

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001550.D
 Acq On : 07 Feb 2020 13:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 08 01:23:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	208112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	361254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	324373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	157351	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	113531	54.18	ug/l	0.00
Spiked Amount			Recovery	=	108.36%	
35) Dibromofluoromethane	7.74	113	104032	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
50) Toluene-d8	10.19	98	434851	55.17	ug/l	0.00
Spiked Amount			Recovery	=	110.34%	
62) 4-Bromofluorobenzene	12.49	95	160941	51.83	ug/l	0.00
Spiked Amount			Recovery	=	103.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	87479	42.942	ug/l	96
3) Chloromethane	2.13	50	112039	52.621	ug/l	97
4) Vinyl Chloride	2.26	62	118514	53.607	ug/l	99
5) Bromomethane	2.66	94	77592	55.806	ug/l	92
6) Chloroethane	2.81	64	74318	55.768	ug/l	98
7) Trichlorofluoromethane	3.15	101	155711	42.550	ug/l	97
8) Diethyl Ether	3.55	74	60087	48.657	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.92	101	98803	44.873	ug/l	98
10) Methyl Iodide	4.11	142	122792	43.767	ug/l	99
11) Tert butyl alcohol	4.99	59	52640	219.239	ug/l	98
12) 1,1-Dichloroethene	3.90	96	99271	45.370	ug/l	95
13) Acrolein	3.75	56	56672	285.632	ug/l	99
14) Allyl chloride	4.50	41	172224	51.454	ug/l	97
15) Acrylonitrile	5.19	53	158477	279.934	ug/l	100
16) Acetone	3.97	43	162885	268.737	ug/l	99
17) Carbon Disulfide	4.22	76	320263	45.979	ug/l	97
18) Methyl Acetate	4.50	43	71744	55.468	ug/l	94
19) Methyl tert-butyl Ether	5.25	73	278416	47.848	ug/l	99
20) Methylene Chloride	4.74	84	109761	45.857	ug/l	90
21) trans-1,2-Dichloroethene	5.25	96	112006	46.048	ug/l	97
22) Diisopropyl ether	6.14	45	359108	54.152	ug/l	94
23) Vinyl Acetate	6.09	43	1218624	288.669	ug/l	96
24) 1,1-Dichloroethane	6.05	63	192984	48.382	ug/l	99
25) 2-Butanone	7.01	43	233016	296.331	ug/l	94
26) 2,2-Dichloropropane	7.01	77	170867	44.759	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	123107	46.338	ug/l	97
28) Bromochloromethane	7.36	49	87335	64.272	ug/l	90
29) Tetrahydrofuran	7.37	42	142670	302.711	ug/l	92
30) Chloroform	7.53	83	185753	45.974	ug/l	97
31) Cyclohexane	7.80	56	195464	47.906	ug/l	95
32) 1,1,1-Trichloroethane	7.72	97	164251	44.838	ug/l	97
36) 1,1-Dichloropropene	7.94	75	154320	46.696	ug/l	99
37) Ethyl Acetate	7.10	43	92840	58.031	ug/l	96
38) Carbon Tetrachloride	7.92	117	139969	43.776	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	207940	47.786	ug/l	99
40) Benzene	8.18	78	457747	48.561	ug/l	100
41) Methacrylonitrile	7.37	41	128146	172.827	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	125744	47.881	ug/l	99
43) Isopropyl Acetate	8.29	43	183951	58.073	ug/l	94
44) Trichloroethene	8.96	130	115570	45.485	ug/l	97
45) 1,2-Dichloropropane	9.23	63	116419	51.146	ug/l	100
46) Dibromomethane	9.31	93	62429	48.843	ug/l	99
47) Bromodichloromethane	9.51	83	147281	47.292	ug/l	99
48) Methyl methacrylate	9.30	41	85704	59.613	ug/l	90
49) 1,4-Dioxane	9.31	88	16982	1006.041	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	477399	306.035	ug/l	95
52) Toluene	10.25	92	285776	47.780	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	165131	48.682	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	187187	48.068	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	91801	50.059	ug/l	97
56) Ethyl methacrylate	10.52	69	139355	53.427	ug/l	93
57) 1,3-Dichloropropane	10.80	76	159535	49.351	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	297688	310.241	ug/l	95
59) 2-Hexanone	10.84	43	349935	308.525	ug/l	97
60) Dibromochloromethane	10.99	129	101896	47.138	ug/l	100
61) 1,2-Dibromoethane	11.10	107	86875	48.097	ug/l	99
64) Tetrachloroethene	10.72	164	93446	43.928	ug/l	98
65) Chlorobenzene	11.52	112	297427	46.699	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	101175	45.388	ug/l	99
67) Ethyl Benzene	11.60	91	555070	47.135	ug/l	99
68) m/p-Xylenes	11.70	106	414165	93.685	ug/l	99
69) o-Xylene	12.03	106	195550	46.914	ug/l	99
70) Styrene	12.05	104	344506	47.794	ug/l	99
71) Bromoform	12.21	173	61029	49.168	ug/l #	99
73) Isopropylbenzene	12.33	105	532101	44.338	ug/l	100
74) N-amyl acetate	12.15	43	178087	57.107	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.59	83	116470	51.082	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	153167	90.516	ug/l #	100
77) Bromobenzene	12.61	156	116220	44.749	ug/l	92
78) n-propylbenzene	12.67	91	656858	45.720	ug/l	99
79) 2-Chlorotoluene	12.77	91	362644	44.282	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	445176	44.047	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	45470	51.994	ug/l	98
82) 4-Chlorotoluene	12.86	91	384291	44.756	ug/l	100
83) tert-Butylbenzene	13.08	119	377610	44.201	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	443328	44.319	ug/l	99
85) sec-Butylbenzene	13.26	105	548494	45.665	ug/l	100
86) p-Isopropyltoluene	13.38	119	477347	45.098	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	226517	45.511	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	228844	45.894	ug/l	98
89) n-Butylbenzene	13.70	91	488297	46.756	ug/l	99
90) Hexachloroethane	13.97	117	91005	44.796	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	208552	46.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	19226	45.676	ug/l	95

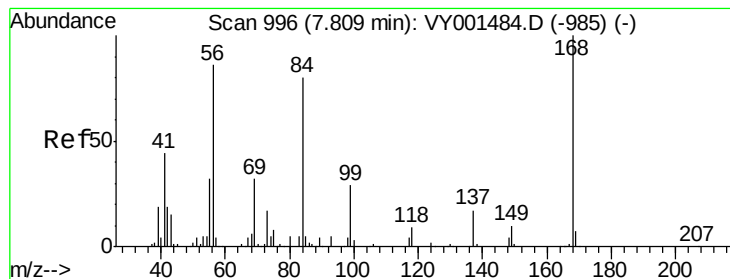
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	136990	45.069	ug/l	99
94) Hexachlorobutadiene	15.12	225	67639	43.845	ug/l	98
95) Naphthalene	15.25	128	323816	45.330	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	119714	44.618	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. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

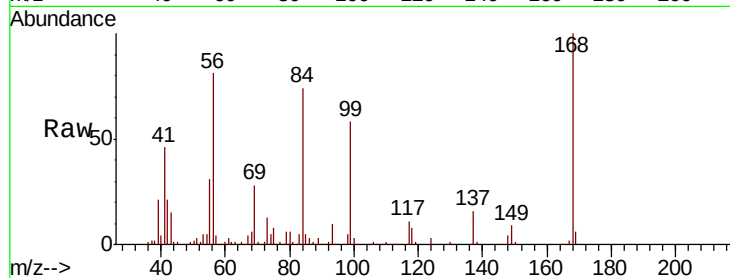
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 208112

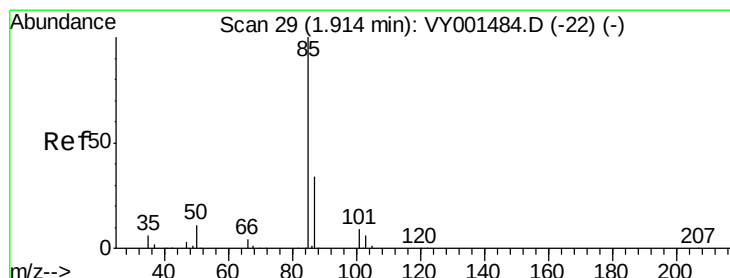
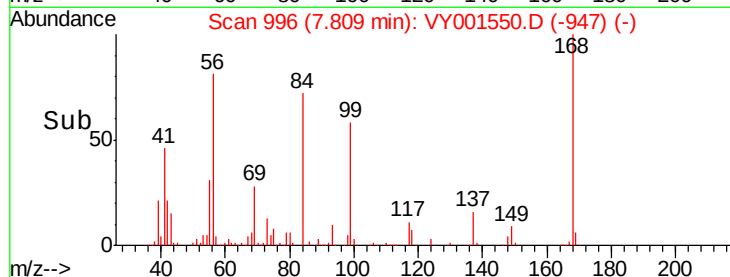
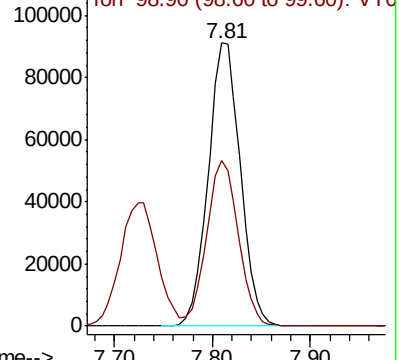
Ion Ratio Lower Upper

168 100

99 58.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 42.942 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001550.D

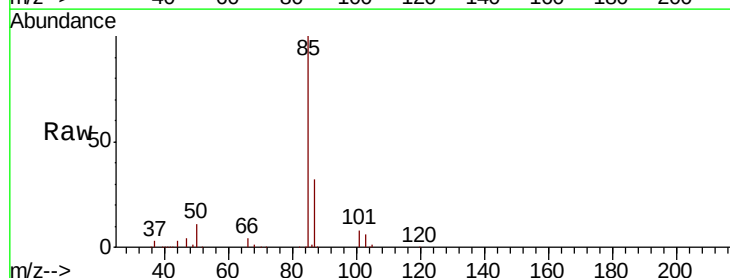
Acq: 07 Feb 2020 13:22

Tgt Ion: 85 Resp: 87479

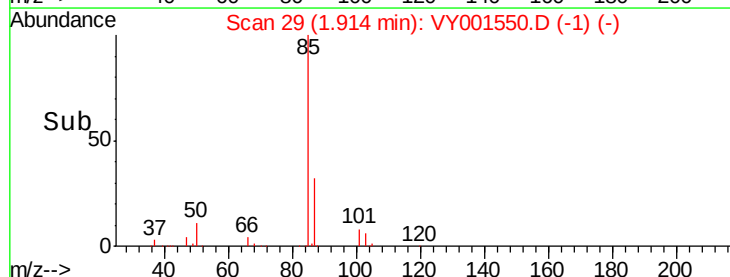
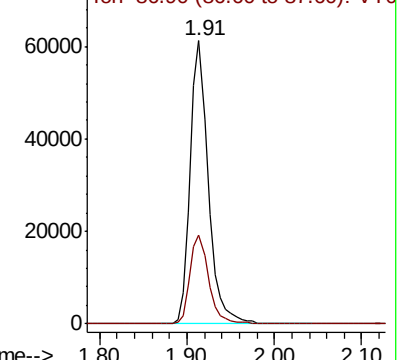
Ion Ratio Lower Upper

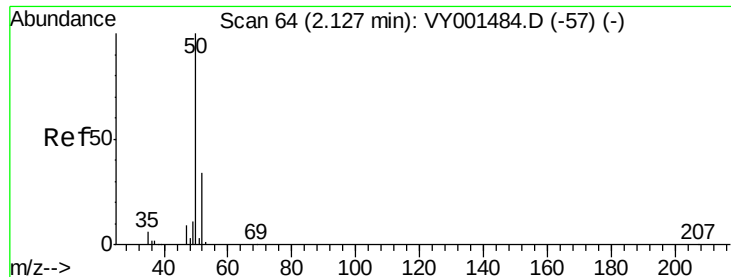
85 100

87 31.5 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001484.D (-22) (-)





#3

Chloromethane

Concen: 52.621 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

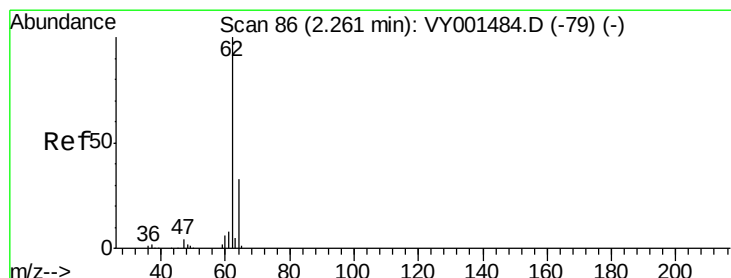
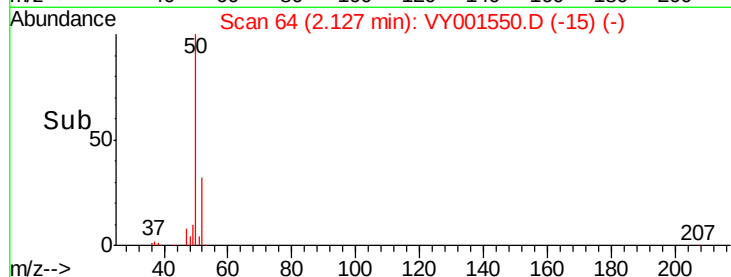
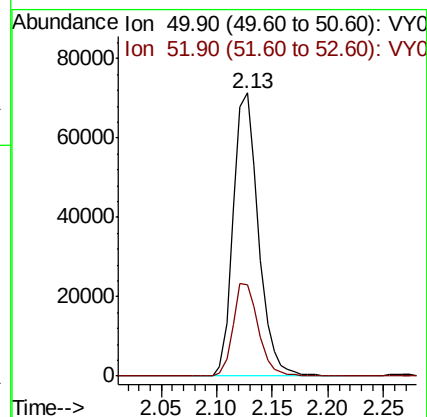
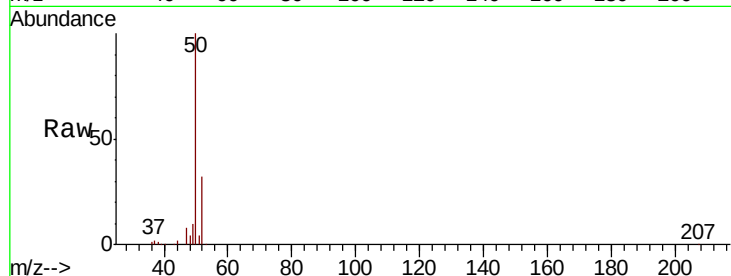
ClientSampleId :

Tot Ion: 50 Resp: 112039

Ion Ratio Lower Upper

50 100

52 32.5 27.3 40.9



#4

Vinyl Chloride

Concen: 53.607 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001550.D

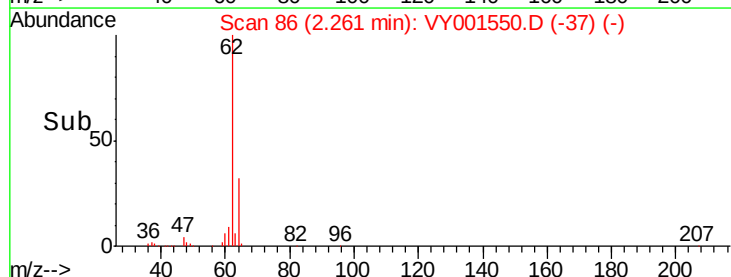
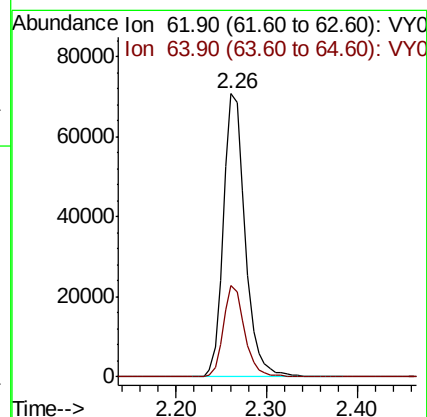
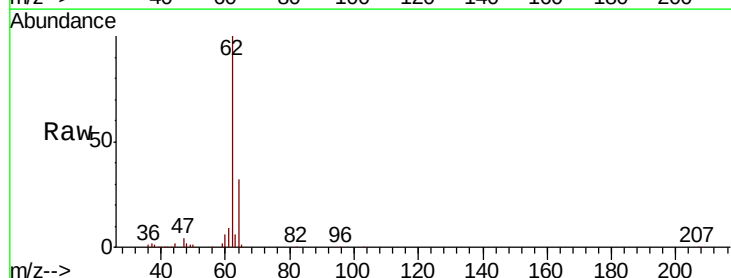
Acq: 07 Feb 2020 13:22

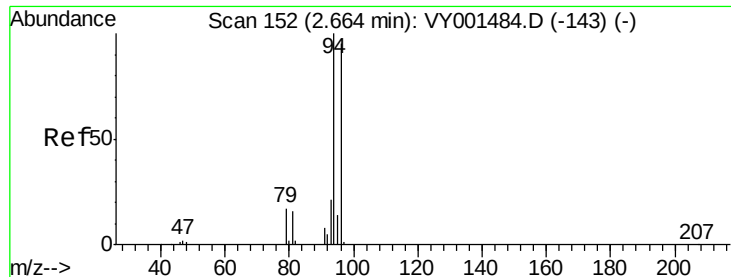
Tgt Ion: 62 Resp: 118514

Ion Ratio Lower Upper

62 100

64 32.3 26.4 39.6





#5

Bromomethane

Concen: 55.806 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

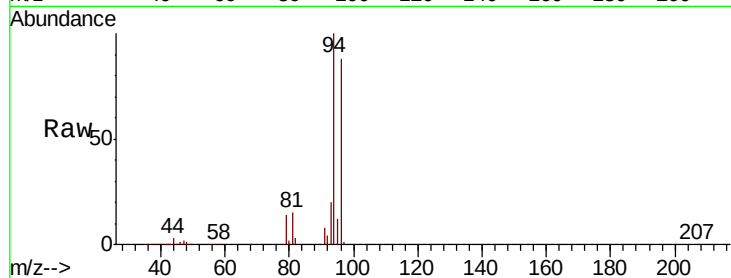
ClientSampleId :

Tot Ion: 94 Resp: 77592

Ion Ratio Lower Upper

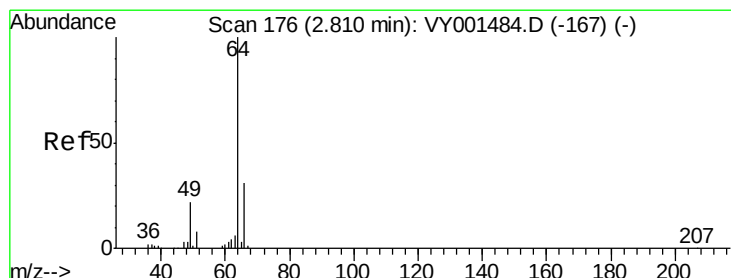
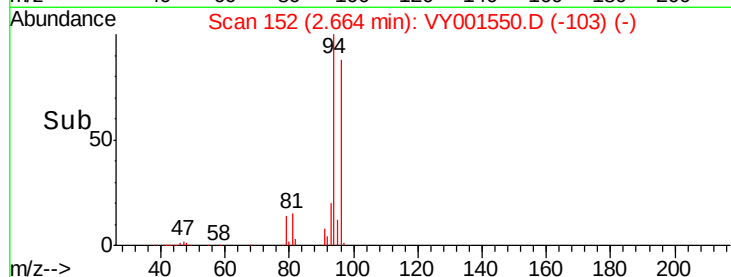
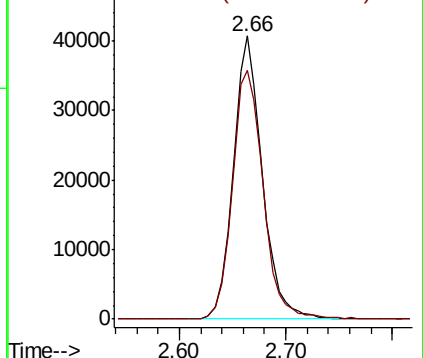
94 100

96 87.8 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 55.768 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001550.D

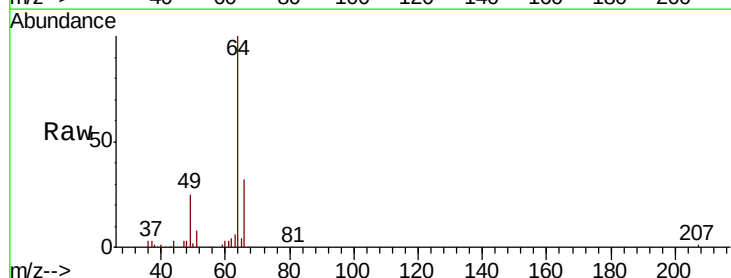
Acq: 07 Feb 2020 13:22

Tgt Ion: 64 Resp: 74318

Ion Ratio Lower Upper

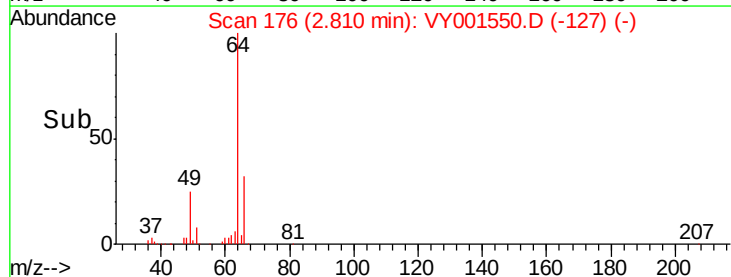
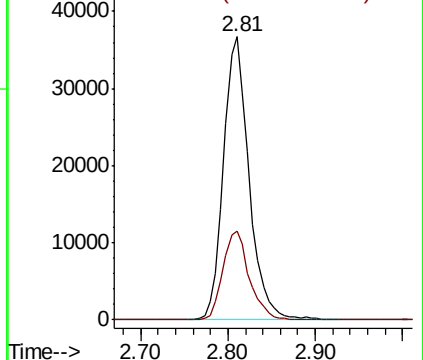
64 100

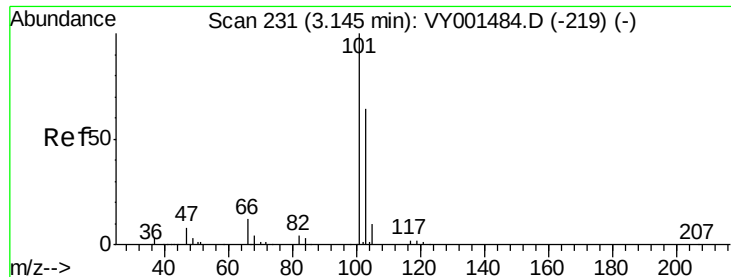
66 31.6 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



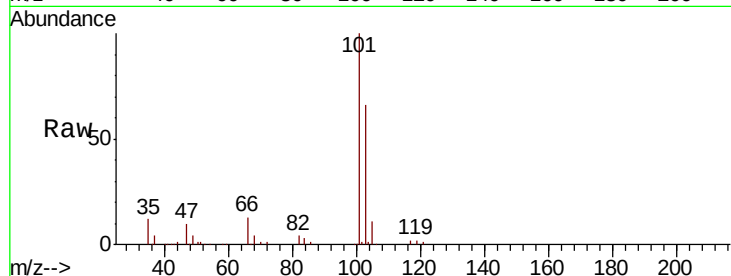


#7

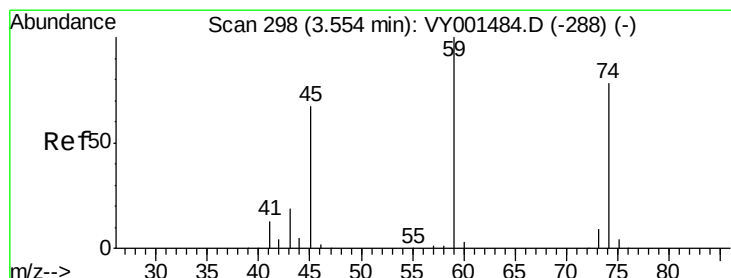
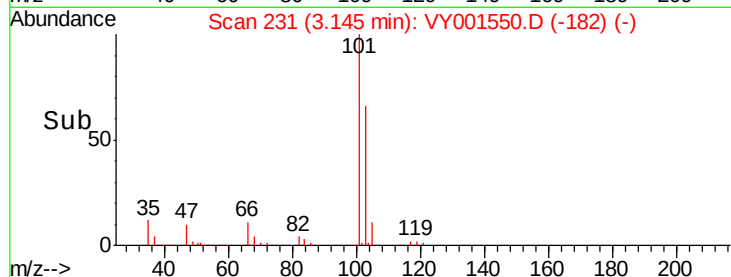
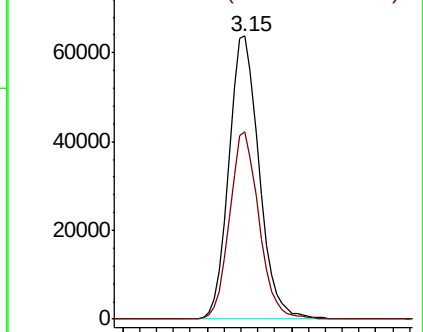
Trichlorofluoromethane
 Concen: 42.550 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:101 Resp: 155711
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.9 76.3



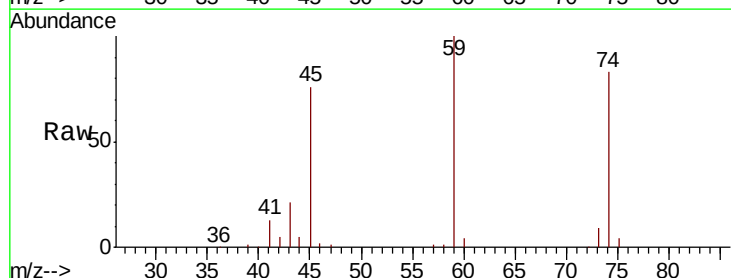
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



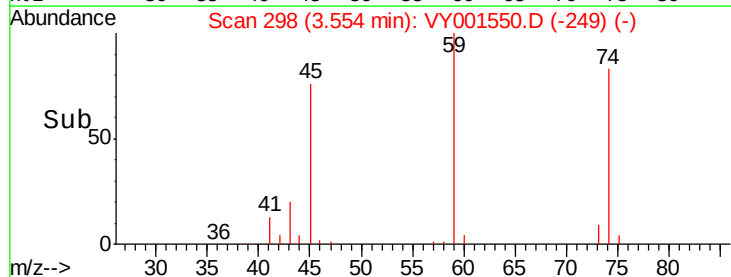
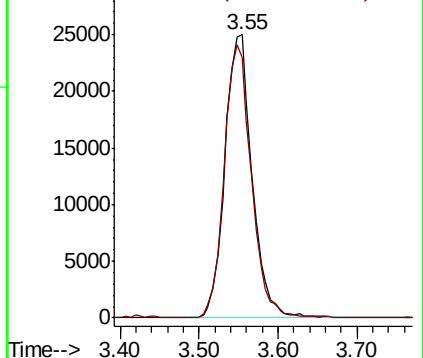
#8

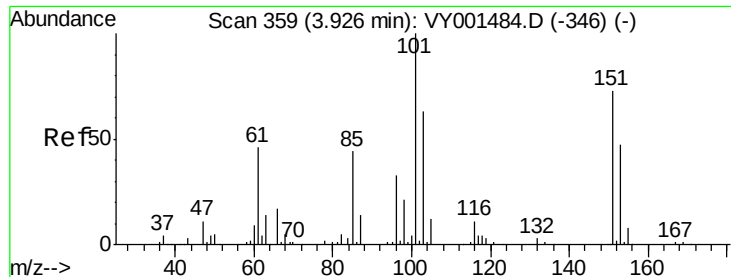
Diethyl Ether
 Concen: 48.657 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion: 74 Resp: 60087
 Ion Ratio Lower Upper
 74 100
 45 96.5 44.5 133.5



Abundance Ion 74.00 (73.70 to 74.70): VY0
 Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.873 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

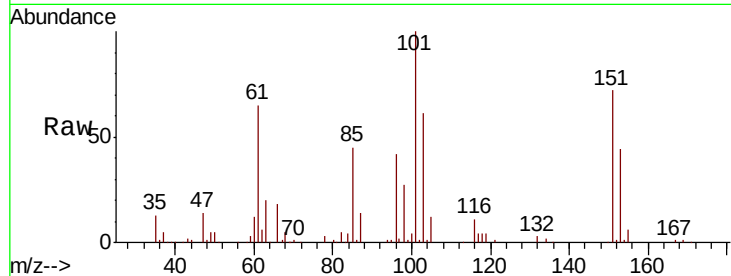
Tot Ion:101 Resp: 98803

Ion Ratio Lower Upper

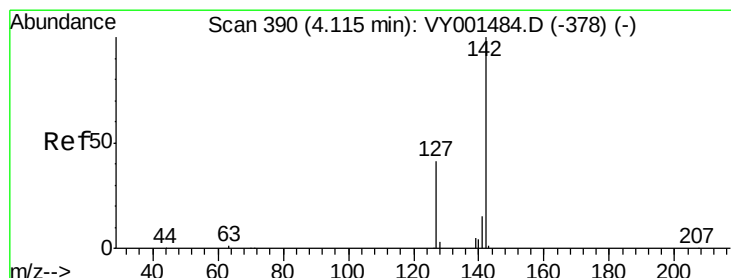
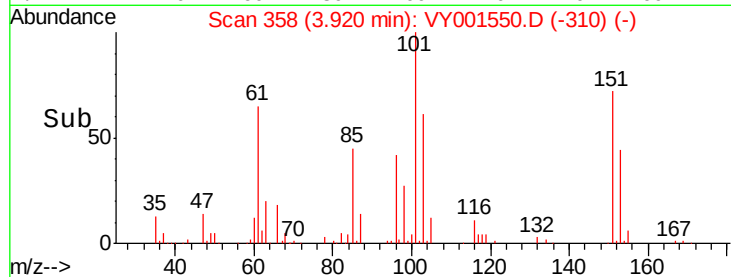
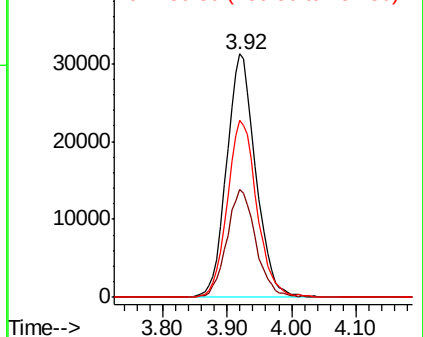
101 100

85 44.2 34.6 51.8

151 73.9 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.767 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

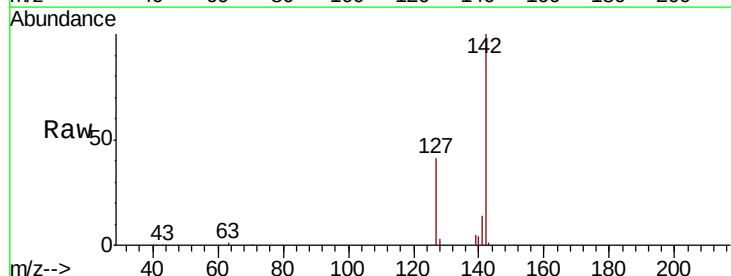
Tgt Ion:142 Resp: 122792

Ion Ratio Lower Upper

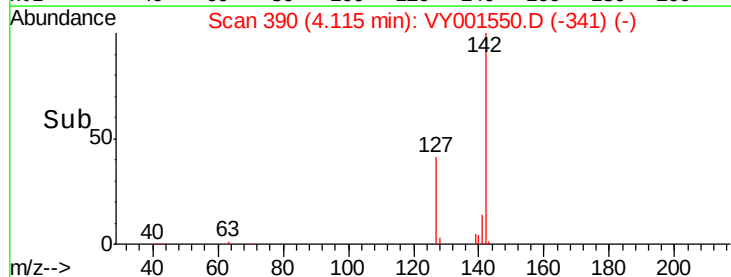
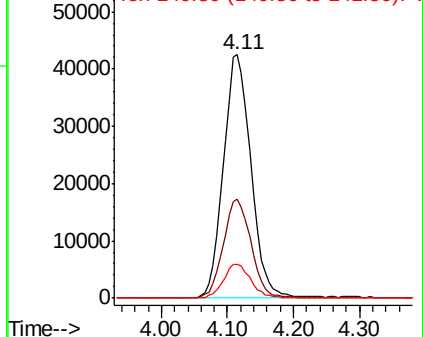
142 100

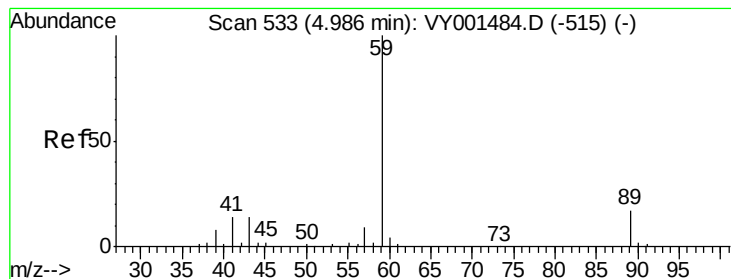
127 40.9 33.3 49.9

141 13.7 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



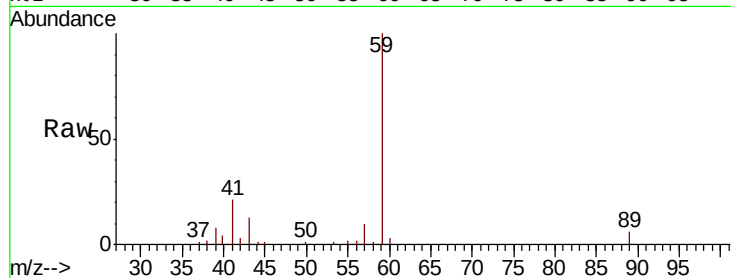


#11

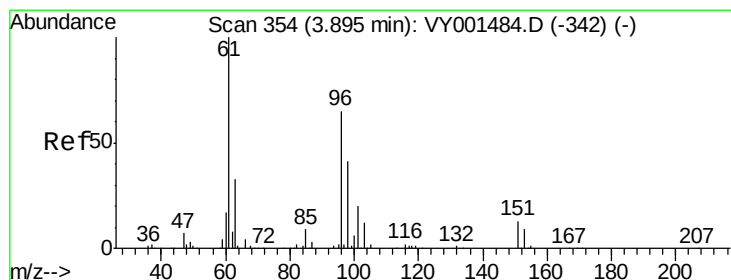
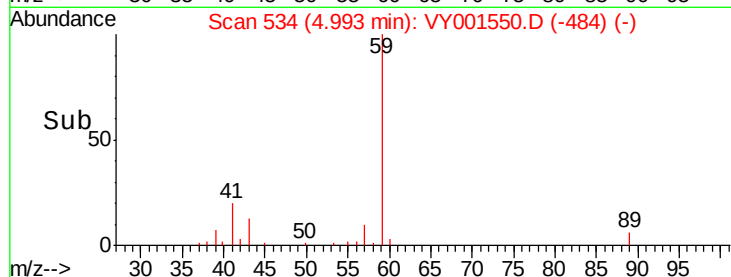
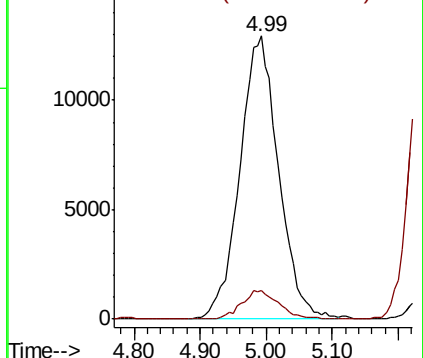
Tert butyl alcohol
 Concen: 219.239 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.01 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 59 Resp: 52640
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.0 10.6



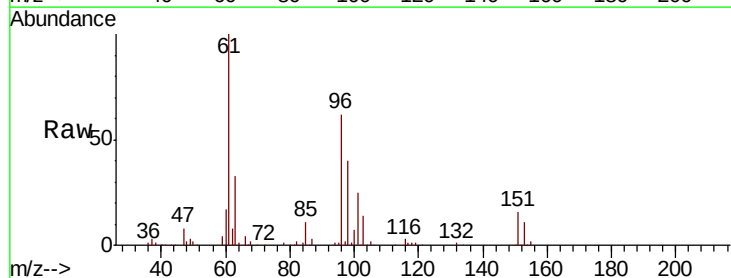
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



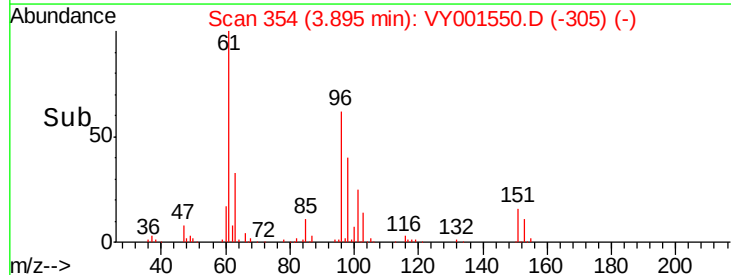
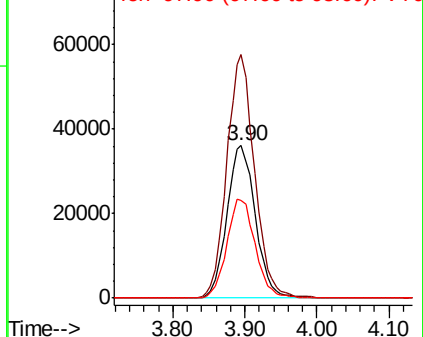
#12

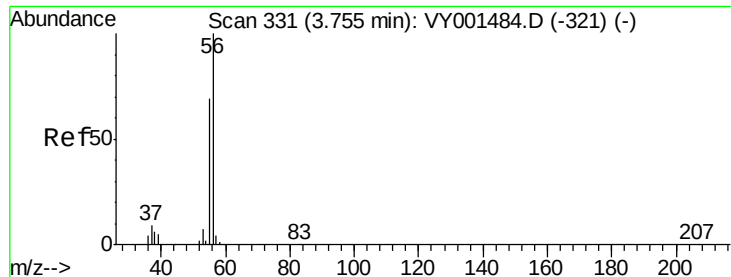
1,1-Dichloroethene
 Concen: 45.370 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion: 96 Resp: 99271
 Ion Ratio Lower Upper
 96 100
 61 160.1 122.3 183.5
 98 64.5 49.7 74.5



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





#13

Acrolein

Concen: 285.632 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

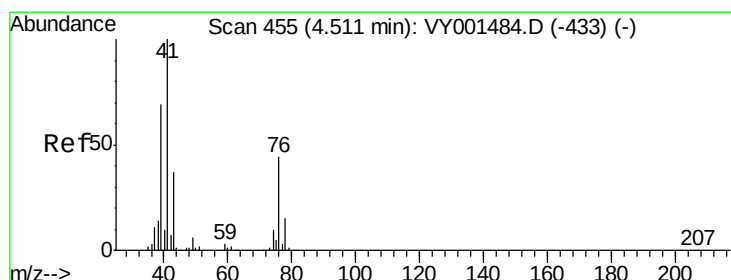
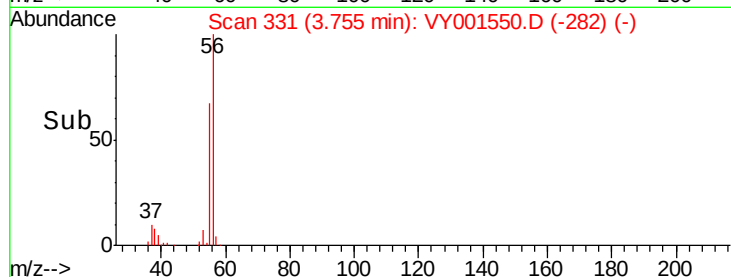
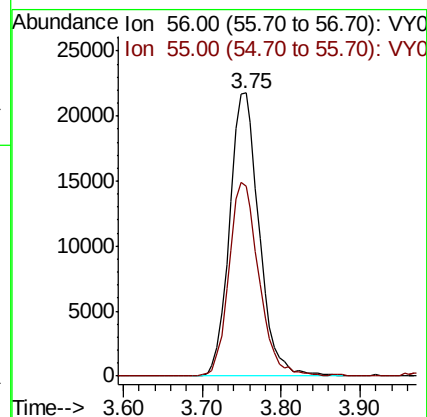
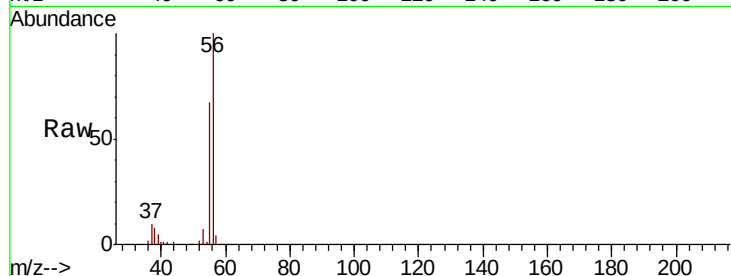
ClientSampleId :

Tot Ion: 56 Resp: 56672

Ion Ratio Lower Upper

56 100

55 69.6 56.2 84.4



#14

Allyl chloride

Concen: 51.454 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

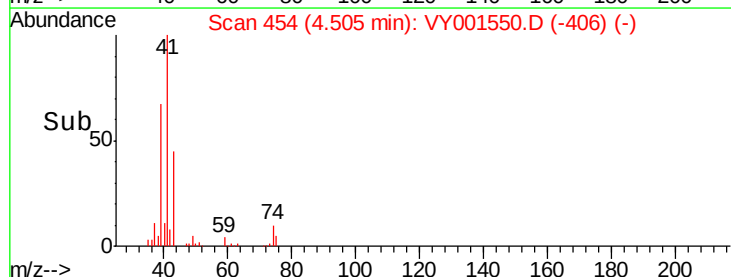
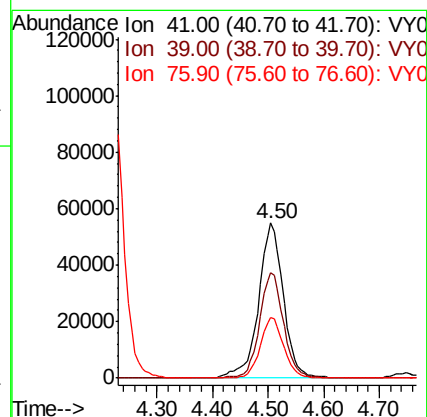
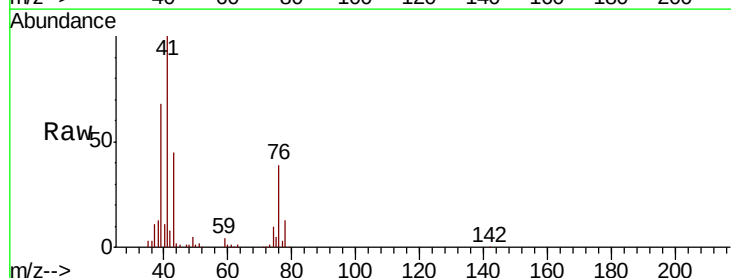
Tgt Ion: 41 Resp: 172224

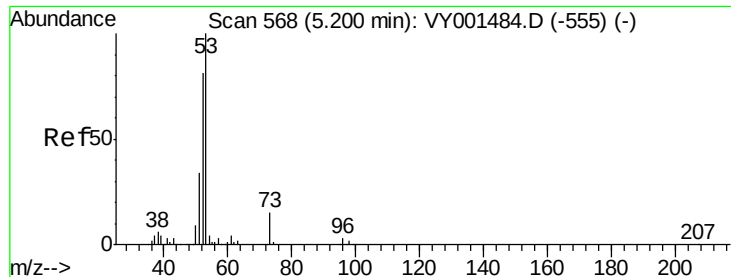
Ion Ratio Lower Upper

41 100

39 65.3 53.0 79.6

76 36.7 32.6 48.8





#15

Acrylonitrile

Concen: 279.934 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

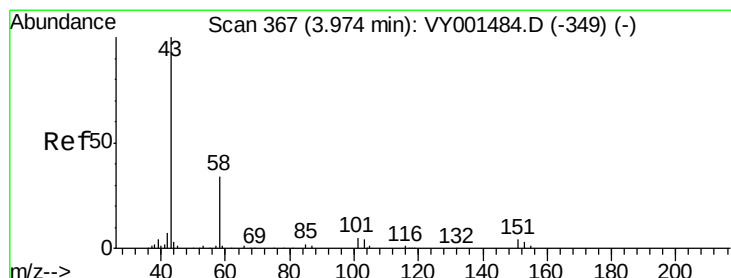
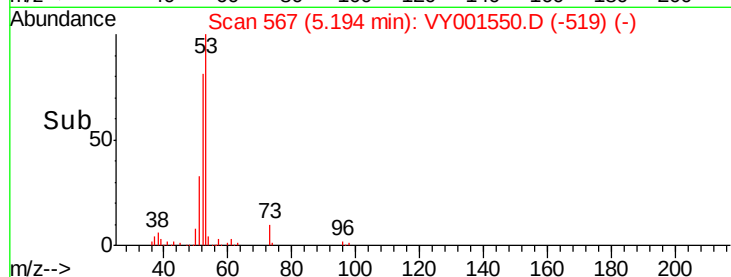
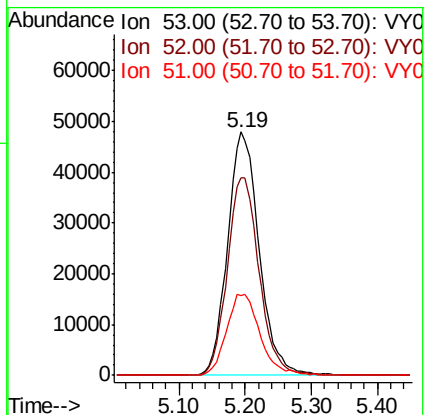
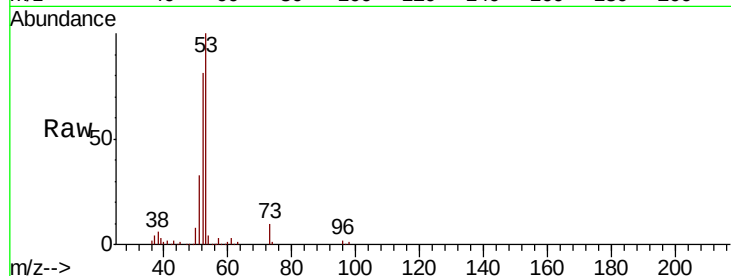
Tot Ion: 53 Resp: 158477

Ion Ratio Lower Upper

53 100

52 81.9 65.4 98.2

51 35.5 29.0 43.4



#16

Acetone

Concen: 268.737 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001550.D

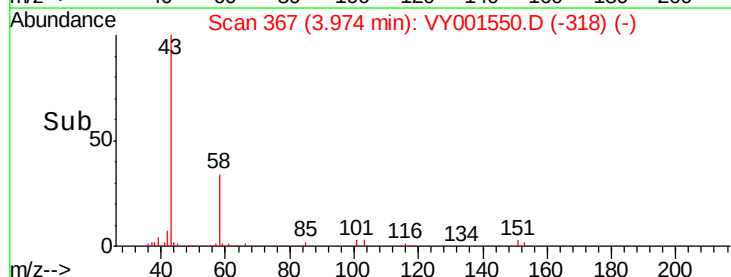
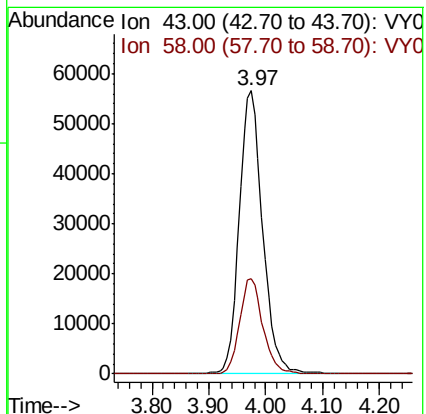
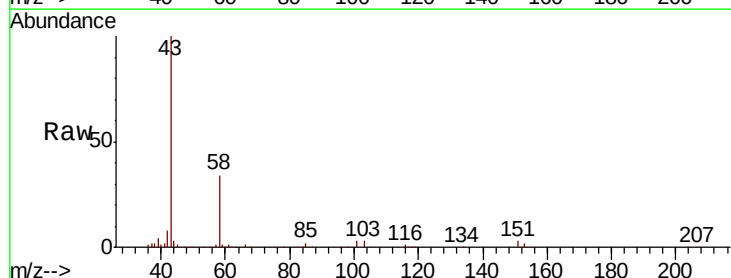
Acq: 07 Feb 2020 13:22

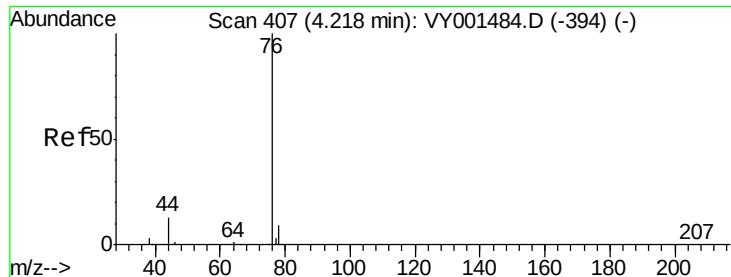
Tgt Ion: 43 Resp: 162885

Ion Ratio Lower Upper

43 100

58 33.6 27.5 41.3





#17

Carbon Disulfide

Concen: 45.979 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

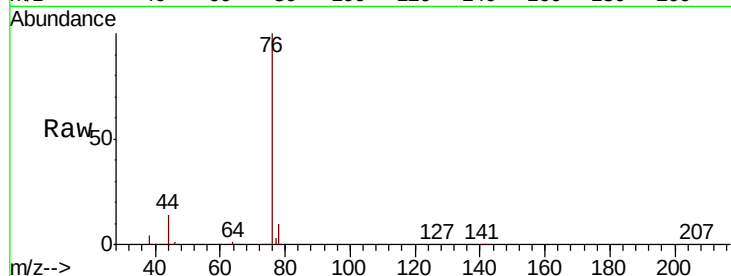
ClientSampleId :

Tot Ion: 76 Resp: 320263

Ion Ratio Lower Upper

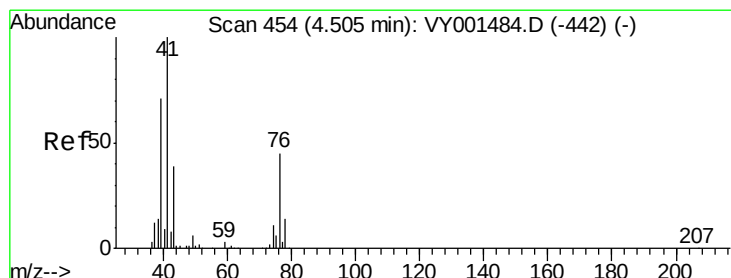
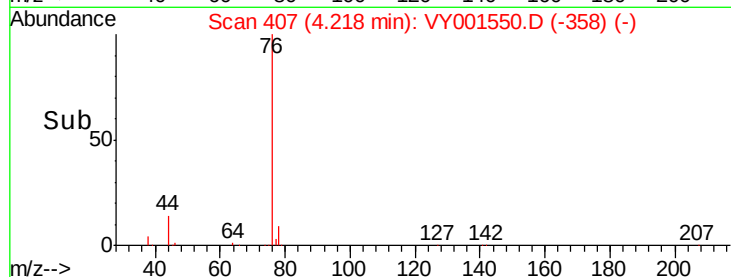
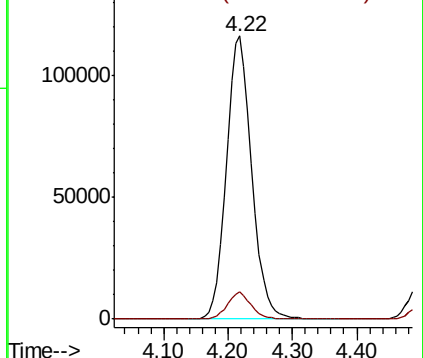
76 100

78 9.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 55.468 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.00 min

Lab File: VY001550.D

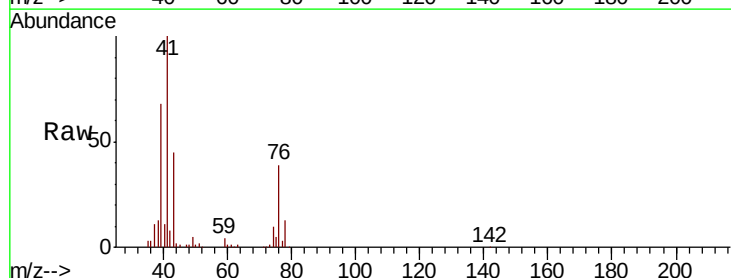
Acq: 07 Feb 2020 13:22

Tgt Ion: 43 Resp: 71744

Ion Ratio Lower Upper

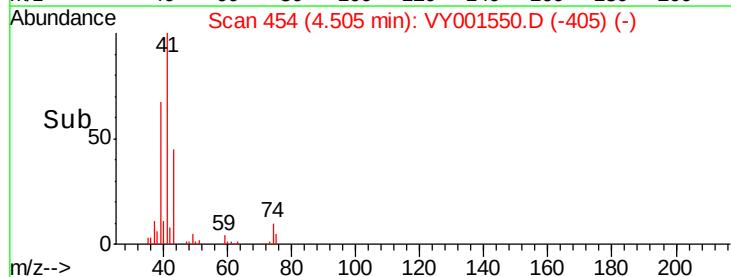
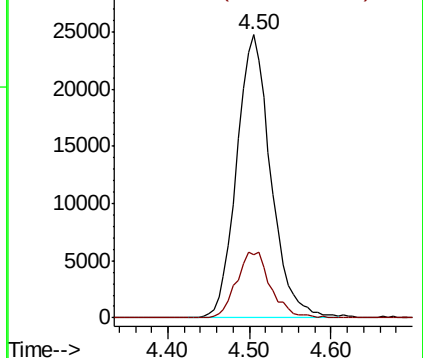
43 100

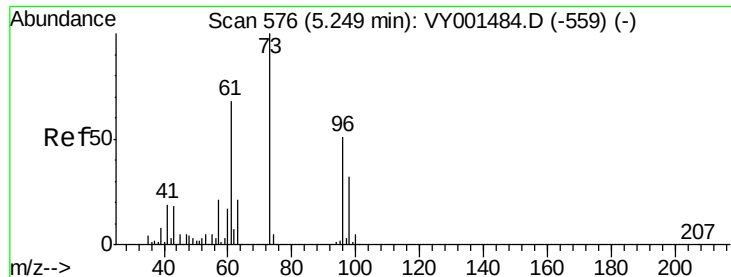
74 23.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

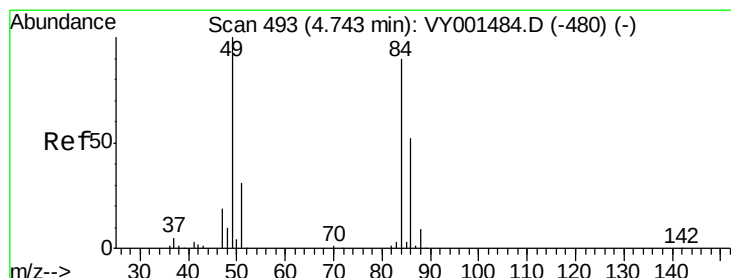
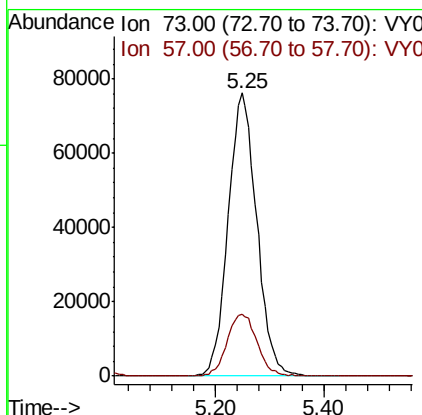
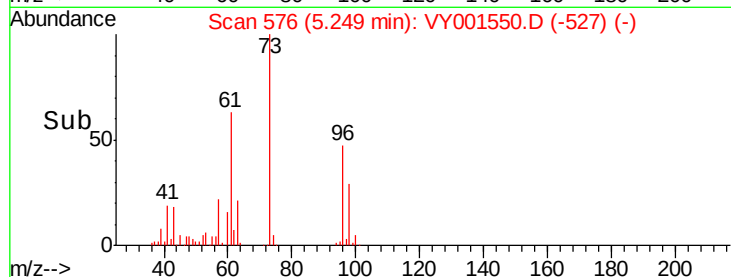
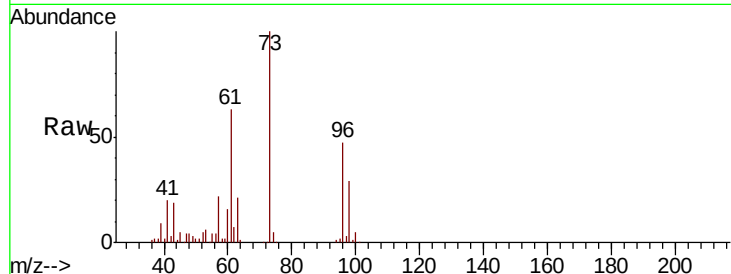




#19
Methyl tert-butyl Ether
Concen: 47.848 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

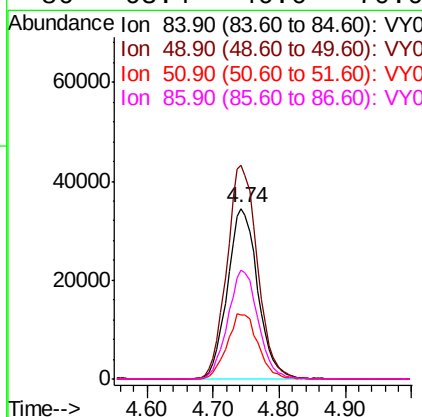
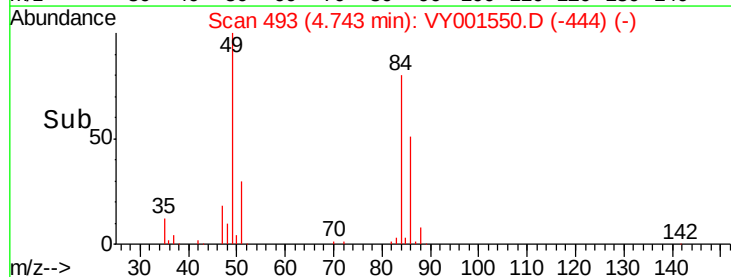
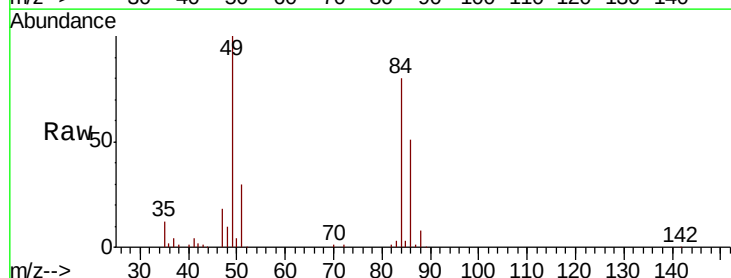
Instrument :
MSVOA_Y
ClientSampled :

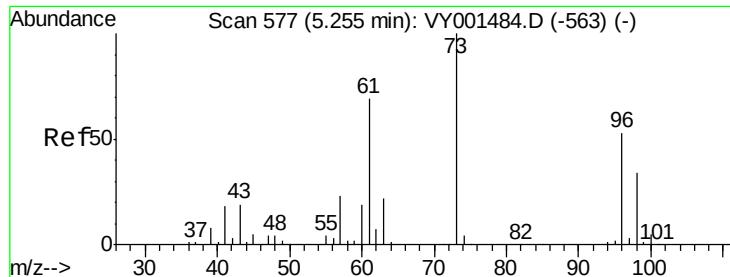
Tot Ion: 73 Resp: 278416
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6



#20
Methylene Chloride
Concen: 45.857 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion: 84 Resp: 109761
Ion Ratio Lower Upper
84 100
49 125.1 89.0 133.6
51 37.6 27.4 41.2
86 63.4 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 46.048 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :

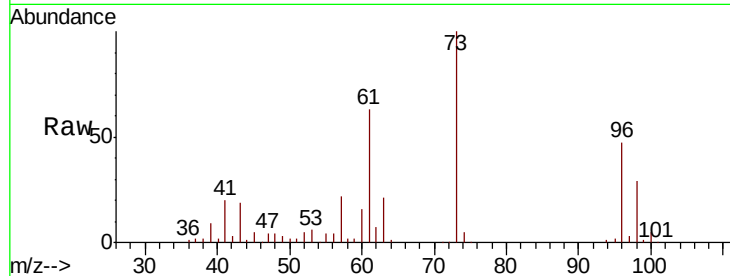
Tot Ion: 96 Resp: 112006

Ion Ratio Lower Upper

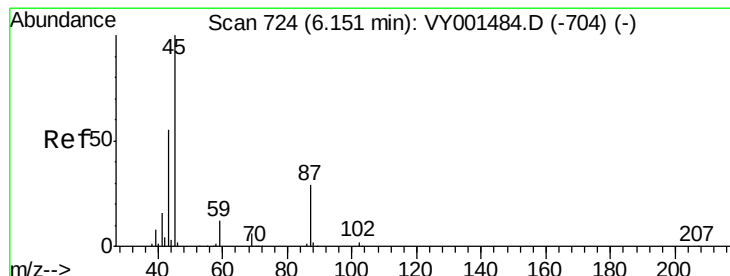
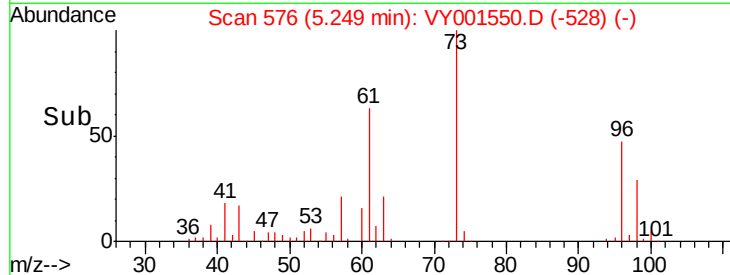
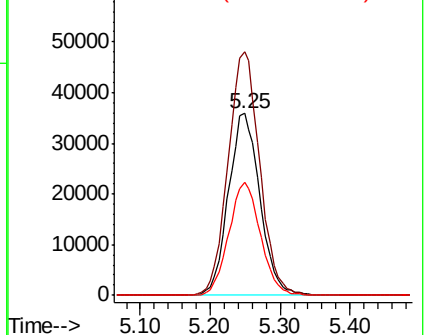
96 100

61 134.1 104.2 156.4

98 62.3 51.4 77.0



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



#22

Diisopropyl ether

Concen: 54.152 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Tgt Ion: 45 Resp: 359108

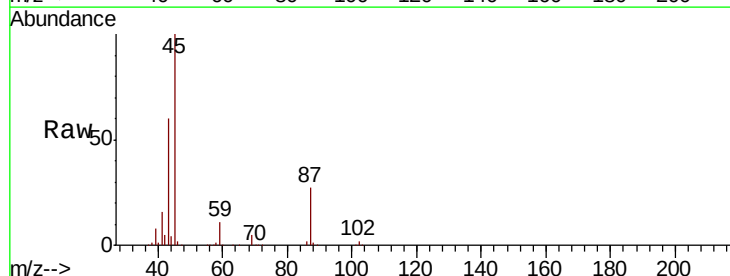
Ion Ratio Lower Upper

45 100

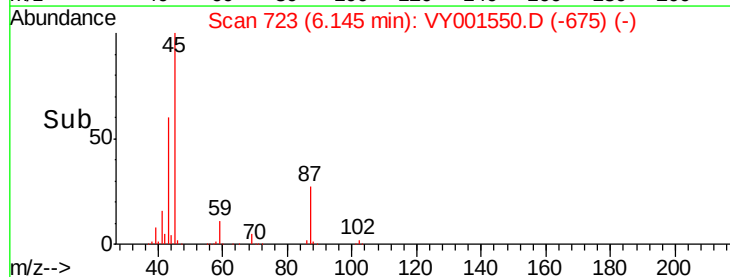
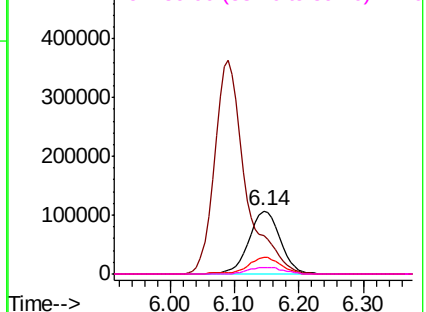
43 59.9 44.2 66.4

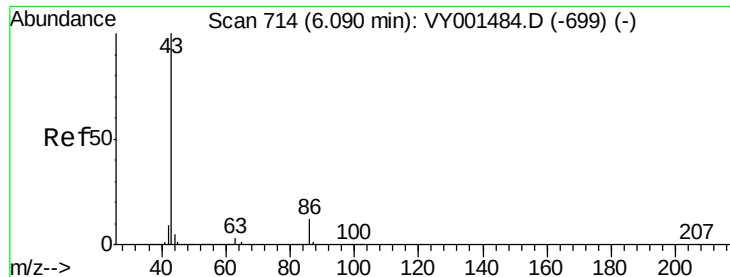
87 27.0 23.9 35.9

59 10.7 10.2 15.2



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





#23

Vinyl Acetate

Concen: 288.669 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

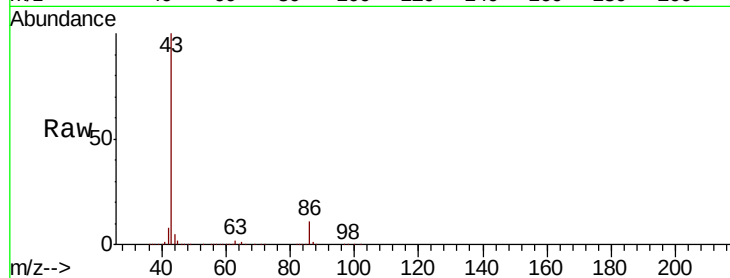
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1218624

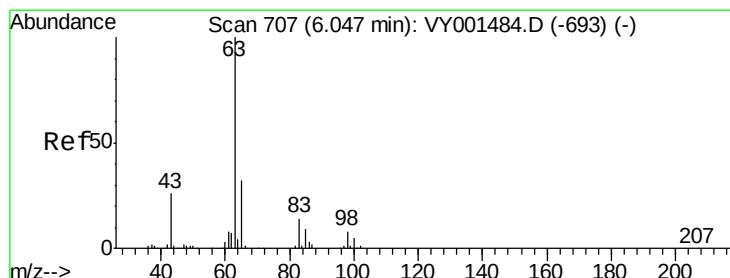
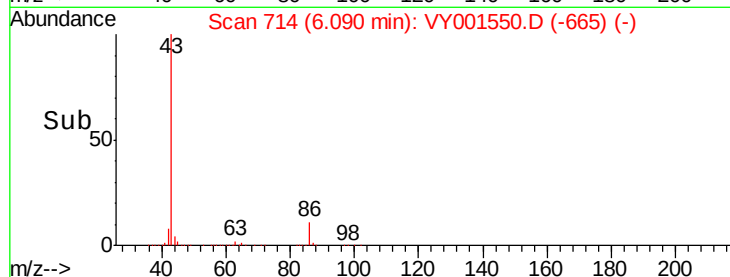
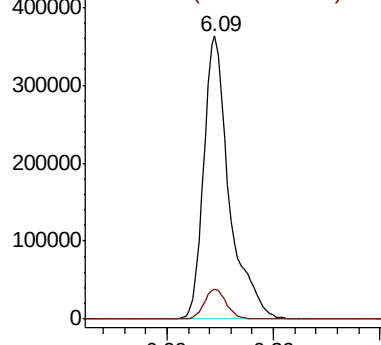
Ion Ratio Lower Upper

43 100

86 10.6 9.8 14.8



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



#24

1,1-Dichloroethane

Concen: 48.382 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

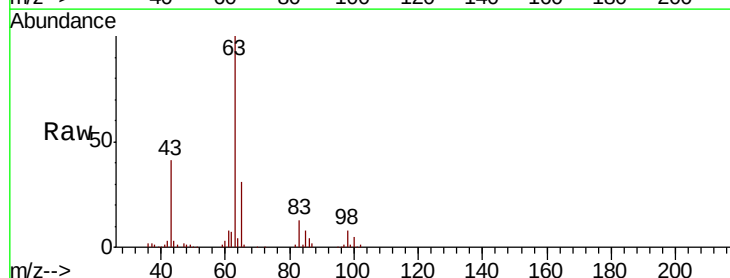
Tgt Ion: 63 Resp: 192984

Ion Ratio Lower Upper

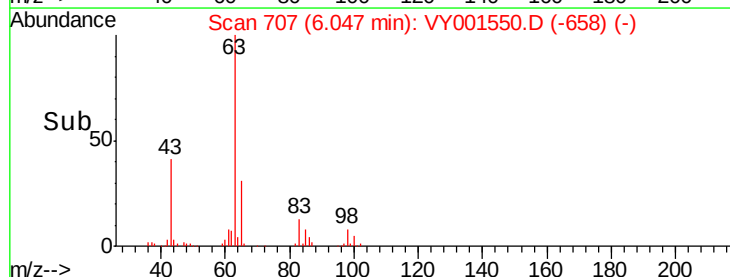
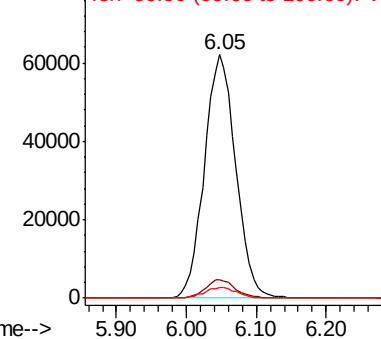
63 100

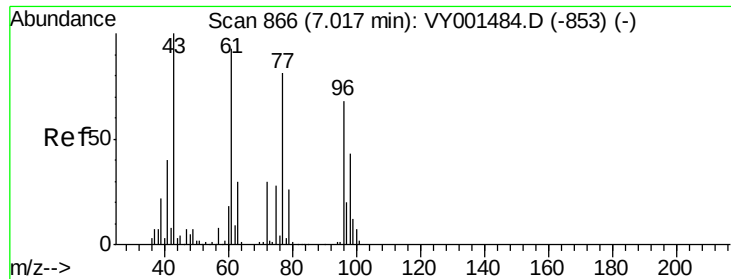
98 7.7 4.0 11.9

100 4.6 2.6 8.0



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





#25

2-Butanone

Concen: 296.331 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

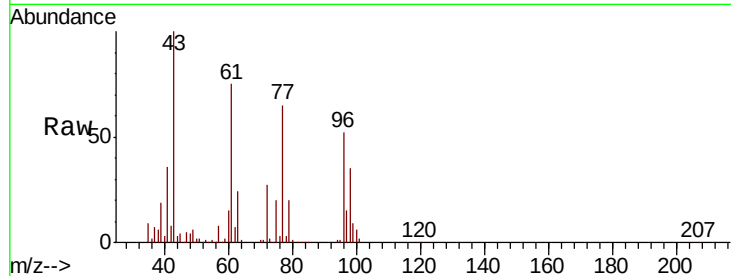
ClientSampleId :

Tot Ion: 43 Resp: 233016

Ion Ratio Lower Upper

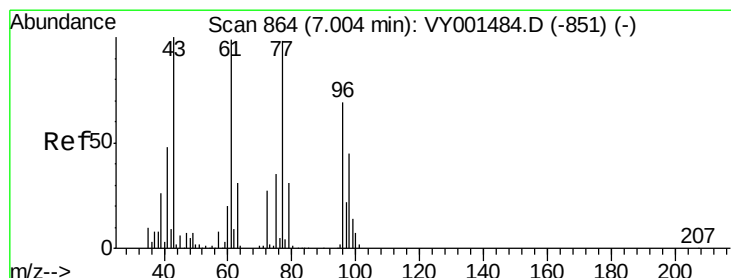
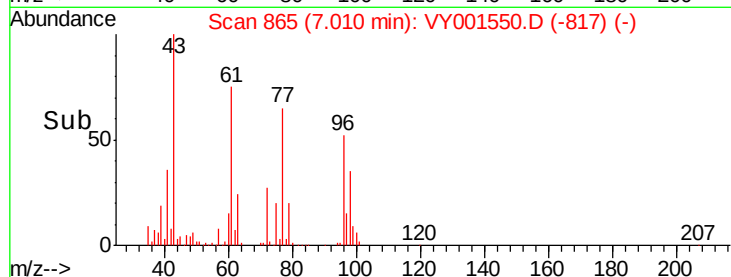
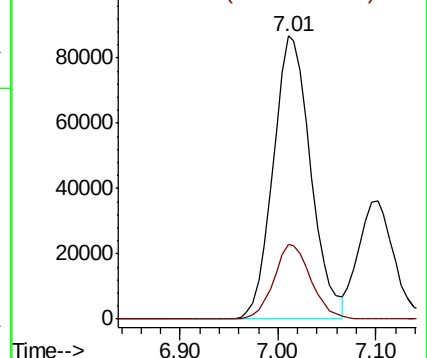
43 100

72 26.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 44.759 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY001550.D

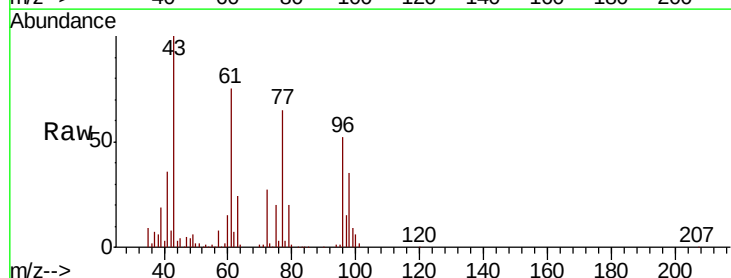
Acq: 07 Feb 2020 13:22

Tgt Ion: 77 Resp: 170867

Ion Ratio Lower Upper

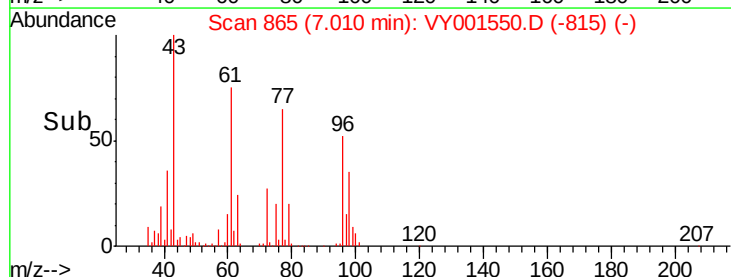
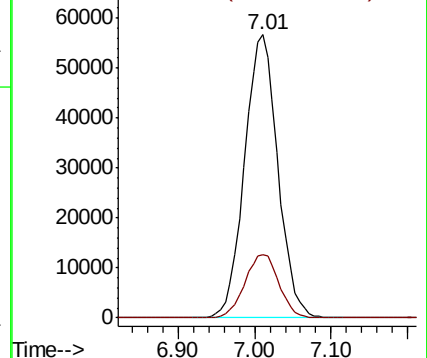
77 100

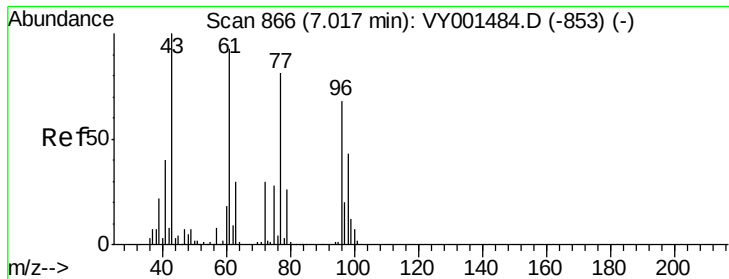
97 23.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



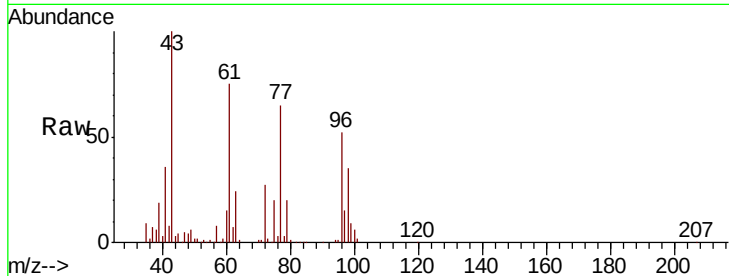


#27

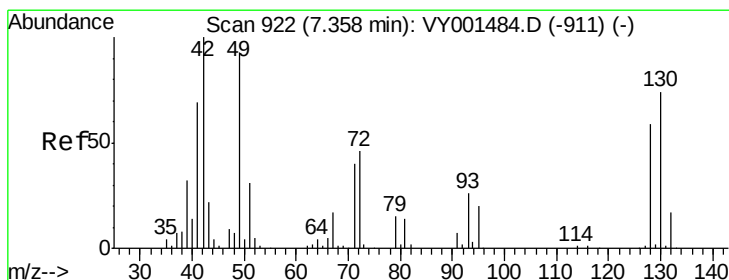
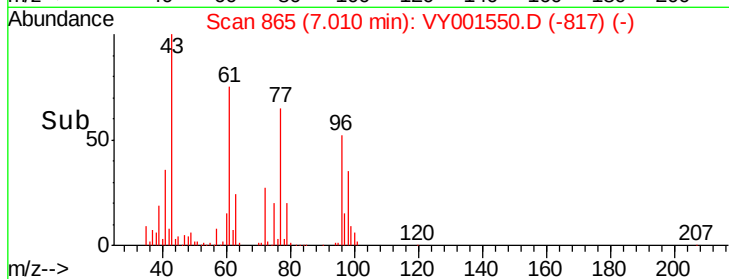
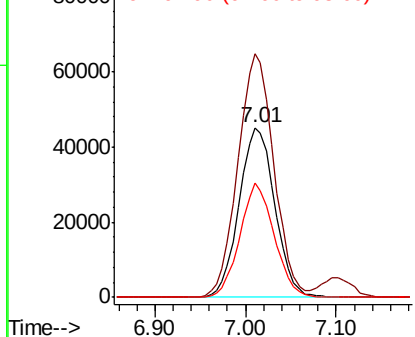
cis-1,2-Dichloroethene
 Concen: 46.338 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 96 Resp: 123107
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 278.8
 98 64.6 0.0 128.8



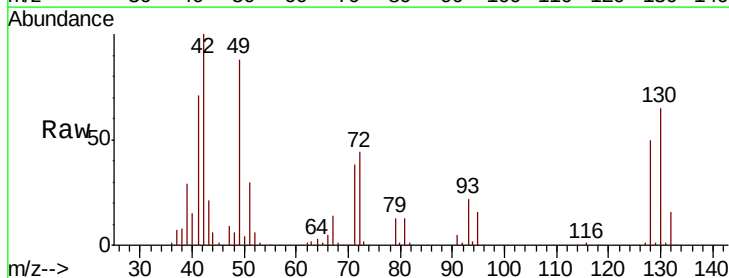
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



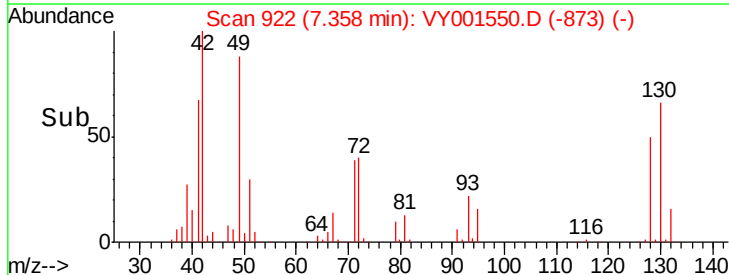
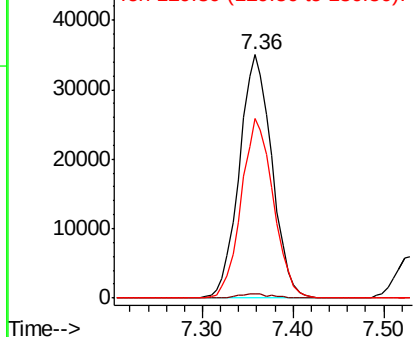
#28

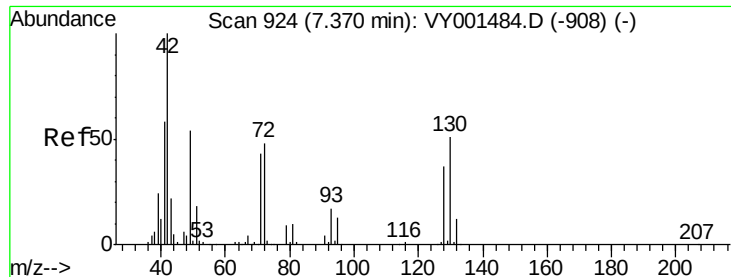
Bromochloromethane
 Concen: 64.272 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion: 49 Resp: 87335
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 72.5 65.4 98.2



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

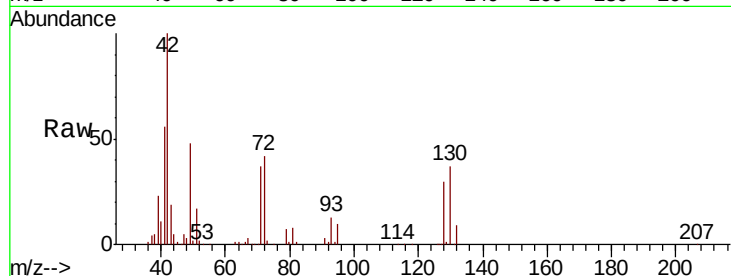




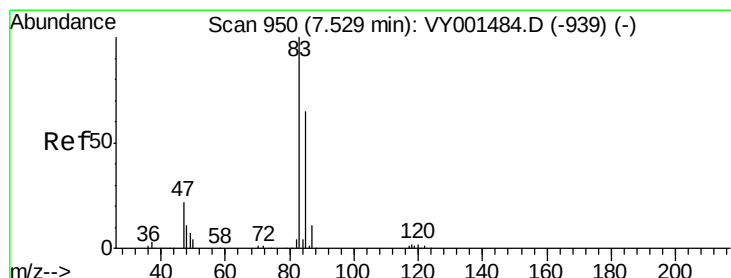
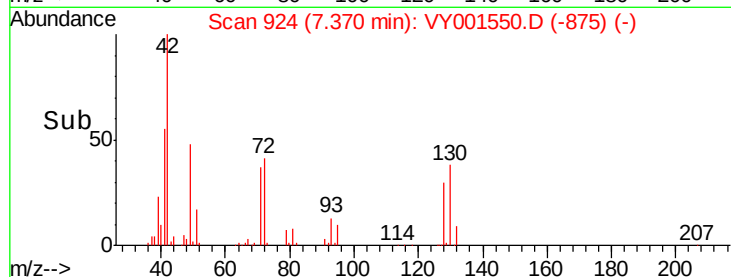
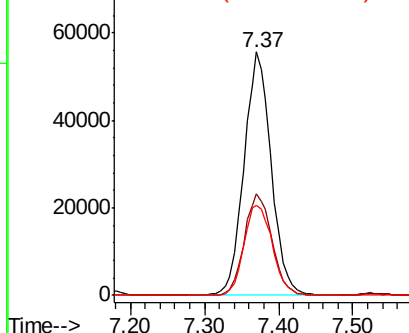
#29
Tetrahydrofuran
Concen: 302.711 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 142670
Ion Ratio Lower Upper
42 100
72 42.3 37.8 56.6
71 38.6 34.8 52.2

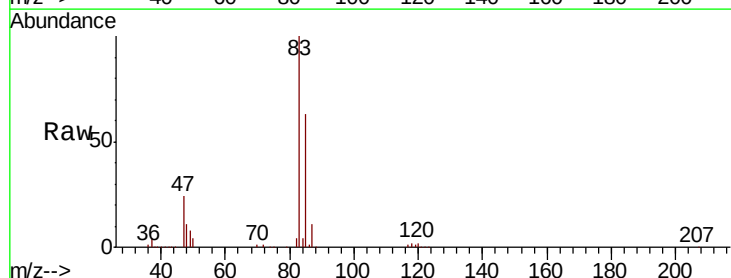


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

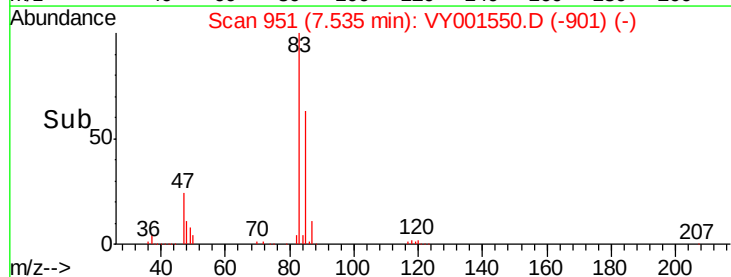
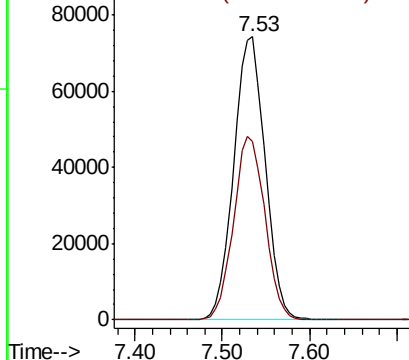


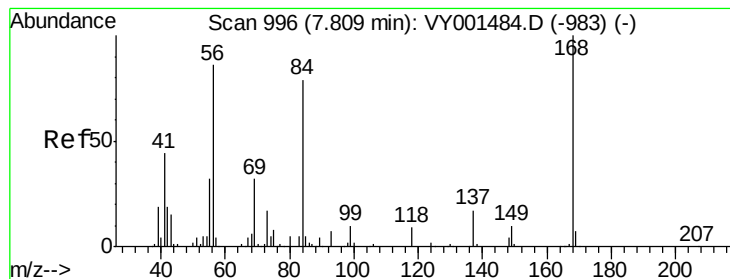
#30
Chloroform
Concen: 45.974 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion: 83 Resp: 185753
Ion Ratio Lower Upper
83 100
85 63.2 52.4 78.6



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





#31

Cyclohexane

Concen: 47.906 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampled :

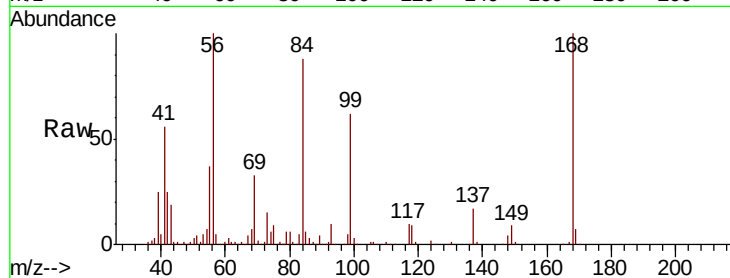
Tot Ion: 56 Resp: 195464

Ion Ratio Lower Upper

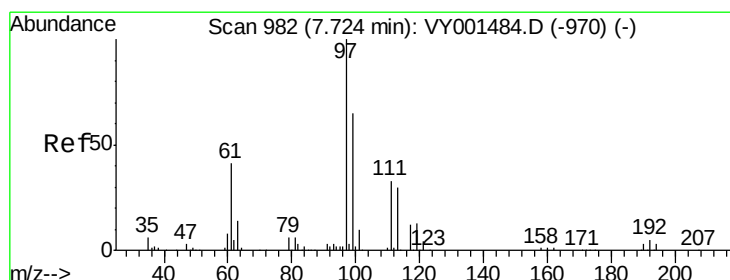
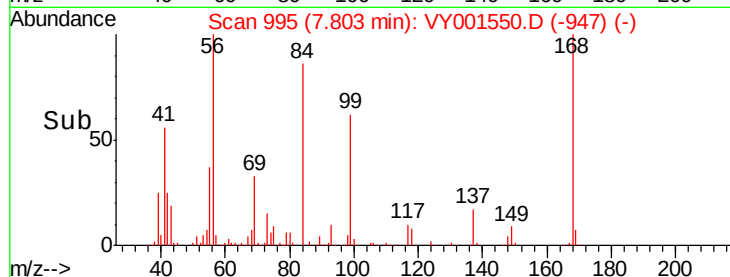
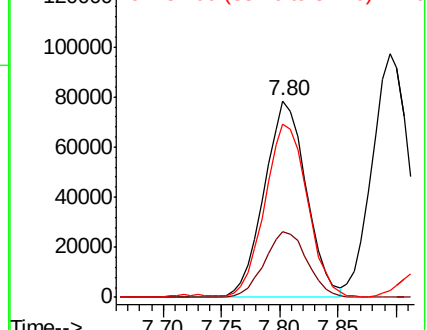
56 100

69 33.2 29.6 44.4

84 87.2 73.6 110.4



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



#32

1,1,1-Trichloroethane

Concen: 44.838 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

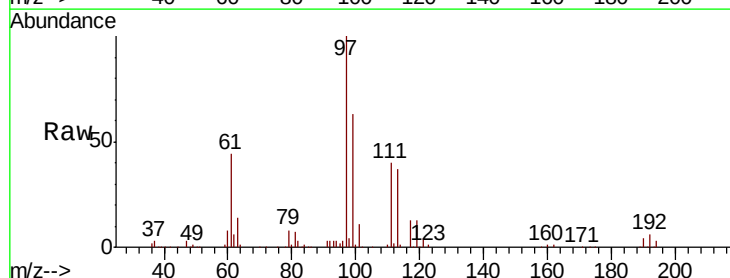
Tgt Ion: 97 Resp: 164251

Ion Ratio Lower Upper

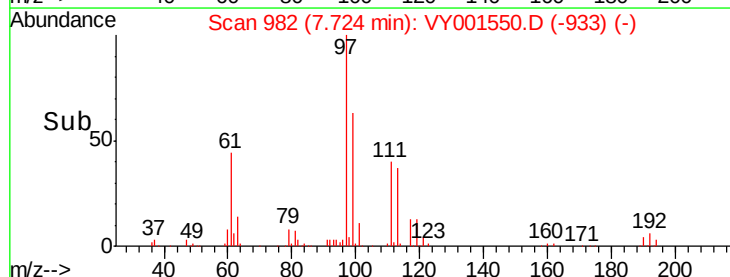
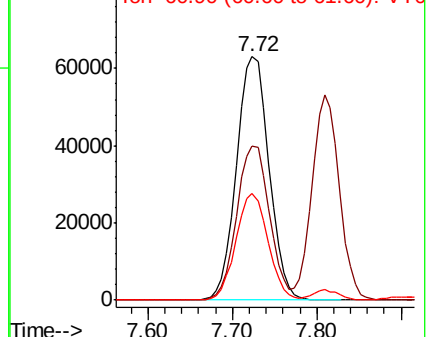
97 100

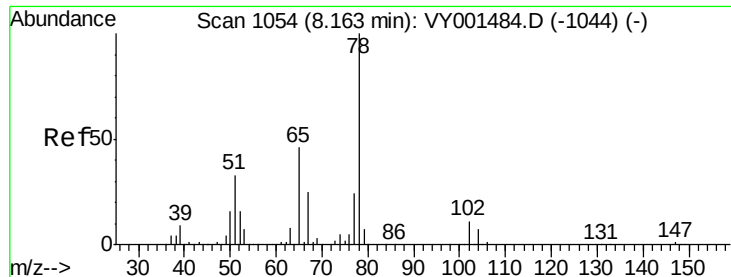
99 63.7 51.8 77.8

61 43.4 32.5 48.7



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

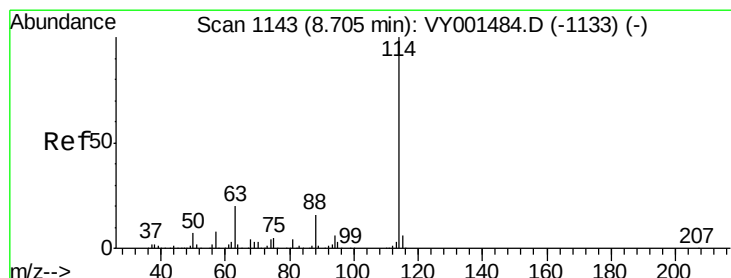
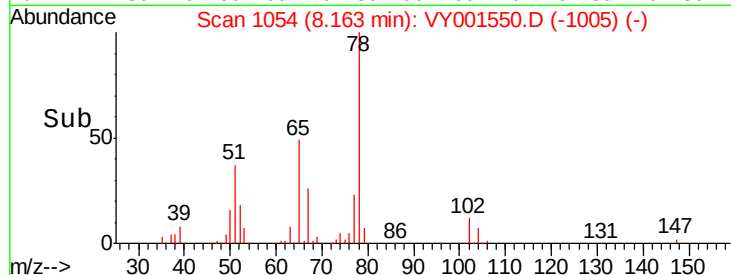
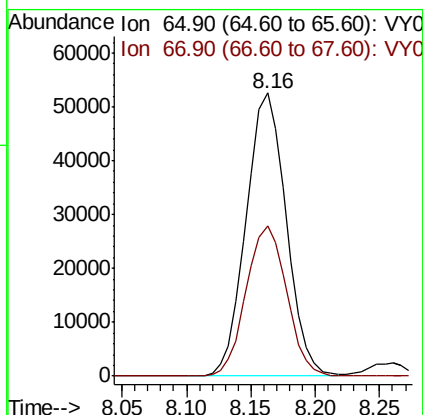
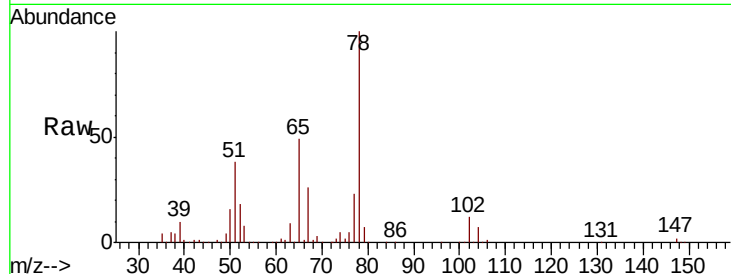




#33
 1,2-Dichloroethane-d4
 Concen: 54.181 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

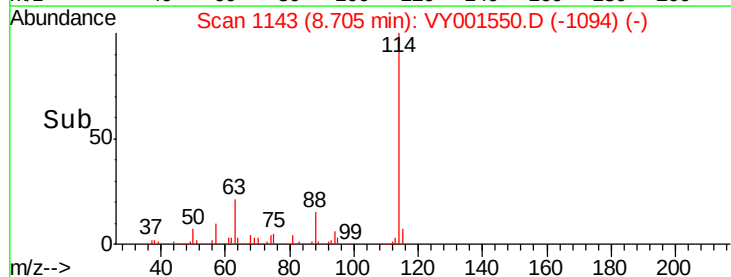
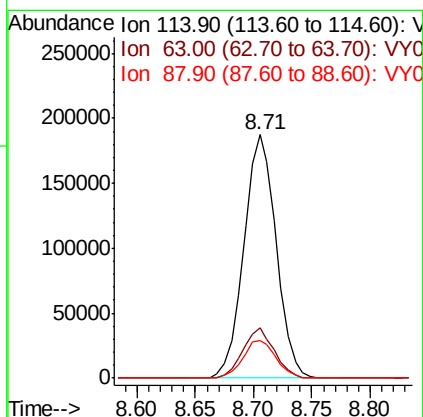
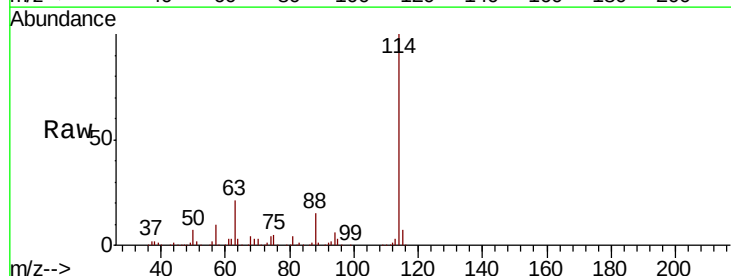
Instrument :
 MSVOA_Y
 ClientSampled :

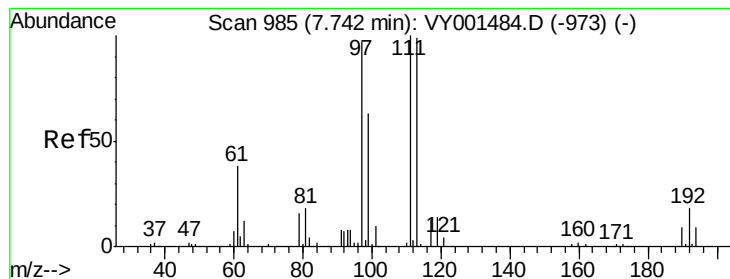
Tot Ion: 65 Resp: 113531
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion: 114 Resp: 361254
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.8
 88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.939 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :

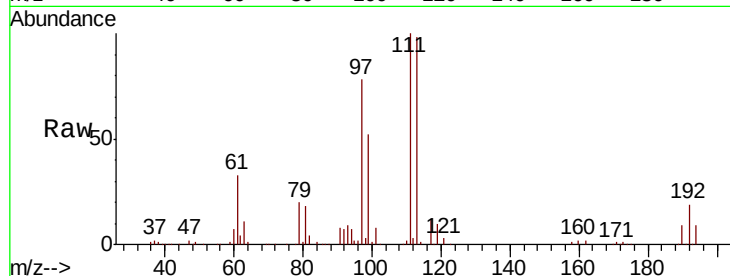
Tot Ion:113 Resp: 104032

Ion Ratio Lower Upper

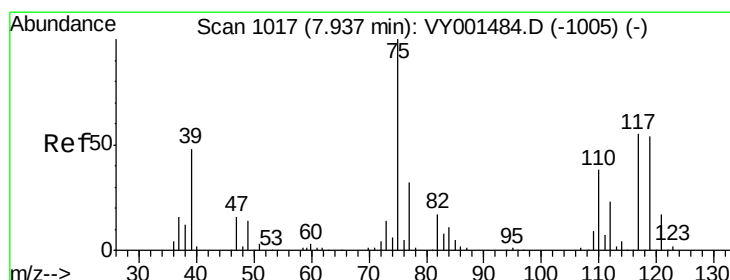
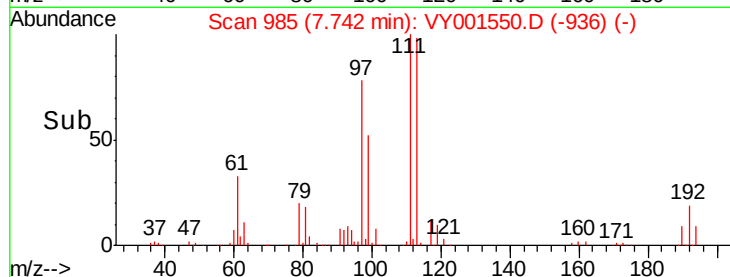
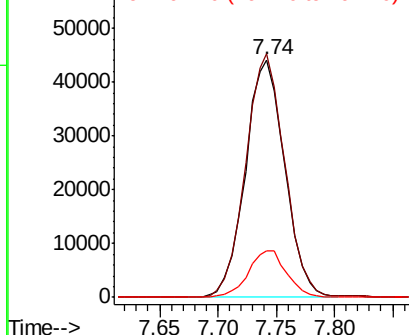
113 100

111 102.2 82.9 124.3

192 19.1 14.6 22.0



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.696 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

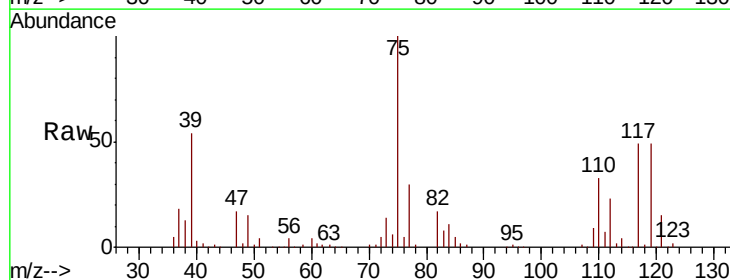
Tgt Ion: 75 Resp: 154320

Ion Ratio Lower Upper

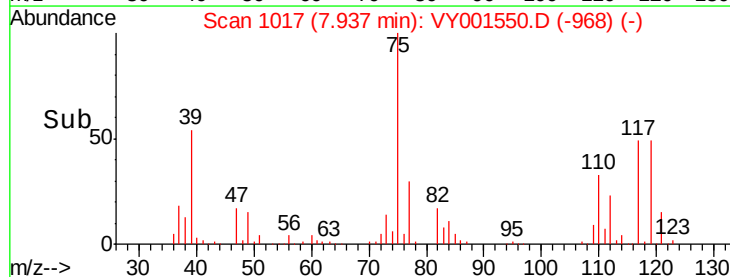
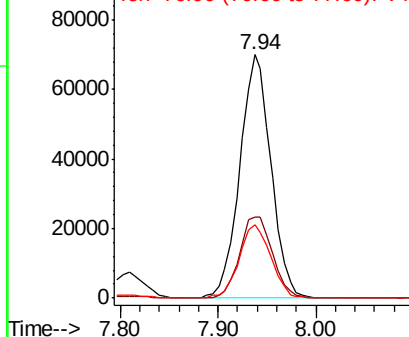
75 100

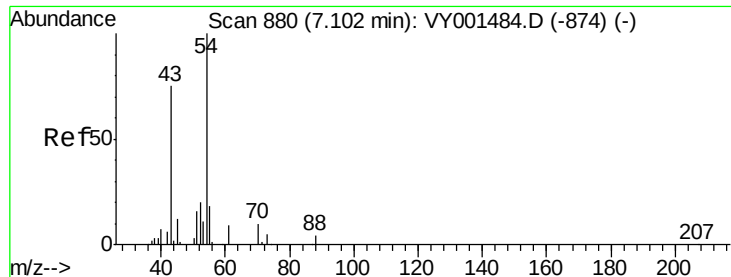
110 35.2 18.2 54.6

77 30.8 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

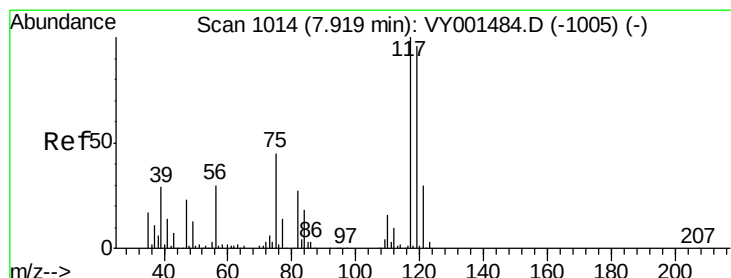
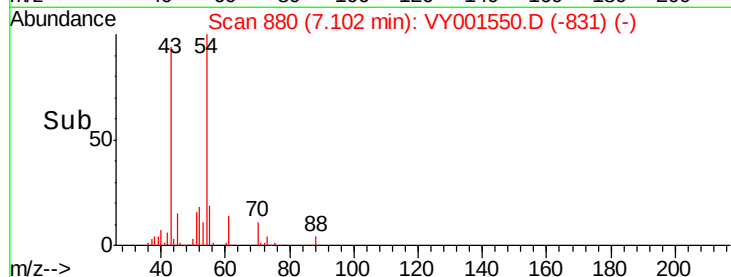
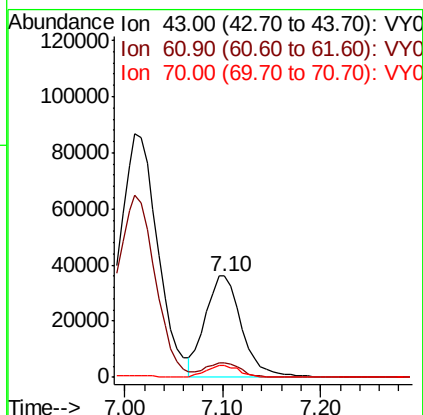
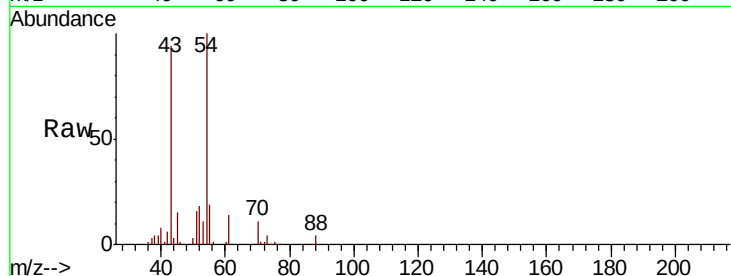




#37
Ethyl Acetate
Concen: 58.031 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

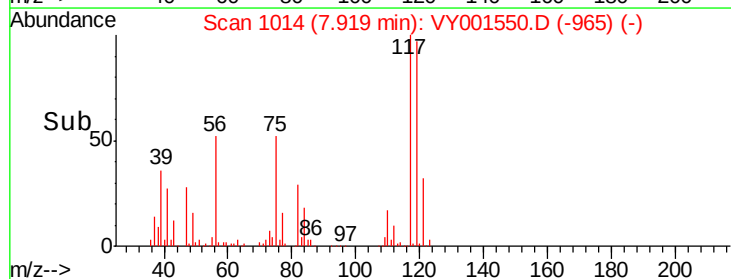
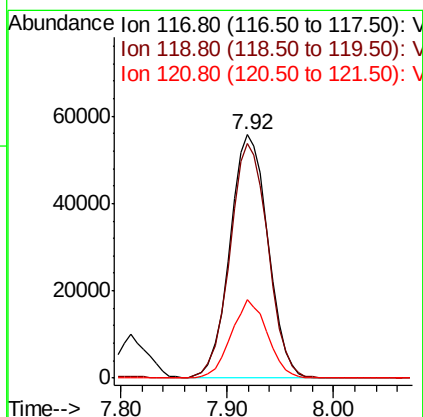
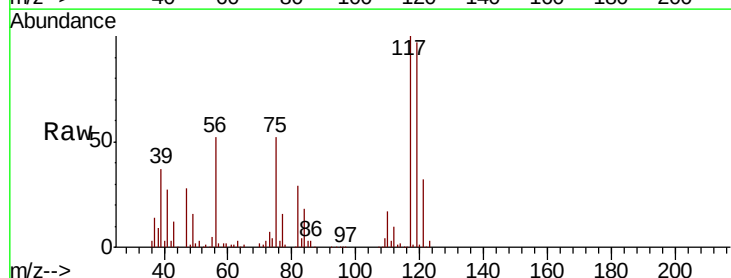
Instrument :
MSVOA_Y
ClientSampled :

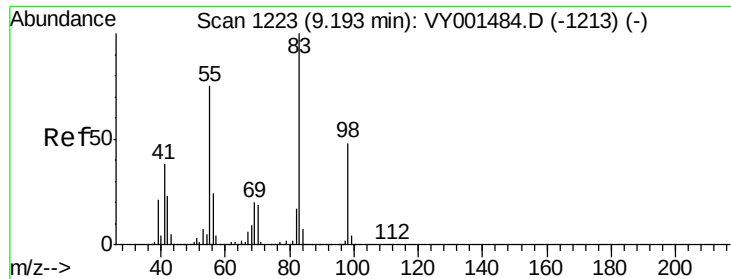
Tot Ion: 43 Resp: 92840
Ion Ratio Lower Upper
43 100
61 13.9 12.0 18.0
70 10.9 10.2 15.4



#38
Carbon Tetrachloride
Concen: 43.776 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion: 117 Resp: 139969
Ion Ratio Lower Upper
117 100
119 96.6 76.4 114.6
121 32.4 24.2 36.4

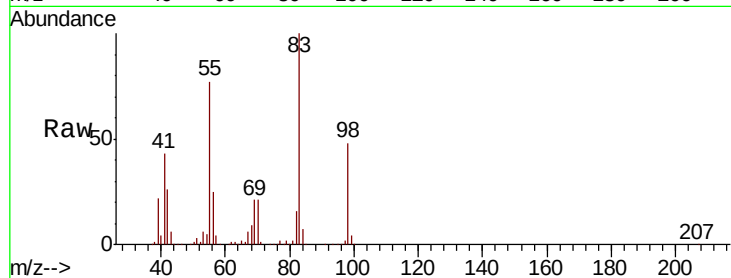




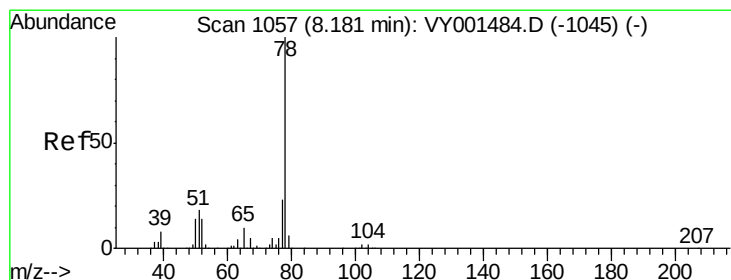
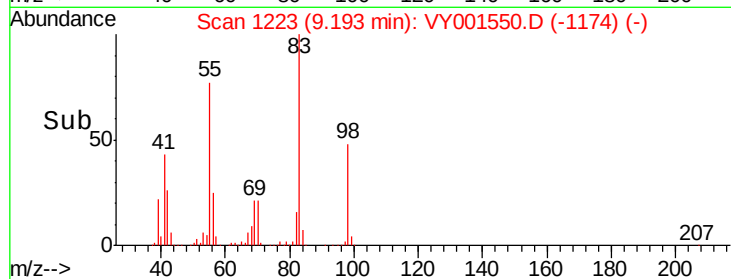
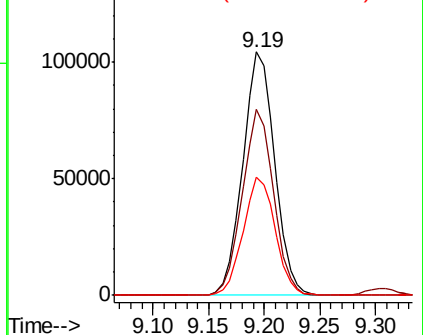
#39
Methylvlcyclohexane
Concen: 47.786 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 207940
Ion Ratio Lower Upper
83 100
55 76.6 59.8 89.6
98 48.4 38.6 57.8

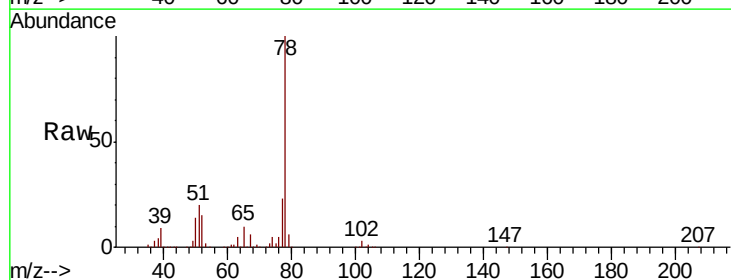


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

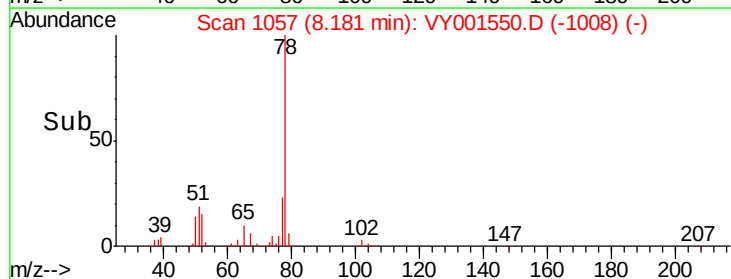
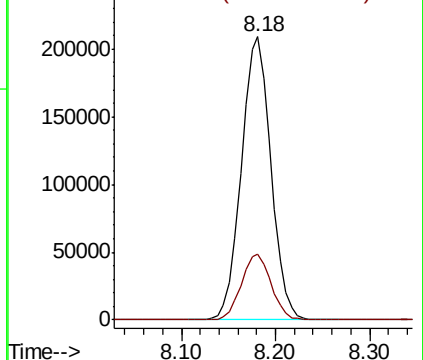


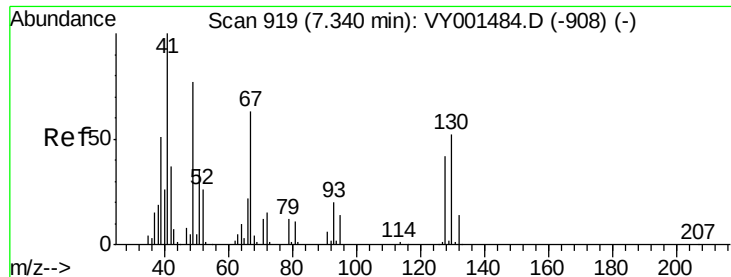
#40
Benzene
Concen: 48.561 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion: 78 Resp: 457747
Ion Ratio Lower Upper
78 100
77 23.3 18.5 27.7



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

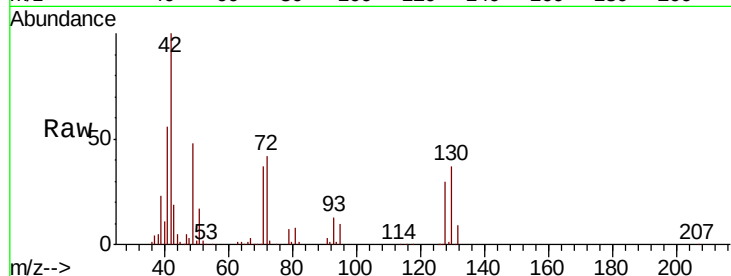




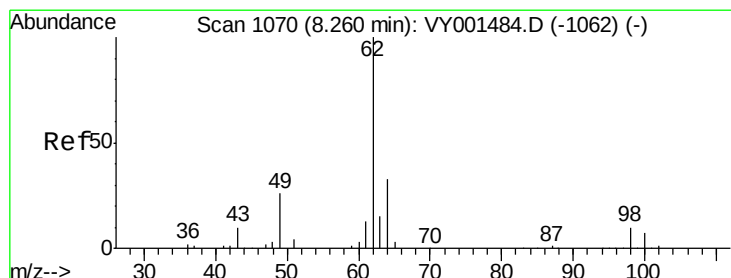
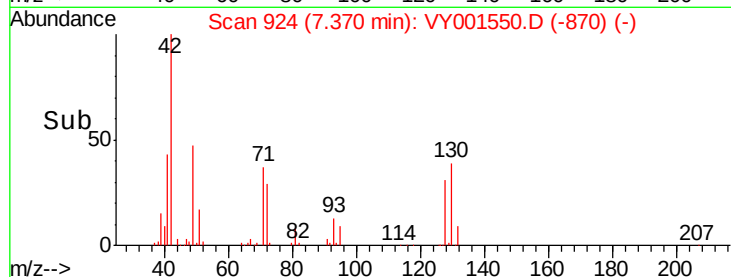
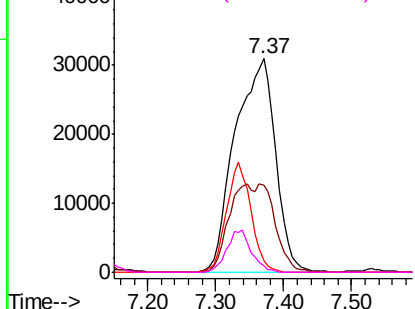
#41
Methacrylonitrile
Concen: 172.827 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 128146
Ion Ratio Lower Upper
41 100
39 0.0 116.8 175.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

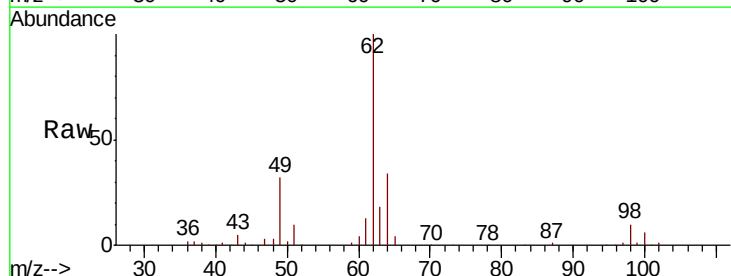


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

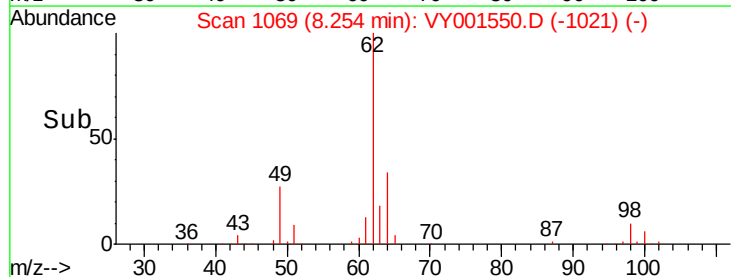
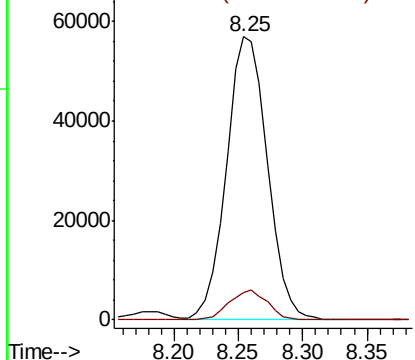


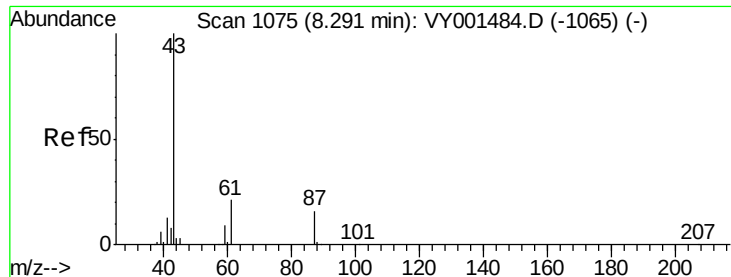
#42
1,2-Dichloroethane
Concen: 47.881 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion: 62 Resp: 125744
Ion Ratio Lower Upper
62 100
98 10.0 0.0 21.0



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





#43

Isopropyl Acetate

Concen: 58.073 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

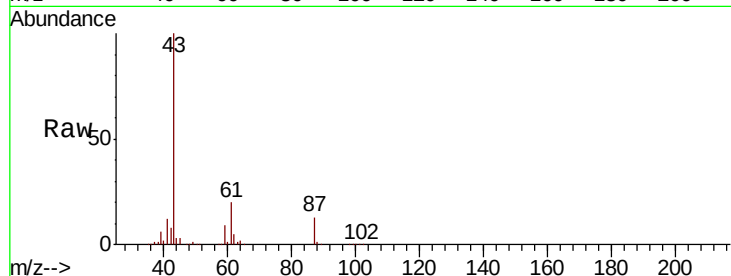
Tot Ion: 43 Resp: 183951

Ion Ratio Lower Upper

43 100

61 28.5 25.1 37.7

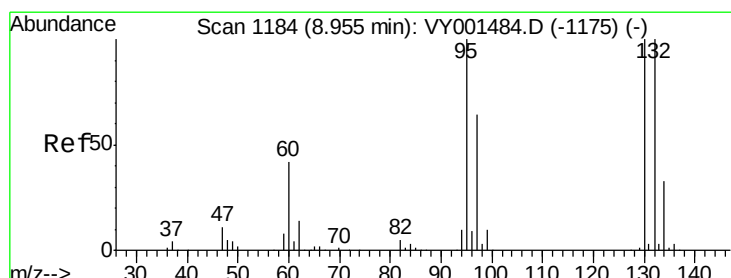
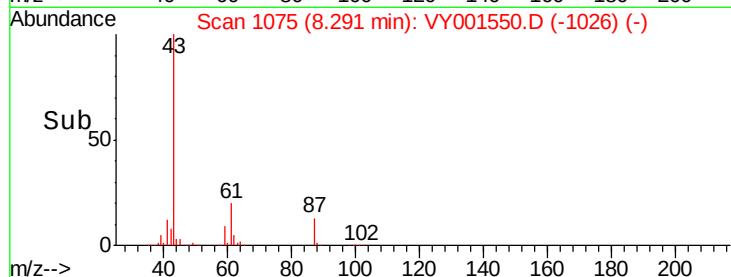
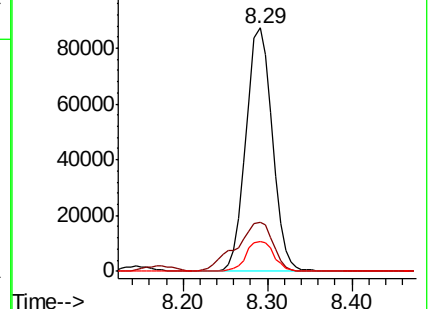
87 13.0 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY001550.D (-1026) (-)

Ion 61.00 (60.70 to 61.70): VY001550.D (-1026) (-)

Ion 87.00 (86.70 to 87.70): VY001550.D (-1026) (-)



#44

Trichloroethene

Concen: 45.485 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VY001550.D

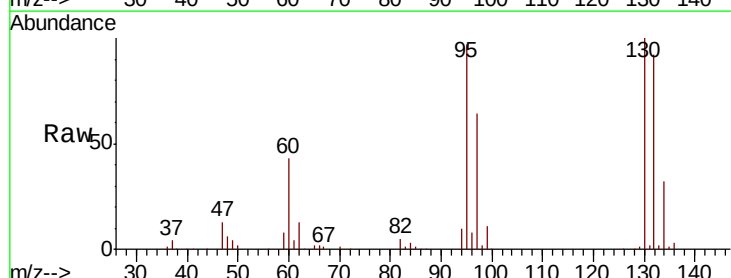
Acq: 07 Feb 2020 13:22

Tgt Ion:130 Resp: 115570

Ion Ratio Lower Upper

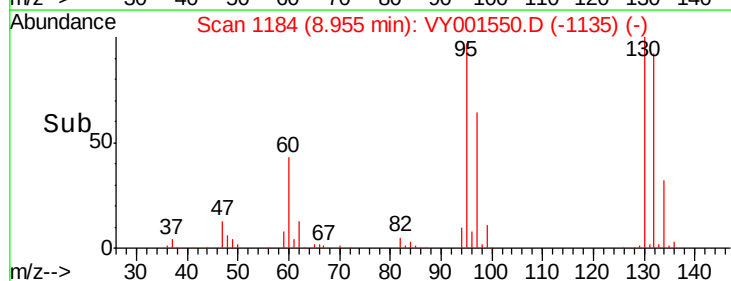
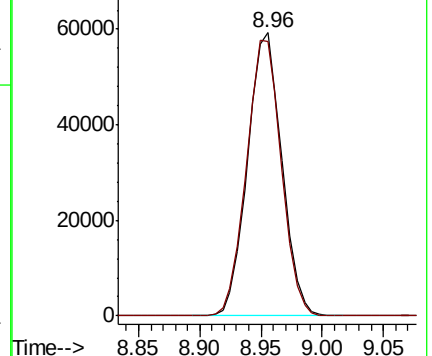
130 100

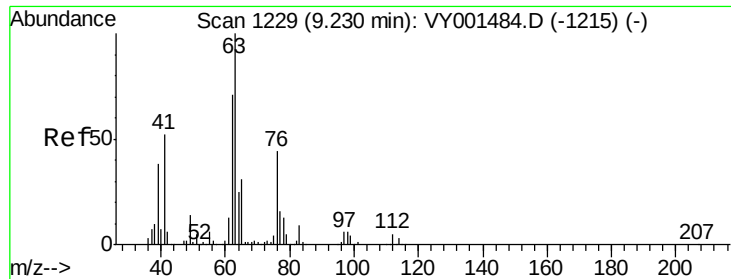
95 97.1 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): VY001550.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY001550.D (-1135) (-)

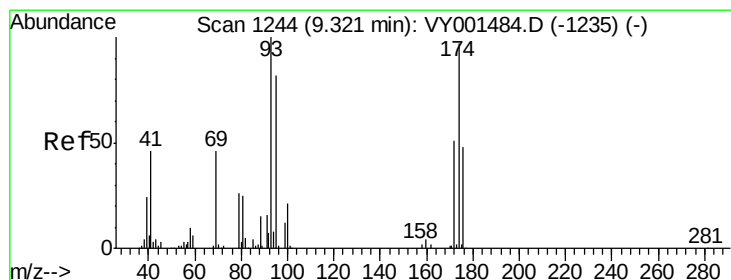
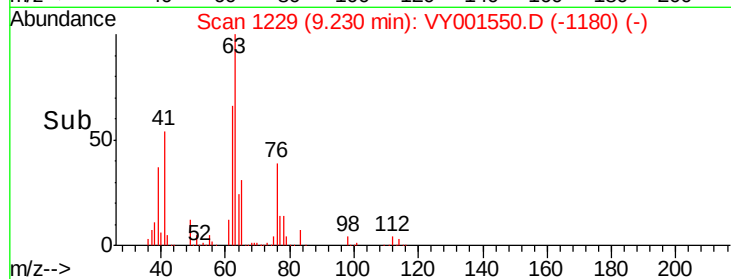
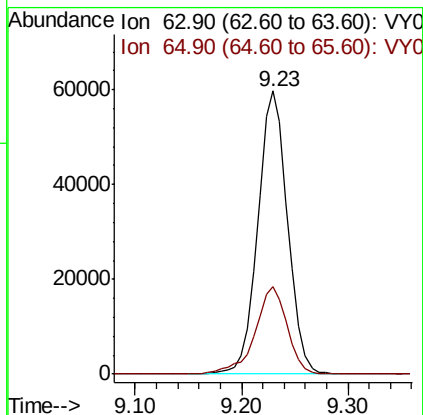
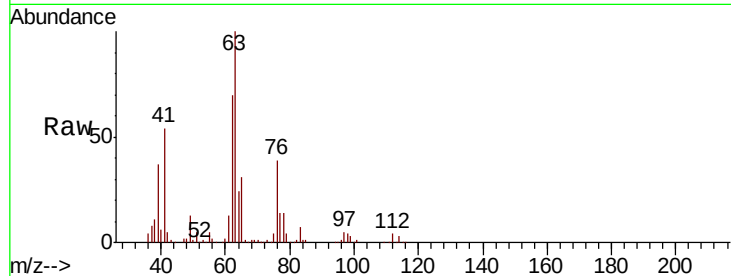




#45
 1,2-Dichloropropane
 Concen: 51.146 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

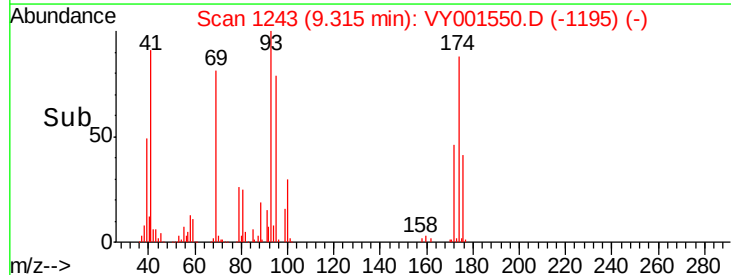
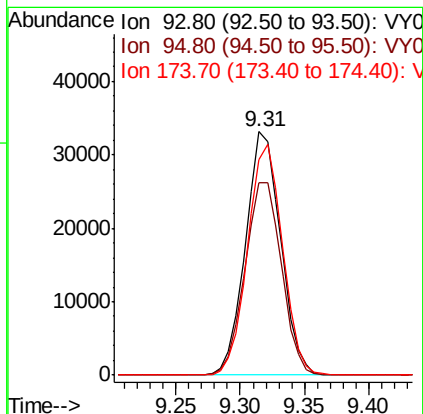
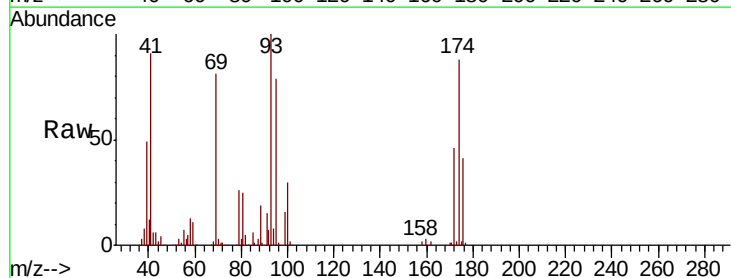
Instrument :
 MSVOA_Y
 ClientSampleId :

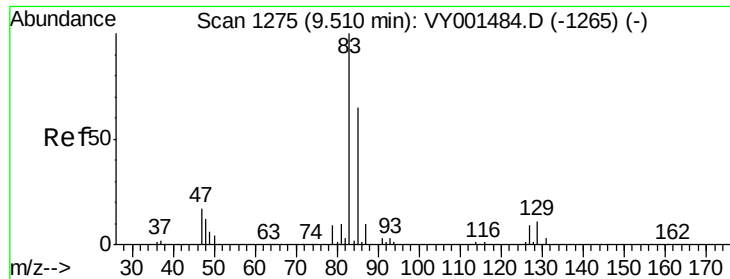
Tot Ion: 63 Resp: 116419
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.0 37.4



#46
 Dibromomethane
 Concen: 48.843 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion: 93 Resp: 62429
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.6 99.8
 174 94.1 75.4 113.2

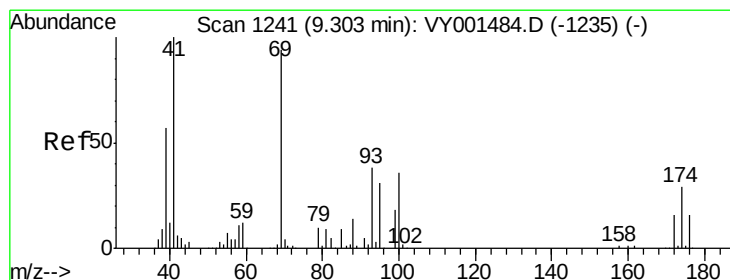
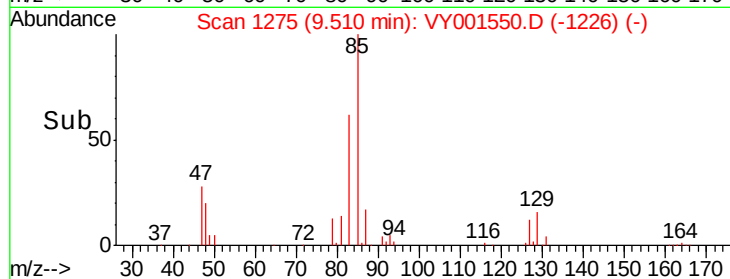
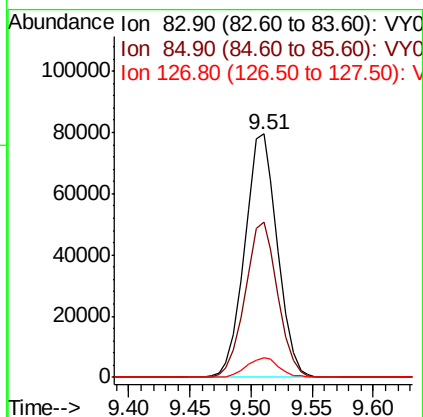
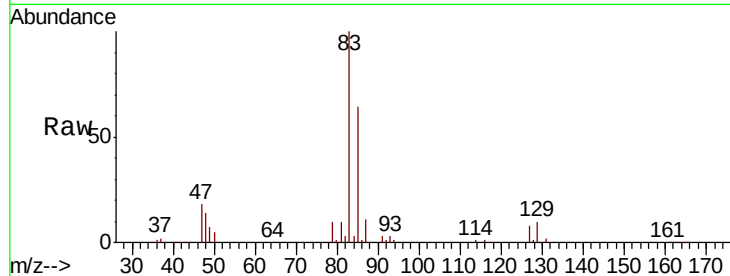




#47
Bromodichloromethane
Concen: 47.292 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

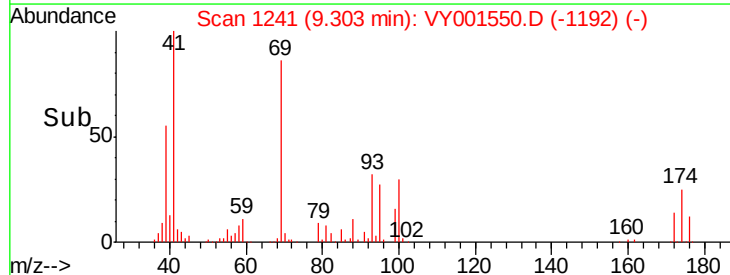
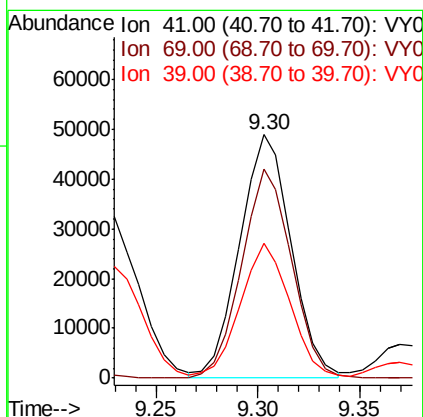
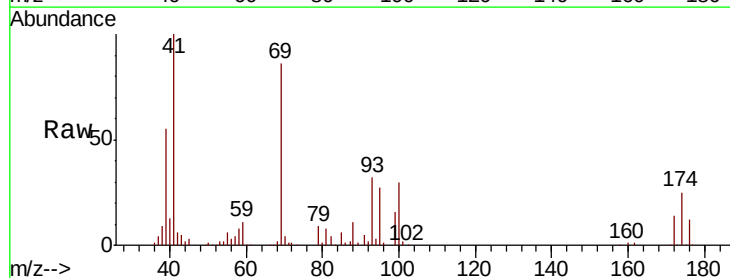
Instrument :
MSVOA_Y
ClientSampled :

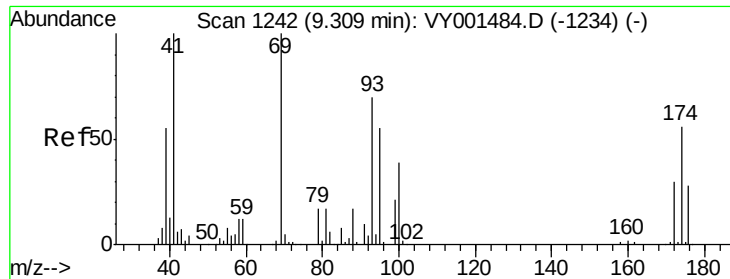
Tot Ion	83	Resp	147281
Ion Ratio	100		
Lower	51.9		
Upper	77.9		
85	63.8		
127	7.8		
	6.9		
	10.3		



#48
Methyl methacrylate
Concen: 59.613 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	41	Resp	85704
Ion Ratio	100		
Lower	76.6		
Upper	114.8		
69	84.0		
39	51.7		
	45.4		
	68.0		





#49

1,4-Dioxane

Concen: 1006.041 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampled :

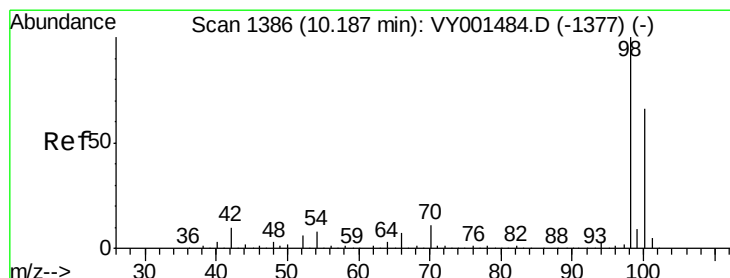
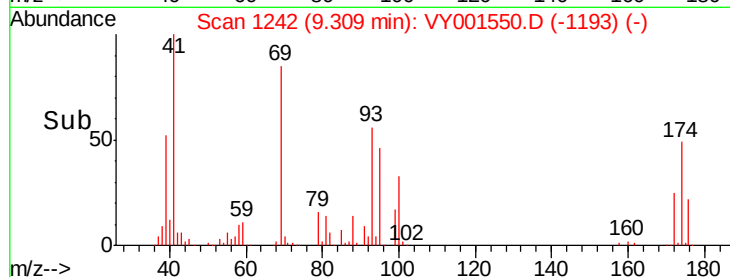
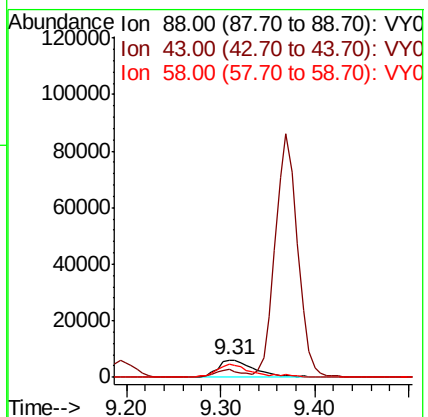
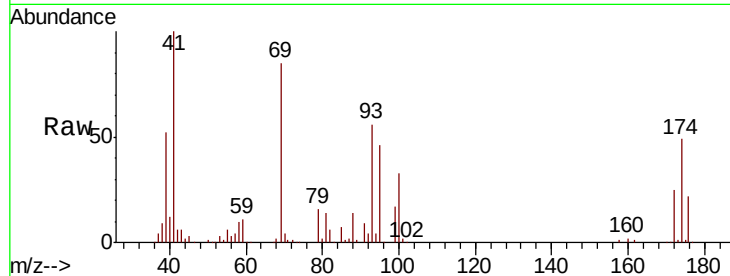
Tot Ion: 88 Resp: 16982

Ion Ratio Lower Upper

88 100

43 33.5 24.8 37.2

58 73.1 59.3 88.9



#50

Toluene-d8

Concen: 55.174 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY001550.D

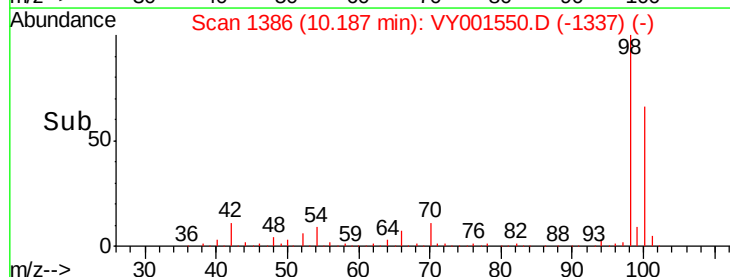
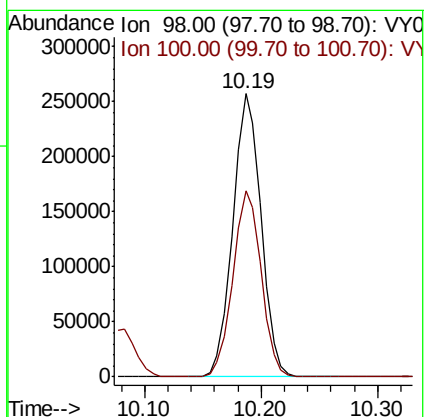
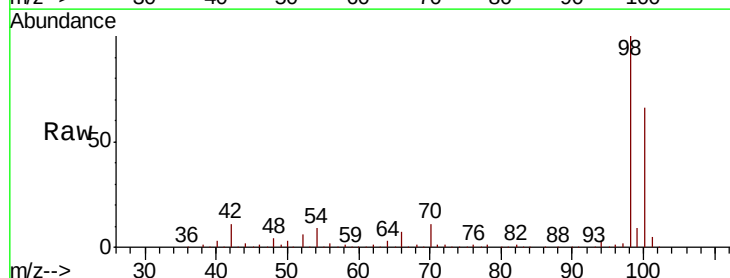
Acq: 07 Feb 2020 13:22

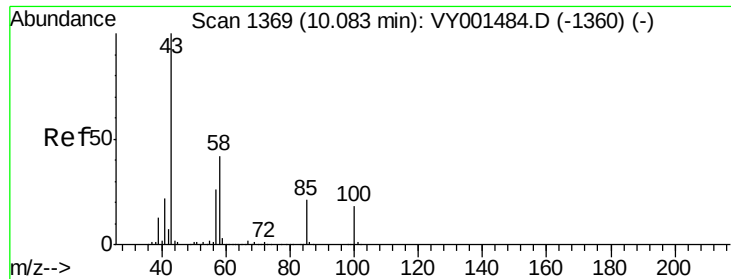
Tgt Ion: 98 Resp: 434851

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 306.035 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

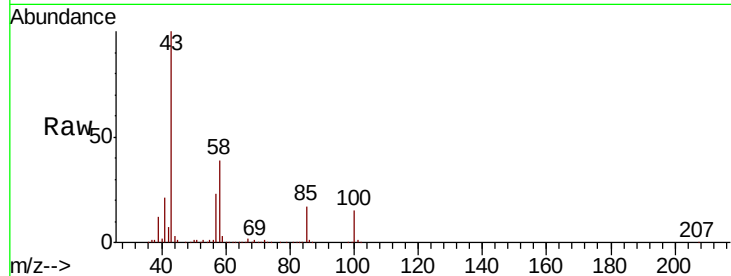
ClientSampled :

Tot Ion: 43 Resp: 477399

Ion Ratio Lower Upper

43 100

58 39.5 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY001484.D (-1360) (-)

10.08

250000

200000

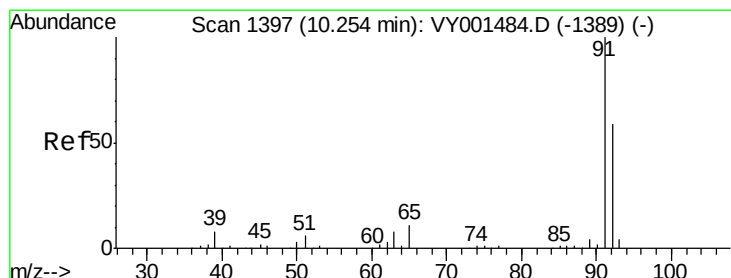
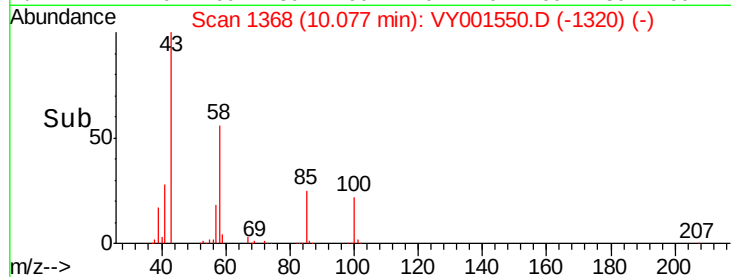
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 47.780 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY001550.D

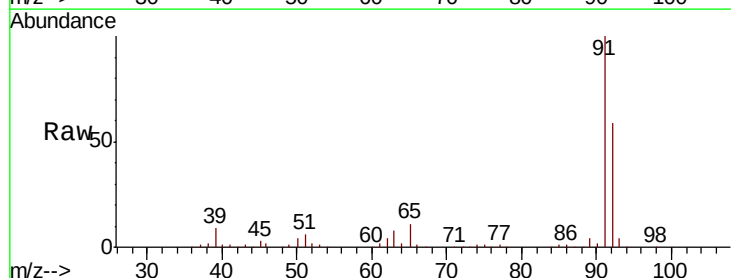
Acq: 07 Feb 2020 13:22

Tgt Ion: 92 Resp: 285776

Ion Ratio Lower Upper

92 100

91 172.5 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY001484.D (-1389) (-)

Ion 91.00 (90.70 to 91.70): VY001484.D (-1389) (-)

10.25

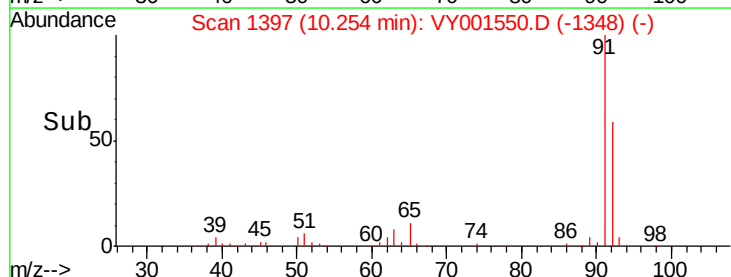
300000

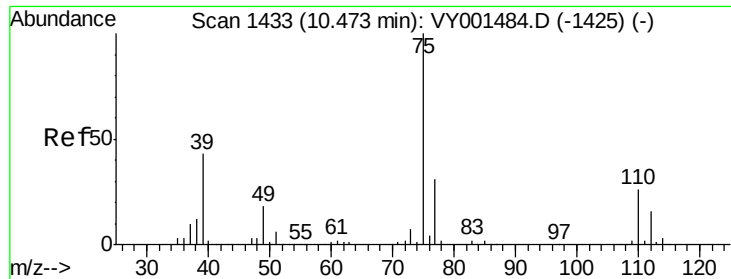
200000

100000

0

Time-->

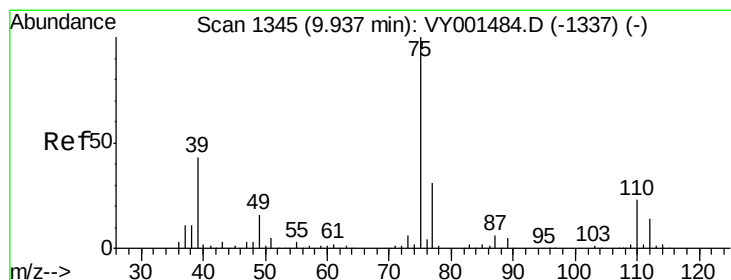
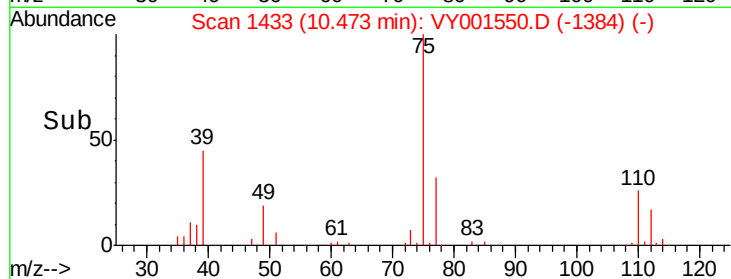
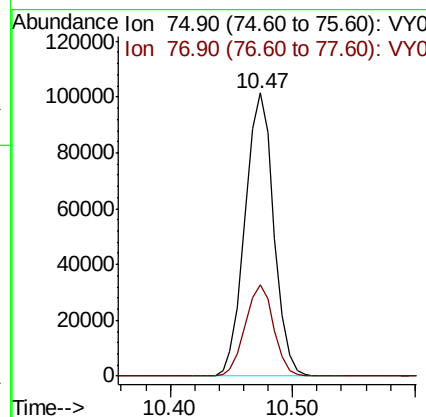
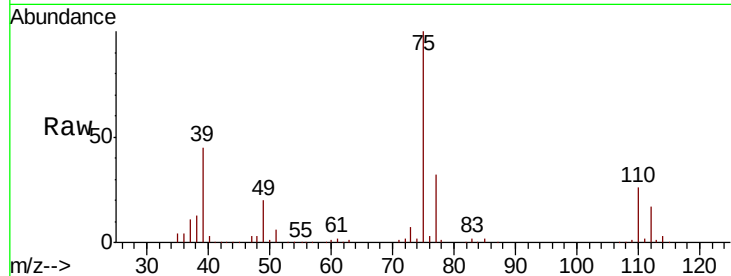




#53
 t-1,3-Dichloropropene
 Concen: 48.682 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

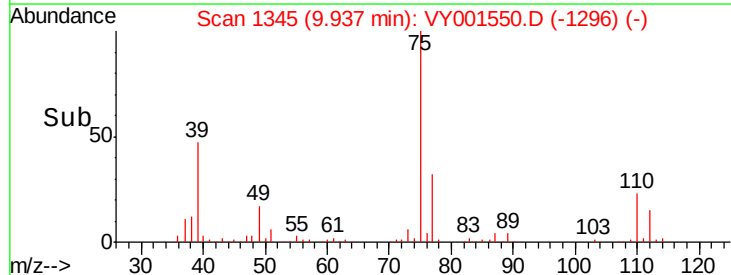
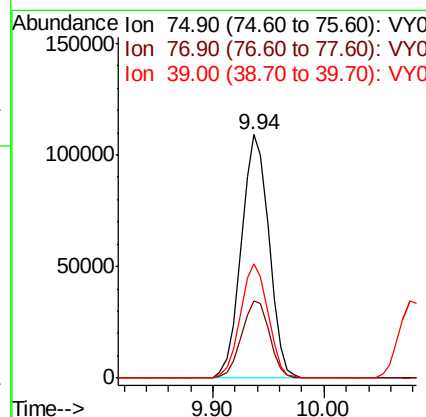
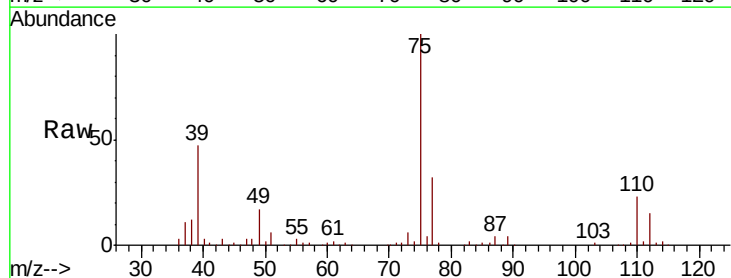
Instrument :
 MSVOA_Y
 ClientSampled :

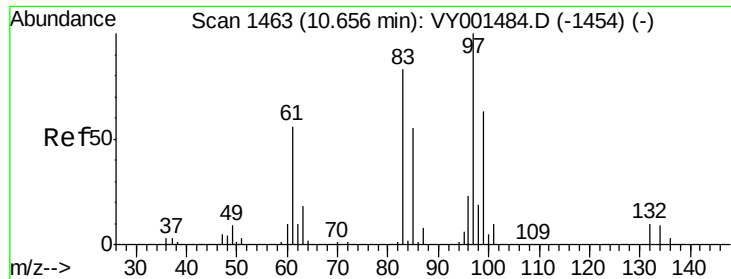
Tot Ion: 75 Resp: 165131
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 48.068 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion: 75 Resp: 187187
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.7 37.1
 39 47.0 34.0 51.0

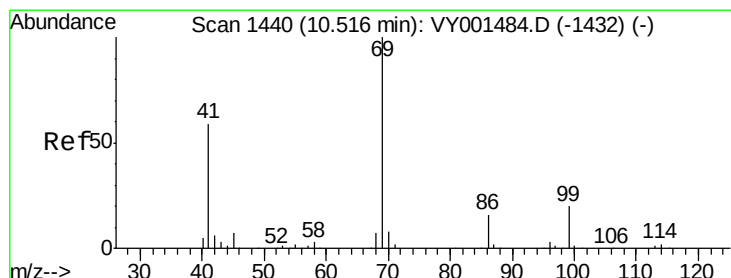
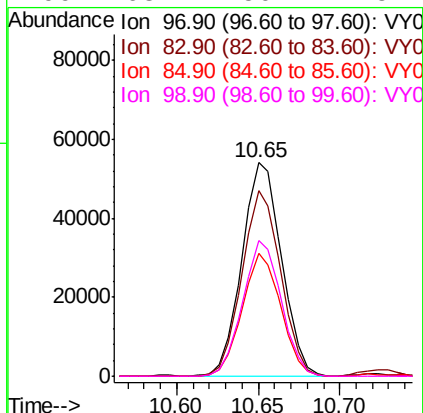
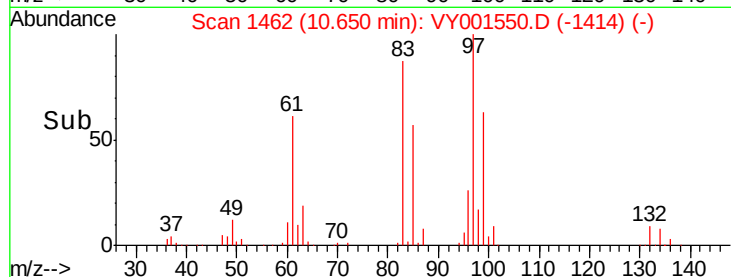
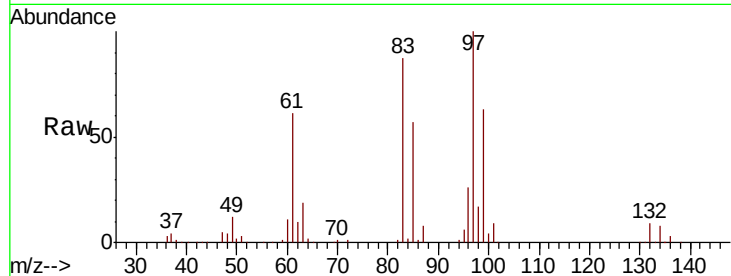




#55
 1,1,2-Trichloroethane
 Concen: 50.059 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

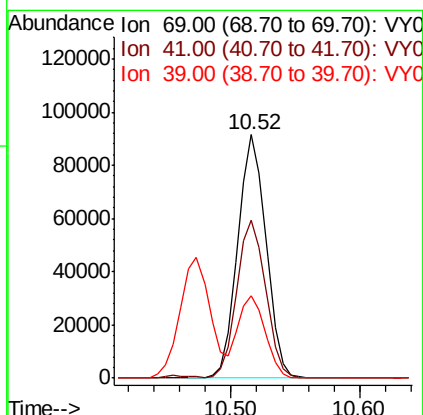
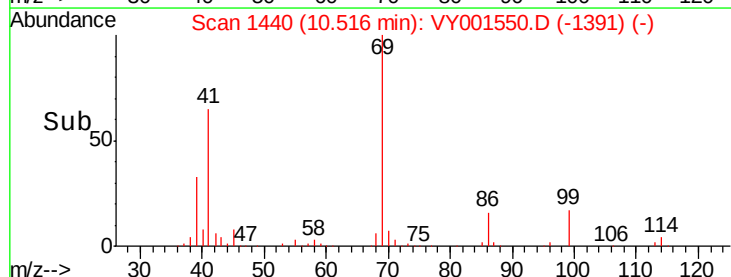
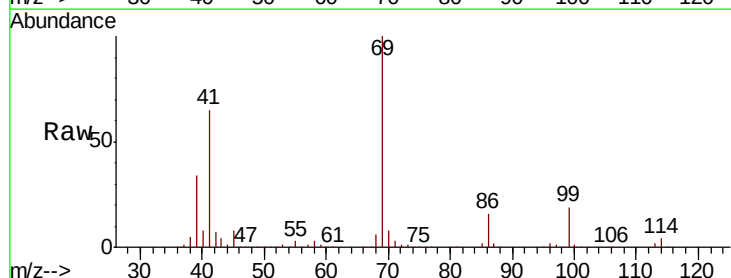
Instrument :
 MSVOA_Y
 ClientSampleId :

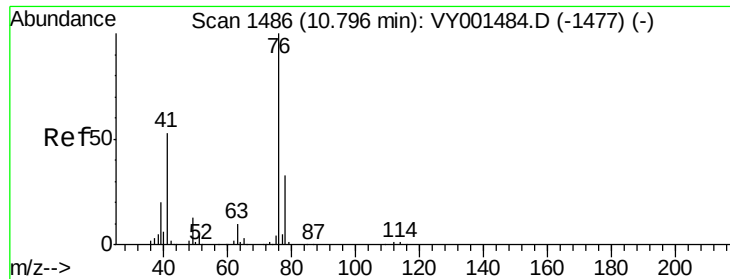
Tot Ion:	97	Resp:	91801
Ion	Ratio	Lower	Upper
97	100		
83	86.7	66.2	99.2
85	57.3	43.8	65.6
99	63.4	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 53.427 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion:	69	Resp:	139355
Ion	Ratio	Lower	Upper
69	100		
41	66.1	47.8	71.8
39	32.2	24.4	36.6

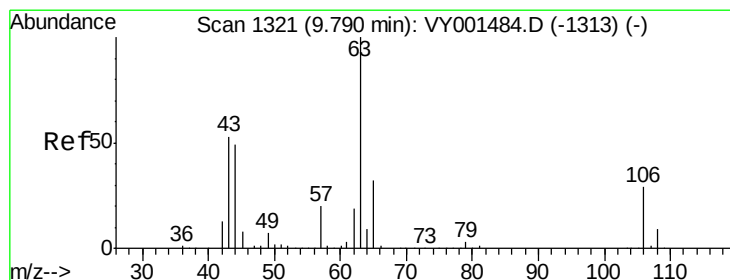
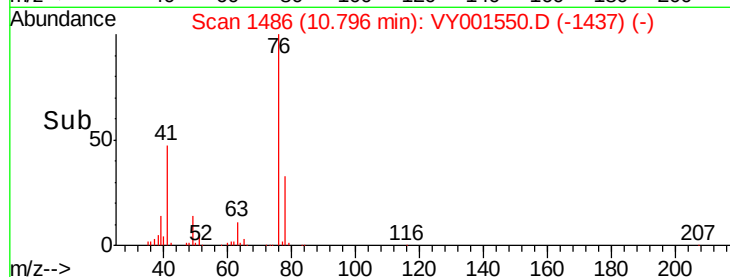
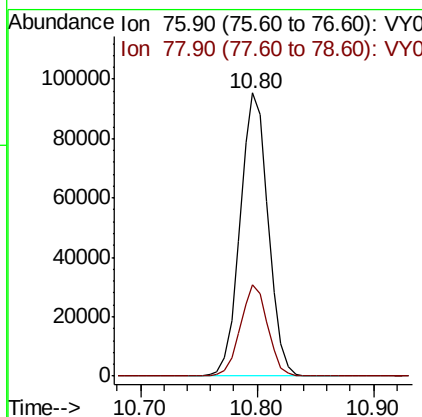
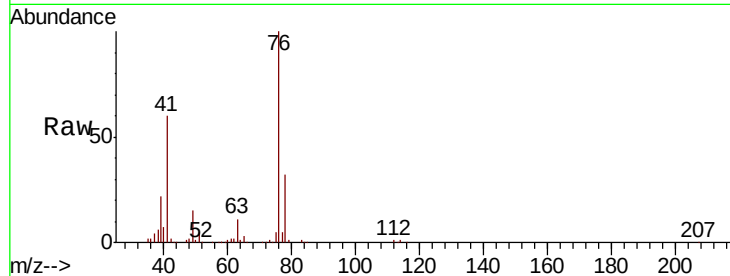




#57
 1,3-Dichloropropane
 Concen: 49.351 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

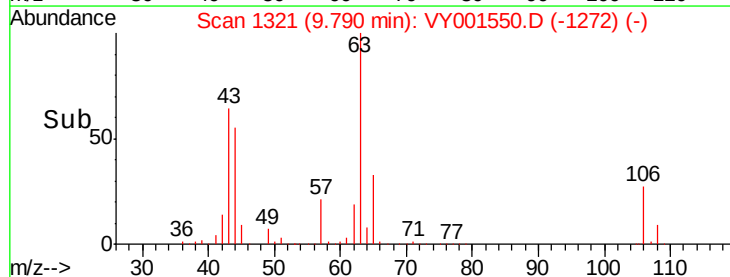
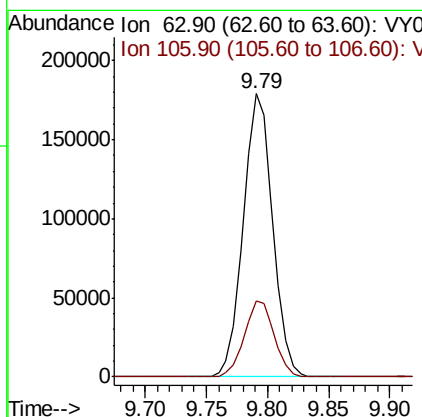
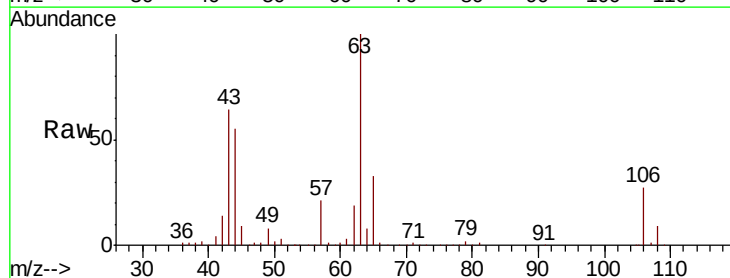
Instrument :
 MSVOA_Y
 ClientSampled :

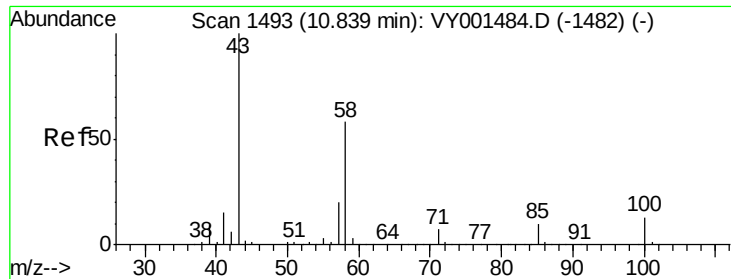
Tot Ion: 76 Resp: 159535
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 310.241 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion: 63 Resp: 297688
 Ion Ratio Lower Upper
 63 100
 106 27.2 24.0 36.0

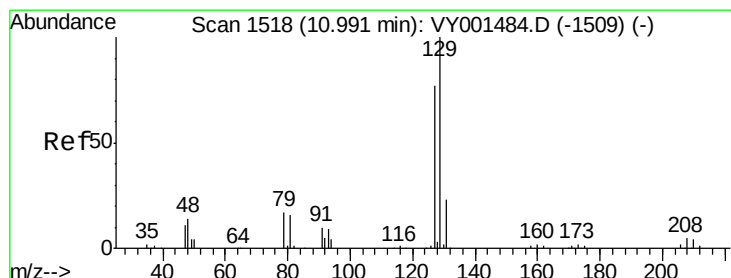
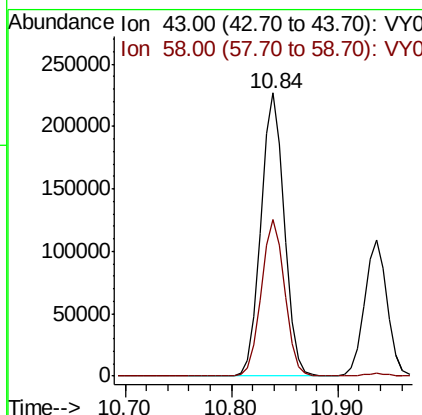
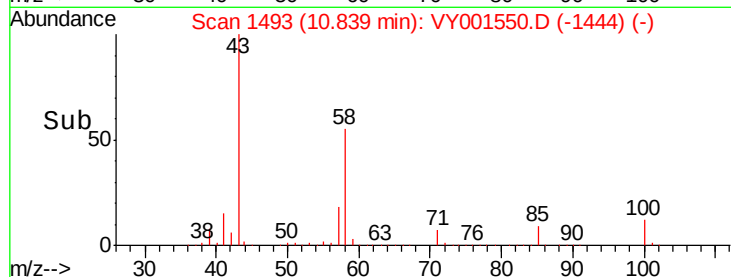
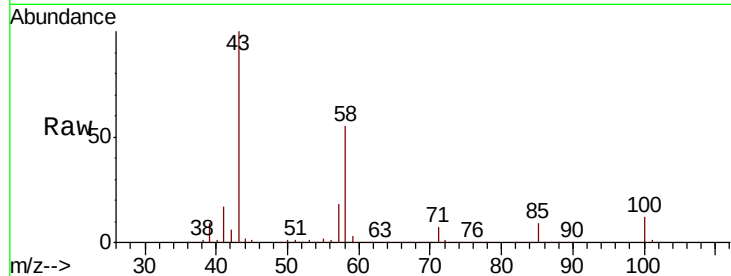




#59
2-Hexanone
Concen: 308.525 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

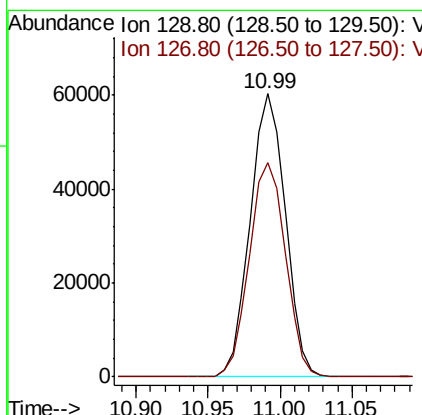
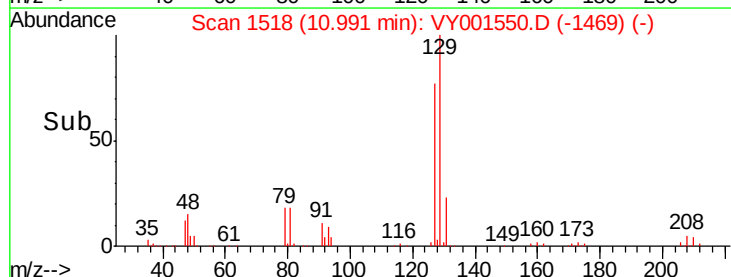
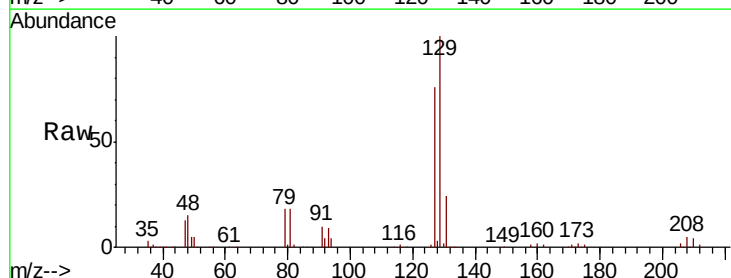
Instrument :
MSVOA_Y
ClientSampled :

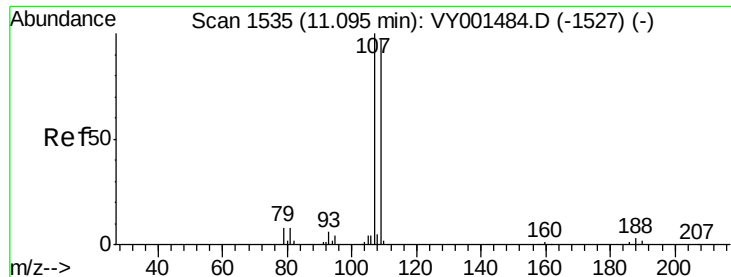
Tot Ion: 43 Resp: 349935
Ion Ratio Lower Upper
43 100
58 55.4 29.0 87.0



#60
Dibromochloromethane
Concen: 47.138 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion: 129 Resp: 101896
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6

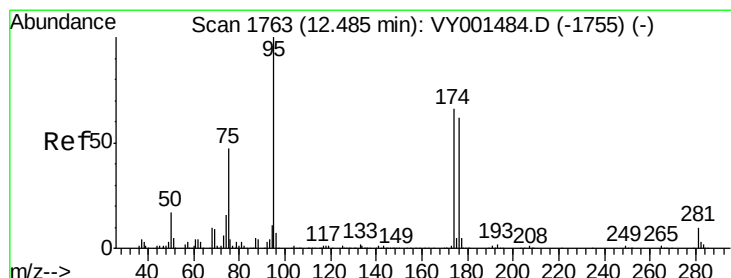
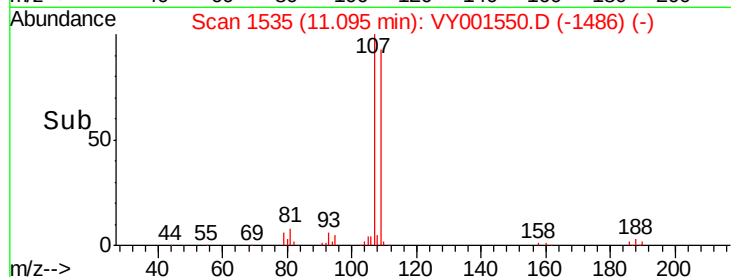
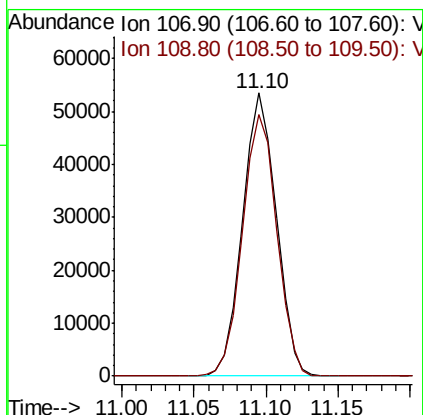
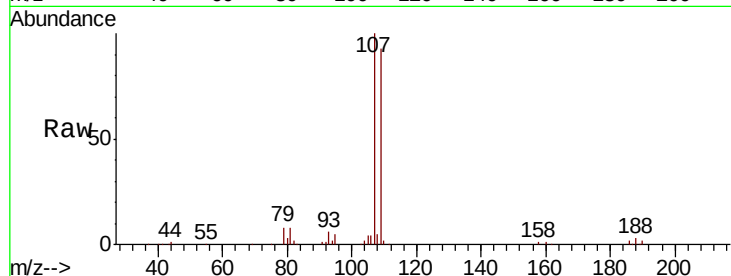




#61
 1,2-Dibromoethane
 Concen: 48.097 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

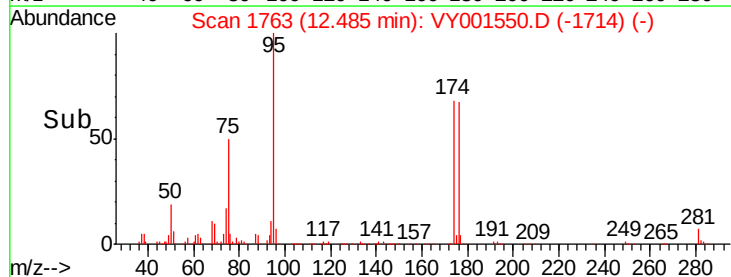
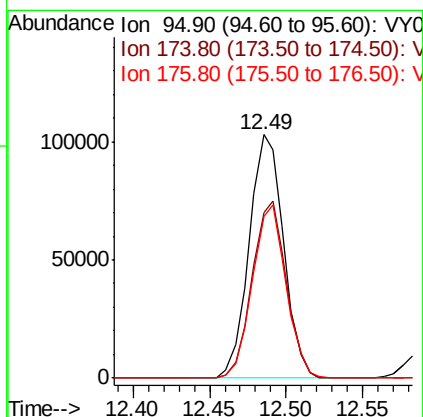
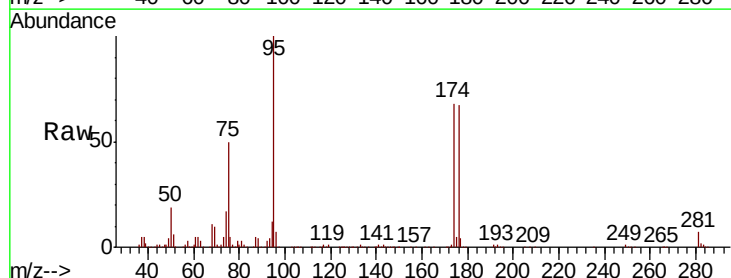
Instrument :
 MSVOA_Y
 ClientSampleId :

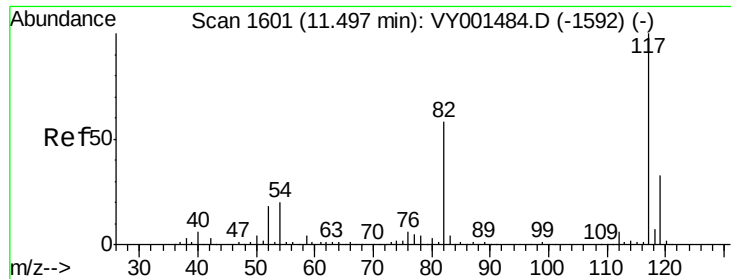
Tot Ion: 107 Resp: 86875
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 51.835 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion: 95 Resp: 160941
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 141.4
 176 69.7 0.0 135.4

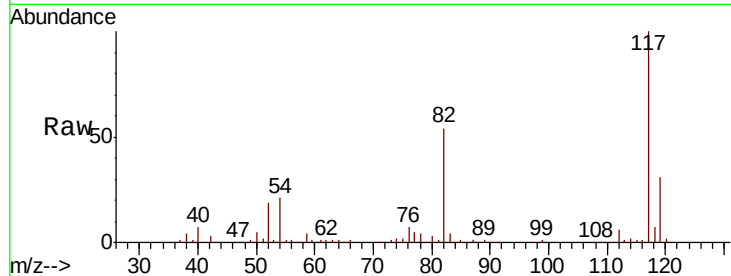




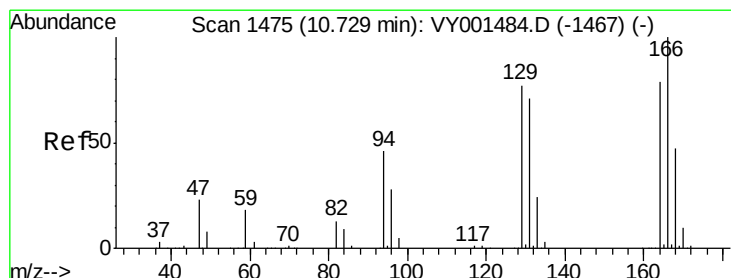
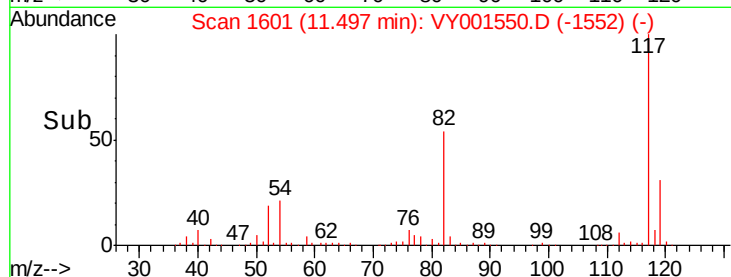
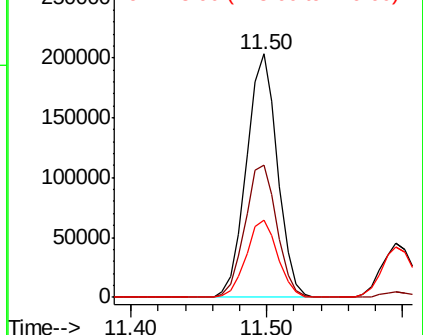
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 324373
Ion Ratio Lower Upper
117 100
82 54.4 46.1 69.1
119 31.5 26.1 39.1

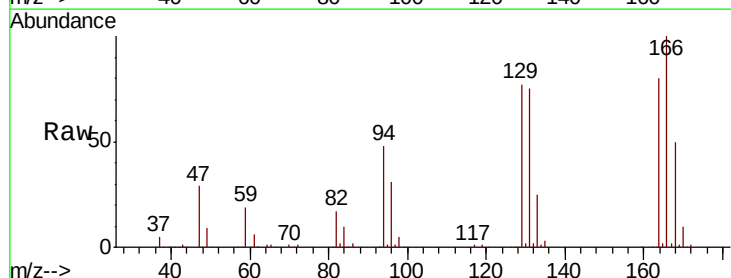


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

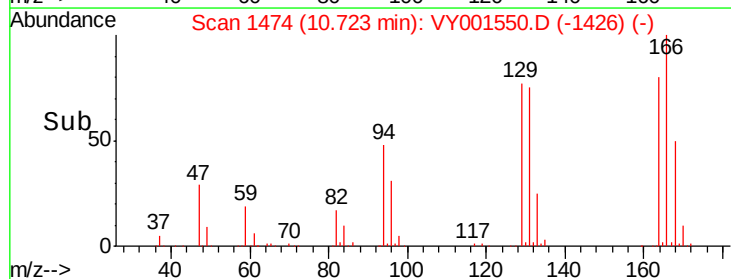
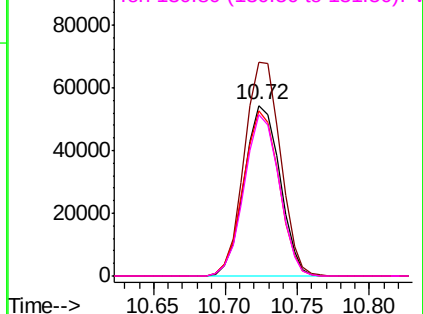


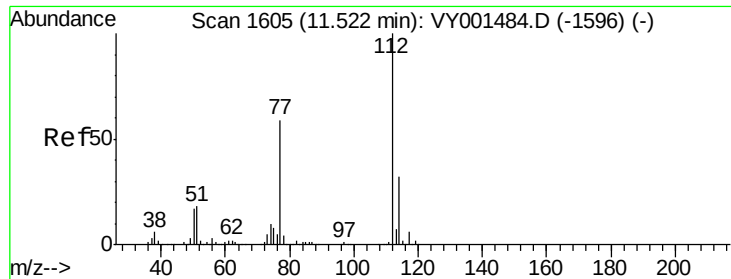
#64
Tetrachloroethene
Concen: 43.928 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion:164 Resp: 93446
Ion Ratio Lower Upper
164 100
166 125.4 100.8 151.2
129 96.9 77.8 116.6
131 94.6 72.0 108.0



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

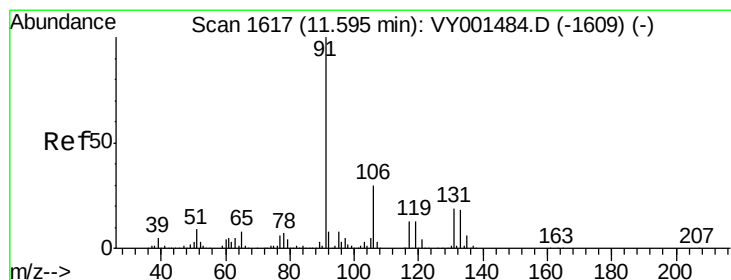
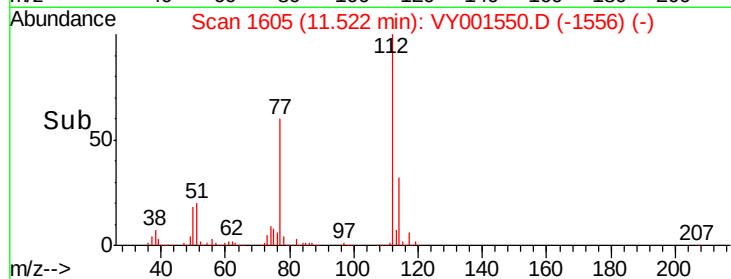
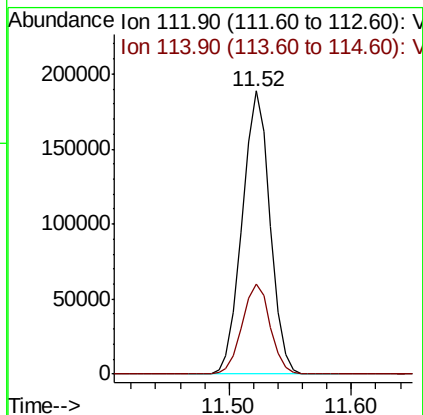
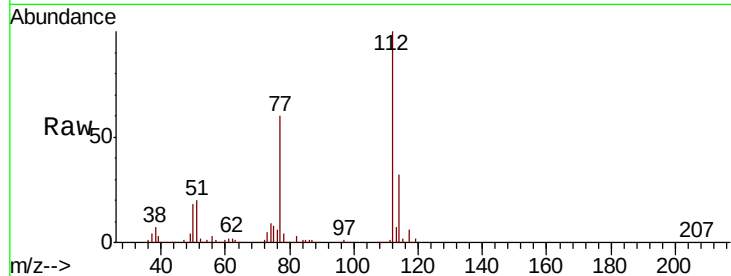




#65
Chlorobenzene
Concen: 46.699 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

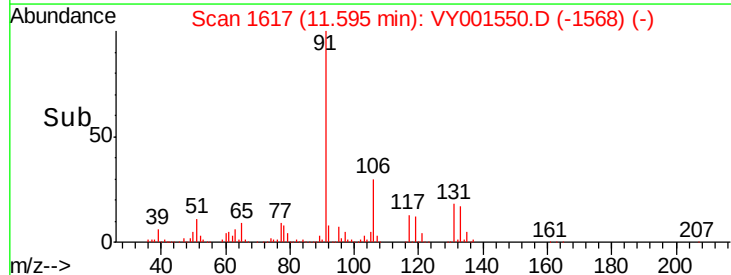
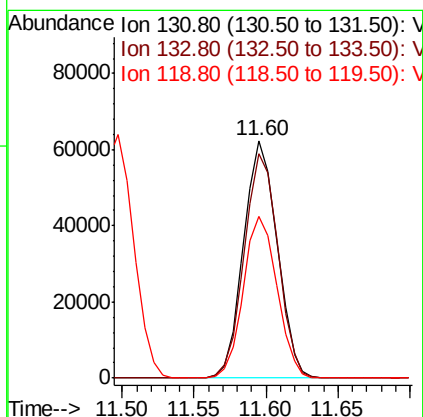
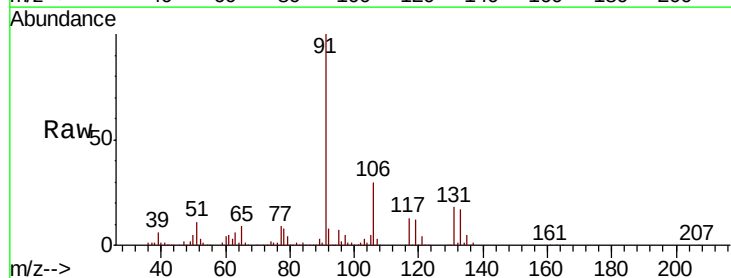
Instrument :
MSVOA_Y
ClientSampleId :

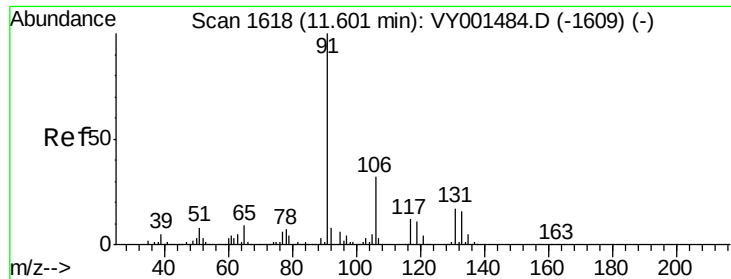
Tot Ion:112 Resp: 297427
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 45.388 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion:131 Resp: 101175
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.8
119 68.0 33.7 101.0

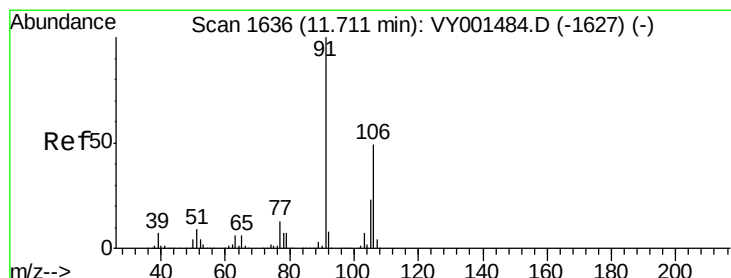
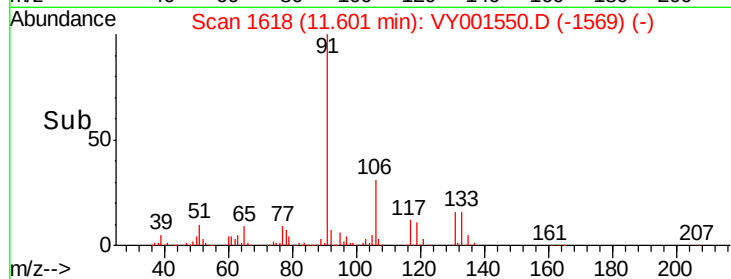
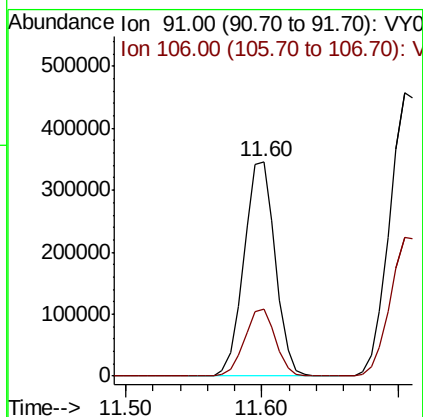
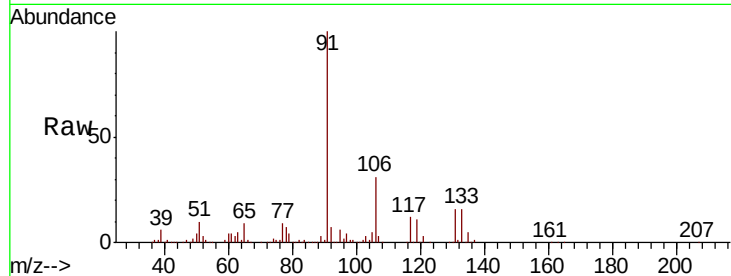




#67
Ethyl Benzene
Concen: 47.135 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

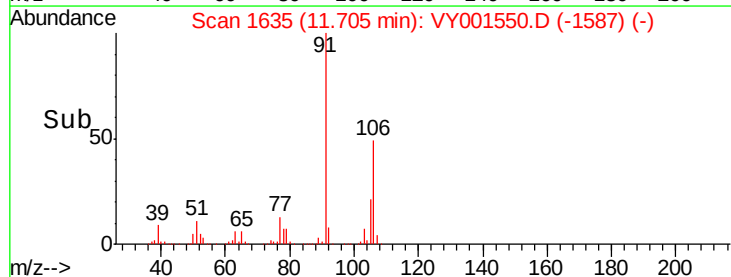
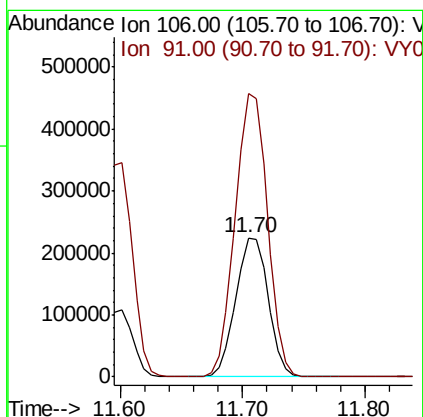
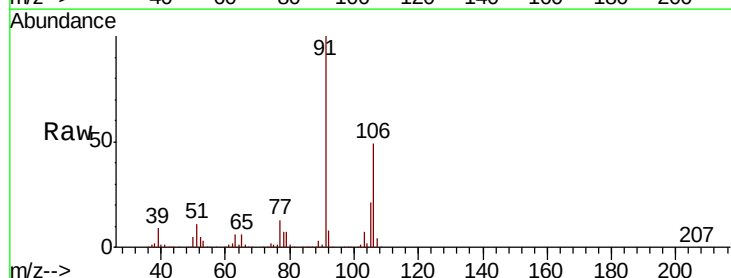
Instrument :
MSVOA_Y
ClientSampled :

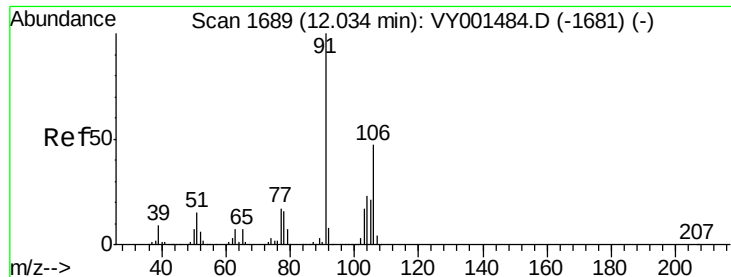
Tot Ion: 91 Resp: 555070
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9



#68
m/p-Xylenes
Concen: 93.685 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion: 106 Resp: 414165
Ion Ratio Lower Upper
106 100
91 202.8 163.6 245.4

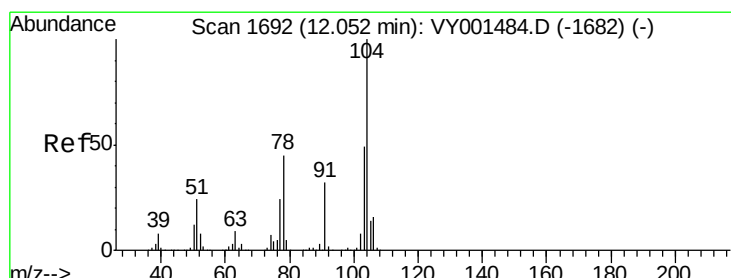
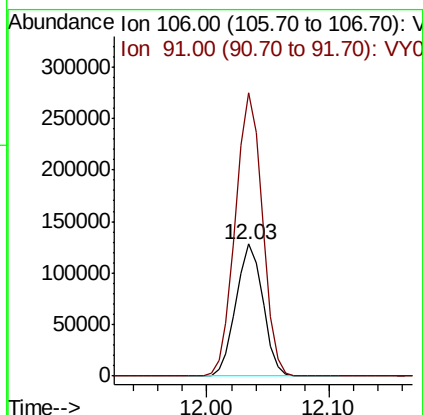
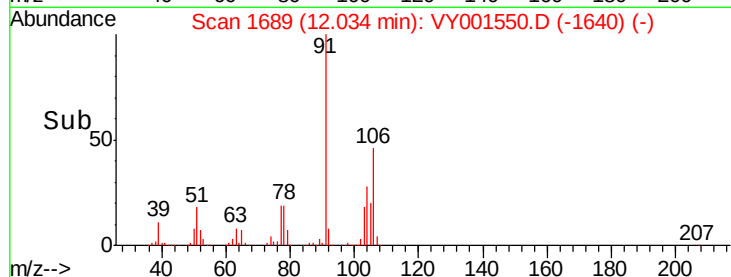
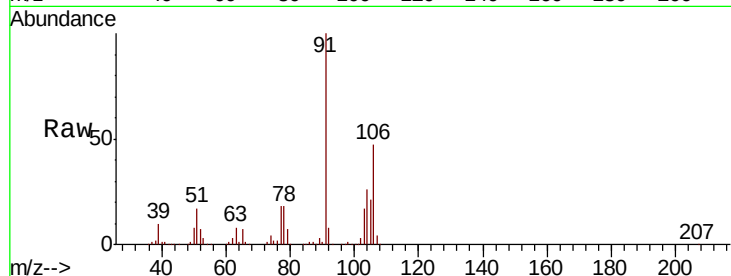




#69
o-Xylene
Concen: 46.914 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

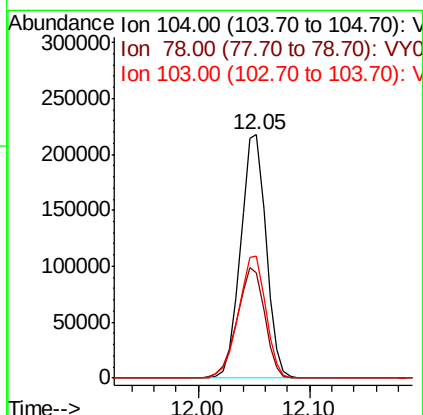
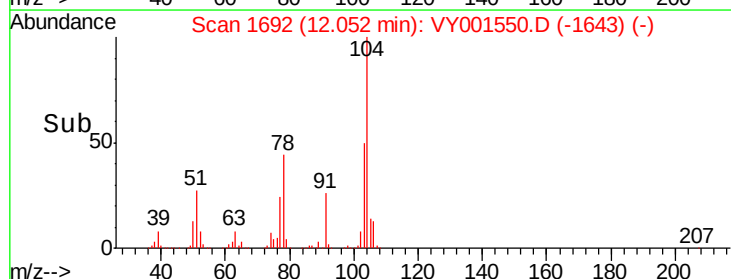
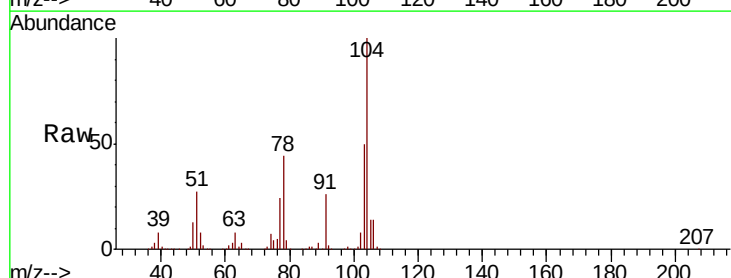
Instrument :
MSVOA_Y
ClientSampleId :

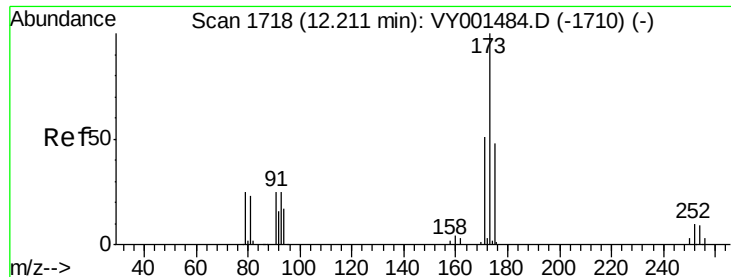
Tot Ion:106 Resp: 195550
Ion Ratio Lower Upper
106 100
91 214.1 106.0 318.0



#70
Styrene
Concen: 47.794 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion:104 Resp: 344506
Ion Ratio Lower Upper
104 100
78 49.0 40.4 60.6
103 53.9 42.8 64.2





#71

Bromoform

Concen: 49.168 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampled :

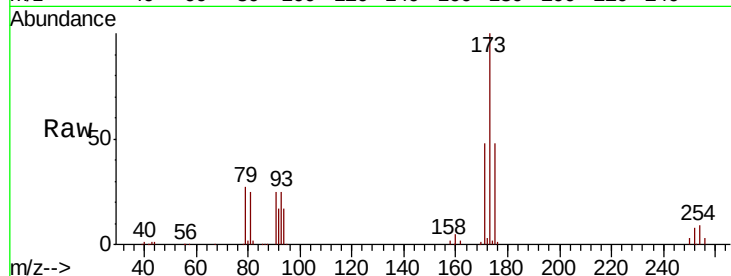
Tot Ion:173 Resp: 61029

Ion Ratio Lower Upper

173 100

175 48.5 24.0 72.0

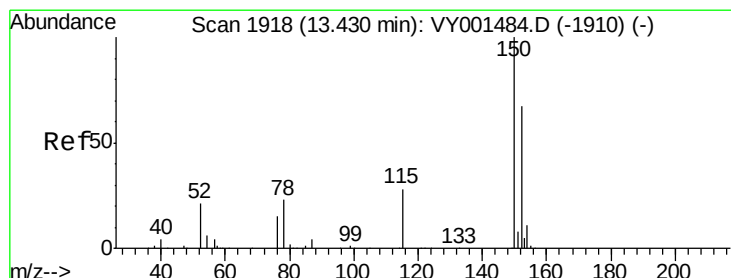
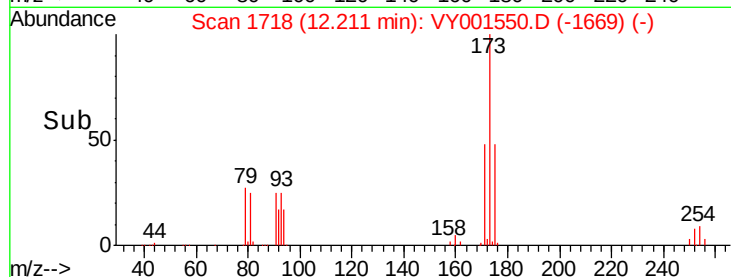
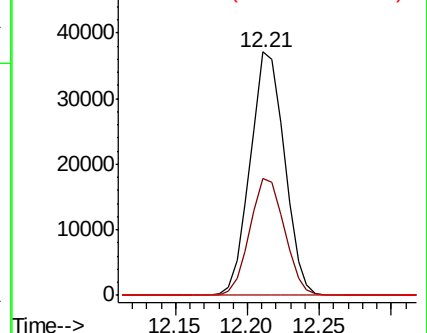
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

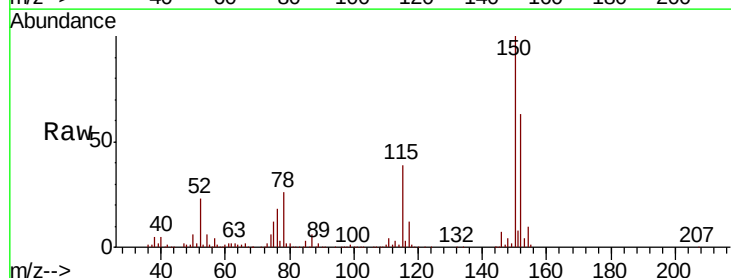
Tgt Ion:152 Resp: 157351

Ion Ratio Lower Upper

152 100

115 61.0 31.4 94.3

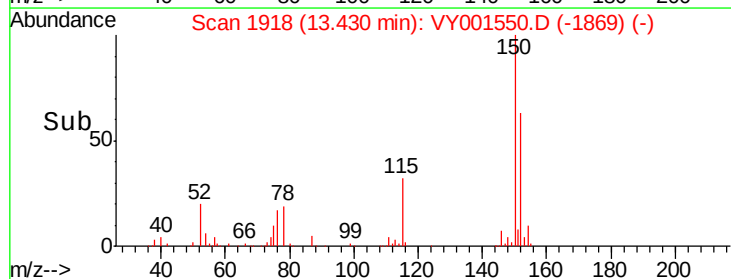
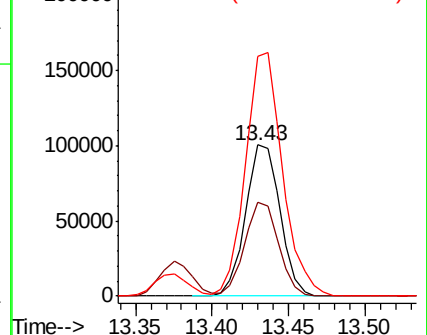
150 172.9 0.0 346.8

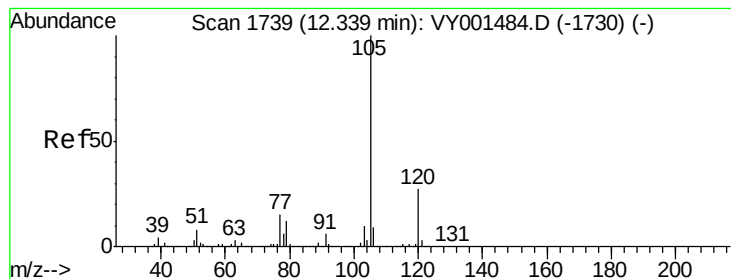


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.338 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

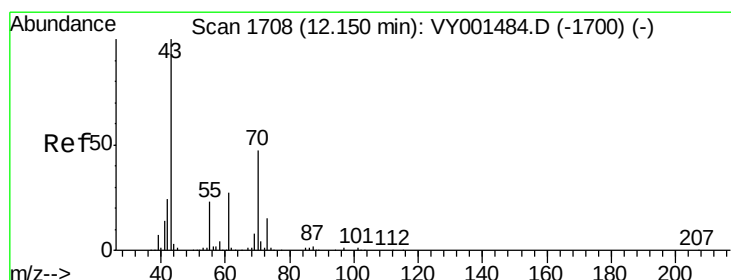
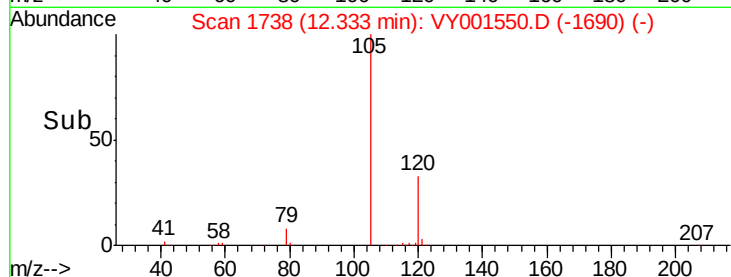
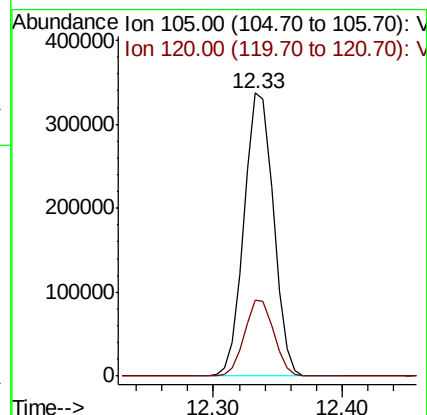
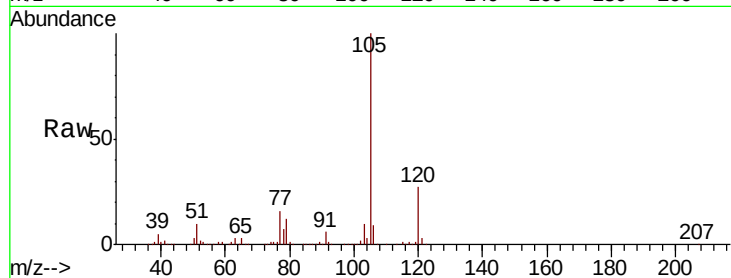
ClientSampleId :

Tot Ion:105 Resp: 532101

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 57.107 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Tgt Ion: 43 Resp: 178087

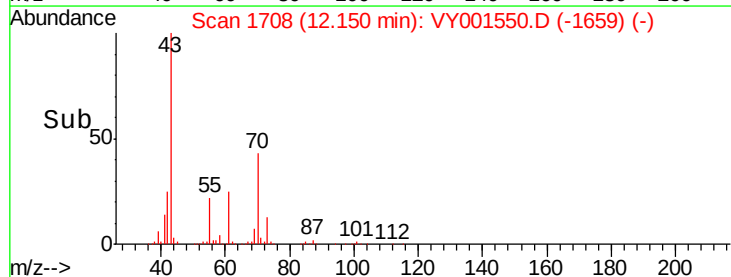
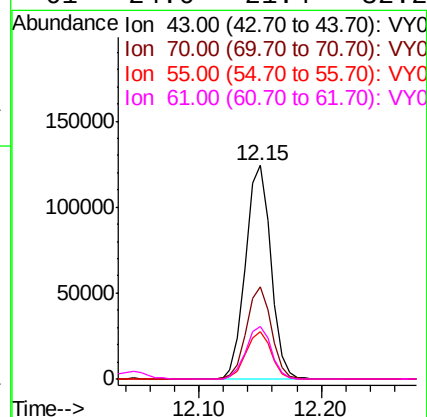
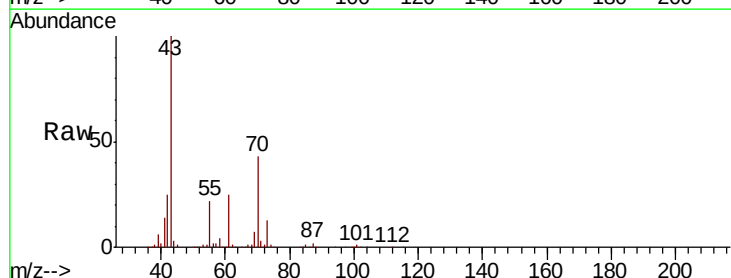
Ion Ratio Lower Upper

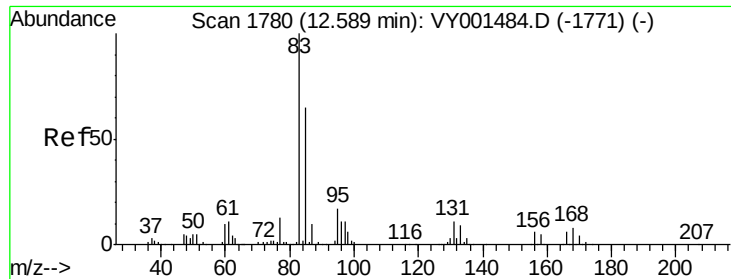
43 100

70 42.5 37.2 55.8

55 22.2 18.8 28.2

61 24.6 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.082 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampled :

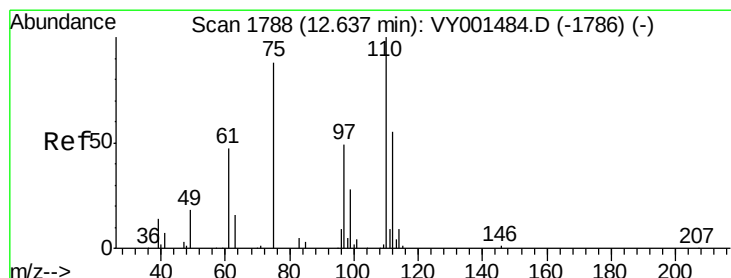
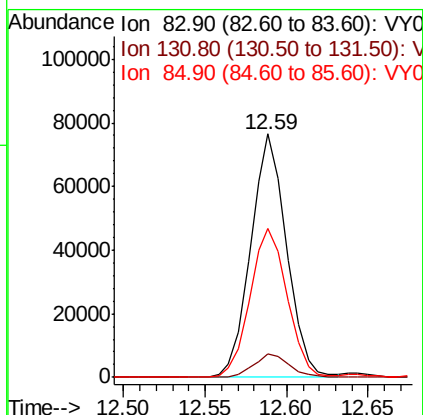
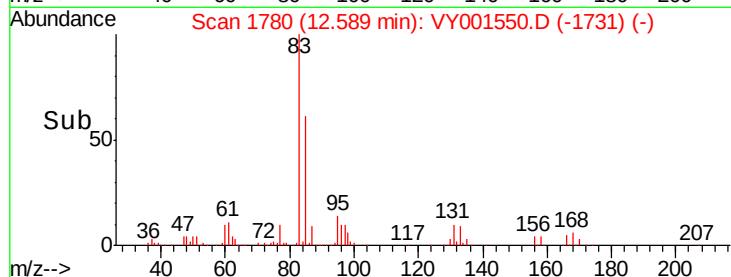
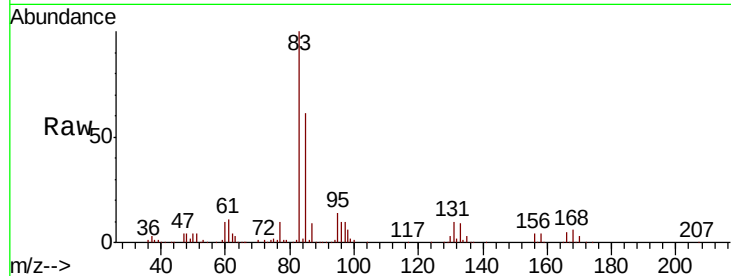
Tot Ion: 83 Resp: 116470

Ion Ratio Lower Upper

83 100

131 9.8 5.4 16.2

85 63.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 90.516 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY001550.D

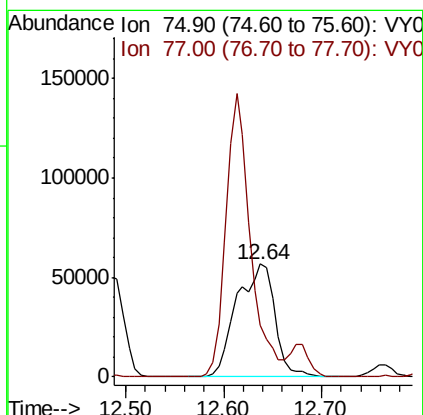
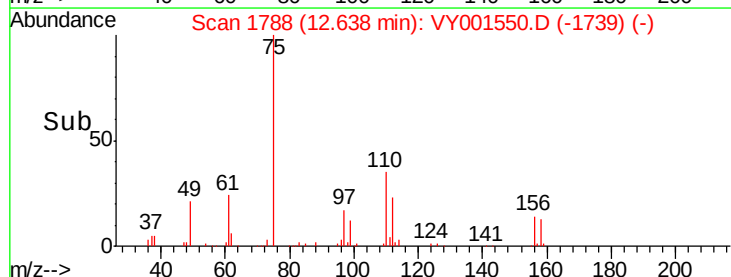
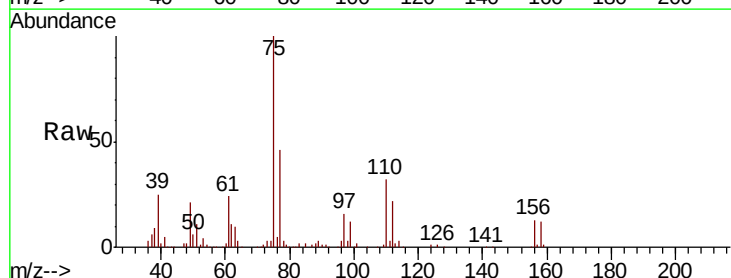
Acq: 07 Feb 2020 13:22

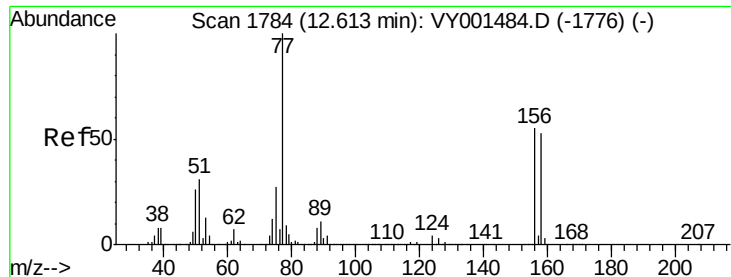
Tgt Ion: 75 Resp: 153167

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.749 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

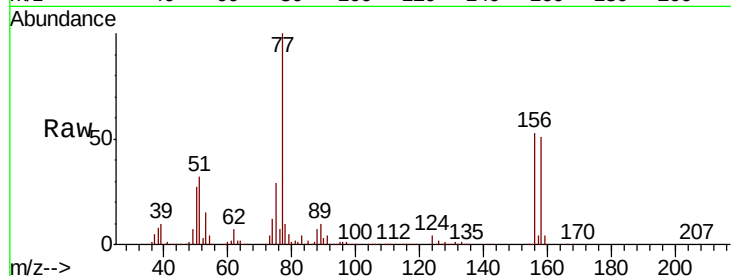
Tot Ion:156 Resp: 116220

Ion Ratio Lower Upper

156 100

77 214.8 99.8 299.3

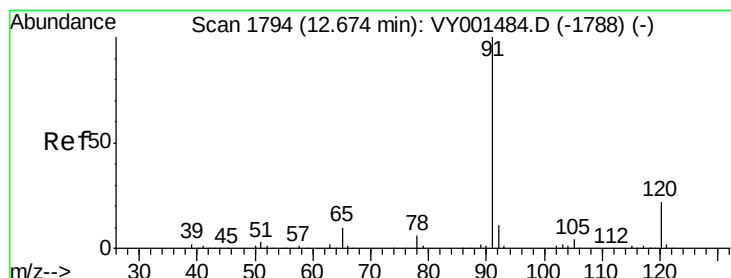
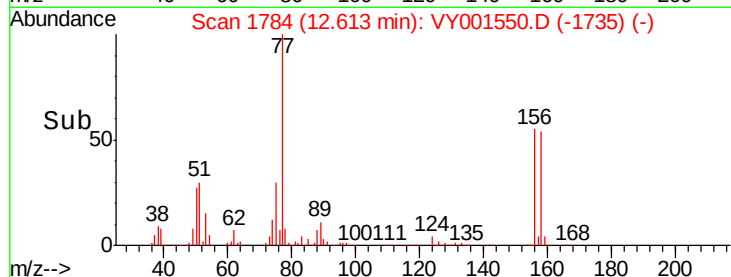
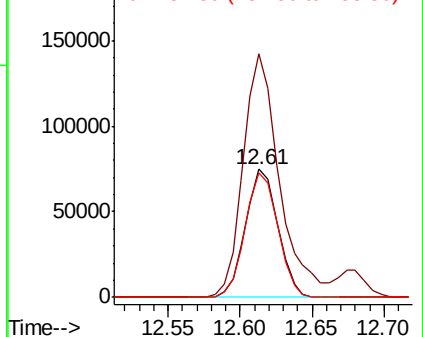
158 97.8 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.720 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY001550.D

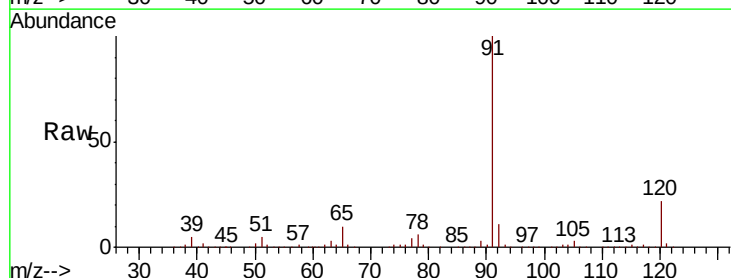
Acq: 07 Feb 2020 13:22

Tgt Ion: 91 Resp: 656858

Ion Ratio Lower Upper

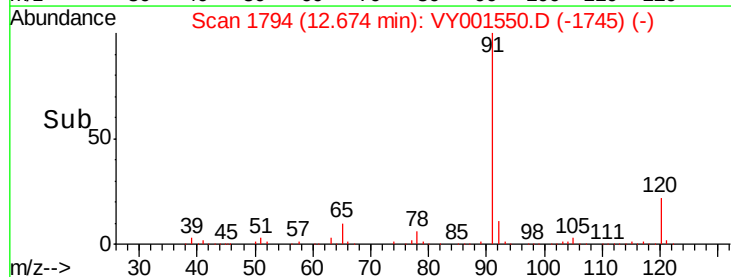
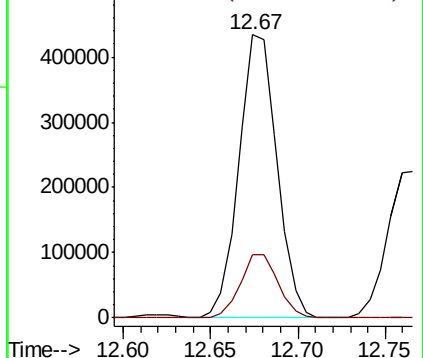
91 100

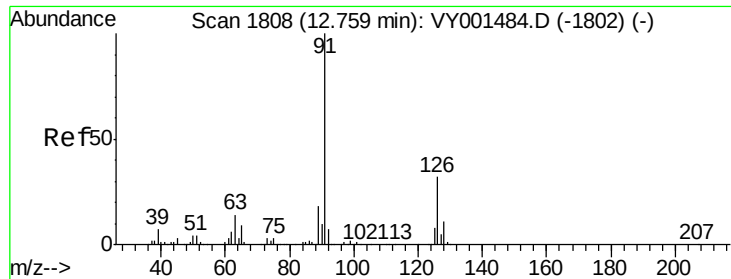
120 22.4 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

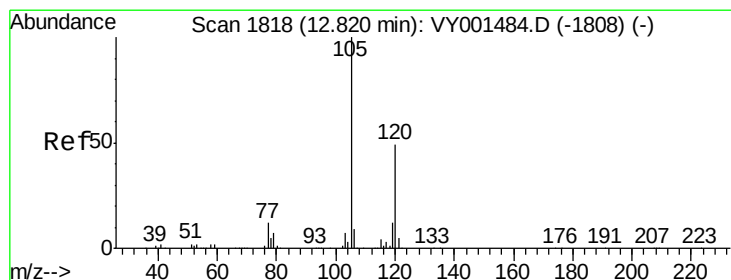
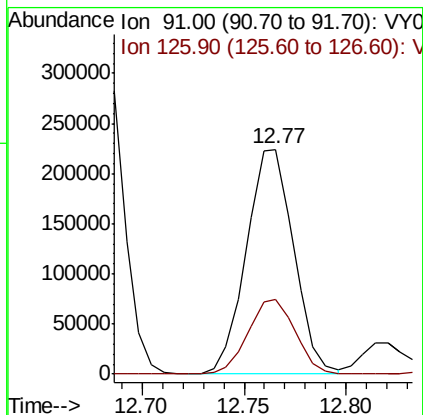
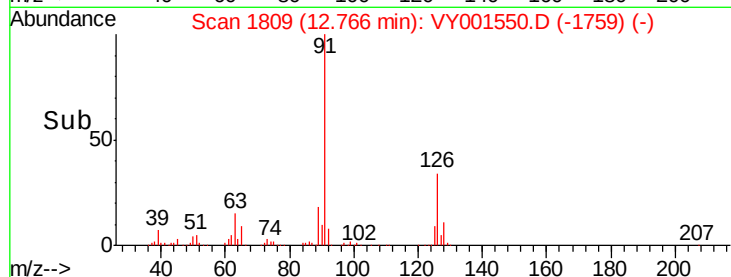
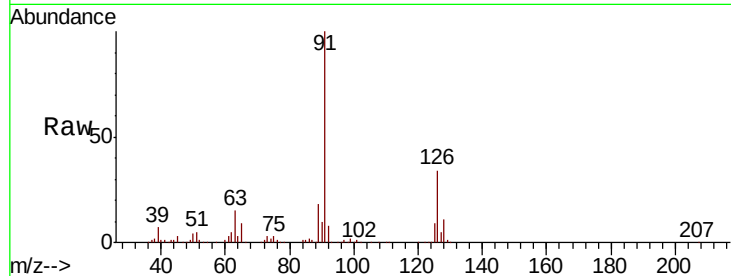




#79
 2-Chlorotoluene
 Concen: 44.282 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

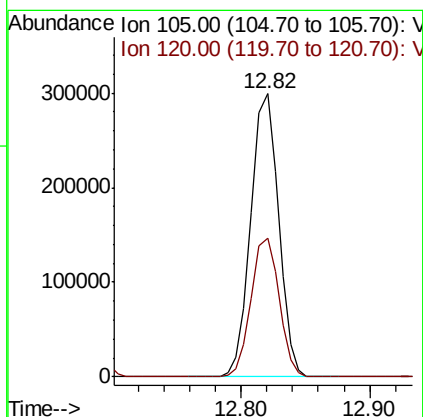
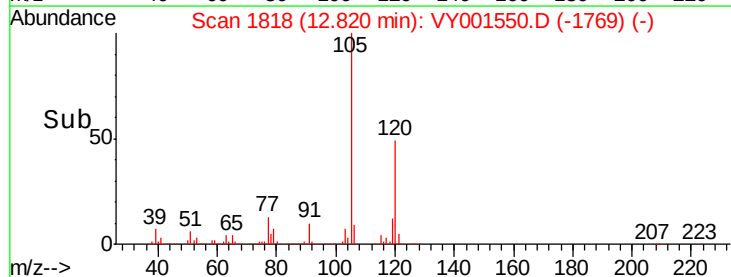
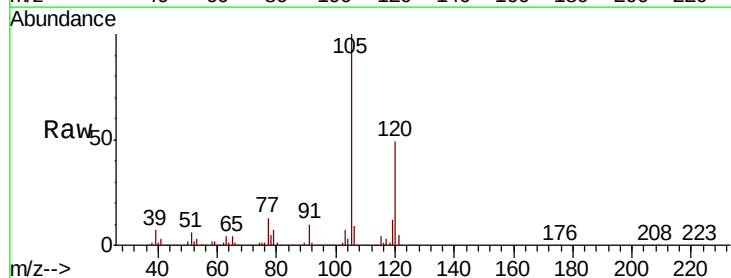
Instrument :
 MSVOA_Y
 ClientSampled :

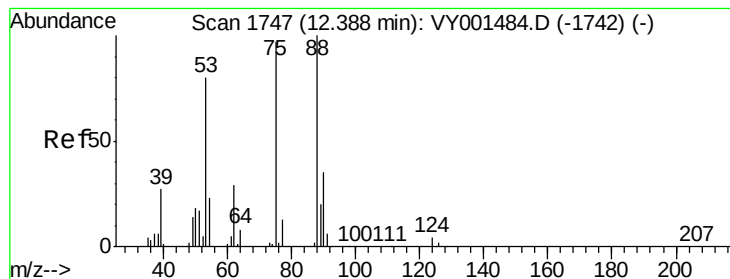
Tot Ion: 91 Resp: 362644
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 44.047 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion: 105 Resp: 445176
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 51.994 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

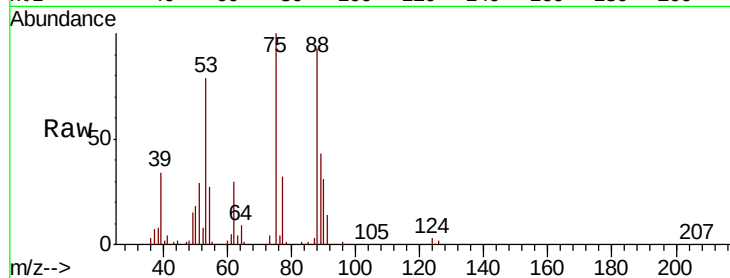
Tot Ion: 75 Resp: 45470

Ion Ratio Lower Upper

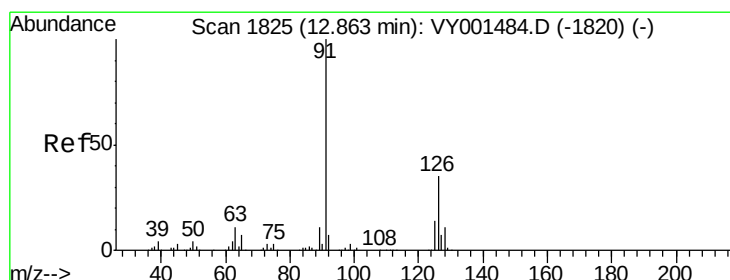
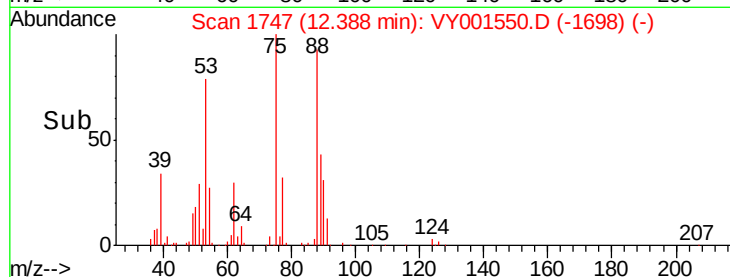
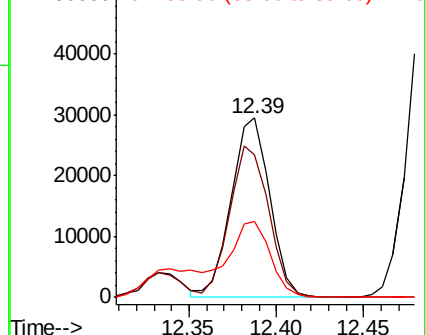
75 100

53 84.9 67.7 101.5

89 46.2 34.6 52.0



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



#82

4-Chlorotoluene

Concen: 44.756 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001550.D

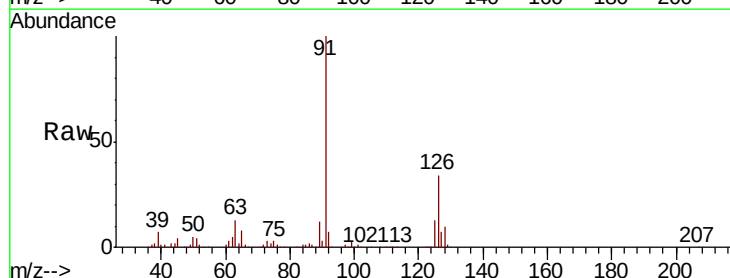
Acq: 07 Feb 2020 13:22

Tgt Ion: 91 Resp: 384291

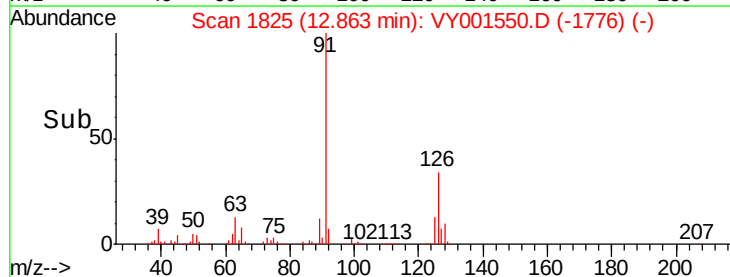
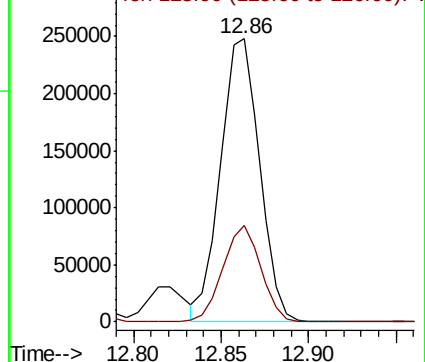
Ion Ratio Lower Upper

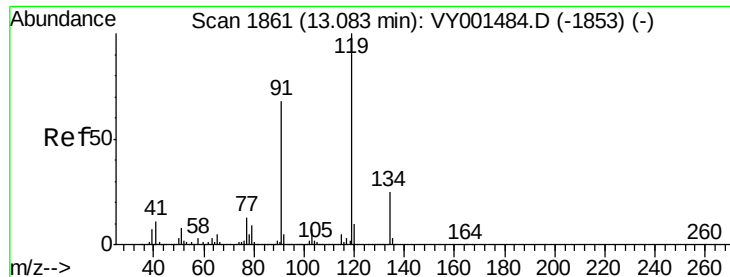
91 100

126 33.2 16.5 49.5



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

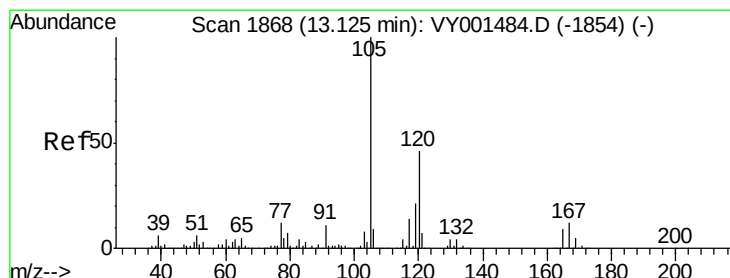
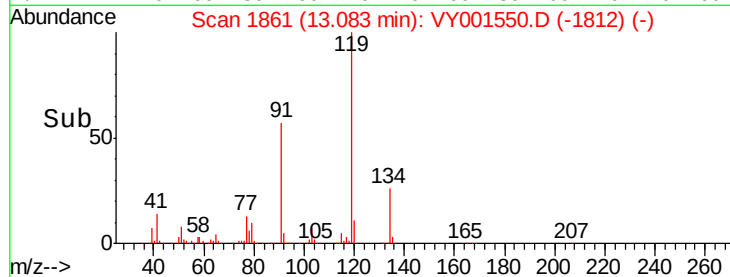
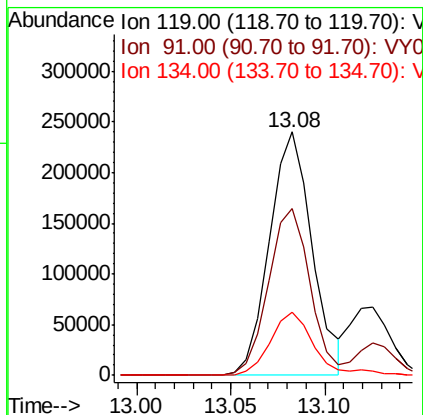
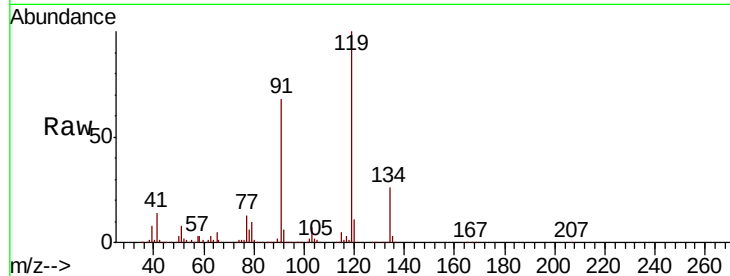




#83
 tert-Butylbenzene
 Concen: 44.201 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

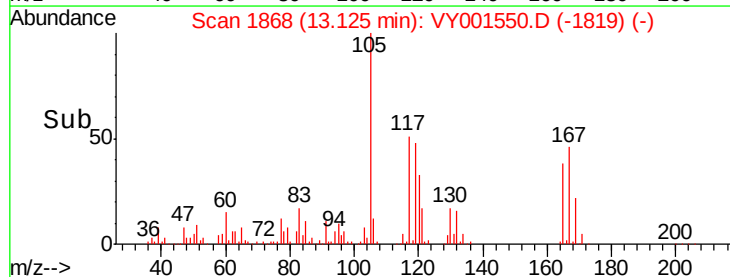
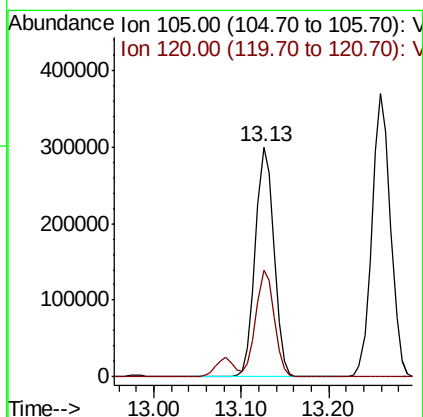
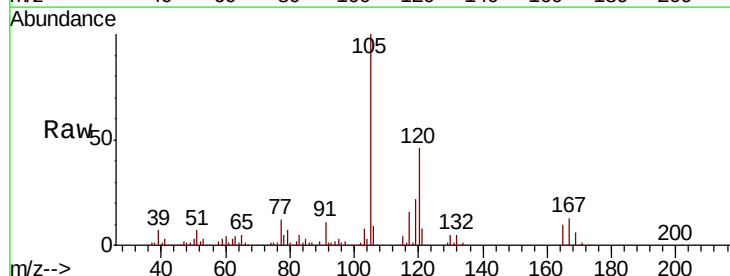
Instrument :
 MSVOA_Y
 ClientSampleId :

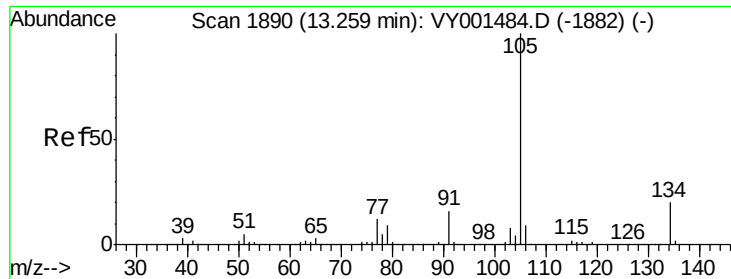
Tot Ion:119 Resp: 377610
 Ion Ratio Lower Upper
 119 100
 91 66.3 33.1 99.3
 134 26.9 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 44.319 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion:105 Resp: 443328
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.4 67.0





#85

sec-Butylbenzene

Concen: 45.665 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

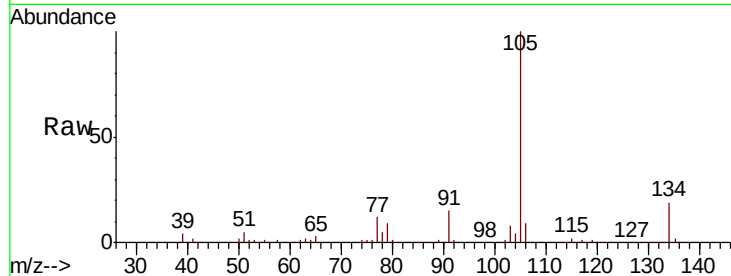
ClientSampleId :

Tot Ion:105 Resp: 548494

Ion Ratio Lower Upper

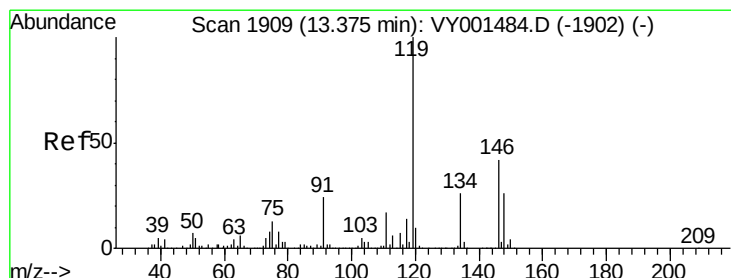
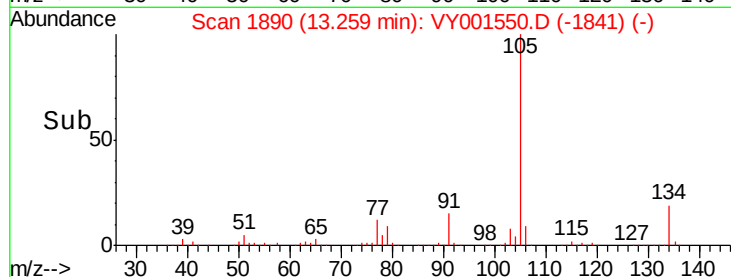
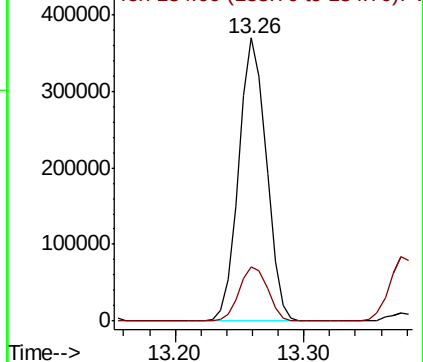
105 100

134 19.9 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.098 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

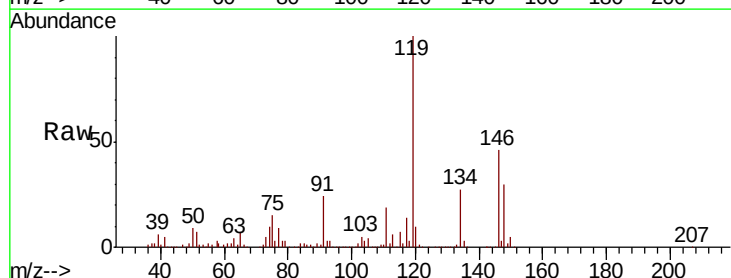
Tgt Ion:119 Resp: 477347

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

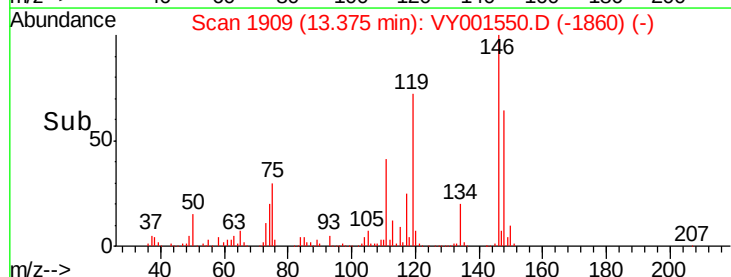
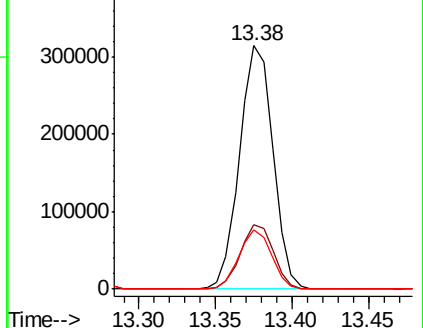
91 23.8 12.2 36.6

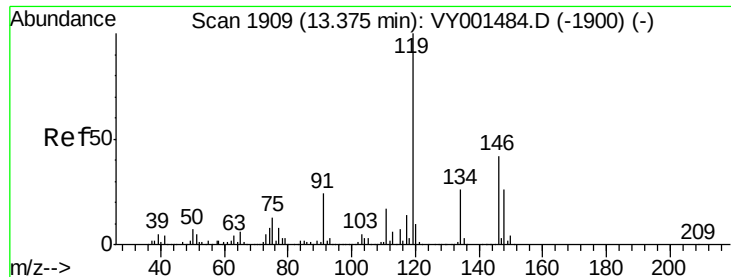


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

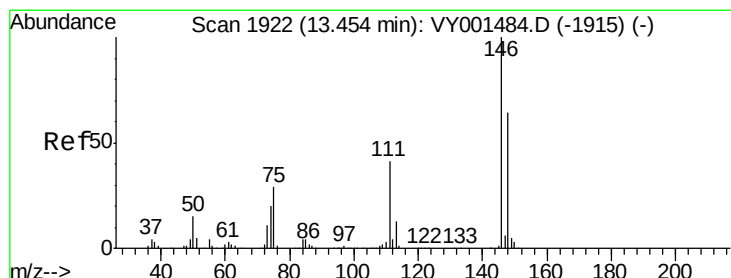
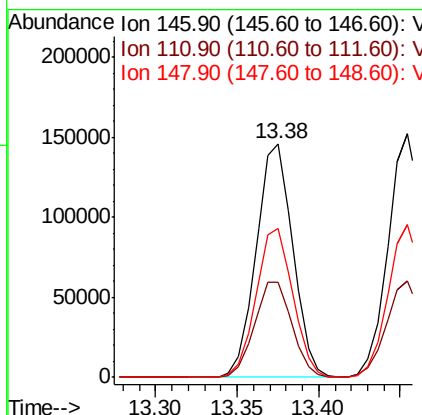
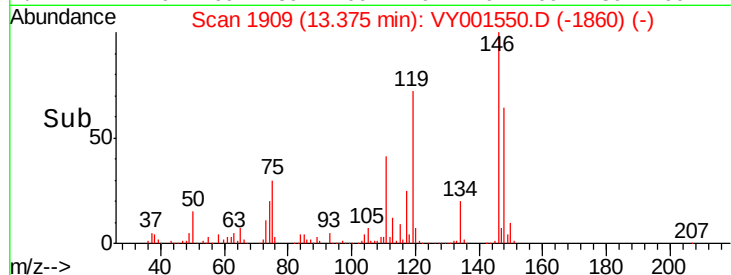
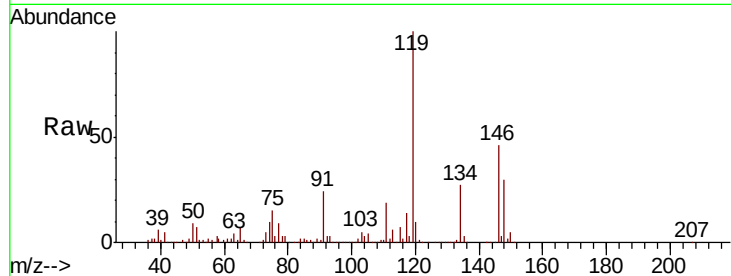




#87
 1,3-Dichlorobenzene
 Concen: 45.511 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

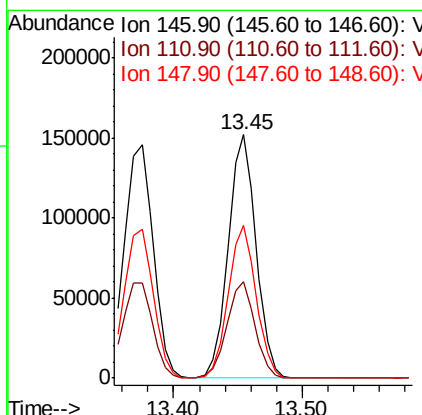
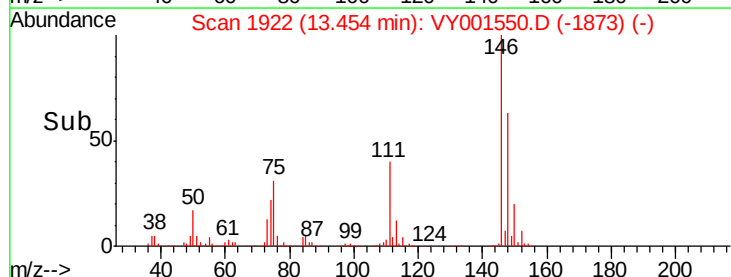
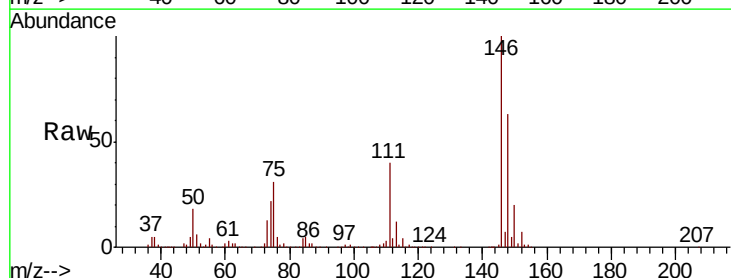
Instrument :
 MSVOA_Y
 ClientSampleId :

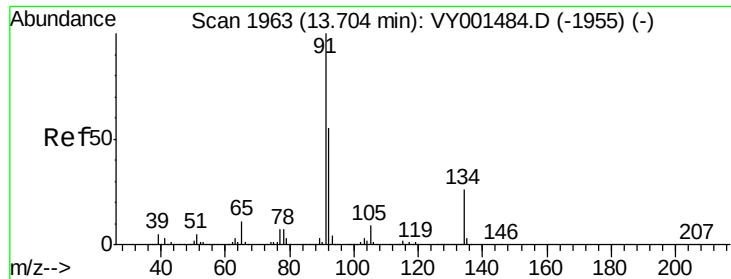
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	63.9
148	63.9	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 45.894 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.7	62.1
148	62.9	32.1	96.5





#89

n-Butylbenzene

Concen: 46.756 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

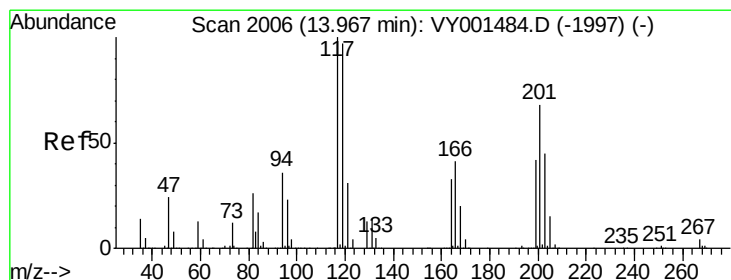
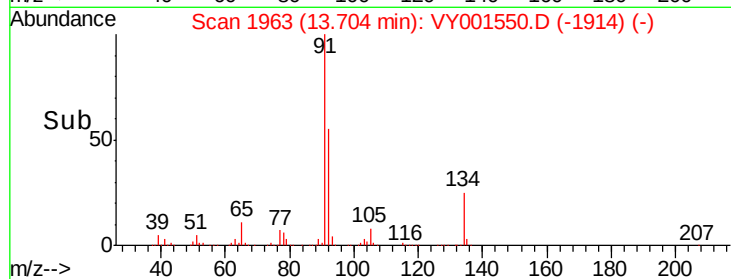
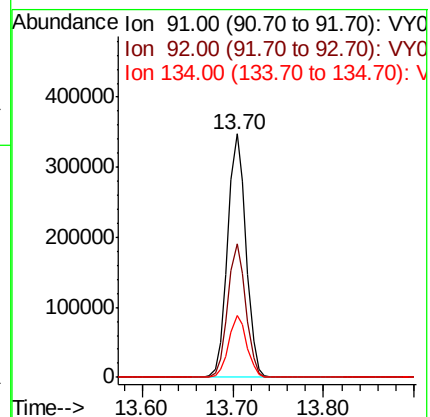
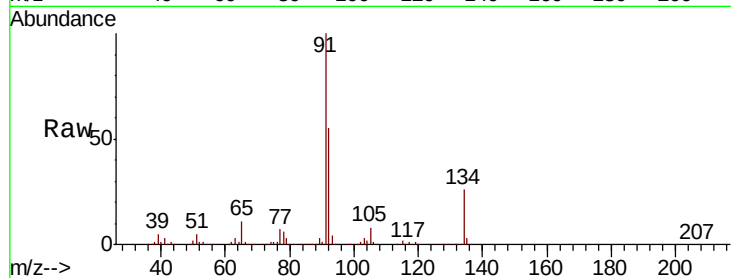
Tot Ion: 91 Resp: 488297

Ion Ratio Lower Upper

91 100

92 53.9 27.3 81.9

134 25.2 13.0 38.9



#90

Hexachloroethane

Concen: 44.796 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY001550.D

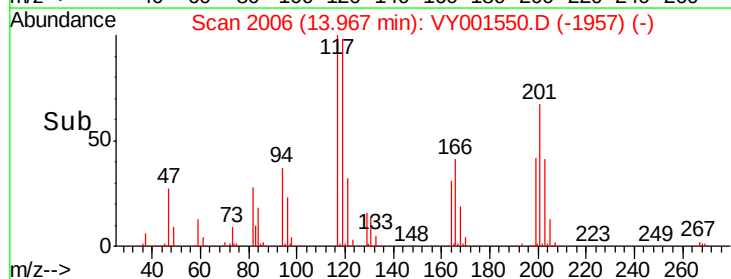
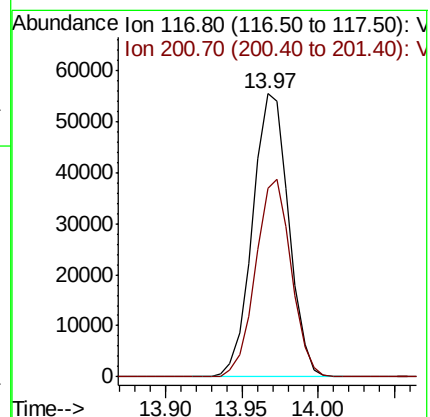
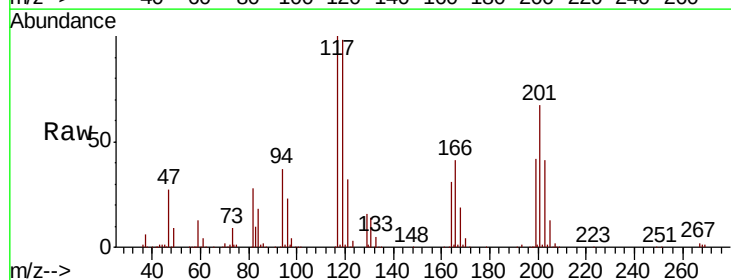
Acq: 07 Feb 2020 13:22

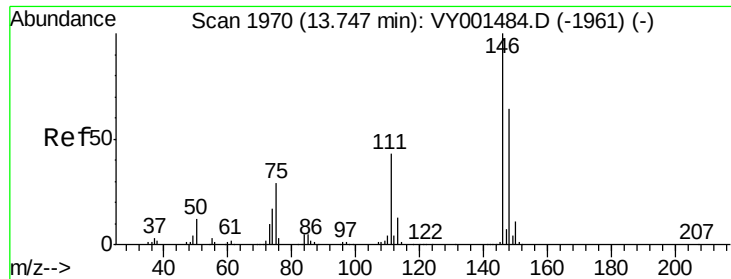
Tgt Ion: 117 Resp: 91005

Ion Ratio Lower Upper

117 100

201 69.0 34.1 102.3

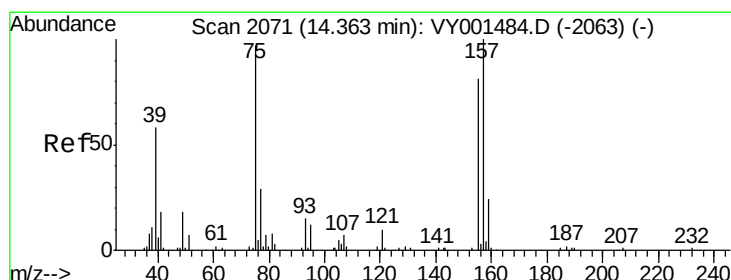
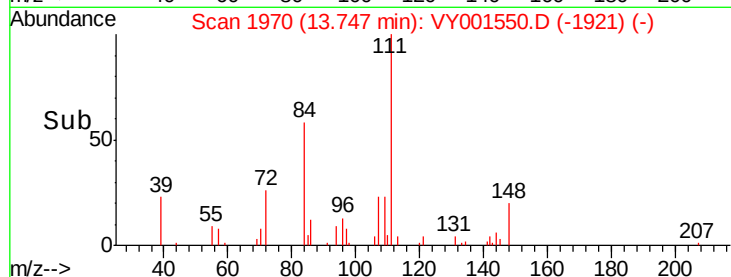
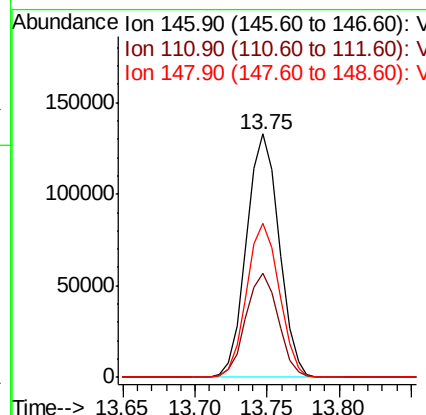
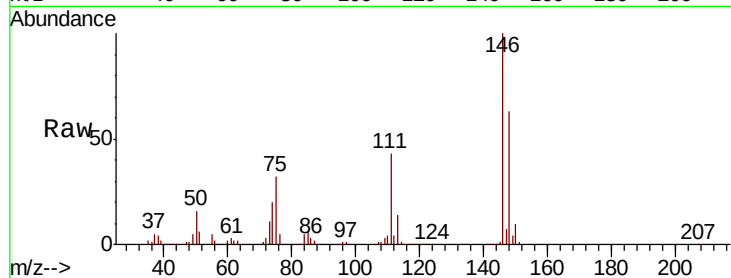




#91
 1,2-Dichlorobenzene
 Concen: 46.237 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

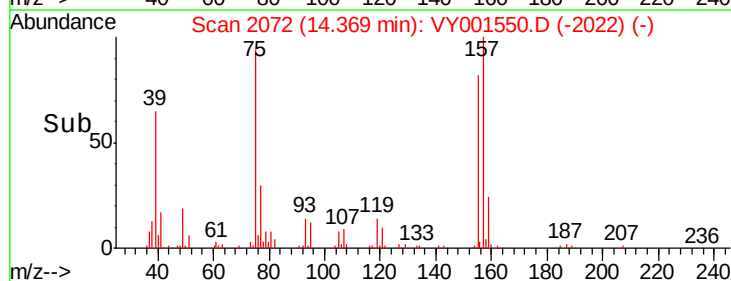
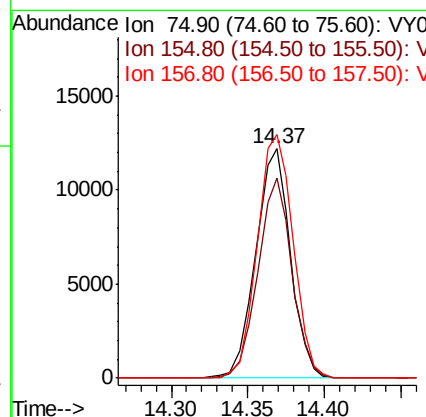
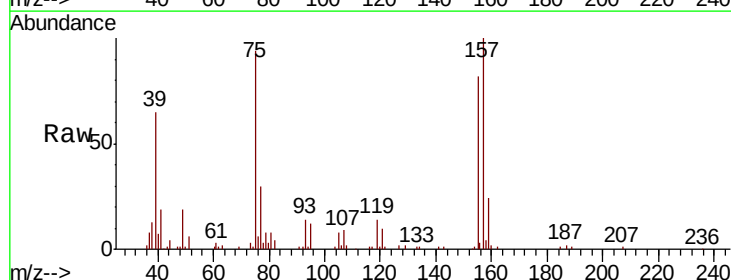
Instrument :
 MSVOA_Y
 ClientSampleId :

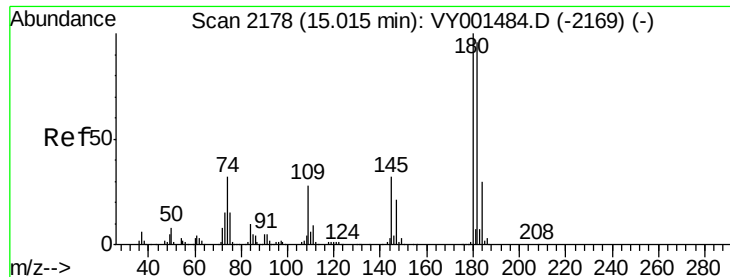
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.9	65.8
148	63.3	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.676 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.3	40.7	122.1
157	109.8	52.3	157.1

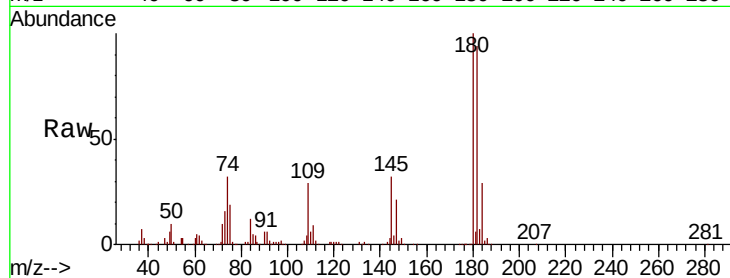




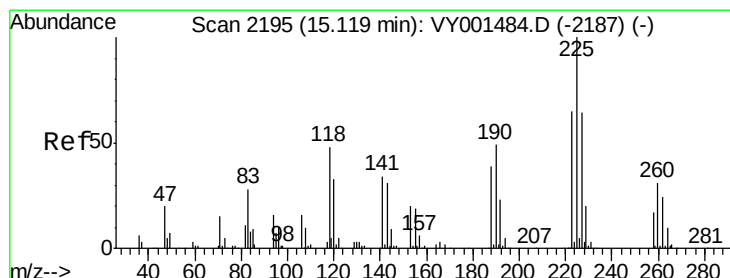
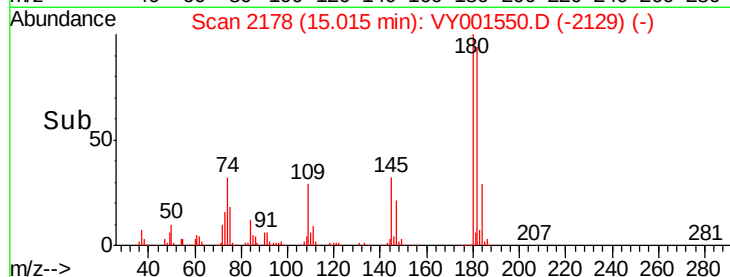
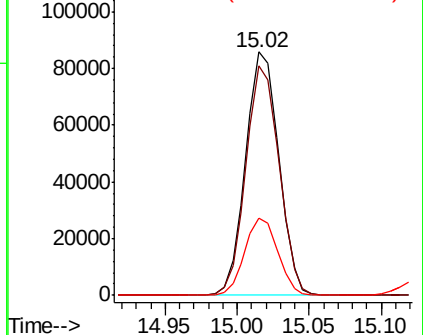
#93
 1,2,4-Trichlorobenzene
 Concen: 45.069 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:180 Resp: 136990
 Ion Ratio Lower Upper
 180 100
 182 94.1 46.9 140.7
 145 31.6 16.8 50.3

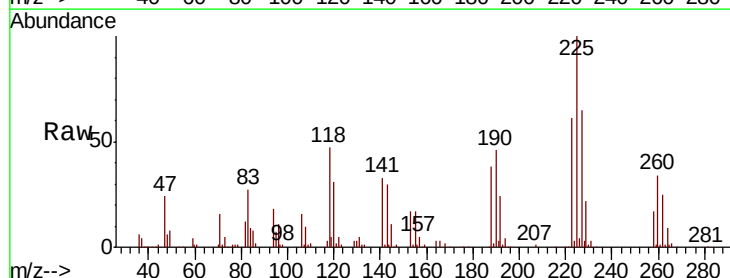


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

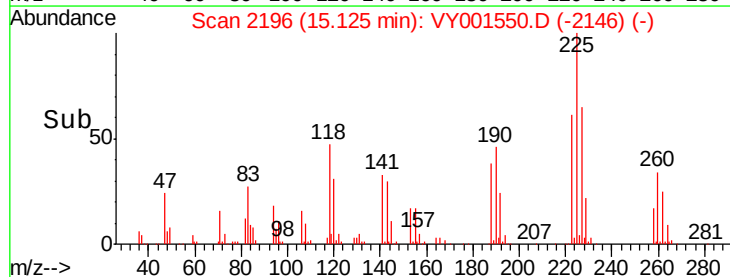
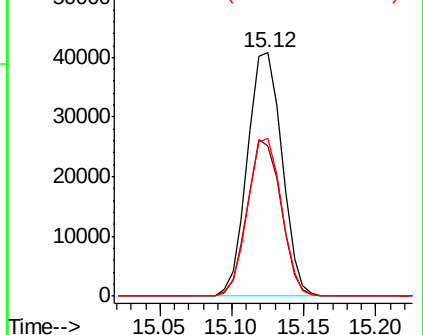


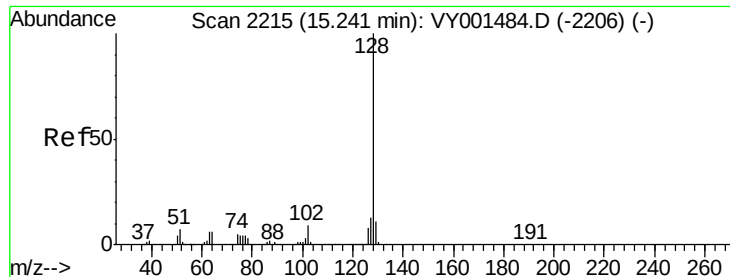
#94
 Hexachlorobutadiene
 Concen: 43.845 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion:225 Resp: 67639
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.9 95.7
 227 63.5 32.6 97.7



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

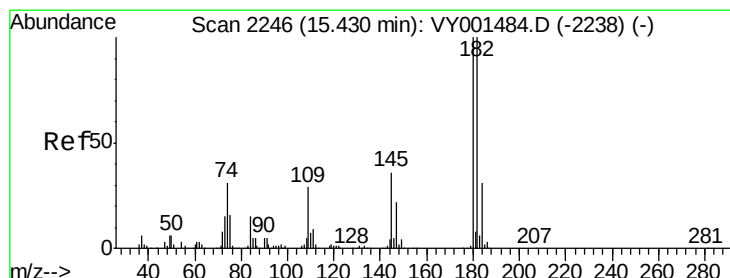
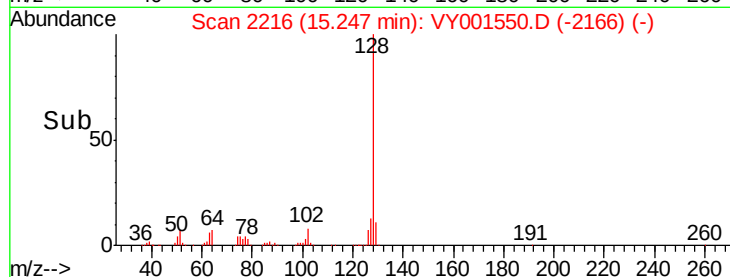
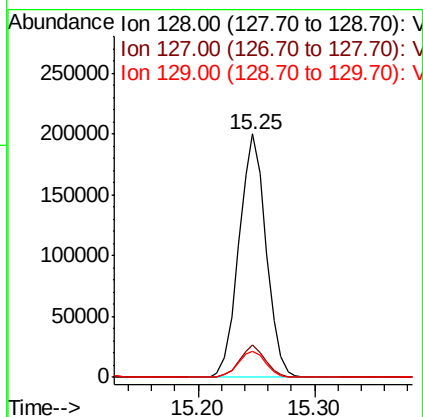
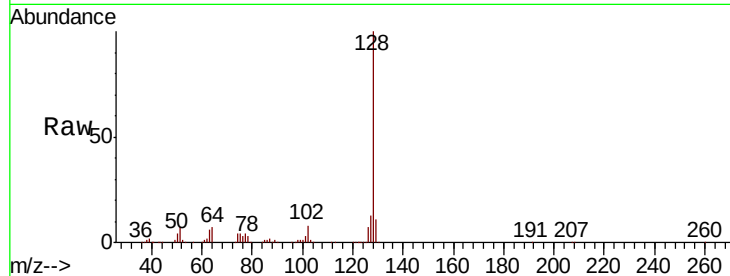




#95
Naphthalene
Concen: 45.330 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 323816
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 44.618 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion:180 Resp: 119714
Ion Ratio Lower Upper
180 100
182 95.9 48.0 144.2
145 34.4 17.8 53.5

