

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020320\
 Data File : VY001465.D
 Acq On : 03 Feb 2020 11:47
 Operator : SY/MD
 Sample : VY0203SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

Quant Time: Feb 03 13:17:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	185352	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	324294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	290090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	140823	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	101842	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
35) Dibromofluoromethane	7.74	113	95808	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.19	98	381961	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.49	95	142638	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	31279	21.40	ug/l	99
3) Chloromethane	2.13	50	48649	22.02	ug/l	93
4) Vinyl Chloride	2.27	62	49126	21.33	ug/l	92
5) Bromomethane	2.66	94	32923	21.22	ug/l	98
6) Chloroethane	2.81	64	31969	21.72	ug/l	95
7) Trichlorofluoromethane	3.15	101	67529	22.91	ug/l	95
8) Diethyl Ether	3.55	74	26655	21.42	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.92	101	43565	23.21	ug/l	98
10) Methyl Iodide	4.12	142	49464	19.98	ug/l	99
11) Tert butyl alcohol	4.99	59	32495	117.91	ug/l	96
12) 1,1-Dichloroethene	3.90	96	44082	22.40	ug/l	98
13) Acrolein	3.75	56	17771	111.65	ug/l	99
14) Allyl chloride	4.50	41	79674	22.70	ug/l	97
15) Acrylonitrile	5.20	53	72022	113.09	ug/l	100
16) Acetone	3.97	43	68216	124.59	ug/l	97
17) Carbon Disulfide	4.22	76	134328	21.70	ug/l	98
18) Methyl Acetate	4.50	43	37072	21.80	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	125743	21.82	ug/l	97
20) Methylene Chloride	4.74	84	56185	20.02	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	49983	21.87	ug/l	98
22) Diisopropyl ether	6.15	45	163665	21.96	ug/l	94
23) Vinyl Acetate	6.09	43	538143	111.23	ug/l	99
24) 1,1-Dichloroethane	6.05	63	87154	22.19	ug/l	98
25) 2-Butanone	7.02	43	103006	117.34	ug/l	98
26) 2,2-Dichloropropane	7.01	77	77866	22.25	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	56232	22.01	ug/l	97
28) Bromochloromethane	7.36	49	31133	19.22	ug/l	98
29) Tetrahydrofuran	7.37	42	63071	110.43	ug/l	99
30) Chloroform	7.53	83	84908	22.05	ug/l	99
31) Cyclohexane	7.80	56	86954	22.30	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	73778	22.69	ug/l	98
36) 1,1-Dichloropropene	7.94	75	69111	22.56	ug/l	99
37) Ethyl Acetate	7.10	43	42792	22.86	ug/l	99
38) Carbon Tetrachloride	7.92	117	62615	22.93	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	90218	22.99	ug/l	98
40) Benzene	8.18	78	205188	22.34	ug/l	99
41) Methacrylonitrile	7.37	41	57574	59.60	ug/l #	100
42) 1,2-Dichloroethane	8.26	62	56677	22.08	ug/l	99
43) Isopropyl Acetate	8.29	43	82915	22.78	ug/l	99
44) Trichloroethene	8.96	130	52875	22.43	ug/l	97
45) 1,2-Dichloropropane	9.24	63	51794	22.30	ug/l	100
46) Dibromomethane	9.32	93	27898	22.38	ug/l	95
47) Bromodichloromethane	9.51	83	66682	22.37	ug/l	97
48) Methyl methacrylate	9.31	41	36975	22.35	ug/l	98
49) 1,4-Dioxane	9.31	88	7724	439.33	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	211386	112.77	ug/l	100
52) Toluene	10.25	92	129824	22.29	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	74342	22.50	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	85079	22.44	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	40244	21.87	ug/l	95
56) Ethyl methacrylate	10.52	69	62332	22.41	ug/l	99
57) 1,3-Dichloropropane	10.80	76	73068	22.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	108660	112.90	ug/l	98
59) 2-Hexanone	10.85	43	153749	117.82	ug/l	100
60) Dibromochloromethane	11.00	129	45008	21.87	ug/l	100
61) 1,2-Dibromoethane	11.10	107	38866	22.34	ug/l	97
64) Tetrachloroethene	10.73	164	41508	22.40	ug/l	95
65) Chlorobenzene	11.53	112	137223	22.44	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	46864	22.46	ug/l	99
67) Ethyl Benzene	11.60	91	253454	22.49	ug/l	99
68) m/p-Xylenes	11.71	106	191428	45.48	ug/l	97
69) o-Xylene	12.04	106	89878	22.20	ug/l	100
70) Styrene	12.05	104	155953	21.95	ug/l	99
71) Bromoform	12.22	173	27165	21.81	ug/l #	99
73) Isopropylbenzene	12.34	105	244185	21.97	ug/l	99
74) N-amyl acetate	12.15	43	78650	21.62	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	52340	21.99	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	67841	39.98	ug/l #	100
77) Bromobenzene	12.62	156	52746	21.43	ug/l	98
78) n-propylbenzene	12.68	91	295734	22.11	ug/l	100
79) 2-Chlorotoluene	12.77	91	167054	21.86	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	204071	22.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	19615	21.87	ug/l	97
82) 4-Chlorotoluene	12.86	91	173921	21.31	ug/l	99
83) tert-Butylbenzene	13.08	119	172013	22.00	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	204771	21.99	ug/l	98
85) sec-Butylbenzene	13.26	105	249184	22.43	ug/l	99
86) p-Isopropyltoluene	13.38	119	220014	22.47	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	105124	22.18	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	104767	21.77	ug/l	98
89) n-Butylbenzene	13.70	91	222745	22.61	ug/l	100
90) Hexachloroethane	13.97	117	41044	22.12	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	95667	21.88	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	8985	21.88	ug/l	96

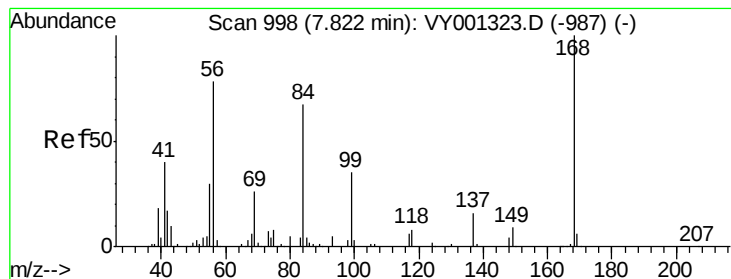
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY020320\
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Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	62734	21.38	ug/l	99
94) Hexachlorobutadiene	15.12	225	31044	21.73	ug/l	97
95) Naphthalene	15.25	128	146526	21.84	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	55676	21.63	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

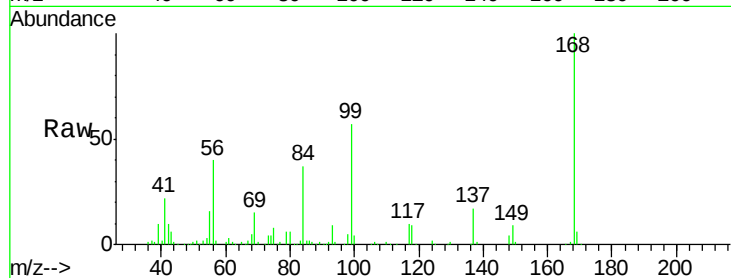
VY0203SBS01

Tgt Ion:168 Resp: 185352

Ion Ratio Lower Upper

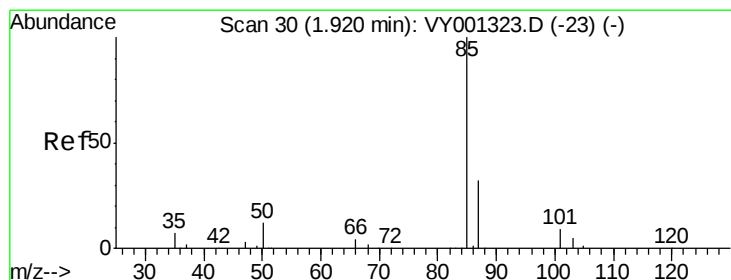
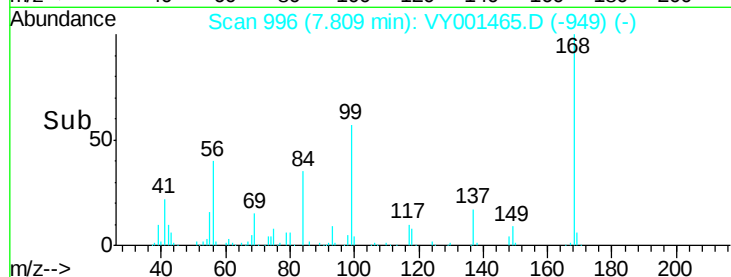
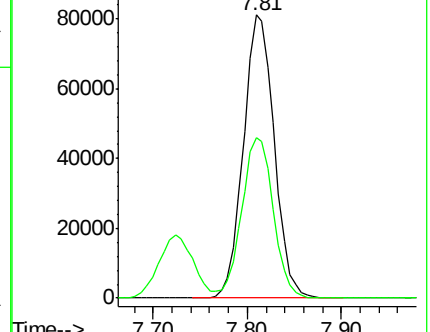
168 100

99 56.7 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 21.40 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001465.D

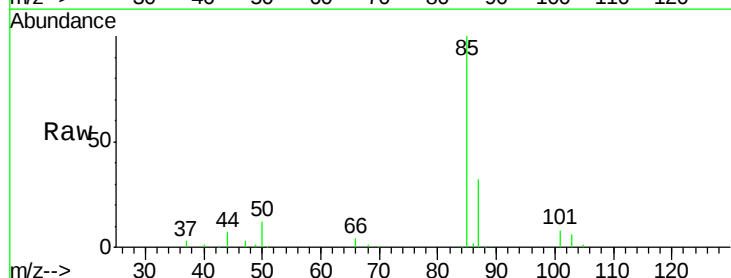
Acq: 03 Feb 2020 11:47

Tgt Ion: 85 Resp: 31279

Ion Ratio Lower Upper

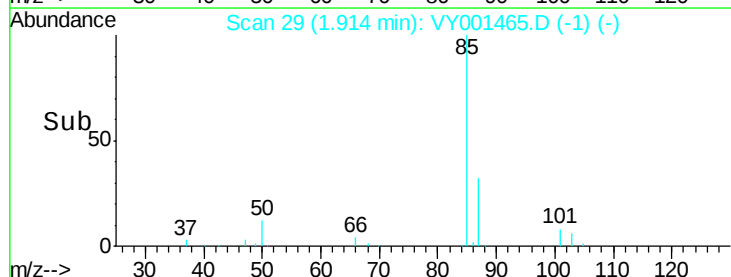
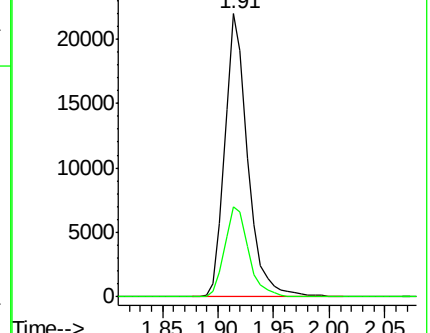
85 100

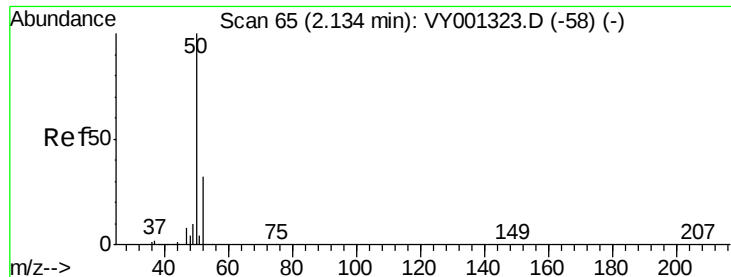
87 31.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)





#3

Chloromethane

Concen: 22.02 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

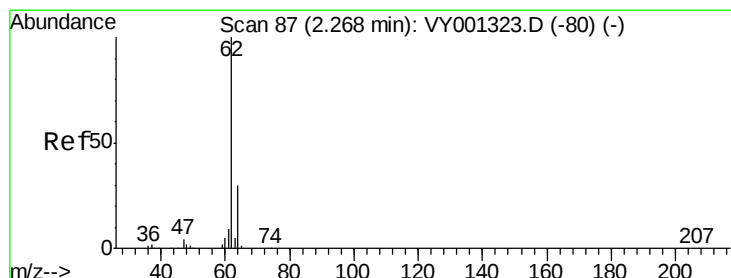
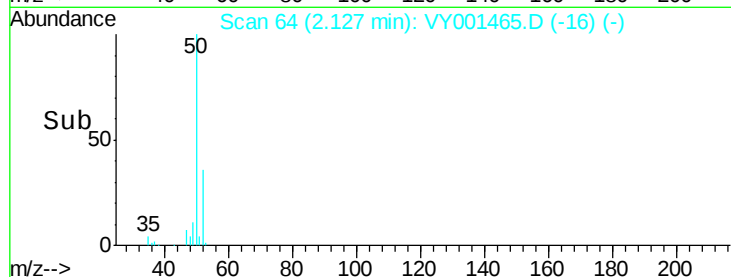
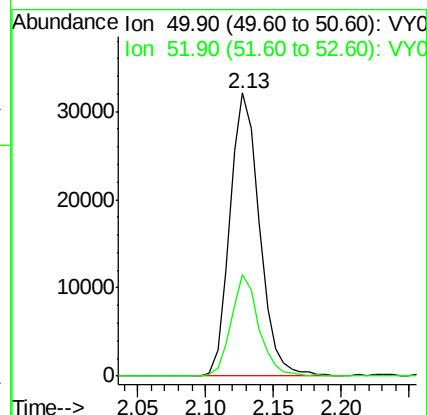
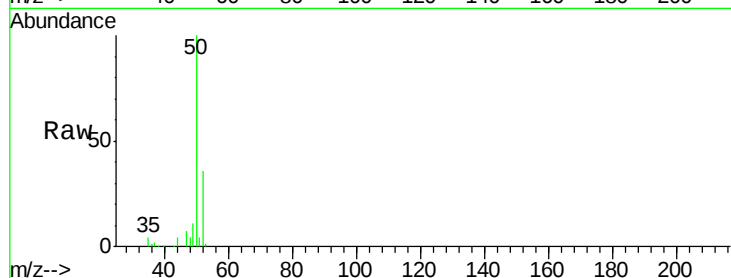
VY0203SBS01

Tgt Ion: 50 Resp: 48649

Ion Ratio Lower Upper

50 100

52 36.0 25.7 38.5



#4

Vinyl Chloride

Concen: 21.33 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001465.D

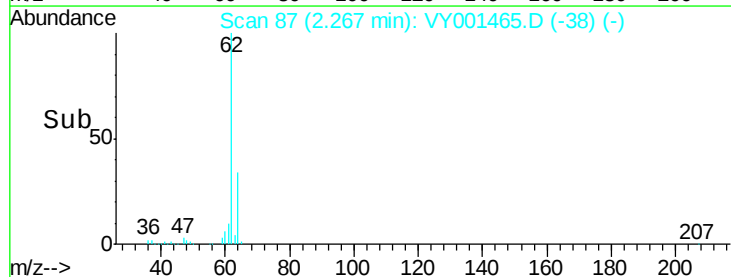
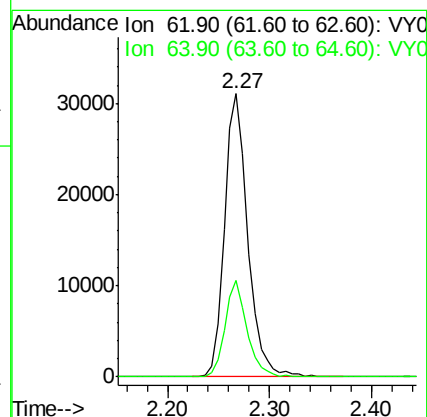
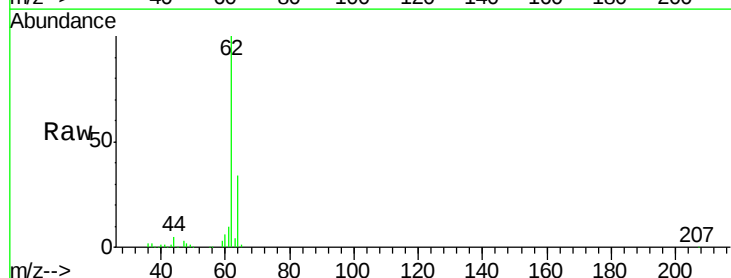
Acq: 03 Feb 2020 11:47

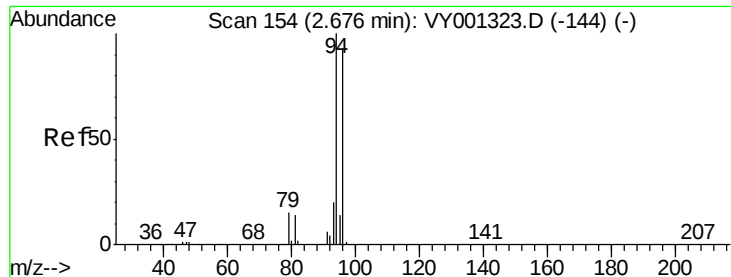
Tgt Ion: 62 Resp: 49126

Ion Ratio Lower Upper

62 100

64 34.1 23.9 35.9





#5

Bromomethane

Concen: 21.22 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.02 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

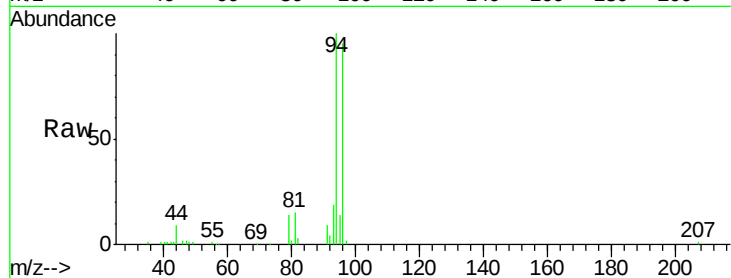
VY0203SBS01

Tgt Ion: 94 Resp: 32923

Ion Ratio Lower Upper

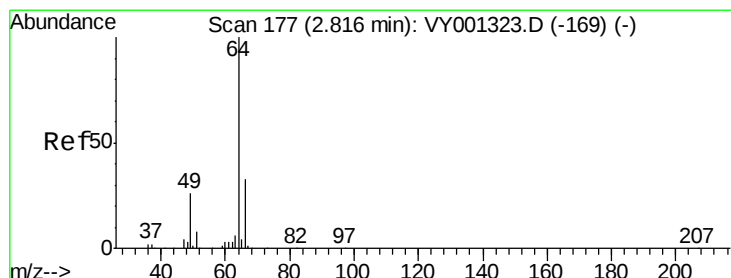
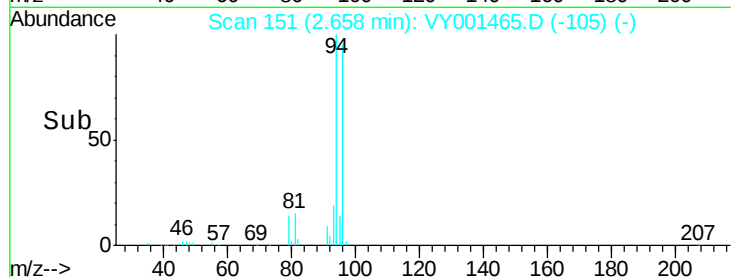
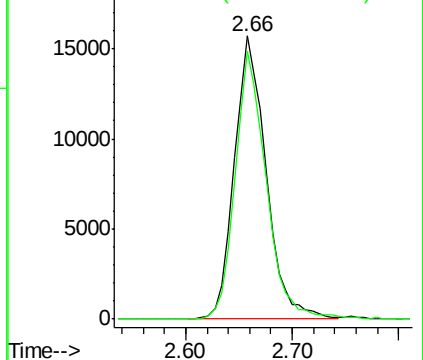
94 100

96 94.7 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.72 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY001465.D

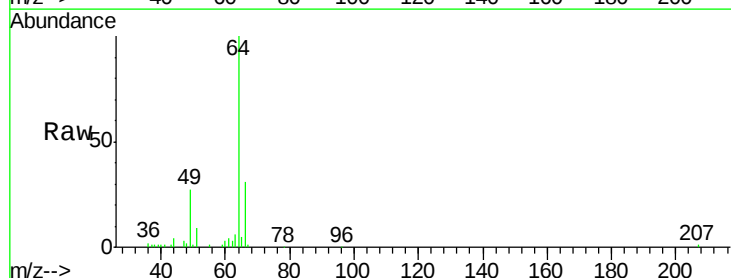
Acq: 03 Feb 2020 11:47

Tgt Ion: 64 Resp: 31969

Ion Ratio Lower Upper

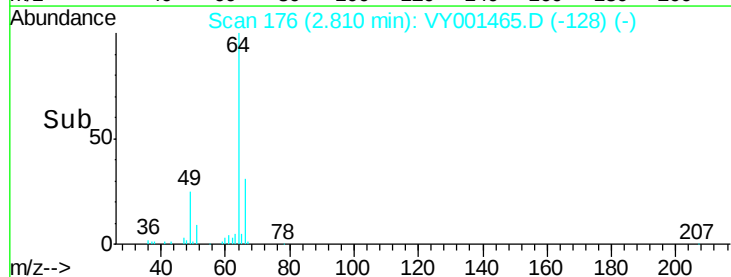
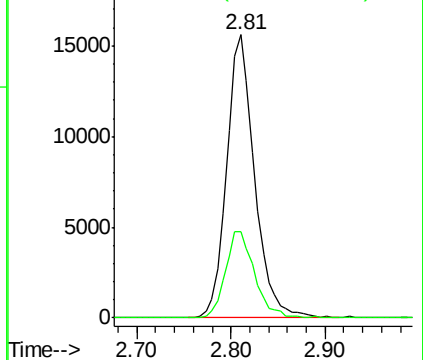
64 100

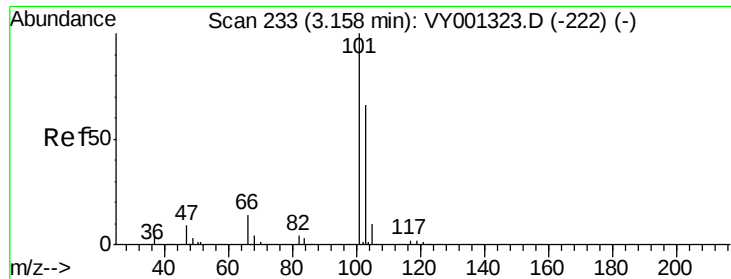
66 30.5 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



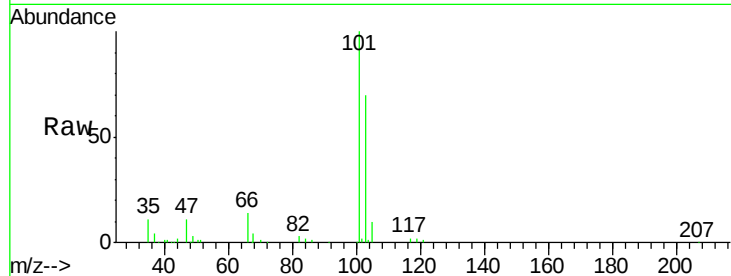


#7

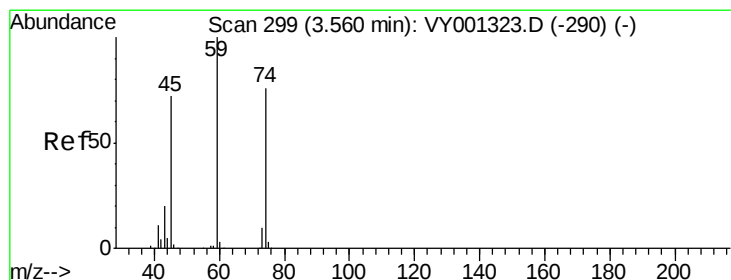
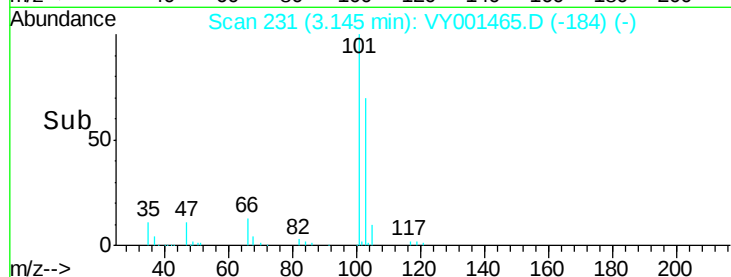
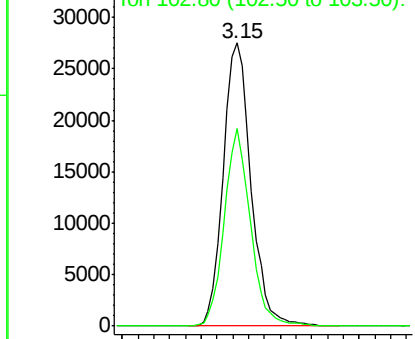
Trichlorofluoromethane
Concen: 22.91 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.01 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tgt Ion:101 Resp: 67529
Ion Ratio Lower Upper
101 100
103 69.9 52.5 78.7



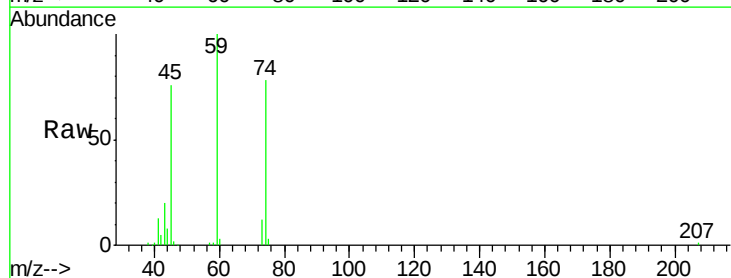
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



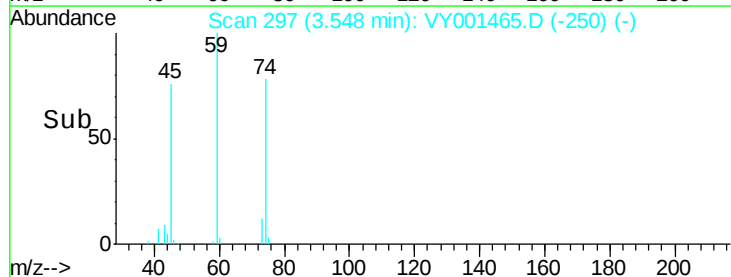
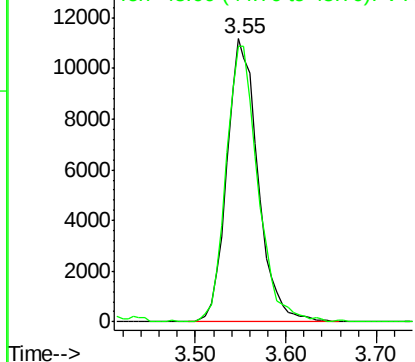
#8

Diethyl Ether
Concen: 21.42 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Tgt Ion: 74 Resp: 26655
Ion Ratio Lower Upper
74 100
45 99.5 47.2 141.6



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: 23.21 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.02 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

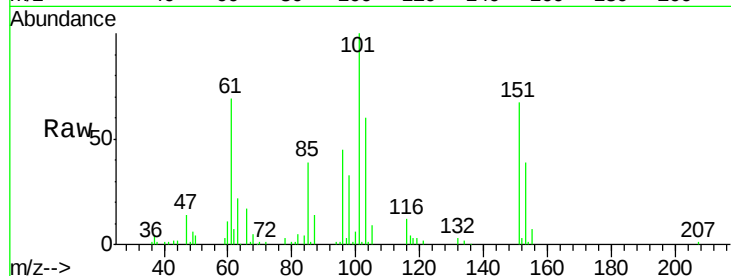
Tgt Ion:101 Resp: 43565

Ion Ratio Lower Upper

101 100

85 43.2 34.9 52.3

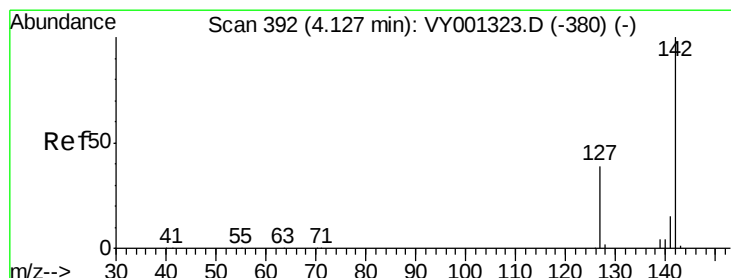
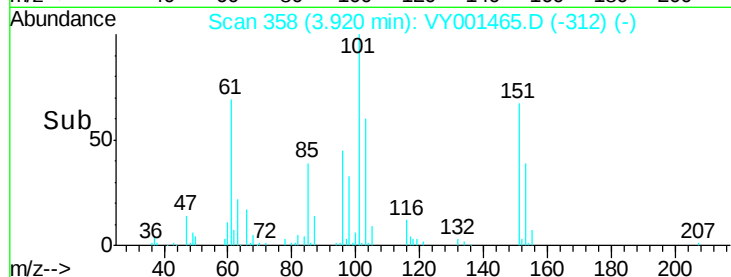
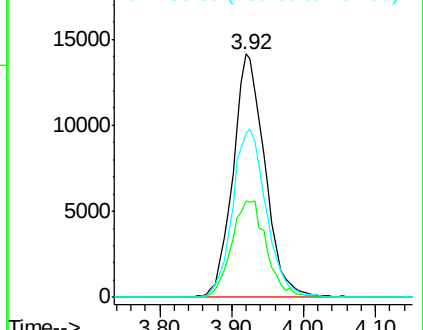
151 72.8 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.98 ug/l

RT: 4.12 min Scan# 391

Delta R.T. -0.01 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

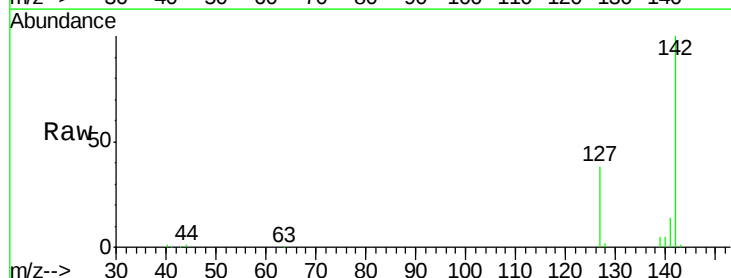
Tgt Ion:142 Resp: 49464

Ion Ratio Lower Upper

142 100

127 40.2 31.6 47.4

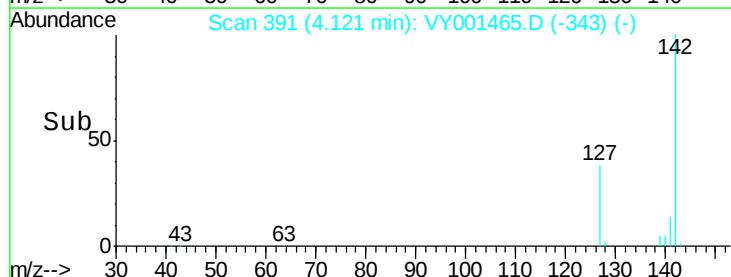
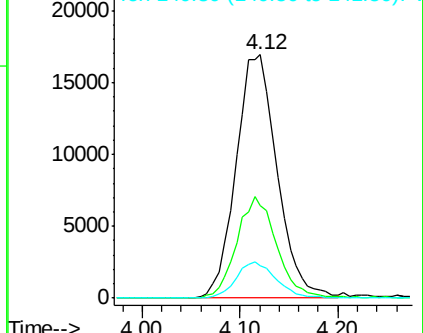
141 14.5 11.2 16.8

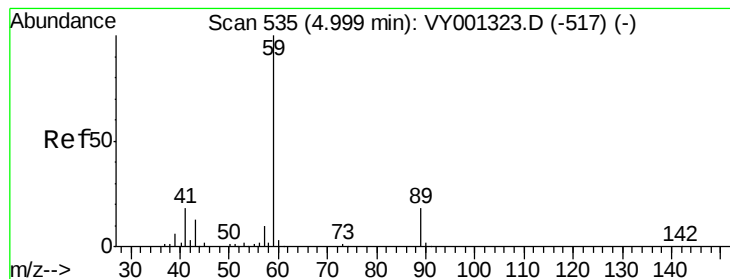


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 117.91 ug/l

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

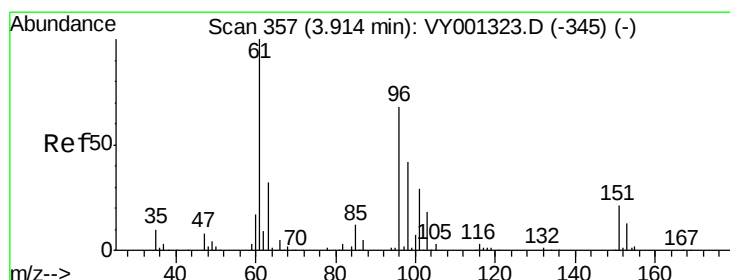
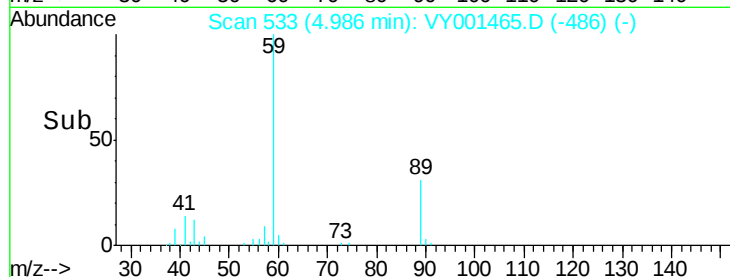
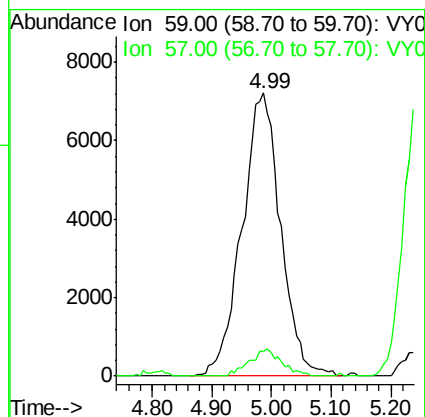
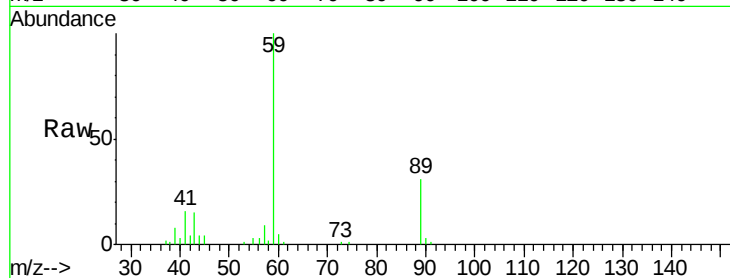
VY0203SBS01

Tgt Ion: 59 Resp: 32495

Ion Ratio Lower Upper

59 100

57 8.0 7.4 11.2



#12

1,1-Dichloroethene

Concen: 22.40 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.02 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

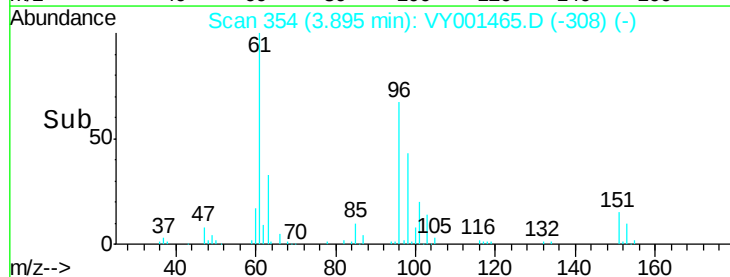
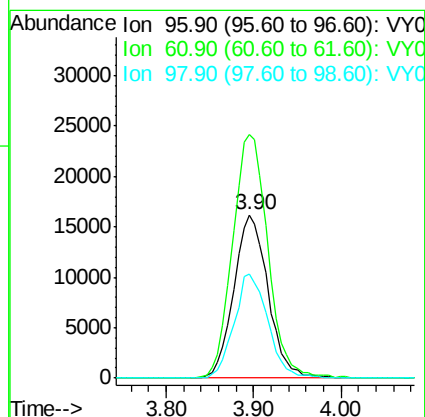
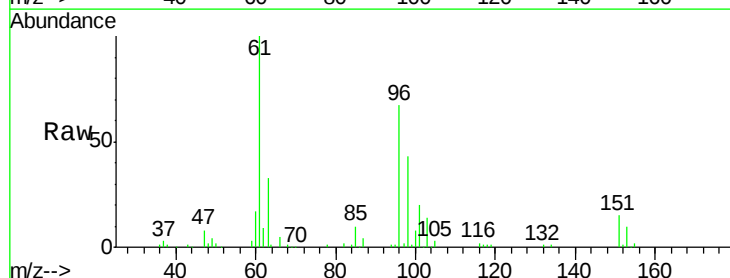
Tgt Ion: 96 Resp: 44082

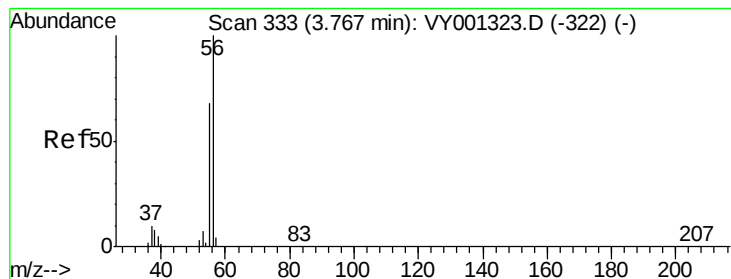
Ion Ratio Lower Upper

96 100

61 149.4 118.0 177.0

98 63.5 49.4 74.2





#13

Acrolein

Concen: 111.65 ug/l

RT: 3.75 min Scan# 331

Delta R.T. -0.01 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

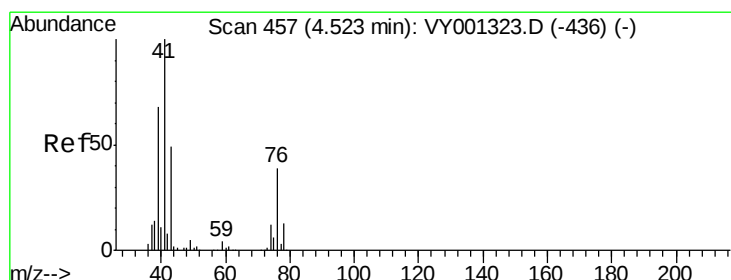
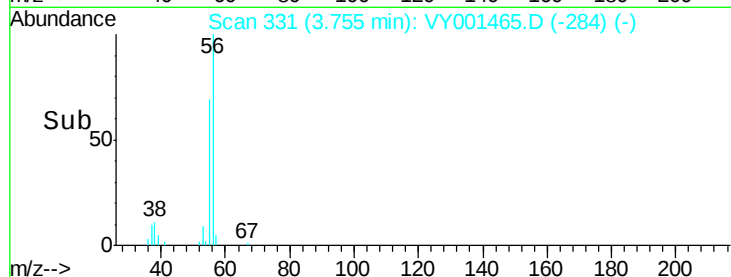
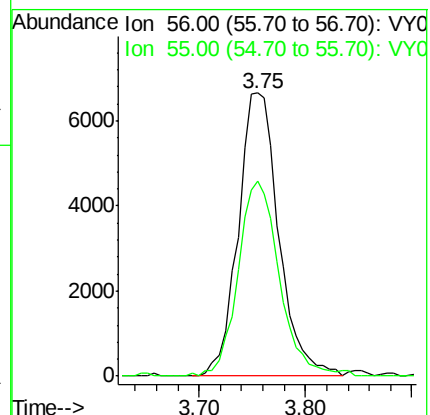
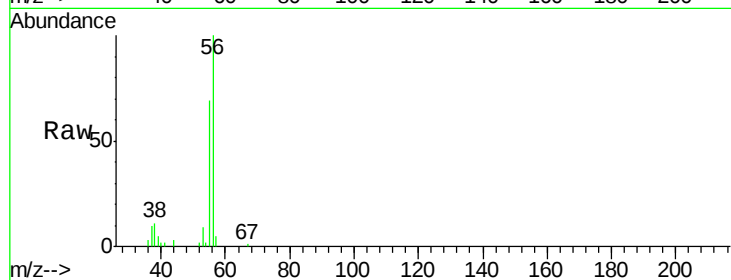
VY0203SBS01

Tgt Ion: 56 Resp: 17771

Ion Ratio Lower Upper

56 100

55 70.3 55.9 83.9



#14

Allyl chloride

Concen: 22.70 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.02 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

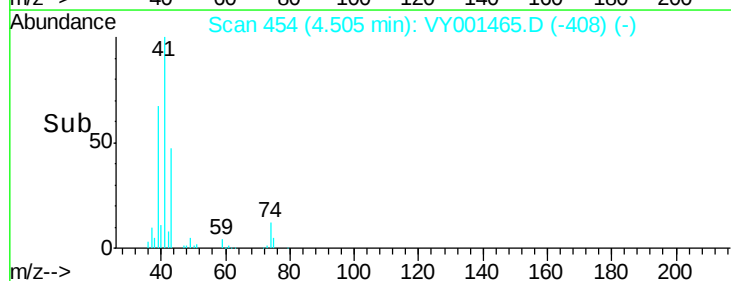
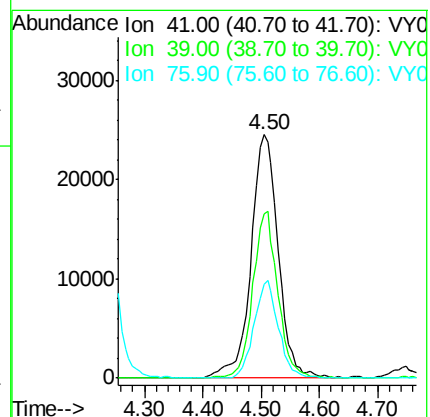
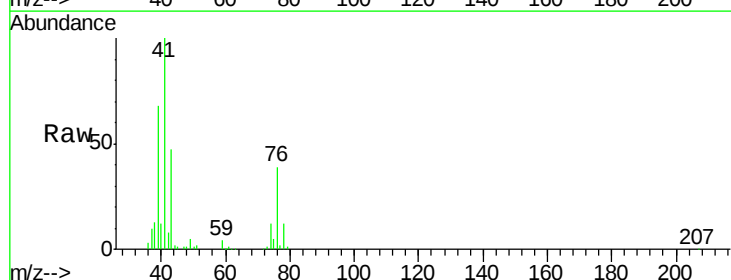
Tgt Ion: 41 Resp: 79674

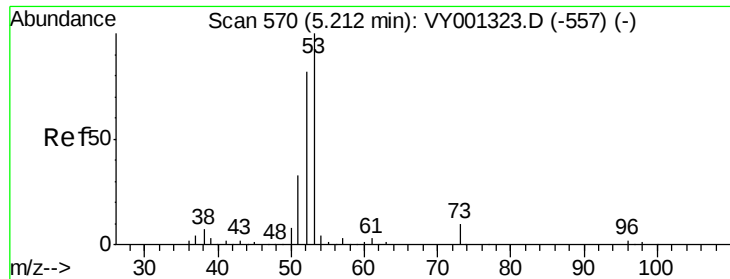
Ion Ratio Lower Upper

41 100

39 62.7 52.2 78.4

76 35.7 29.1 43.7

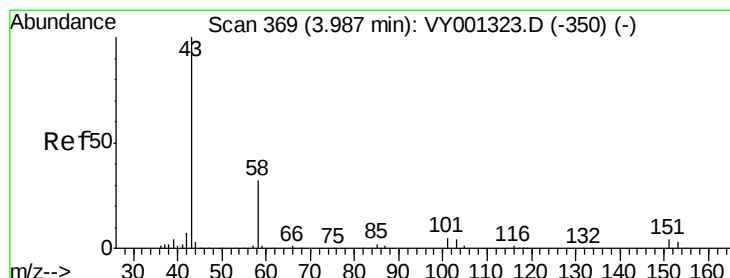
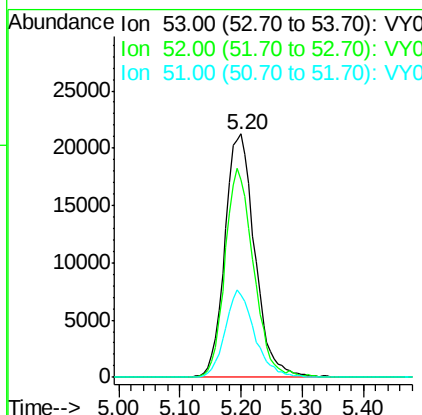
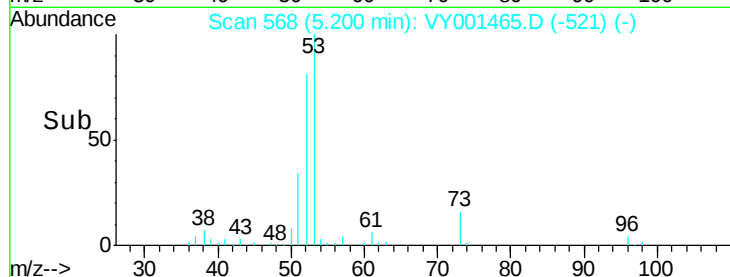
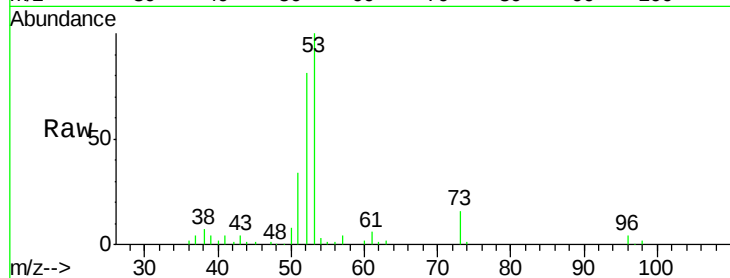




#15
 Acrylonitrile
 Concen: 113.09 ug/l
 RT: 5.20 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

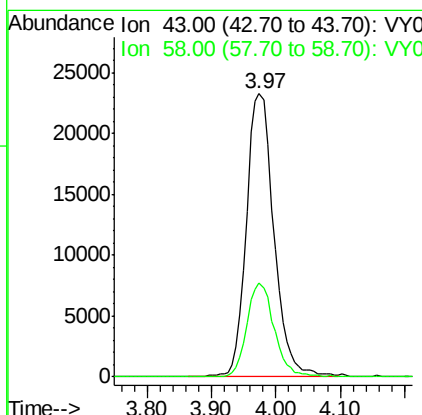
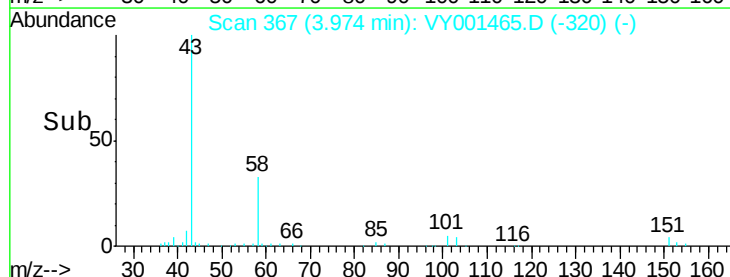
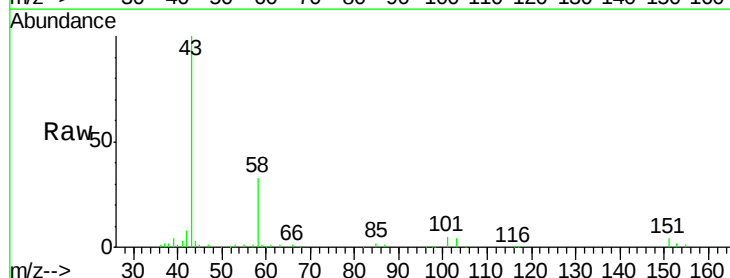
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

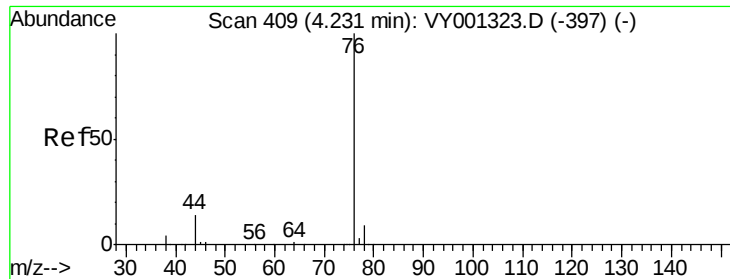
Tgt Ion: 53 Resp: 72022
 Ion Ratio Lower Upper
 53 100
 52 81.8 65.3 97.9
 51 35.1 28.4 42.6



#16
 Acetone
 Concen: 124.59 ug/l
 RT: 3.97 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

Tgt Ion: 43 Resp: 68216
 Ion Ratio Lower Upper
 43 100
 58 33.1 25.4 38.0

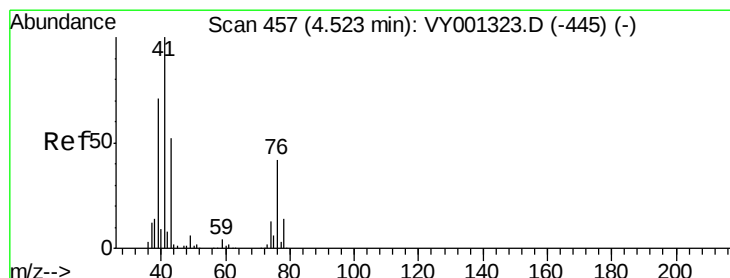
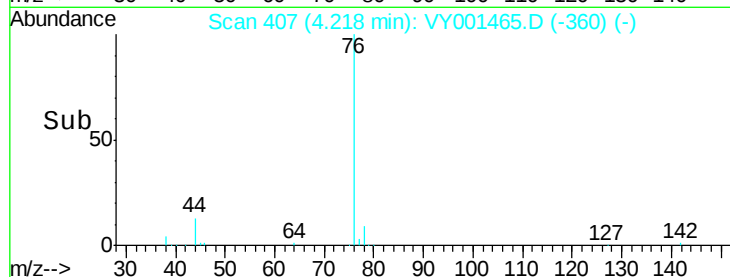
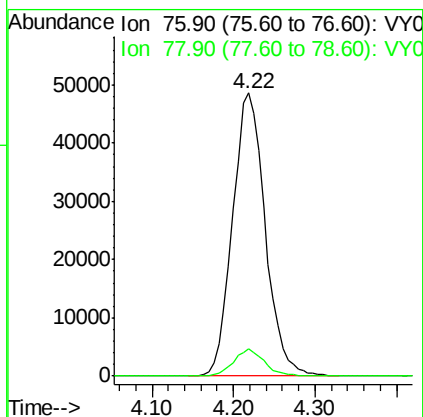
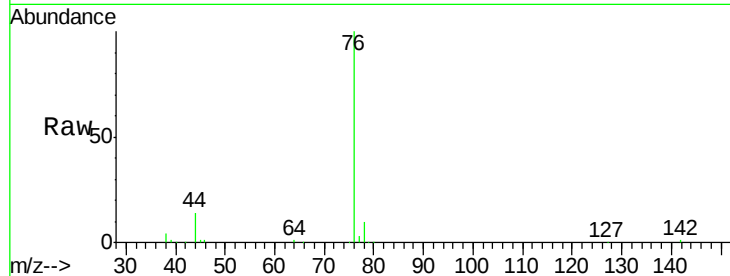




#17
Carbon Disulfide
Concen: 21.70 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

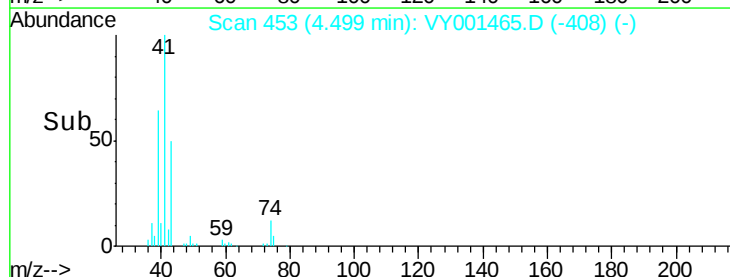
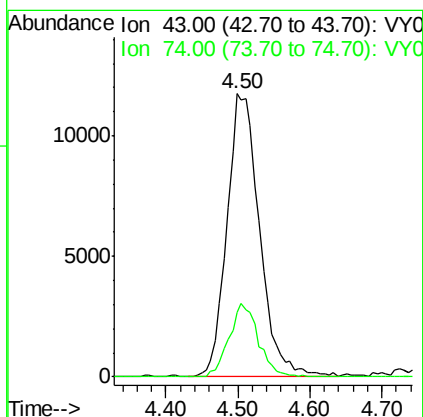
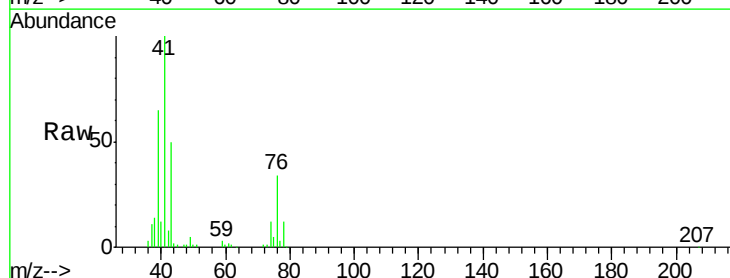
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

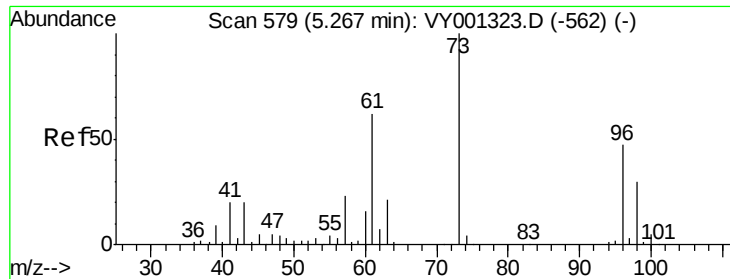
Tgt Ion: 76 Resp: 134328
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6



#18
Methyl Acetate
Concen: 21.80 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.02 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Tgt Ion: 43 Resp: 37072
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2

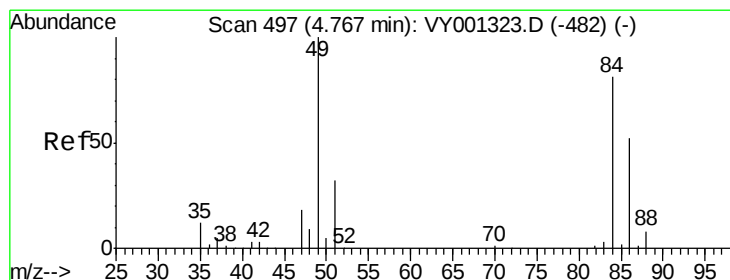
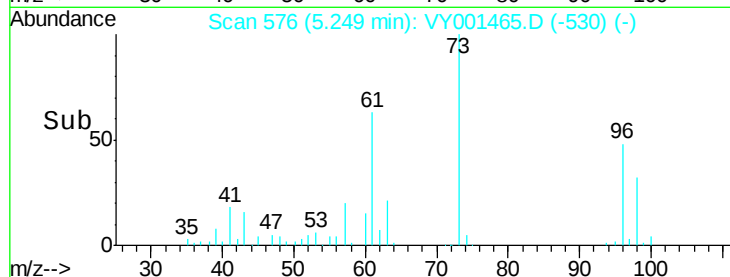
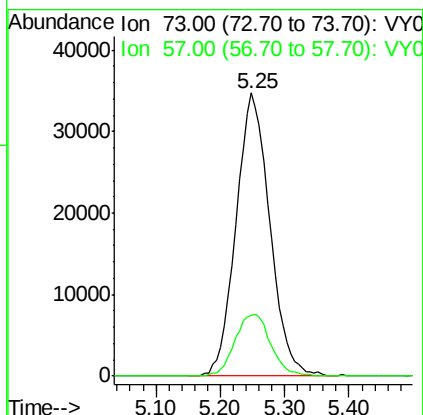
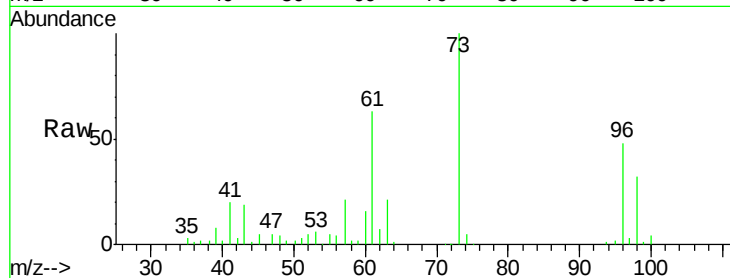




#19
Methyl tert-butyl Ether
Concen: 21.82 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.02 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

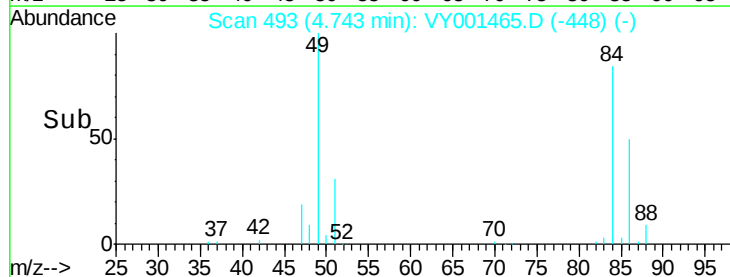
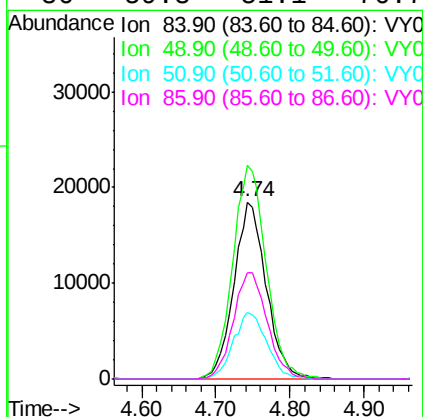
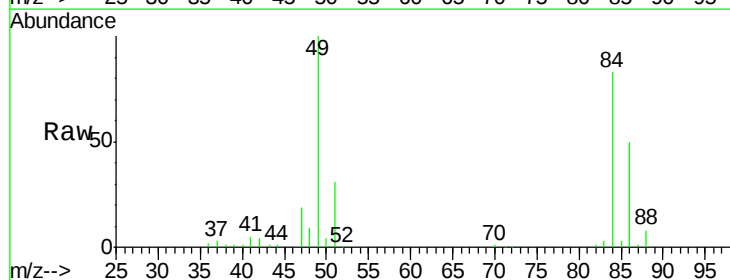
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

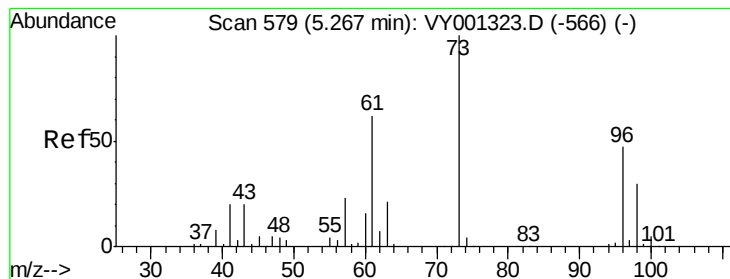
Tgt Ion: 73 Resp: 125743
Ion Ratio Lower Upper
73 100
57 21.4 18.2 27.2



#20
Methylene Chloride
Concen: 20.02 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.02 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Tgt Ion: 84 Resp: 56185
Ion Ratio Lower Upper
84 100
49 120.8 98.3 147.5
51 37.9 31.6 47.4
86 59.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 21.87 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.02 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

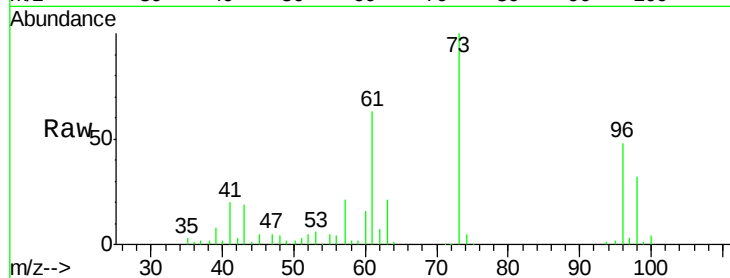
Tgt Ion: 96 Resp: 49983

Ion Ratio Lower Upper

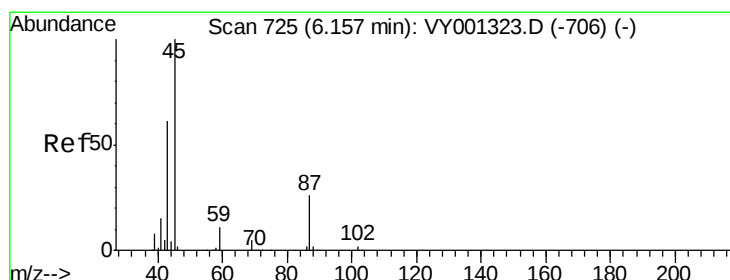
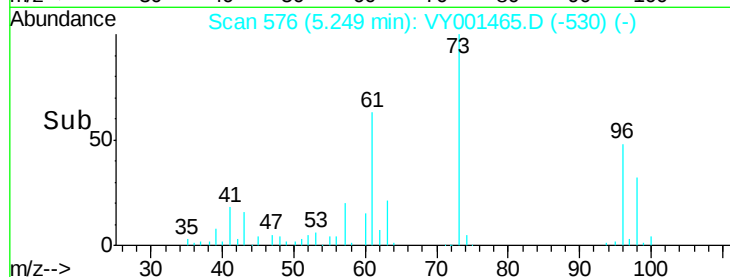
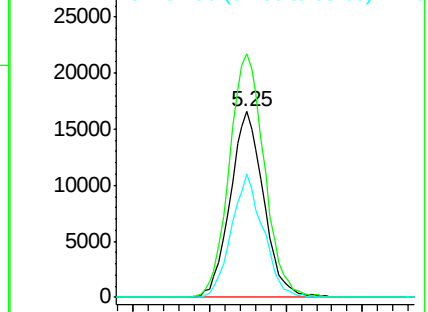
96 100

61 131.0 106.8 160.2

98 66.2 51.0 76.6



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



#22

Diisopropyl ether

Concen: 21.96 ug/l

RT: 6.15 min Scan# 724

Delta R.T. -0.01 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Tgt Ion: 45 Resp: 163665

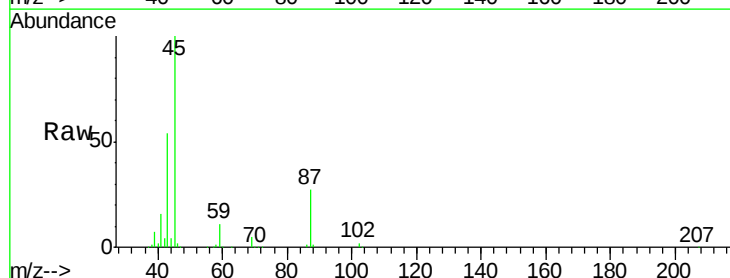
Ion Ratio Lower Upper

45 100

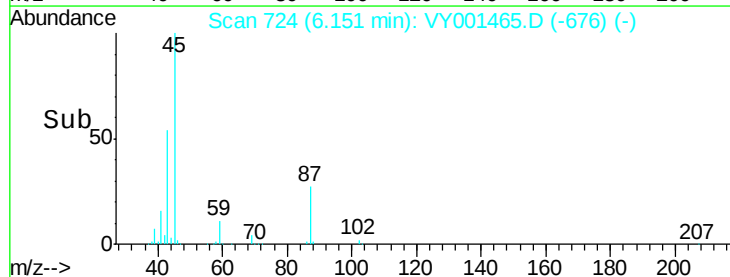
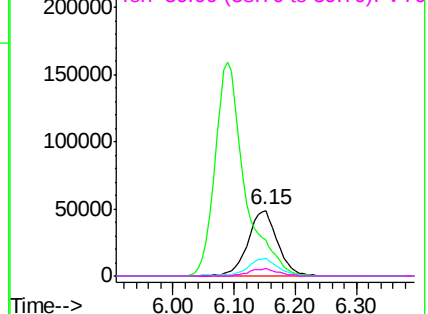
43 53.7 49.2 73.8

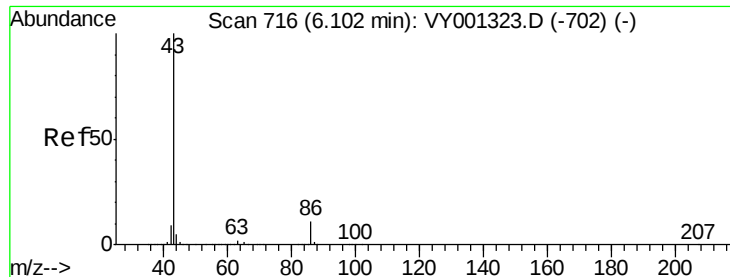
87 26.8 21.4 32.2

59 11.3 9.3 13.9



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

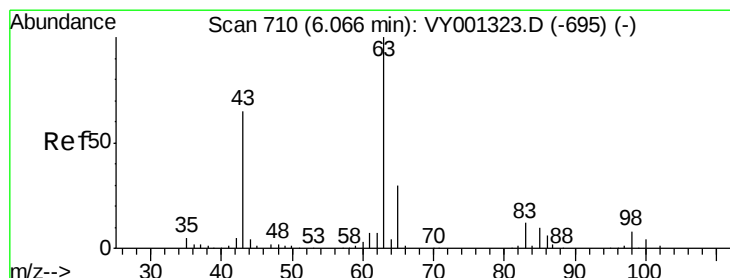
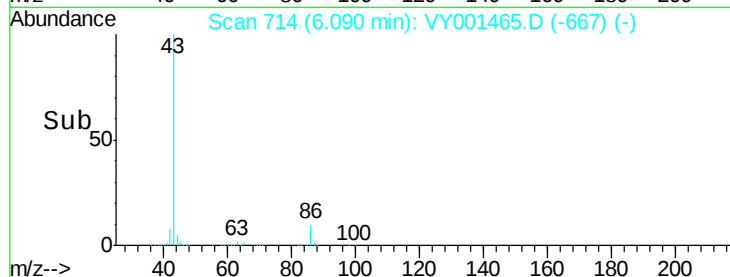
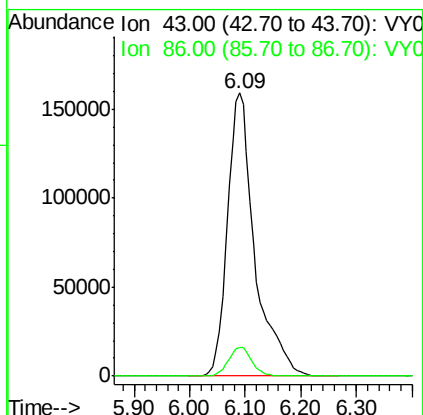
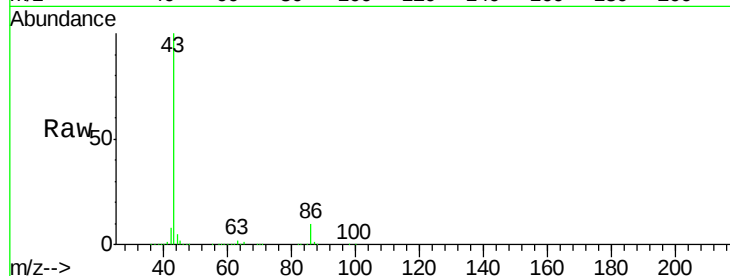




#23
 Vinyl Acetate
 Concen: 111.23 ug/l
 RT: 6.09 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

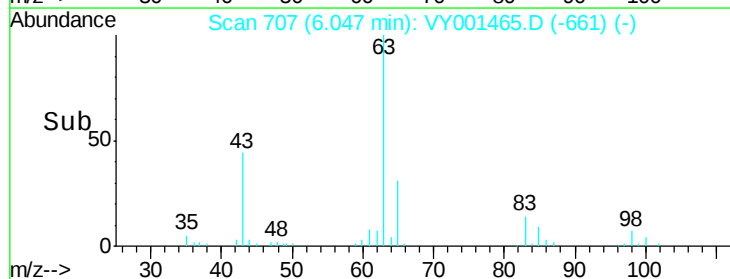
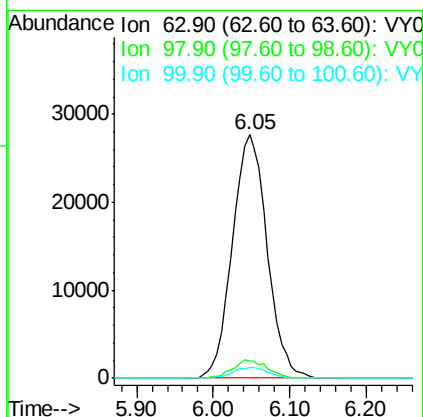
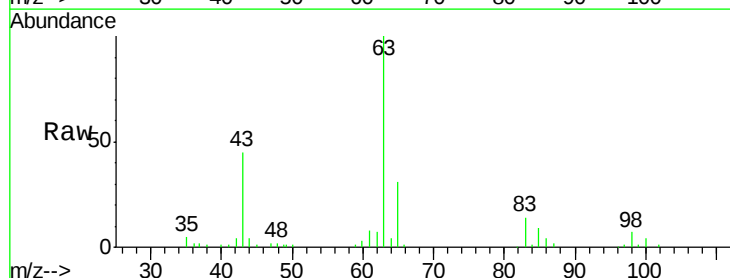
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

Tgt Ion: 43 Resp: 538143
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 22.19 ug/l
 RT: 6.05 min Scan# 707
 Delta R.T. -0.02 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

Tgt Ion: 63 Resp: 87154
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 12.0
 100 4.3 2.1 6.3





#25

2-Butanone

Concen: 117.34 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.01 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

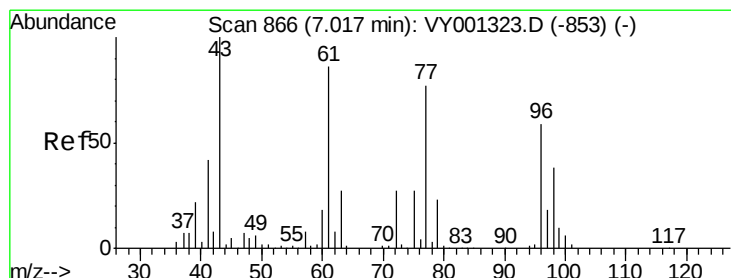
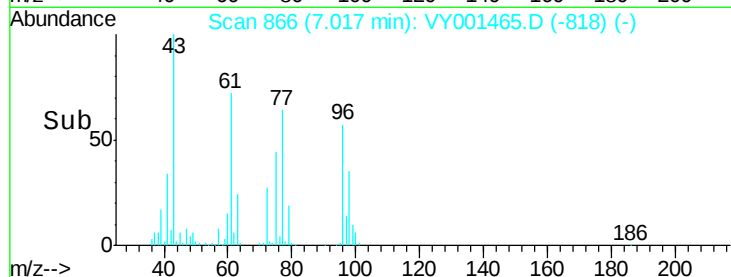
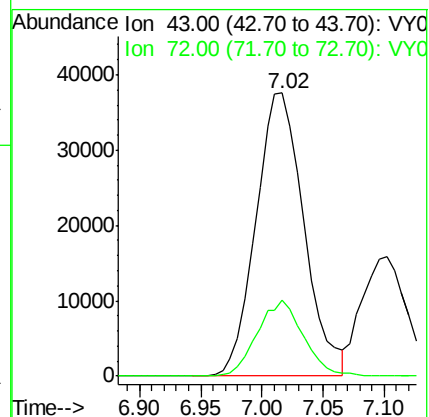
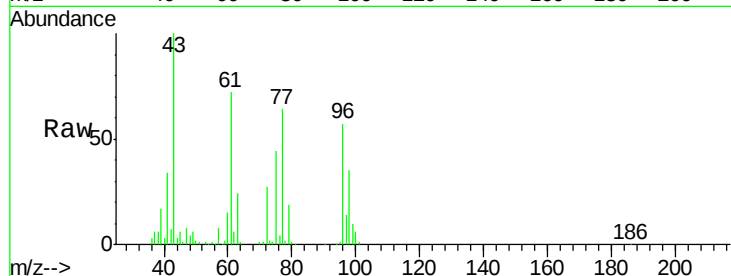
VY0203SBS01

Tgt Ion: 43 Resp: 103006

Ion Ratio Lower Upper

43 100

72 26.8 20.6 31.0



#26

2,2-Dichloropropane

Concen: 22.25 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001465.D

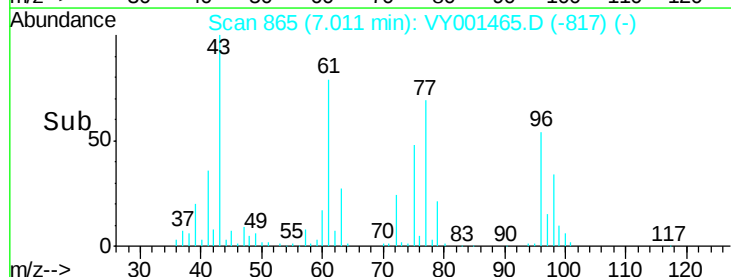
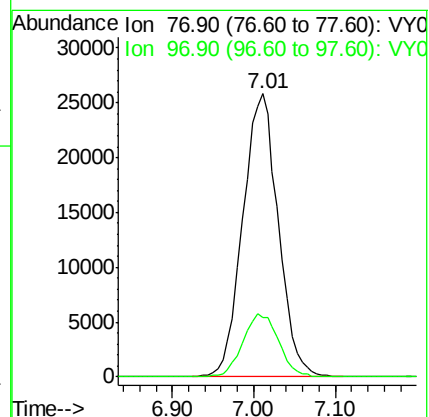
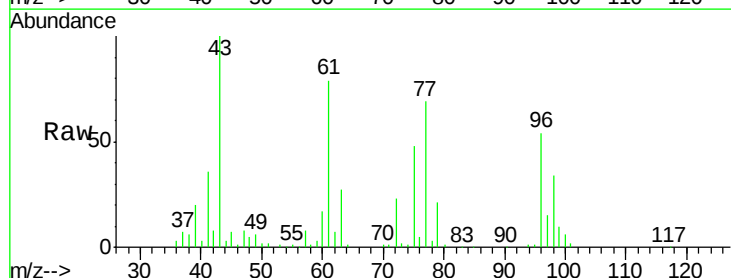
Acq: 03 Feb 2020 11:47

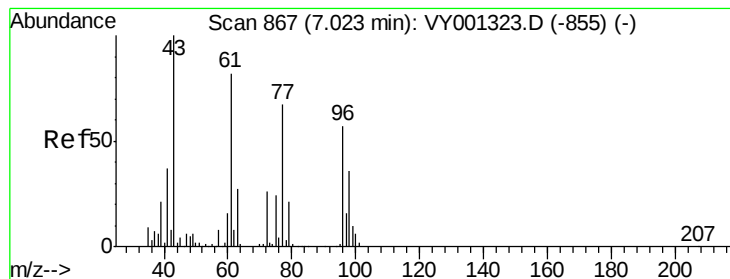
Tgt Ion: 77 Resp: 77866

Ion Ratio Lower Upper

77 100

97 22.5 11.9 35.5



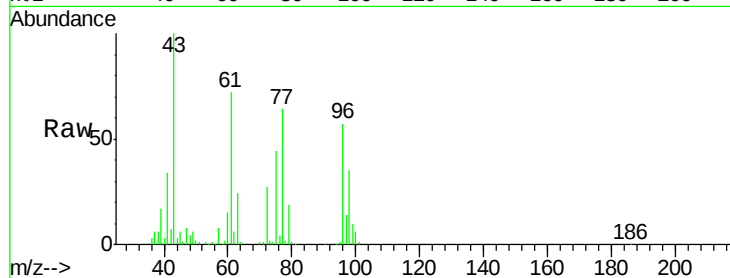


#27

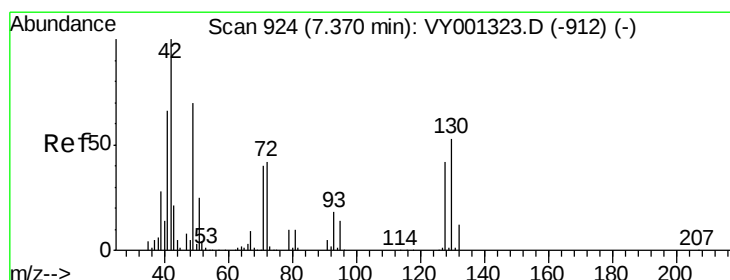
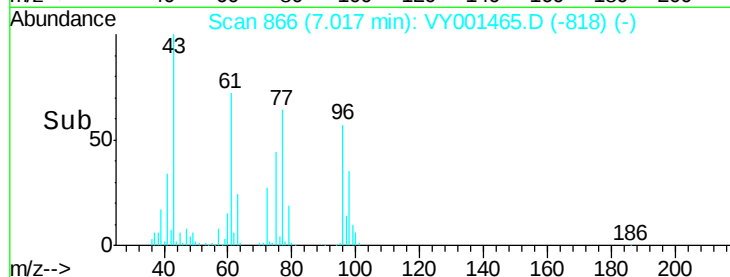
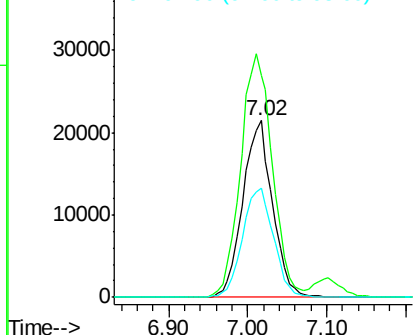
cis-1,2-Dichloroethene
Concen: 22.01 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tgt Ion: 96 Resp: 56232
Ion Ratio Lower Upper
96 100
61 147.0 0.0 284.8
98 64.3 0.0 128.4



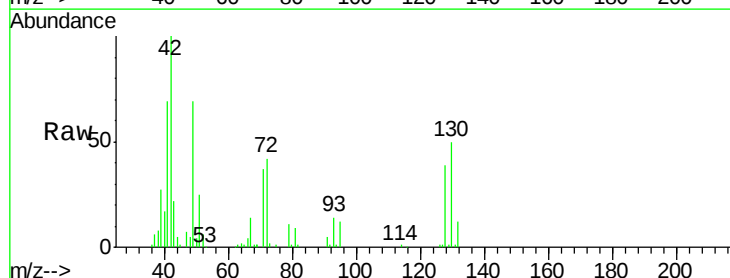
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



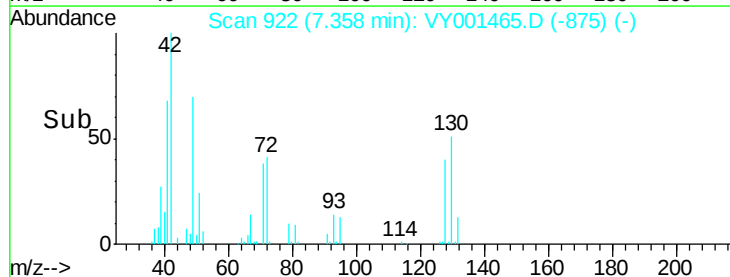
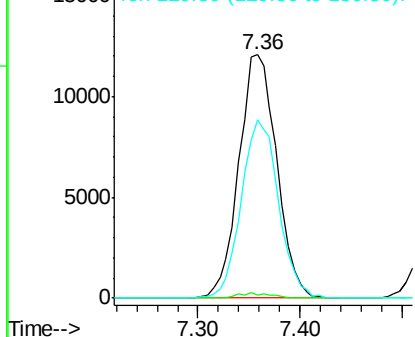
#28

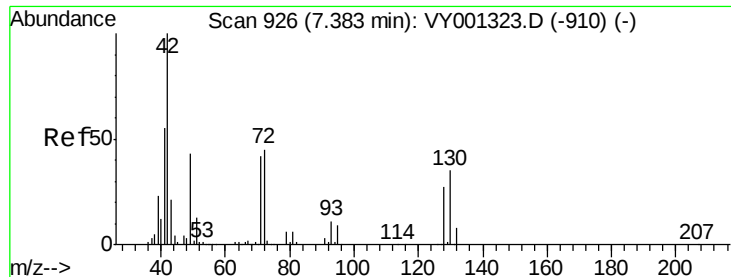
Bromochloromethane
Concen: 19.22 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Tgt Ion: 49 Resp: 31133
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 72.0 58.9 88.3



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

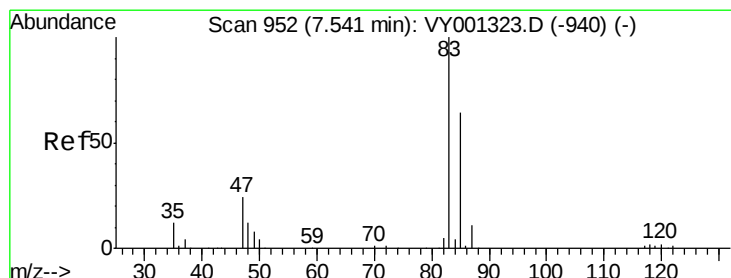
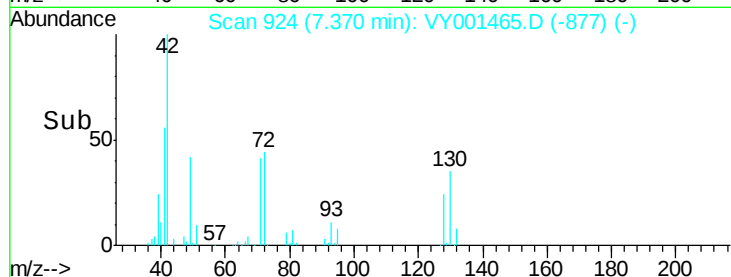
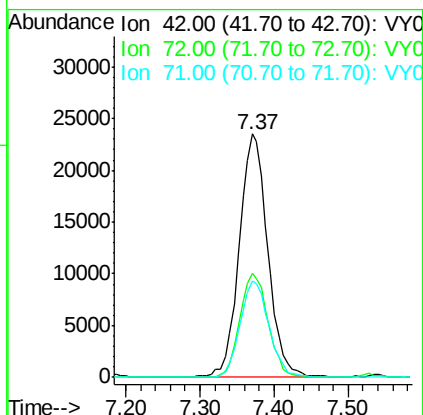
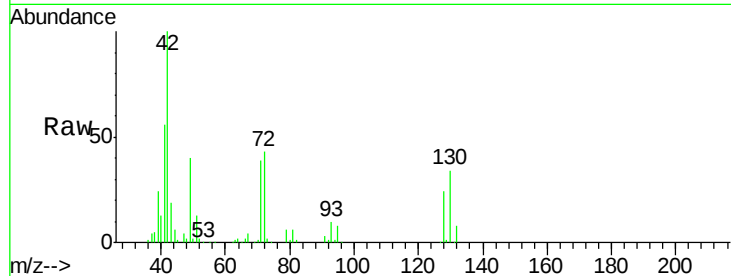




#29
Tetrahydrofuran
Concen: 110.43 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

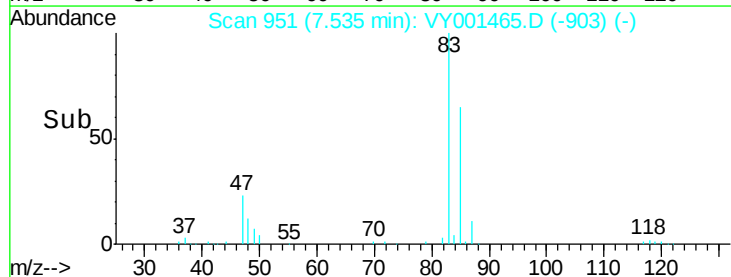
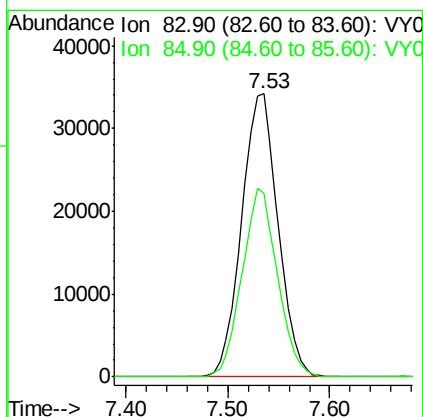
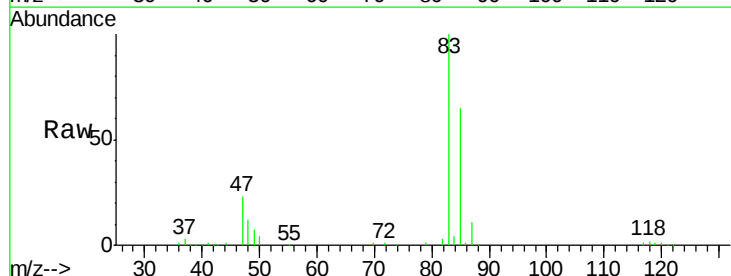
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

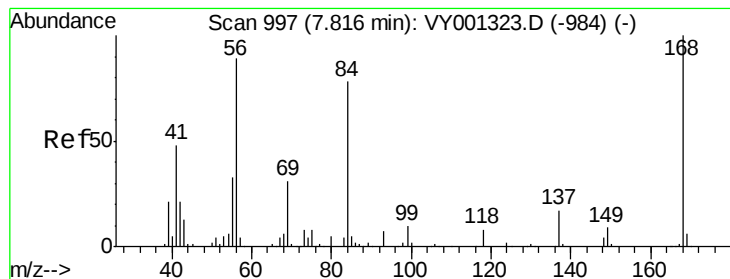
Tgt Ion: 42 Resp: 63071
Ion Ratio Lower Upper
42 100
72 42.1 34.6 51.8
71 40.1 32.6 48.8



#30
Chloroform
Concen: 22.05 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.01 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Tgt Ion: 83 Resp: 84908
Ion Ratio Lower Upper
83 100
85 65.0 51.5 77.3





#31

Cyclohexane

Concen: 22.30 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

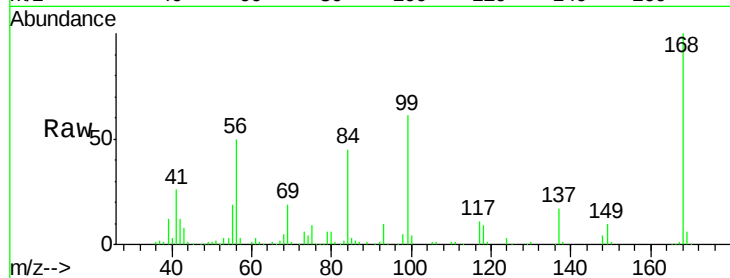
Tgt Ion: 56 Resp: 86954

Ion Ratio Lower Upper

56 100

69 38.1 27.6 41.4

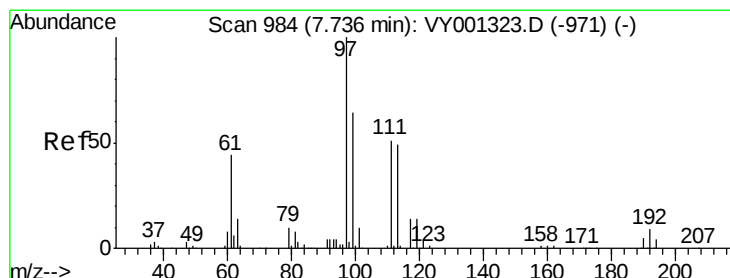
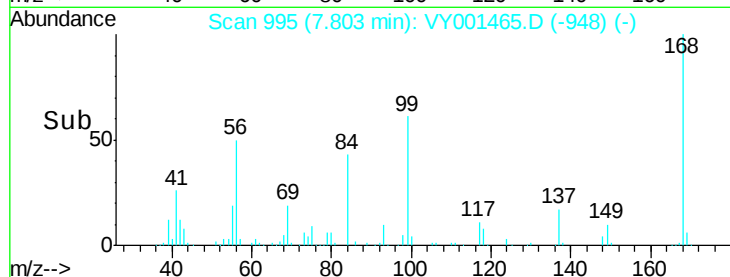
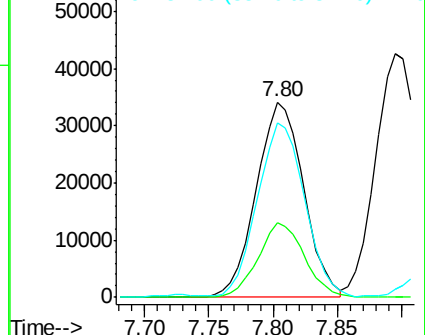
84 88.7 69.7 104.5



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: 22.69 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

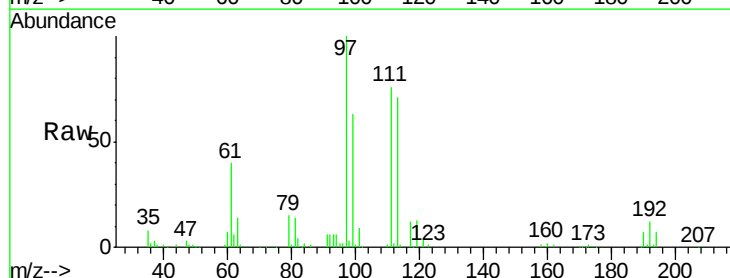
Tgt Ion: 97 Resp: 73778

Ion Ratio Lower Upper

97 100

99 63.3 51.3 76.9

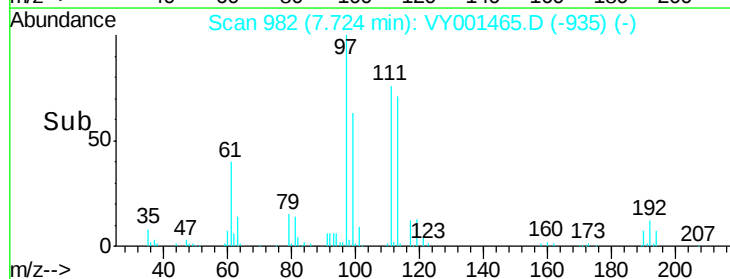
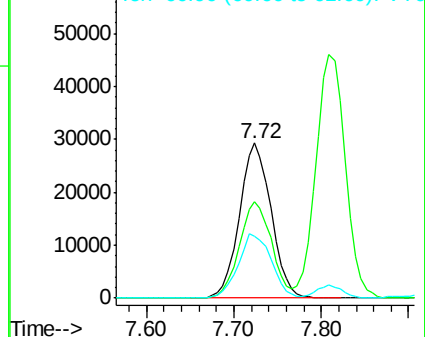
61 43.3 35.9 53.9

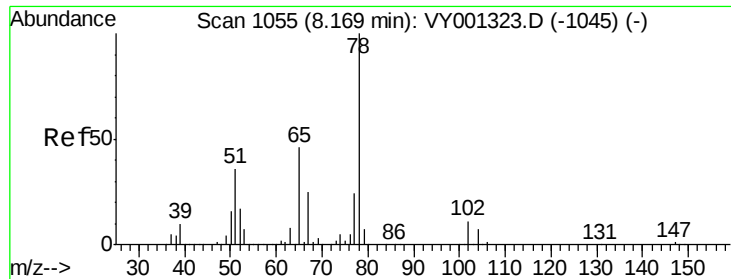


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

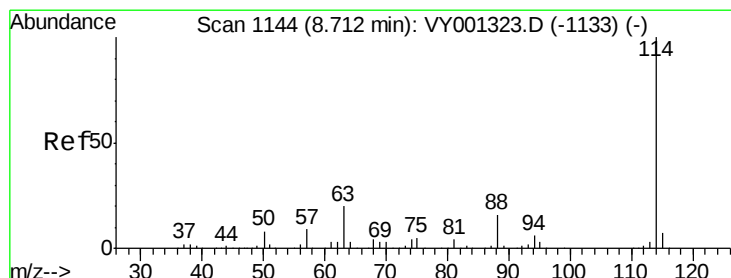
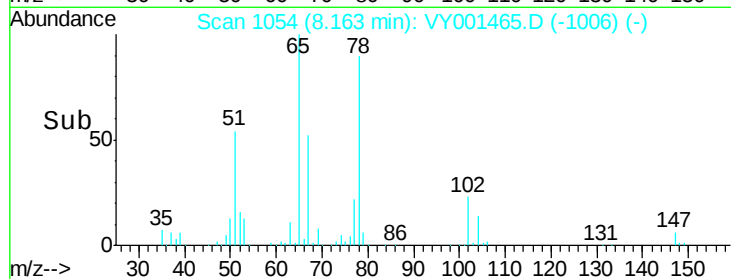
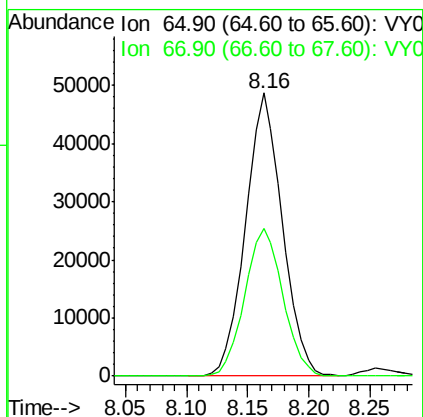
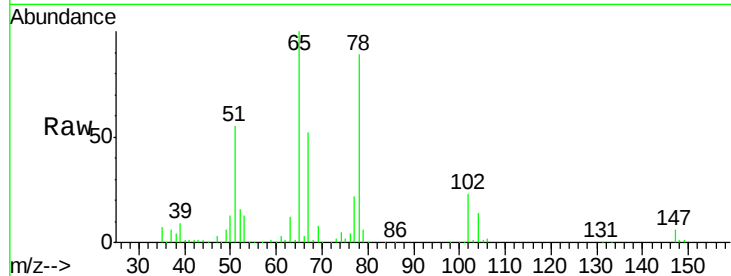




#33
 1,2-Dichloroethane-d4
 Concen: 50.49 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

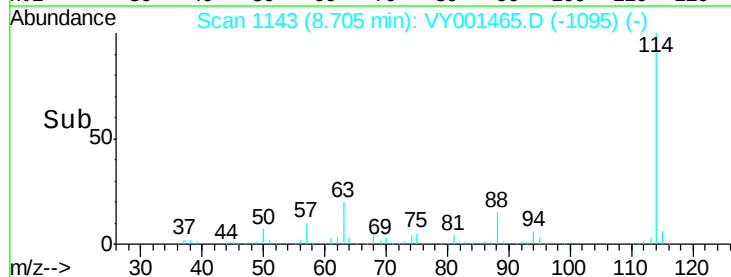
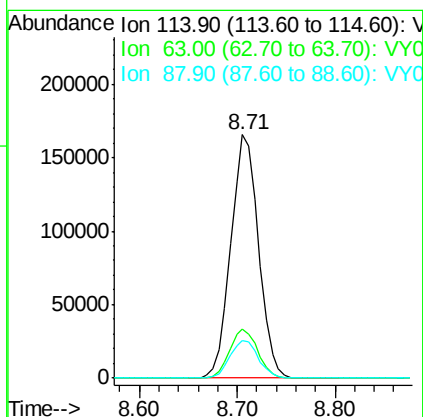
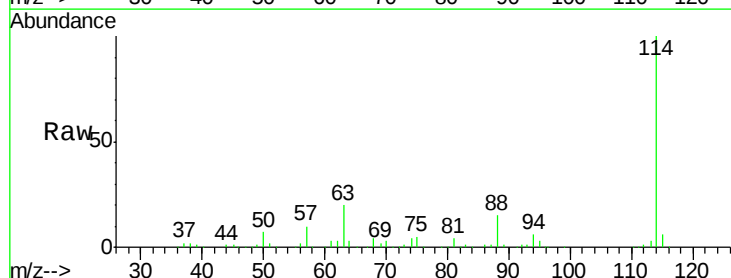
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

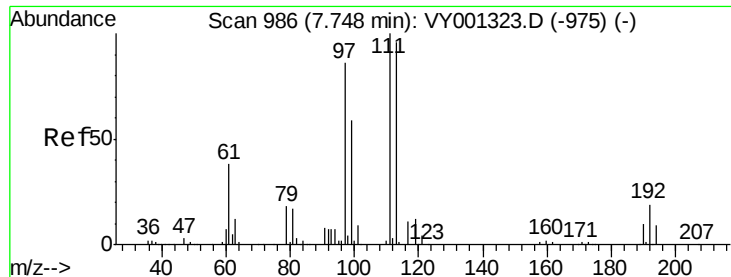
Tgt Ion: 65 Resp: 101842
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

Tgt Ion: 114 Resp: 324294
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 15.4 0.0 31.0

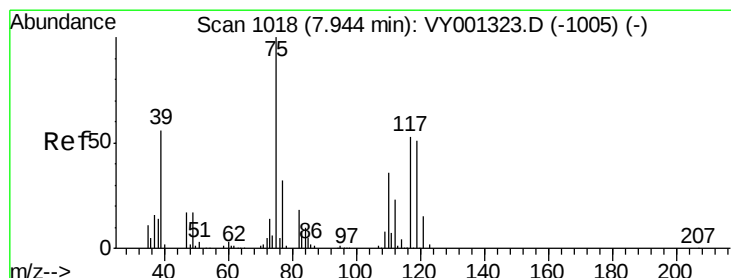
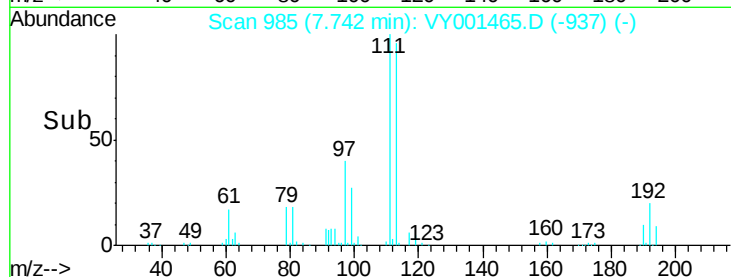
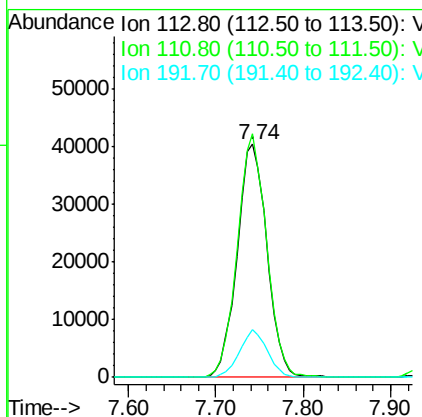
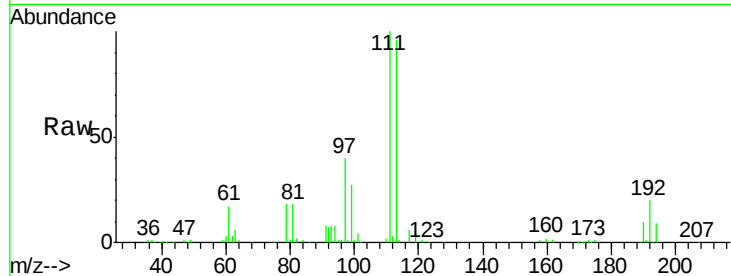




#35
 Dibromofluoromethane
 Concen: 50.34 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

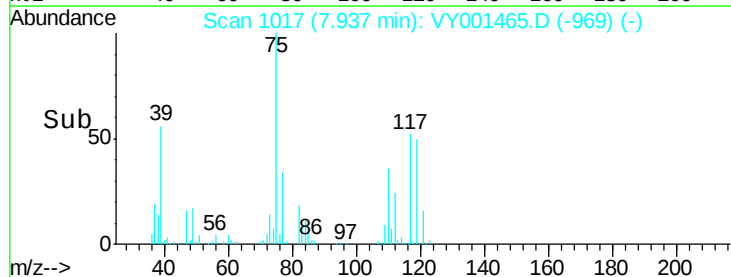
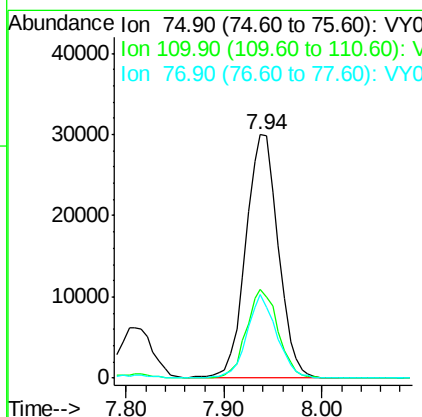
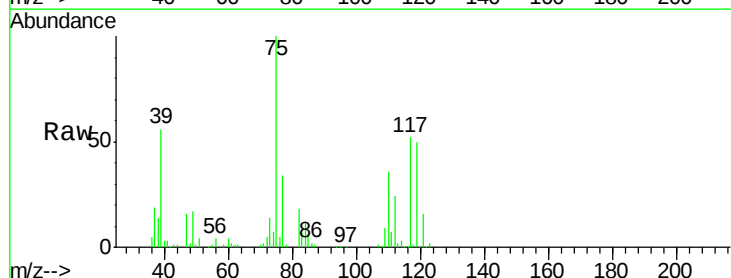
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

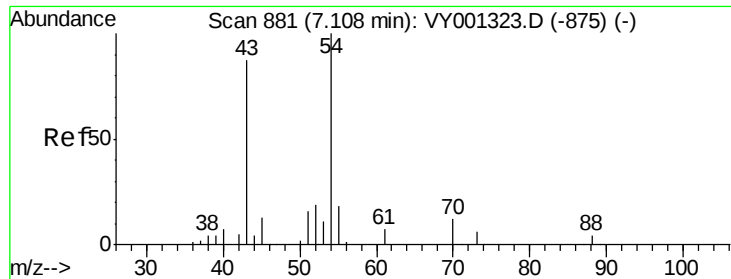
Tgt Ion: 113 Resp: 95808
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.8 124.2
 192 19.2 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 22.56 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

Tgt Ion: 75 Resp: 69111
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.6 52.8
 77 31.5 24.7 37.1

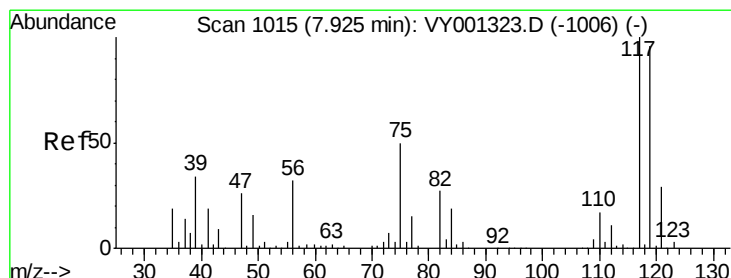
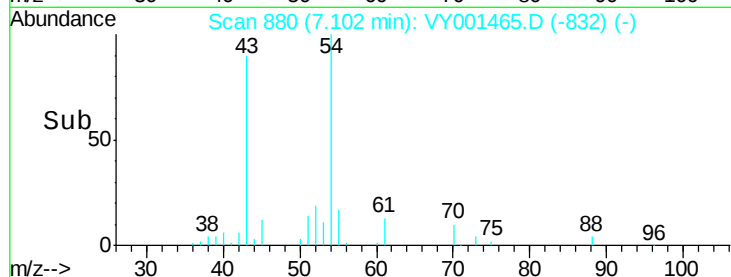
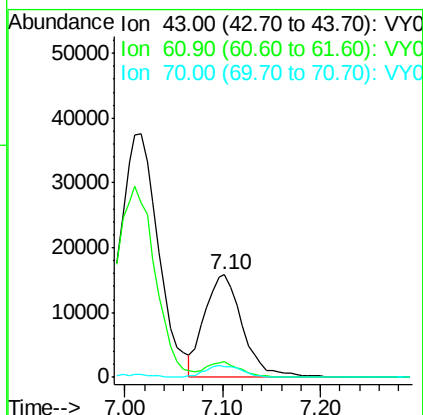
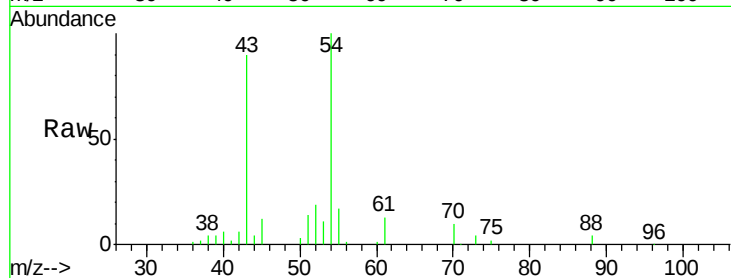




#37
Ethyl Acetate
Concen: 22.86 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

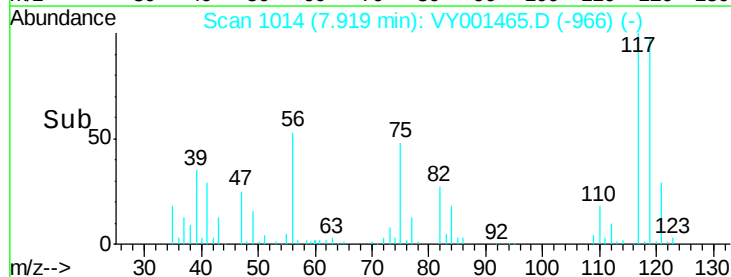
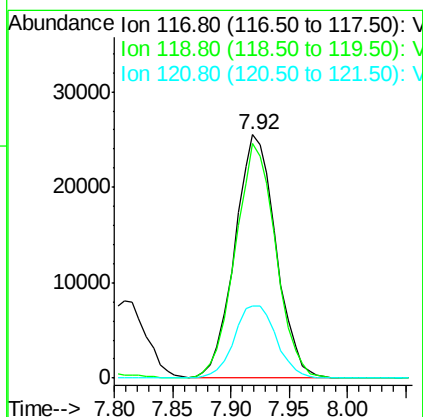
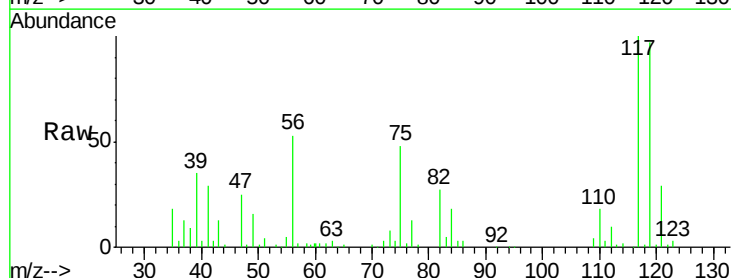
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tgt Ion: 43 Resp: 42792
Ion Ratio Lower Upper
43 100
61 13.2 11.3 16.9
70 10.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 22.93 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Tgt Ion: 117 Resp: 62615
Ion Ratio Lower Upper
117 100
119 96.5 76.3 114.5
121 29.4 23.5 35.3

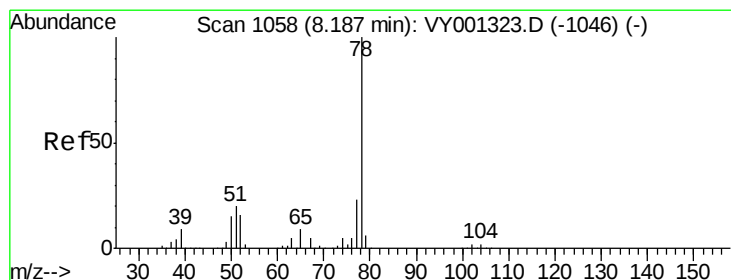
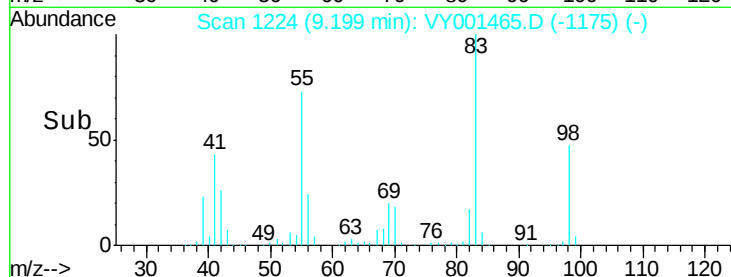
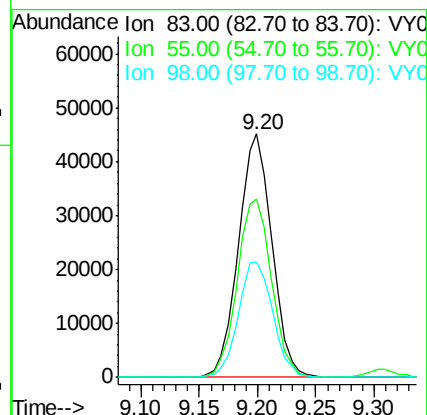
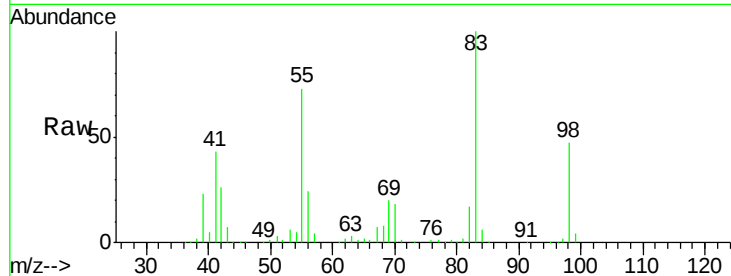




#39
Methylcyclohexane
Concen: 22.99 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

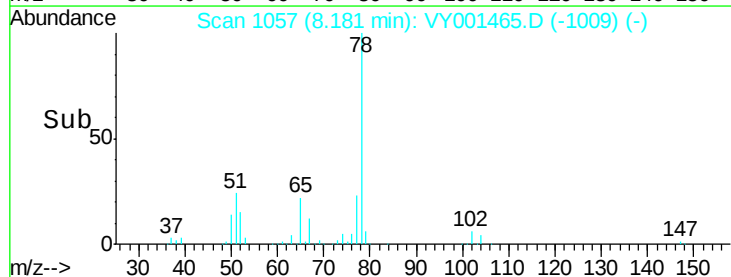
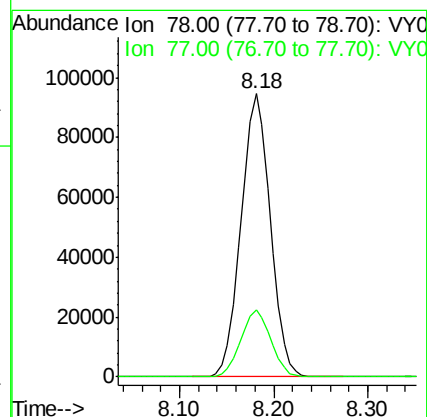
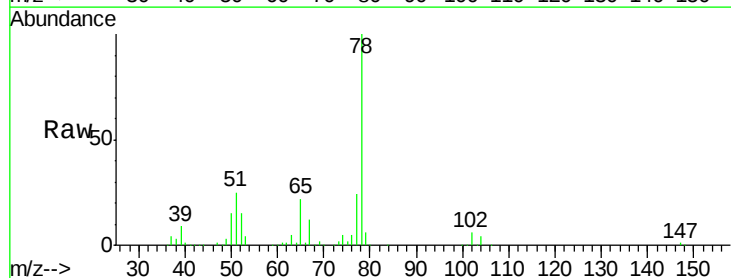
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

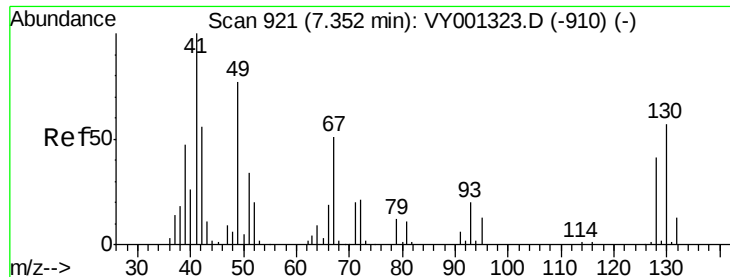
Tgt Ion: 83 Resp: 90218
Ion Ratio Lower Upper
83 100
55 73.3 60.7 91.1
98 47.5 37.8 56.8



#40
Benzene
Concen: 22.34 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Tgt Ion: 78 Resp: 205188
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8

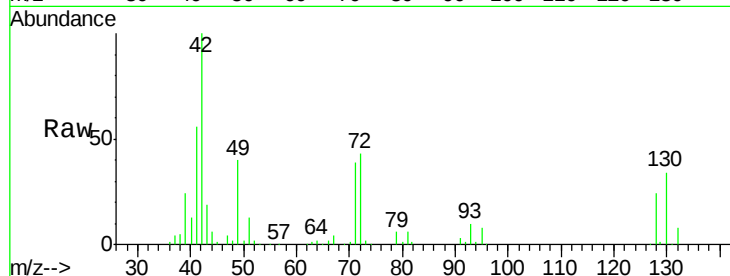




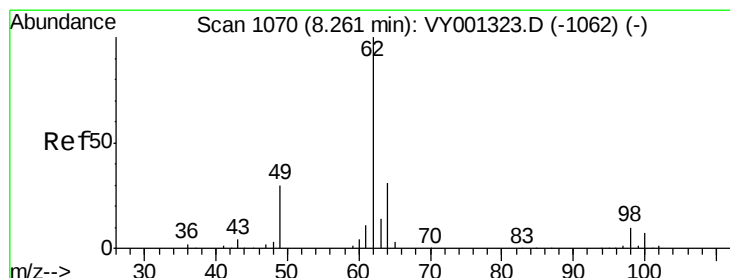
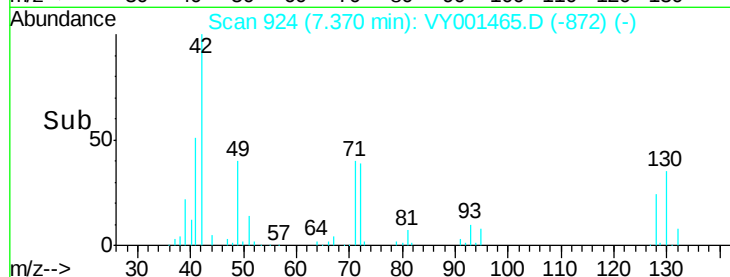
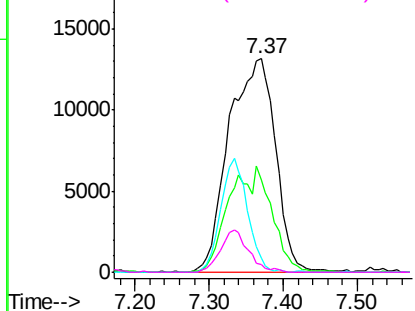
#41
Methacrylonitrile
Concen: 59.60 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tgt Ion:	41	Resp:	57574
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

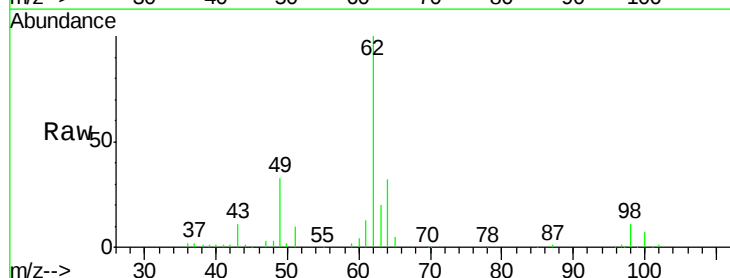


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

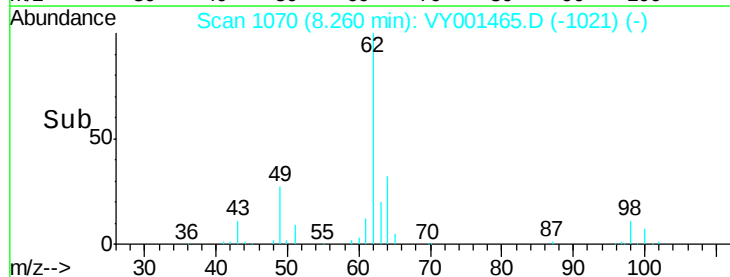
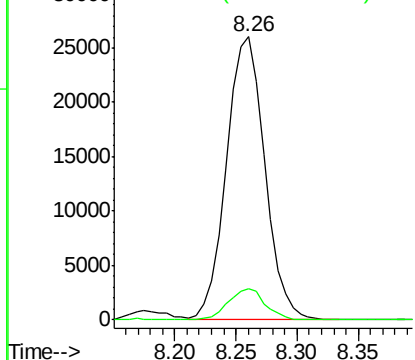


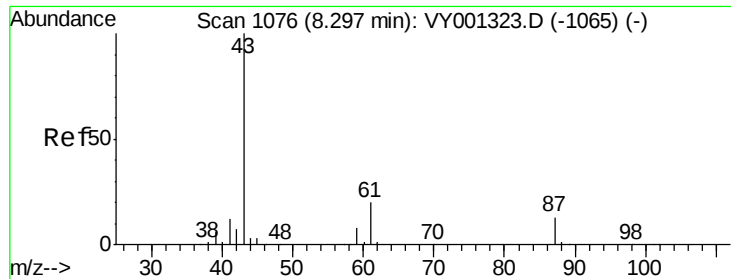
#42
1,2-Dichloroethane
Concen: 22.08 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Tgt Ion:	62	Resp:	56677
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 22.78 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

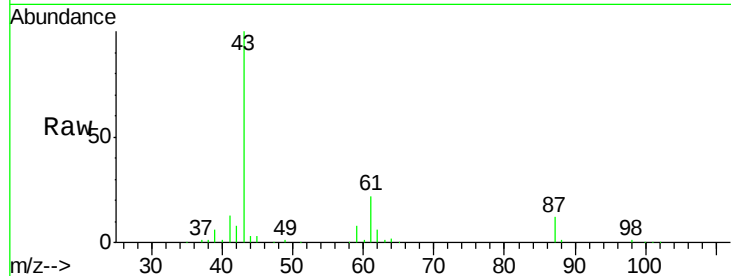
Tgt Ion: 43 Resp: 82915

Ion Ratio Lower Upper

43 100

61 29.1 22.7 34.1

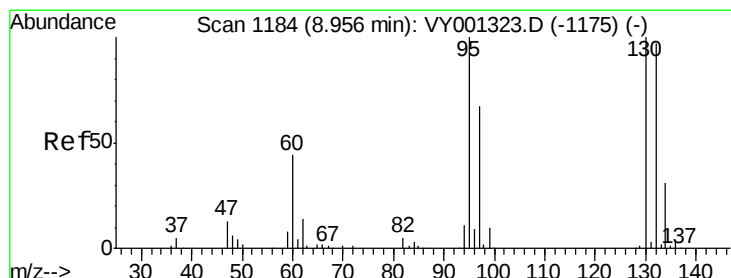
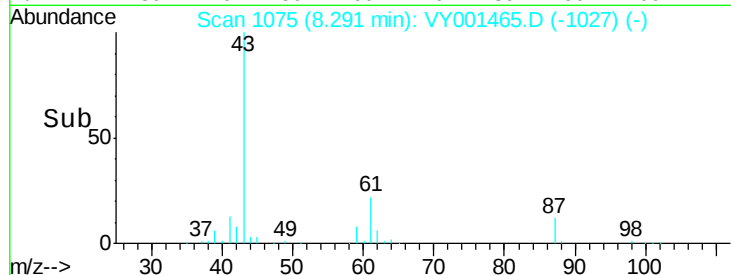
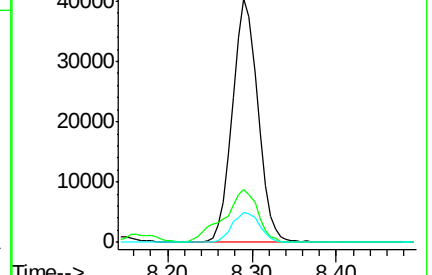
87 13.0 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VY001465.D (-1075) (-)

Ion 61.00 (60.70 to 61.70): VY001465.D (-1075) (-)

Ion 87.00 (86.70 to 87.70): VY001465.D (-1075) (-)



#44

Trichloroethene

Concen: 22.43 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VY001465.D

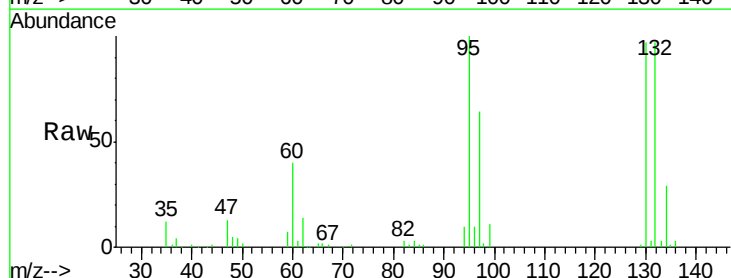
Acq: 03 Feb 2020 11:47

Tgt Ion: 130 Resp: 52875

Ion Ratio Lower Upper

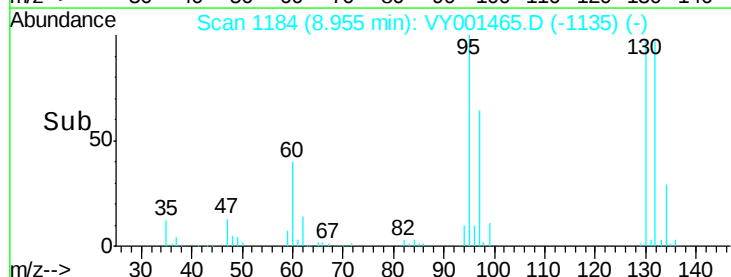
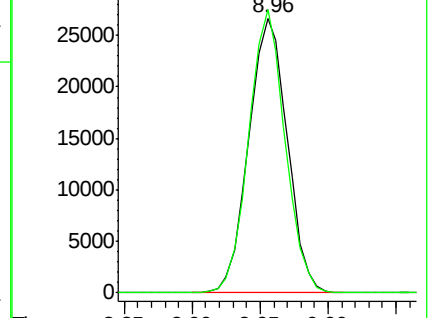
130 100

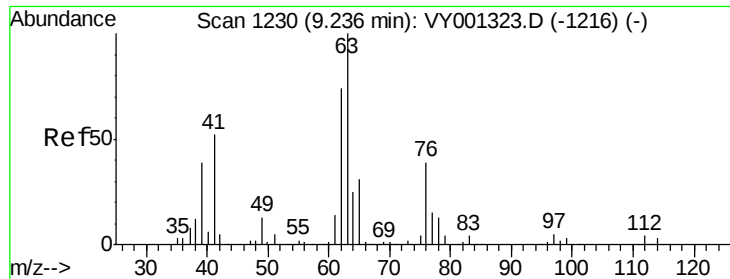
95 103.0 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): VY001465.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY001465.D (-1183) (-)

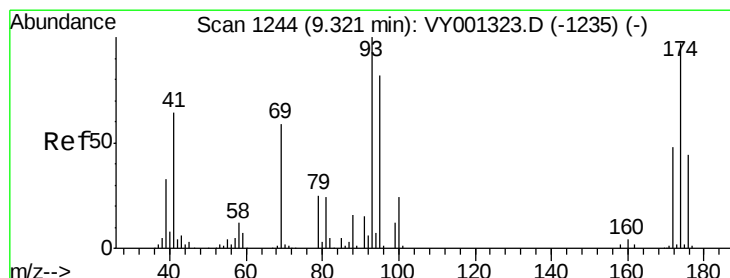
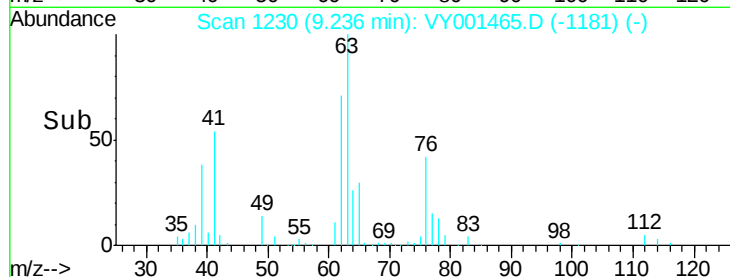
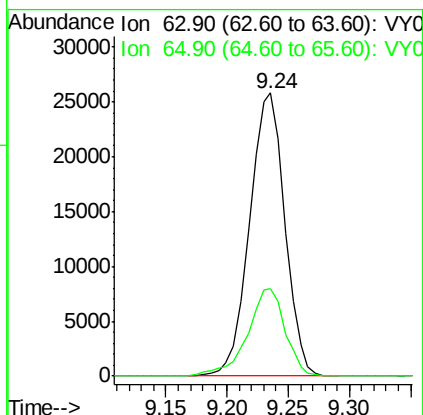
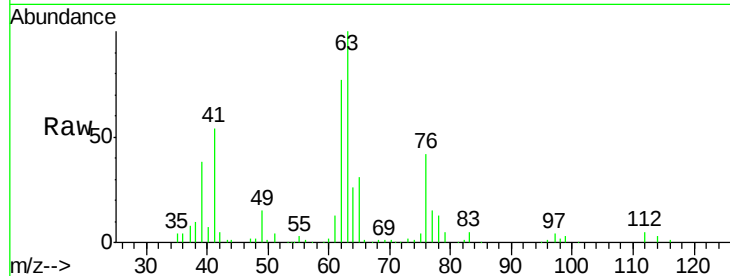




#45
 1,2-Dichloropropane
 Concen: 22.30 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

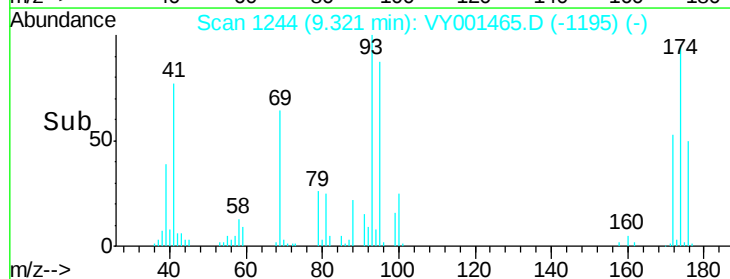
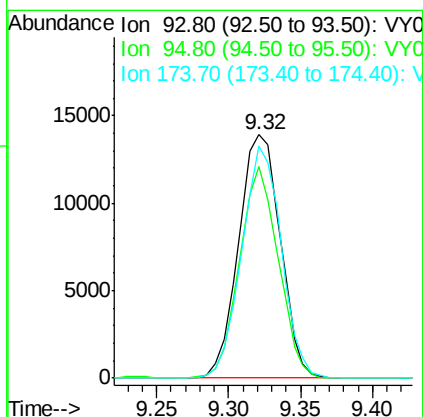
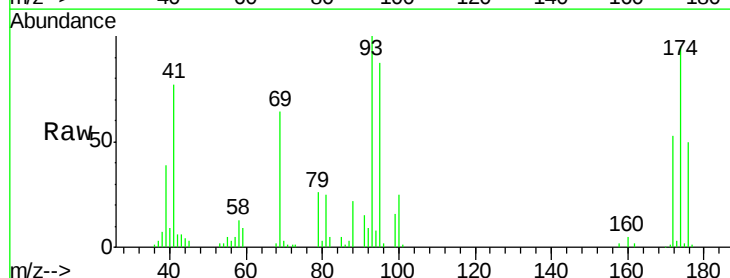
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

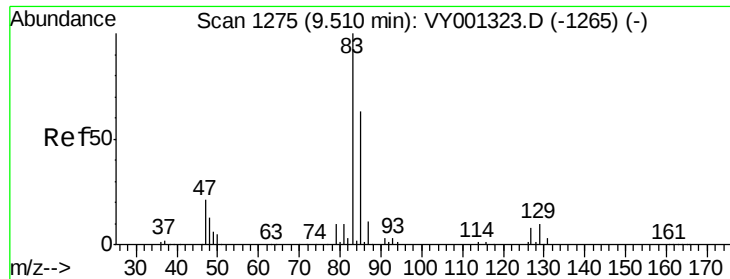
Tgt Ion: 63 Resp: 51794
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.9 37.3



#46
 Dibromomethane
 Concen: 22.38 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

Tgt Ion: 93 Resp: 27898
 Ion Ratio Lower Upper
 93 100
 95 80.8 66.5 99.7
 174 90.6 77.9 116.9





#47

Bromodichloromethane

Concen: 22.37 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

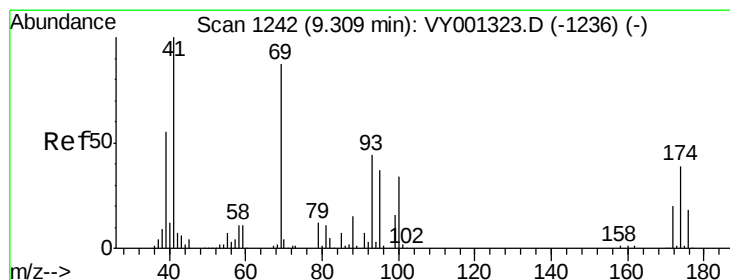
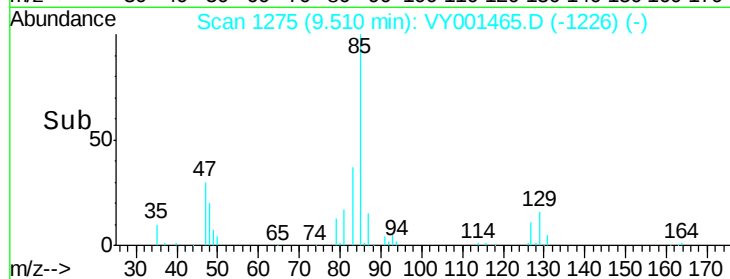
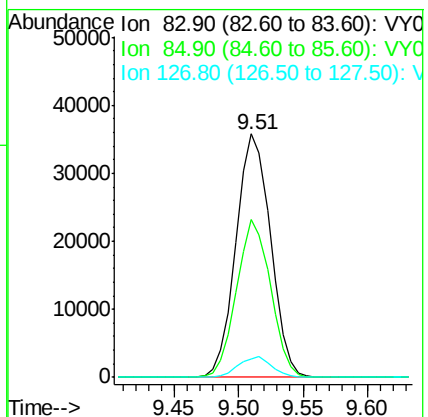
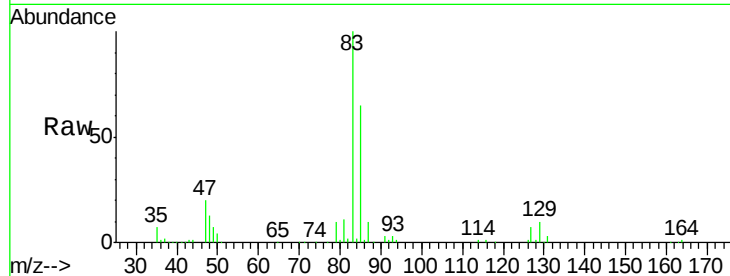
Tgt Ion: 83 Resp: 66682

Ion Ratio Lower Upper

83 100

85 64.8 50.2 75.2

127 7.4 6.4 9.6



#48

Methyl methacrylate

Concen: 22.35 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

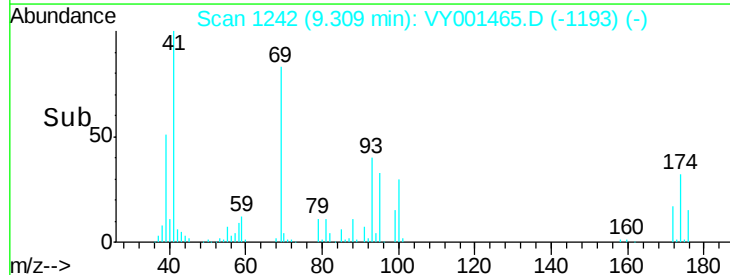
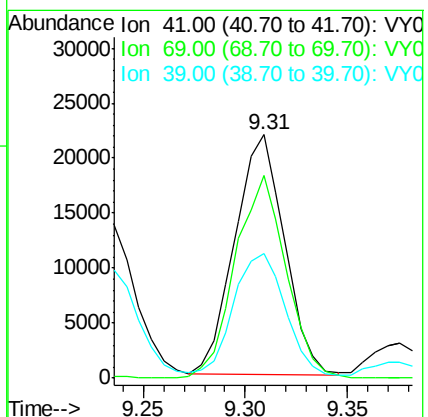
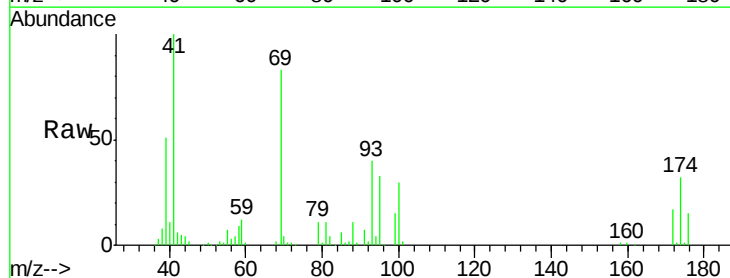
Tgt Ion: 41 Resp: 36975

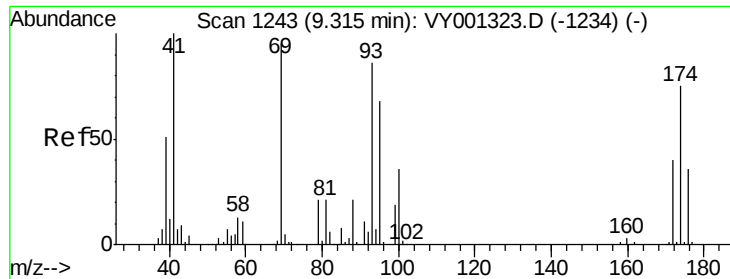
Ion Ratio Lower Upper

41 100

69 86.0 70.2 105.4

39 55.3 45.7 68.5





#49

1,4-Dioxane

Concen: 439.33 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

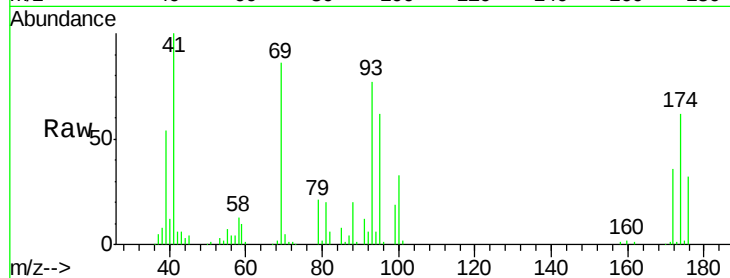
Tgt Ion: 88 Resp: 7724

Ion Ratio Lower Upper

88 100

43 30.9 28.2 42.2

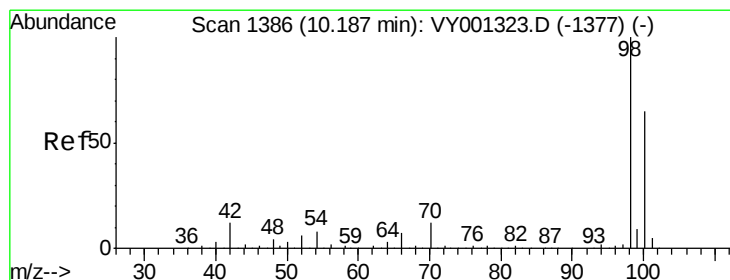
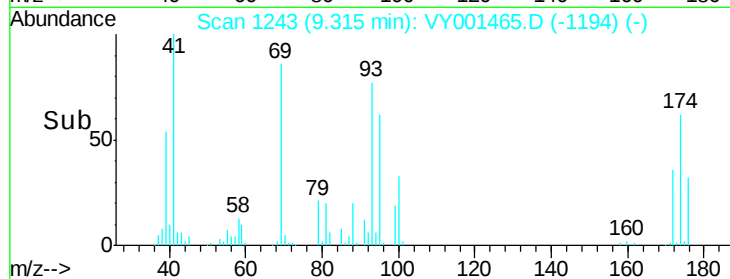
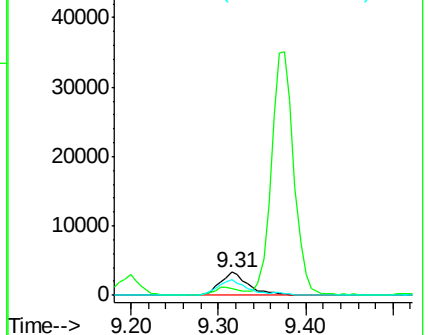
58 66.6 55.6 83.4



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 51.65 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001465.D

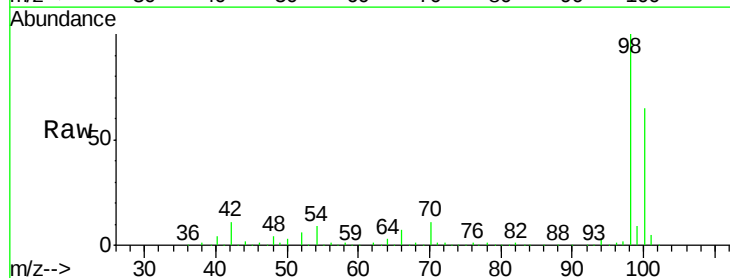
Acq: 03 Feb 2020 11:47

Tgt Ion: 98 Resp: 381961

Ion Ratio Lower Upper

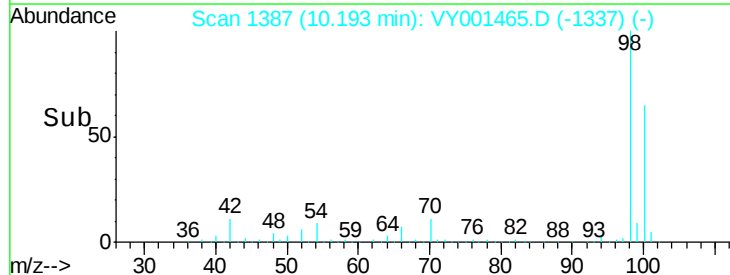
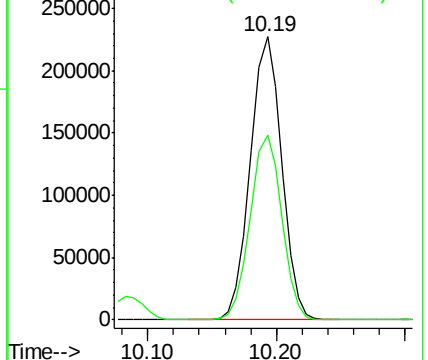
98 100

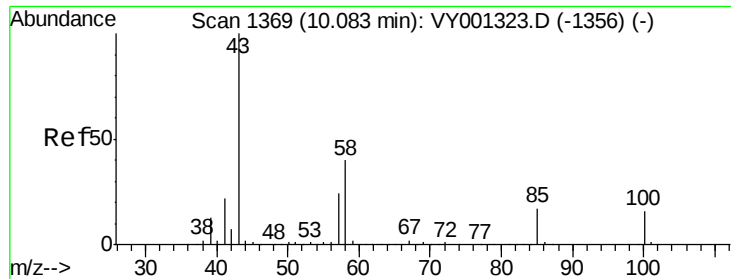
100 65.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 112.77 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

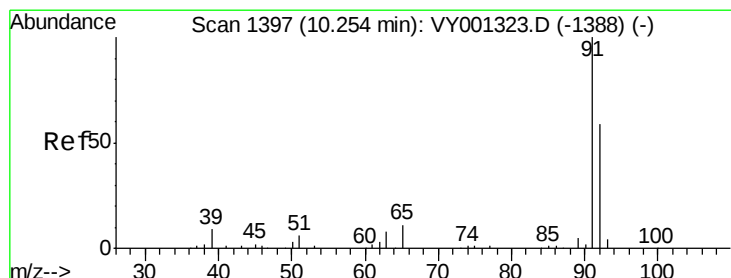
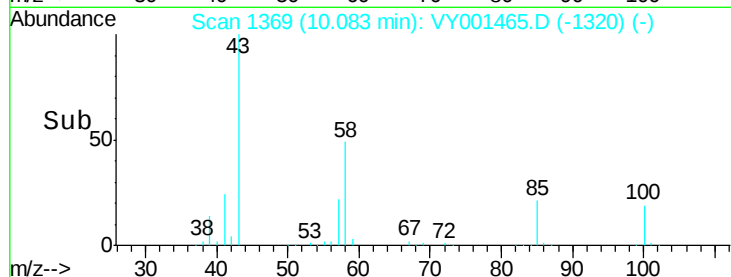
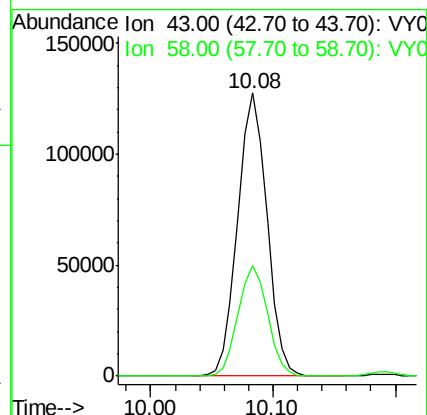
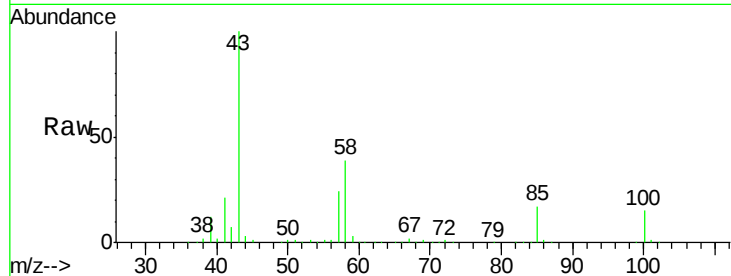
VY0203SBS01

Tgt Ion: 43 Resp: 211386

Ion Ratio Lower Upper

43 100

58 39.3 31.5 47.3



#52

Toluene

Concen: 22.29 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY001465.D

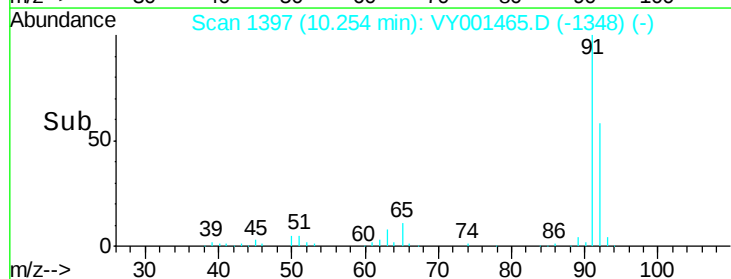
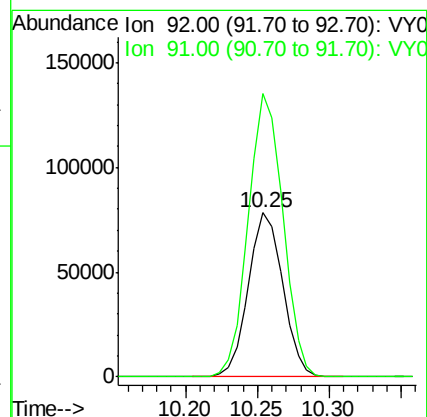
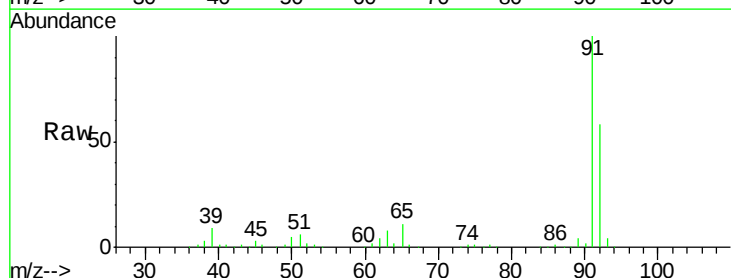
Acq: 03 Feb 2020 11:47

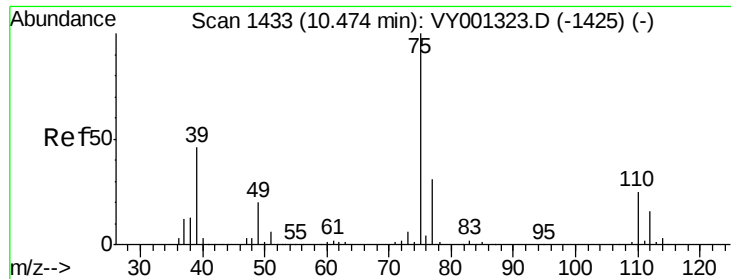
Tgt Ion: 92 Resp: 129824

Ion Ratio Lower Upper

92 100

91 173.5 136.4 204.6

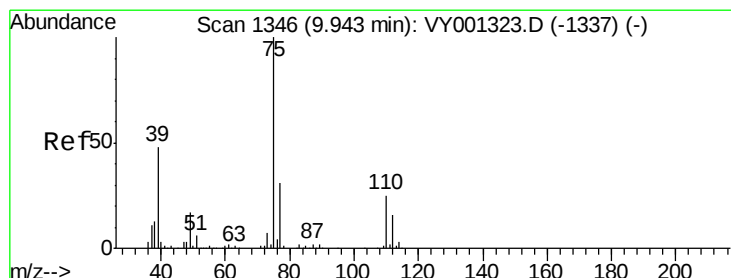
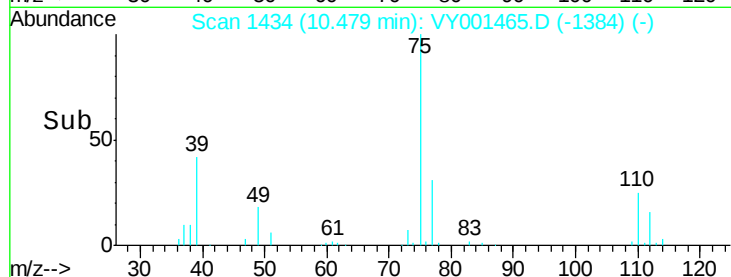
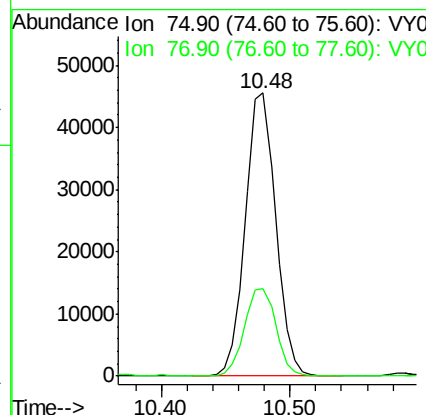
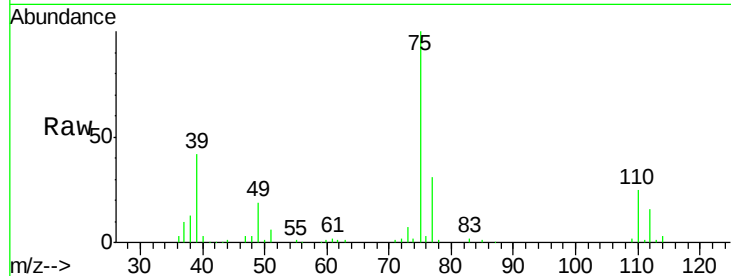




#53
 t-1,3-Dichloropropene
 Concen: 22.50 ug/l
 RT: 10.48 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

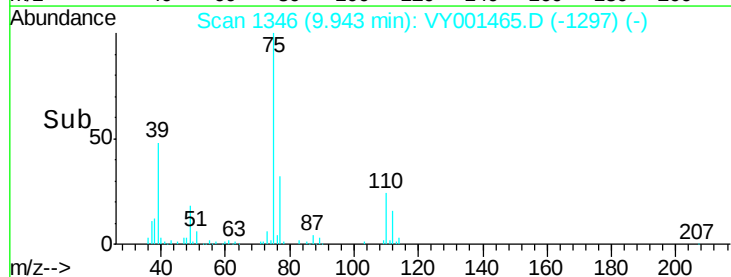
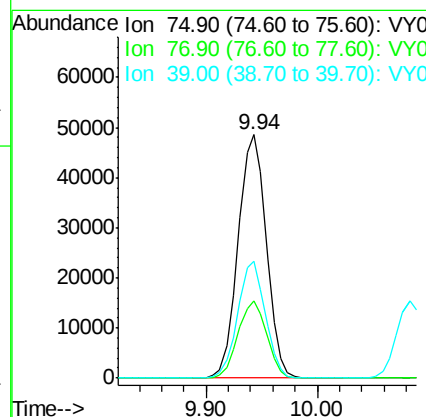
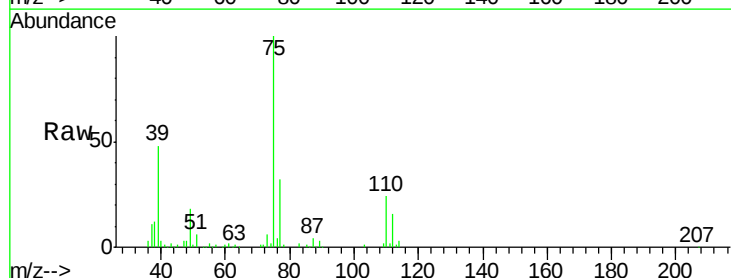
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

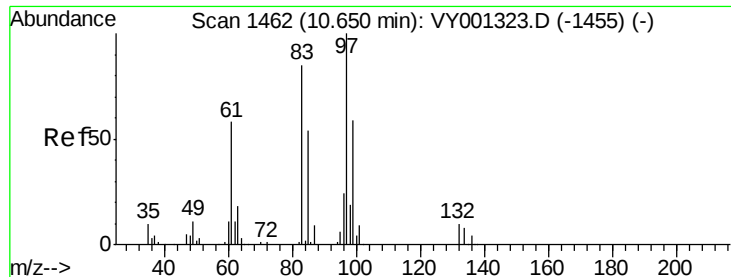
Tgt Ion: 75 Resp: 74342
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 22.44 ug/l
 RT: 9.94 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

Tgt Ion: 75 Resp: 85079
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6
 39 47.9 38.2 57.4

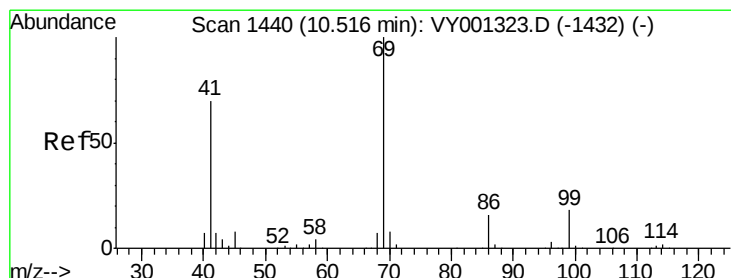
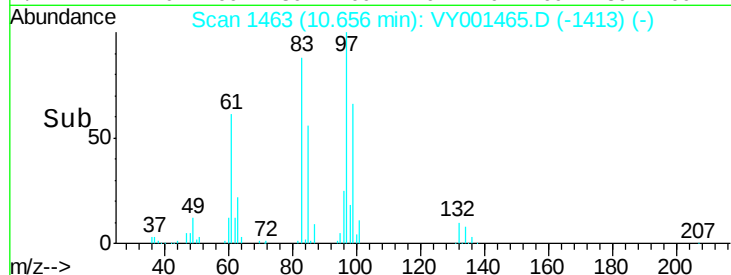
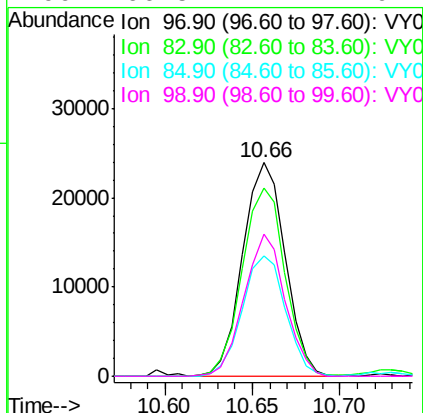
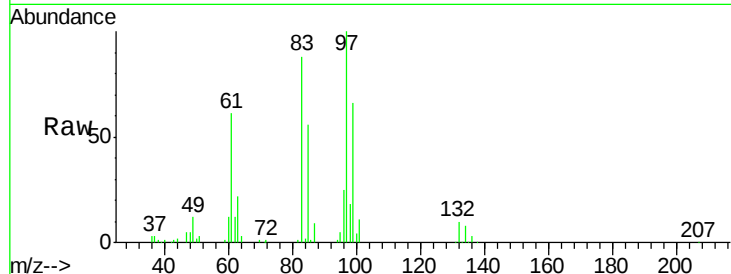




#55
 1,1,2-Trichloroethane
 Concen: 21.87 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

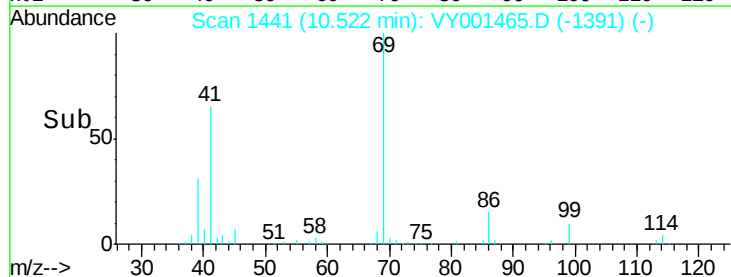
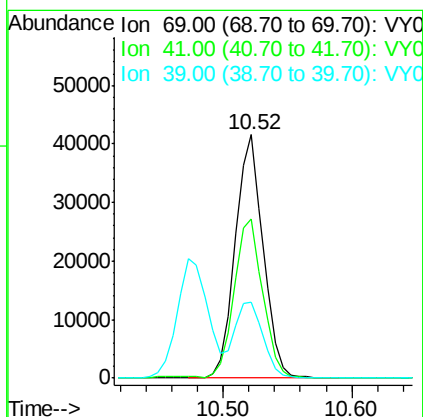
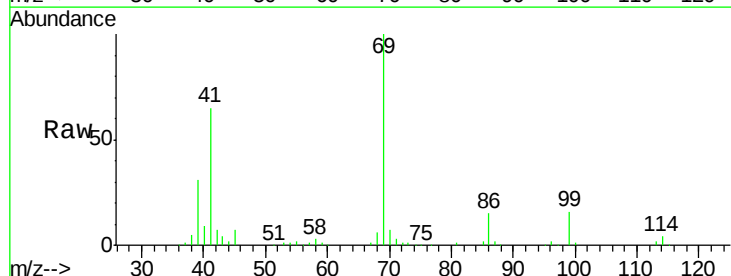
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

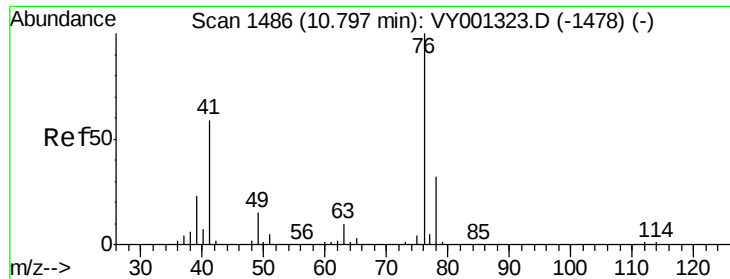
Tgt Ion: 97 Resp: 40244
 Ion Ratio Lower Upper
 97 100
 83 88.6 68.0 102.0
 85 56.4 43.6 65.4
 99 66.5 47.1 70.7



#56
 Ethyl methacrylate
 Concen: 22.41 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

Tgt Ion: 69 Resp: 62332
 Ion Ratio Lower Upper
 69 100
 41 66.8 54.1 81.1
 39 33.1 26.8 40.2

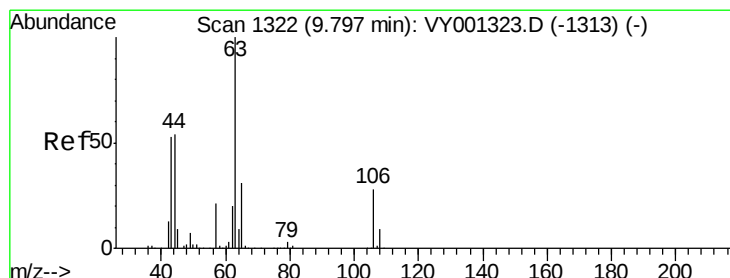
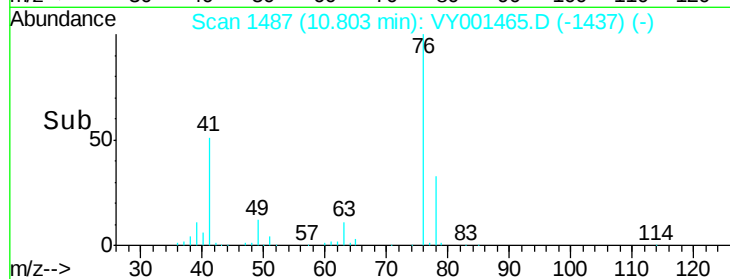
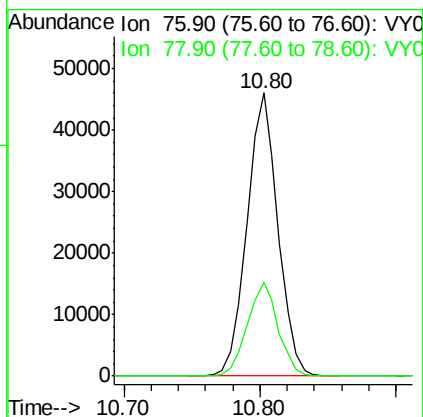
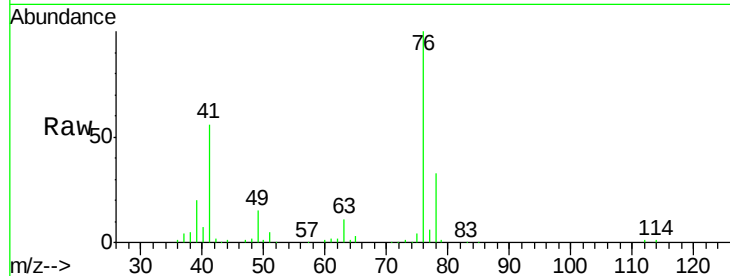




#57
 1,3-Dichloropropane
 Concen: 22.79 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

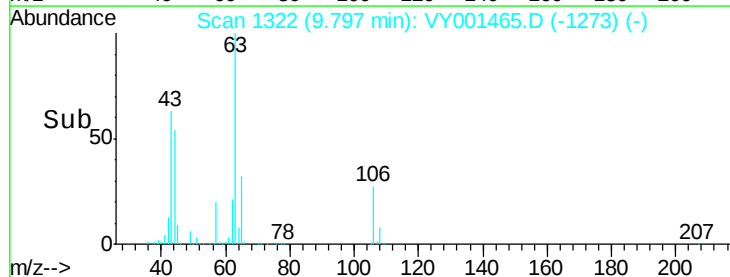
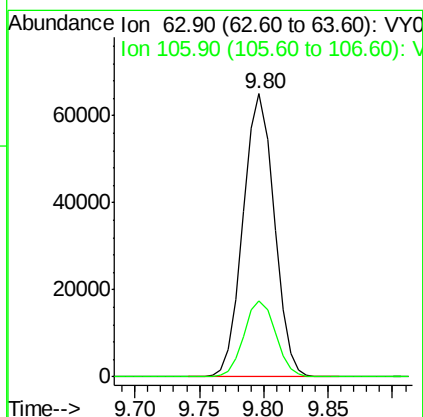
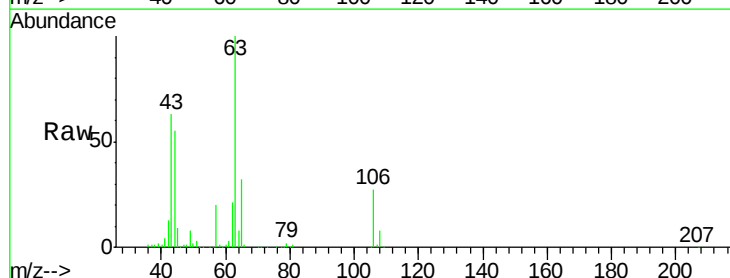
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

Tgt Ion: 76 Resp: 73068
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 112.90 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

Tgt Ion: 63 Resp: 108660
 Ion Ratio Lower Upper
 63 100
 106 27.2 22.5 33.7

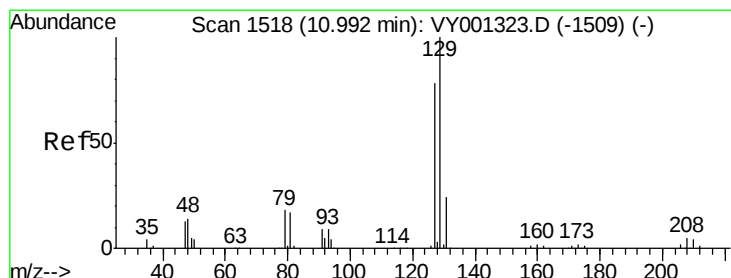
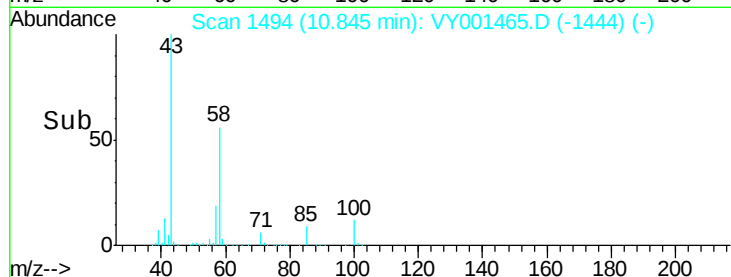
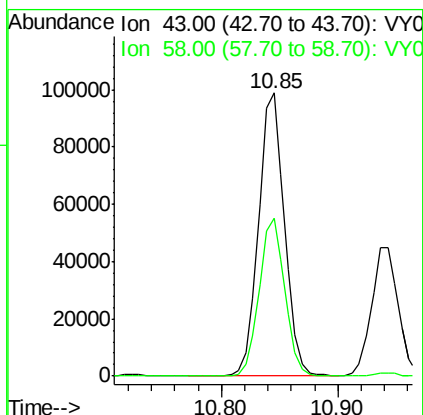
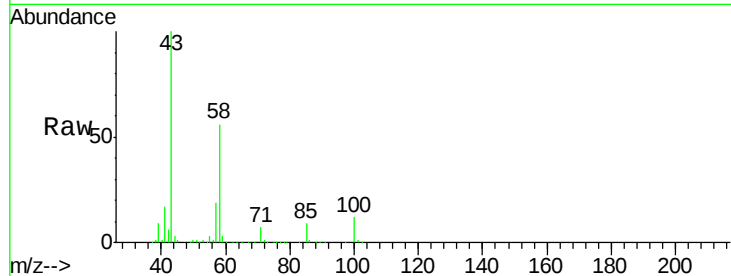




#59
2-Hexanone
Concen: 117.82 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

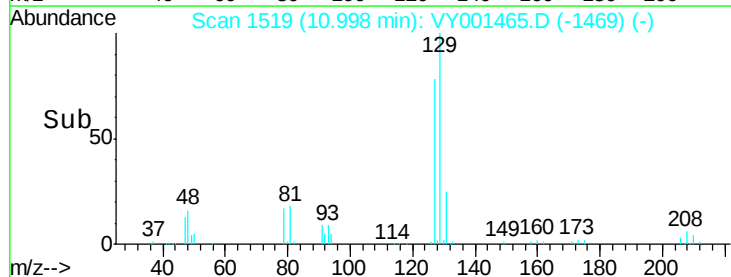
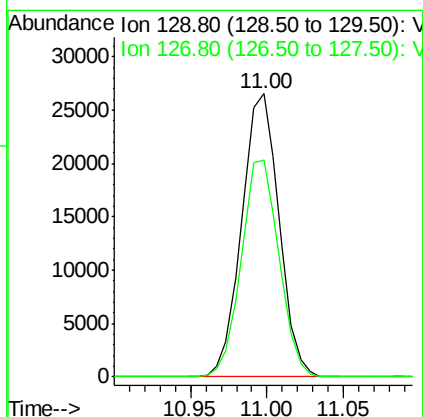
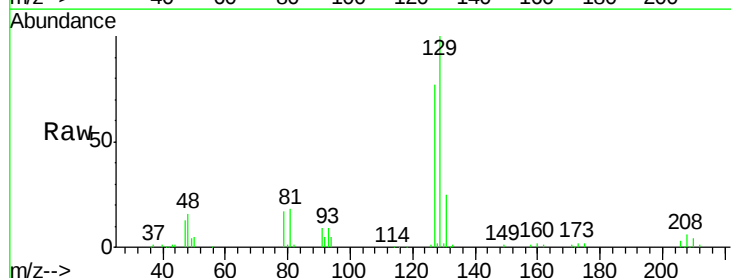
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

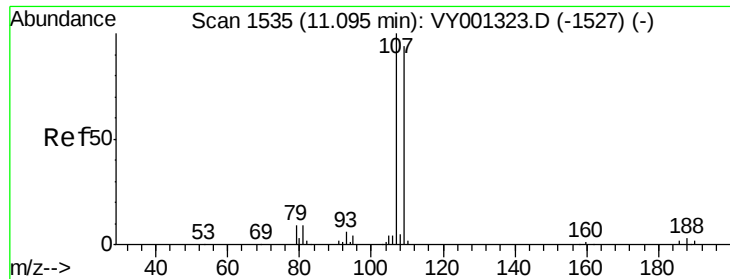
Tgt Ion: 43 Resp: 153749
Ion Ratio Lower Upper
43 100
58 55.0 27.6 82.8



#60
Dibromochloromethane
Concen: 21.87 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Tgt Ion: 129 Resp: 45008
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4

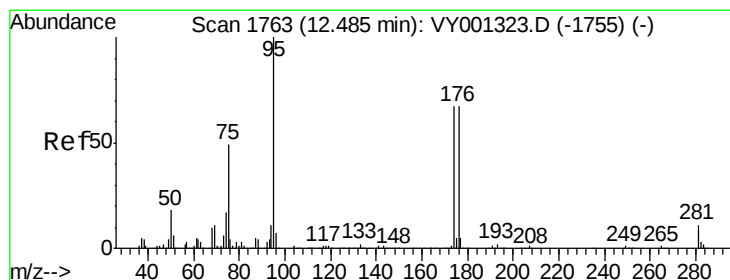
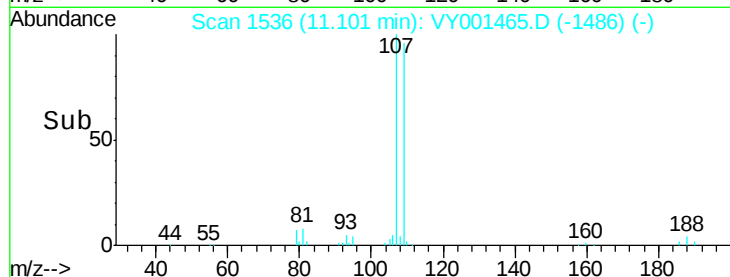
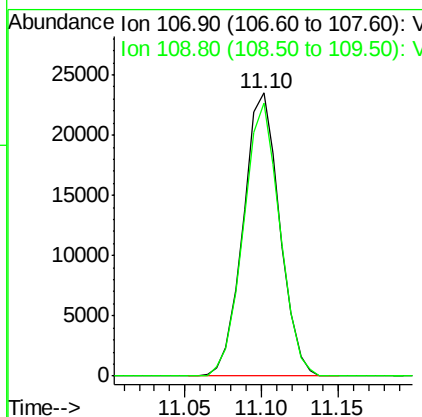
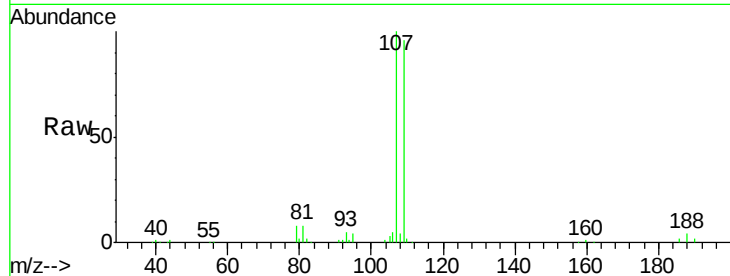




#61
 1,2-Dibromoethane
 Concen: 22.34 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

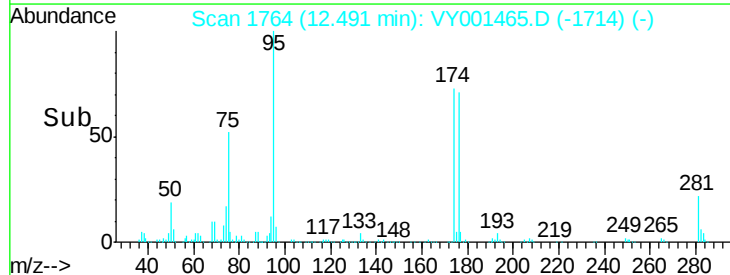
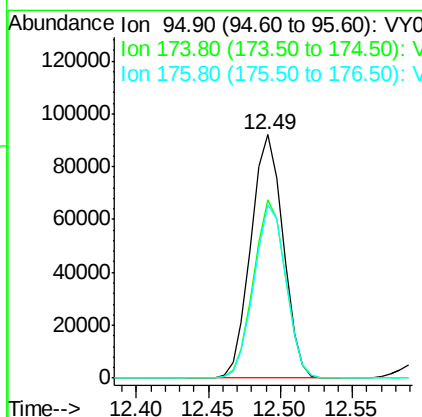
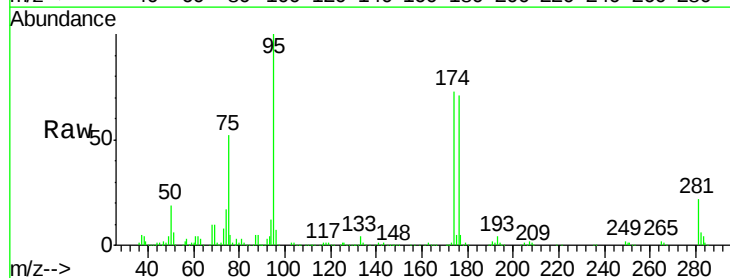
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

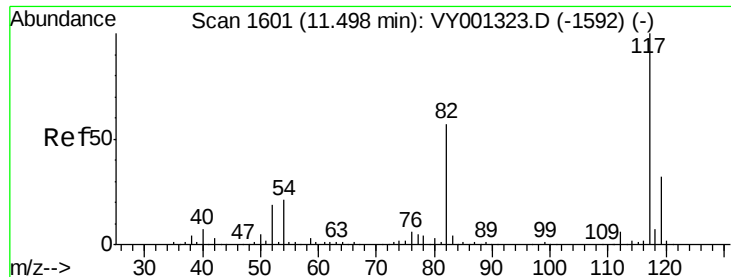
Tgt Ion: 107 Resp: 38866
 Ion Ratio Lower Upper
 107 100
 109 96.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.44 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

Tgt Ion: 95 Resp: 142638
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 142.0
 176 70.9 0.0 138.6

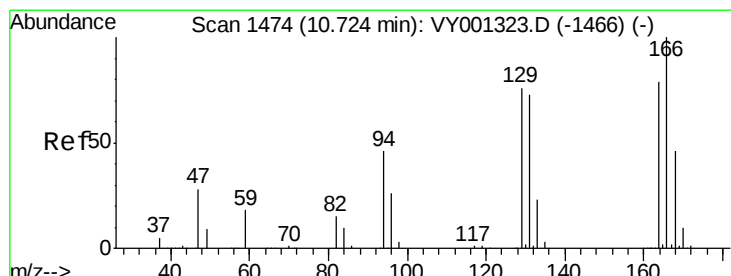
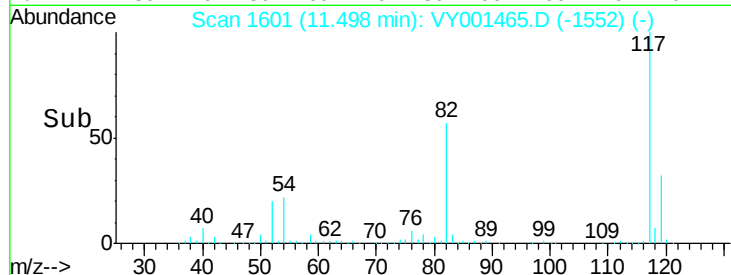
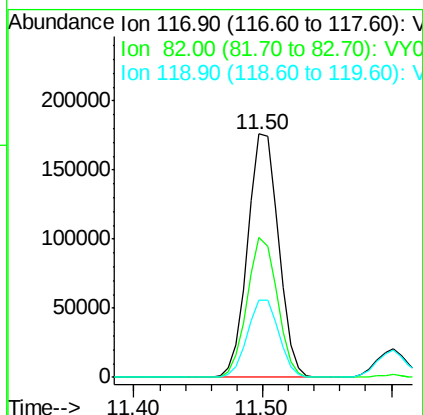
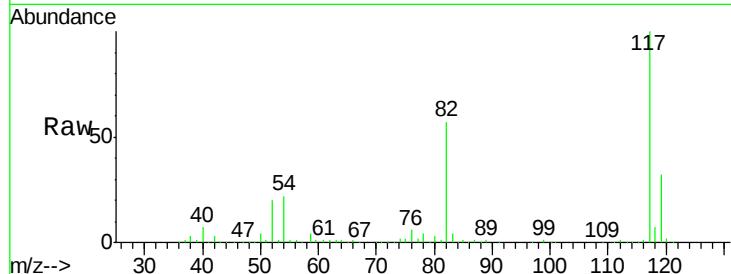




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

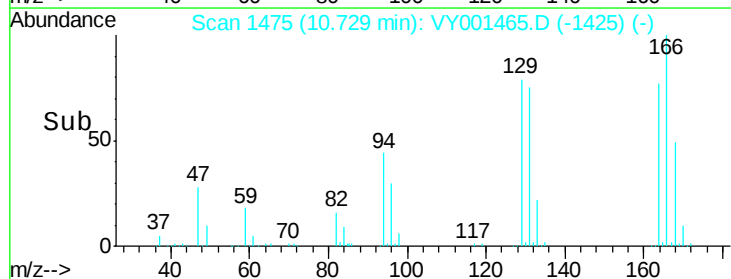
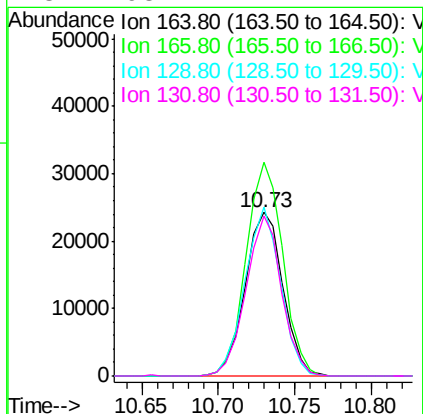
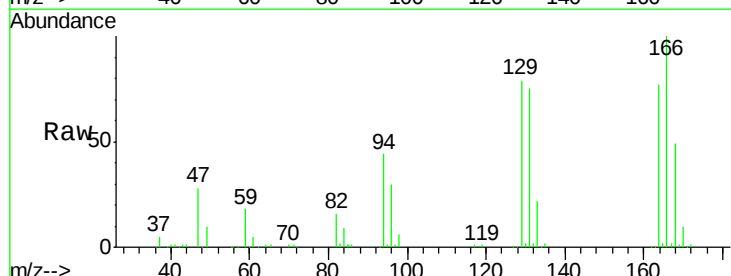
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tgt Ion:117 Resp: 290090
Ion Ratio Lower Upper
117 100
82 57.5 45.5 68.3
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 22.40 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Tgt Ion:164 Resp: 41508
Ion Ratio Lower Upper
164 100
166 130.6 101.8 152.8
129 103.0 77.1 115.7
131 98.2 74.2 111.2

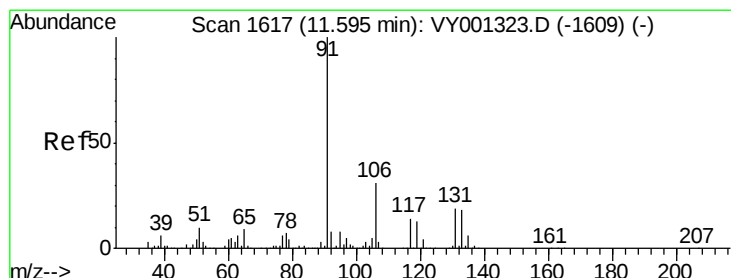
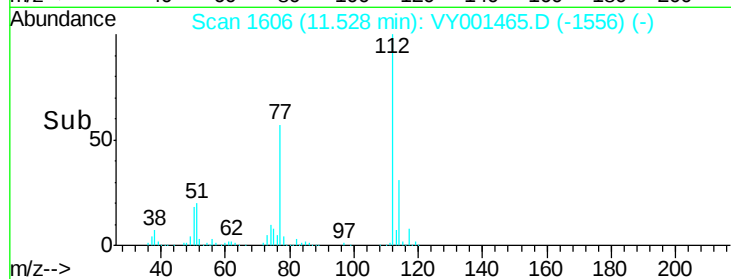
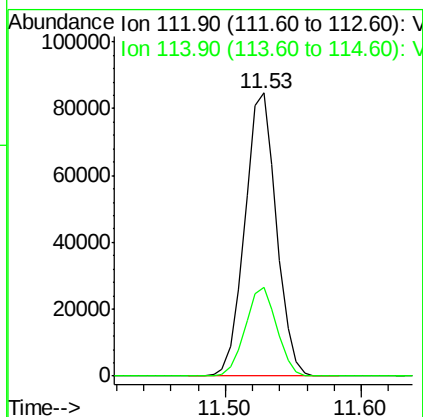
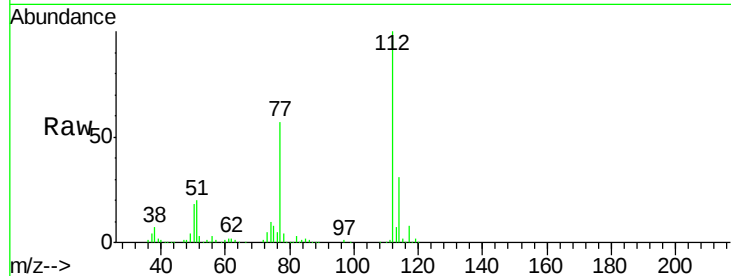




#65
Chlorobenzene
Concen: 22.44 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

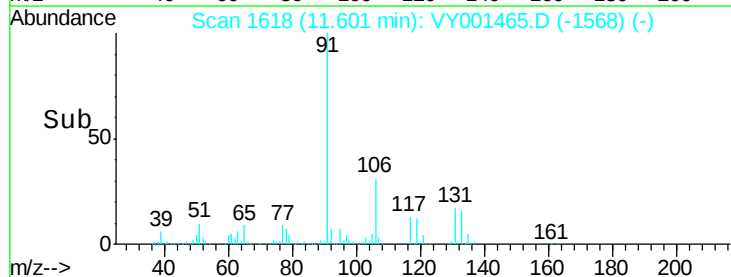
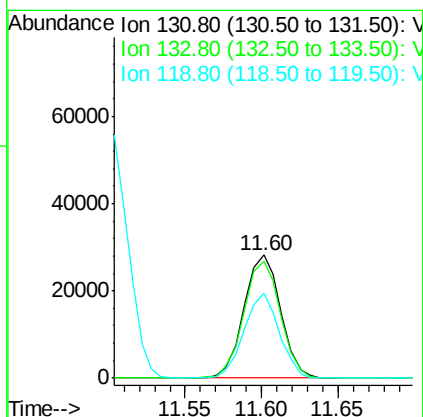
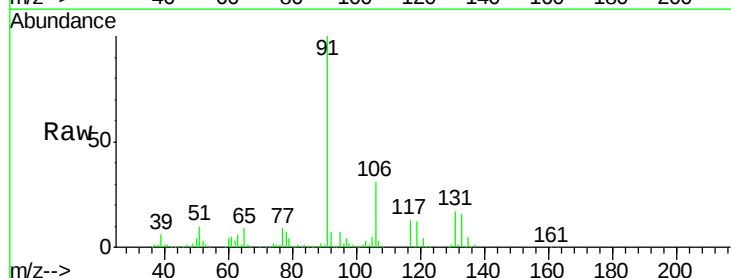
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

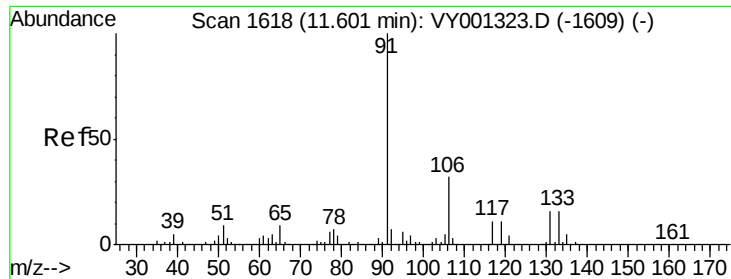
Tgt Ion:112 Resp: 137223
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.46 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Tgt Ion:131 Resp: 46864
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.3
119 66.5 34.1 102.2

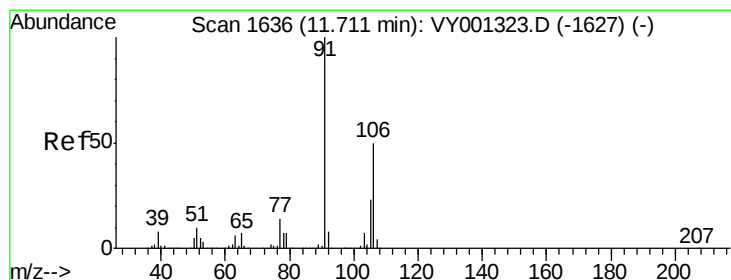
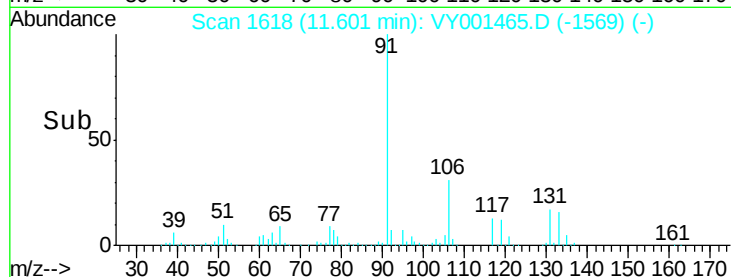
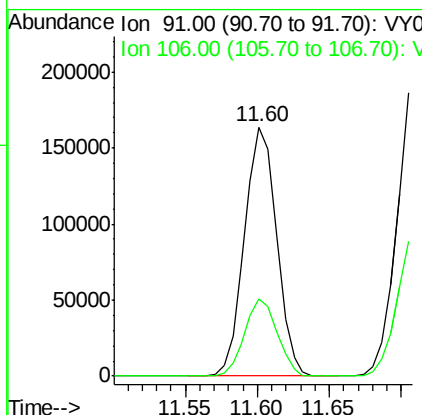
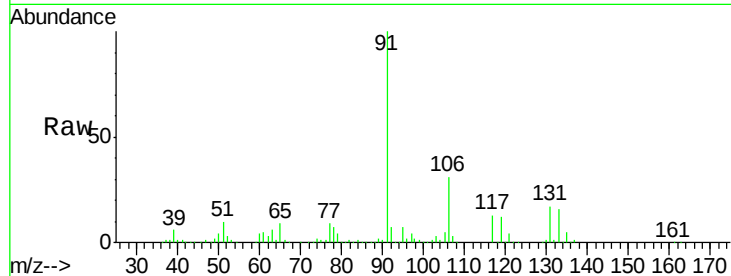




#67
Ethyl Benzene
Concen: 22.49 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

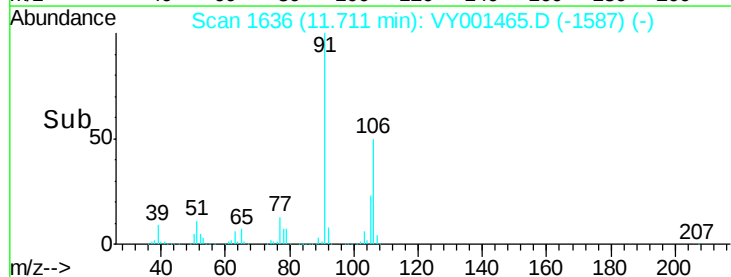
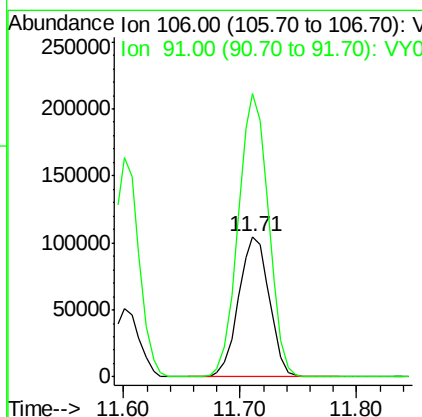
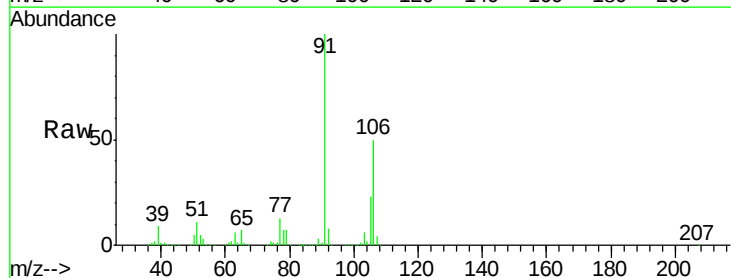
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Tgt Ion: 91 Resp: 253454
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0



#68
m/p-Xylenes
Concen: 45.48 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Tgt Ion: 106 Resp: 191428
Ion Ratio Lower Upper
106 100
91 199.6 162.8 244.2

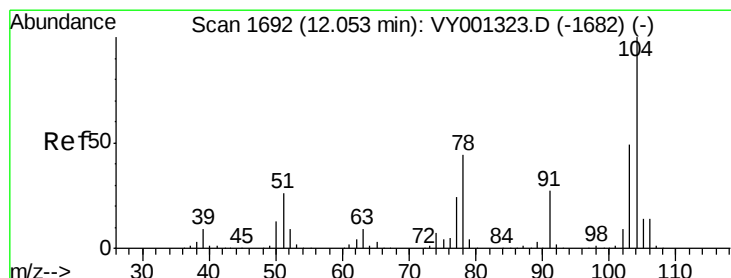
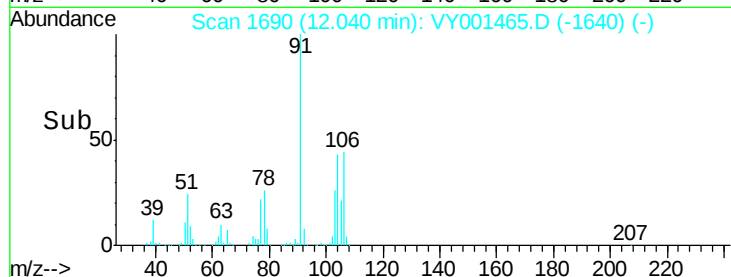
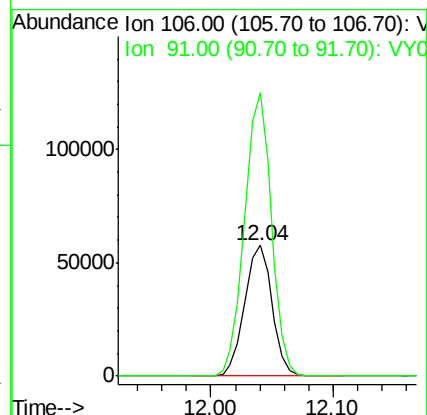
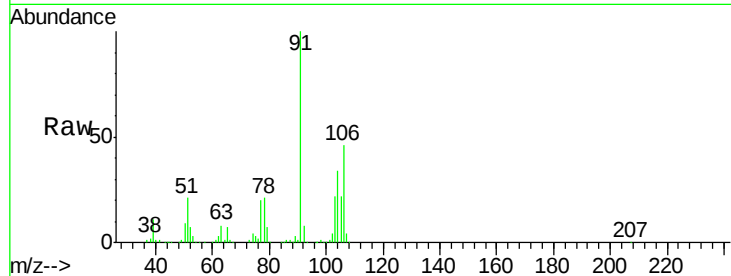




#69
o-Xylene
Concen: 22.20 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

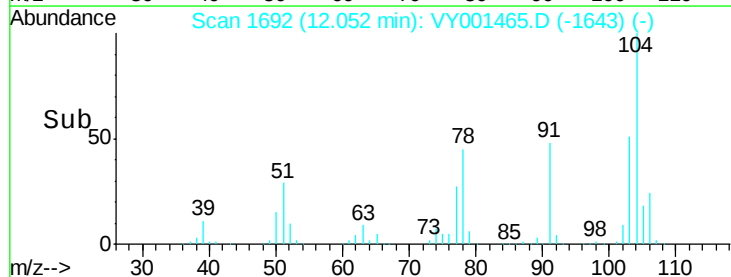
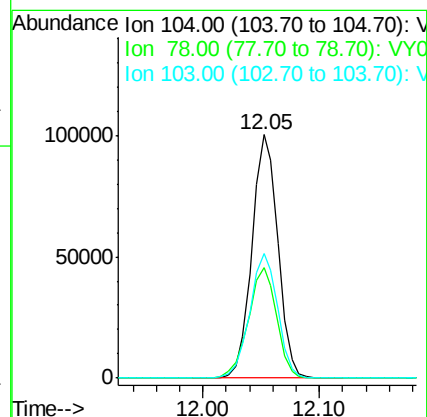
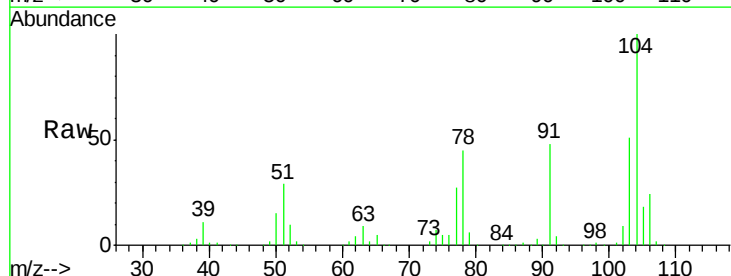
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

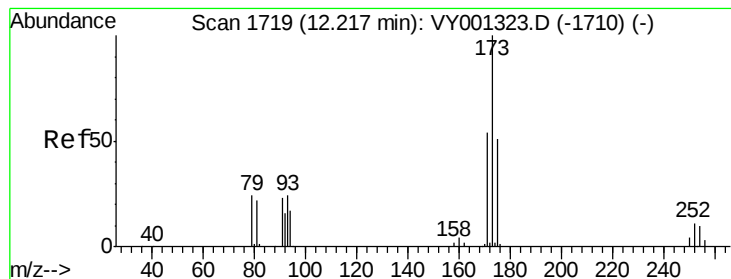
Tgt Ion:106 Resp: 89878
Ion Ratio Lower Upper
106 100
91 212.1 106.3 319.0



#70
Styrene
Concen: 21.95 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Tgt Ion:104 Resp: 155953
Ion Ratio Lower Upper
104 100
78 49.4 39.8 59.8
103 54.9 43.2 64.8





#71

Bromoform

Concen: 21.81 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

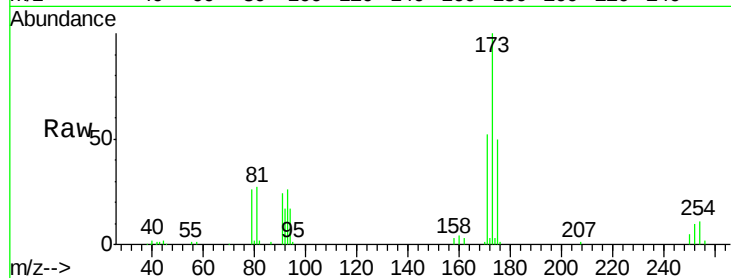
Tgt Ion:173 Resp: 27165

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.9

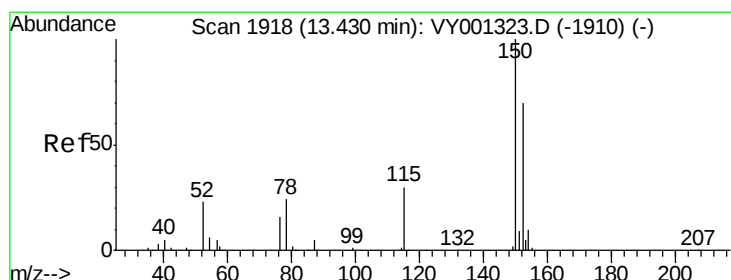
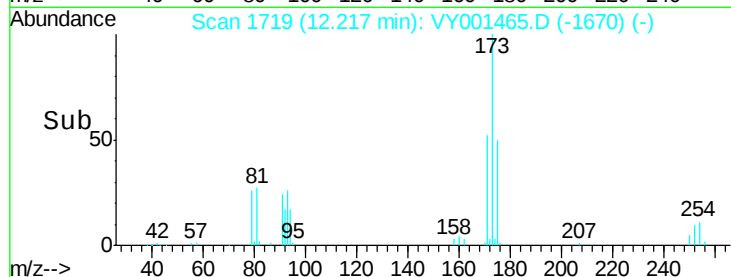
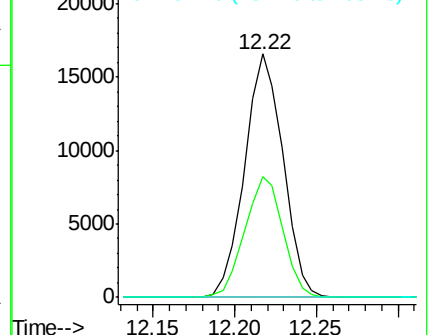
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

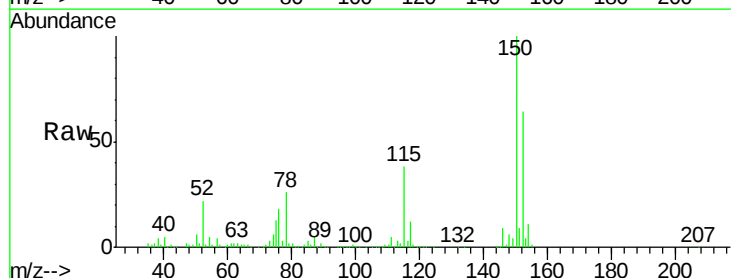
Tgt Ion:152 Resp: 140823

Ion Ratio Lower Upper

152 100

115 61.1 30.9 92.8

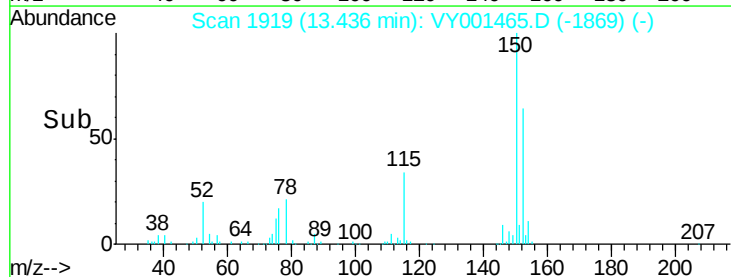
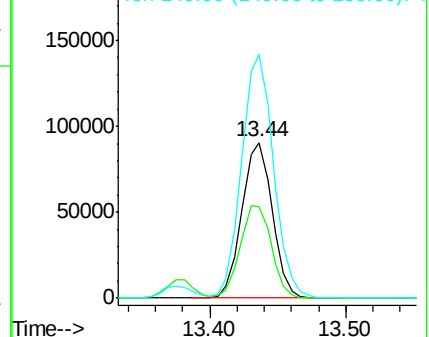
150 165.2 0.0 349.2

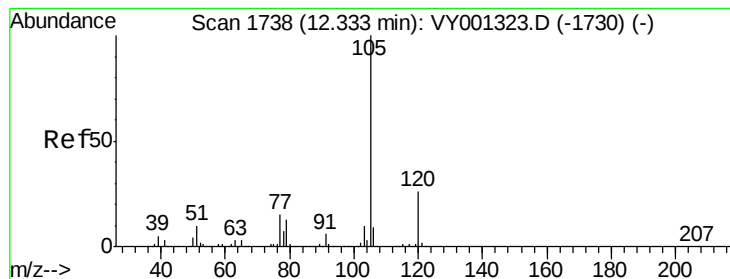


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.97 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

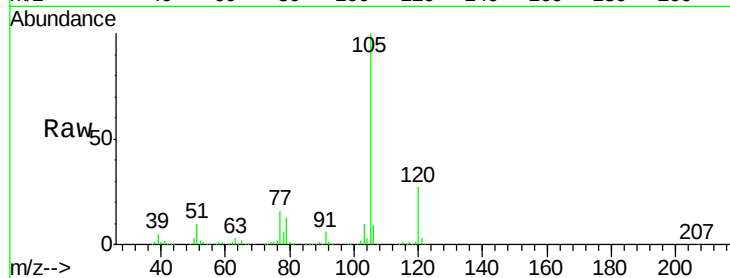
VY0203SBS01

Tgt Ion: 105 Resp: 244185

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.34

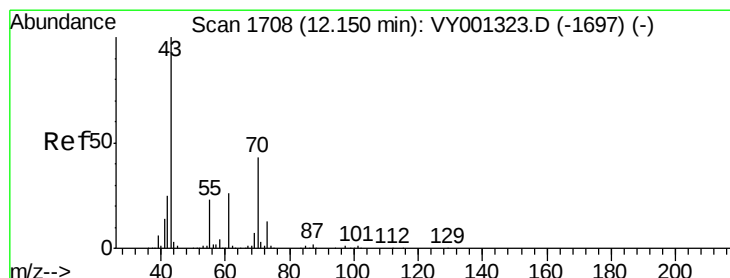
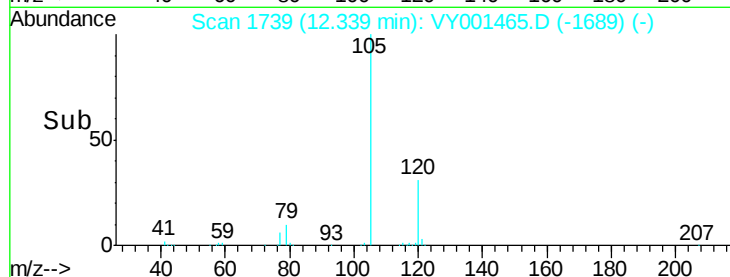
150000

100000

50000

0

Time--> 12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 21.62 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Tgt Ion: 43 Resp: 78650

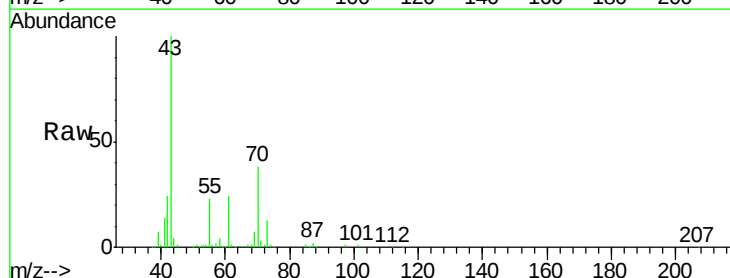
Ion Ratio Lower Upper

43 100

70 41.6 33.5 50.3

55 23.0 18.2 27.2

61 24.5 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

80000

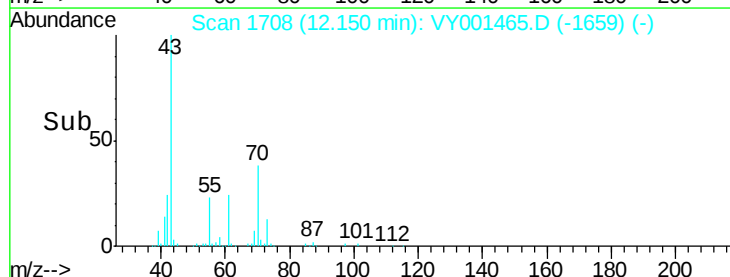
60000

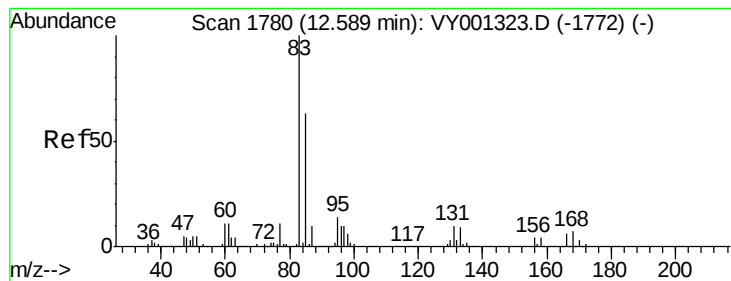
40000

20000

0

Time--> 12.05 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 21.99 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

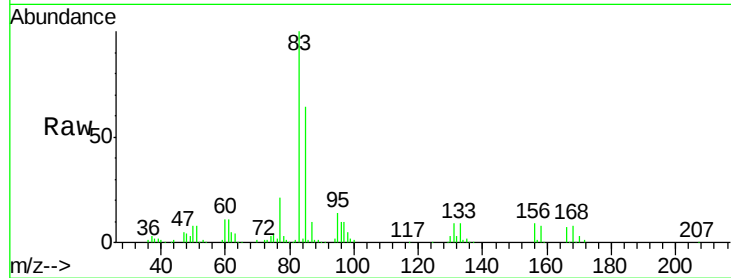
Tgt Ion: 83 Resp: 52340

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

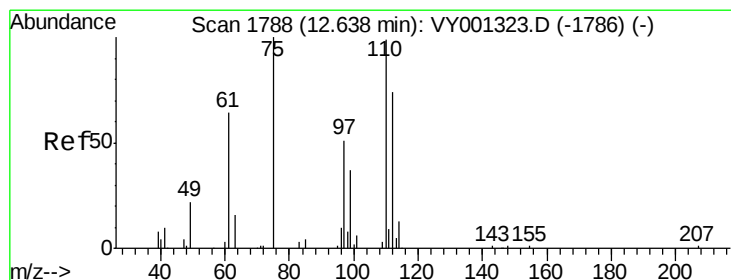
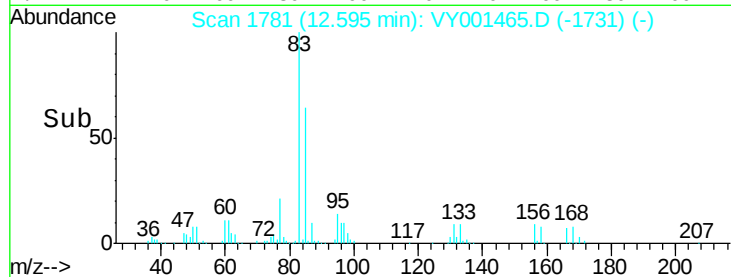
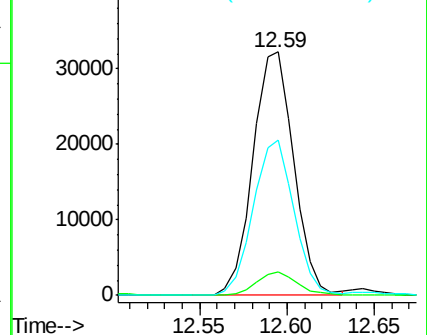
85 63.6 31.4 94.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 39.98 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001465.D

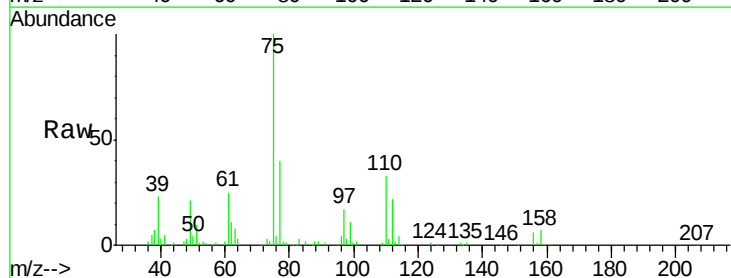
Acq: 03 Feb 2020 11:47

Tgt Ion: 75 Resp: 67841

Ion Ratio Lower Upper

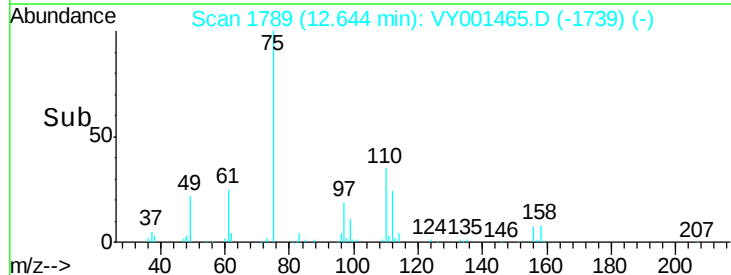
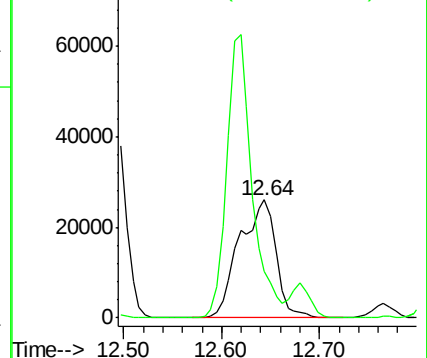
75 100

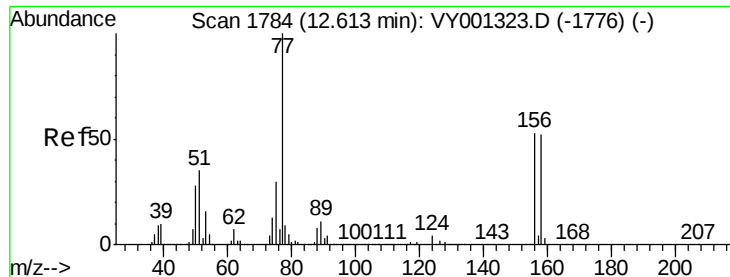
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.43 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

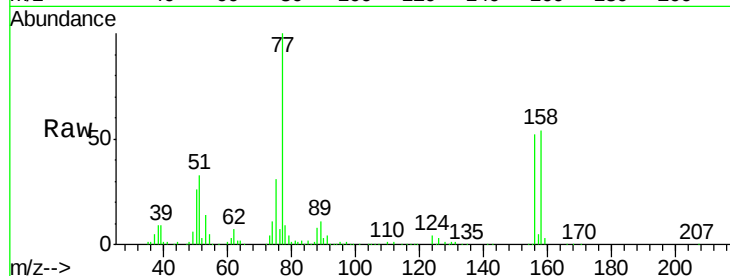
Tgt Ion:156 Resp: 52746

Ion Ratio Lower Upper

156 100

77 213.0 104.7 313.9

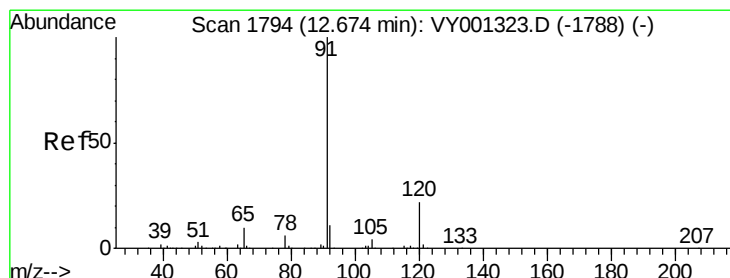
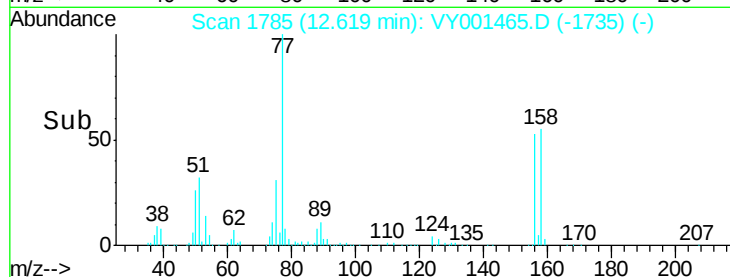
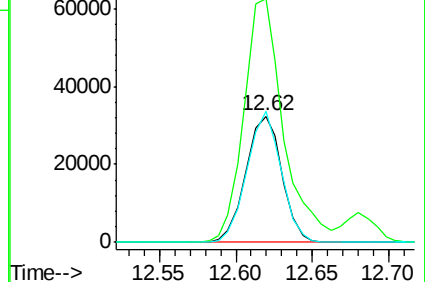
158 98.3 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.11 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001465.D

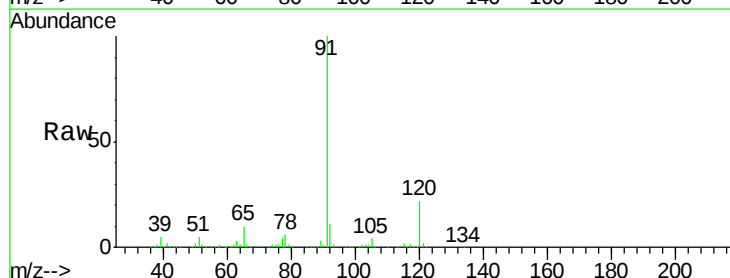
Acq: 03 Feb 2020 11:47

Tgt Ion: 91 Resp: 295734

Ion Ratio Lower Upper

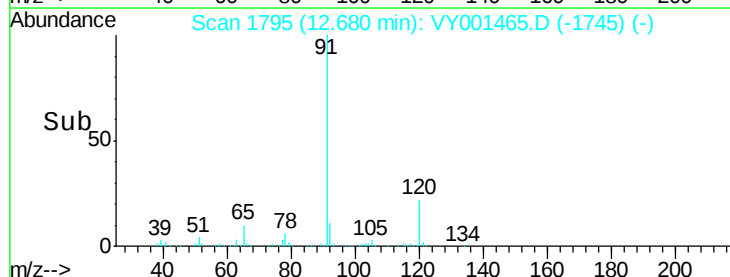
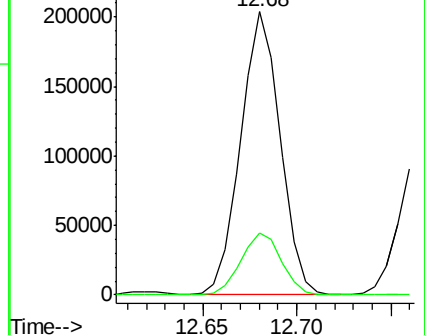
91 100

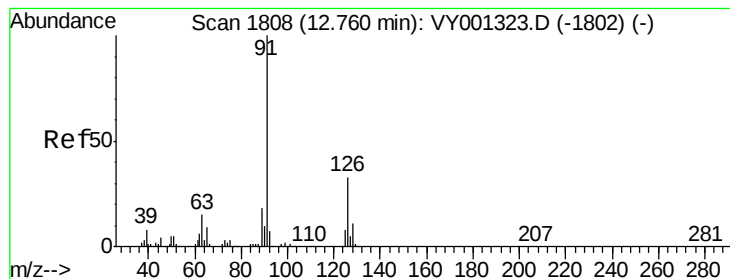
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.86 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

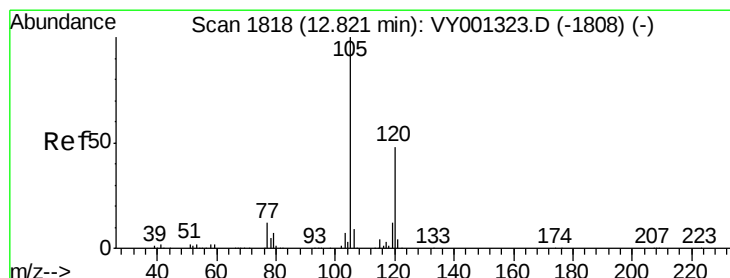
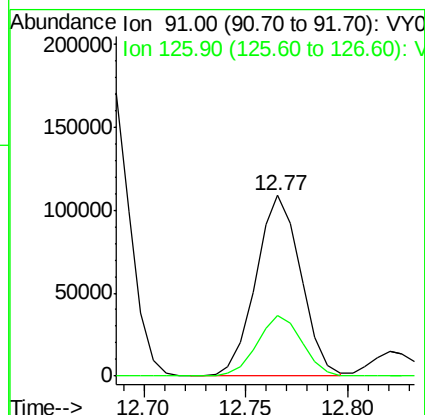
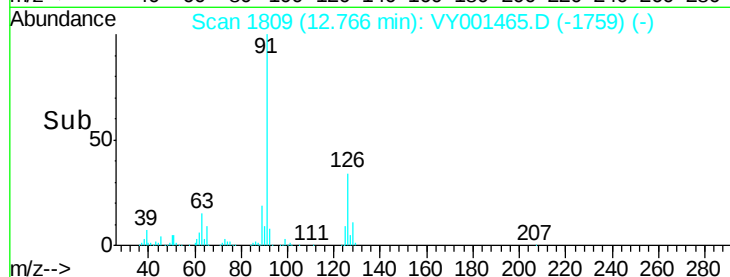
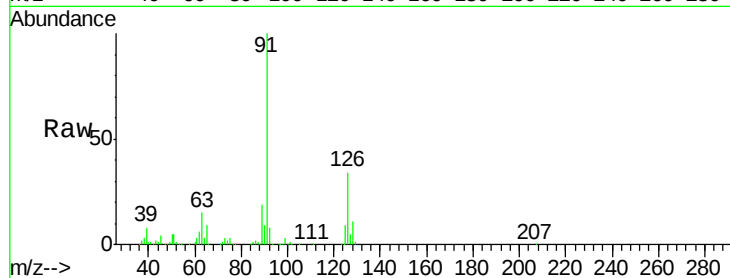
VY0203SBS01

Tgt Ion: 91 Resp: 167054

Ion Ratio Lower Upper

91 100

126 33.4 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 22.00 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY001465.D

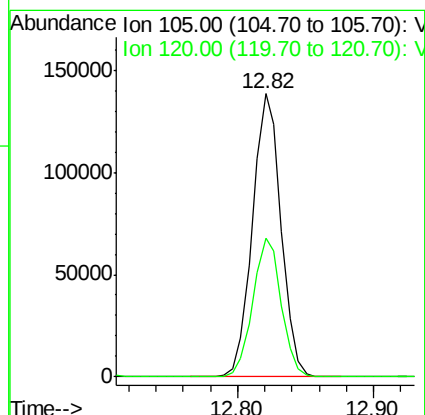
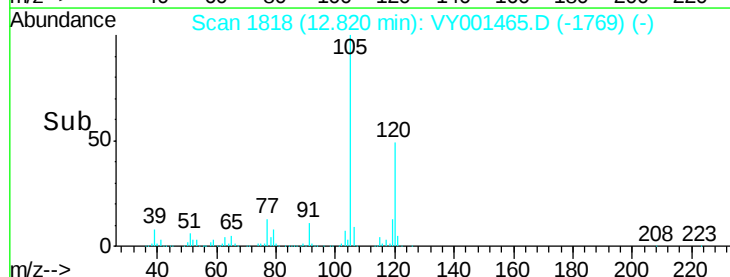
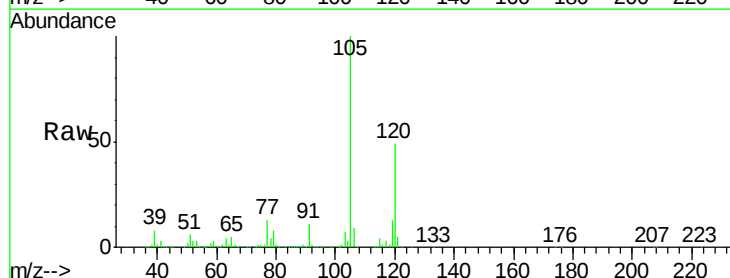
Acq: 03 Feb 2020 11:47

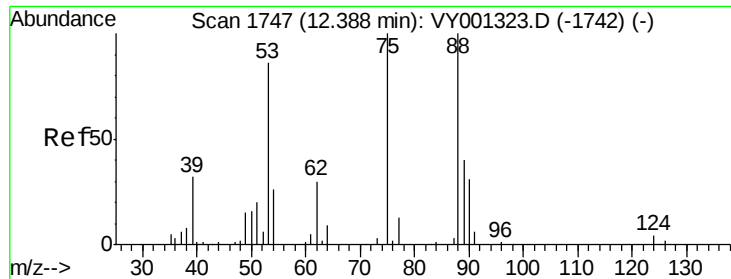
Tgt Ion: 105 Resp: 204071

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.9

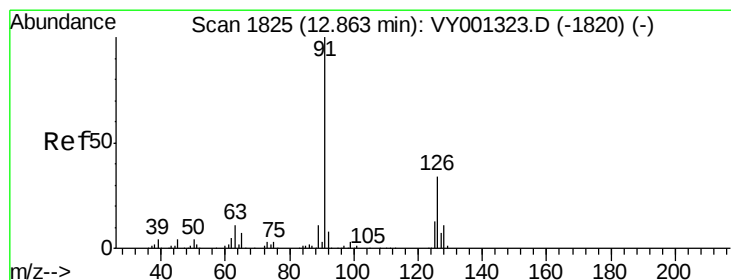
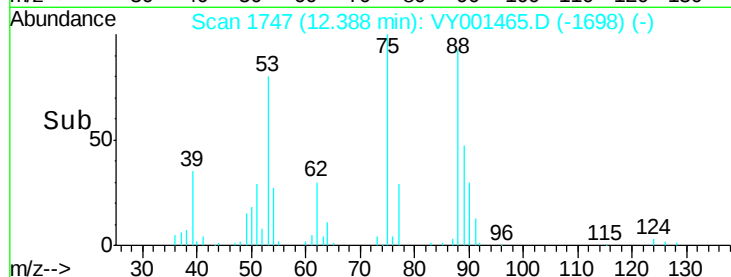
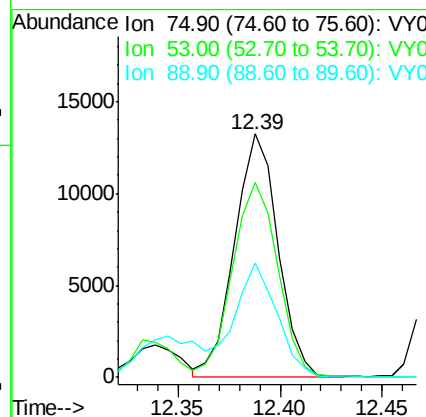
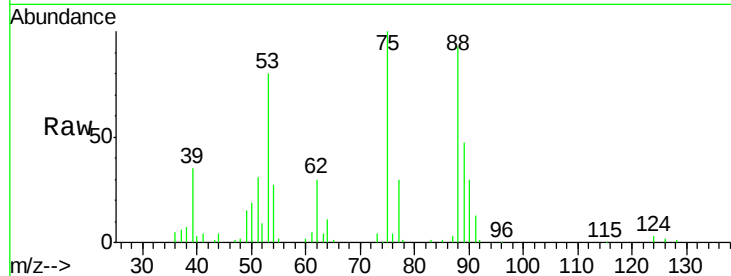




#81
trans-1,4-Dichloro-2-butene
Concen: 21.87 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

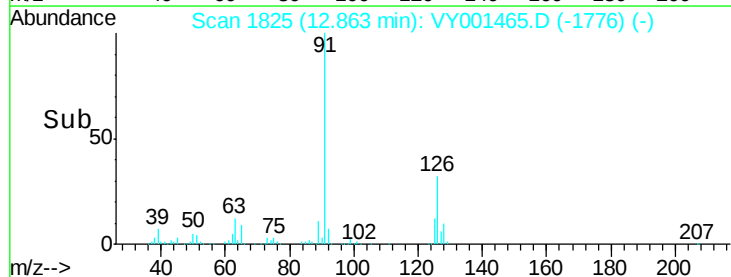
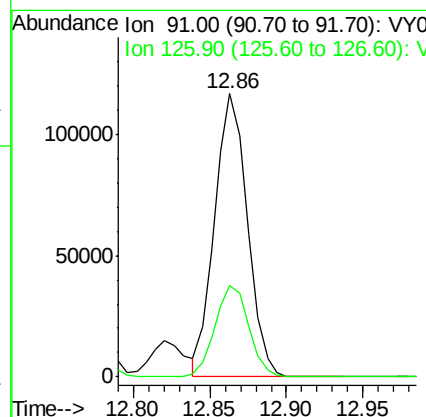
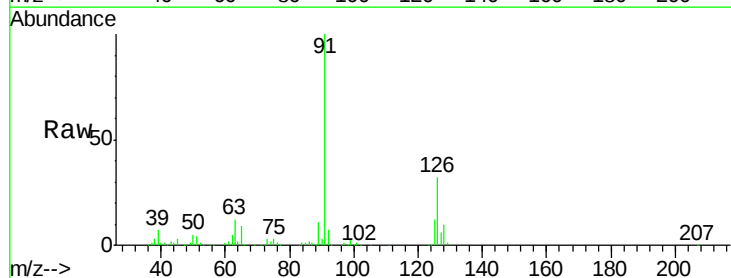
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

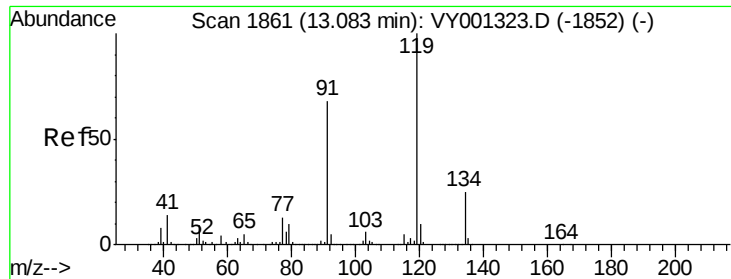
Tgt Ion: 75 Resp: 19615
Ion Ratio Lower Upper
75 100
53 83.4 69.9 104.9
89 46.0 36.6 54.8



#82
4-Chlorotoluene
Concen: 21.31 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Tgt Ion: 91 Resp: 173921
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.4

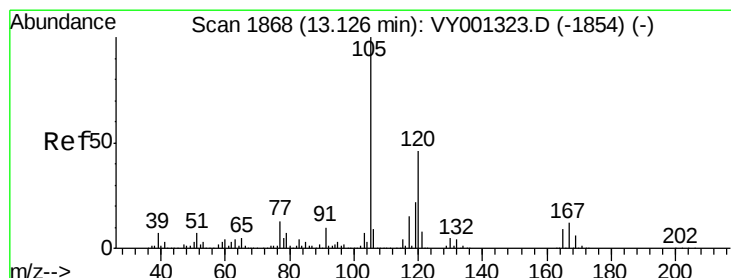
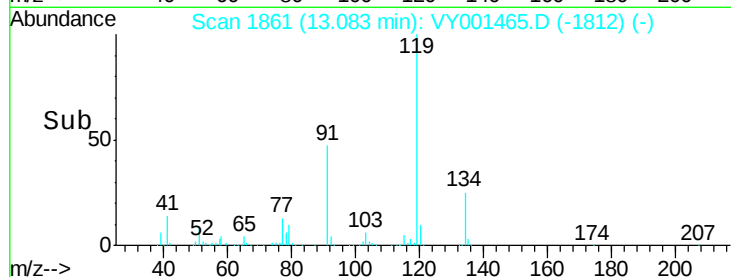
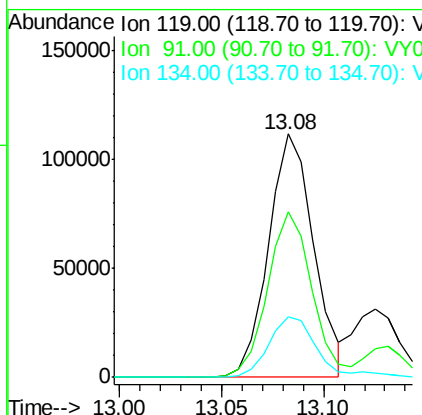
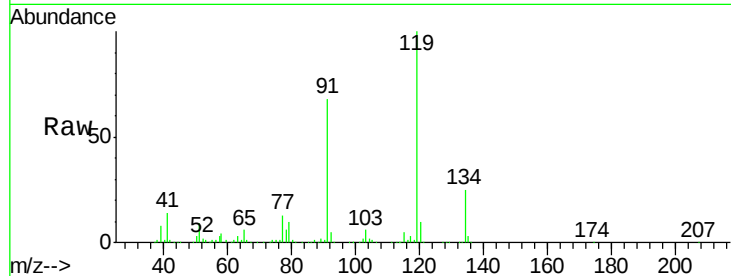




#83
 tert-Butylbenzene
 Concen: 22.00 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

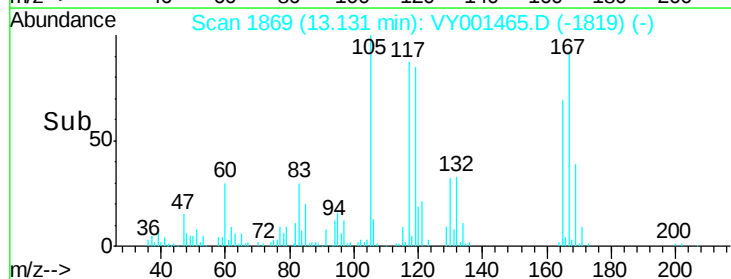
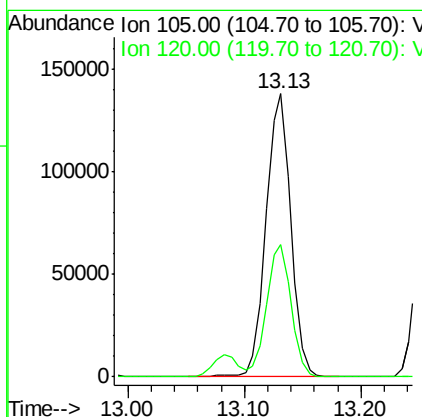
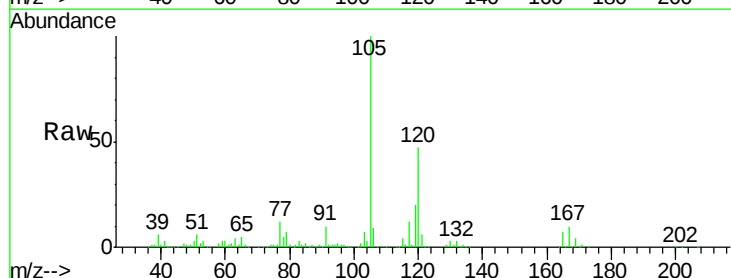
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

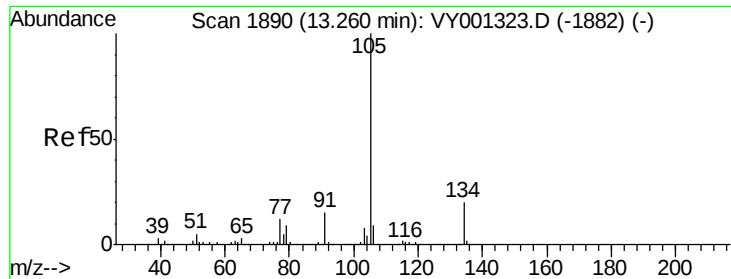
Tgt Ion:119 Resp: 172013
 Ion Ratio Lower Upper
 119 100
 91 67.1 33.0 99.0
 134 27.1 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 21.99 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

Tgt Ion:105 Resp: 204771
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.4 67.3

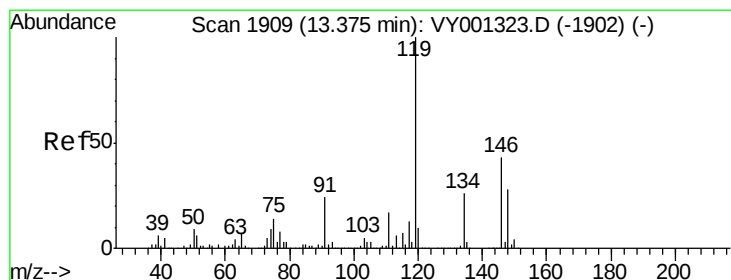
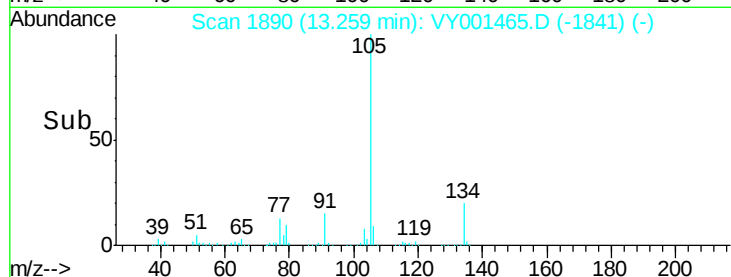
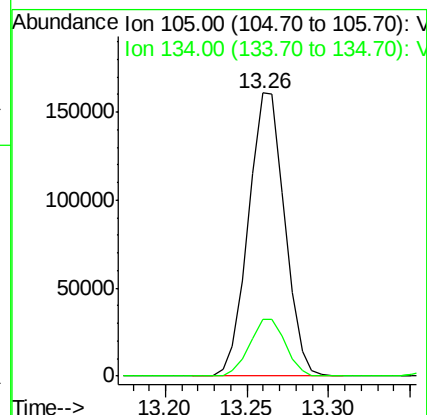
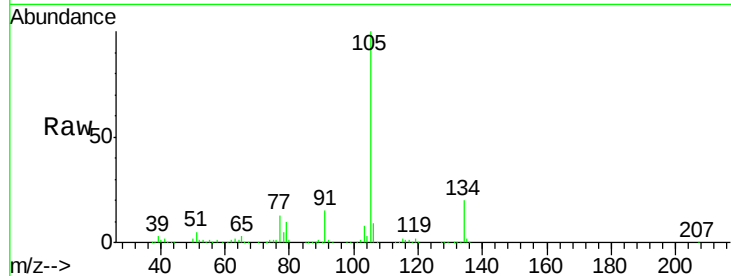




#85
 sec-Butylbenzene
 Concen: 22.43 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

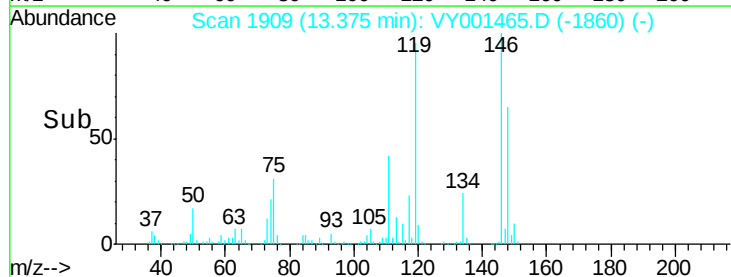
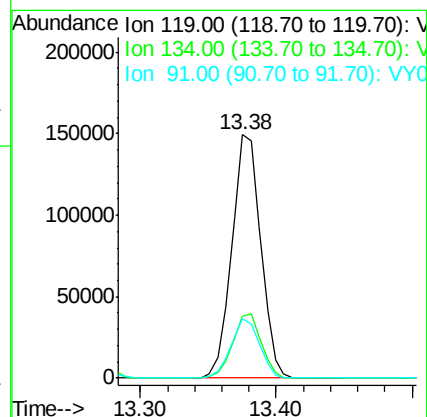
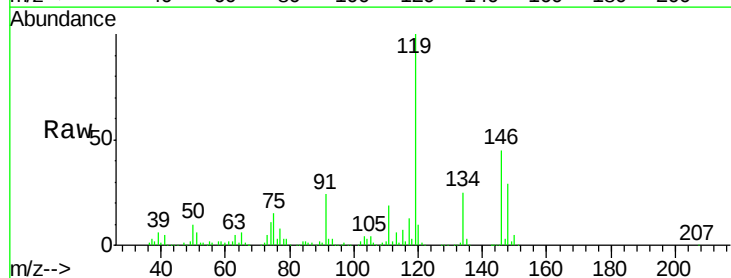
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

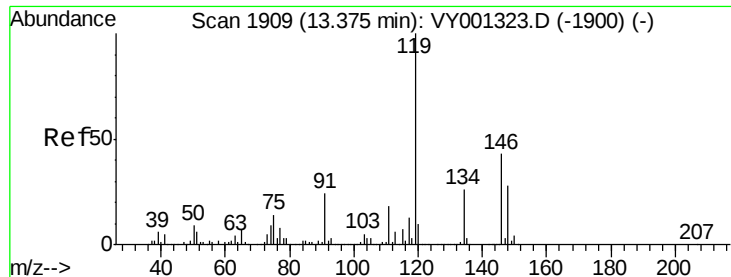
Tgt Ion:105 Resp: 249184
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 22.47 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

Tgt Ion:119 Resp: 220014
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 23.8 12.2 36.6

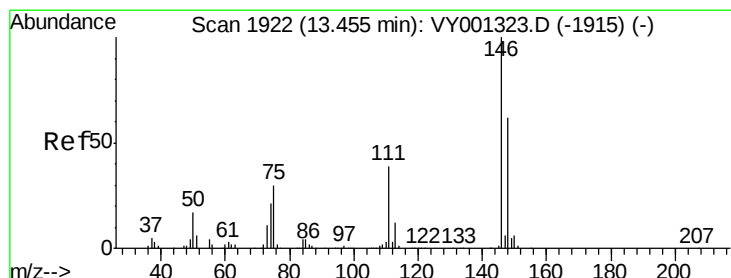
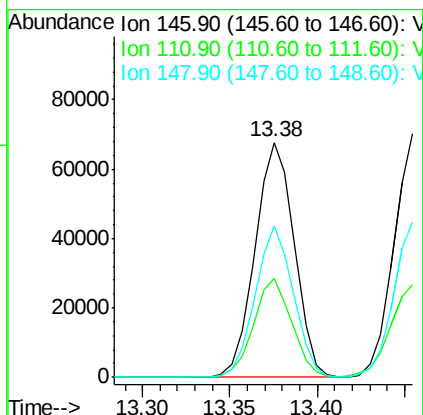
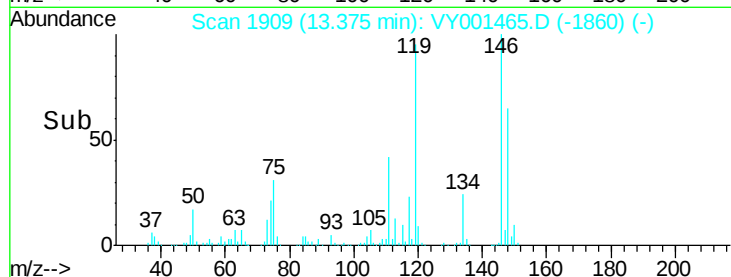
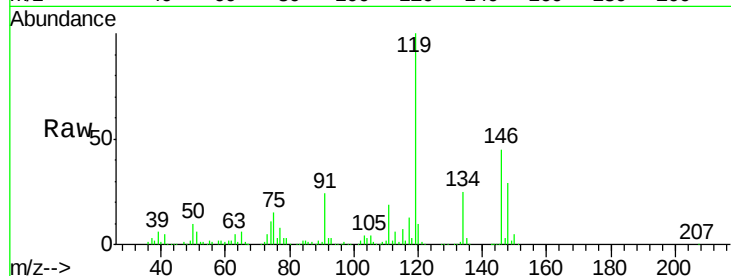




#87
 1,3-Dichlorobenzene
 Concen: 22.18 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

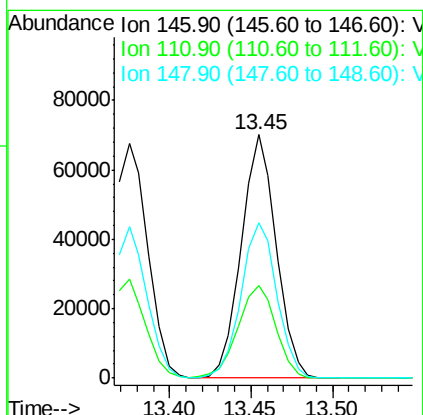
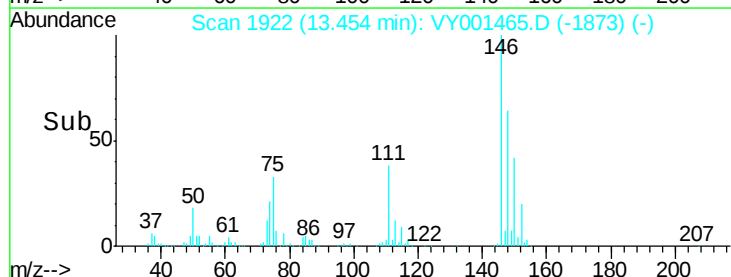
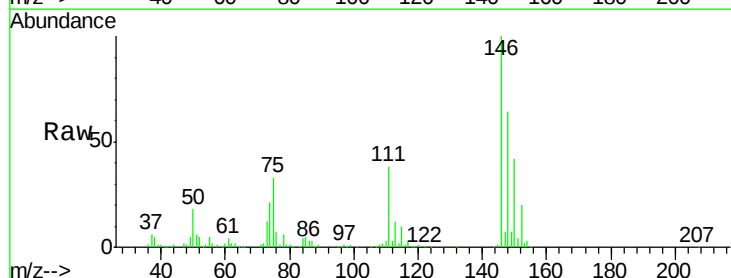
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

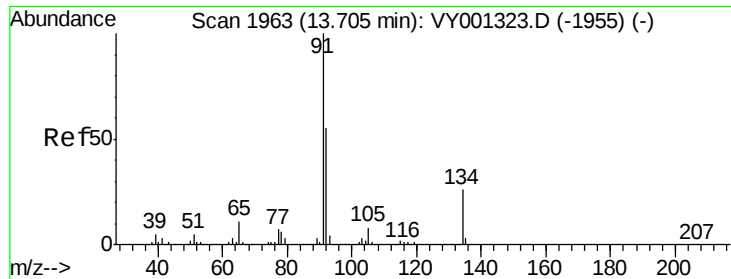
Tgt Ion:146 Resp: 105124
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.8
 148 62.7 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 21.77 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

Tgt Ion:146 Resp: 104767
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.5 61.5
 148 65.3 31.6 95.0

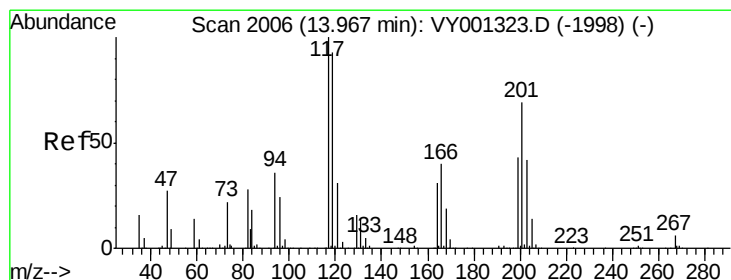
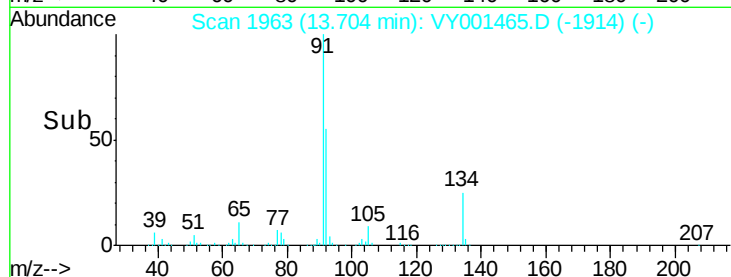
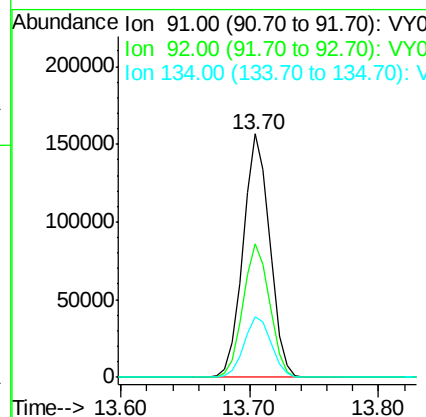
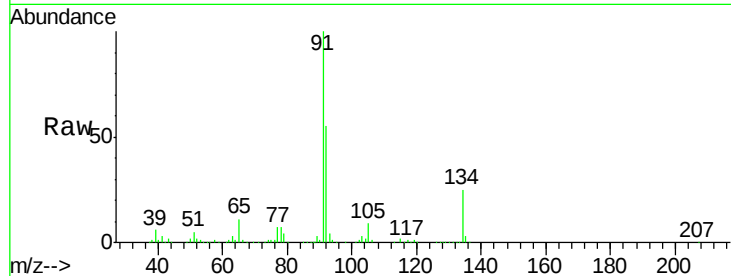




#89
n-Butylbenzene
Concen: 22.61 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

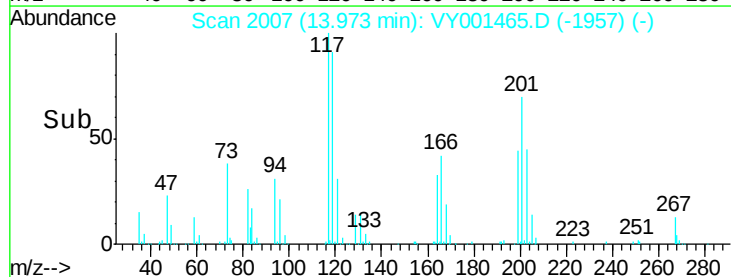
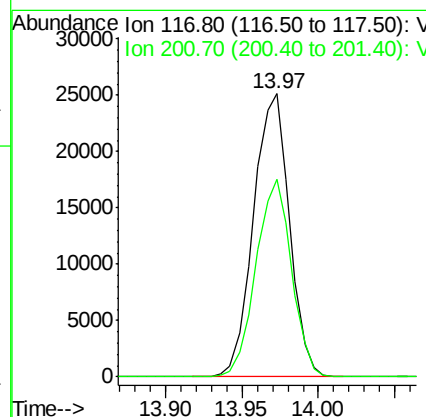
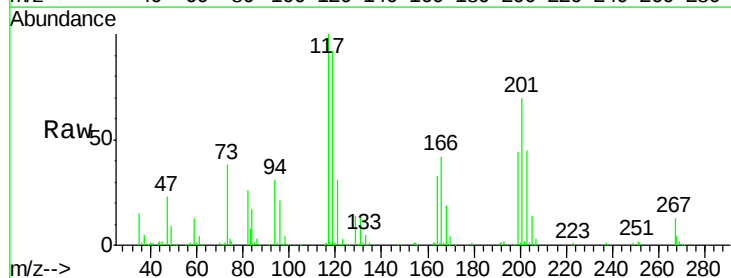
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

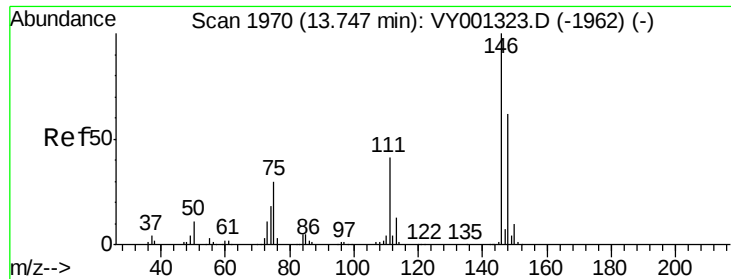
Tgt Ion: 91 Resp: 222745
Ion Ratio Lower Upper
91 100
92 54.9 27.6 82.8
134 25.3 12.9 38.6



#90
Hexachloroethane
Concen: 22.12 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001465.D
Acq: 03 Feb 2020 11:47

Tgt Ion: 117 Resp: 41044
Ion Ratio Lower Upper
117 100
201 69.1 34.6 103.8

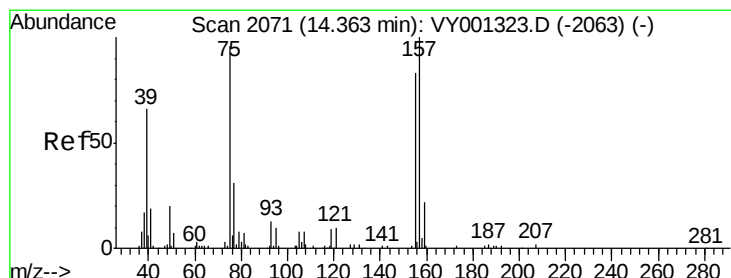
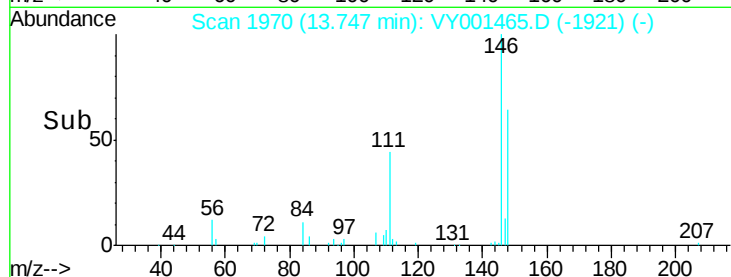
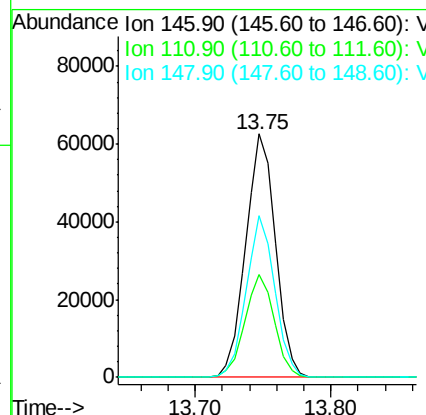
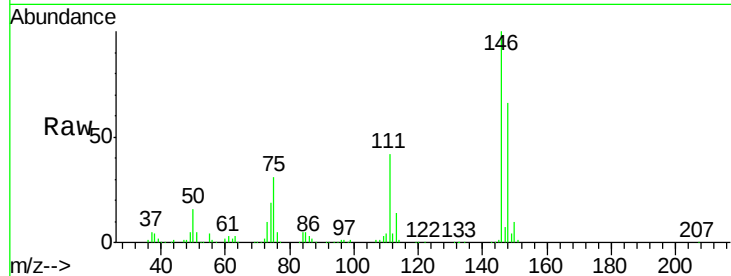




#91
 1,2-Dichlorobenzene
 Concen: 21.88 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

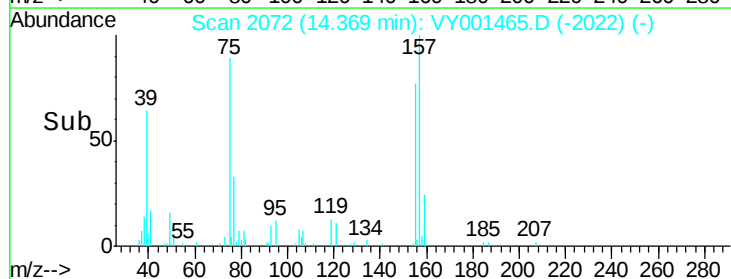
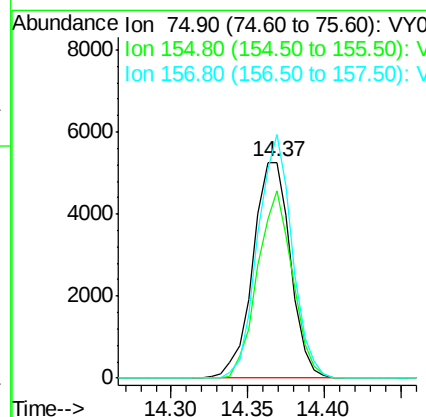
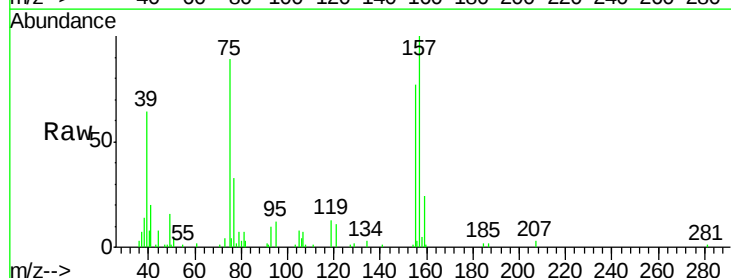
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

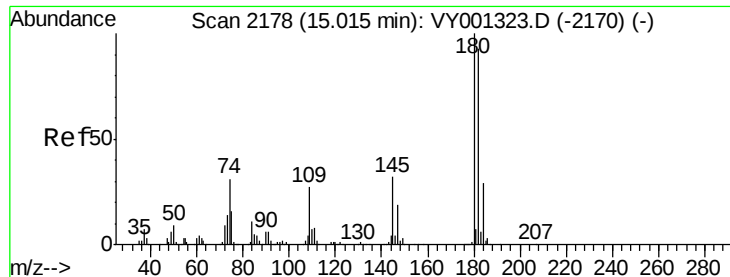
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.1	63.4
148	63.8	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.88 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.9	43.0	129.2
157	103.3	53.3	160.0

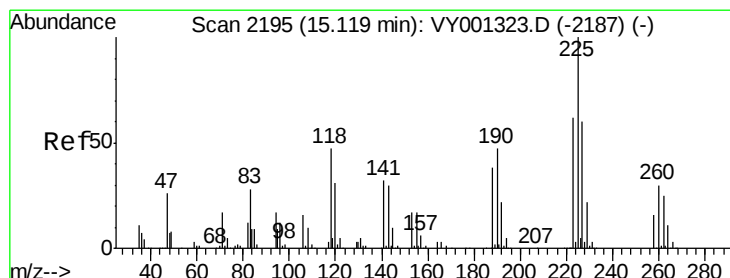
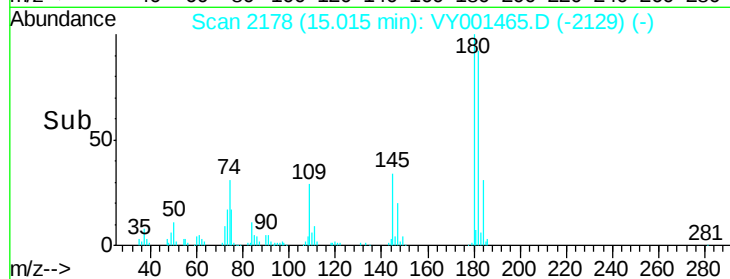
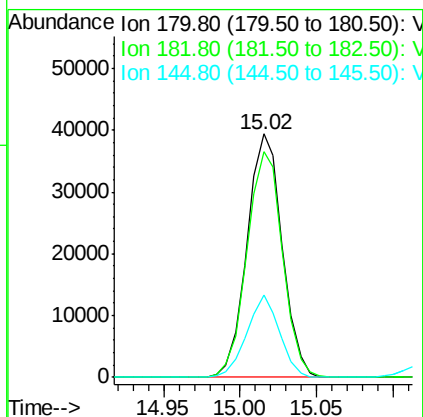
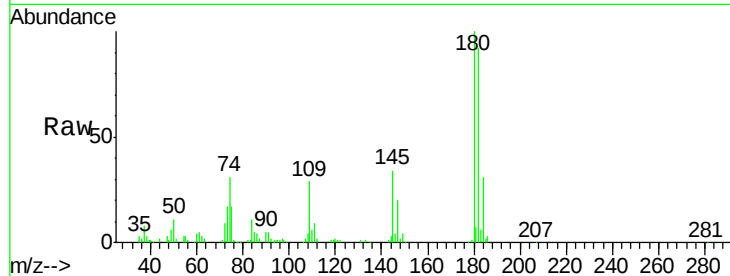




#93
 1,2,4-Trichlorobenzene
 Concen: 21.38 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

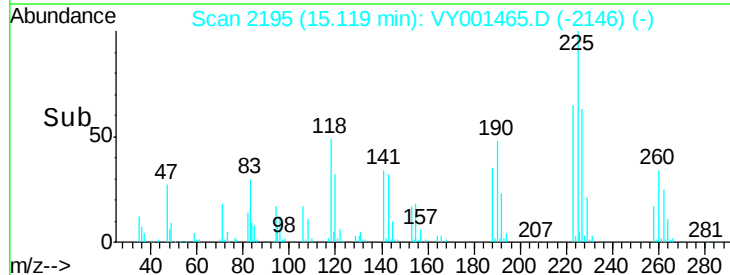
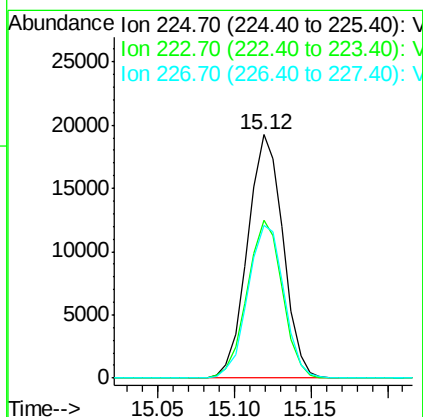
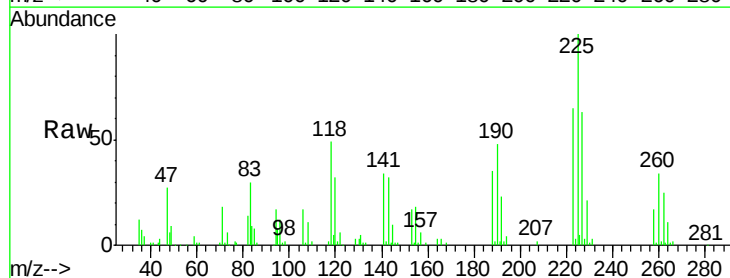
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

Tgt Ion:180 Resp: 62734
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.6 142.8
 145 31.4 16.3 48.9



#94
 Hexachlorobutadiene
 Concen: 21.73 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY001465.D
 Acq: 03 Feb 2020 11:47

Tgt Ion:225 Resp: 31044
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.2 93.6
 227 64.3 31.0 93.0





#95

Naphthalene

Concen: 21.84 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

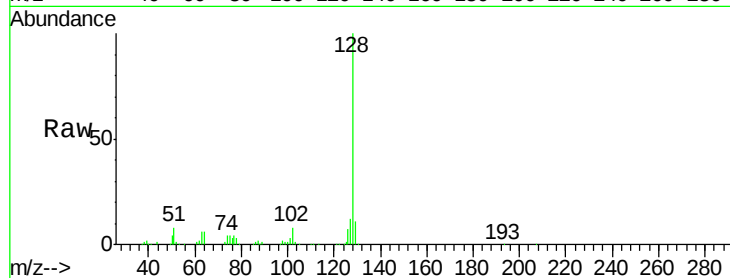
Tgt Ion:128 Resp: 146526

Ion Ratio Lower Upper

128 100

127 11.7 10.2 15.2

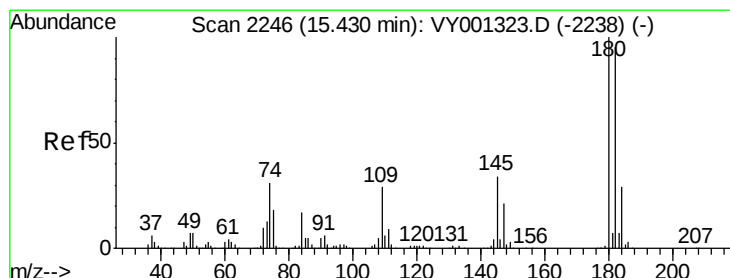
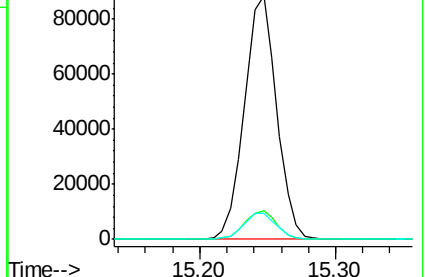
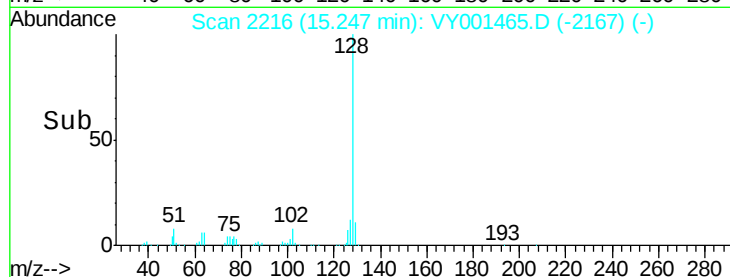
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.63 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.00 min

Lab File: VY001465.D

Acq: 03 Feb 2020 11:47

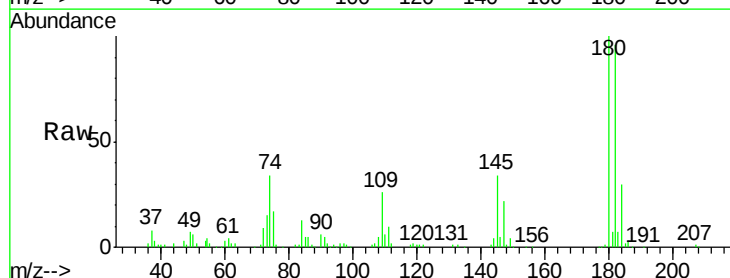
Tgt Ion:180 Resp: 55676

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.8

145 33.6 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

