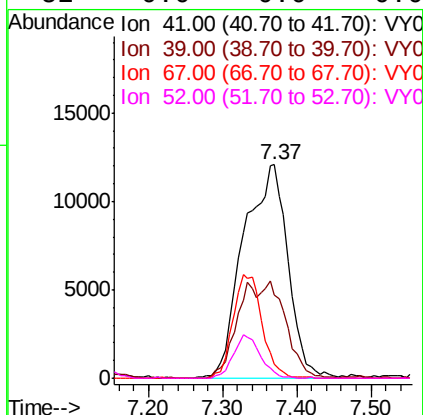
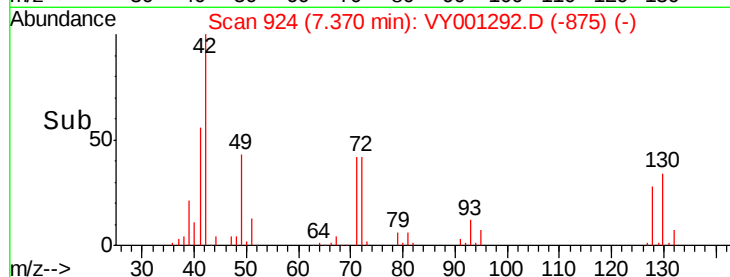
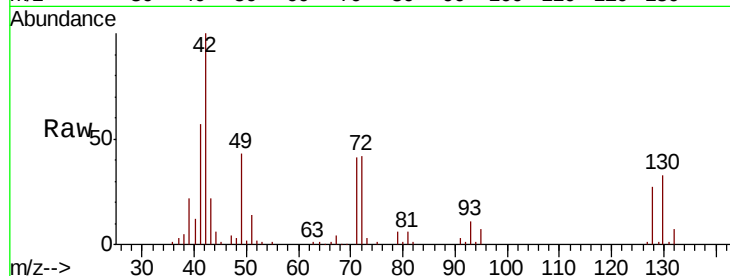




#41
Methacrylonitrile
Concen: 58.250 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.00 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

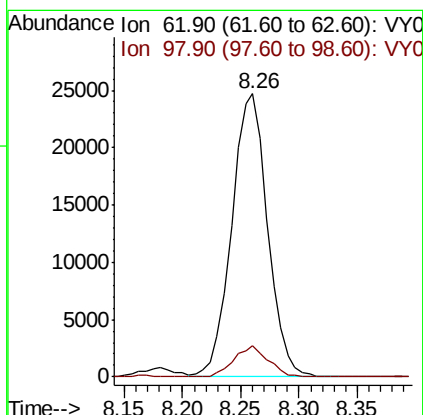
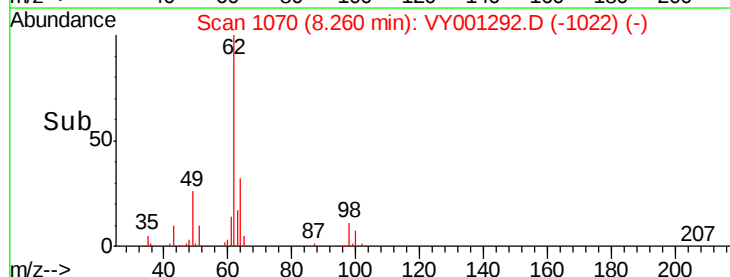
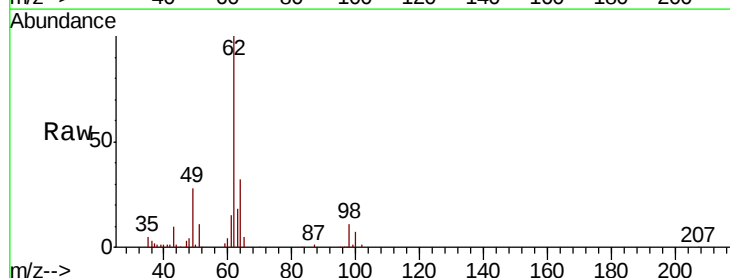
Instrument :
MSVOA_Y
ClientSampleId :

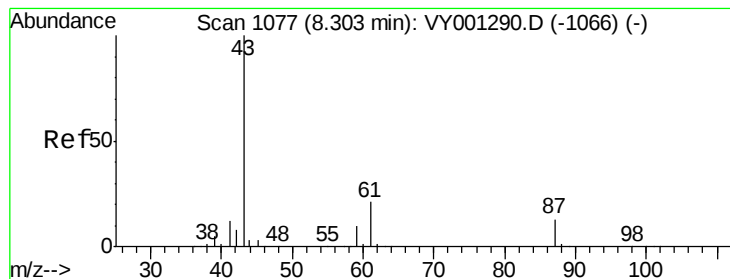
Tot Ion: 41 Resp: 50352
Ion Ratio Lower Upper
41 100
39 0.0 103.5 155.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.680 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion: 62 Resp: 53002
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.4



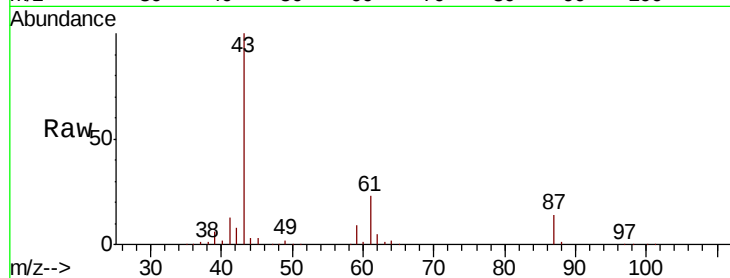


#43

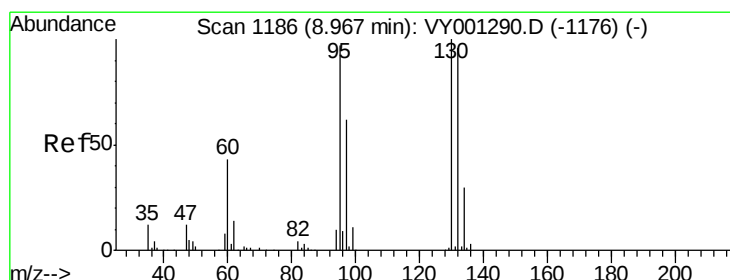
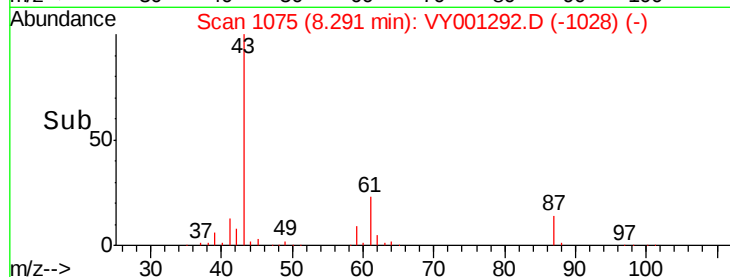
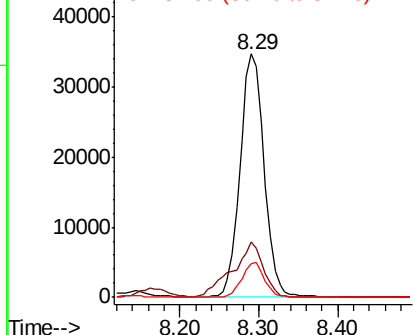
Isopropyl Acetate
 Concen: 21.025 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 43 Resp: 73984
 Ion Ratio Lower Upper
 43 100
 61 29.2 23.9 35.9
 87 13.4 11.4 17.2



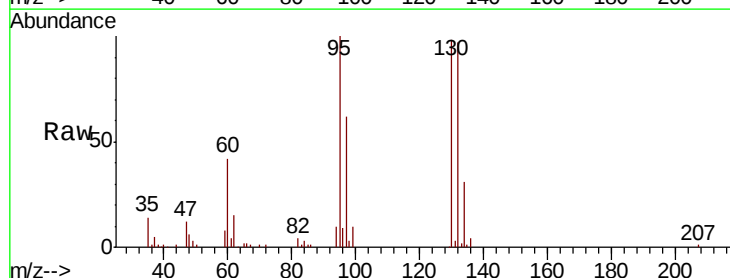
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



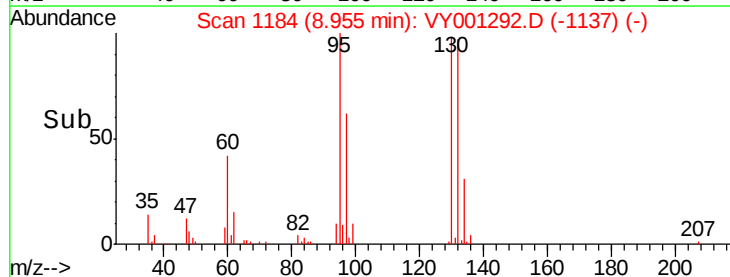
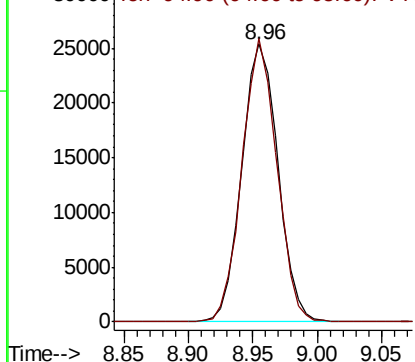
#44

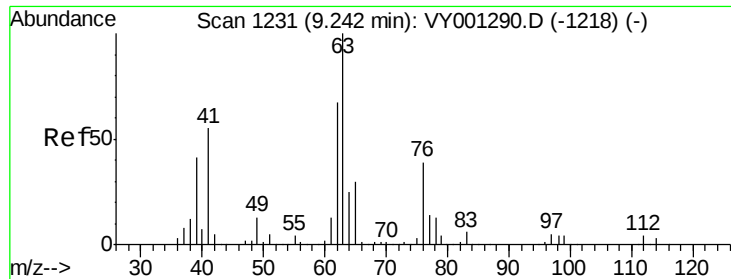
Trichloroethene
 Concen: 20.696 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion:130 Resp: 49360
 Ion Ratio Lower Upper
 130 100
 95 101.9 0.0 197.6



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

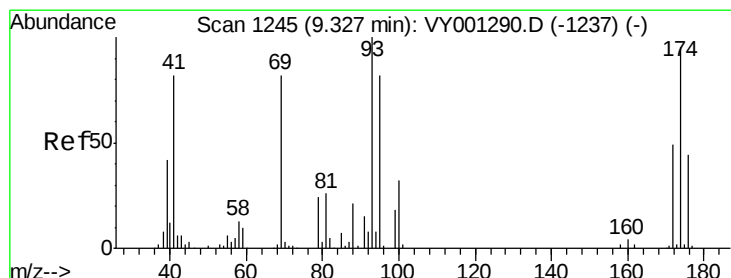
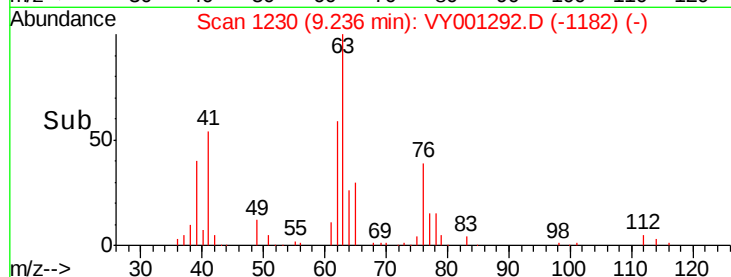
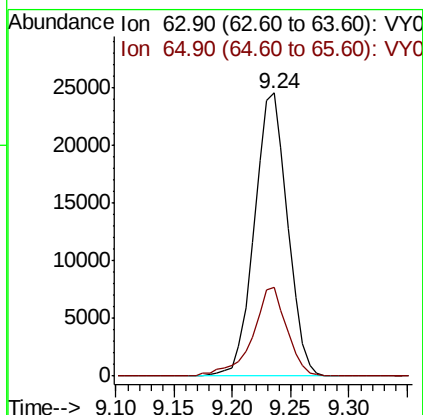
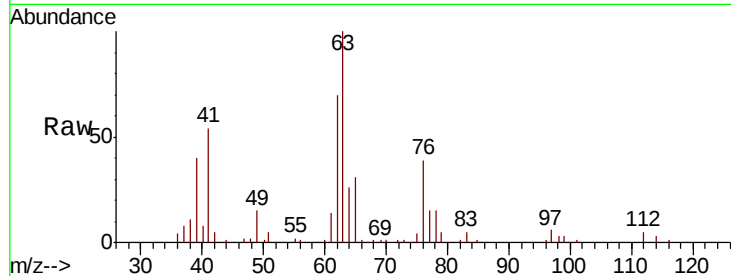




#45
 1,2-Dichloropropane
 Concen: 21.449 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

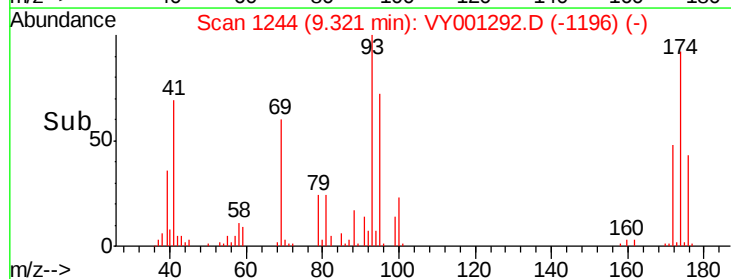
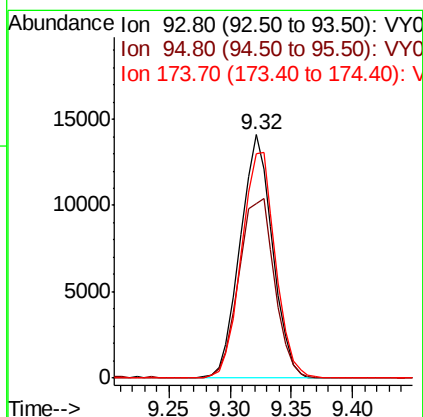
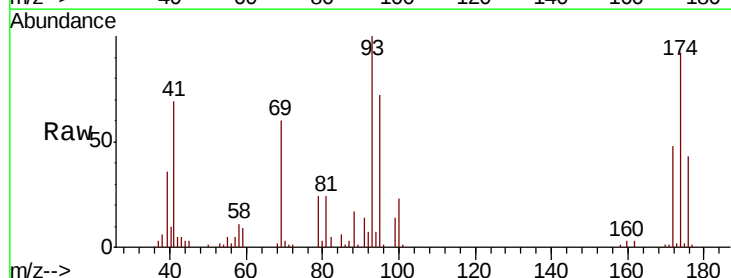
Instrument :
 MSVOA_Y
 ClientSampled :

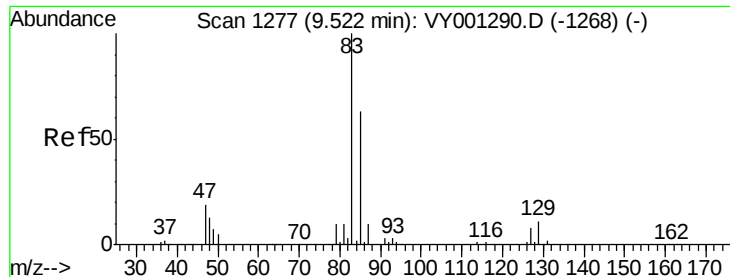
Tot Ion: 63 Resp: 48535
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.8 38.8



#46
 Dibromomethane
 Concen: 20.999 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion: 93 Resp: 25926
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.8 100.2
 174 97.2 78.4 117.6





#47

Bromodichloromethane

Concen: 20.565 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

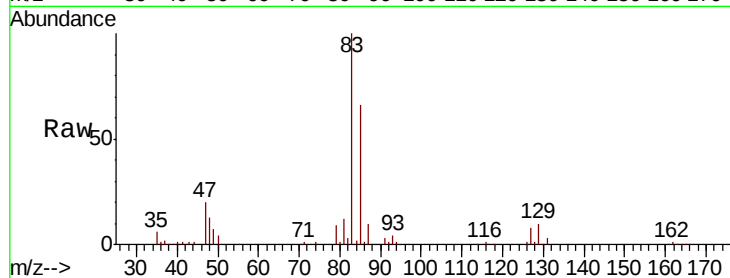
Tot Ion: 83 Resp: 61878

Ion Ratio Lower Upper

83 100

85 65.9 51.5 77.3

127 7.7 6.3 9.5

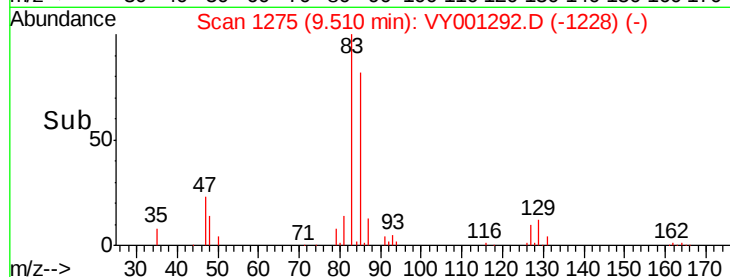


Abundance Ion 82.90 (82.60 to 83.60): VY001292.D (-1268) (-)

Ion 84.90 (84.60 to 85.60): VY001292.D (-1268) (-)

Ion 126.80 (126.50 to 127.50): VY001292.D (-1268) (-)

Time-->



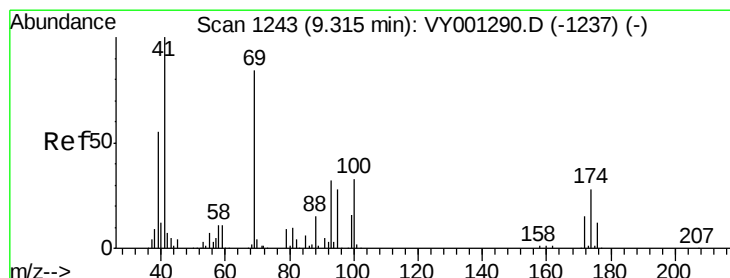
Abundance

Ion 82.90 (82.60 to 83.60): VY001292.D (-1268) (-)

Ion 84.90 (84.60 to 85.60): VY001292.D (-1268) (-)

Ion 126.80 (126.50 to 127.50): VY001292.D (-1268) (-)

Time-->



#48

Methyl methacrylate

Concen: 20.274 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

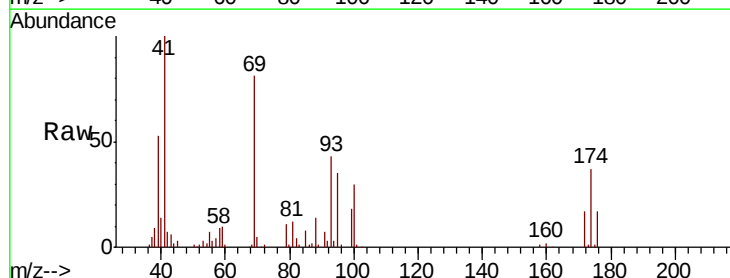
Tgt Ion: 41 Resp: 33014

Ion Ratio Lower Upper

41 100

69 86.6 69.8 104.8

39 57.1 45.2 67.8

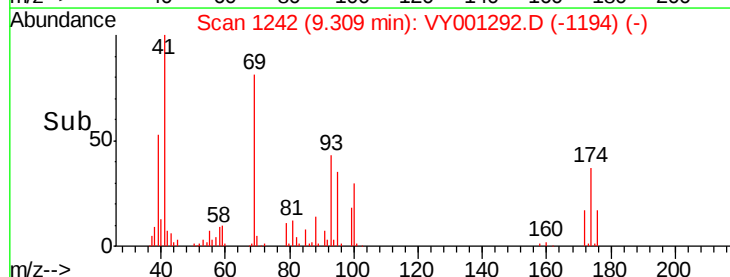


Abundance Ion 41.00 (40.70 to 41.70): VY001292.D (-1194) (-)

Ion 69.00 (68.70 to 69.70): VY001292.D (-1194) (-)

Ion 39.00 (38.70 to 39.70): VY001292.D (-1194) (-)

Time-->



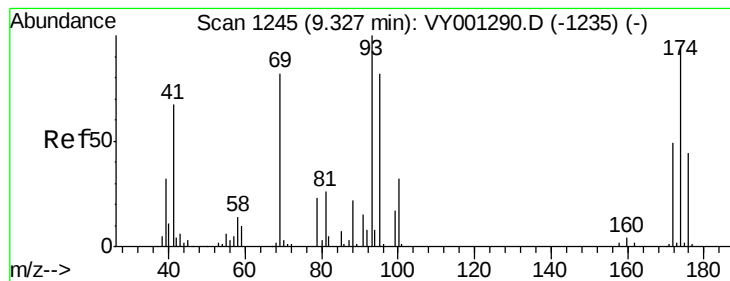
Abundance

Ion 41.00 (40.70 to 41.70): VY001292.D (-1194) (-)

Ion 69.00 (68.70 to 69.70): VY001292.D (-1194) (-)

Ion 39.00 (38.70 to 39.70): VY001292.D (-1194) (-)

Time-->



#49

1,4-Dioxane

Concen: 447.405 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.02 min

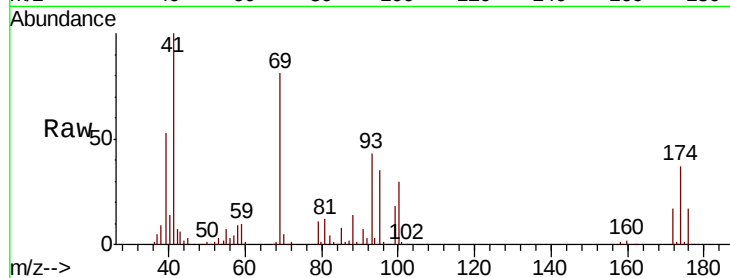
Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 6727

Ion	Ratio	Lower	Upper
88	100		
43	33.3	22.4	33.6
58	75.2	58.0	87.0

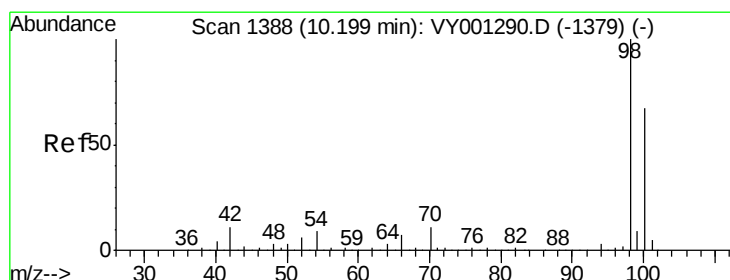
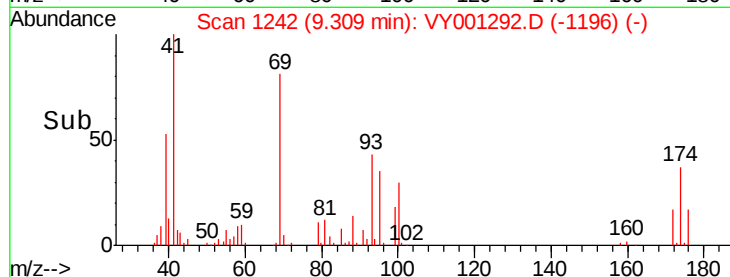
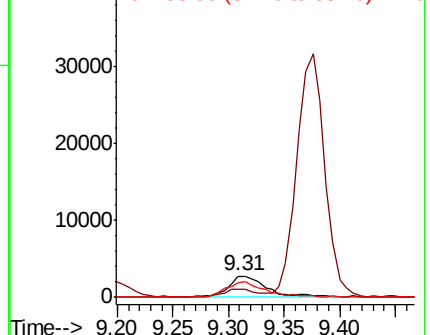


Abundance

Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 51.853 ug/l

RT: 10.19 min Scan# 1387

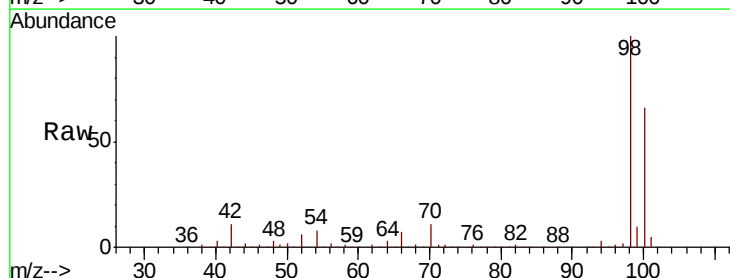
Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Tgt Ion: 98 Resp: 402447

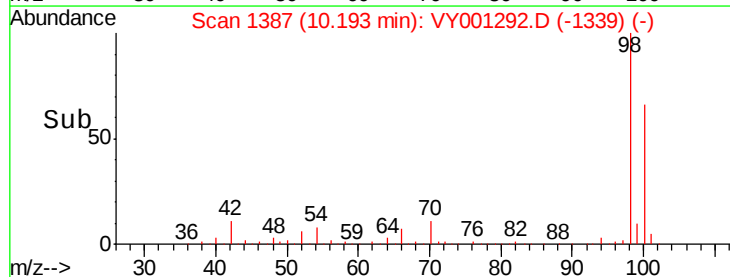
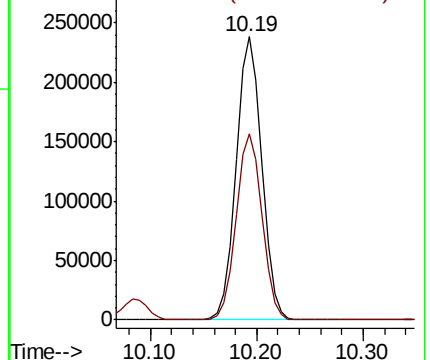
Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.1	79.7

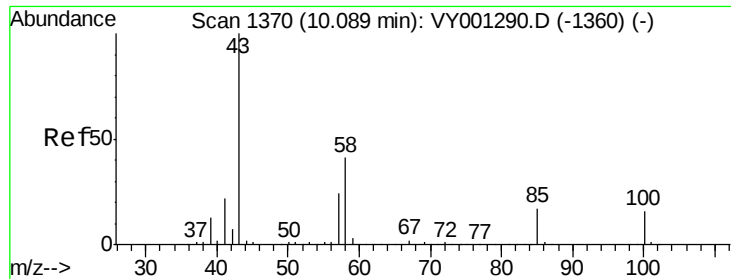


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

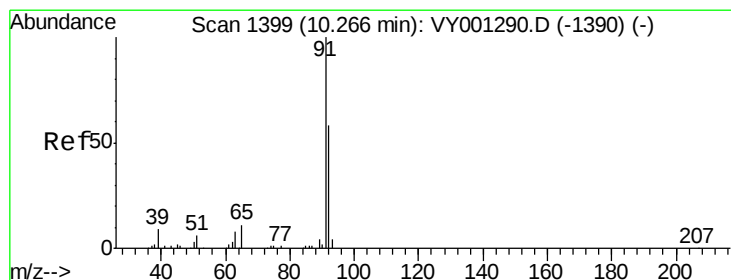
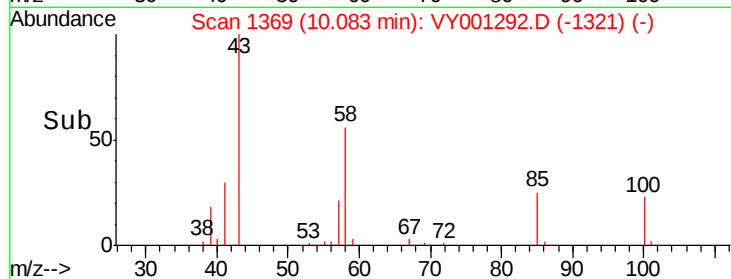
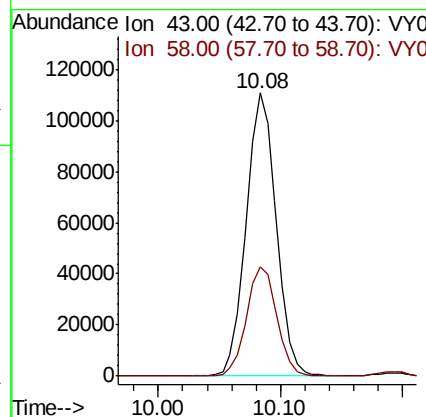
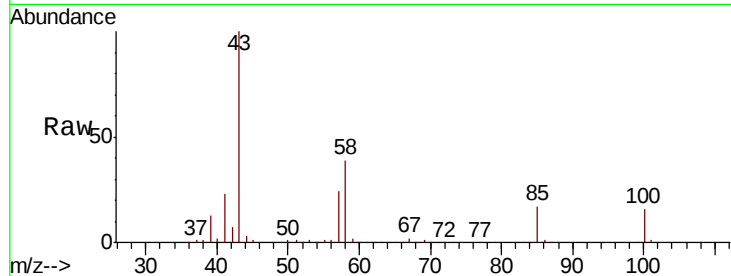




#51
4-Methyl-2-Pentanone
Concen: 105.413 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

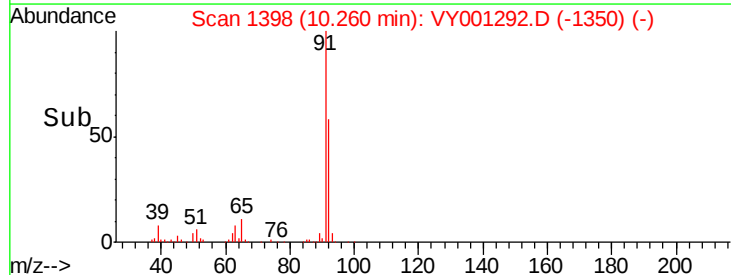
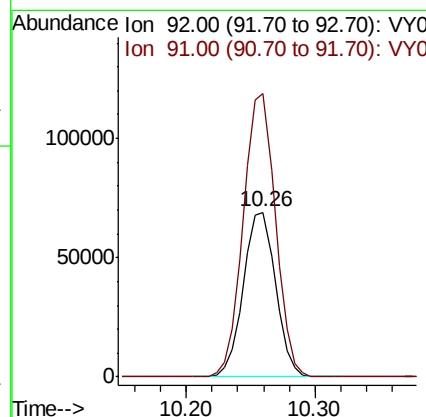
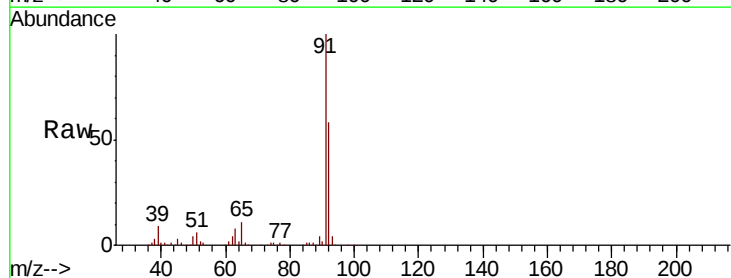
Instrument :
MSVOA_Y
ClientSampled :

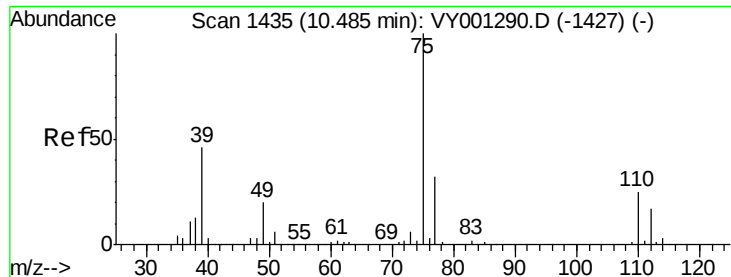
Tot Ion: 43 Resp: 188214
Ion Ratio Lower Upper
43 100
58 39.3 32.3 48.5



#52
Toluene
Concen: 20.491 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion: 92 Resp: 119626
Ion Ratio Lower Upper
92 100
91 171.9 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 19.888 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

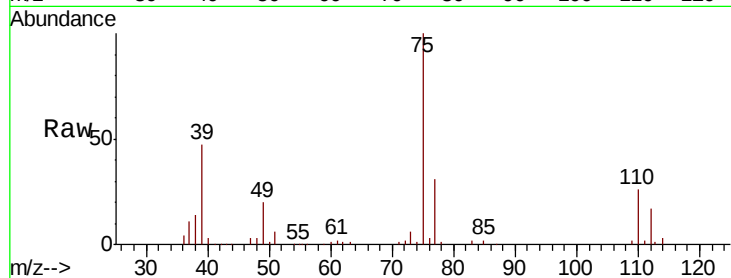
ClientSampleId :

Tot Ion: 75 Resp: 66963

Ion Ratio Lower Upper

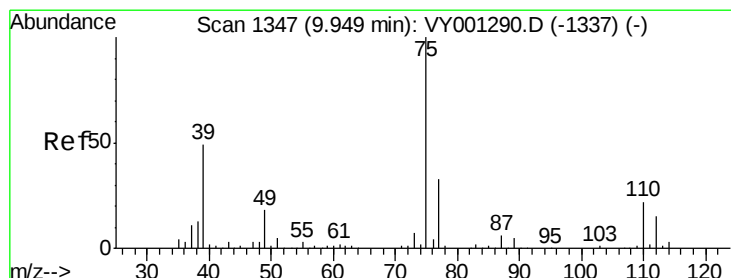
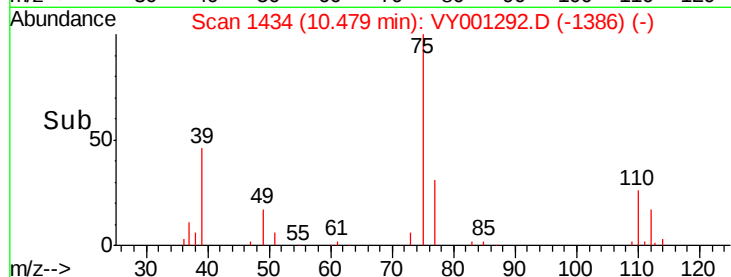
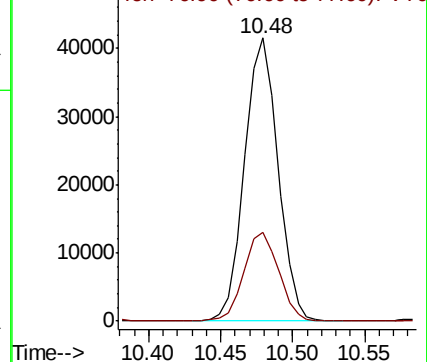
75 100

77 31.1 26.2 39.2



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: 20.702 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

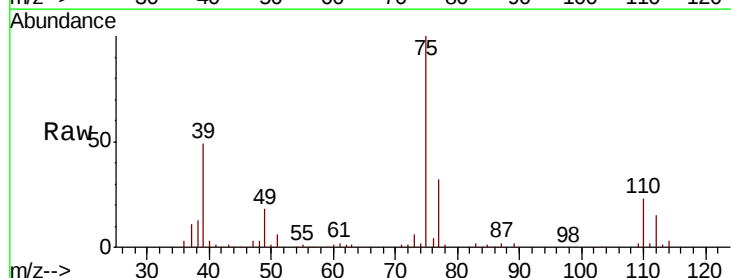
Tgt Ion: 75 Resp: 78587

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

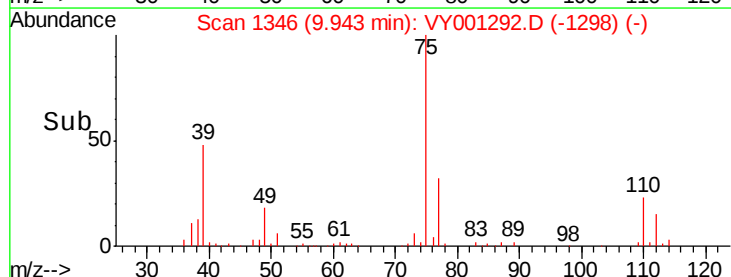
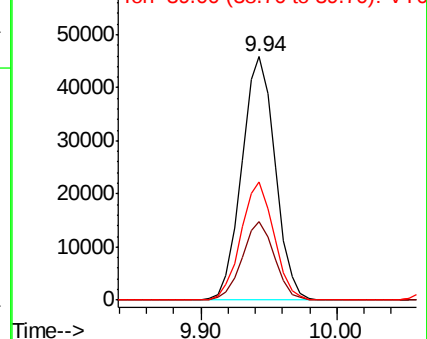
39 48.5 39.1 58.7

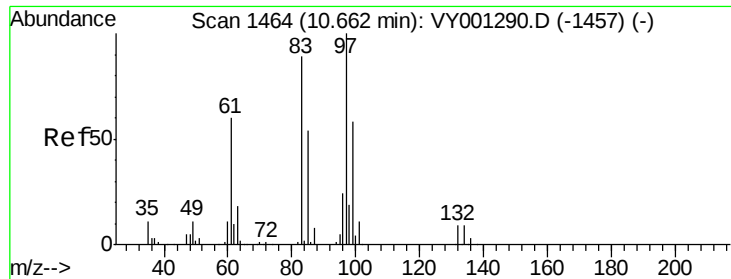


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 21.349 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 39076

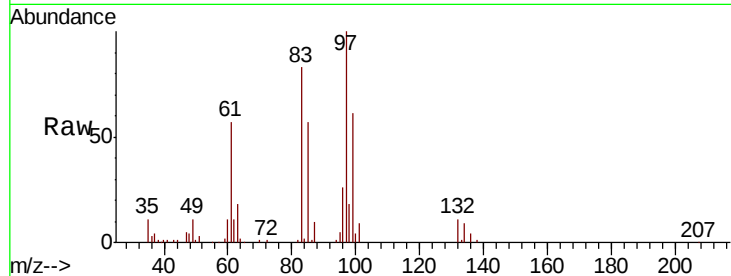
Ion Ratio Lower Upper

97 100

83 83.1 67.2 100.8

85 56.3 44.9 67.3

99 60.8 49.9 74.9

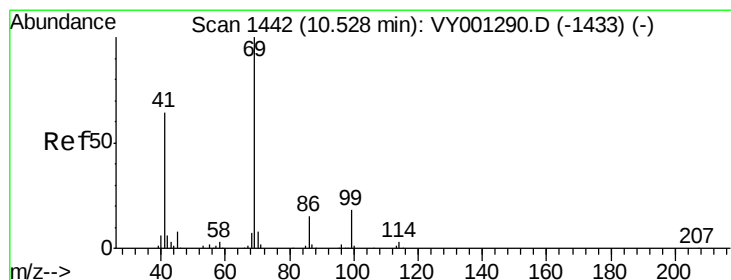
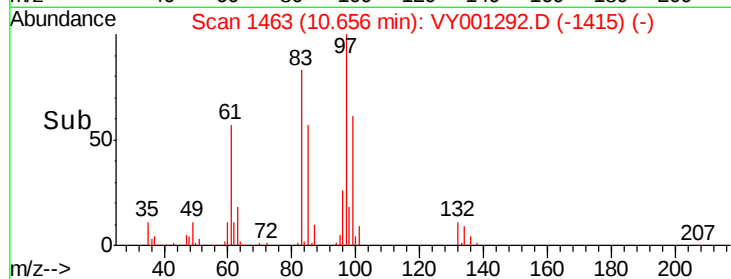
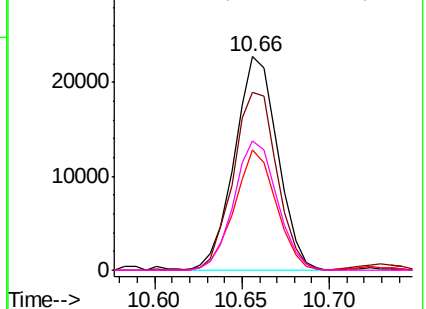


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 20.051 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

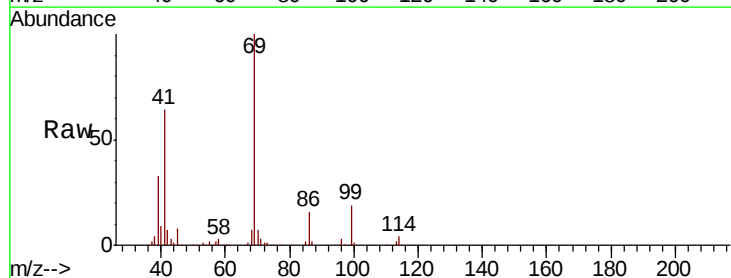
Tgt Ion: 69 Resp: 56138

Ion Ratio Lower Upper

69 100

41 65.6 51.4 77.2

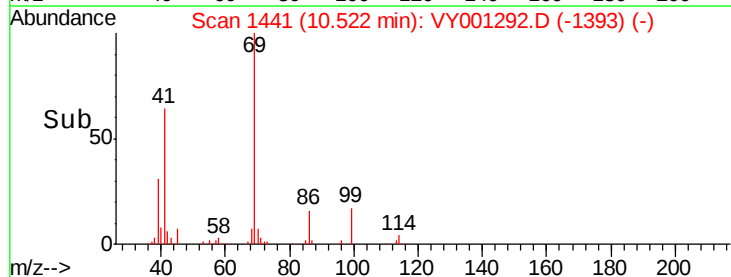
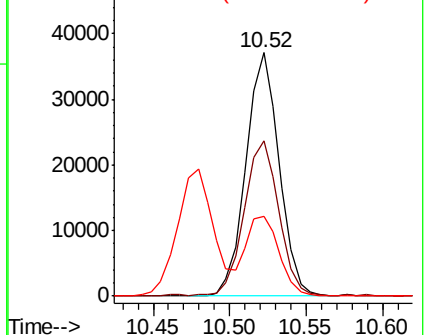
39 32.0 26.3 39.5

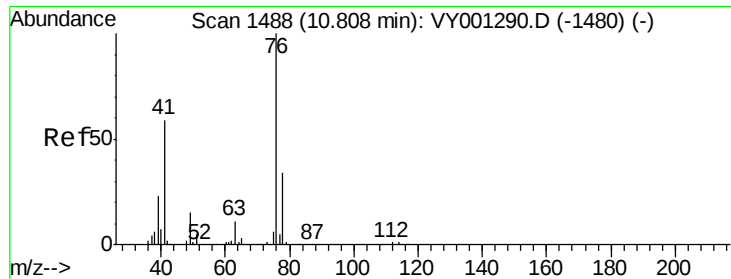


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 21.412 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

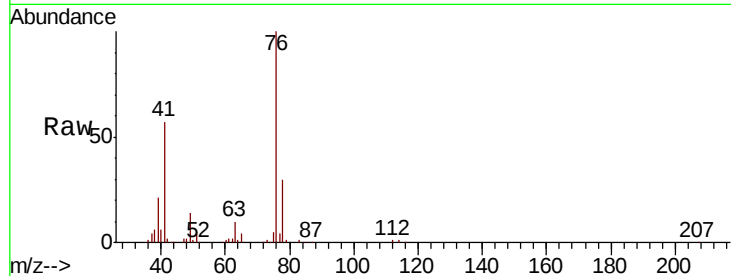
ClientSampleId :

Tot Ion: 76 Resp: 67282

Ion Ratio Lower Upper

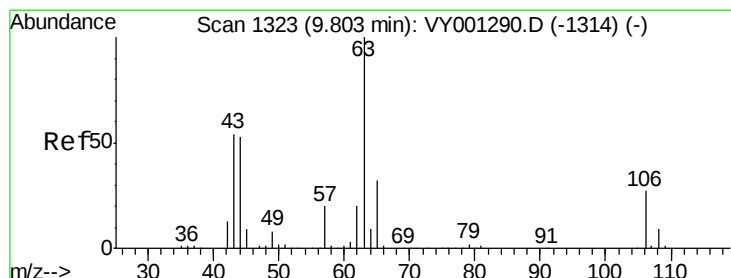
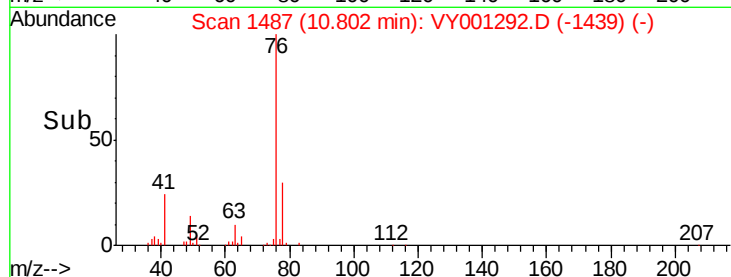
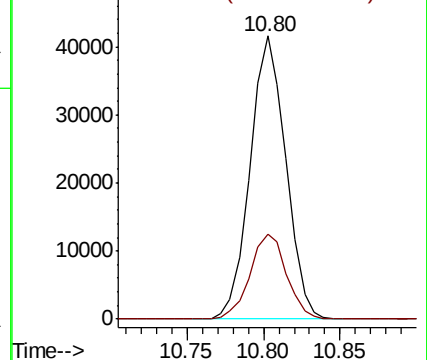
76 100

78 30.9 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 105.392 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VY001292.D

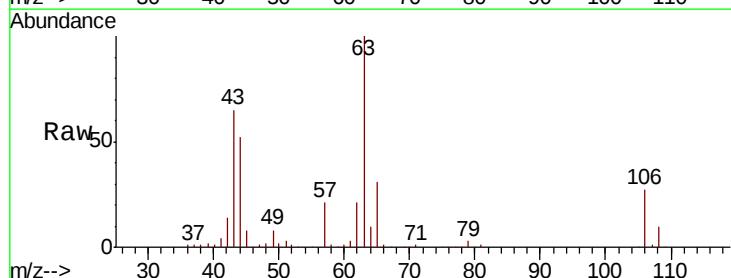
Acq: 20 Jan 2020 13:58

Tgt Ion: 63 Resp: 103782

Ion Ratio Lower Upper

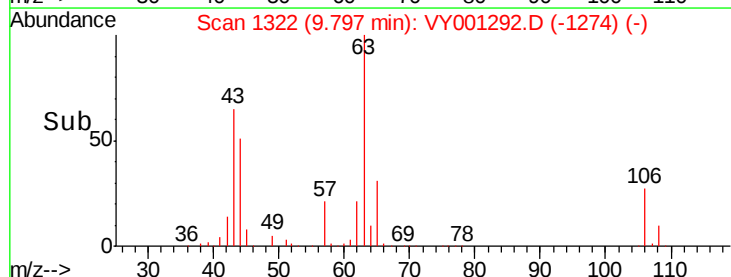
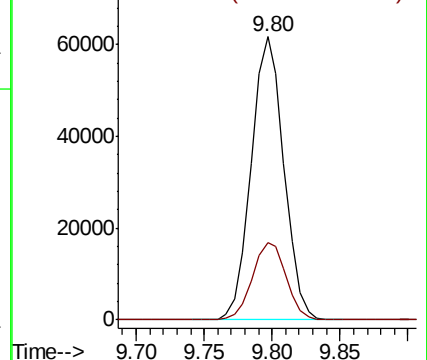
63 100

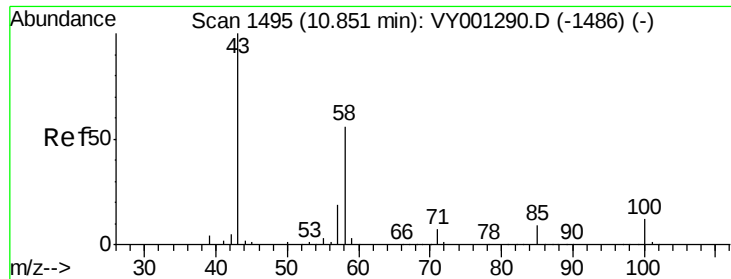
106 28.3 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

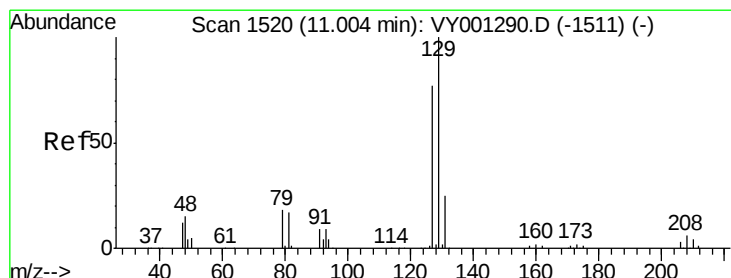
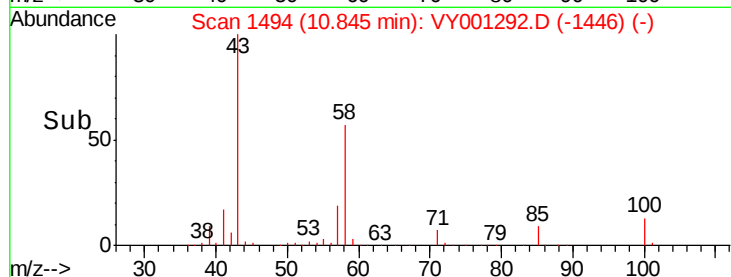
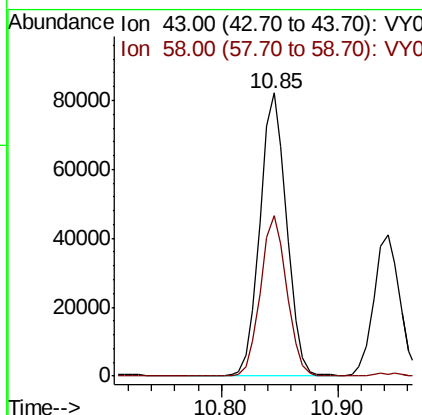
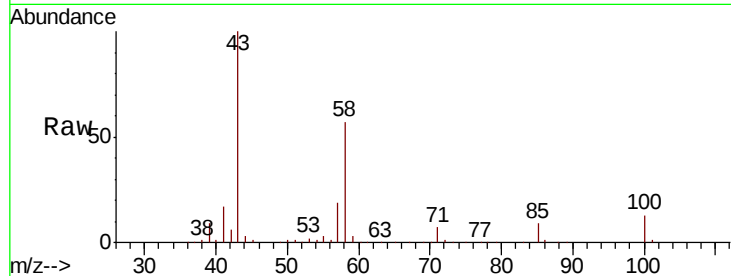




#59
2-Hexanone
Concen: 104.277 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

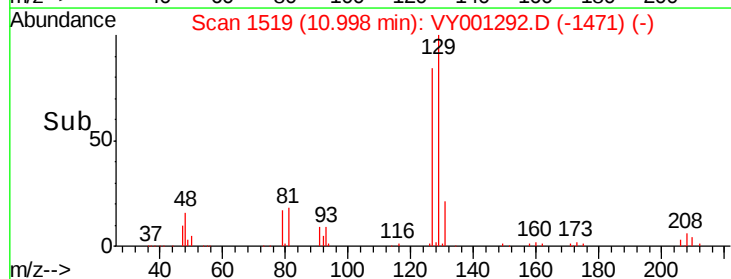
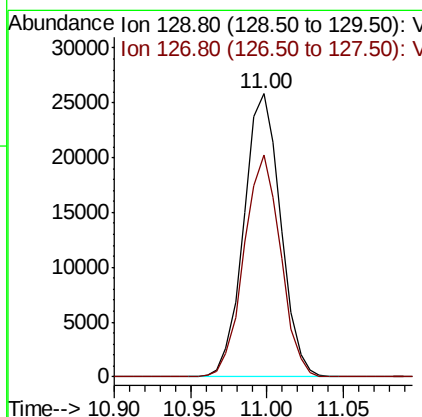
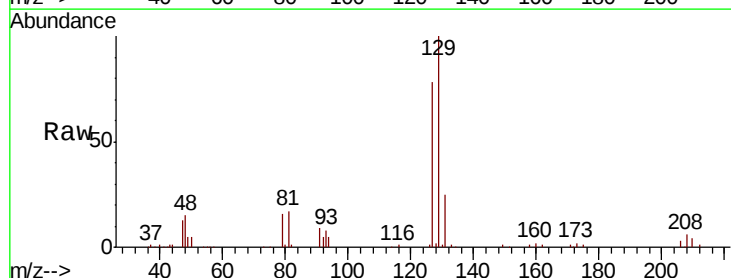
Instrument :
MSVOA_Y
ClientSampleId :

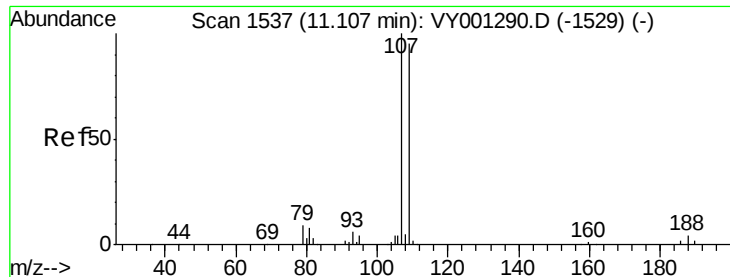
Tot Ion: 43 Resp: 130486
Ion Ratio Lower Upper
43 100
58 55.9 28.4 85.2



#60
Dibromochloromethane
Concen: 20.486 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion: 129 Resp: 43173
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.373 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

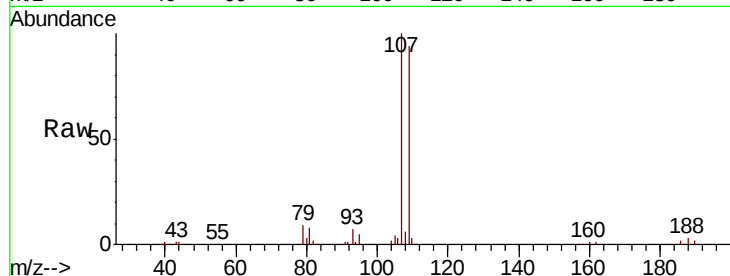
ClientSampleId :

Tot Ion: 107 Resp: 36410

Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.10

25000

20000

15000

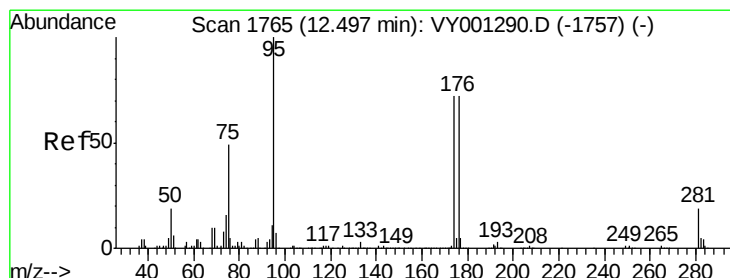
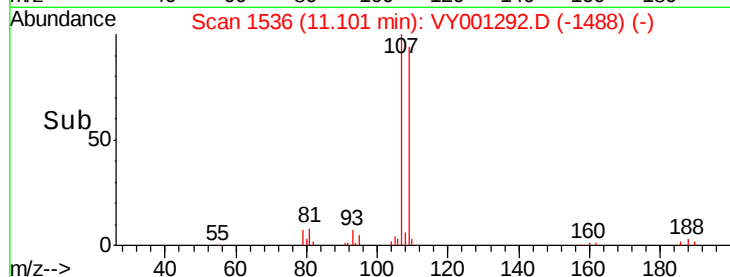
10000

5000

0

Time-->

11.05 11.10 11.15



#62

4-Bromofluorobenzene

Concen: 46.305 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

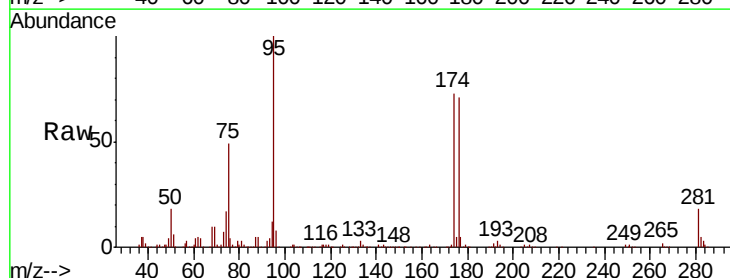
Tgt Ion: 95 Resp: 146928

Ion Ratio Lower Upper

95 100

174 74.6 0.0 143.2

176 73.1 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.49

120000

100000

80000

60000

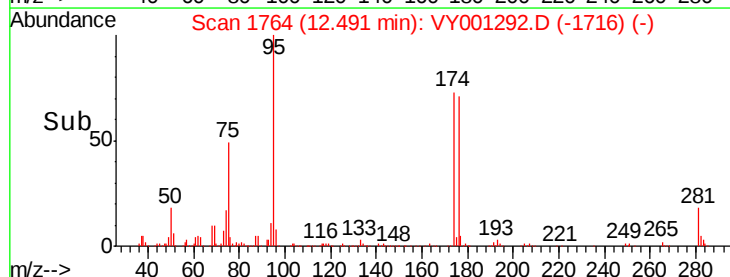
40000

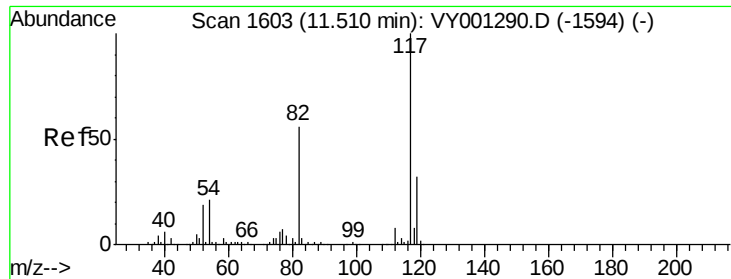
20000

0

Time-->

12.40 12.45 12.50 12.55

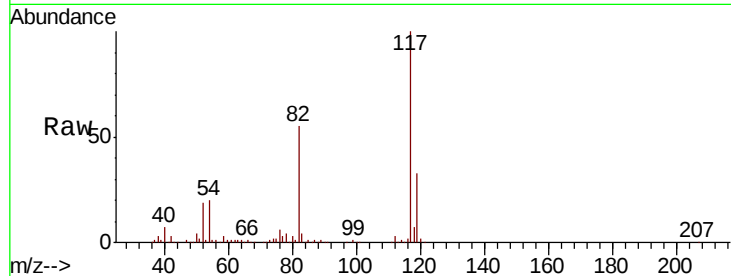




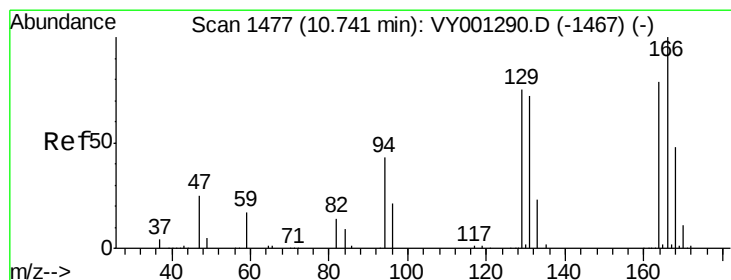
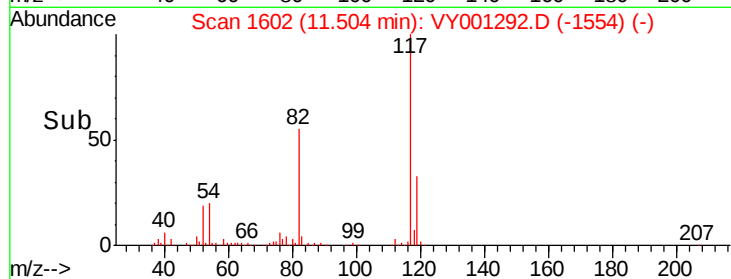
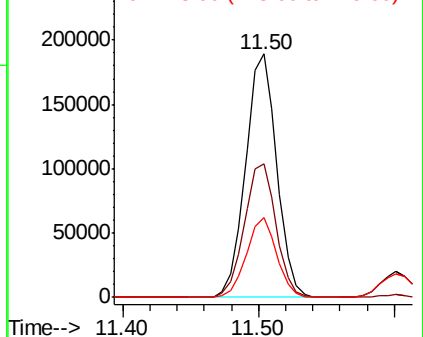
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 302163
Ion Ratio Lower Upper
117 100
82 54.8 44.9 67.3
119 32.8 25.7 38.5

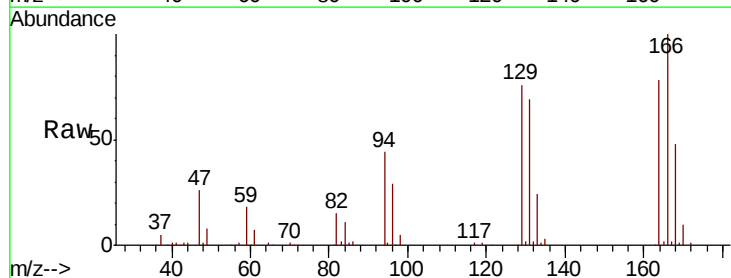


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

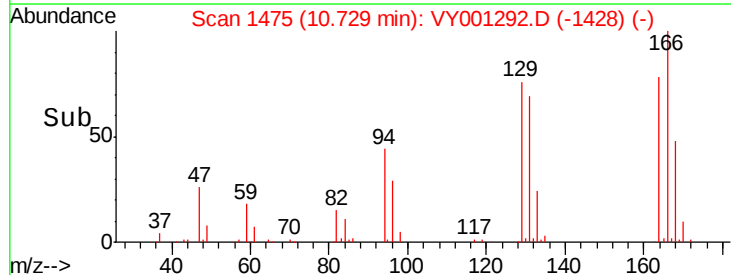
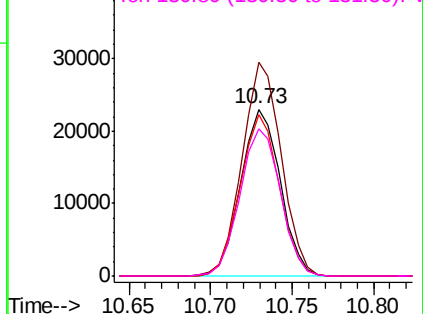


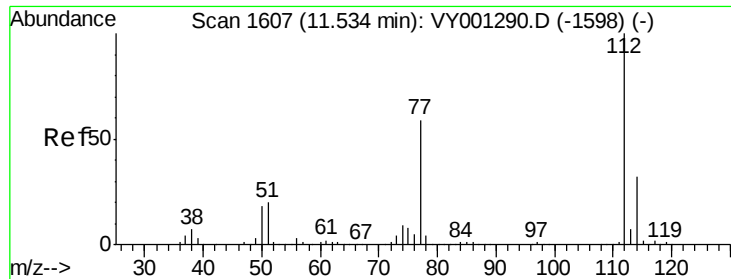
#64
Tetrachloroethene
Concen: 19.945 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion:164 Resp: 38849
Ion Ratio Lower Upper
164 100
166 128.4 102.3 153.5
129 97.3 76.2 114.4
131 88.7 73.9 110.9



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

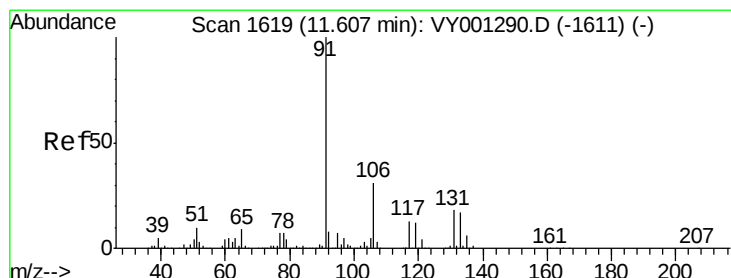
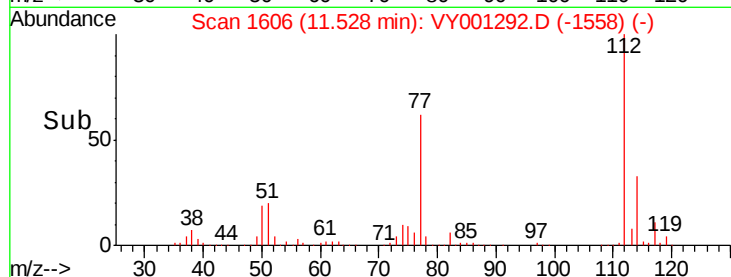
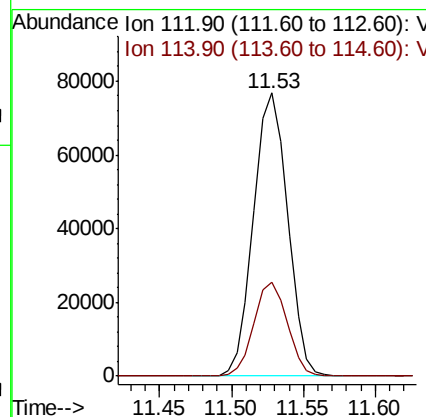
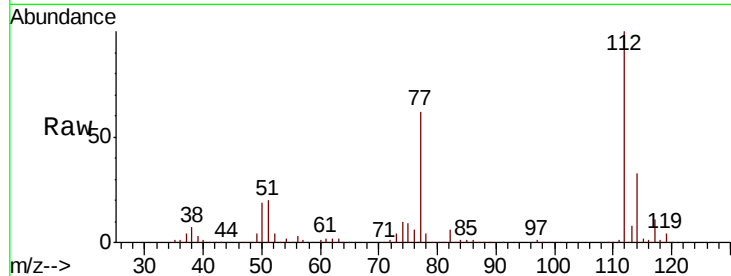




#65
Chlorobenzene
Concen: 20.812 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

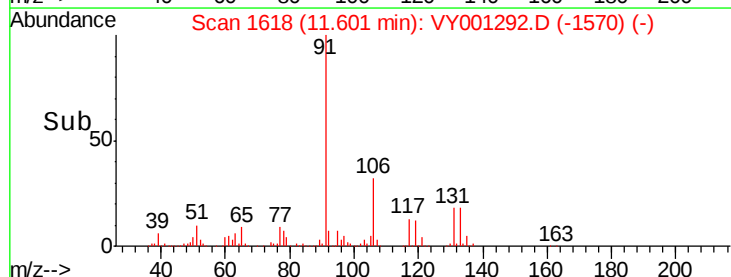
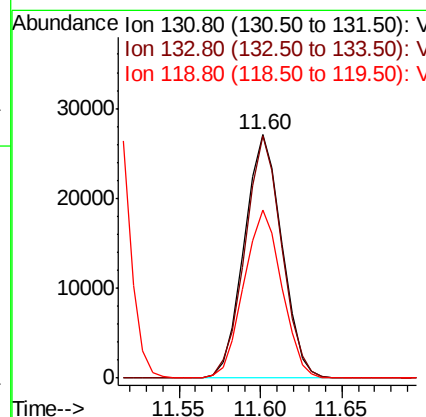
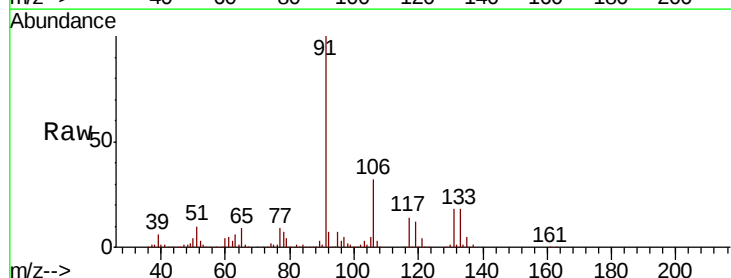
Instrument :
MSVOA_Y
ClientSampled :

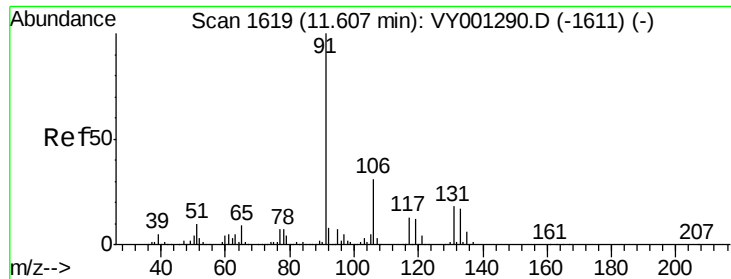
Tot Ion:112 Resp: 125659
Ion Ratio Lower Upper
112 100
114 33.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.985 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion:131 Resp: 43669
Ion Ratio Lower Upper
131 100
133 97.2 47.3 142.0
119 69.6 33.6 100.8

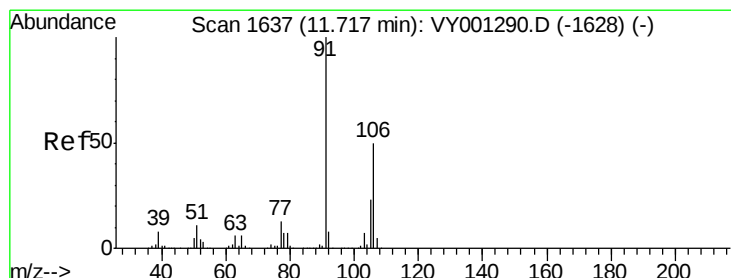
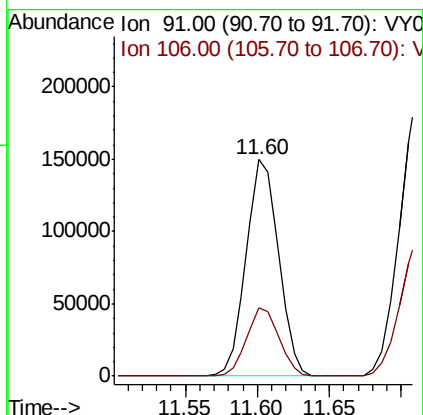
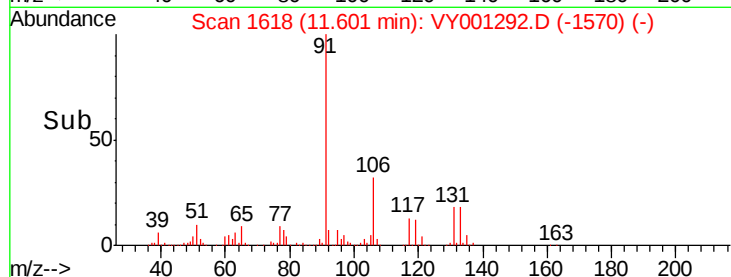
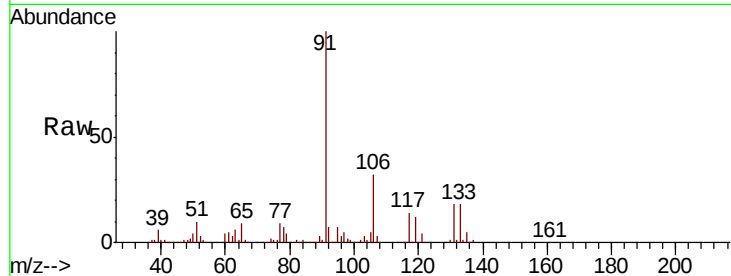




#67
Ethyl Benzene
Concen: 21.145 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

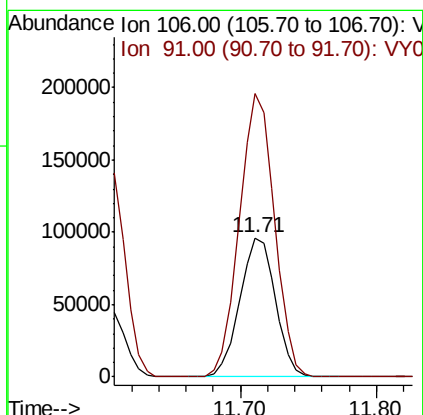
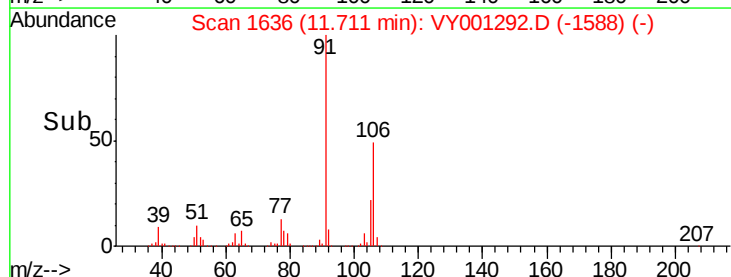
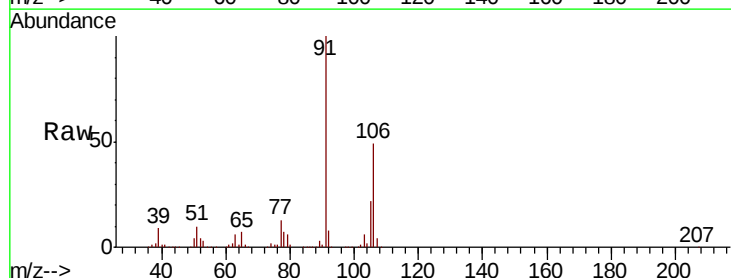
Instrument :
MSVOA_Y
ClientSampled :

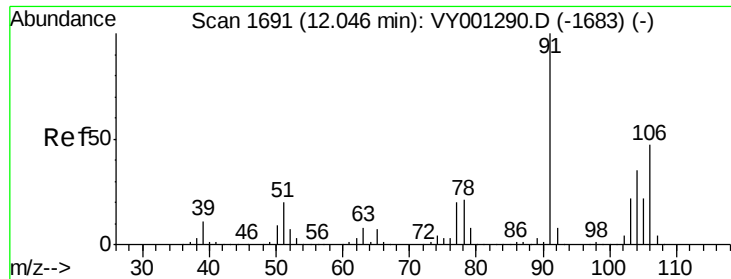
Tot Ion: 91 Resp: 233539
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 42.072 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion: 106 Resp: 175291
Ion Ratio Lower Upper
106 100
91 201.5 161.4 242.2

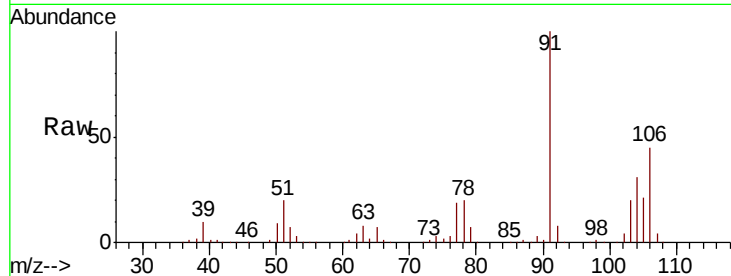




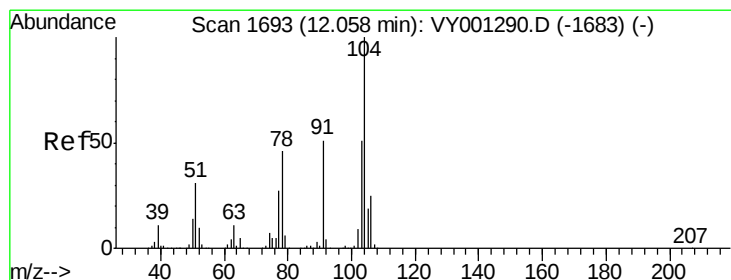
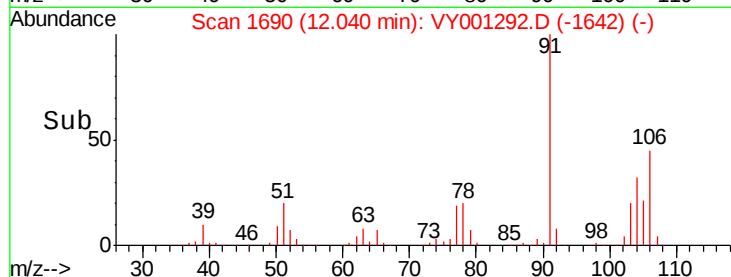
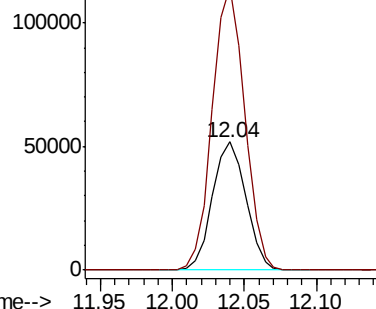
#69
o-Xylene
Concen: 20.873 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 83381
Ion Ratio Lower Upper
106 100
91 213.7 106.3 318.8

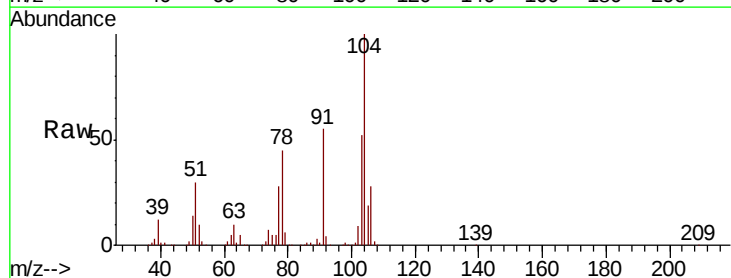


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

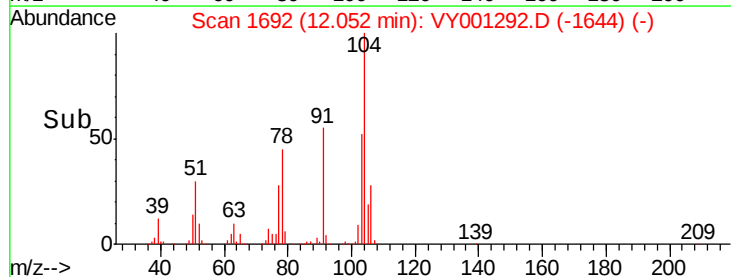
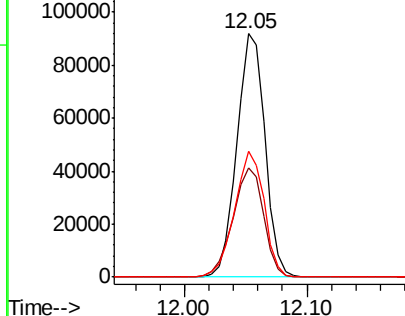


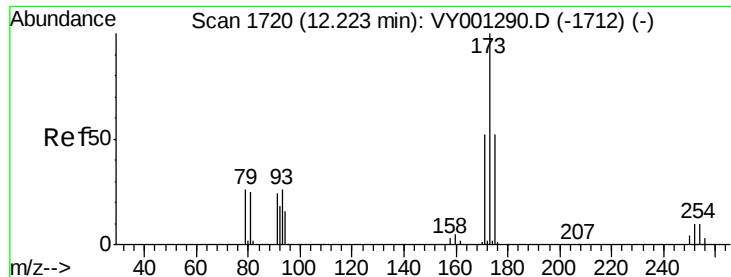
#70
Styrene
Concen: 20.785 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion:104 Resp: 145686
Ion Ratio Lower Upper
104 100
78 48.8 40.5 60.7
103 54.0 42.4 63.6



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

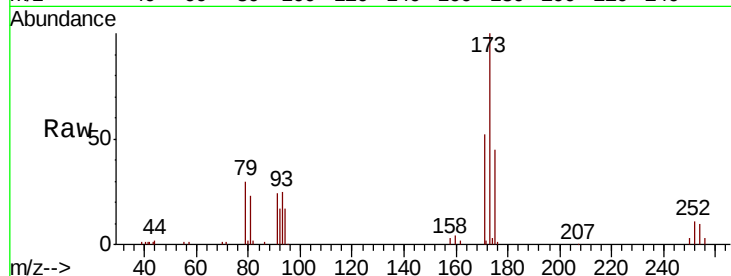




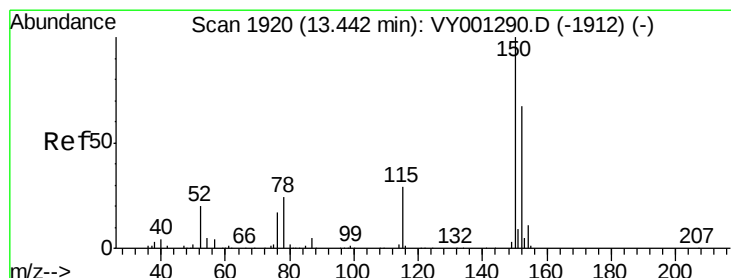
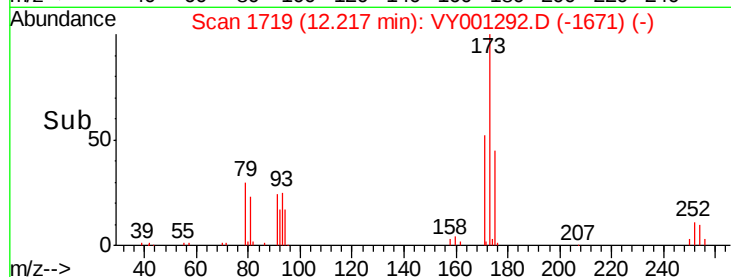
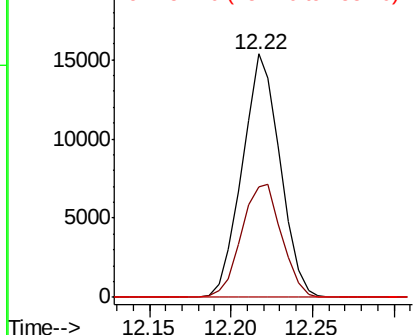
#71
Bromoform
Concen: 19.273 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 24733
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.2
254 0.0 0.1 0.1#

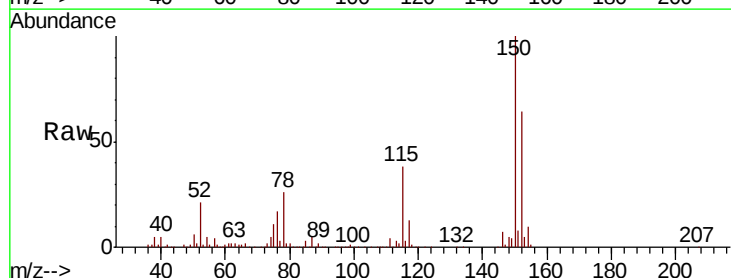


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

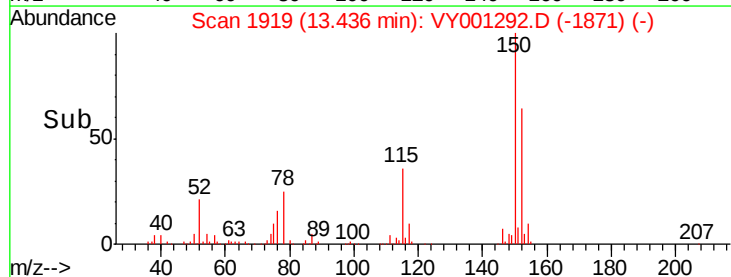
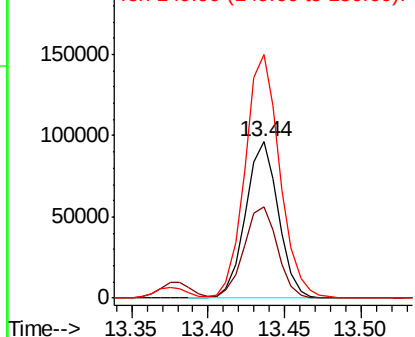


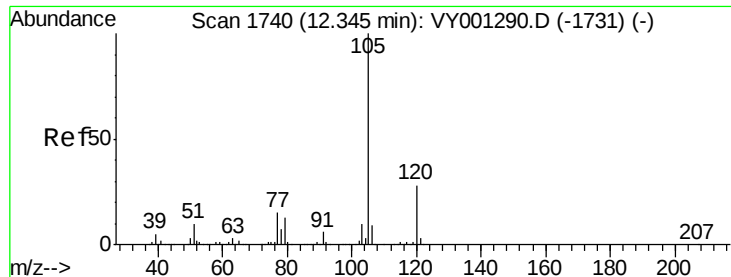
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion:152 Resp: 143550
Ion Ratio Lower Upper
152 100
115 59.9 30.9 92.5
150 164.8 0.0 346.8



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





#73

Isopropylbenzene

Concen: 20.661 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

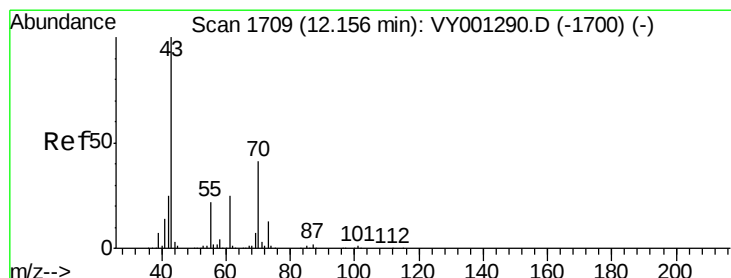
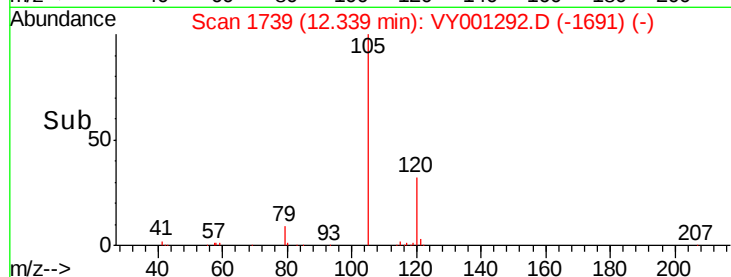
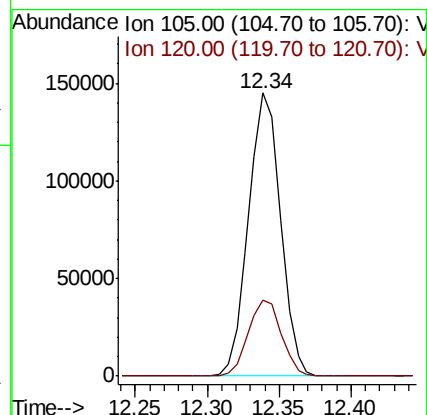
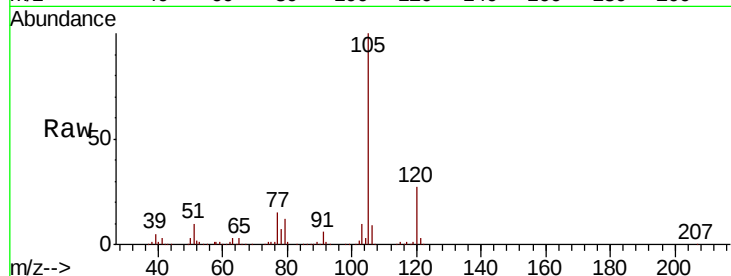
ClientSampleId :

Tot Ion:105 Resp: 222973

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.2



#74

N-ethyl acetate

Concen: 20.902 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.00 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Tgt Ion: 43 Resp: 70395

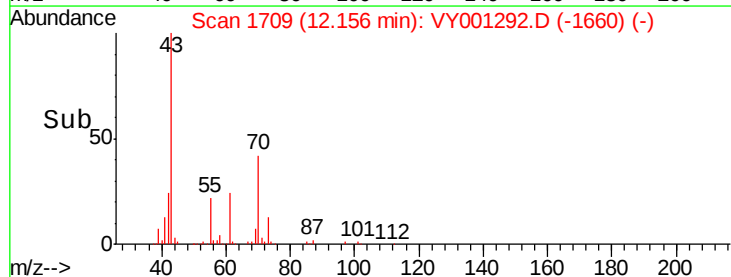
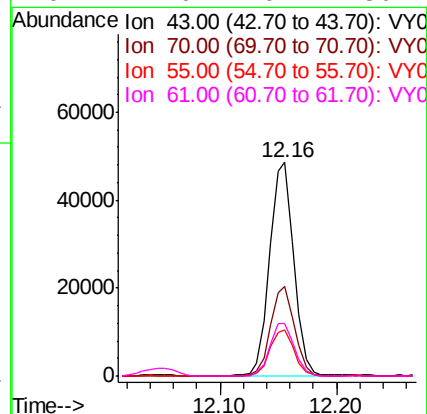
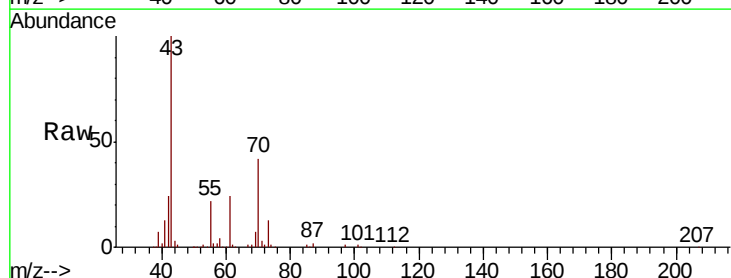
Ion Ratio Lower Upper

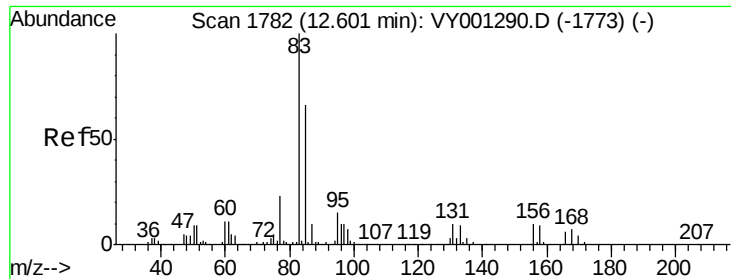
43 100

70 41.4 35.0 52.6

55 21.7 18.4 27.6

61 24.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.684 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

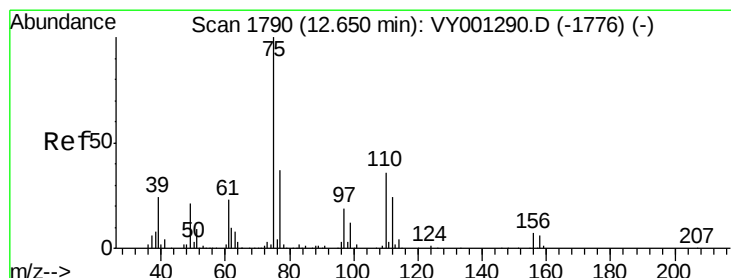
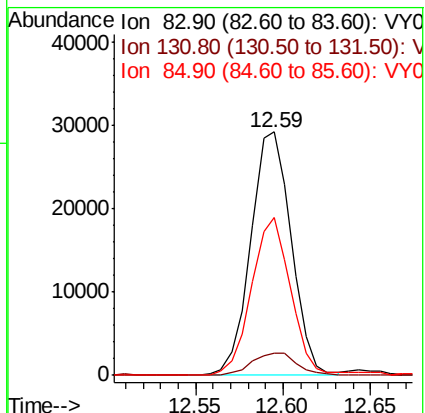
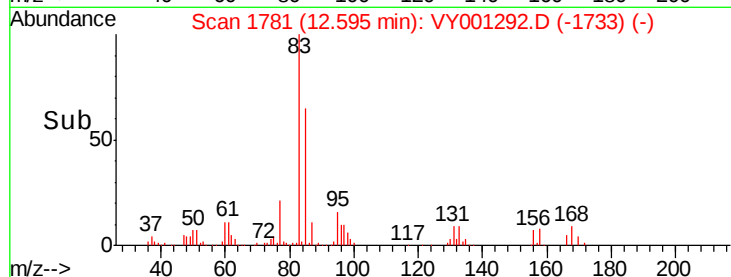
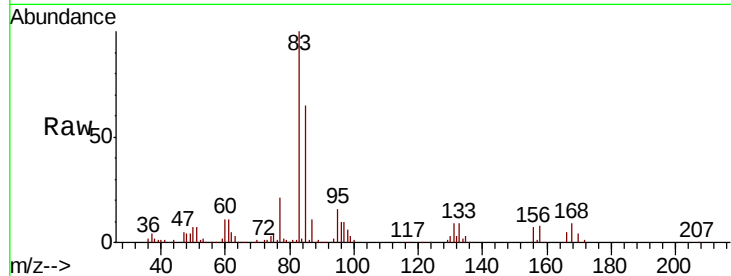
Tot Ion: 83 Resp: 46963

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

85 62.6 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 39.713 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VY001292.D

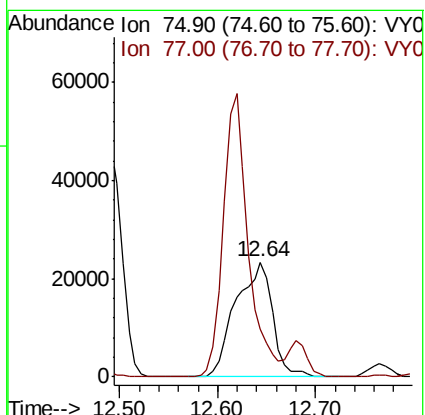
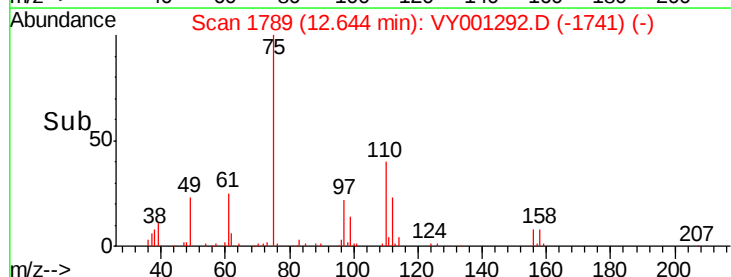
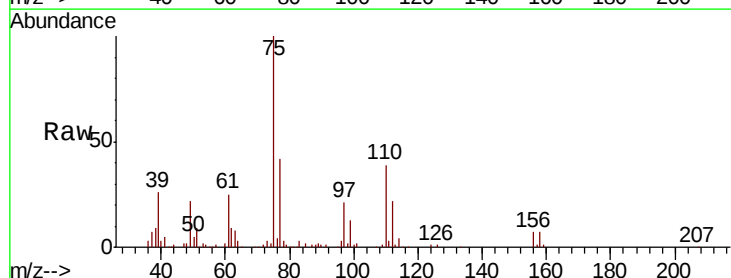
Acq: 20 Jan 2020 13:58

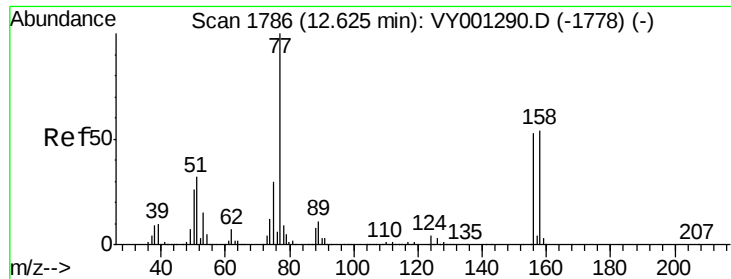
Tgt Ion: 75 Resp: 61027

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

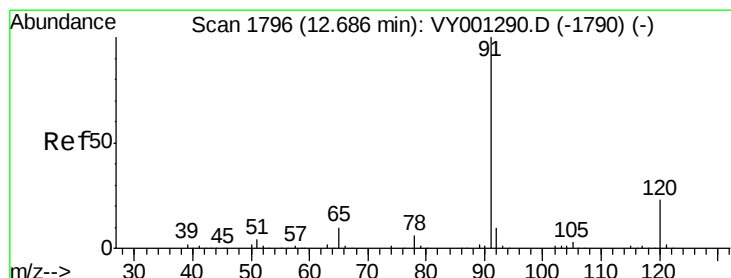
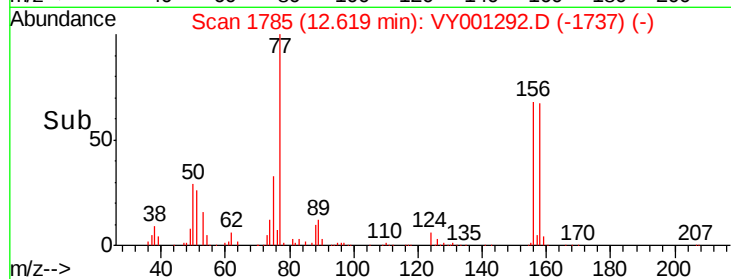
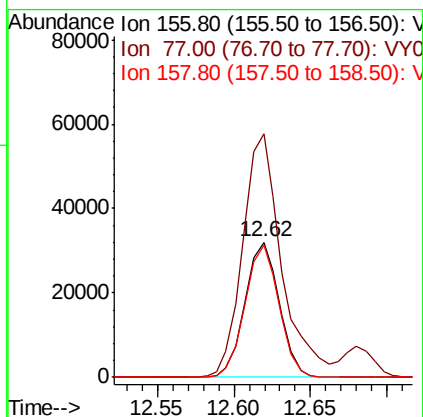
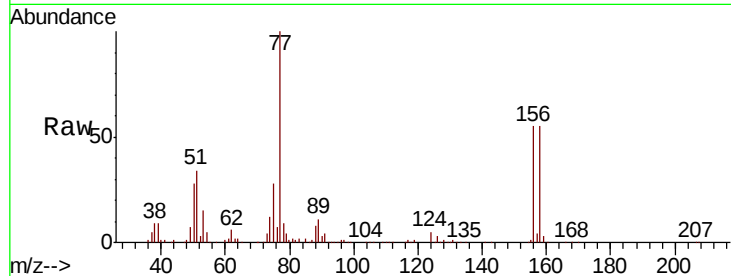




#77
Bromobenzene
Concen: 20.911 ug/l
RT: 12.62 min Scan# 1785
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

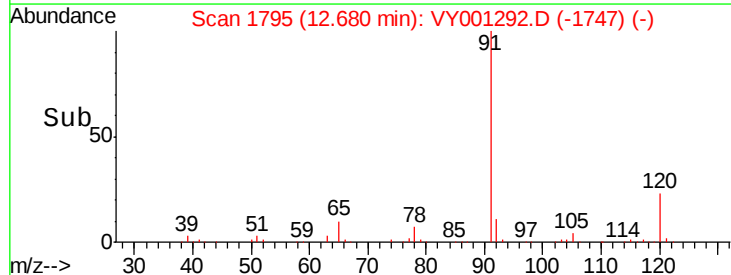
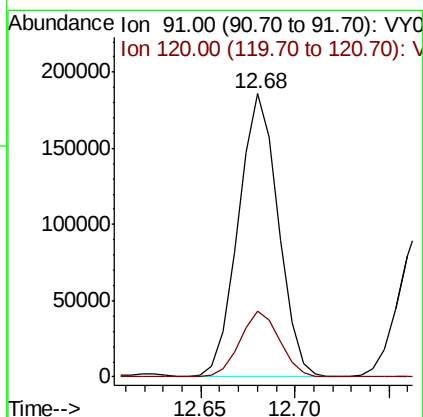
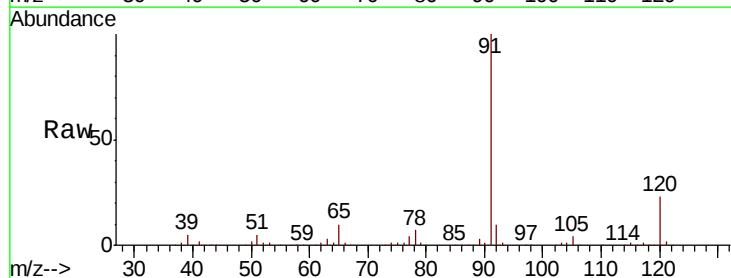
Instrument :
MSVOA_Y
ClientSampled :

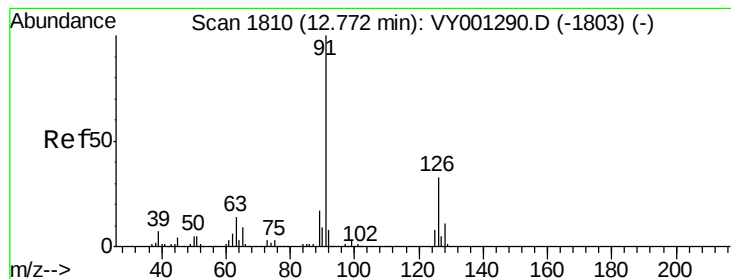
Tot Ion:156 Resp: 49865
Ion Ratio Lower Upper
156 100
77 204.0 106.7 320.1
158 97.0 48.3 144.8



#78
n-propylbenzene
Concen: 20.979 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion: 91 Resp: 272319
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.419 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

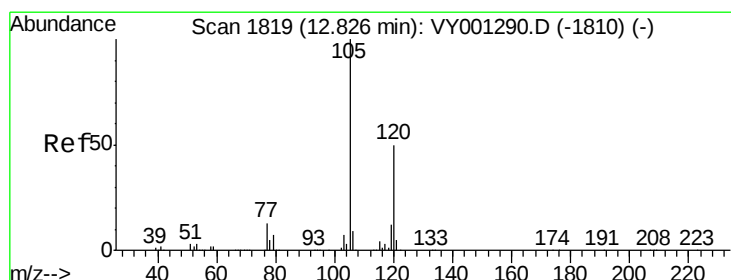
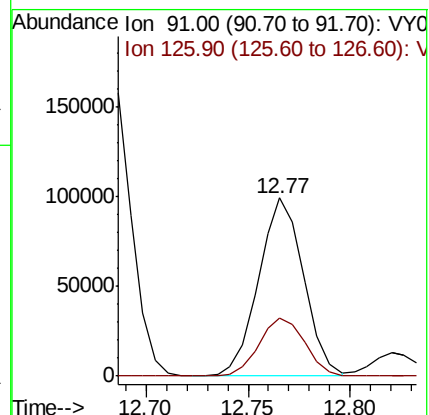
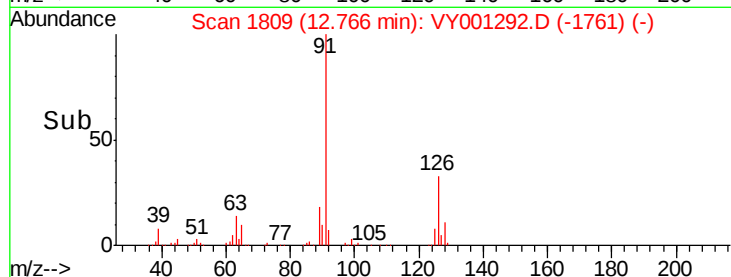
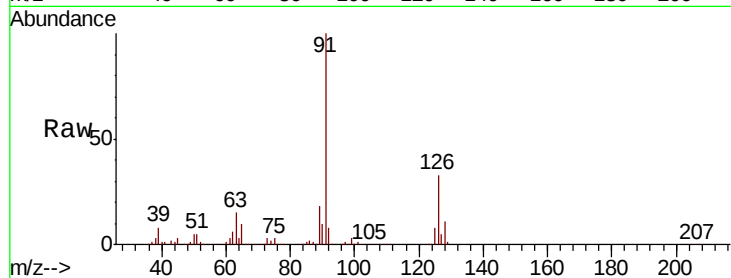
ClientSampleId :

Tot Ion: 91 Resp: 152221

Ion Ratio Lower Upper

91 100

126 33.6 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 20.810 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VY001292.D

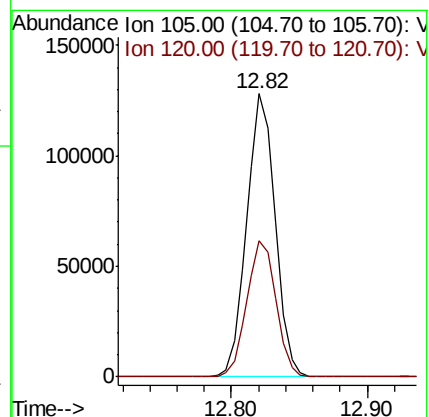
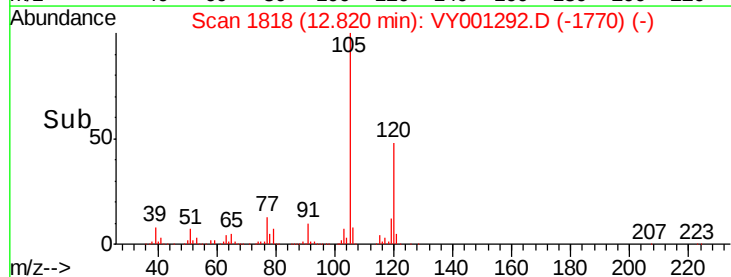
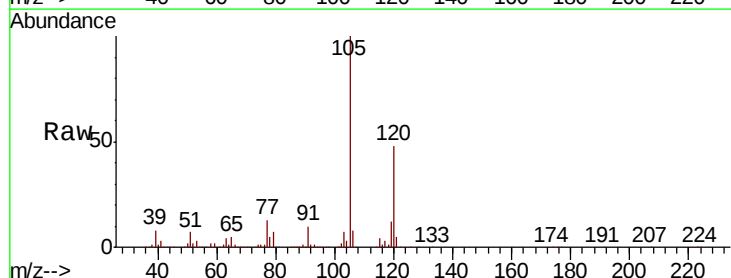
Acq: 20 Jan 2020 13:58

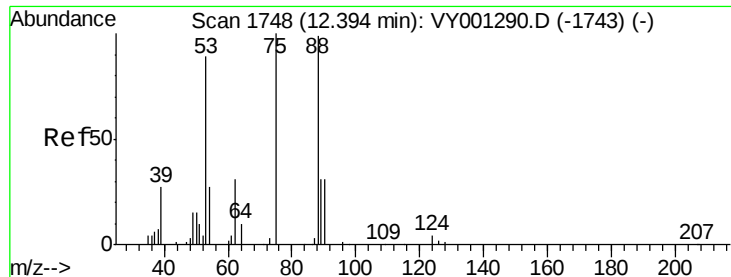
Tgt Ion: 105 Resp: 187376

Ion Ratio Lower Upper

105 100

120 49.5 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.642 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

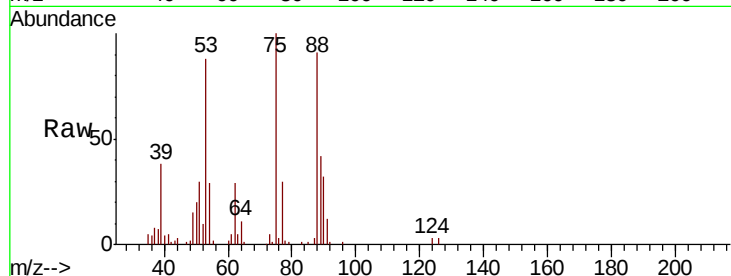
Tot Ion: 75 Resp: 16893

Ion Ratio Lower Upper

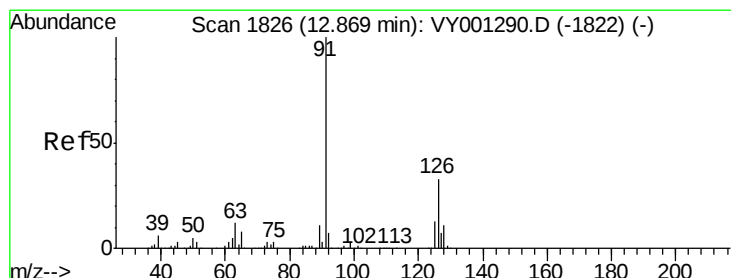
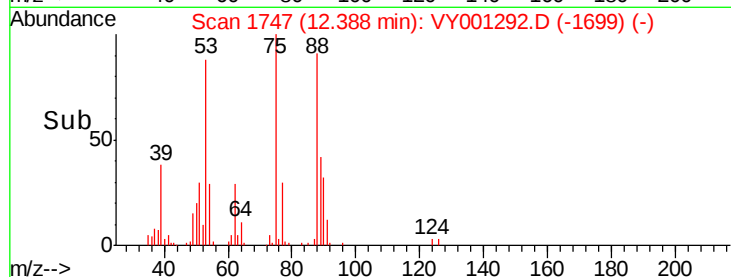
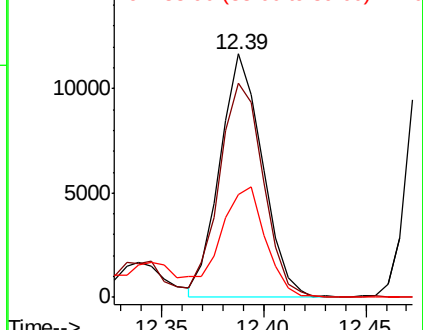
75 100

53 90.9 69.4 104.2

89 47.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.271 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VY001292.D

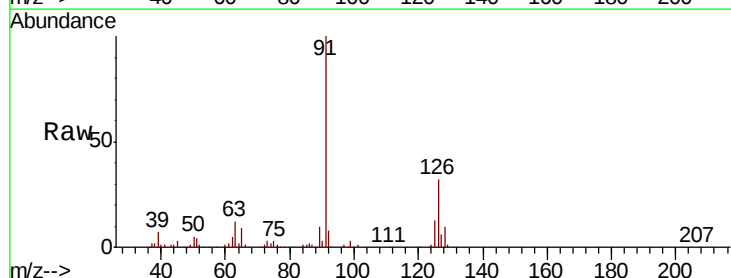
Acq: 20 Jan 2020 13:58

Tgt Ion: 91 Resp: 161330

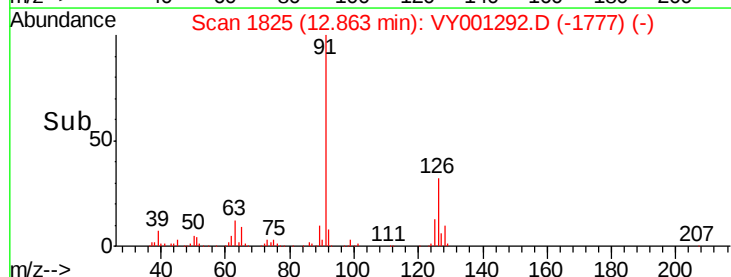
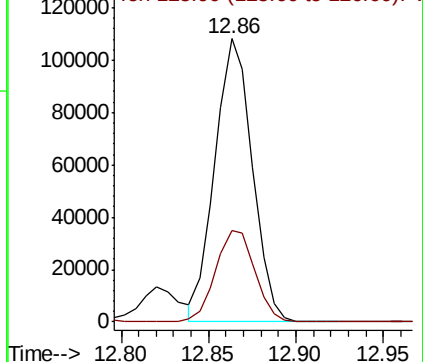
Ion Ratio Lower Upper

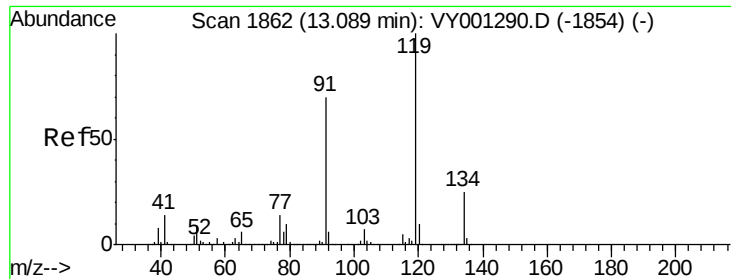
91 100

126 34.0 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.977 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

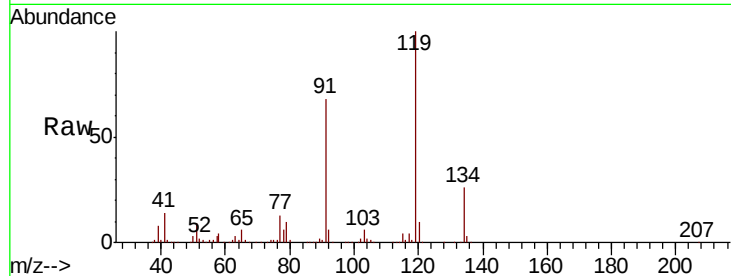
Tot Ion:119 Resp: 158716

Ion Ratio Lower Upper

119 100

91 66.9 33.9 101.7

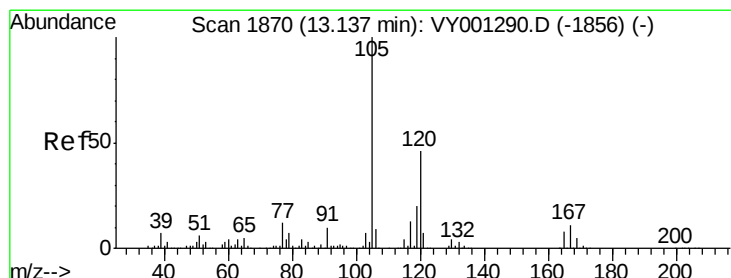
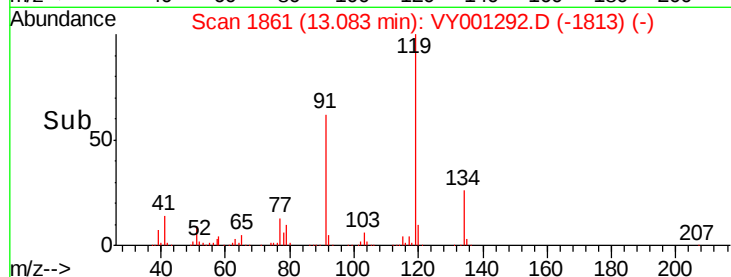
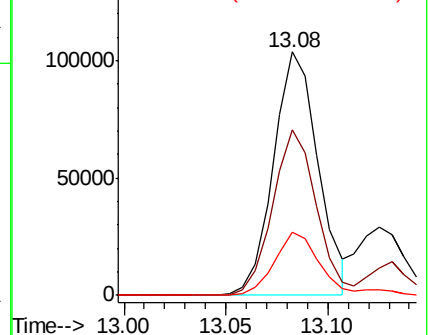
134 27.3 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.257 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. -0.01 min

Lab File: VY001292.D

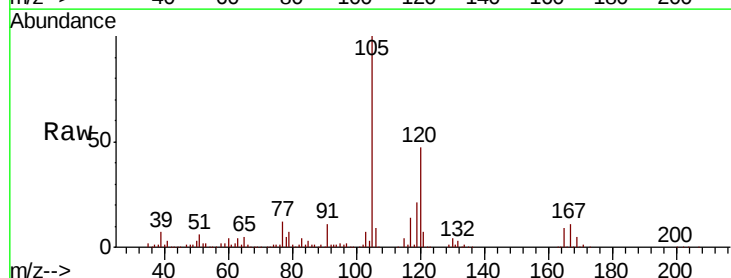
Acq: 20 Jan 2020 13:58

Tgt Ion:105 Resp: 190074

Ion Ratio Lower Upper

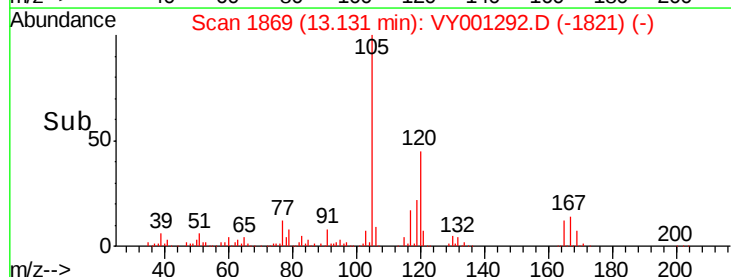
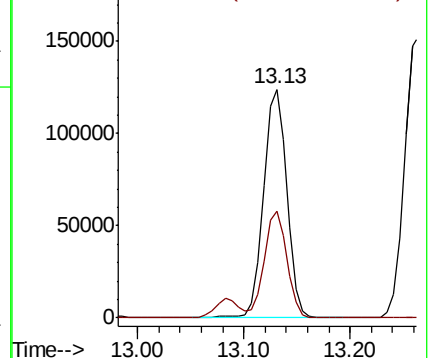
105 100

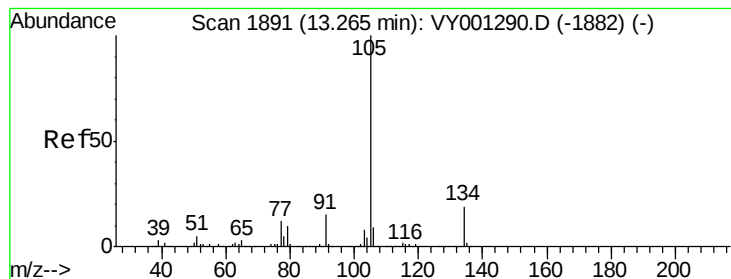
120 45.5 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.306 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

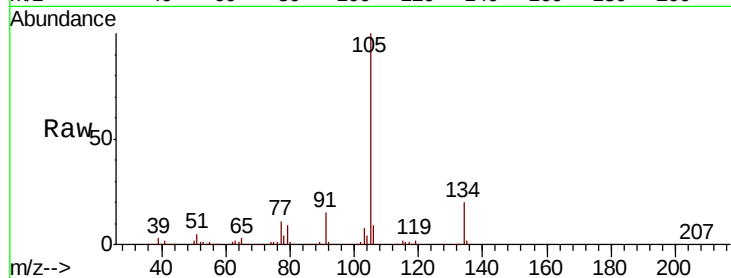
ClientSampleId :

Tot Ion:105 Resp: 231909

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

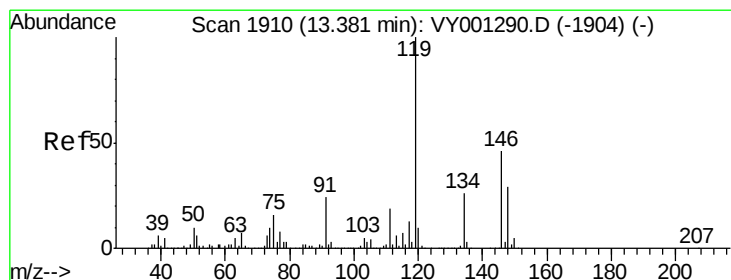
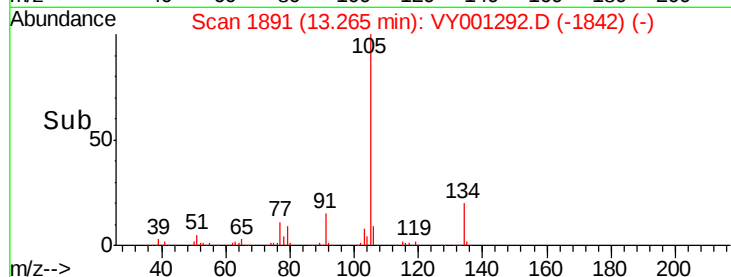
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.745 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

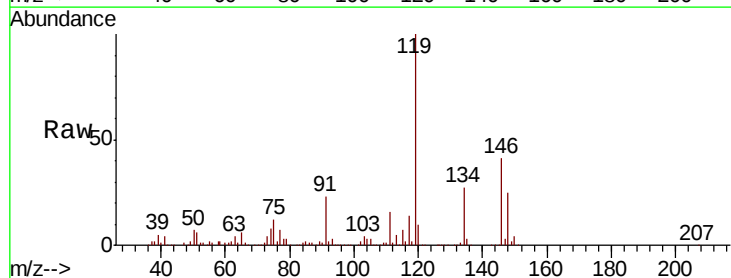
Tgt Ion:119 Resp: 205497

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 23.9 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

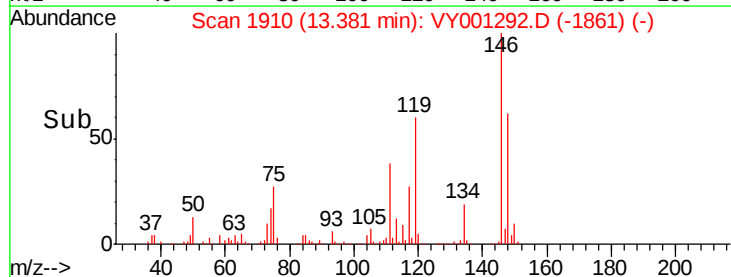
150000

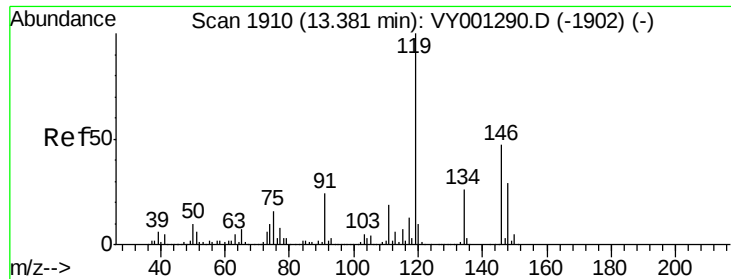
100000

50000

0

Time-->

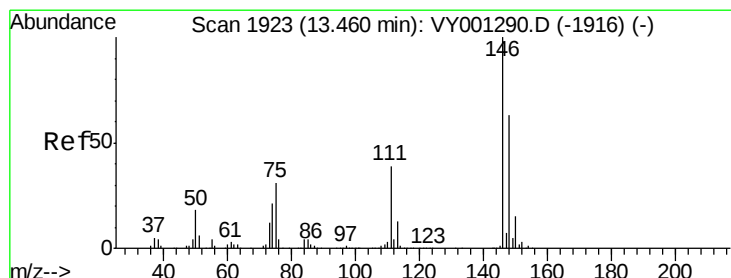
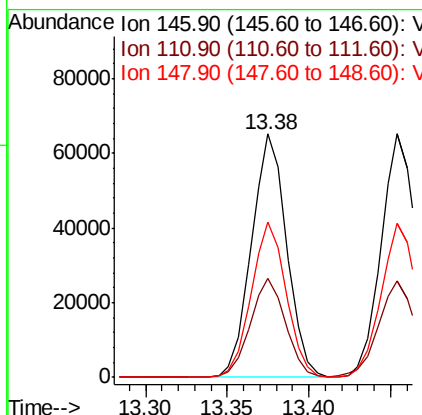
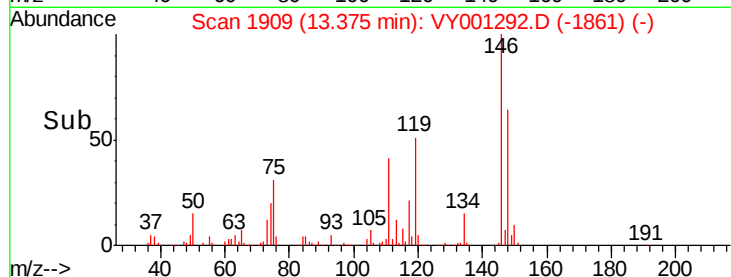
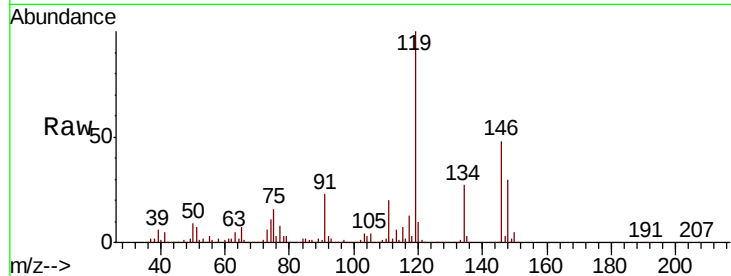




#87
 1,3-Dichlorobenzene
 Concen: 21.723 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

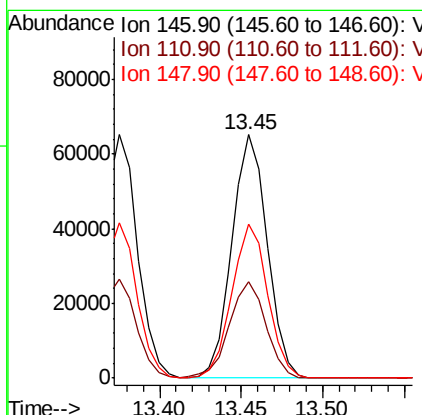
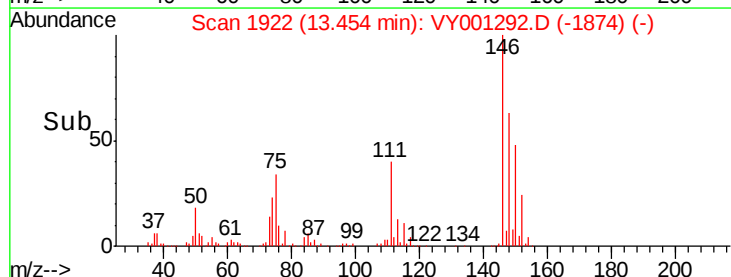
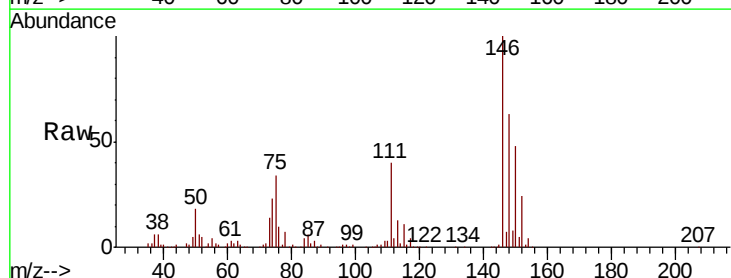
Instrument :
 MSVOA_Y
 ClientSampled :

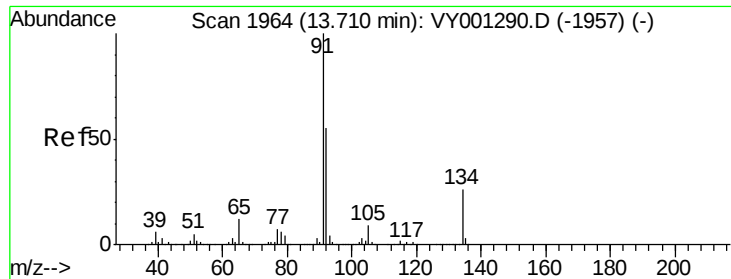
Tot Ion:146 Resp: 97965
 Ion Ratio Lower Upper
 146 100
 111 40.8 21.3 64.0
 148 63.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 21.293 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion:146 Resp: 98829
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.5
 148 63.8 32.0 96.2





#89

n-Butylbenzene

Concen: 21.598 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

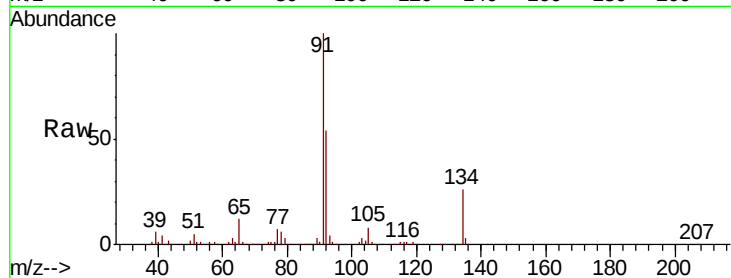
Tot Ion: 91 Resp: 205574

Ion Ratio Lower Upper

91 100

92 54.3 27.7 83.1

134 26.0 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VY001292.D (-1957) (-)

Ion 92.00 (91.70 to 92.70): VY001292.D (-1957) (-)

Ion 134.00 (133.70 to 134.70): VY001292.D (-1957) (-)

13.70

150000

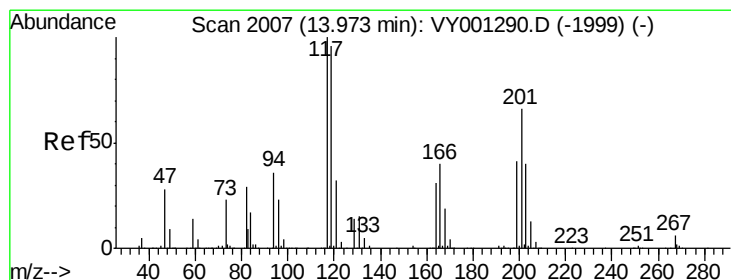
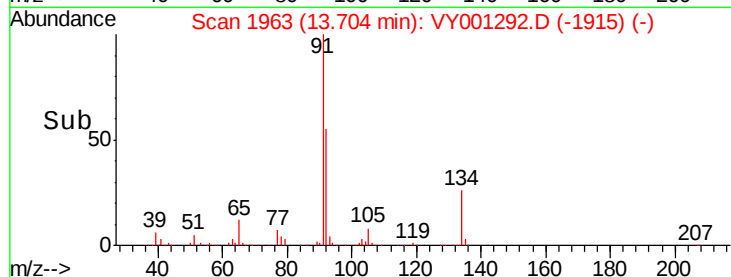
100000

50000

0

13.65 13.70 13.75

Time-->



#90

Hexachloroethane

Concen: 20.979 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VY001292.D

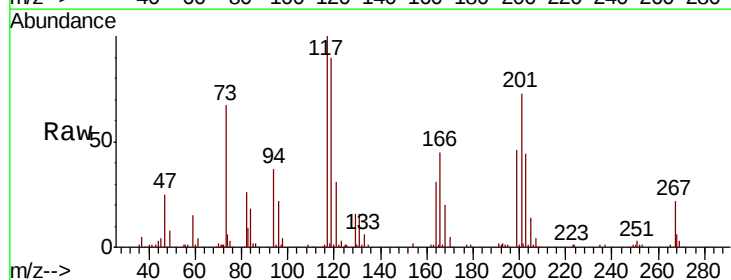
Acq: 20 Jan 2020 13:58

Tgt Ion: 117 Resp: 38740

Ion Ratio Lower Upper

117 100

201 71.5 35.4 106.2



Abundance Ion 116.80 (116.50 to 117.50): VY001292.D (-1958) (-)

Ion 200.70 (200.40 to 201.40): VY001292.D (-1958) (-)

13.97

25000

20000

15000

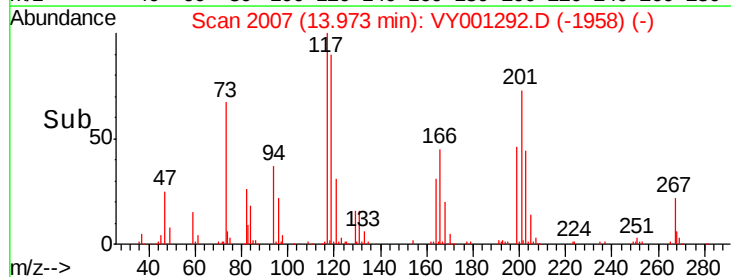
10000

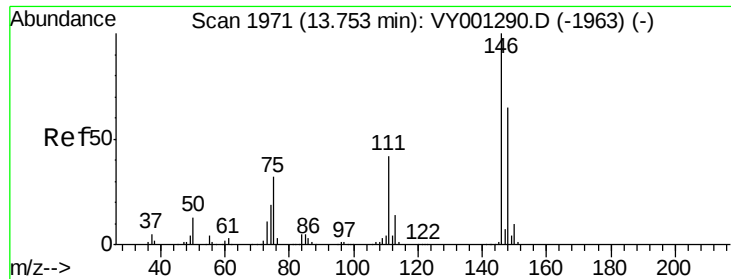
5000

0

13.90 13.95 14.00

Time-->

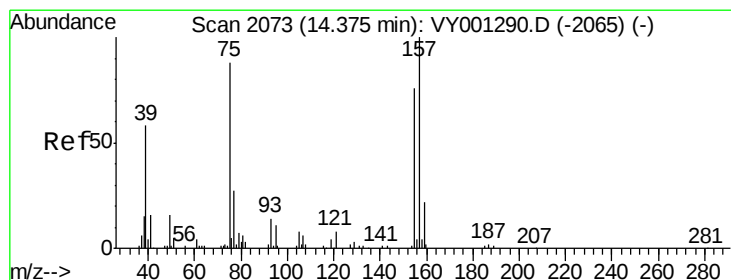
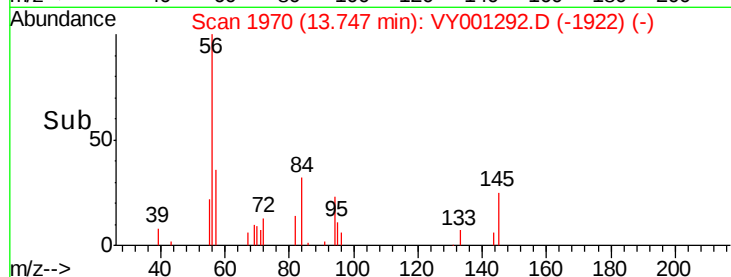
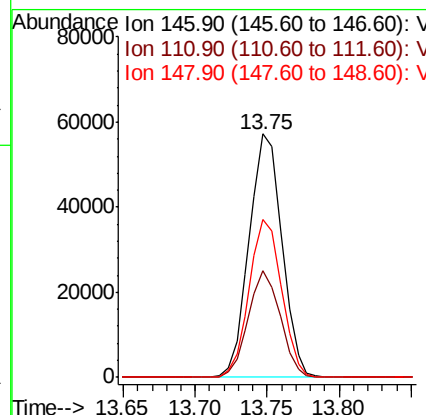
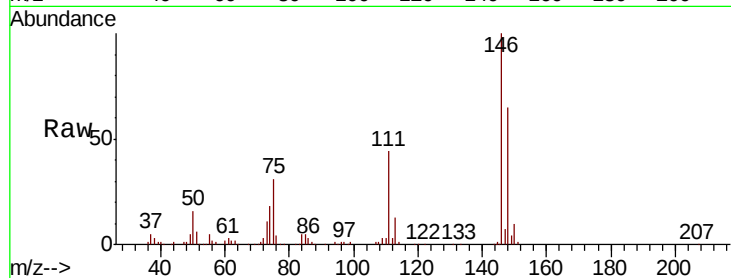




#91
 1,2-Dichlorobenzene
 Concen: 21.523 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

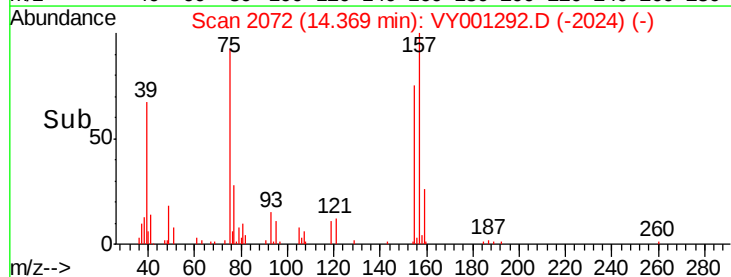
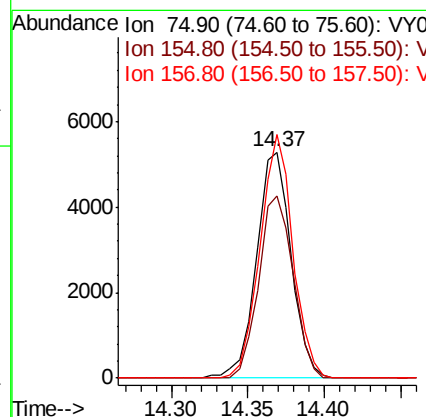
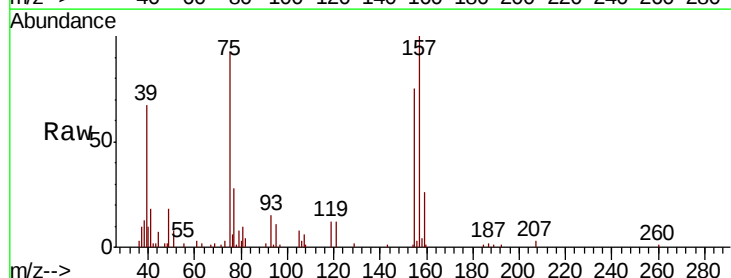
Instrument :
 MSVOA_Y
 ClientSampleId :

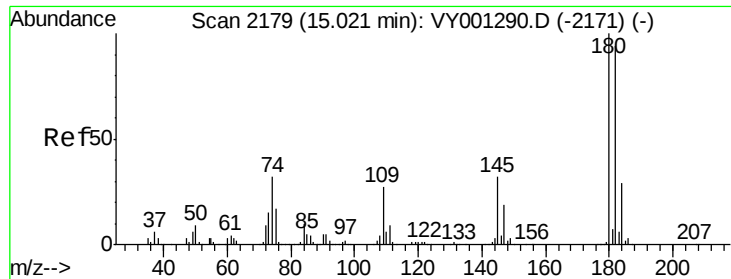
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	22.0	66.0
148	64.1	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.273 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	41.2	123.6
157	102.5	52.8	158.4

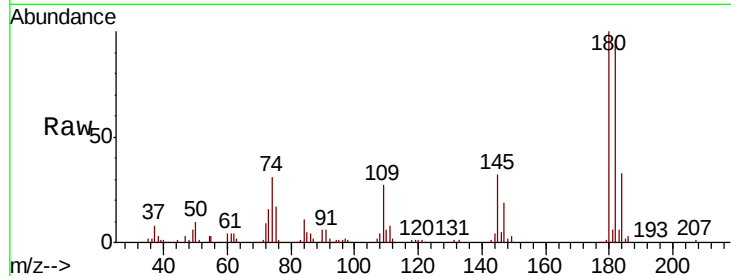




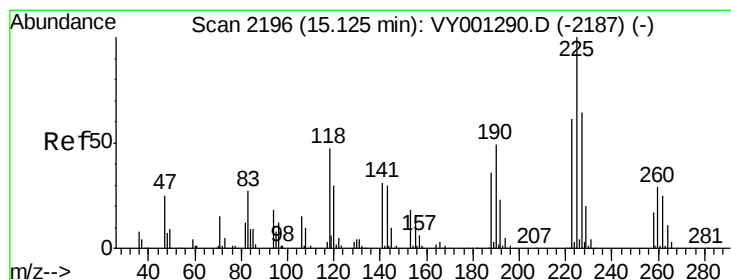
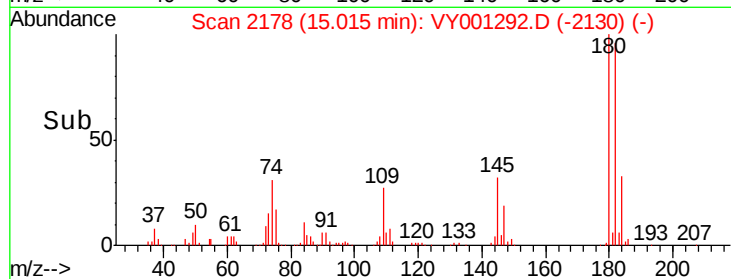
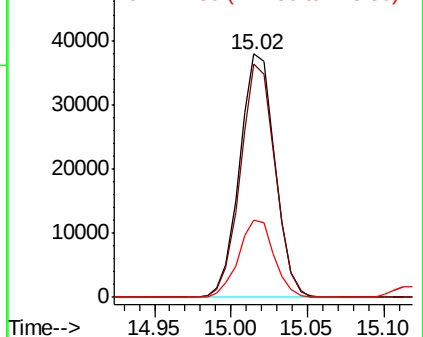
#93
 1,2,4-Trichlorobenzene
 Concen: 21.909 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 60501
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.9 140.8
 145 31.9 16.0 48.0

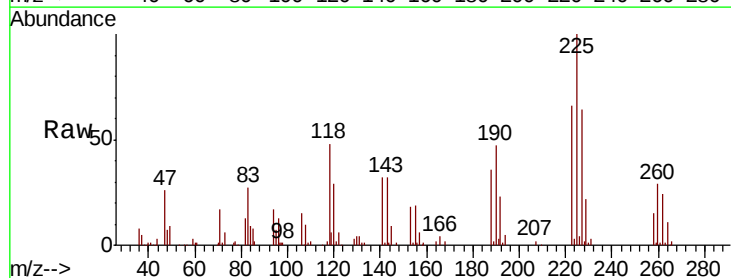


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

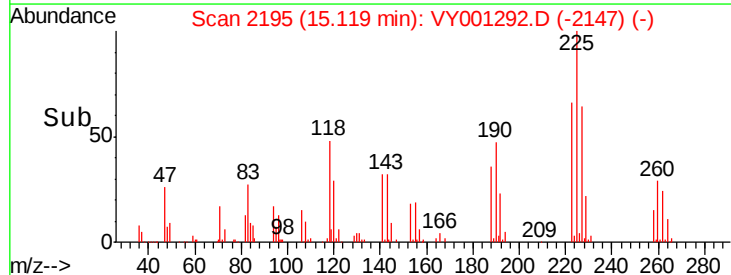
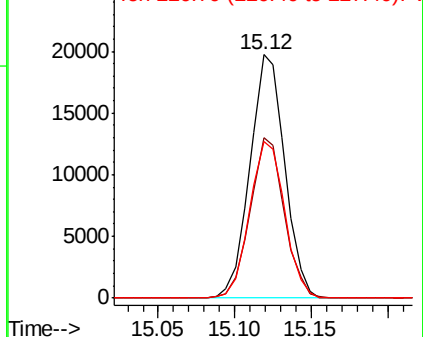


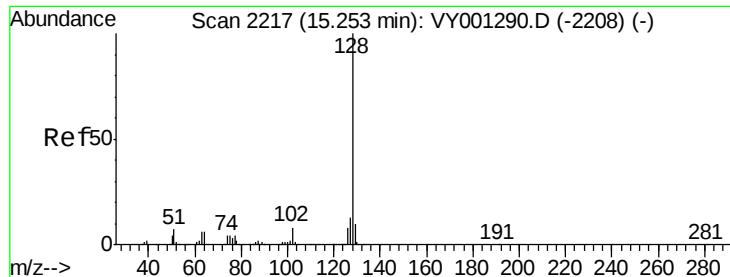
#94
 Hexachlorobutadiene
 Concen: 22.414 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion:225 Resp: 31182
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.1 93.3
 227 64.9 31.3 93.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.041 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampled :

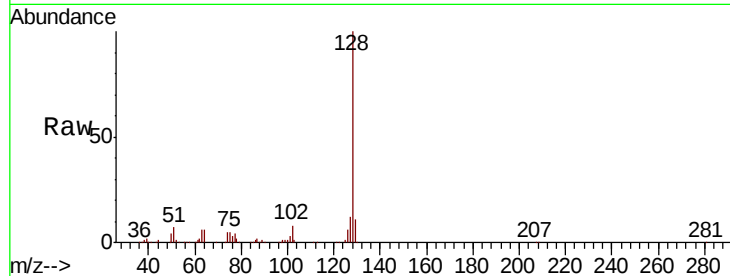
Tot Ion:128 Resp: 135266

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

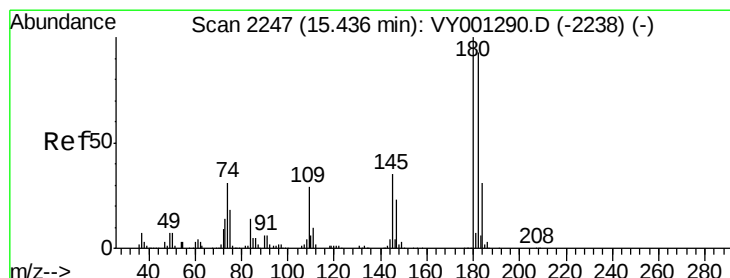
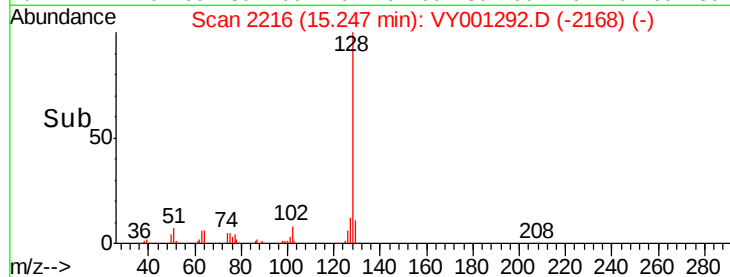
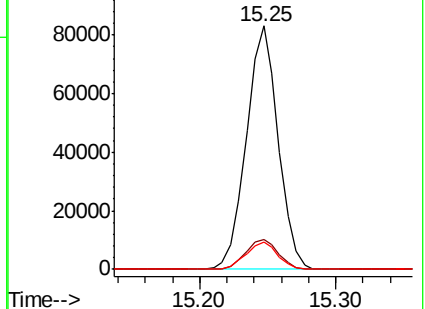
129 11.1 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.090 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

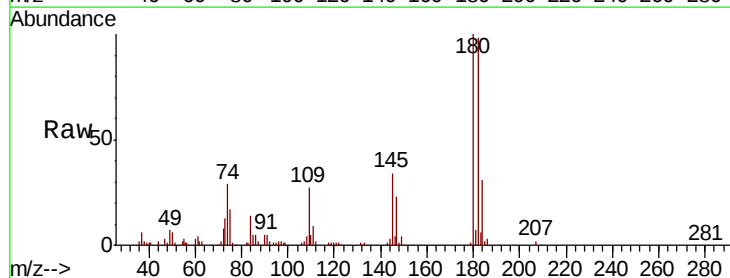
Tgt Ion:180 Resp: 53762

Ion Ratio Lower Upper

180 100

182 93.8 47.5 142.5

145 33.2 17.1 51.3



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

