

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100919\
 Data File : VY000247.D
 Acq On : 09 Oct 2019 16:36
 Operator : SY/MD
 Sample : VY1009WBSD01
 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBSD01

Quant Time: Oct 10 01:47:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 09:24:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	240888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	408520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	359267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	172081	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	159688	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
35) Dibromofluoromethane	7.73	113	126392	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.19	98	475079	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	12.49	95	168960	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	43899	18.255	ug/l	93
3) Chloromethane	2.12	50	58837	17.966	ug/l	98
4) Vinyl Chloride	2.25	62	62154	18.382	ug/l	99
5) Bromomethane	2.65	94	44458	20.839	ug/l	100
6) Chloroethane	2.79	64	37708	17.656	ug/l	98
7) Trichlorofluoromethane	3.13	101	78399	17.942	ug/l	95
8) Diethyl Ether	3.54	74	34788	17.413	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	44829	17.572	ug/l	98
10) Methyl Iodide	4.09	142	65676	16.242	ug/l	97
11) Tert butyl alcohol	4.97	59	155432	92.346	ug/l	99
12) 1,1-Dichloroethene	3.88	96	47385	17.891	ug/l	88
13) Acrolein	3.74	56	67117	75.966	ug/l	97
14) Allyl chloride	4.49	41	76685	17.183	ug/l	96
15) Acrylonitrile	5.18	53	271153	91.261	ug/l	99
16) Acetone	3.96	43	232870	94.903	ug/l	96
17) Carbon Disulfide	4.20	76	134200	17.192	ug/l	99
18) Methyl Acetate	4.49	43	128604	19.125	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	175967	18.161	ug/l	98
20) Methylene Chloride	4.72	84	57241	17.757	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	53130	17.833	ug/l	99
22) Diisopropyl ether	6.13	45	181263	17.532	ug/l	98
23) Vinyl Acetate	6.08	43	843169	84.005	ug/l	98
24) 1,1-Dichloroethane	6.04	63	94450	17.909	ug/l	99
25) 2-Butanone	7.00	43	427499	94.175	ug/l	100
26) 2,2-Dichloropropane	7.00	77	81859	17.195	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	63276	18.030	ug/l	96
28) Bromochloromethane	7.35	49	35760	20.601	ug/l	100
29) Tetrahydrofuran	7.36	42	290443	90.596	ug/l	98
30) Chloroform	7.52	83	97565	17.826	ug/l	99
31) Cyclohexane	7.79	56	86312	16.203	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	82612	17.754	ug/l	99
36) 1,1-Dichloropropene	7.93	75	68764	16.543	ug/l	98
37) Ethyl Acetate	7.09	43	135550	18.039	ug/l	99
38) Carbon Tetrachloride	7.91	117	72838	17.979	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	87286	16.739	ug/l	90
40) Benzene	8.18	78	223746	17.745	ug/l	99
41) Methacrylonitrile	7.36	41	220855	37.341	ug/l #	52
42) 1,2-Dichloroethane	8.25	62	77544	18.933	ug/l	99
43) Isopropyl Acetate	8.28	43	177071	18.307	ug/l	100
44) Trichloroethene	8.95	130	62259	18.208	ug/l	95
45) 1,2-Dichloropropane	9.23	63	56986	18.043	ug/l	92
46) Dibromomethane	9.32	93	38235	17.269	ug/l	96
47) Bromodichloromethane	9.50	83	78848	18.205	ug/l	96
48) Methyl methacrylate	9.30	41	80863	18.522	ug/l	96
49) 1,4-Dioxane	9.31	88	40341	359.962	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	678217	93.302	ug/l	99
52) Toluene	10.25	92	139293	17.224	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	88675	18.047	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	92466	17.391	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	58572	18.367	ug/l	96
56) Ethyl methacrylate	10.52	69	97620	17.388	ug/l	95
57) 1,3-Dichloropropane	10.80	76	100620	18.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	245324	98.033	ug/l	98
59) 2-Hexanone	10.84	43	589877	87.076	ug/l	98
60) Dibromochloromethane	10.99	129	61558	18.258	ug/l	99
61) 1,2-Dibromoethane	11.09	107	61841	18.257	ug/l	100
64) Tetrachloroethene	10.72	164	64265	19.570	ug/l	99
65) Chlorobenzene	11.52	112	150406	18.066	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.60	131	54950	18.462	ug/l	100
67) Ethyl Benzene	11.60	91	258418	17.364	ug/l	100
68) m/p-Xylenes	11.70	106	197036	34.697	ug/l	99
69) o-Xylene	12.03	106	96509	17.641	ug/l	98
70) Styrene	12.05	104	164775	17.485	ug/l	100
71) Bromoform	12.21	173	44763	18.226	ug/l #	98
73) Isopropylbenzene	12.33	105	251502	17.248	ug/l	100
74) N-amyl acetate	12.14	43	128788	16.811	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	92170	18.521	ug/l	95
76) 1,2,3-Trichloropropane	12.64	75	141966	31.248	ug/l #	100
77) Bromobenzene	12.61	156	62364	18.238	ug/l	94
78) n-propylbenzene	12.67	91	293470	17.230	ug/l	98
79) 2-Chlorotoluene	12.76	91	171349	17.473	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	212356	17.453	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	38024	16.799	ug/l #	89
82) 4-Chlorotoluene	12.86	91	172287	17.346	ug/l	98
83) tert-Butylbenzene	13.08	119	184042	17.403	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	212852	17.509	ug/l	99
85) sec-Butylbenzene	13.25	105	251771	17.272	ug/l	99
86) p-Isopropyltoluene	13.37	119	224321	17.500	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	111112	17.929	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	113625	17.602	ug/l	98
89) n-Butylbenzene	13.70	91	200353	16.585	ug/l	99
90) Hexachloroethane	13.96	117	42980	17.726	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	113496	18.094	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31546	18.729	ug/l	98

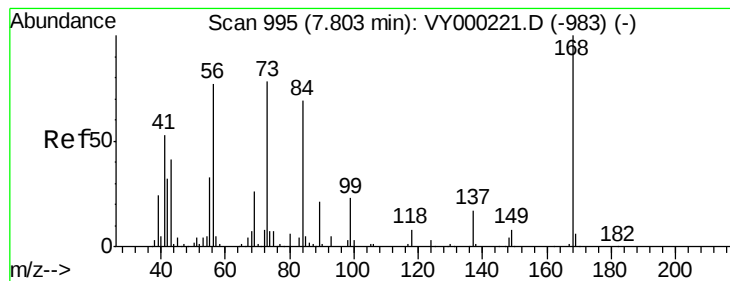
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100919\
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Operator : SY/MD
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Quant Title : SW846 8260
QLast Update : Wed Oct 09 09:24:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	74907	17.588	ug/l	99
94) Hexachlorobutadiene	15.11	225	36445	17.907	ug/l	98
95) Naphthalene	15.23	128	291029	18.165	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	75843	18.513	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

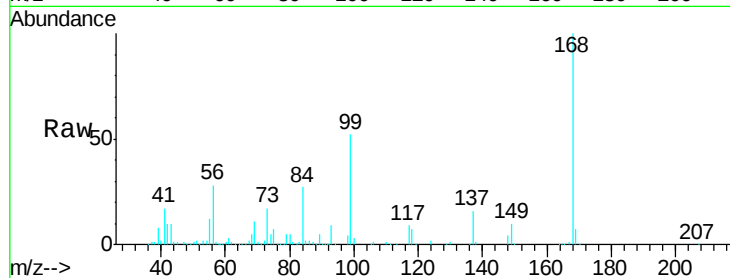
VY1009WBSD01

Tgt Ion:168 Resp: 240888

Ion Ratio Lower Upper

168 100

99 52.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000221.D (-983) (-)

7.80

120000

100000

80000

60000

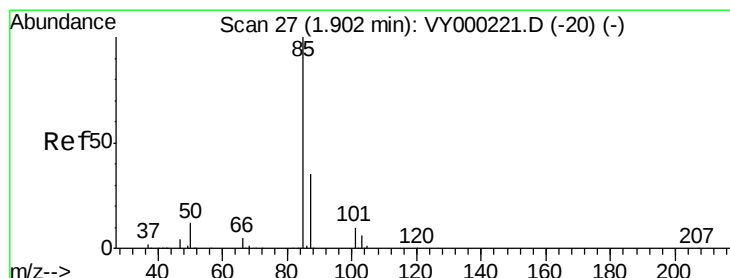
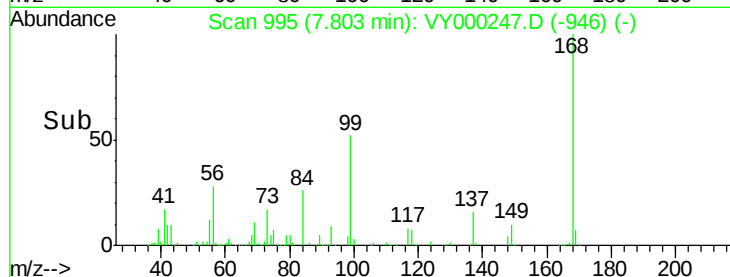
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.255 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000247.D

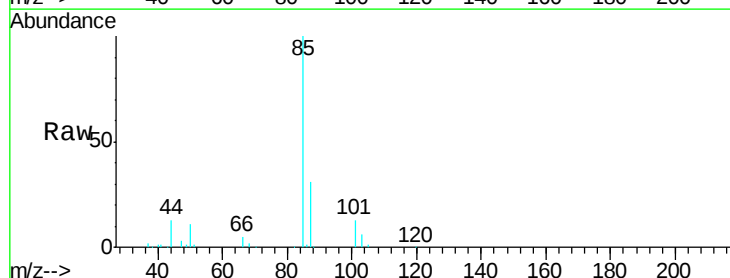
Acq: 09 Oct 2019 16:36

Tgt Ion: 85 Resp: 43899

Ion Ratio Lower Upper

85 100

87 30.7 17.4 52.2



Abundance Ion 84.90 (84.60 to 85.60): VY000221.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000221.D (-20) (-)

1.90

30000

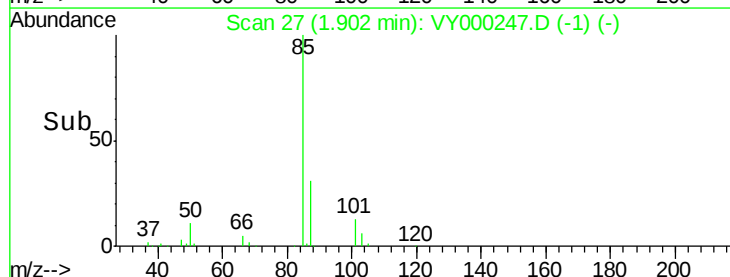
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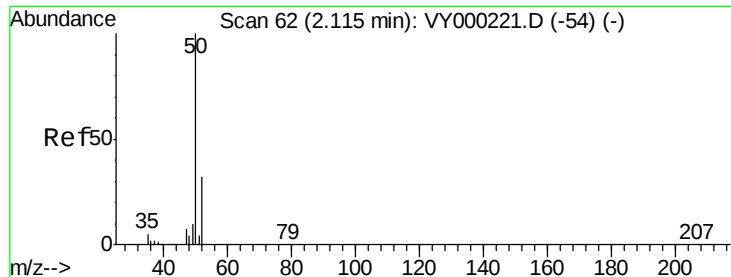
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 17.966 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

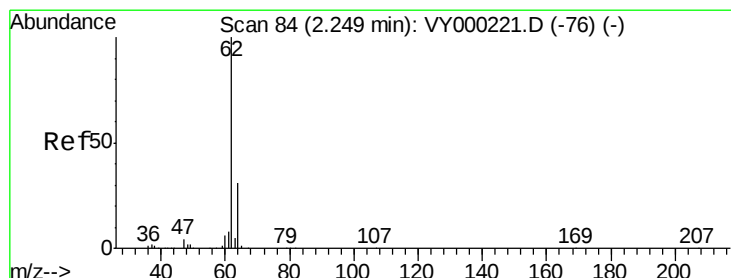
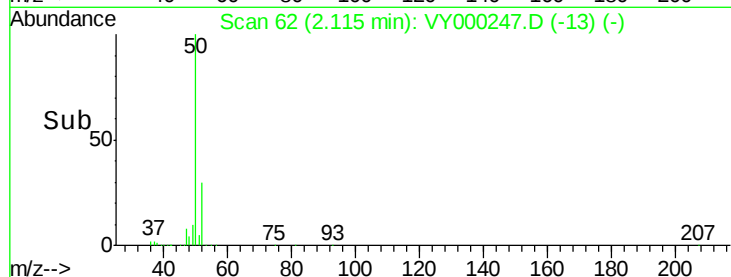
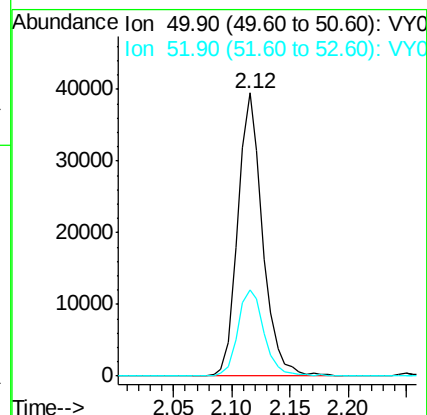
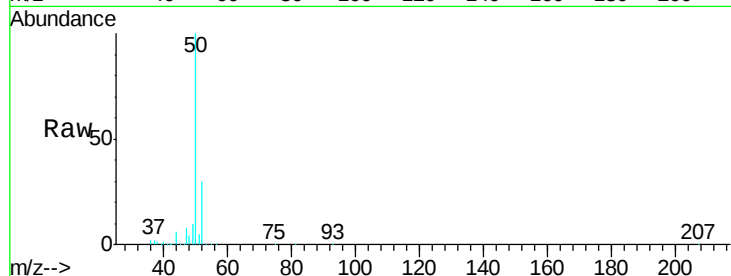
VY1009WBSD01

Tgt Ion: 50 Resp: 58837

Ion Ratio Lower Upper

50 100

52 30.3 25.4 38.0



#4

Vinyl Chloride

Concen: 18.382 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000247.D

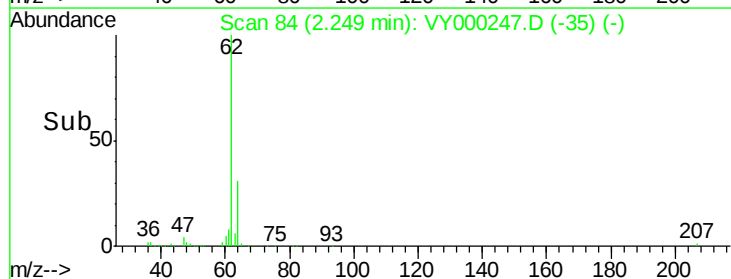
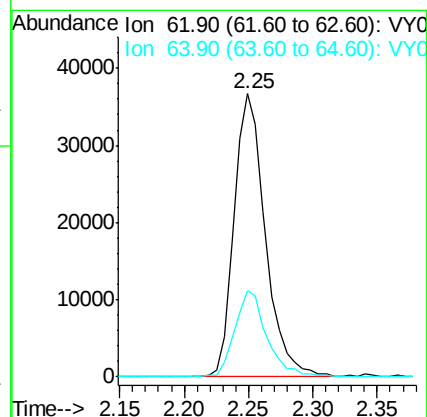
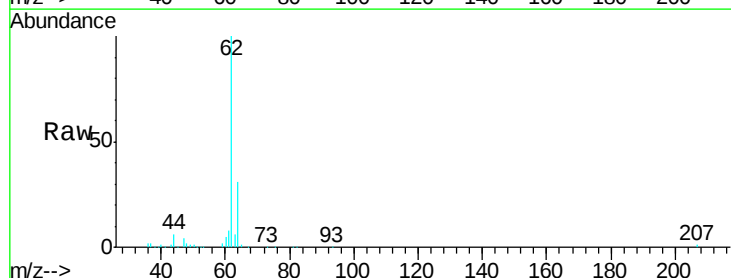
Acq: 09 Oct 2019 16:36

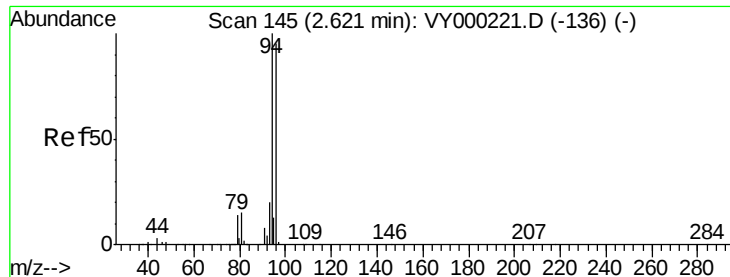
Tgt Ion: 62 Resp: 62154

Ion Ratio Lower Upper

62 100

64 30.6 25.0 37.6





#5

Bromomethane

Concen: 20.839 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.02 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

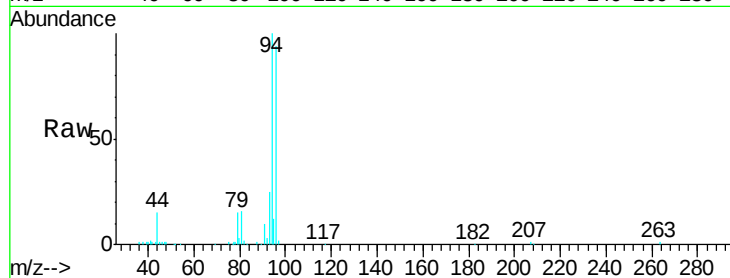
VY1009WBSD01

Tgt Ion: 94 Resp: 44458

Ion Ratio Lower Upper

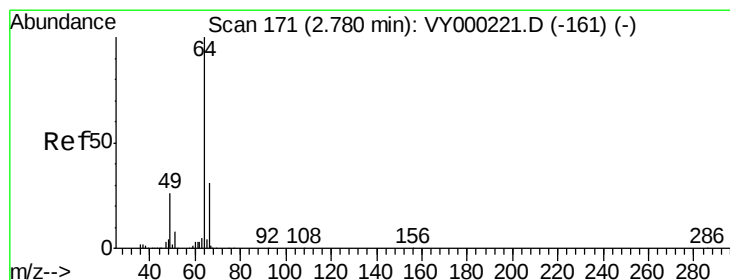
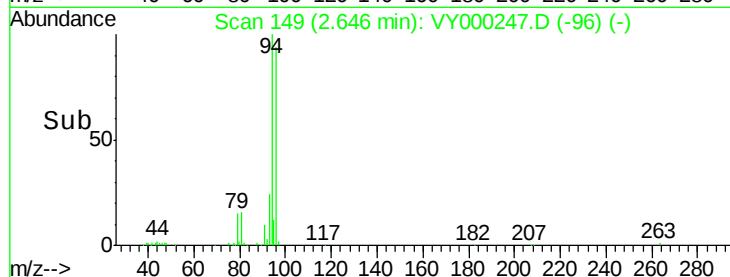
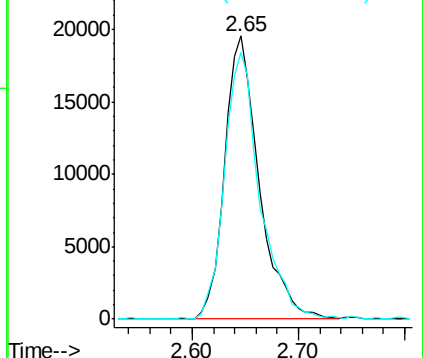
94 100

96 94.2 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 17.656 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.01 min

Lab File: VY000247.D

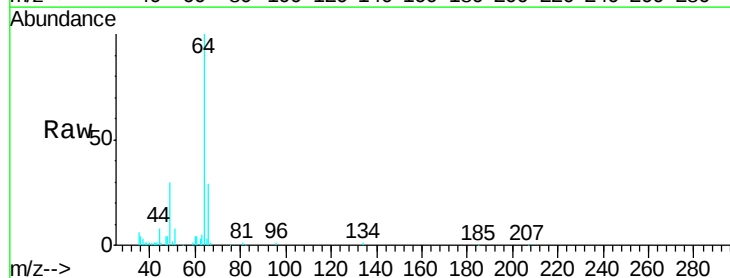
Acq: 09 Oct 2019 16:36

Tgt Ion: 64 Resp: 37708

Ion Ratio Lower Upper

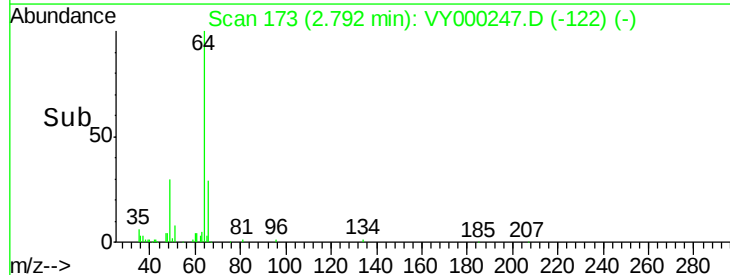
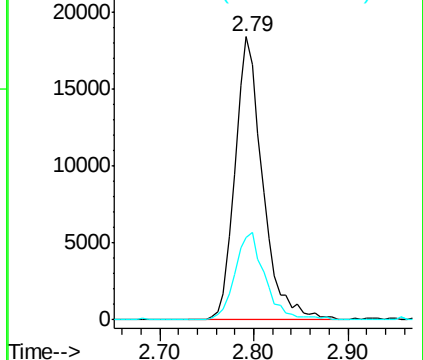
64 100

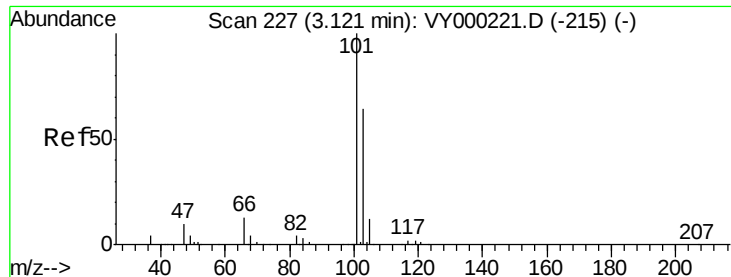
66 29.3 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



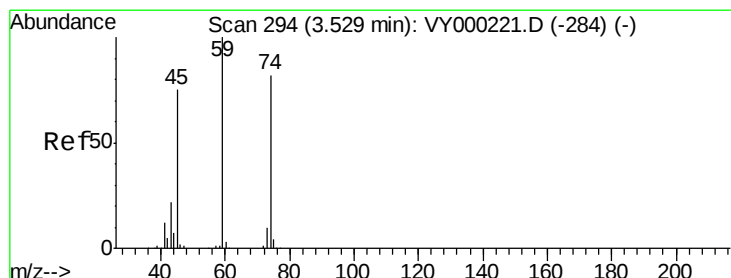
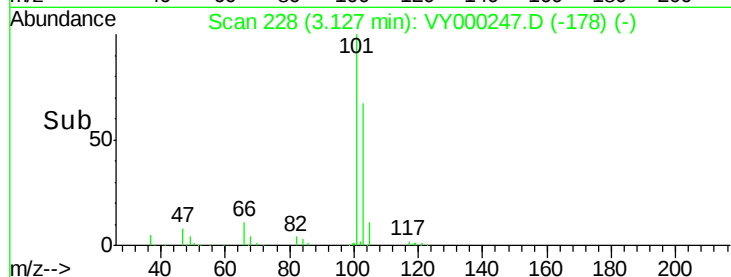
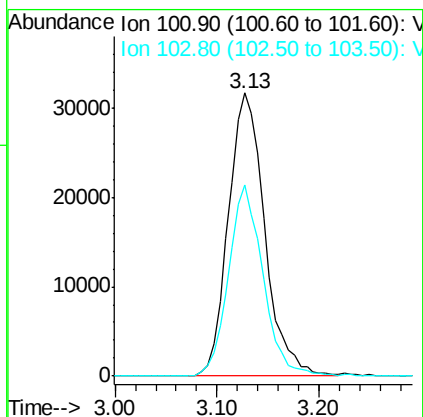
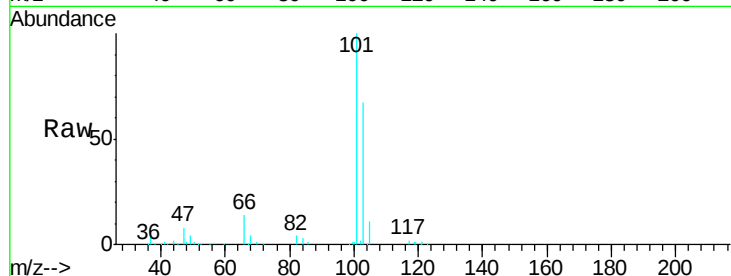


#7

Trichlorofluoromethane
 Concen: 17.942 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.01 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

Instrument :
 MSVOA_Y
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 VY1009WBSD01

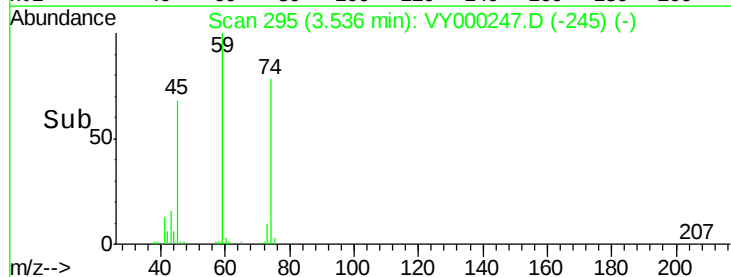
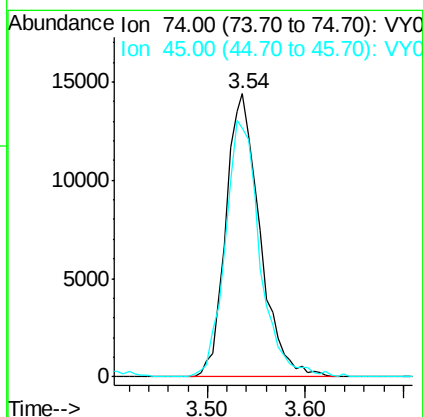
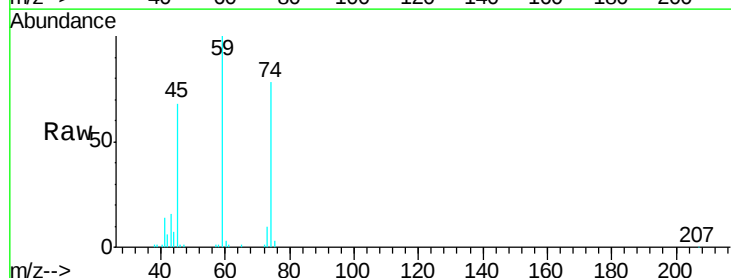
Tgt Ion:101 Resp: 78399
 Ion Ratio Lower Upper
 101 100
 103 67.4 51.0 76.6

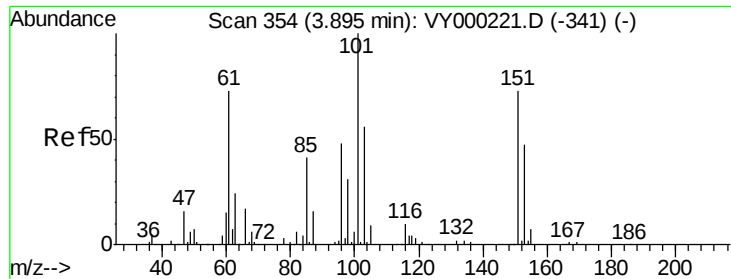


#8

Diethyl Ether
 Concen: 17.413 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

Tgt Ion: 74 Resp: 34788
 Ion Ratio Lower Upper
 74 100
 45 92.1 45.8 137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.572 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBSD01

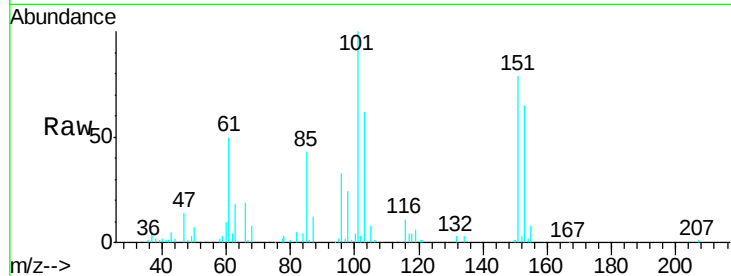
Tgt Ion:101 Resp: 44829

Ion Ratio Lower Upper

101 100

85 43.8 37.0 55.6

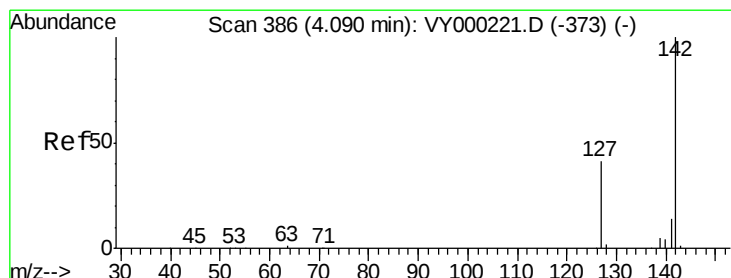
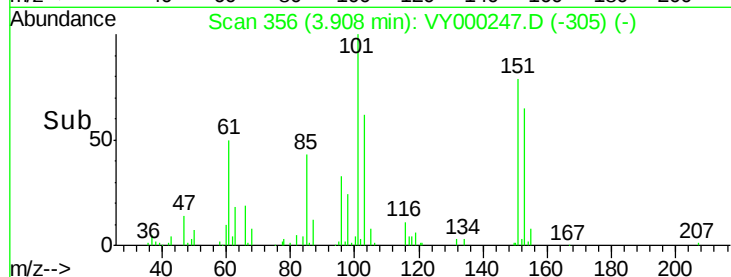
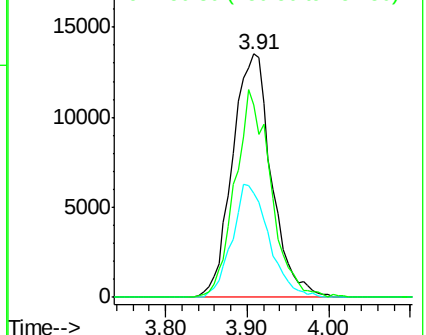
151 78.4 63.0 94.4



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: 16.242 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

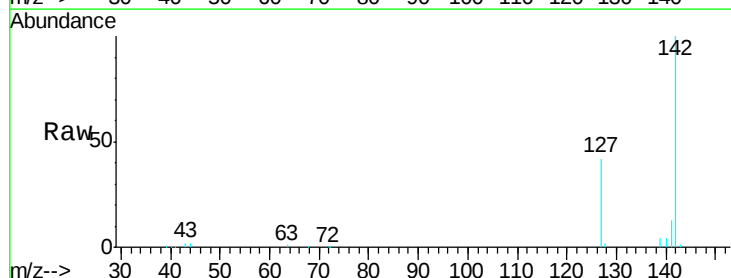
Tgt Ion:142 Resp: 65676

Ion Ratio Lower Upper

142 100

127 43.0 33.0 49.6

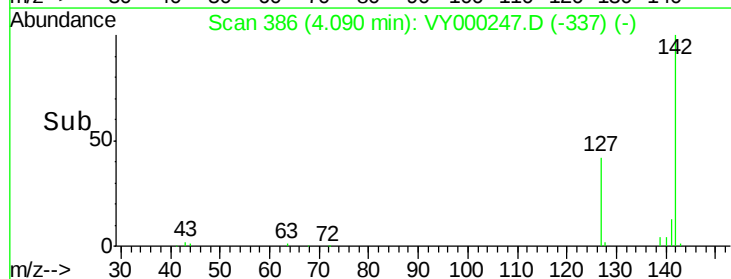
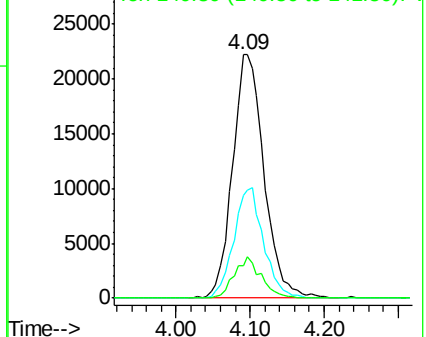
141 14.6 11.0 16.4

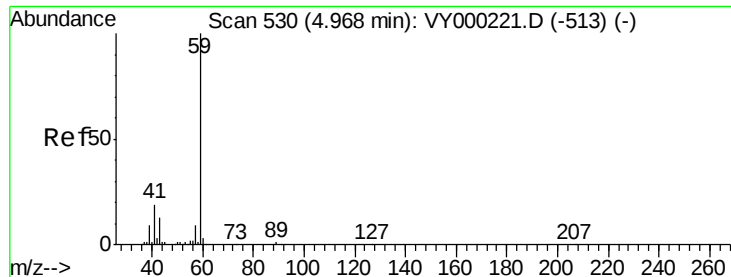


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



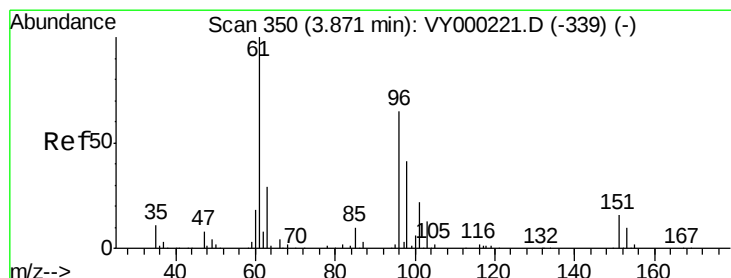
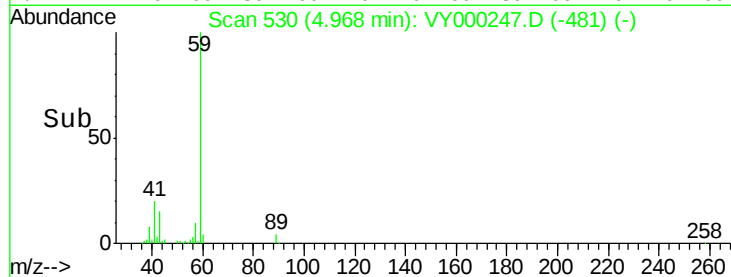
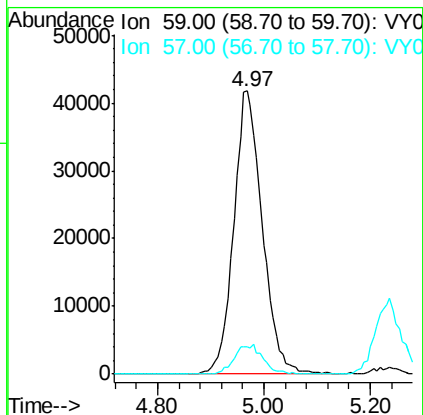
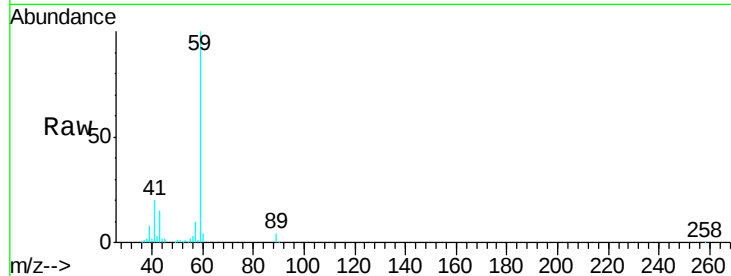


#11

Tert butyl alcohol
 Concen: 92.346 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBSD01

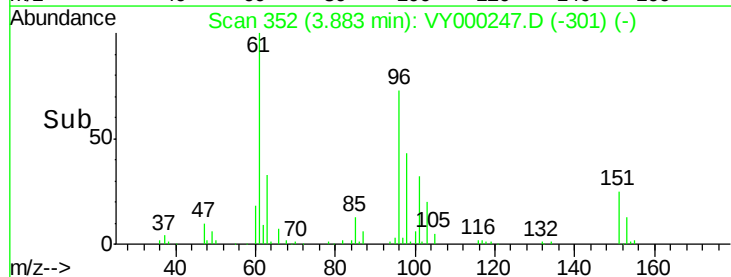
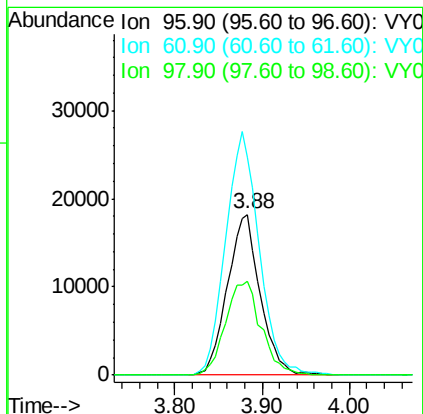
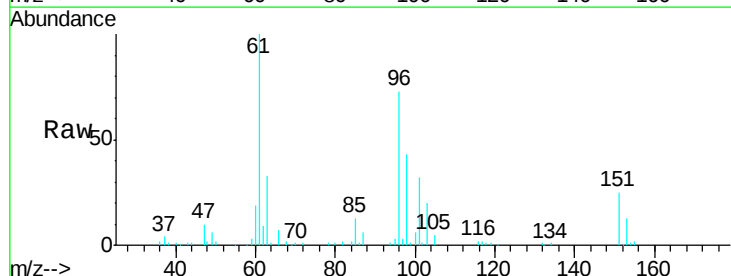
Tgt Ion: 59 Resp: 155432
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.0 12.0

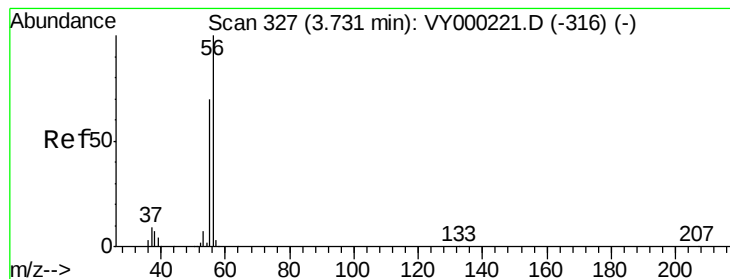


#12

1,1-Dichloroethene
 Concen: 17.891 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

Tgt Ion: 96 Resp: 47385
 Ion Ratio Lower Upper
 96 100
 61 136.2 123.8 185.8
 98 58.5 50.9 76.3





#13

Acrolein

Concen: 75.966 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

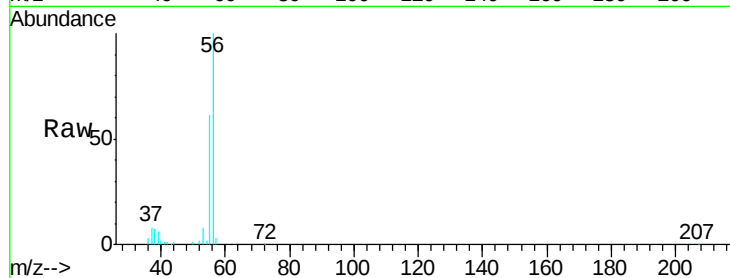
VY1009WBSD01

Tgt Ion: 56 Resp: 67117

Ion Ratio Lower Upper

56 100

55 71.1 55.2 82.8



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

25000

20000

15000

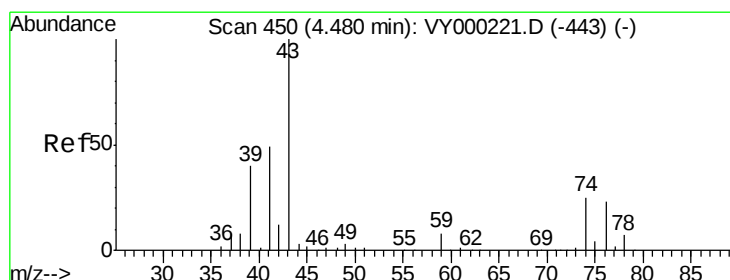
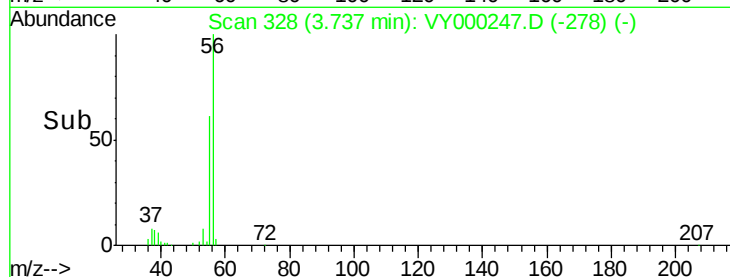
10000

5000

0

Time-->

3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 17.183 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

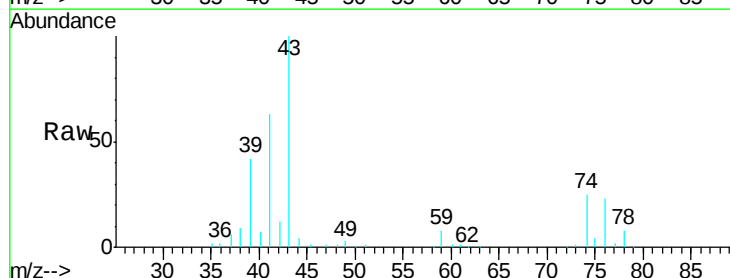
Tgt Ion: 41 Resp: 76685

Ion Ratio Lower Upper

41 100

39 75.1 56.4 84.6

76 38.9 30.8 46.2



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

30000

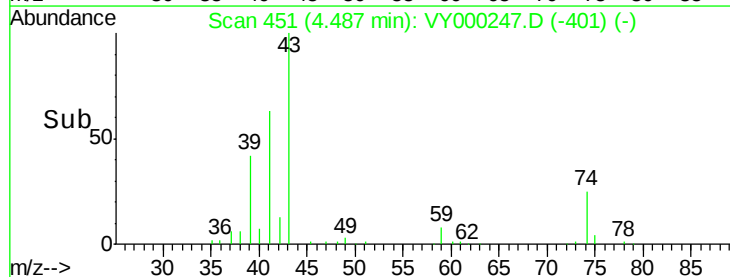
20000

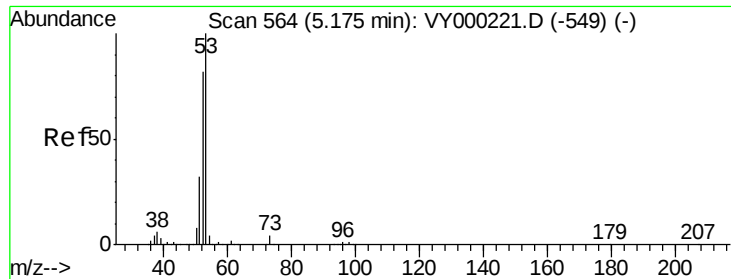
10000

0

Time-->

4.40 4.50 4.60





#15

Acrylonitrile

Concen: 91.261 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBSD01

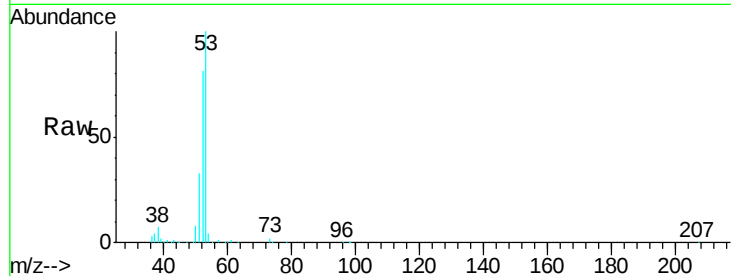
Tgt Ion: 53 Resp: 271153

Ion Ratio Lower Upper

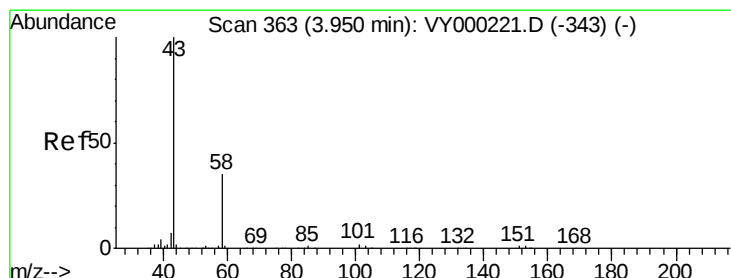
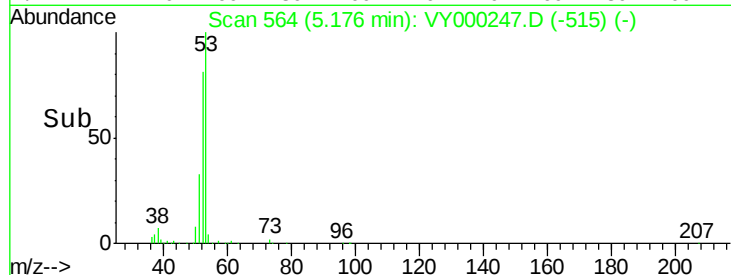
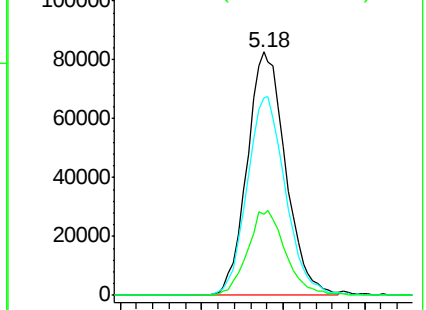
53 100

52 81.5 65.4 98.2

51 34.5 27.2 40.8



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



#16

Acetone

Concen: 94.903 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000247.D

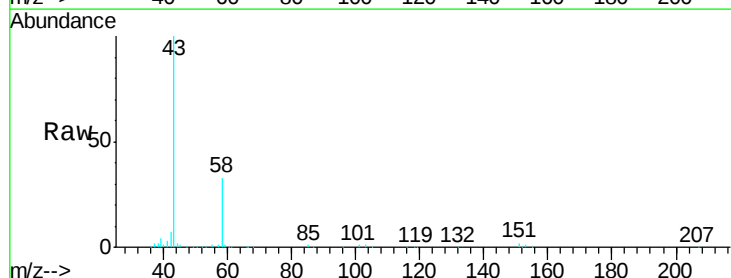
Acq: 09 Oct 2019 16:36

Tgt Ion: 43 Resp: 232870

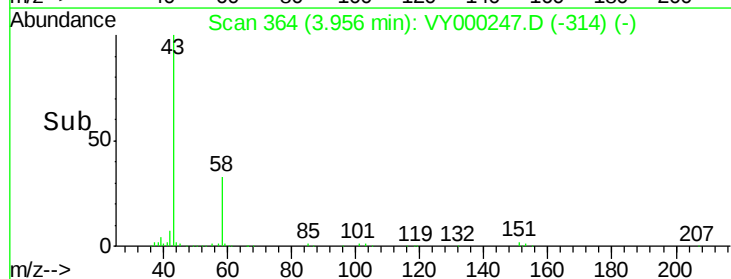
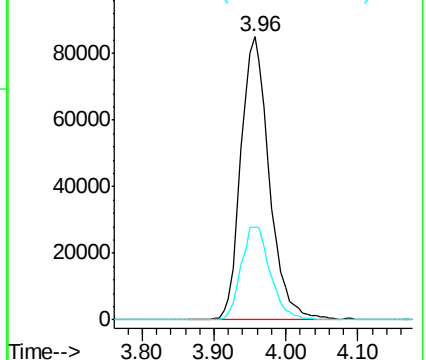
Ion Ratio Lower Upper

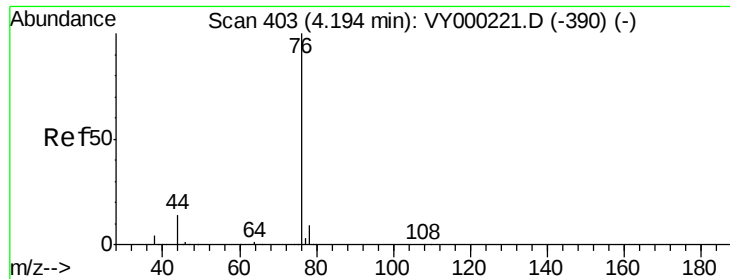
43 100

58 32.8 28.2 42.4



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

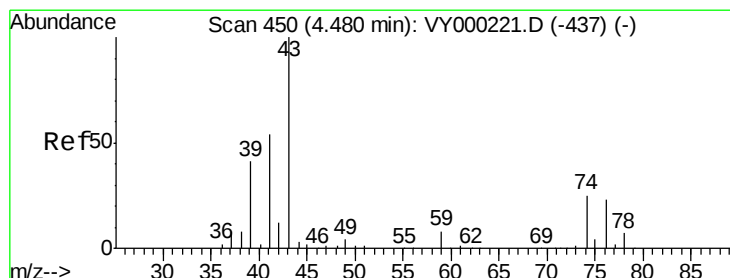
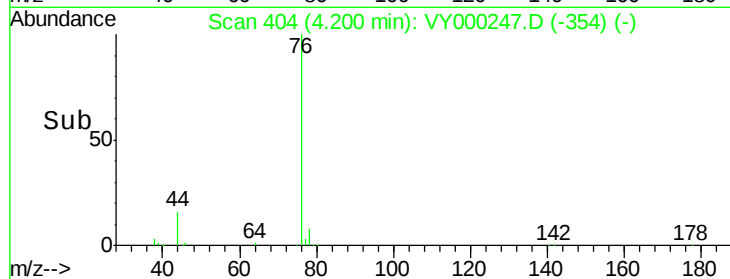
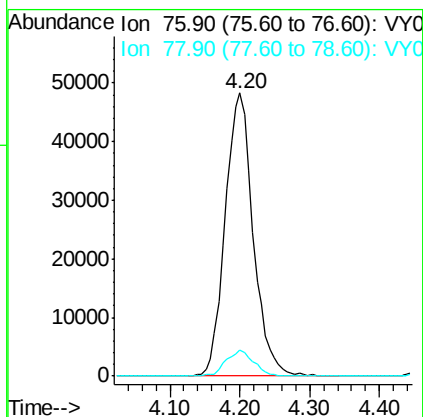
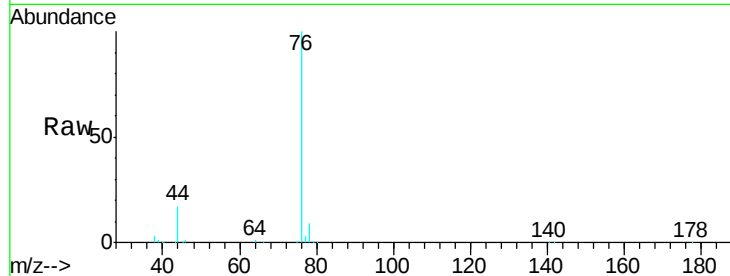




#17
Carbon Disulfide
Concen: 17.192 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

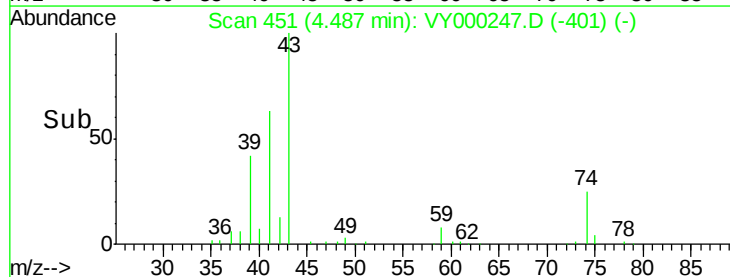
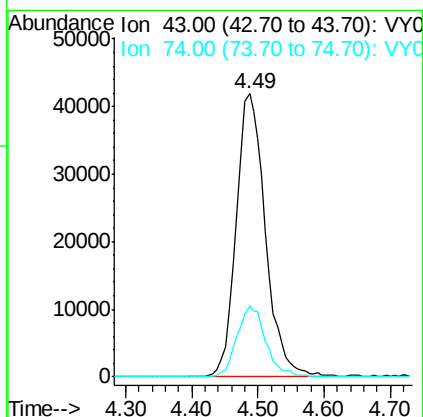
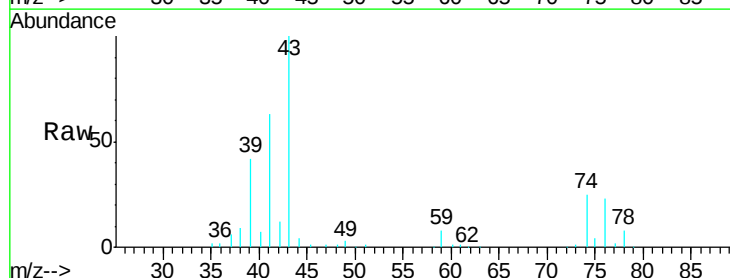
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBSD01

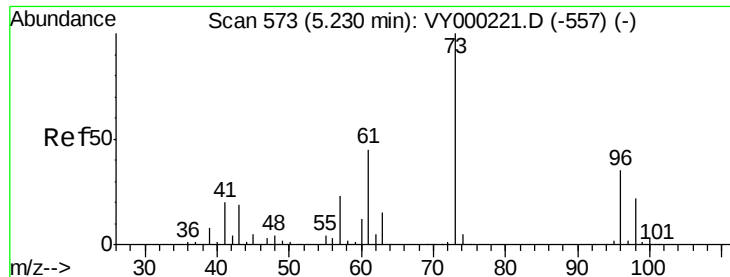
Tgt Ion: 76 Resp: 134200
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 19.125 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

Tgt Ion: 43 Resp: 128604
Ion Ratio Lower Upper
43 100
74 24.8 19.1 28.7

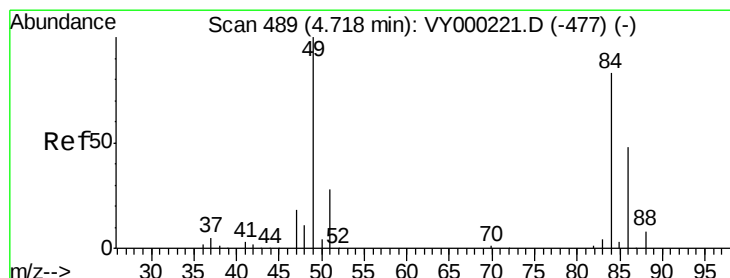
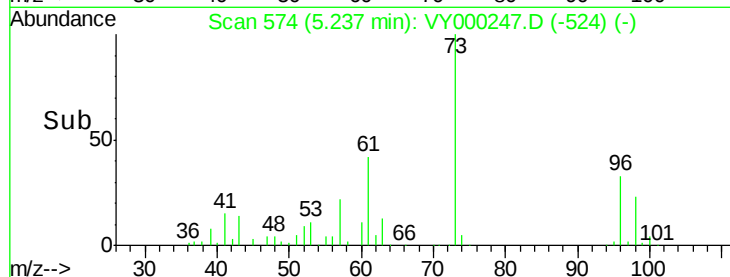
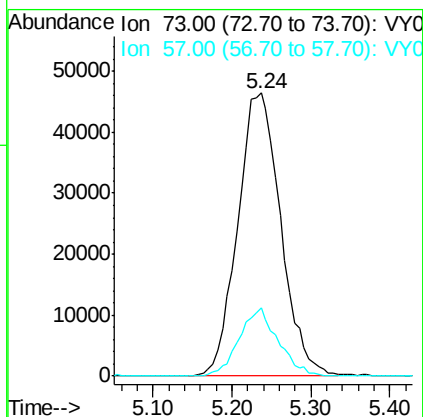
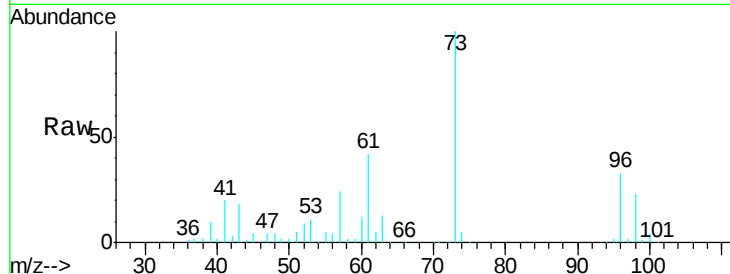




#19
Methyl tert-butyl Ether
Concen: 18.161 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

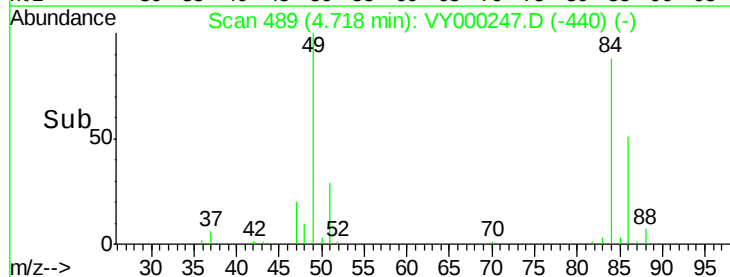
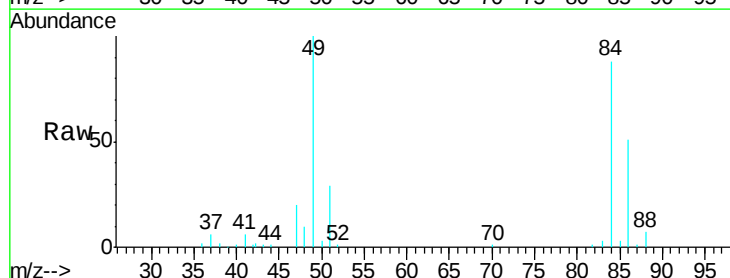
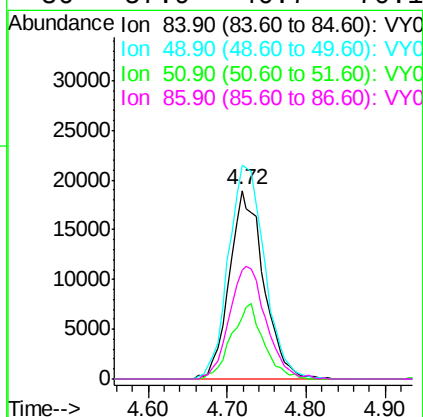
Instrument :
MSVOA_Y
ClientSampled :
VY1009WBSD01

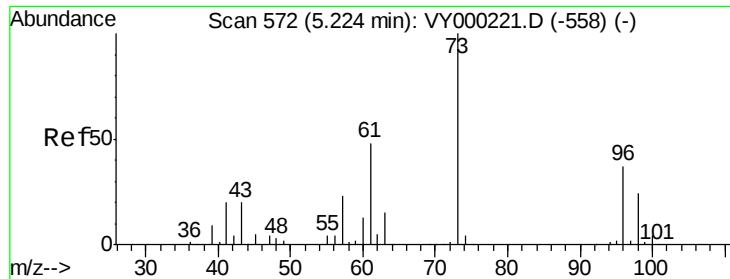
Tgt Ion: 73 Resp: 175967
Ion Ratio Lower Upper
73 100
57 24.1 18.4 27.6



#20
Methylene Chloride
Concen: 17.757 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

Tgt Ion: 84 Resp: 57241
Ion Ratio Lower Upper
84 100
49 113.3 96.2 144.2
51 32.5 26.6 39.8
86 57.9 46.7 70.1





#21

trans-1,2-Dichloroethene

Concen: 17.833 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBSD01

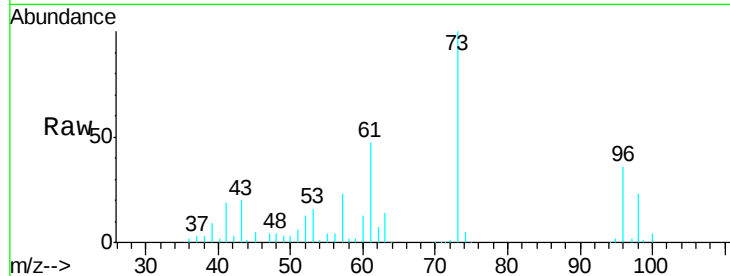
Tgt Ion: 96 Resp: 53130

Ion Ratio Lower Upper

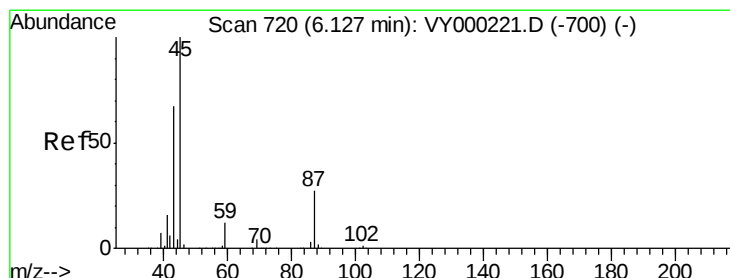
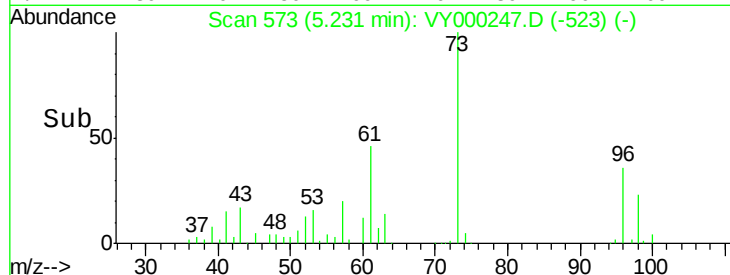
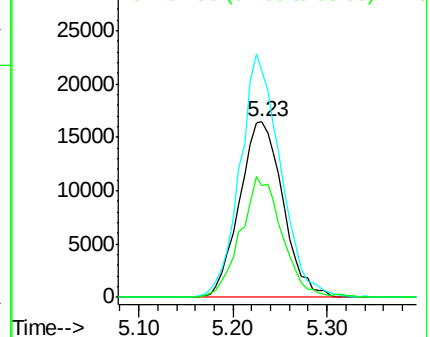
96 100

61 129.2 104.2 156.2

98 64.0 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: 17.532 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Tgt Ion: 45 Resp: 181263

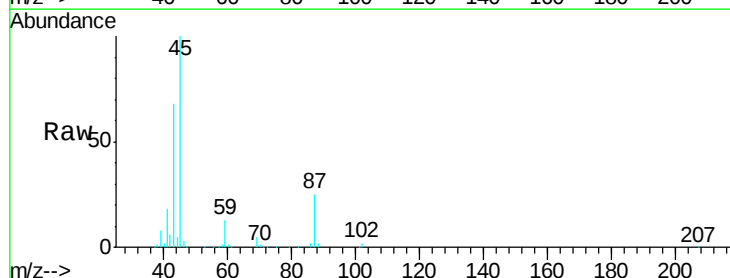
Ion Ratio Lower Upper

45 100

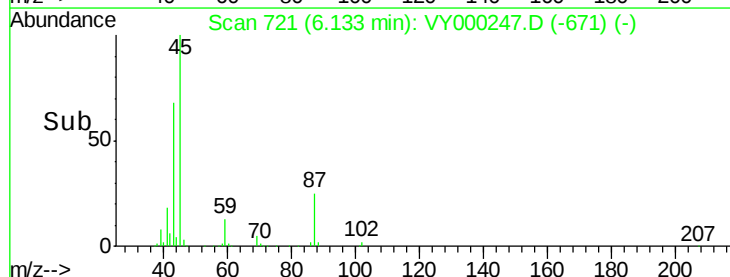
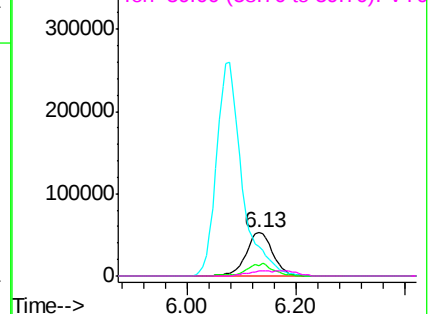
43 67.1 53.4 80.2

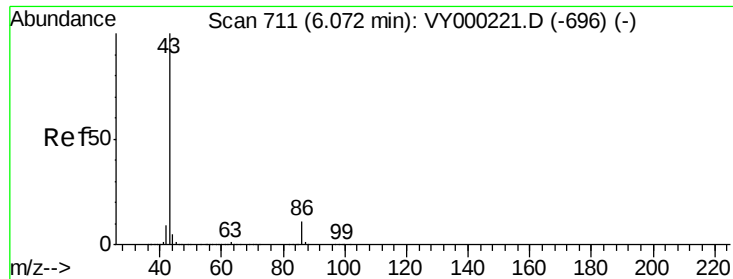
87 25.0 21.7 32.5

59 13.2 9.6 14.4



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: 84.005 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

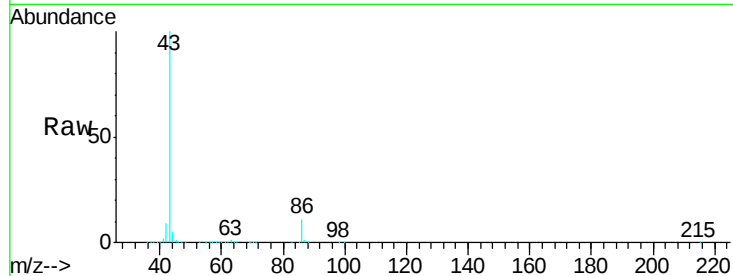
VY1009WBSD01

Tgt Ion: 43 Resp: 843169

Ion Ratio Lower Upper

43 100

86 11.2 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

250000

200000

150000

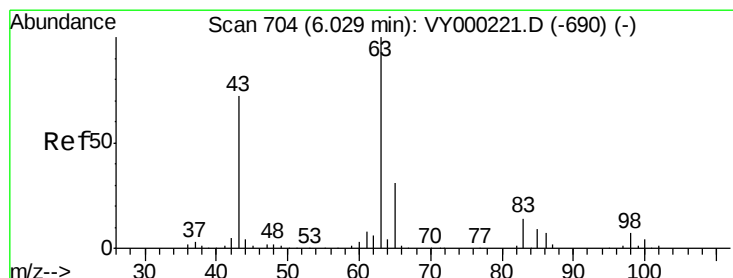
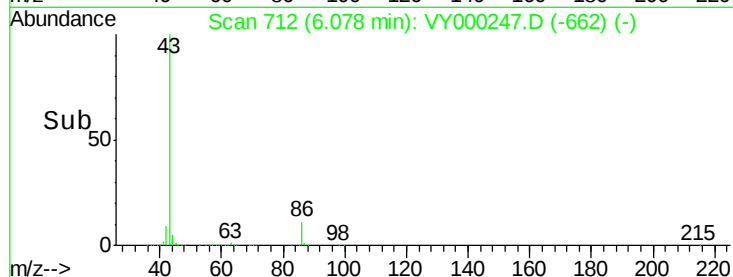
100000

50000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 17.909 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

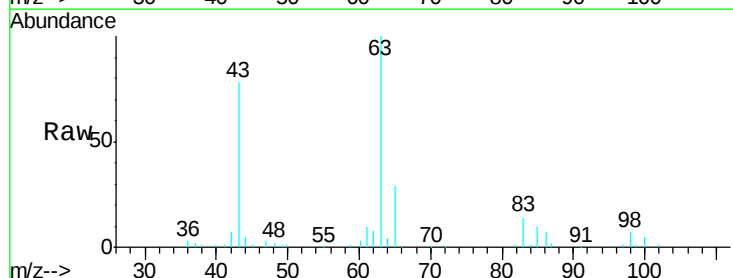
Tgt Ion: 63 Resp: 94450

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.6

100 5.0 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.04

40000

30000

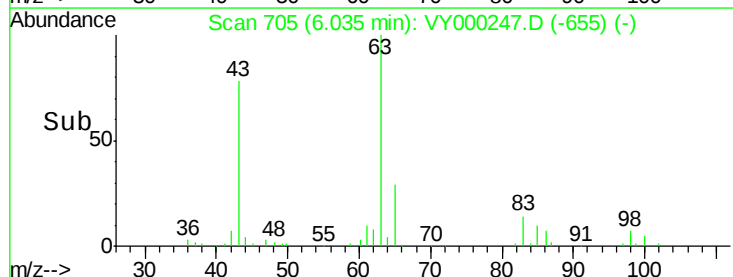
20000

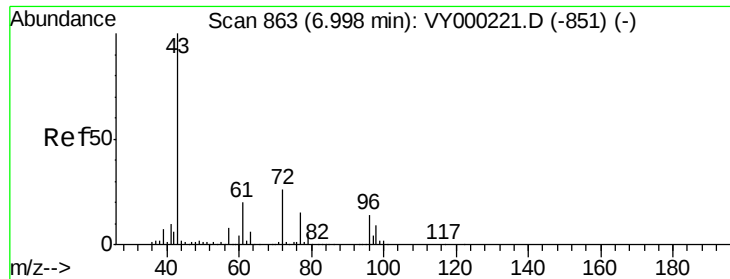
10000

0

Time-->

5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 94.175 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

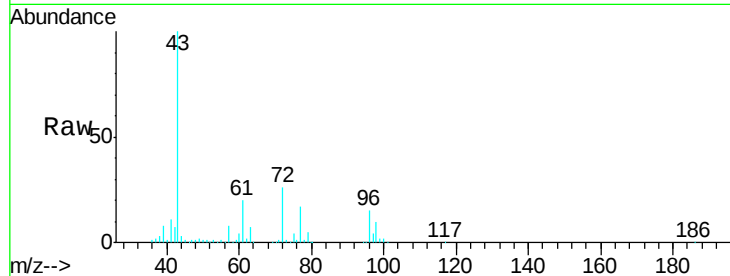
VY1009WBSD01

Tgt Ion: 43 Resp: 427499

Ion Ratio Lower Upper

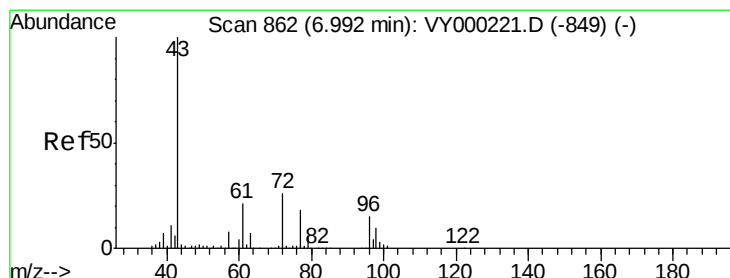
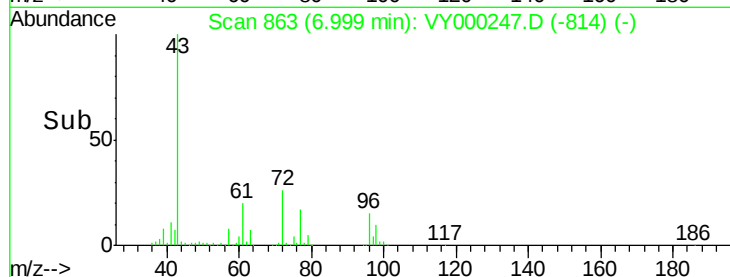
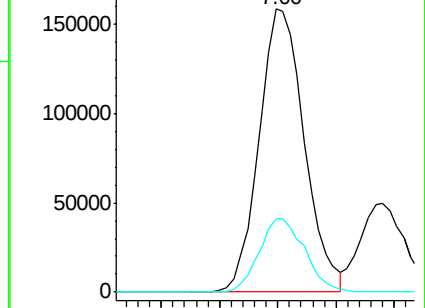
43 100

72 25.9 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 17.195 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000247.D

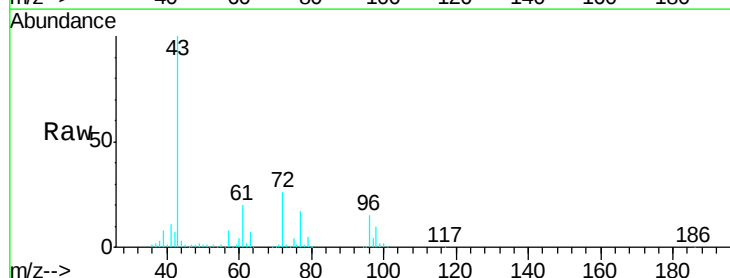
Acq: 09 Oct 2019 16:36

Tgt Ion: 77 Resp: 81859

Ion Ratio Lower Upper

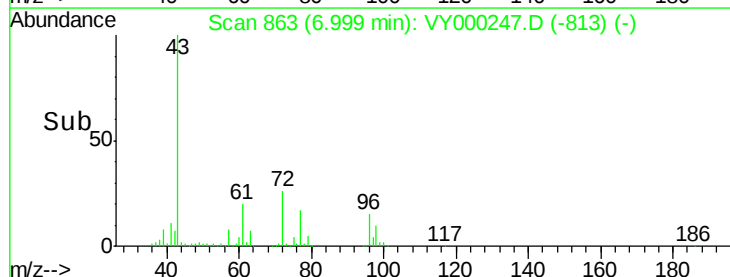
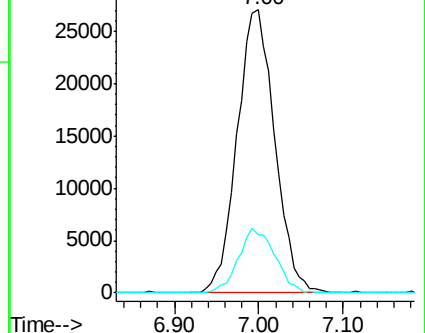
77 100

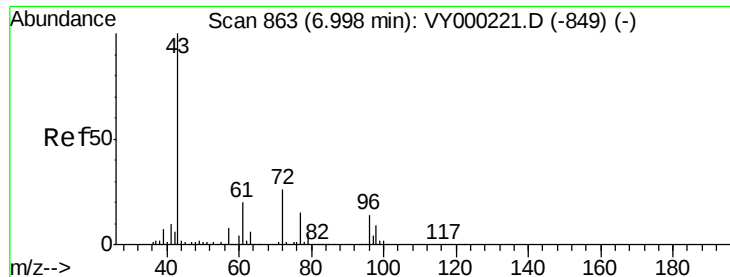
97 22.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



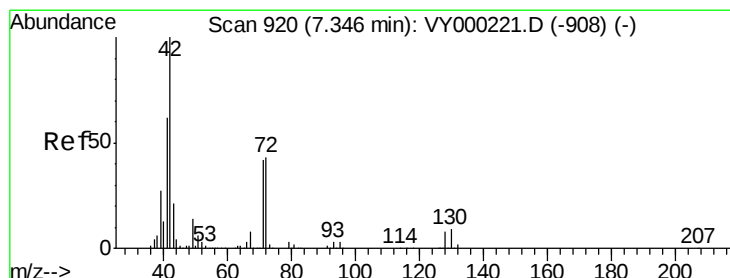
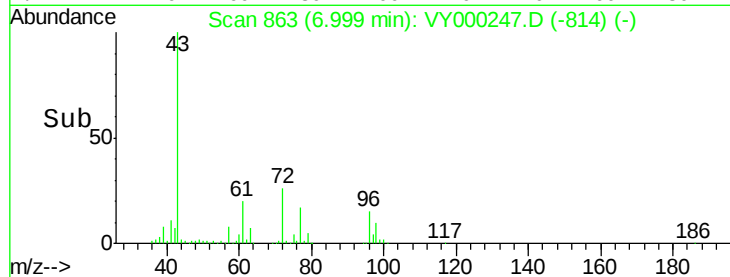
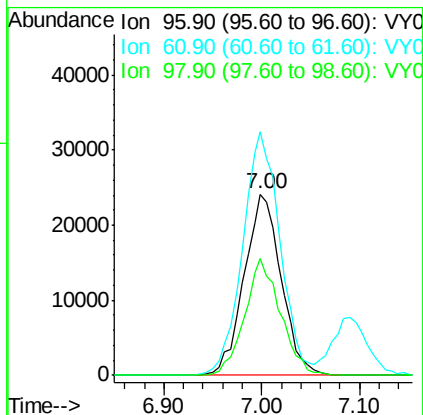
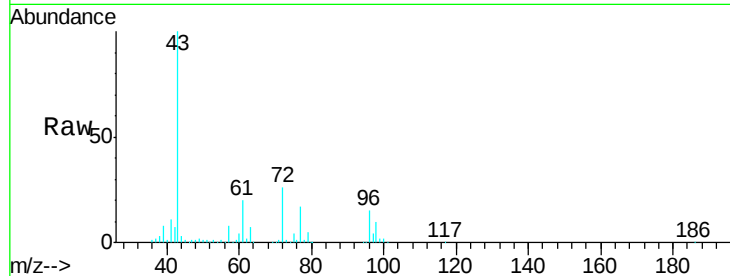


#27

cis-1,2-Dichloroethene
 Concen: 18.030 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBSD01

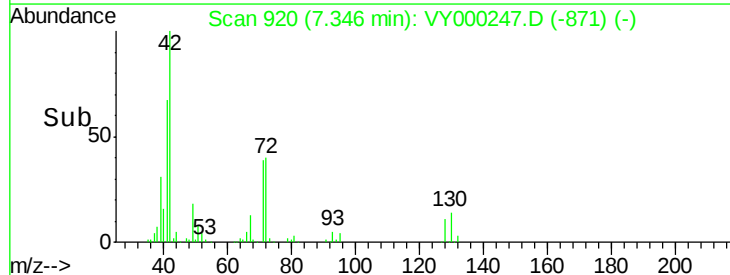
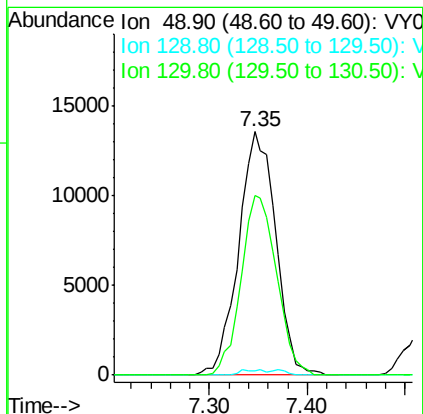
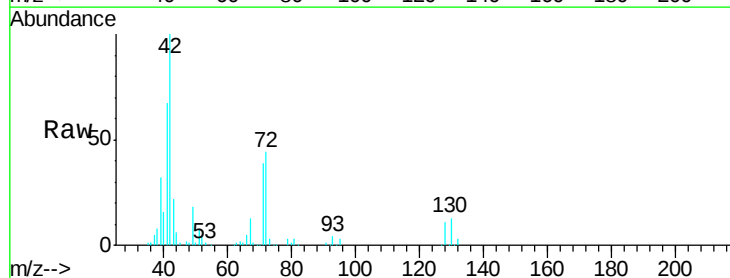
Tgt Ion: 96 Resp: 63276
 Ion Ratio Lower Upper
 96 100
 61 136.2 0.0 282.6
 98 62.0 0.0 129.8

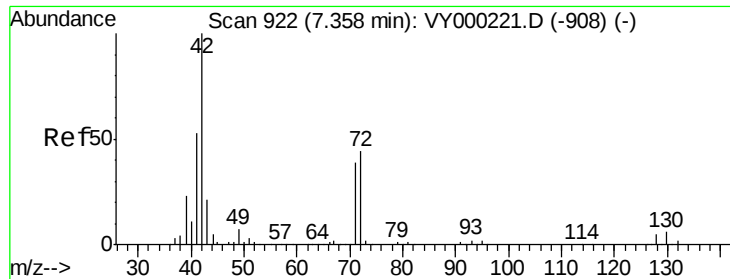


#28

Bromochloromethane
 Concen: 20.601 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

Tgt Ion: 49 Resp: 35760
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.2
 130 70.6 56.5 84.7





#29

Tetrahydrofuran

Concen: 90.596 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBSD01

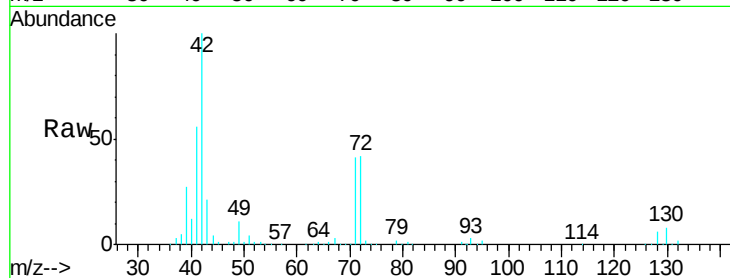
Tgt Ion: 42 Resp: 290443

Ion Ratio Lower Upper

42 100

72 44.3 34.6 51.8

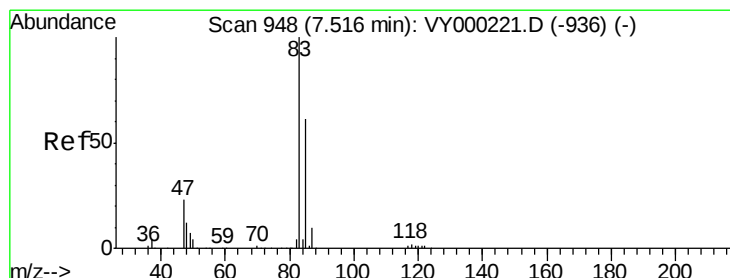
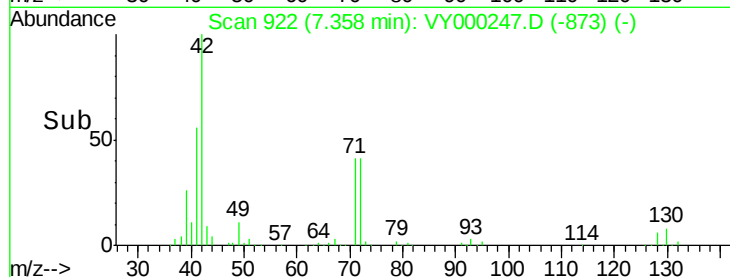
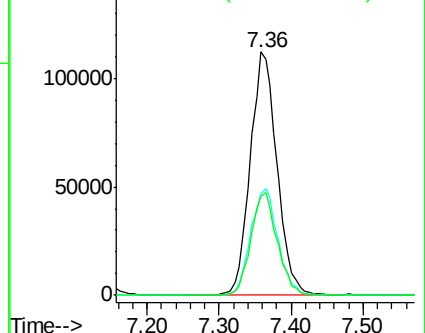
71 41.4 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 17.826 ug/l

RT: 7.52 min Scan# 949

Delta R.T. 0.01 min

Lab File: VY000247.D

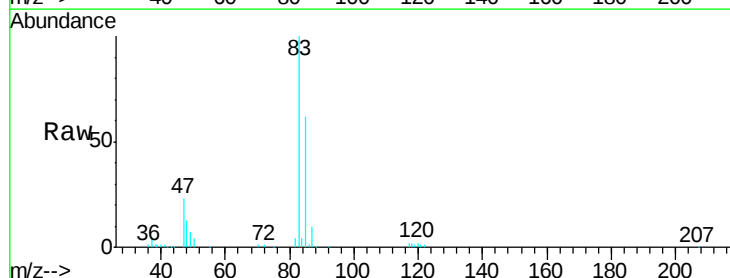
Acq: 09 Oct 2019 16:36

Tgt Ion: 83 Resp: 97565

Ion Ratio Lower Upper

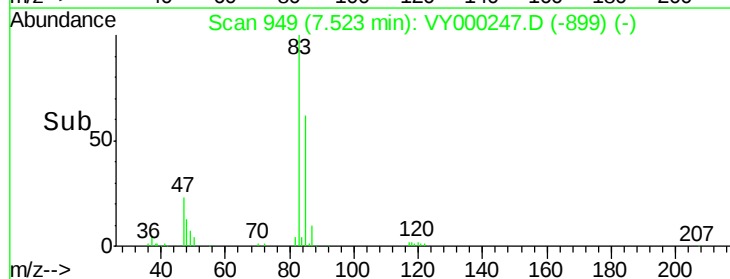
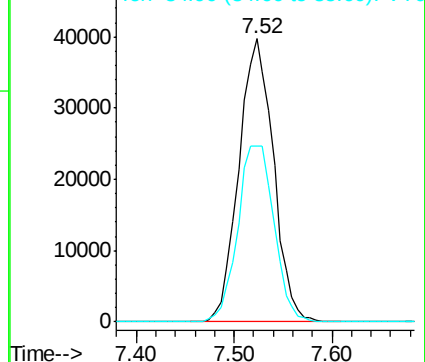
83 100

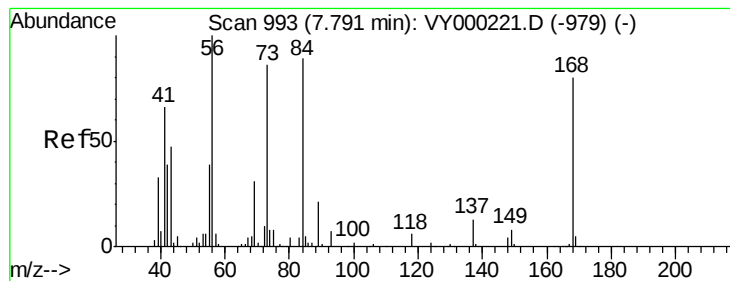
85 62.1 48.9 73.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 16.203 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBSD01

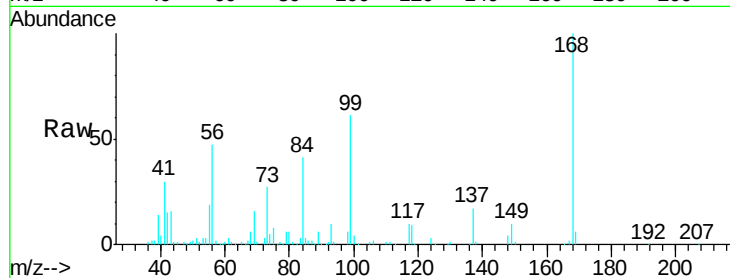
Tgt Ion: 56 Resp: 86312

Ion Ratio Lower Upper

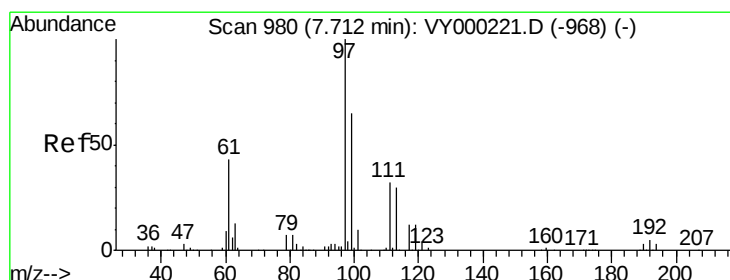
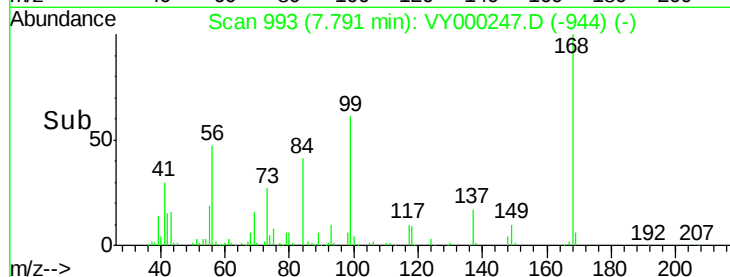
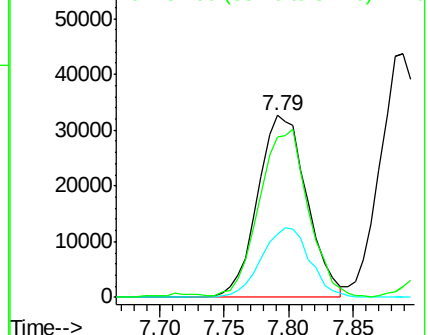
56 100

69 34.8 24.7 37.1

84 86.5 71.3 106.9



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: 17.754 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.01 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

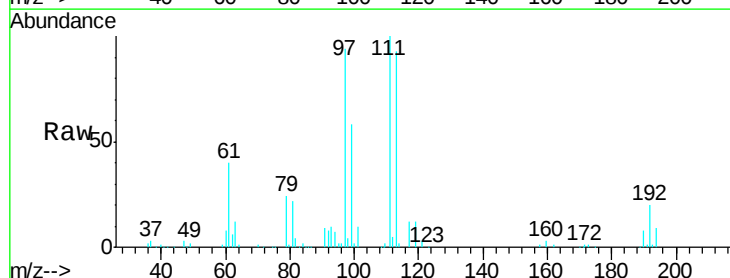
Tgt Ion: 97 Resp: 82612

Ion Ratio Lower Upper

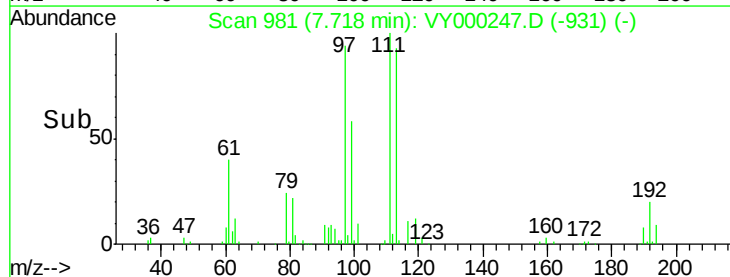
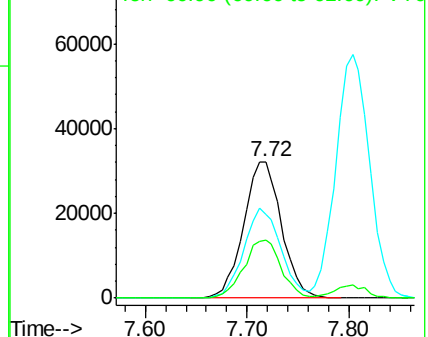
97 100

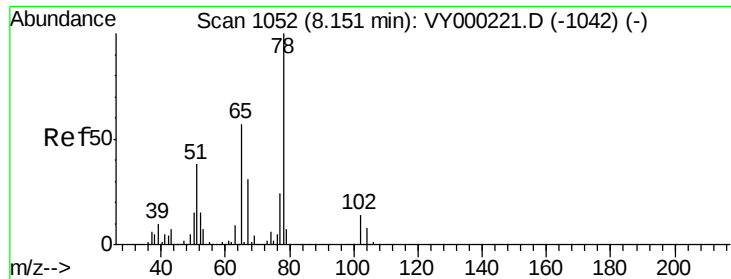
99 65.0 51.4 77.2

61 42.2 34.2 51.4



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

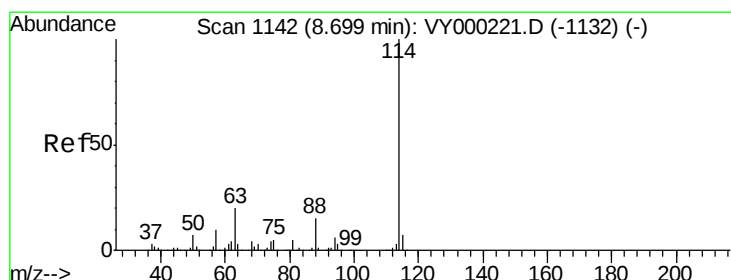
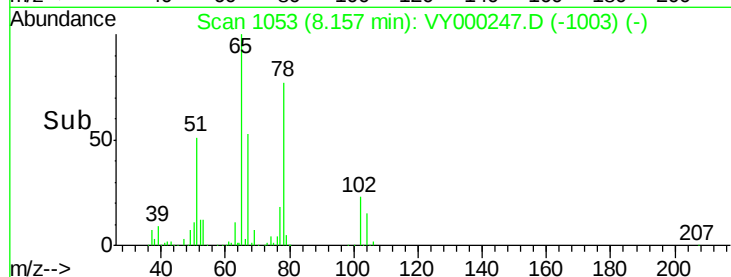
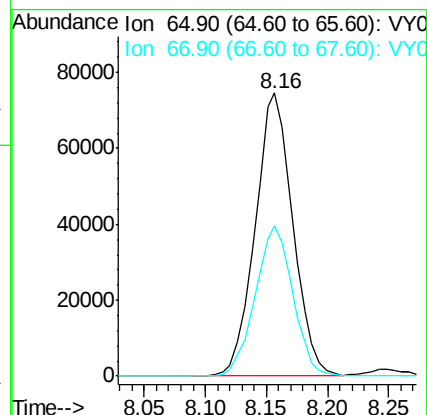
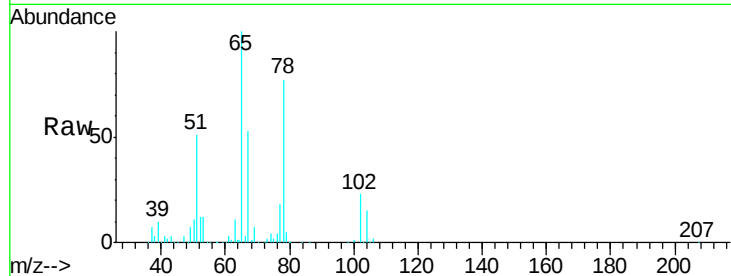




#33
 1,2-Dichloroethane-d4
 Concen: 51.542 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

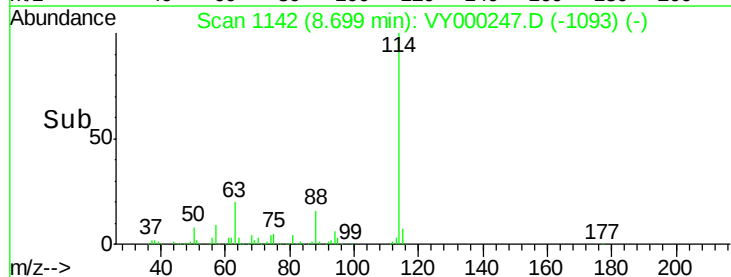
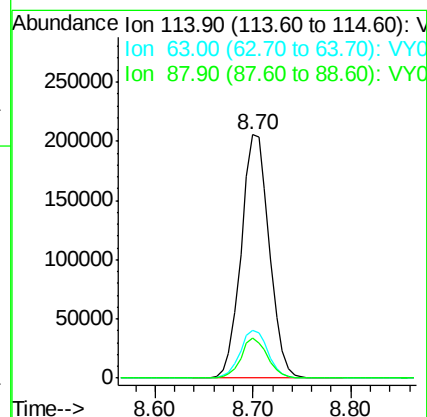
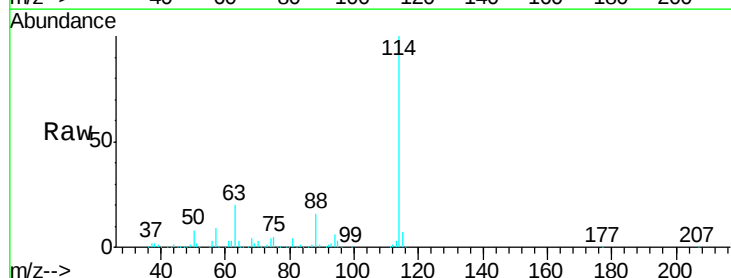
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBSD01

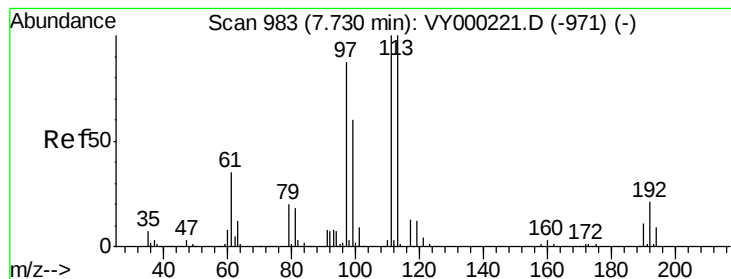
Tgt Ion: 65 Resp: 159688
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

Tgt Ion: 114 Resp: 408520
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.655 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampled :

VY1009WBSD01

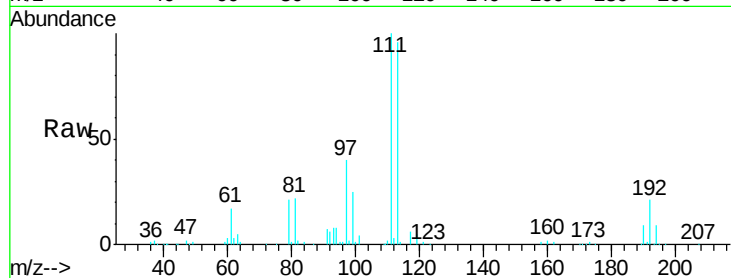
Tgt Ion: 113 Resp: 126392

Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

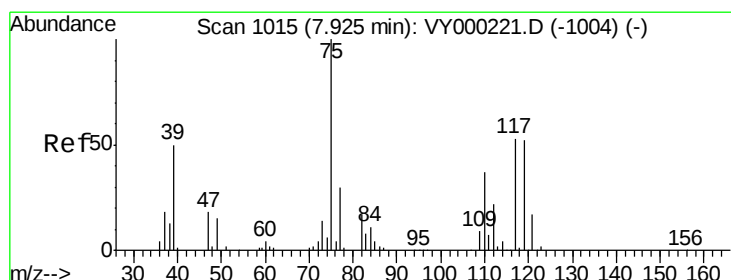
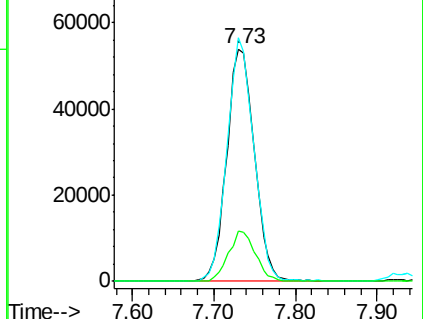
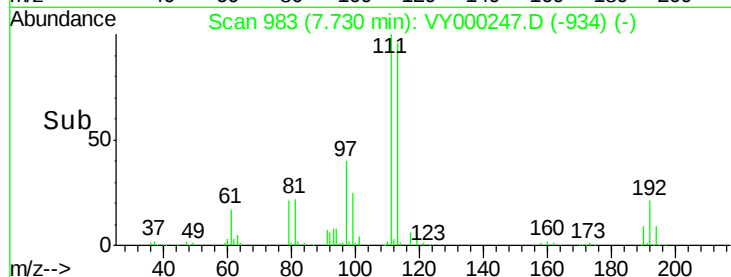
192 20.9 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.543 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

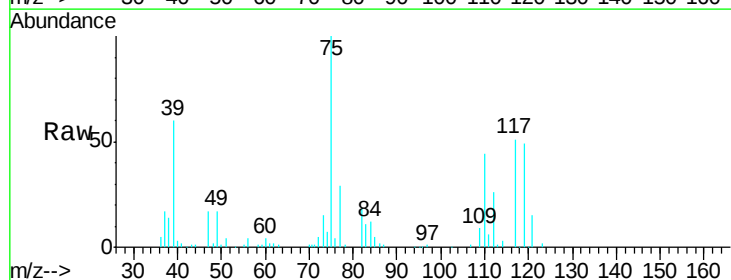
Tgt Ion: 75 Resp: 68764

Ion Ratio Lower Upper

75 100

110 38.5 18.4 55.2

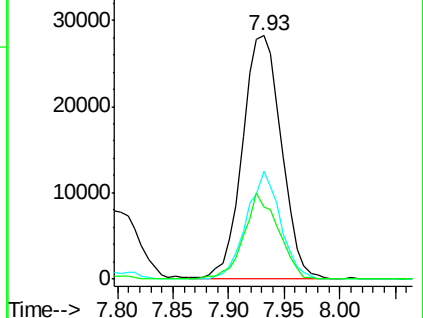
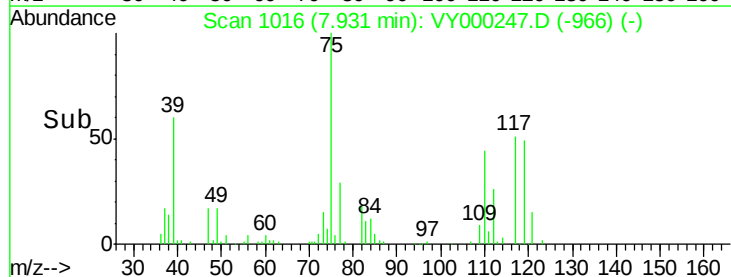
77 31.3 24.7 37.1

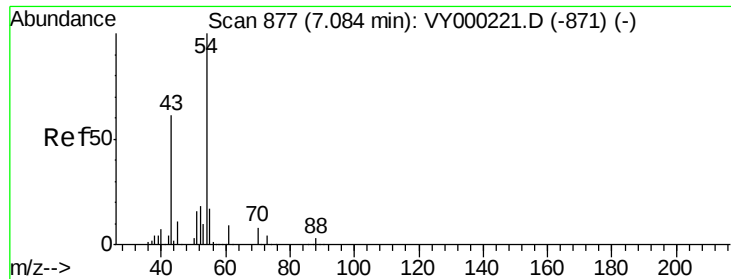


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

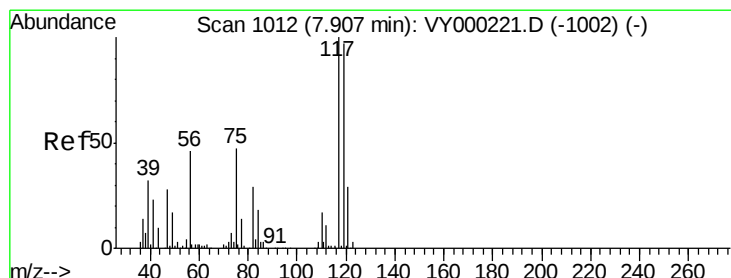
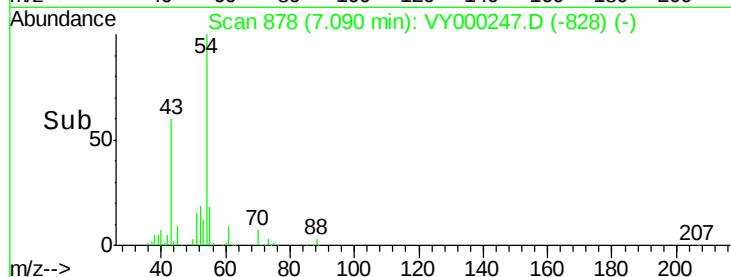
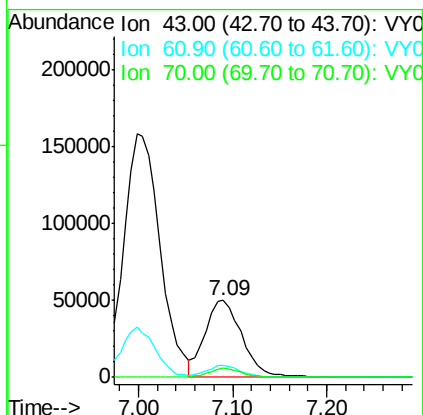
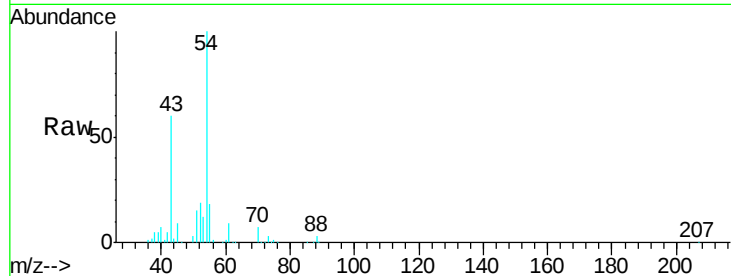




#37
Ethyl Acetate
Concen: 18.039 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

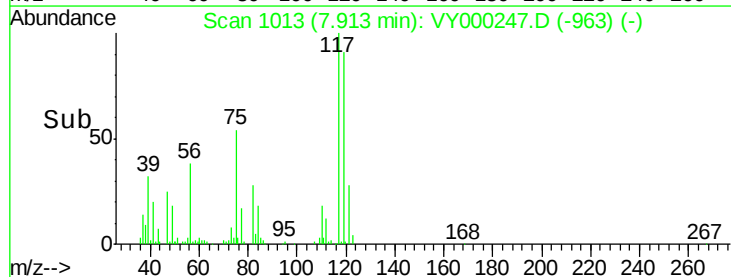
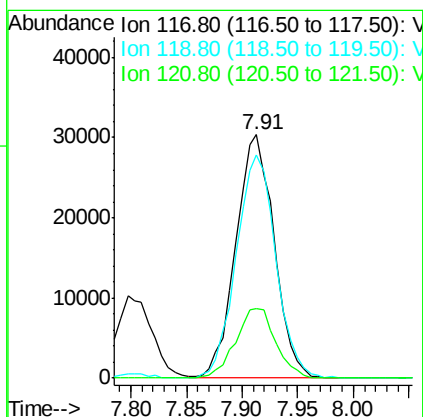
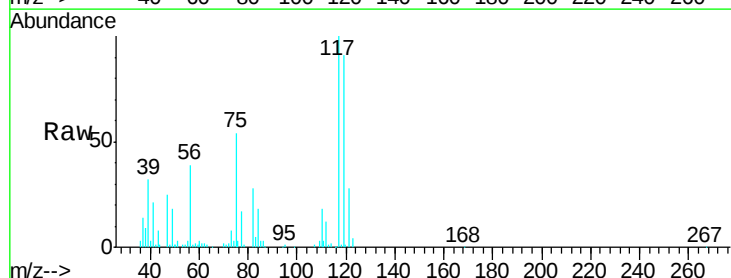
Instrument :
MSVOA_Y
ClientSampled :
VY1009WBSD01

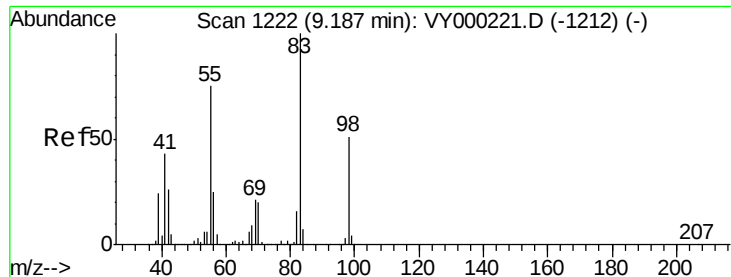
Tgt Ion: 43 Resp: 135550
Ion Ratio Lower Upper
43 100
61 14.3 11.1 16.7
70 10.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 17.979 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

Tgt Ion: 117 Resp: 72838
Ion Ratio Lower Upper
117 100
119 91.4 77.2 115.8
121 28.4 23.1 34.7

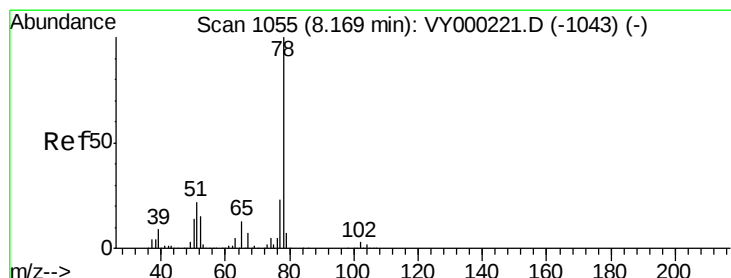
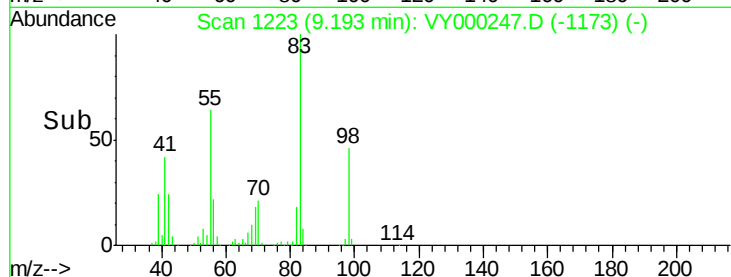
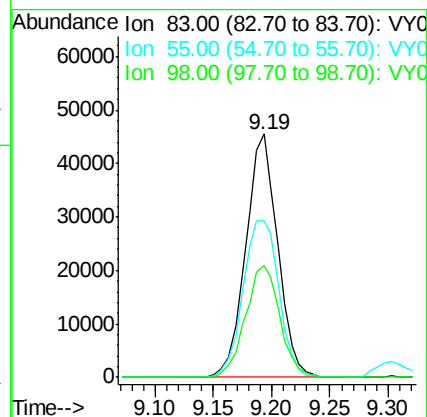
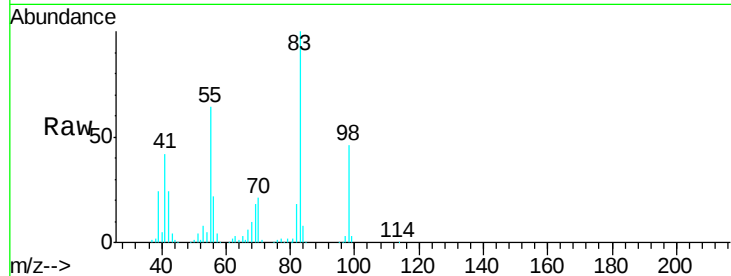




#39
Methylcyclohexane
Concen: 16.739 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

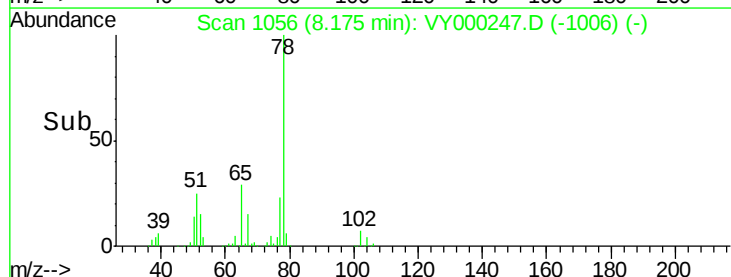
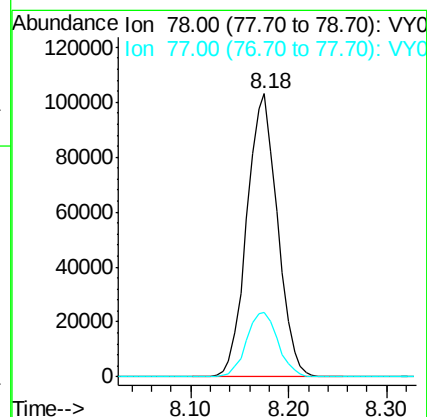
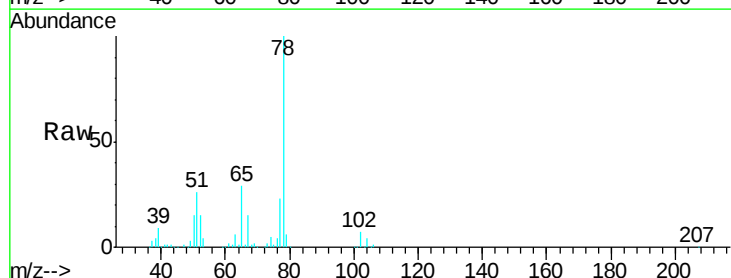
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBSD01

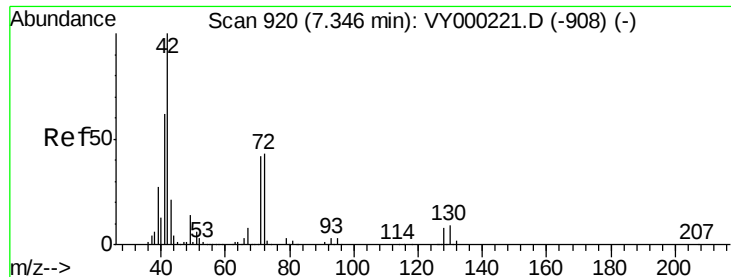
Tgt Ion: 83 Resp: 87286
Ion Ratio Lower Upper
83 100
55 64.3 60.2 90.4
98 45.8 40.5 60.7



#40
Benzene
Concen: 17.745 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

Tgt Ion: 78 Resp: 223746
Ion Ratio Lower Upper
78 100
77 22.8 18.6 28.0





#41

Methacrylonitrile

Concen: 37.341 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBSD01

Tgt Ion: 41 Resp: 220855

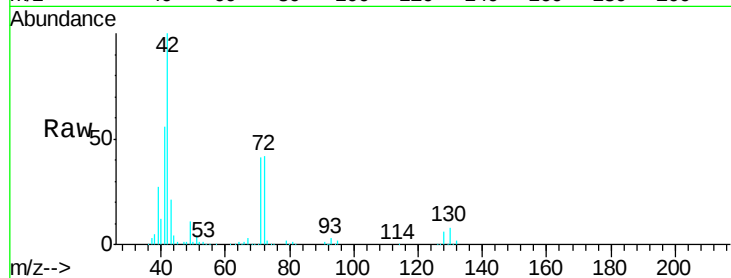
Ion Ratio Lower Upper

41 100

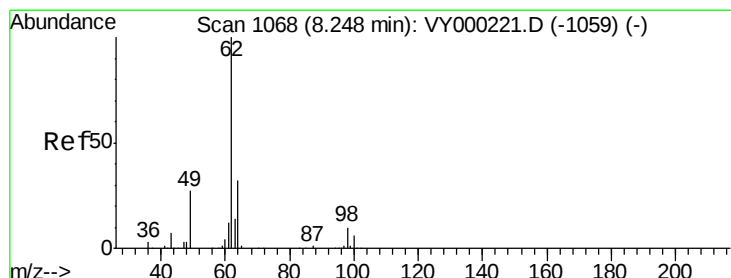
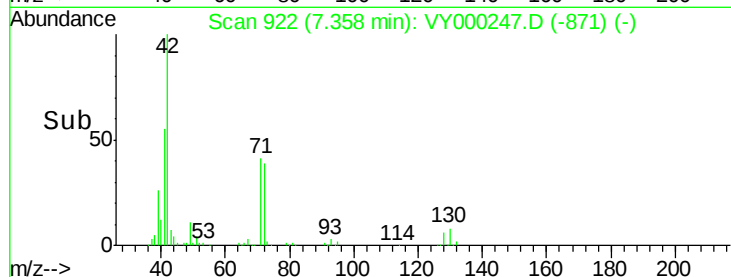
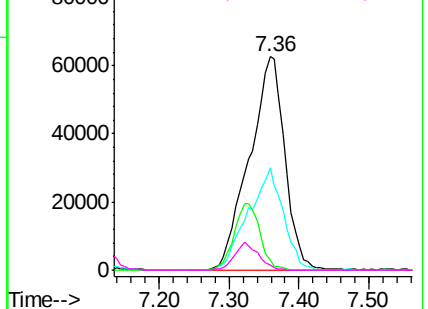
39 46.9 74.7 112.1#

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: 18.933 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000247.D

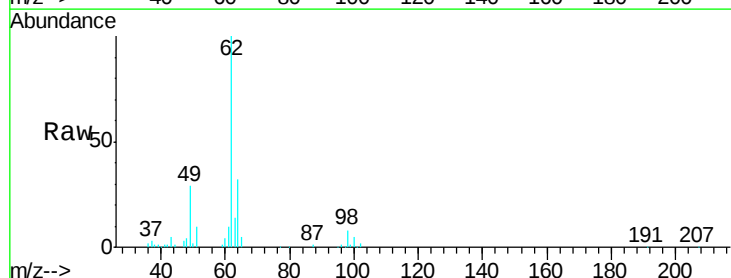
Acq: 09 Oct 2019 16:36

Tgt Ion: 62 Resp: 77544

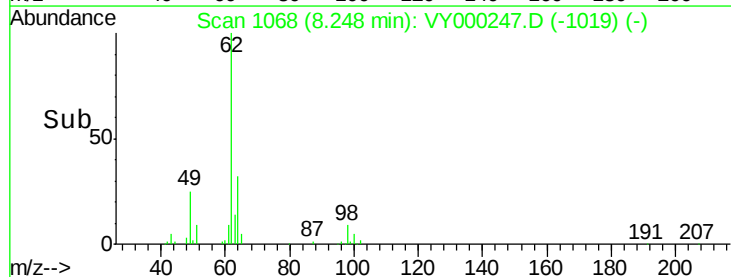
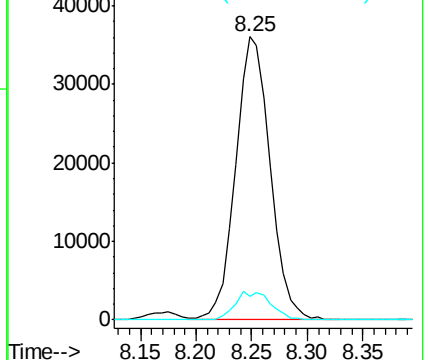
Ion Ratio Lower Upper

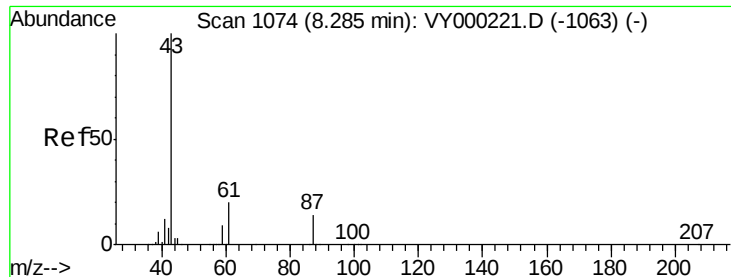
62 100

98 10.4 0.0 20.0



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





#43

Isopropyl Acetate

Concen: 18.307 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBSD01

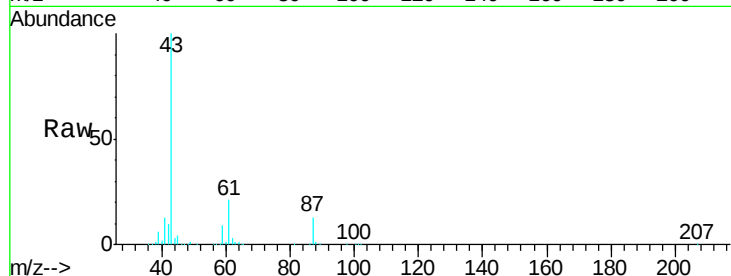
Tgt Ion: 43 Resp: 177071

Ion Ratio Lower Upper

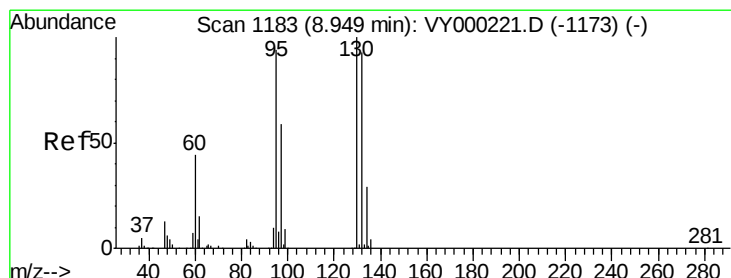
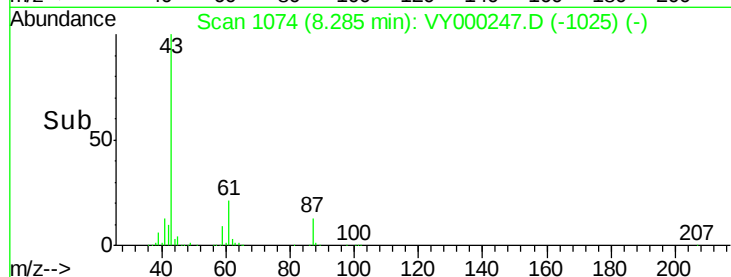
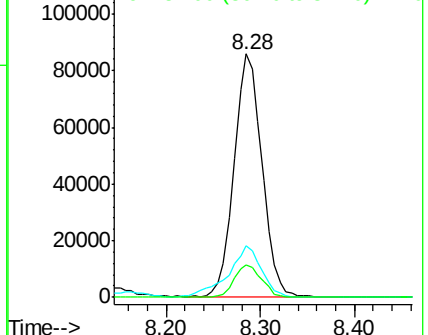
43 100

61 25.4 20.1 30.1

87 13.2 10.6 15.8



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



#44

Trichloroethene

Concen: 18.208 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY000247.D

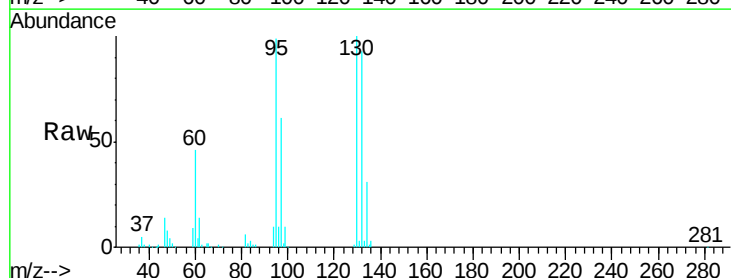
Acq: 09 Oct 2019 16:36

Tgt Ion: 130 Resp: 62259

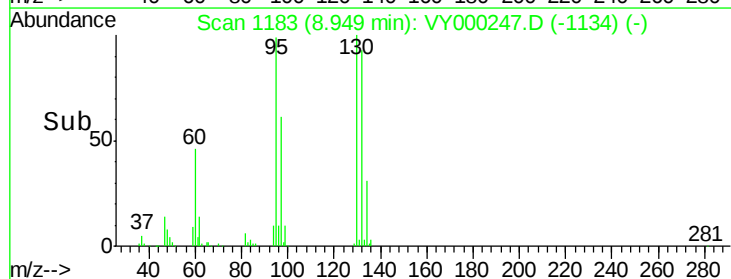
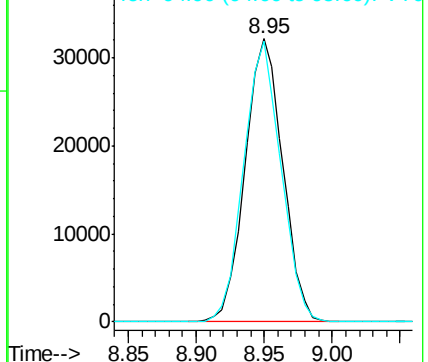
Ion Ratio Lower Upper

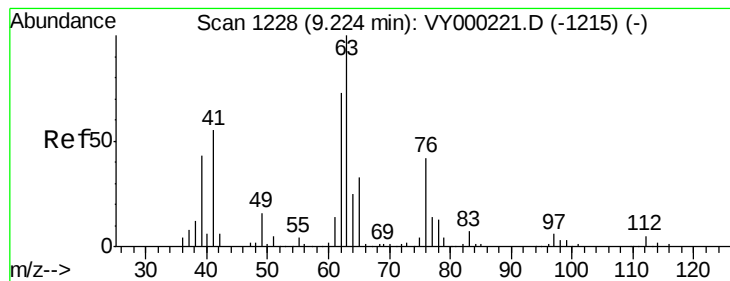
130 100

95 99.1 0.0 189.0



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





#45

1,2-Dichloropropane

Concen: 18.043 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

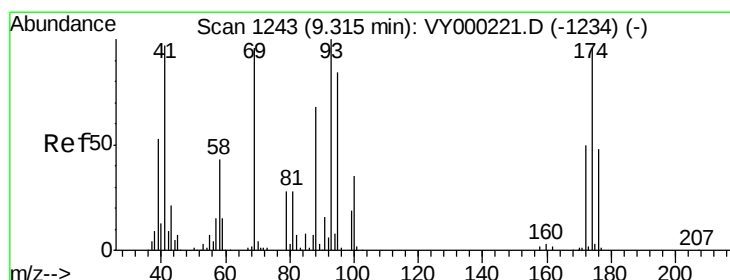
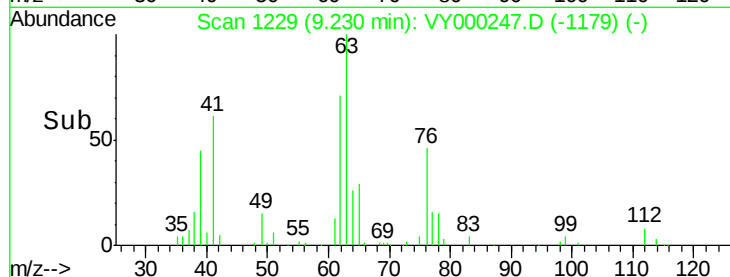
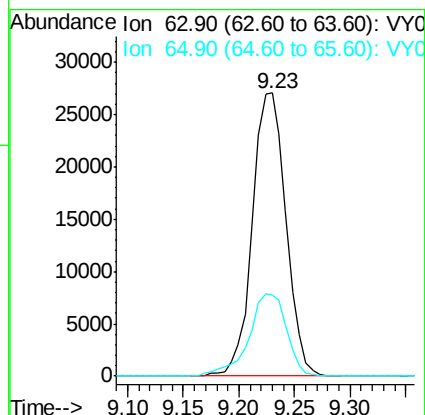
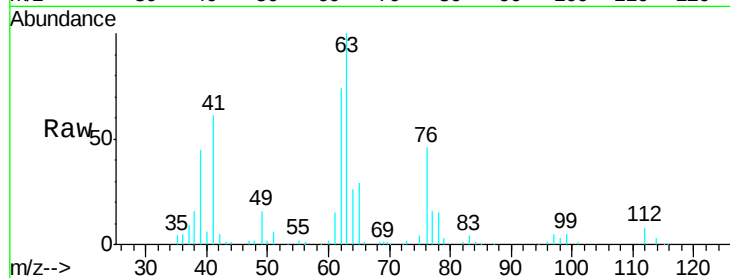
VY1009WBSD01

Tgt Ion: 63 Resp: 56986

Ion Ratio Lower Upper

63 100

65 28.7 26.6 39.8



#46

Dibromomethane

Concen: 17.269 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

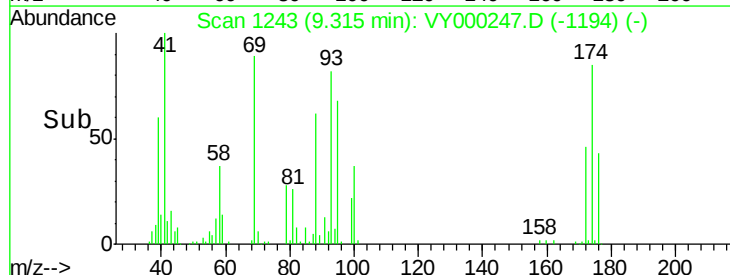
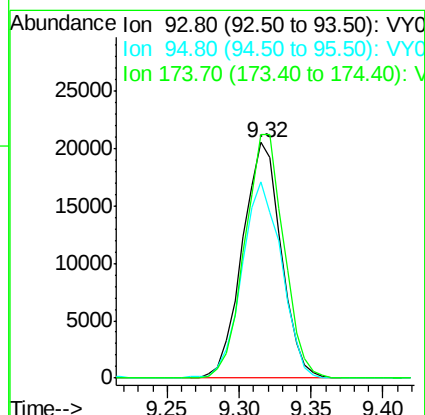
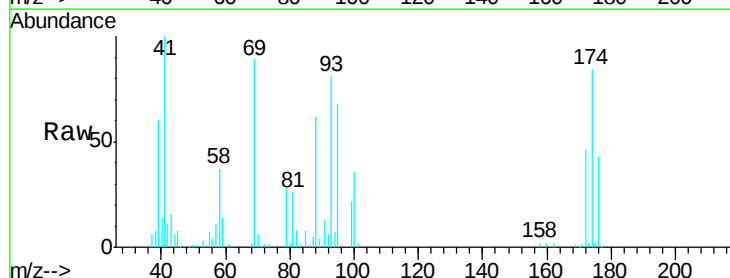
Tgt Ion: 93 Resp: 38235

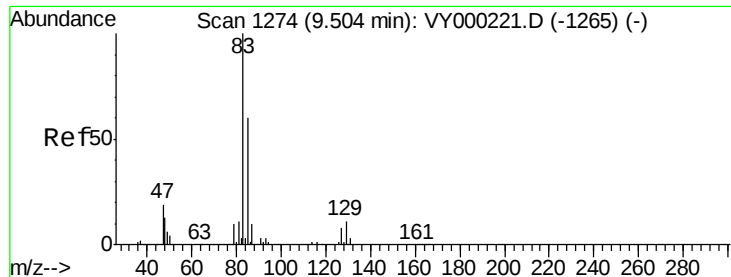
Ion Ratio Lower Upper

93 100

95 85.1 67.0 100.6

174 103.9 77.5 116.3





#47

Bromodichloromethane

Concen: 18.205 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBSD01

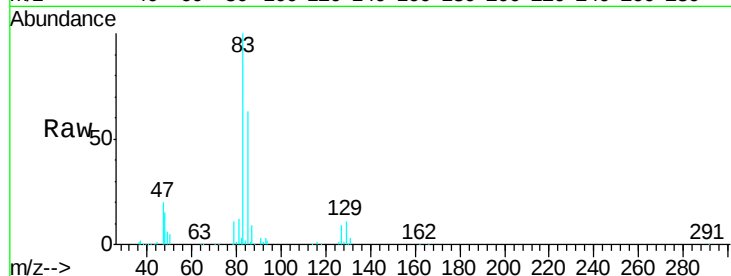
Tgt Ion: 83 Resp: 78848

Ion Ratio Lower Upper

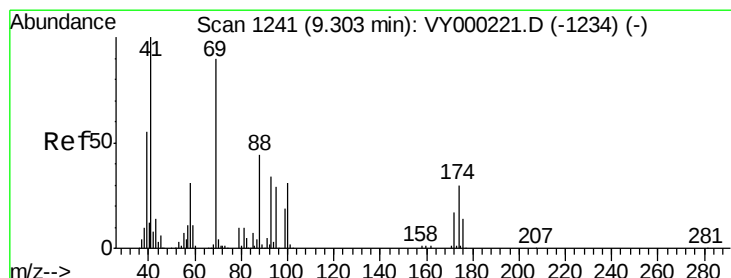
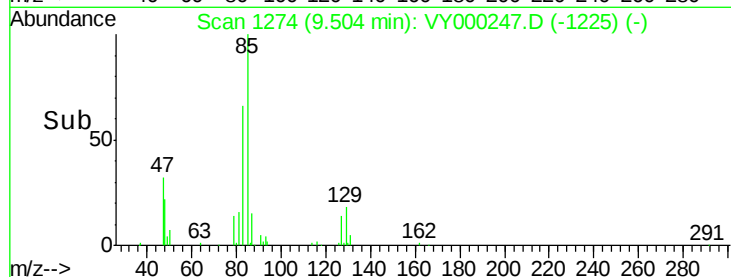
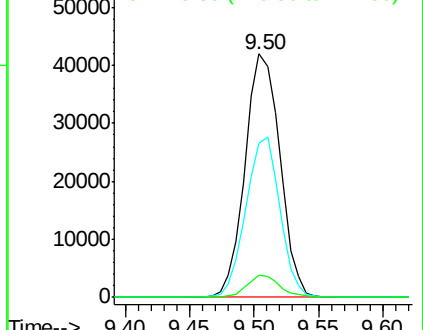
83 100

85 63.2 48.0 72.0

127 8.9 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.522 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

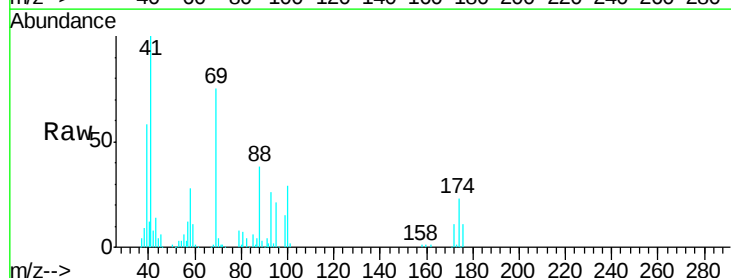
Tgt Ion: 41 Resp: 80863

Ion Ratio Lower Upper

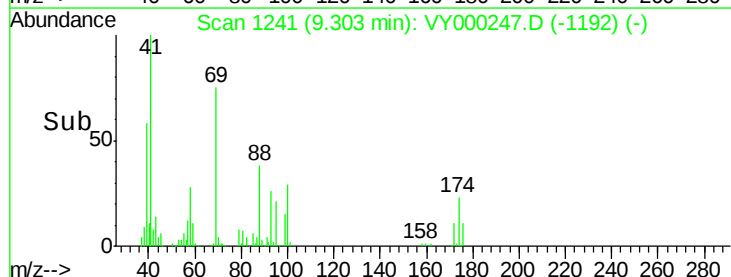
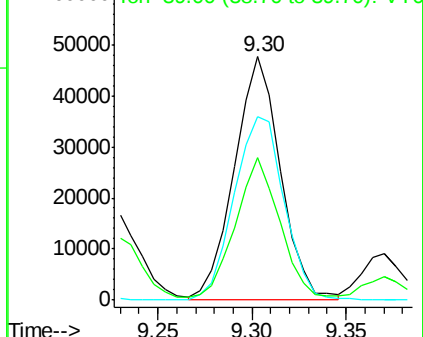
41 100

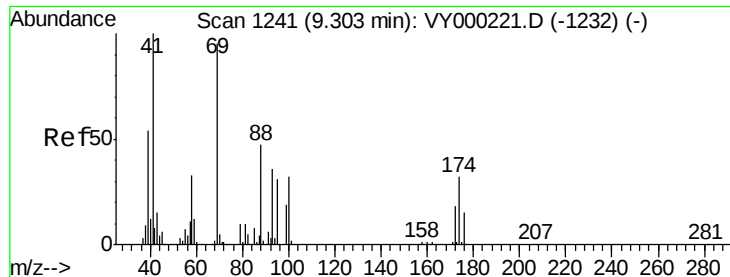
69 81.7 70.3 105.5

39 57.7 45.5 68.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

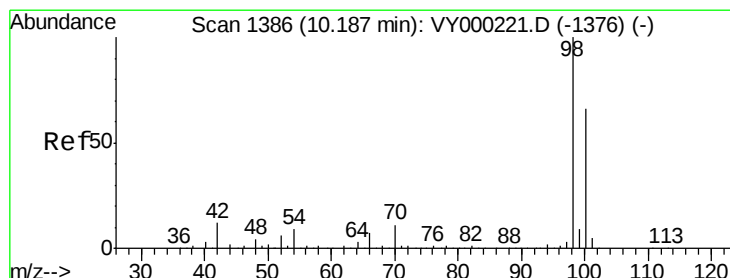
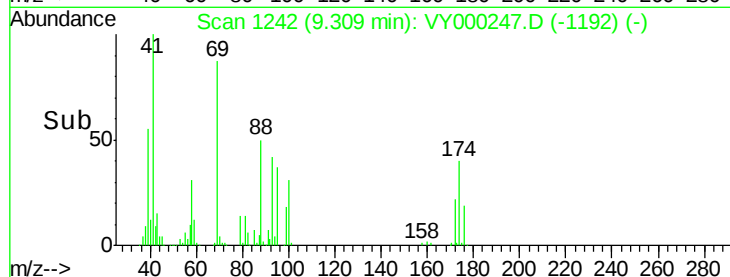
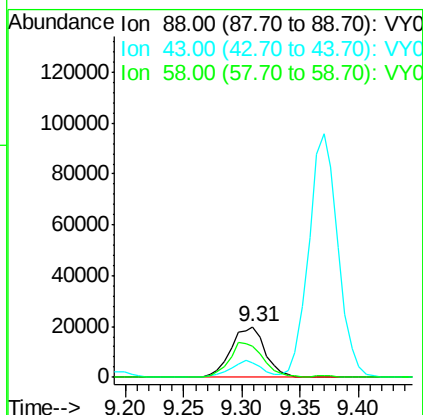
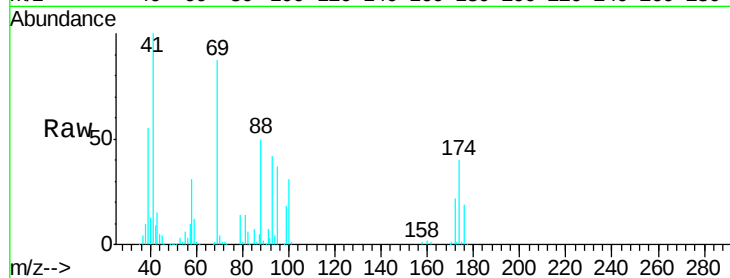




#49
1,4-Dioxane
Concen: 359.962 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

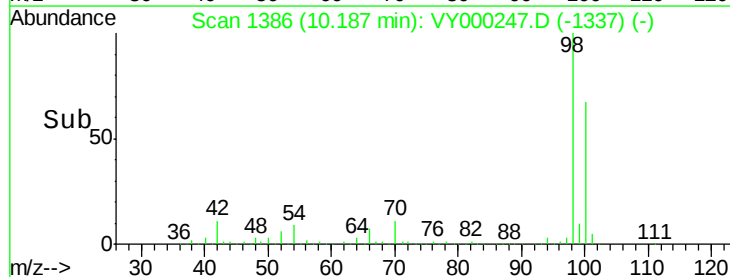
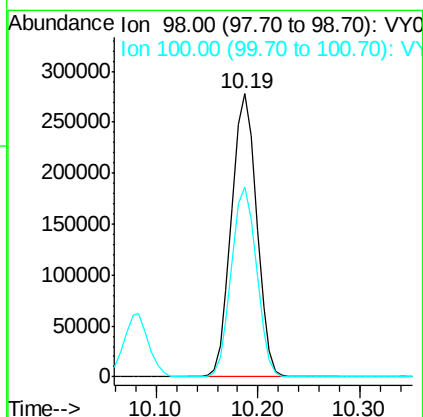
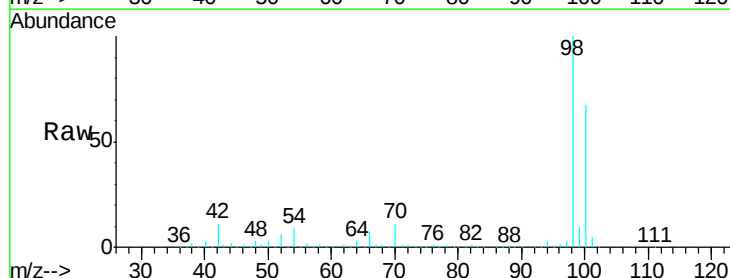
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBSD01

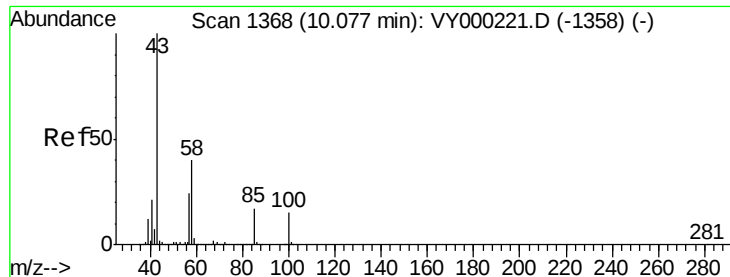
Tgt Ion: 88 Resp: 40341
Ion Ratio Lower Upper
88 100
43 30.5 24.5 36.7
58 68.3 54.2 81.2



#50
Toluene-d8
Concen: 47.514 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

Tgt Ion: 98 Resp: 475079
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.6

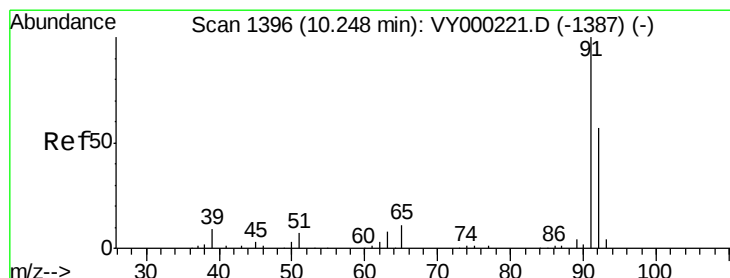
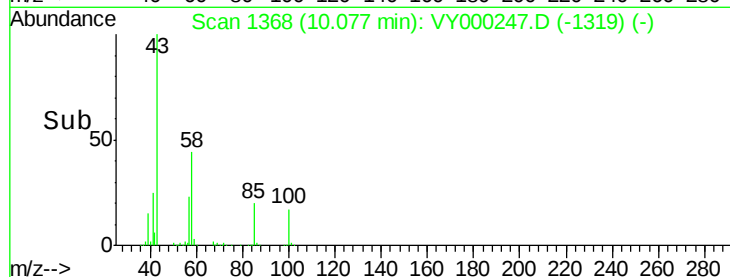
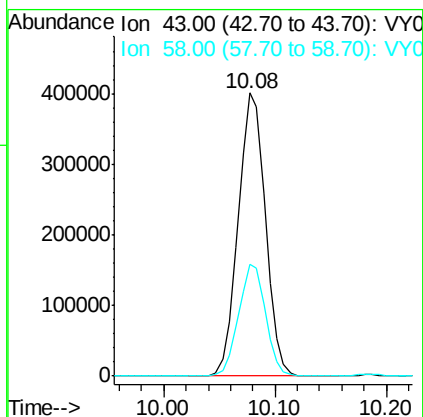
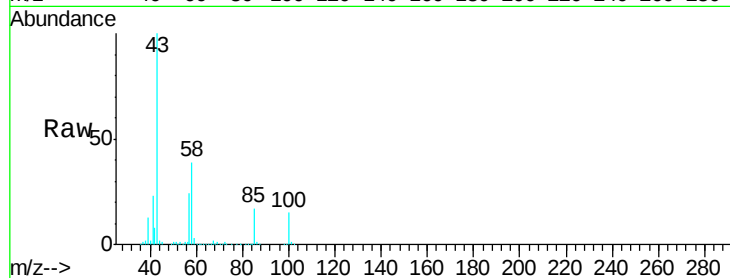




#51
4-Methyl-2-Pentanone
Concen: 93.302 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

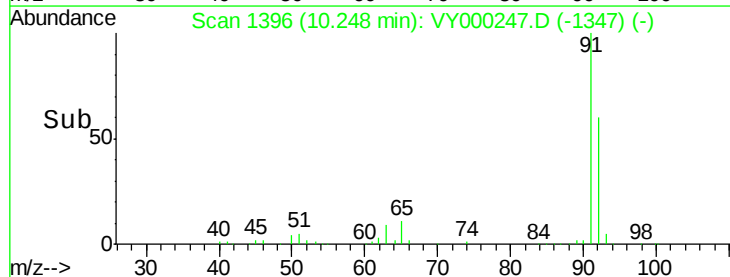
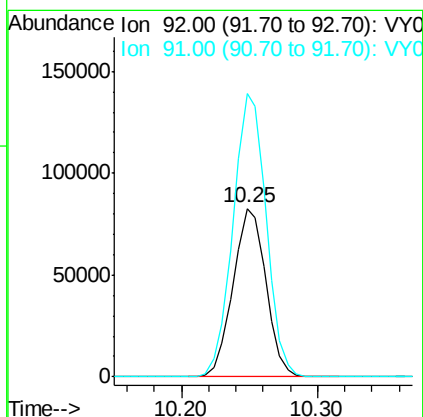
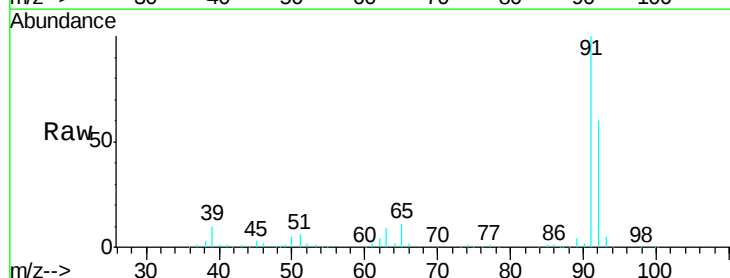
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBSD01

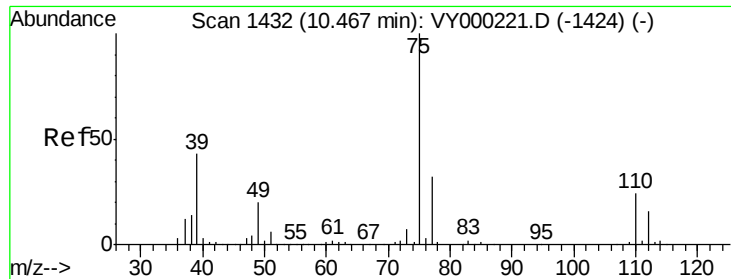
Tgt Ion: 43 Resp: 678217
Ion Ratio Lower Upper
43 100
58 39.1 31.7 47.5



#52
Toluene
Concen: 17.224 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

Tgt Ion: 92 Resp: 139293
Ion Ratio Lower Upper
92 100
91 169.1 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.047 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

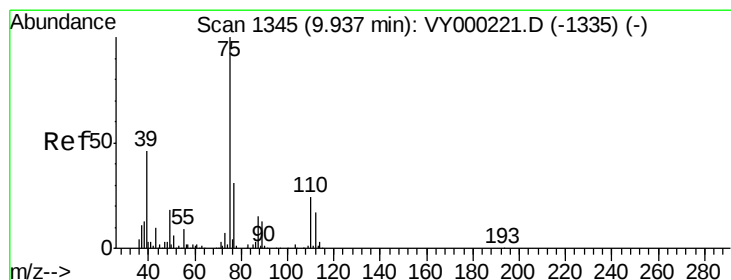
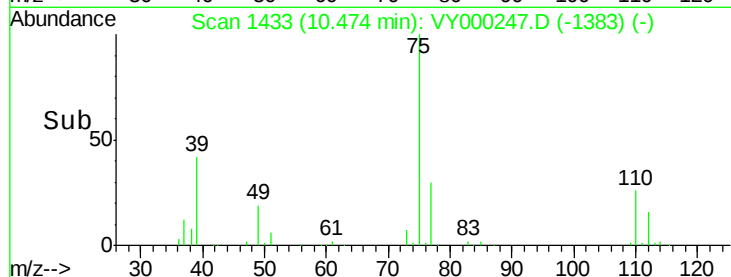
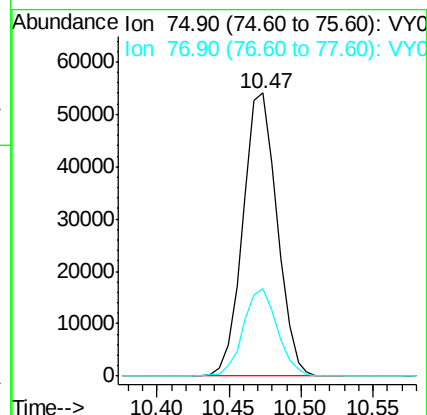
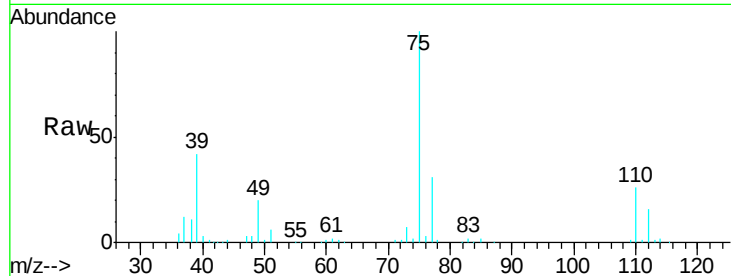
VY1009WBSD01

Tgt Ion: 75 Resp: 88675

Ion Ratio Lower Upper

75 100

77 30.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 17.391 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

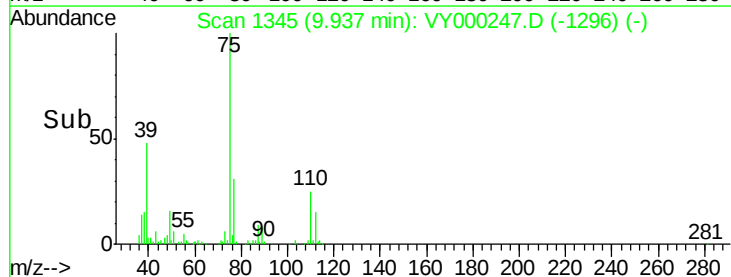
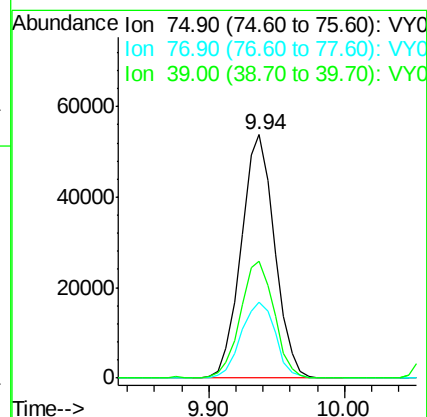
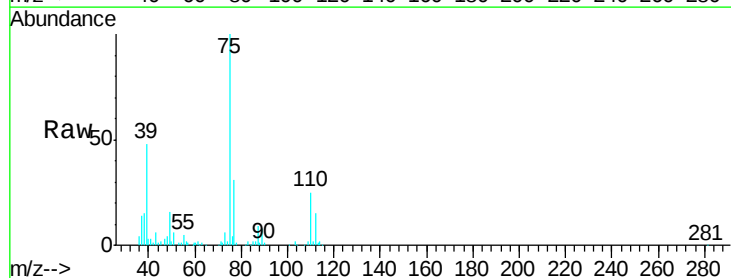
Tgt Ion: 75 Resp: 92466

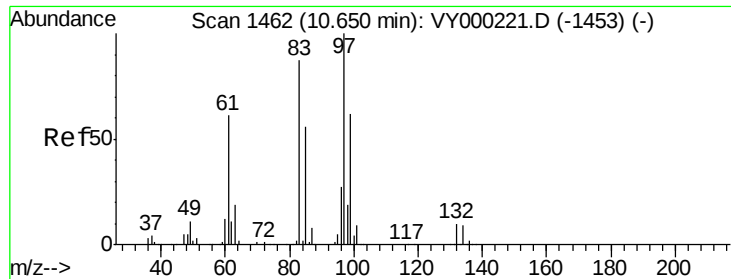
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4

39 48.1 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 18.367 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBSD01

Tgt Ion: 97 Resp: 58572

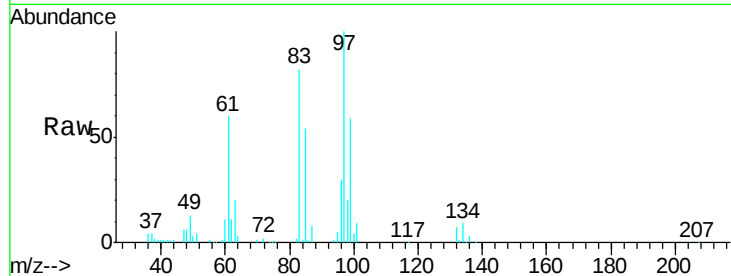
Ion Ratio Lower Upper

97 100

83 81.8 69.4 104.0

85 54.4 44.6 66.8

99 59.0 49.2 73.8

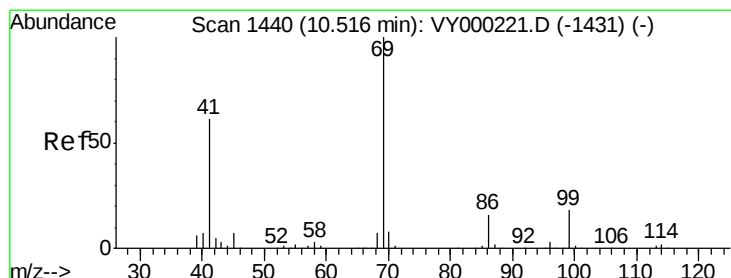
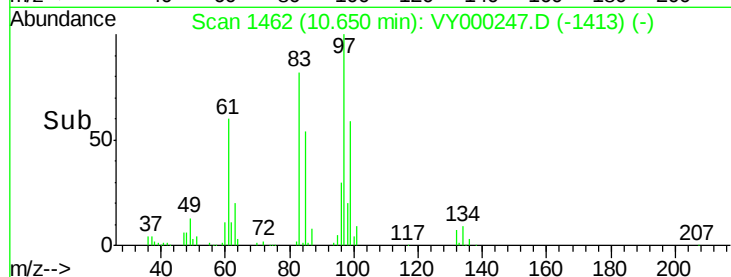
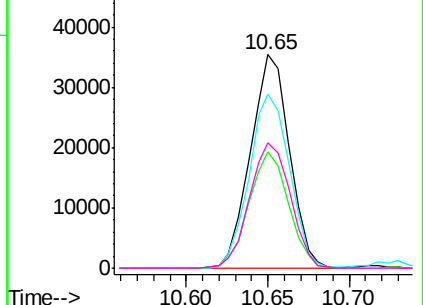


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 17.388 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

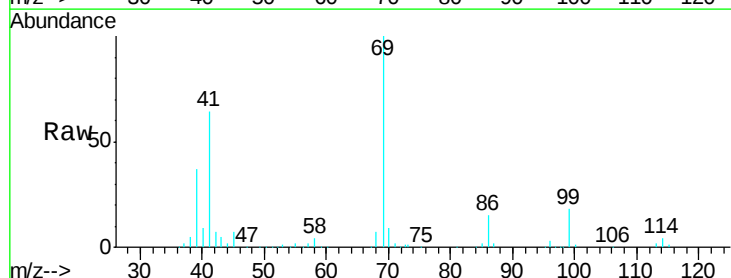
Tgt Ion: 69 Resp: 97620

Ion Ratio Lower Upper

69 100

41 66.5 51.2 76.8

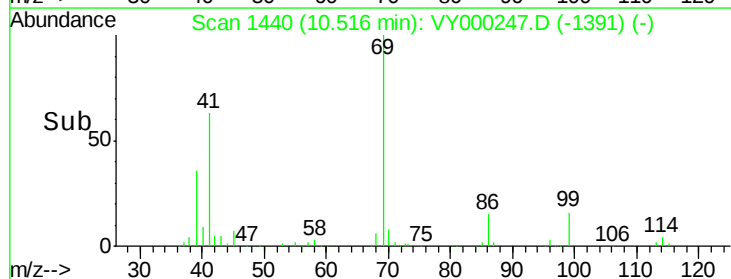
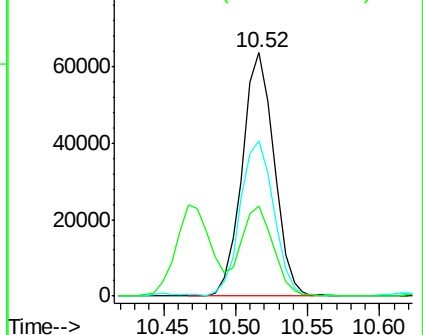
39 38.2 27.0 40.4

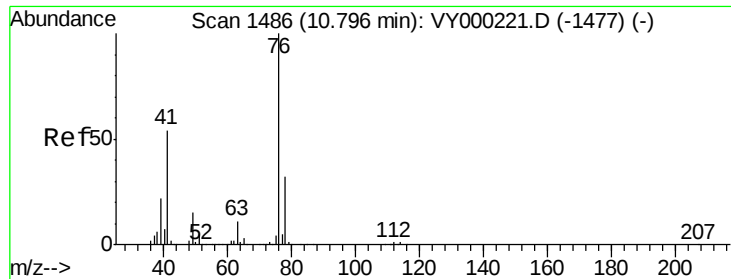


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

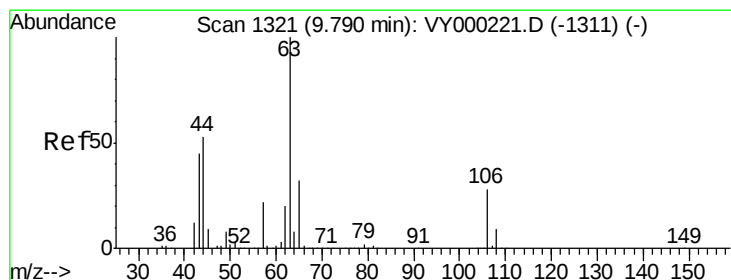
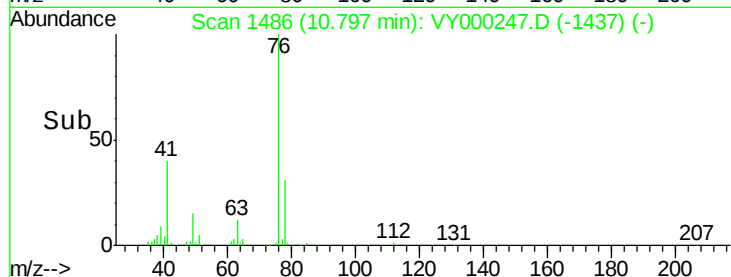
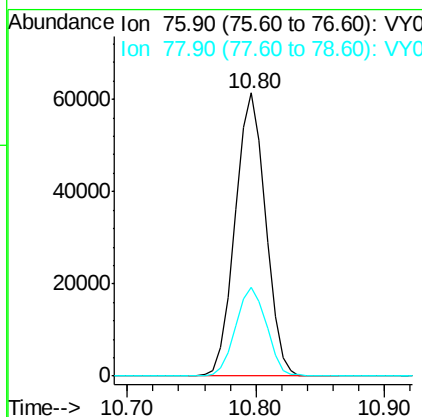
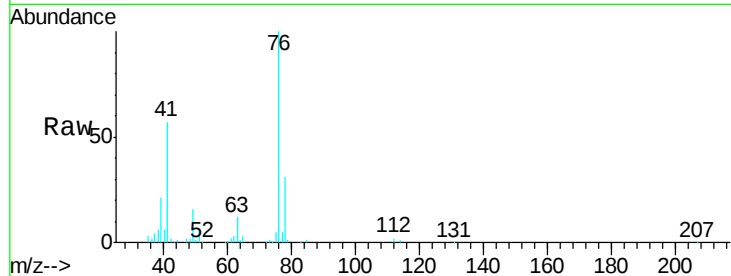




#57
 1,3-Dichloropropane
 Concen: 18.480 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

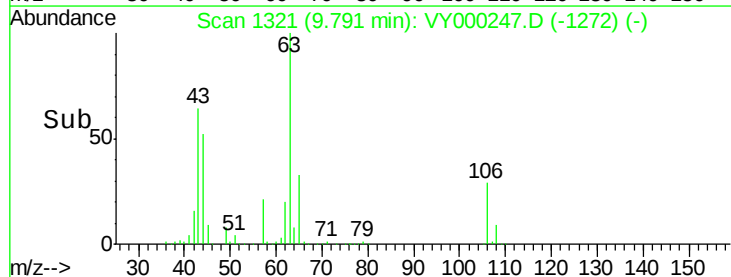
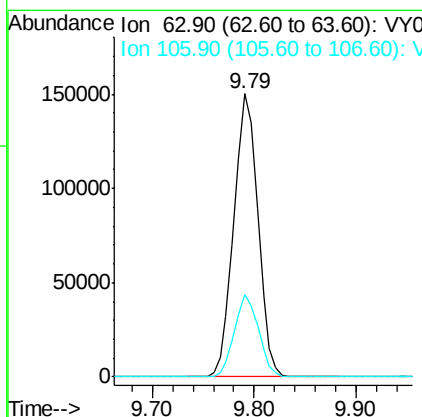
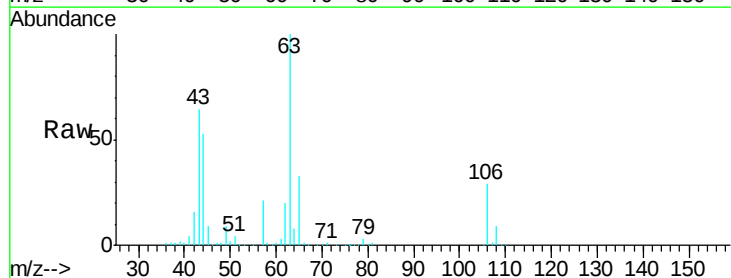
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBSD01

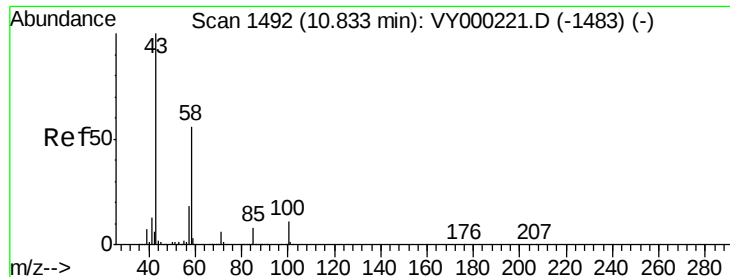
Tgt Ion: 76 Resp: 100620
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.033 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

Tgt Ion: 63 Resp: 245324
 Ion Ratio Lower Upper
 63 100
 106 29.2 22.6 33.8

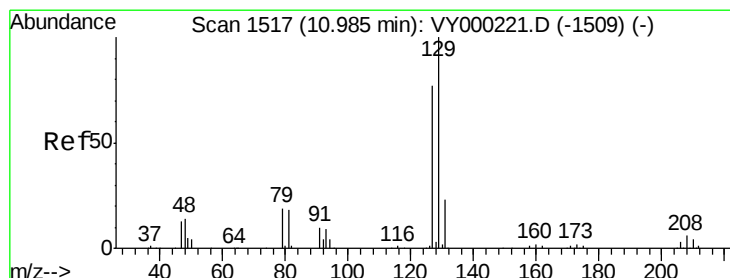
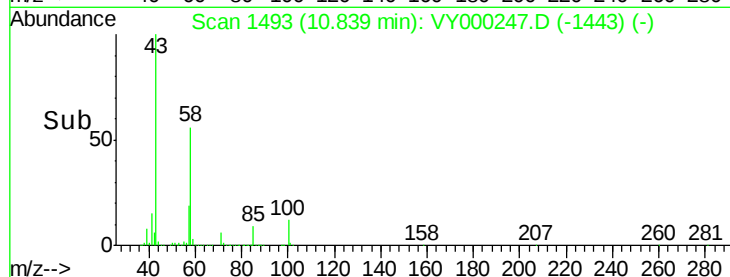
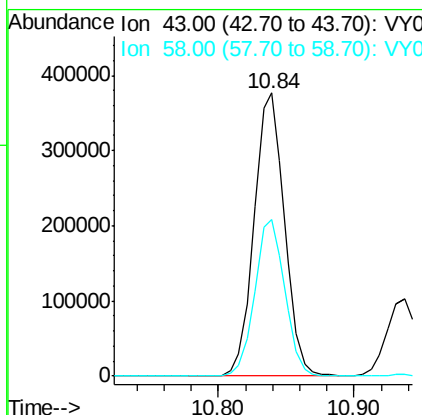
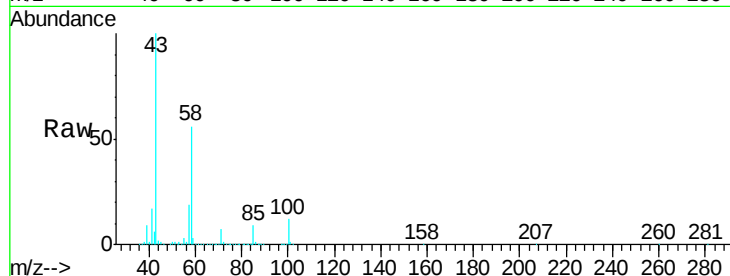




#59
2-Hexanone
Concen: 87.076 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

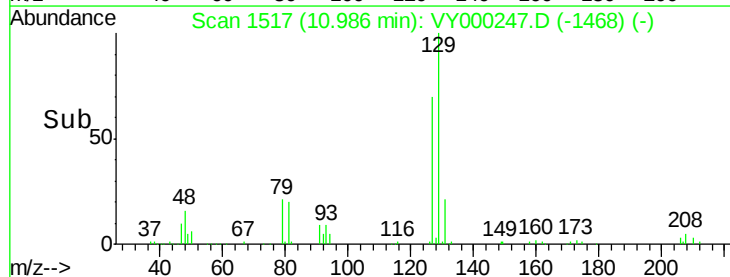
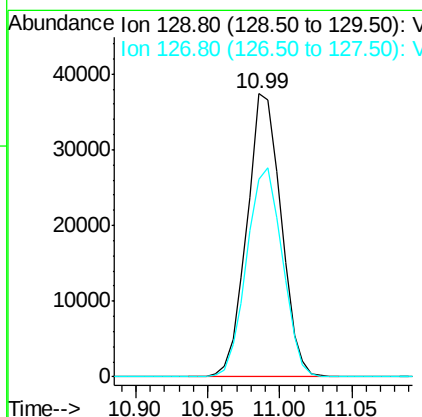
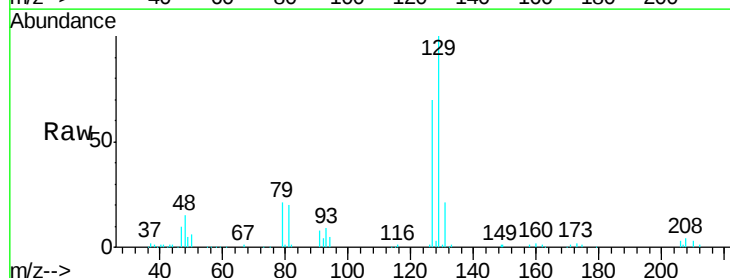
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBSD01

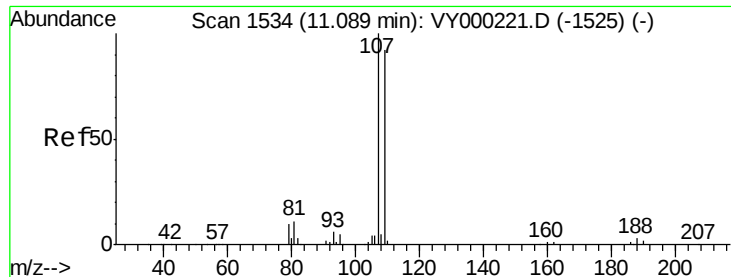
Tgt Ion: 43 Resp: 589877
Ion Ratio Lower Upper
43 100
58 55.0 28.2 84.6



#60
Dibromochloromethane
Concen: 18.258 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

Tgt Ion: 129 Resp: 61558
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.257 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

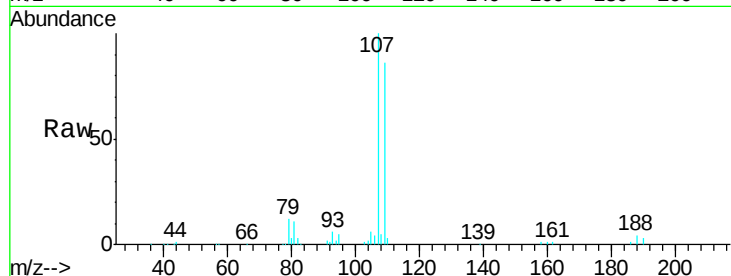
VY1009WBSD01

Tgt Ion: 107 Resp: 61841

Ion Ratio Lower Upper

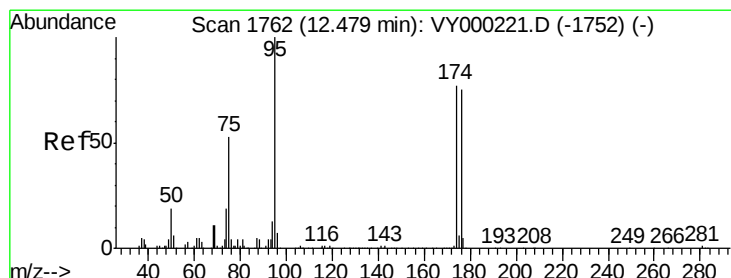
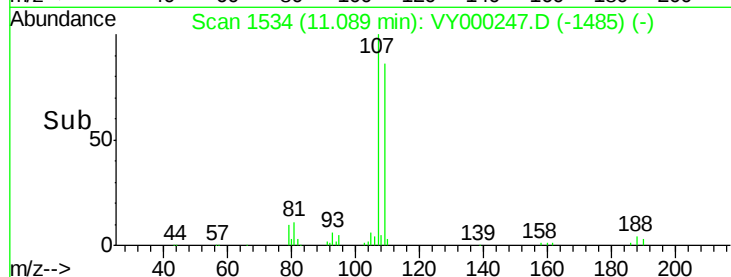
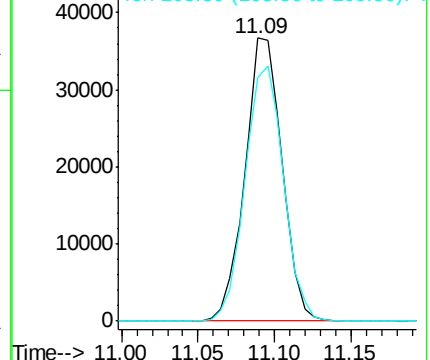
107 100

109 93.4 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.879 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

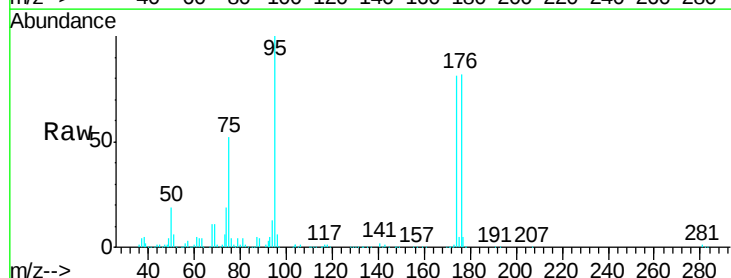
Tgt Ion: 95 Resp: 168960

Ion Ratio Lower Upper

95 100

174 81.7 0.0 157.0

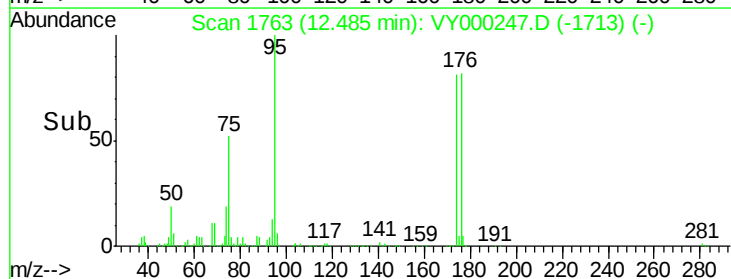
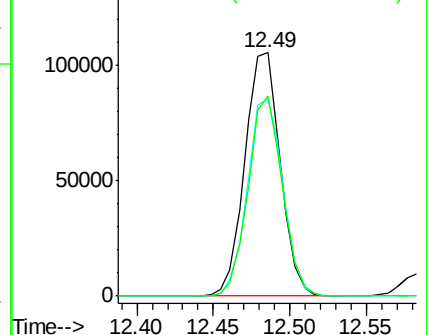
176 79.1 0.0 153.0

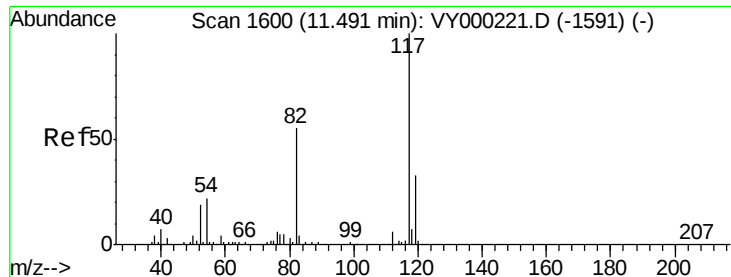


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

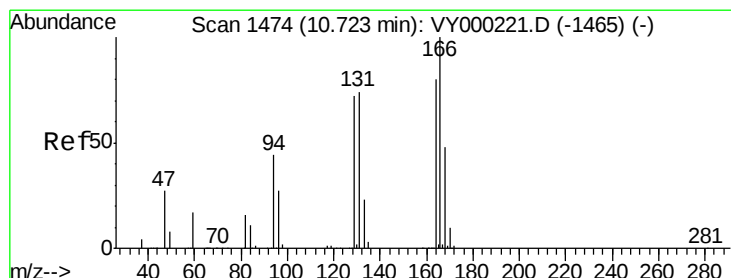
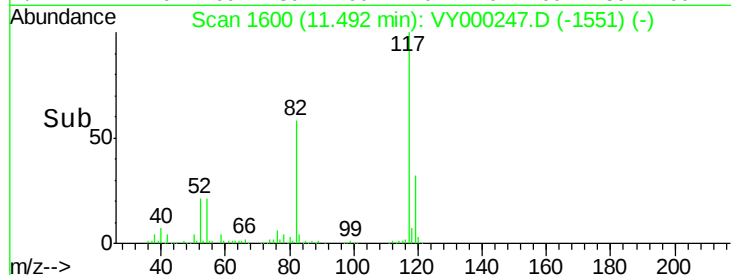
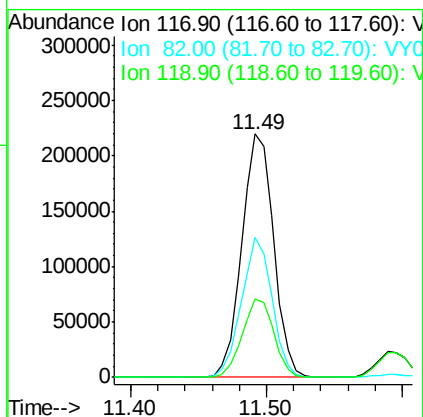
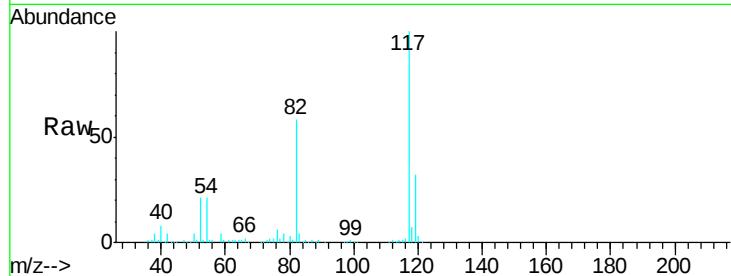




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

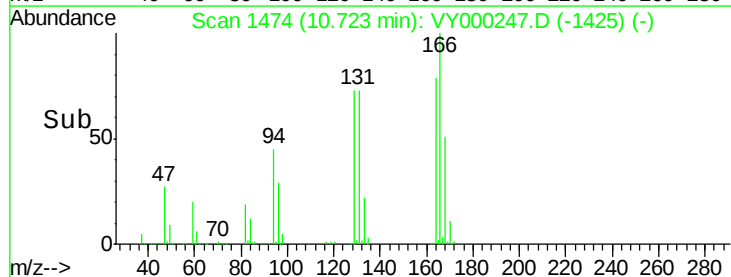
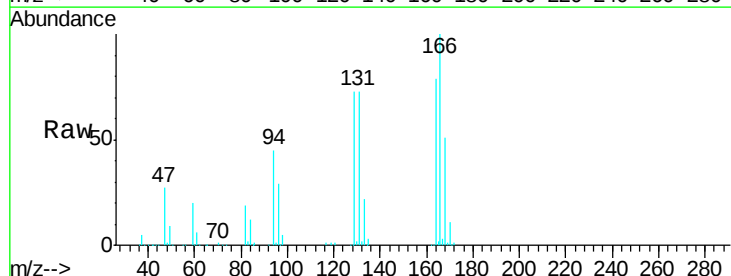
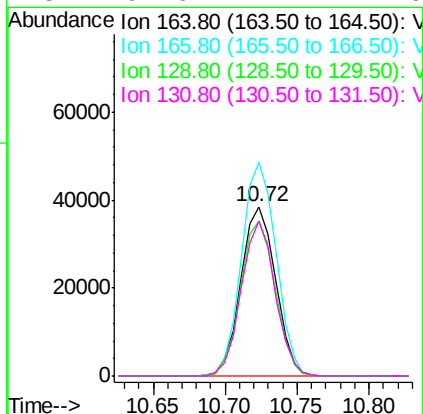
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBSD01

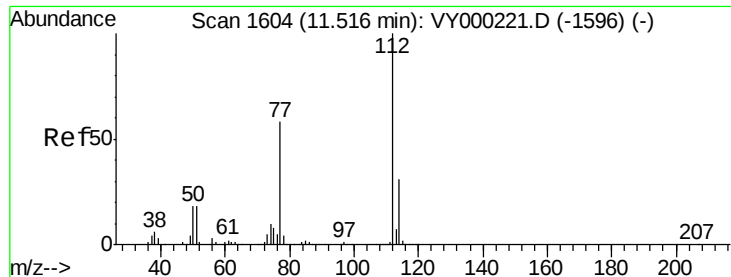
Tgt Ion:117 Resp: 359267
Ion Ratio Lower Upper
117 100
82 57.7 44.4 66.6
119 32.5 26.2 39.2



#64
Tetrachloroethene
Concen: 19.570 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

Tgt Ion:164 Resp: 64265
Ion Ratio Lower Upper
164 100
166 126.3 100.3 150.5
129 91.9 72.4 108.6
131 91.6 74.4 111.6





#65

Chlorobenzene

Concen: 18.066 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

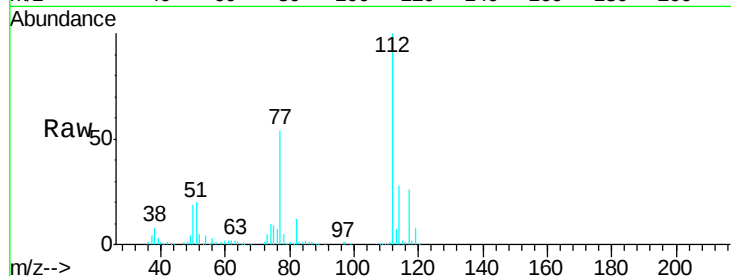
VY1009WBSD01

Tgt Ion:112 Resp: 150406

Ion Ratio Lower Upper

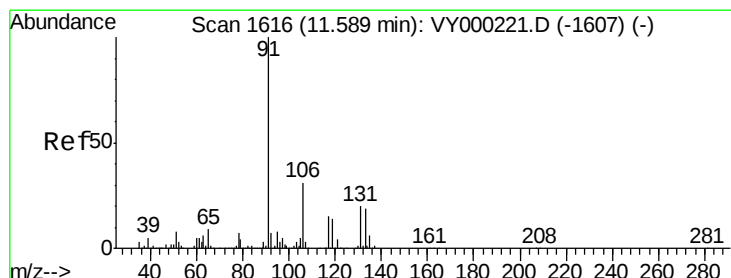
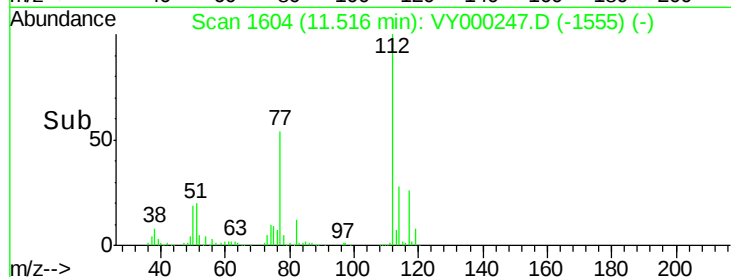
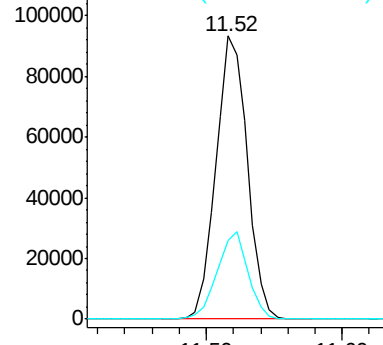
112 100

114 27.7 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.462 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

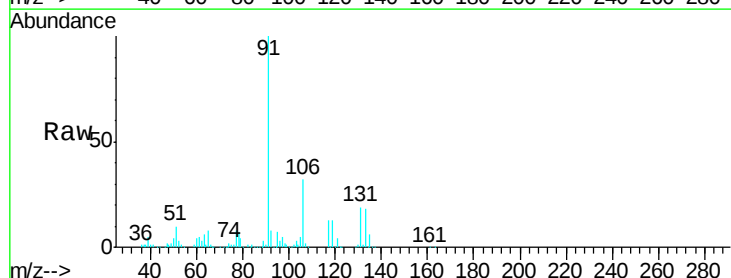
Tgt Ion:131 Resp: 54950

Ion Ratio Lower Upper

131 100

133 94.4 47.0 141.2

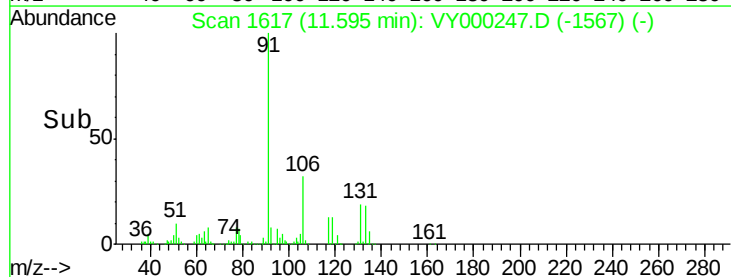
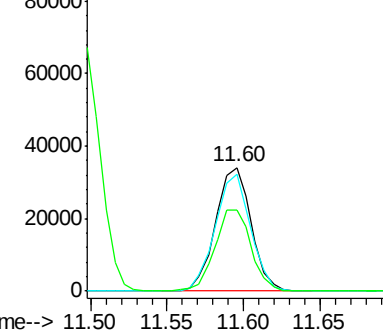
119 67.1 33.3 99.8

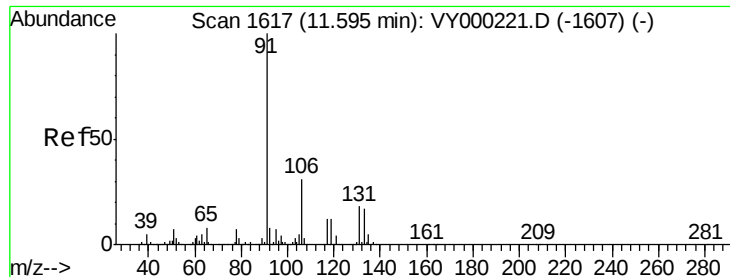


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 17.364 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

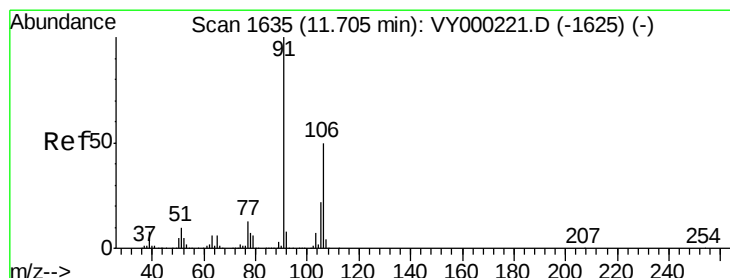
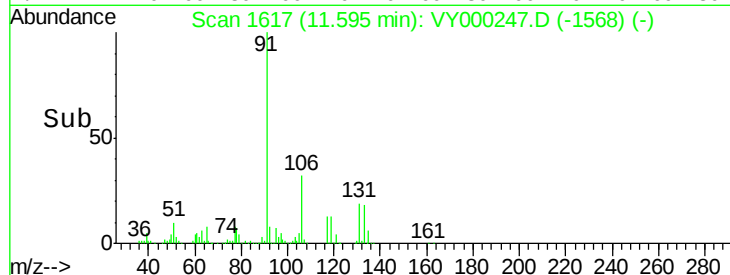
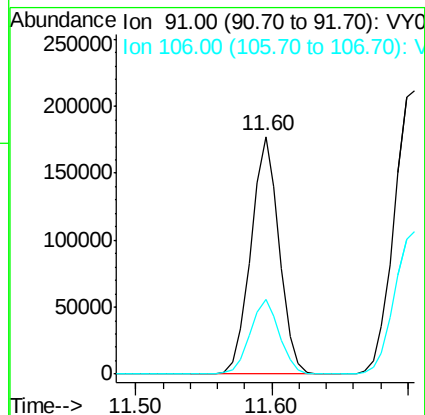
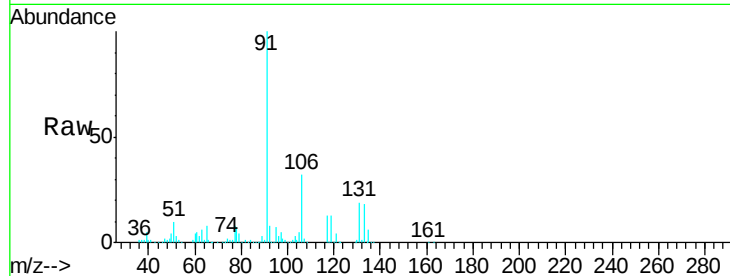
VY1009WBSD01

Tgt Ion: 91 Resp: 258418

Ion Ratio Lower Upper

91 100

106 31.6 25.2 37.8



#68

m/p-Xylenes

Concen: 34.697 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY000247.D

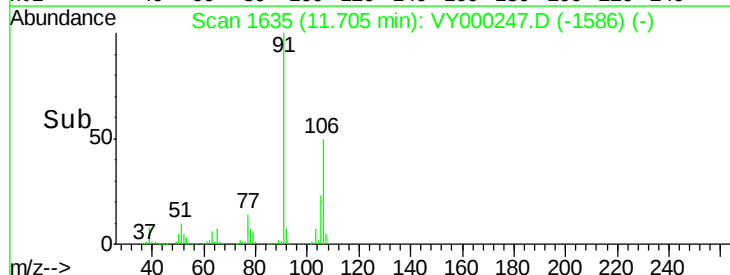
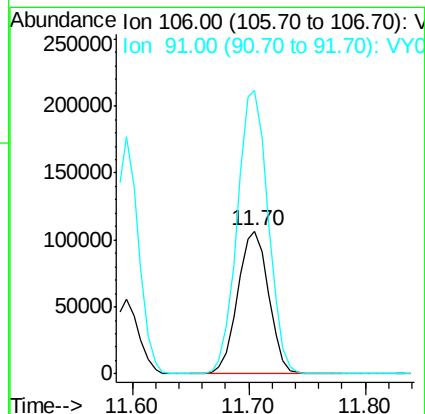
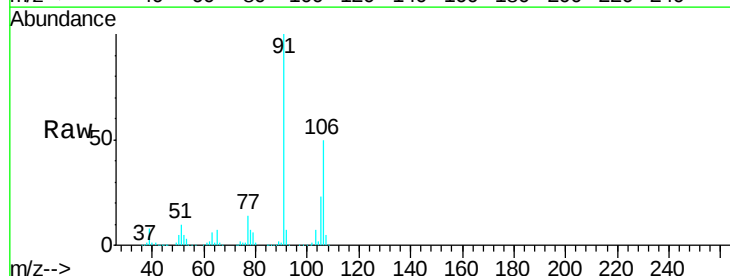
Acq: 09 Oct 2019 16:36

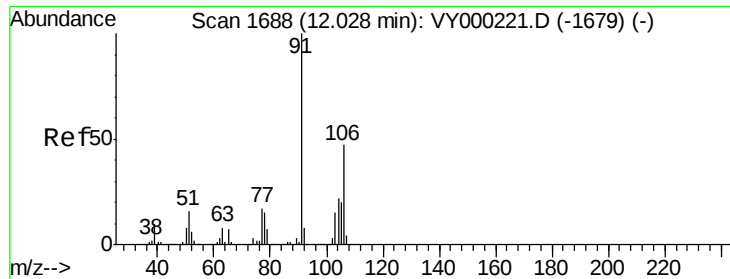
Tgt Ion: 106 Resp: 197036

Ion Ratio Lower Upper

106 100

91 198.9 159.9 239.9

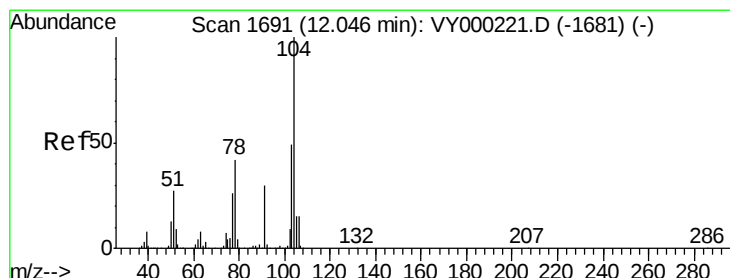
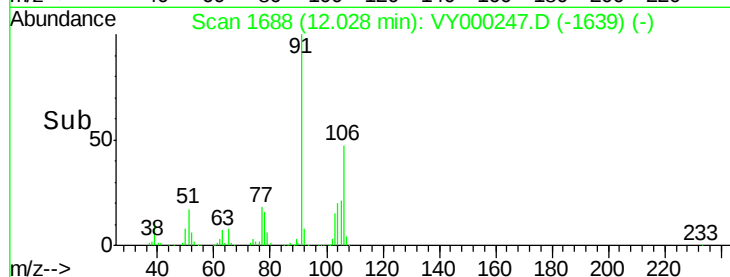
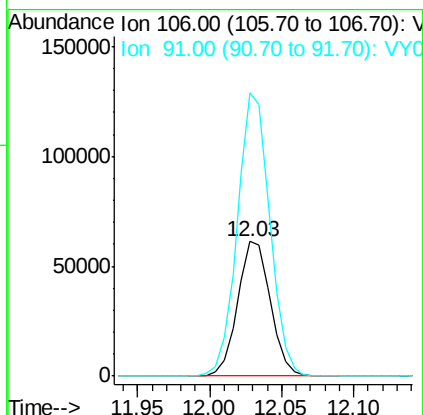
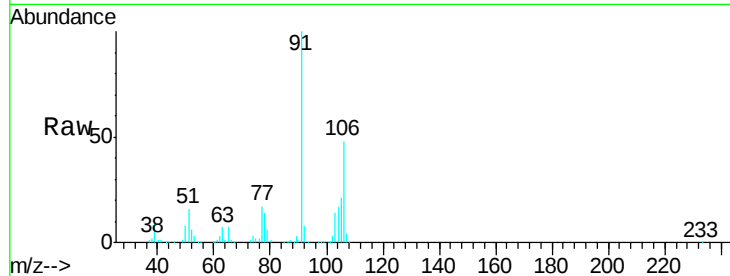




#69
o-Xylene
Concen: 17.641 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

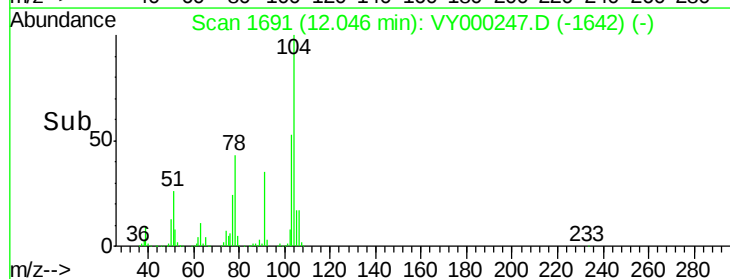
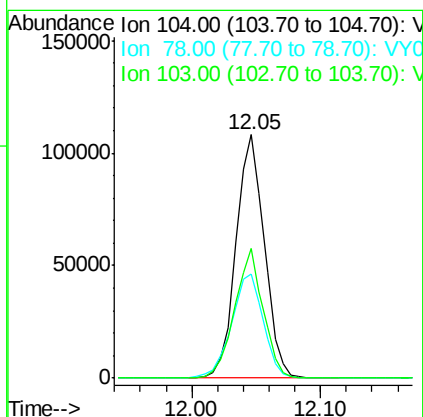
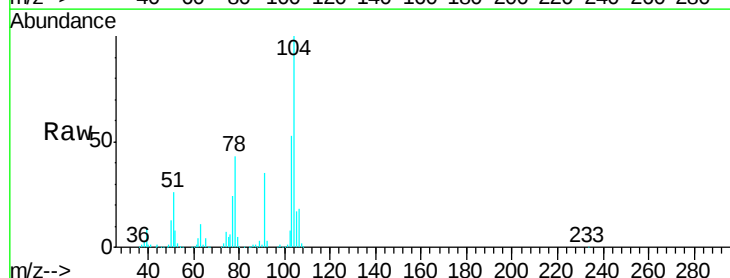
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBSD01

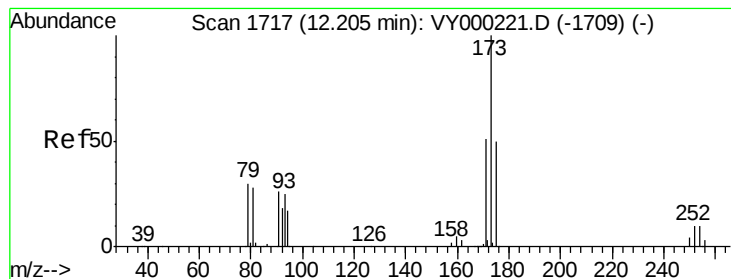
Tgt Ion:106 Resp: 96509
Ion Ratio Lower Upper
106 100
91 209.0 106.1 318.1



#70
Styrene
Concen: 17.485 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

Tgt Ion:104 Resp: 164775
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.4
103 53.8 43.1 64.7





#71

Bromoform

Concen: 18.226 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBSD01

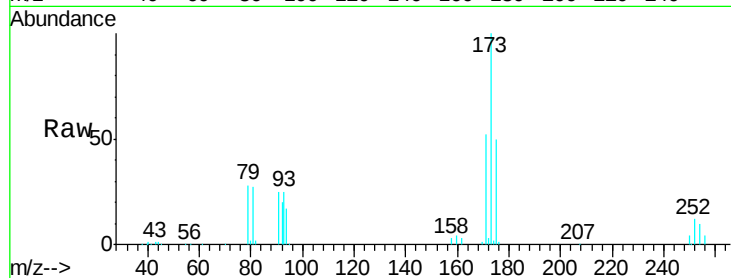
Tgt Ion:173 Resp: 44763

Ion Ratio Lower Upper

173 100

175 50.9 24.8 74.3

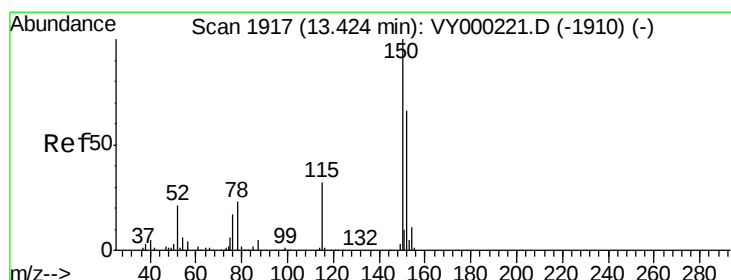
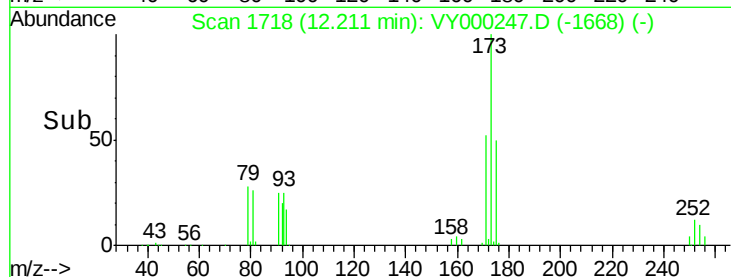
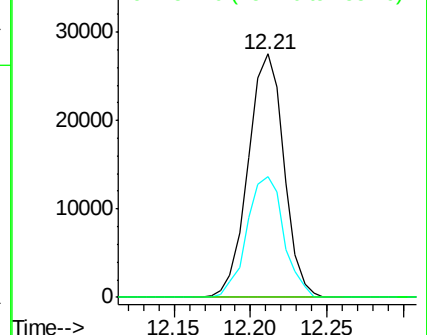
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

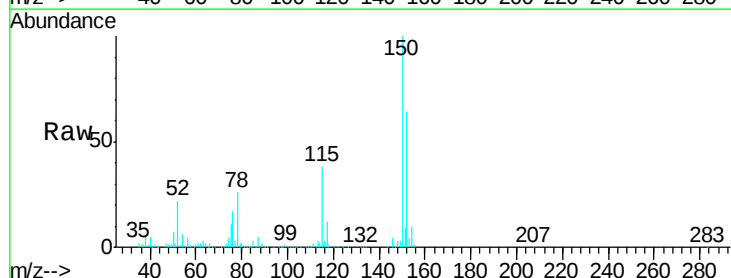
Tgt Ion:152 Resp: 172081

Ion Ratio Lower Upper

152 100

115 58.7 29.3 88.0

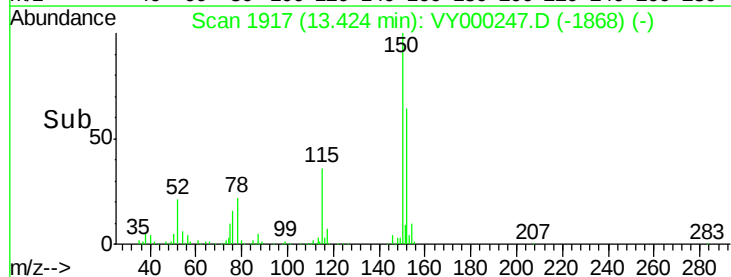
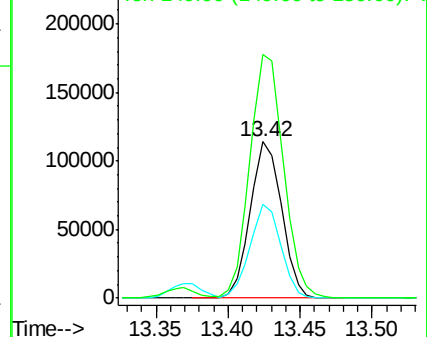
150 166.8 0.0 349.6

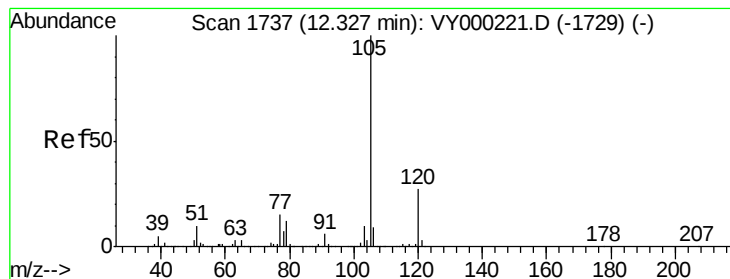


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.248 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

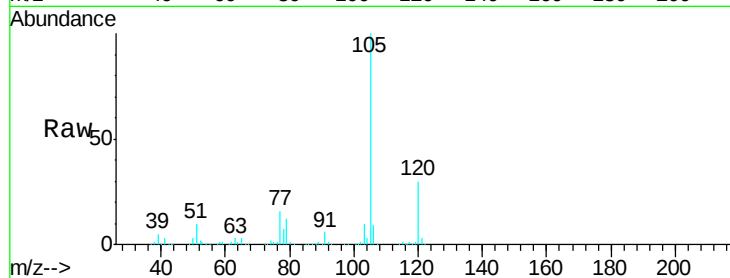
VY1009WBSD01

Tgt Ion: 105 Resp: 251502

Ion Ratio Lower Upper

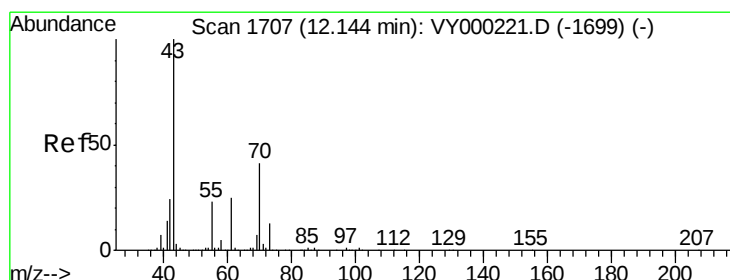
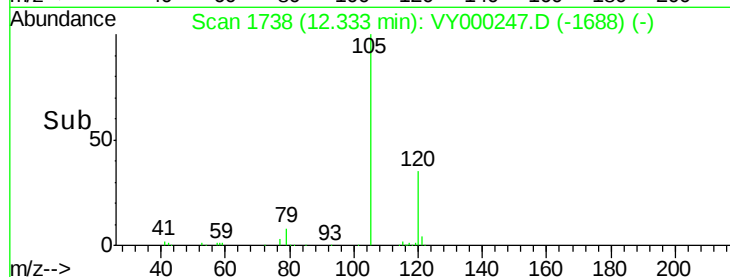
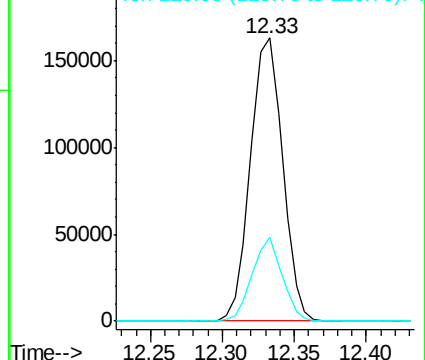
105 100

120 27.4 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.811 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Tgt Ion: 43 Resp: 128788

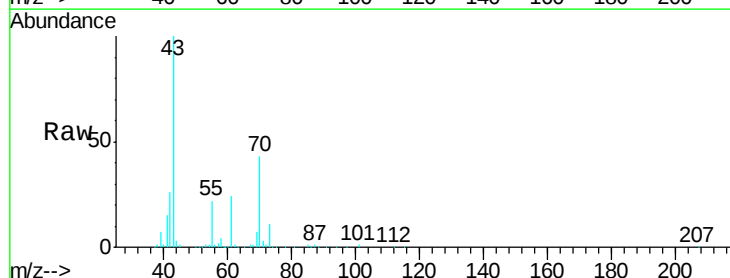
Ion Ratio Lower Upper

43 100

70 41.9 34.9 52.3

55 22.3 18.2 27.2

61 23.6 20.1 30.1

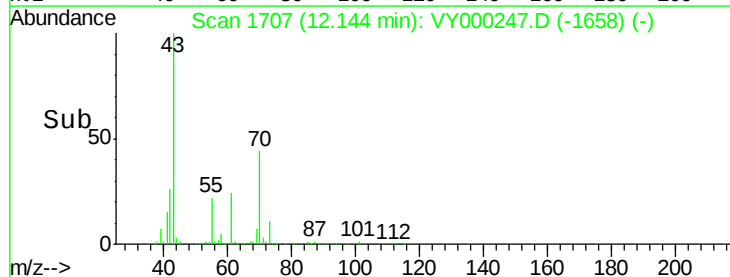
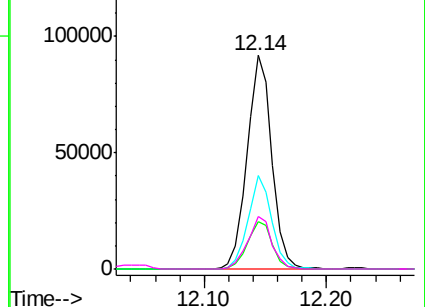


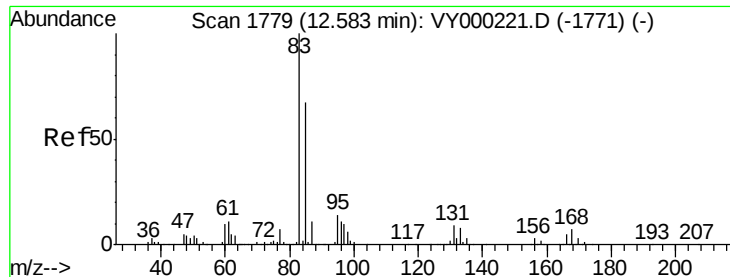
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.521 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBSD01

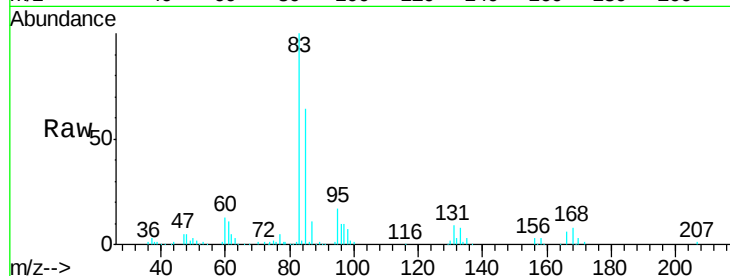
Tgt Ion: 83 Resp: 92170

Ion Ratio Lower Upper

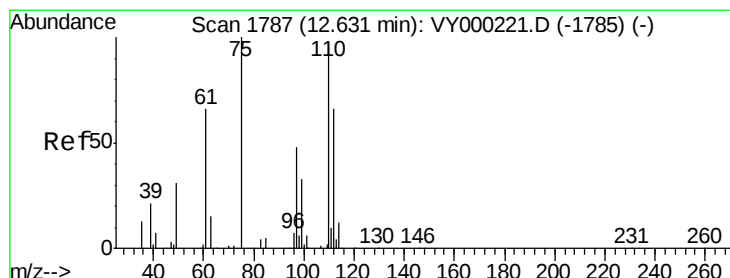
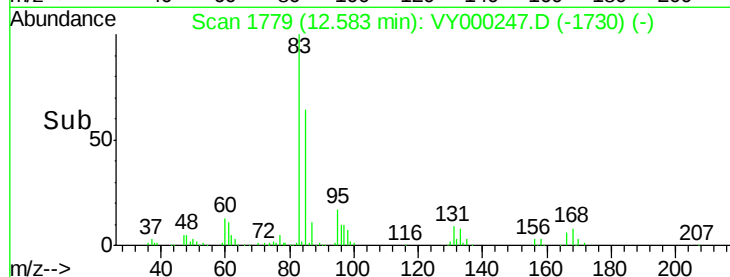
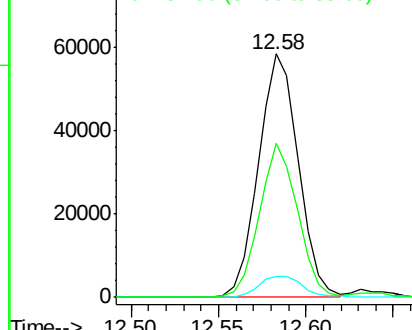
83 100

131 9.6 4.8 14.3

85 60.5 32.5 97.5



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: 31.248 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY000247.D

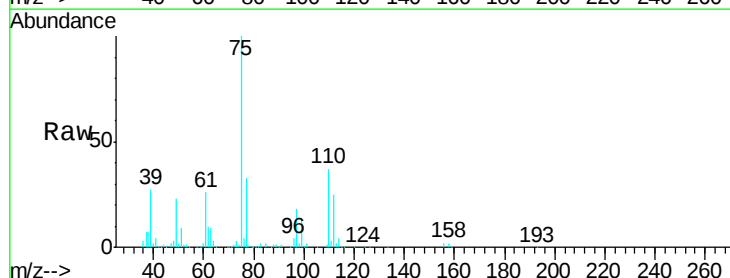
Acq: 09 Oct 2019 16:36

Tgt Ion: 75 Resp: 141966

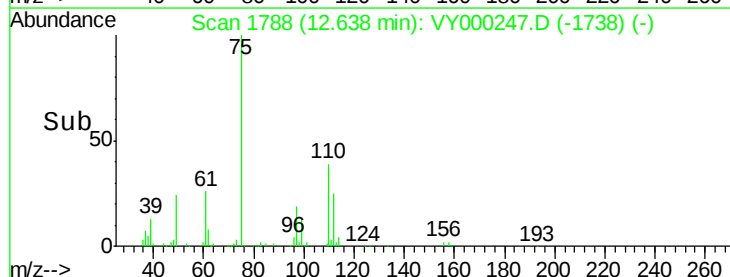
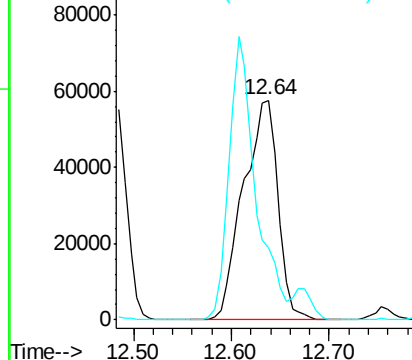
Ion Ratio Lower Upper

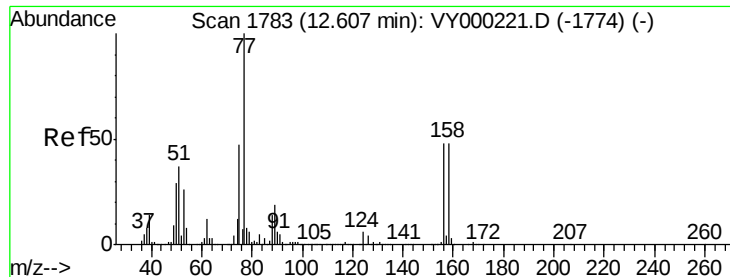
75 100

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: 18.238 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBSD01

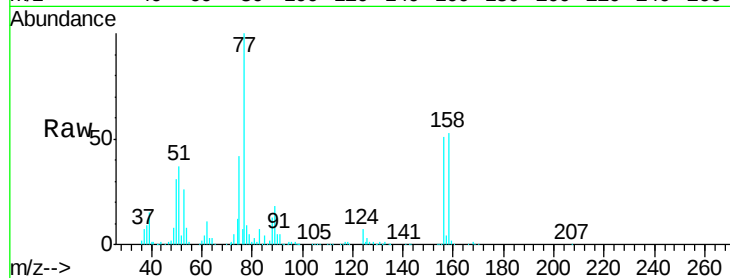
Tgt Ion:156 Resp: 62364

Ion Ratio Lower Upper

156 100

77 225.9 118.1 354.3

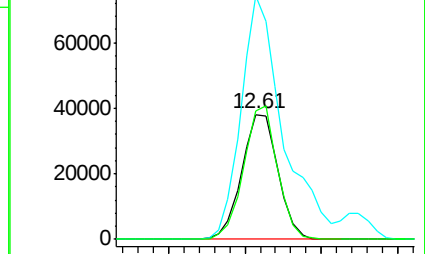
158 99.7 47.8 143.3



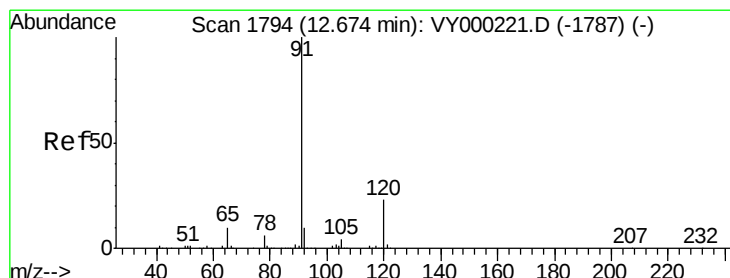
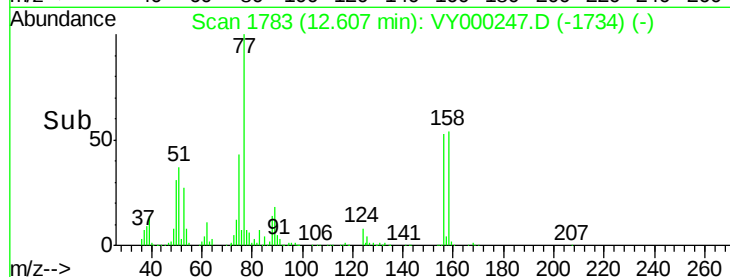
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 17.230 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000247.D

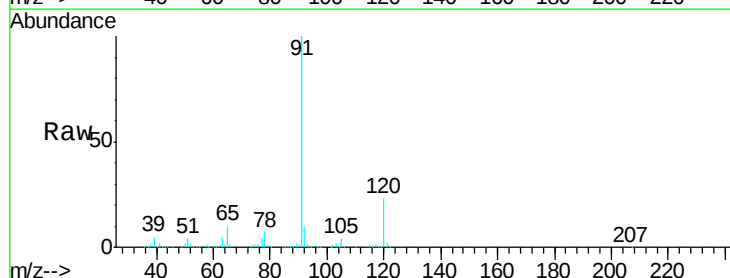
Acq: 09 Oct 2019 16:36

Tgt Ion: 91 Resp: 293470

Ion Ratio Lower Upper

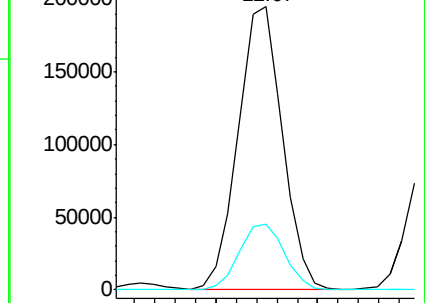
91 100

120 23.6 11.3 33.8

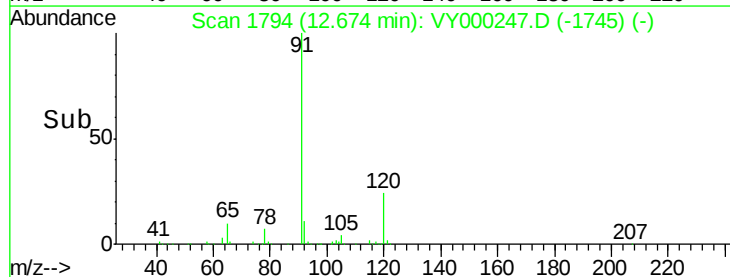


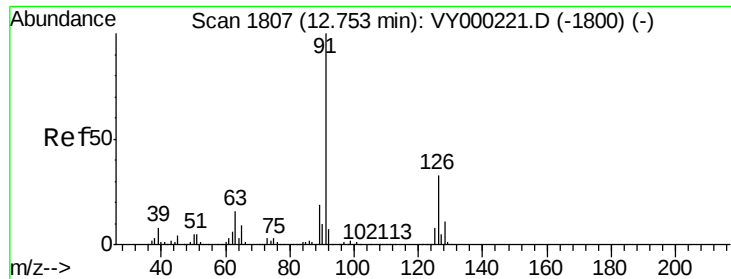
Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 17.473 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampled :

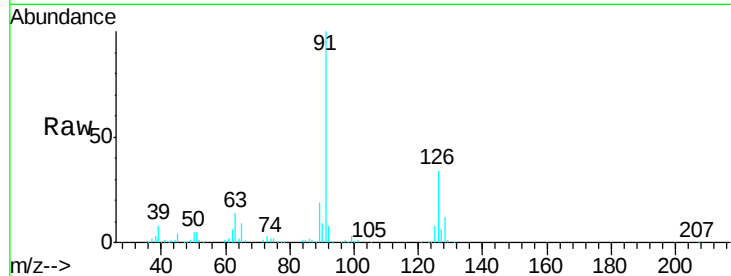
VY1009WBSD01

Tgt Ion: 91 Resp: 171349

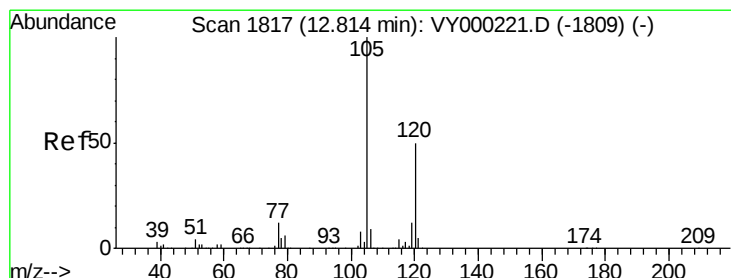
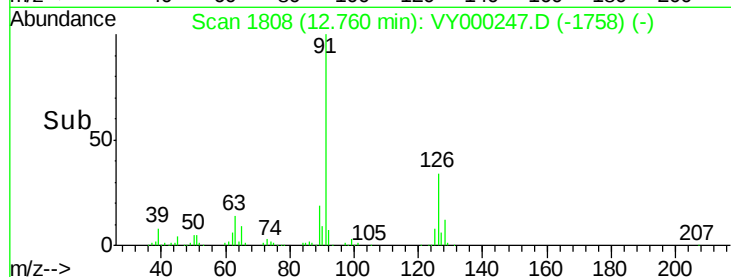
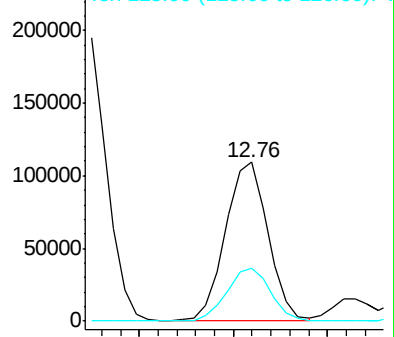
Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.453 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000247.D

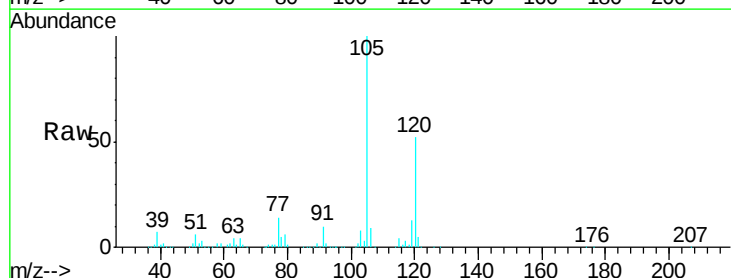
Acq: 09 Oct 2019 16:36

Tgt Ion: 105 Resp: 212356

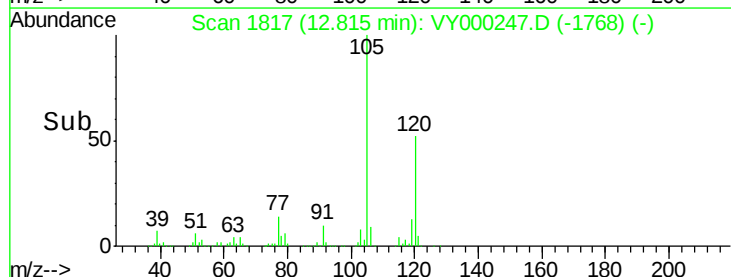
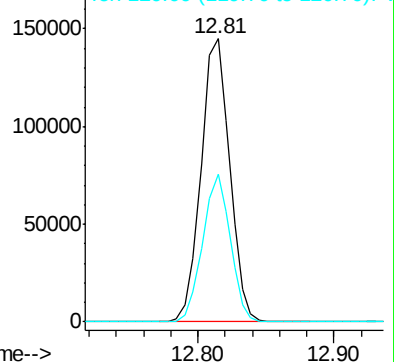
Ion Ratio Lower Upper

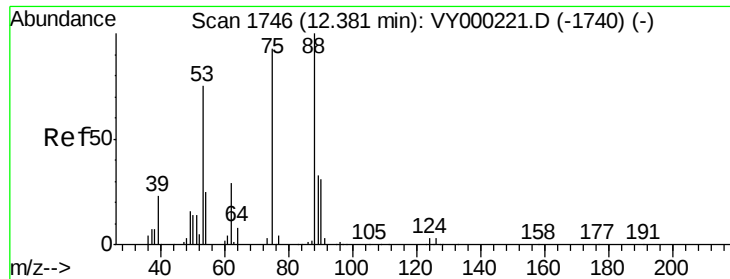
105 100

120 50.2 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VY000221.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.799 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBSD01

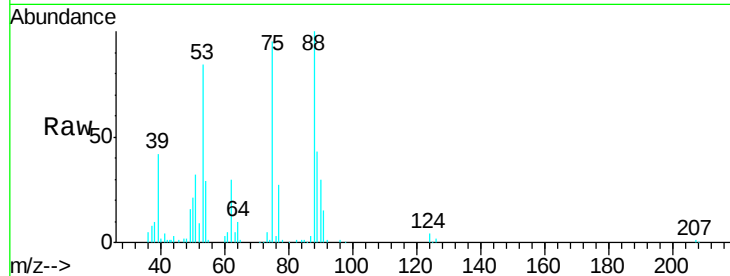
Tgt Ion: 75 Resp: 38024

Ion Ratio Lower Upper

75 100

53 89.5 66.5 99.7

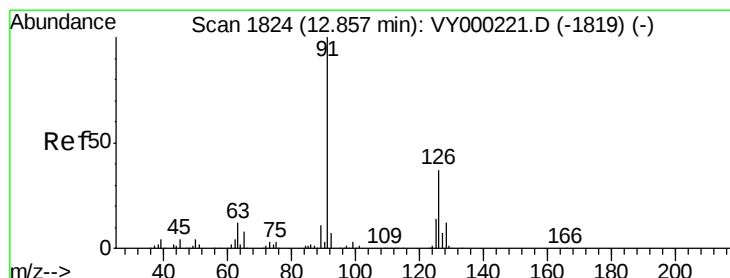
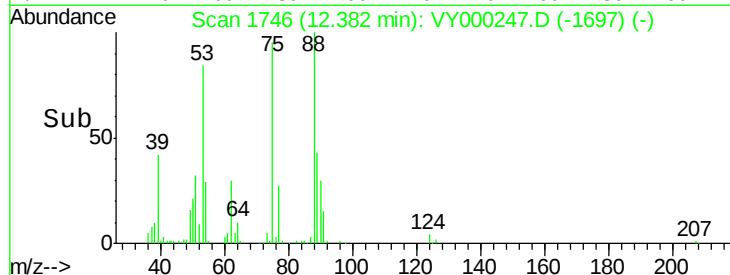
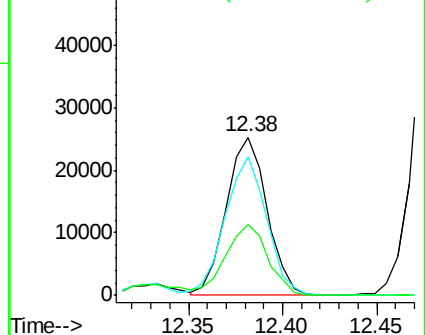
89 46.3 46.9 70.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 17.346 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000247.D

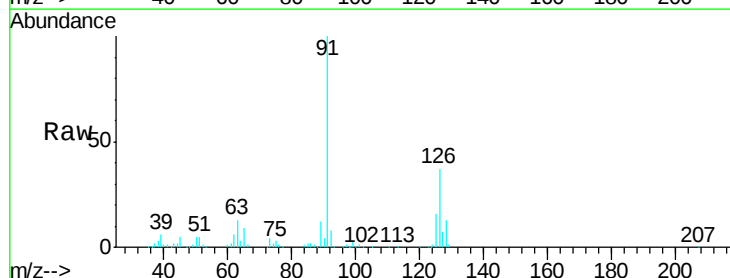
Acq: 09 Oct 2019 16:36

Tgt Ion: 91 Resp: 172287

Ion Ratio Lower Upper

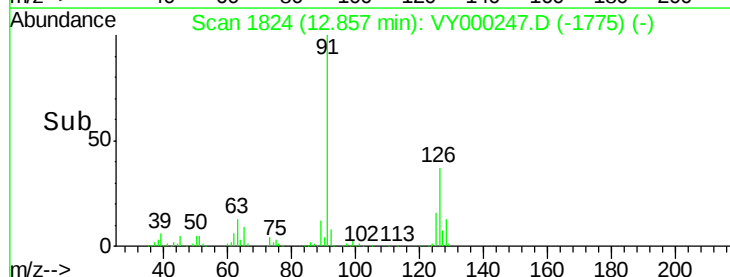
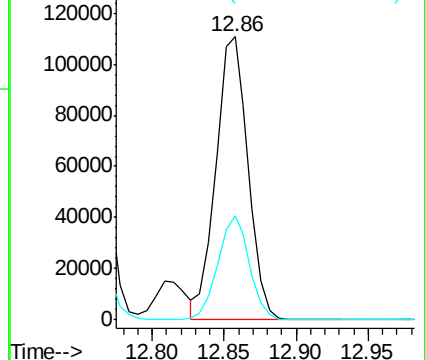
91 100

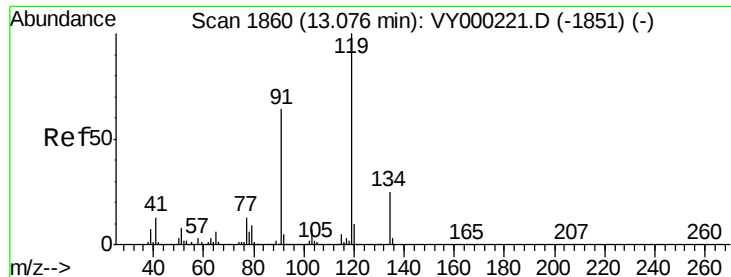
126 36.1 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

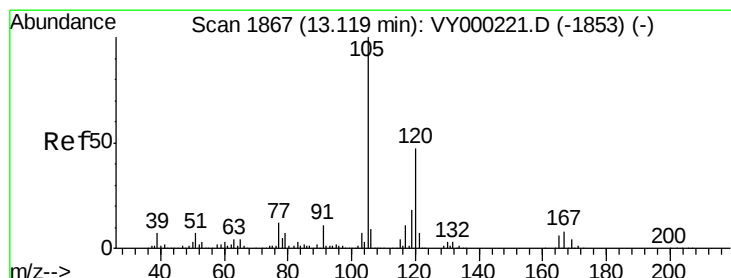
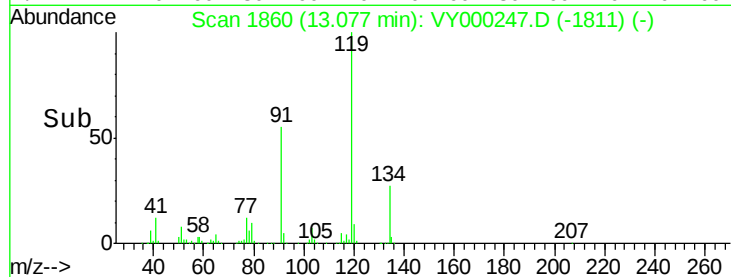
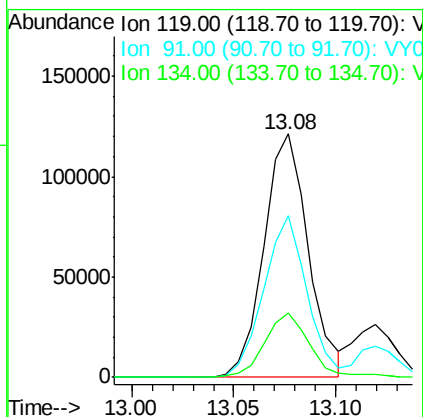
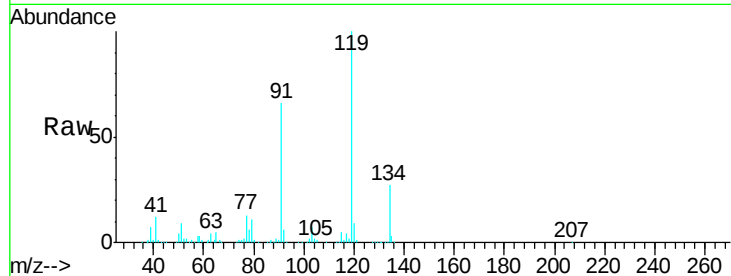




#83
 tert-Butylbenzene
 Concen: 17.403 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

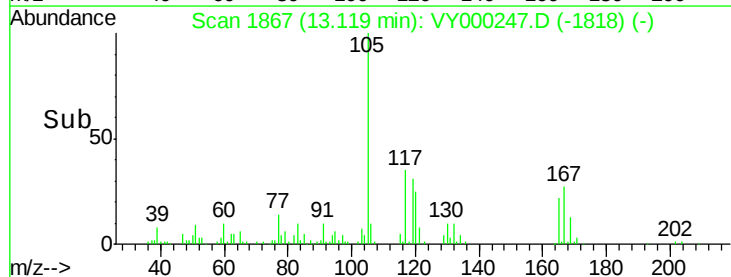
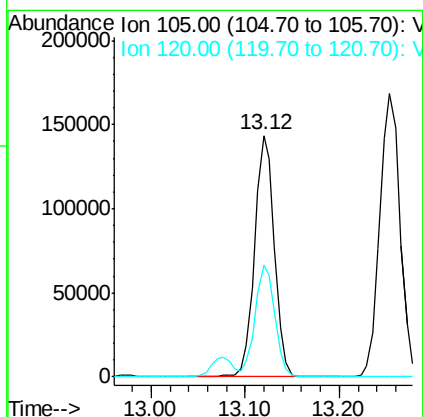
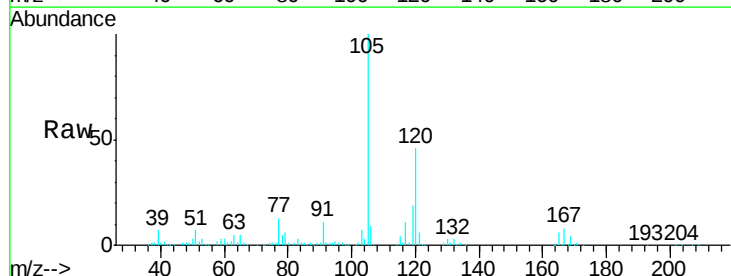
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBSD01

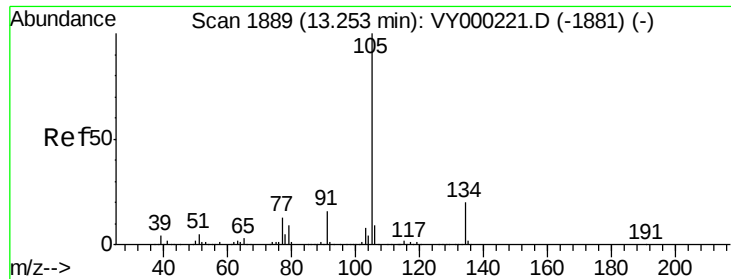
Tgt Ion:119 Resp: 184042
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.4 97.2
 134 26.8 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 17.509 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

Tgt Ion:105 Resp: 212852
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.8 68.3

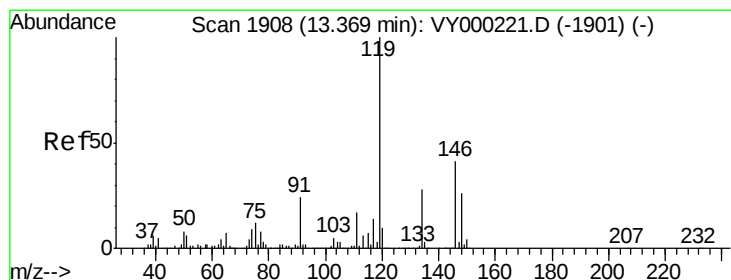
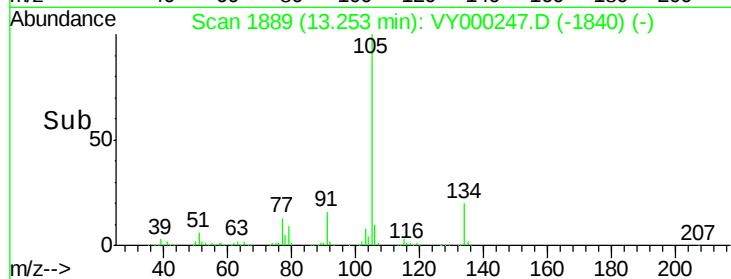
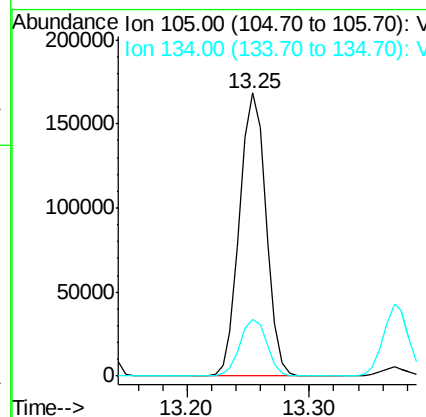
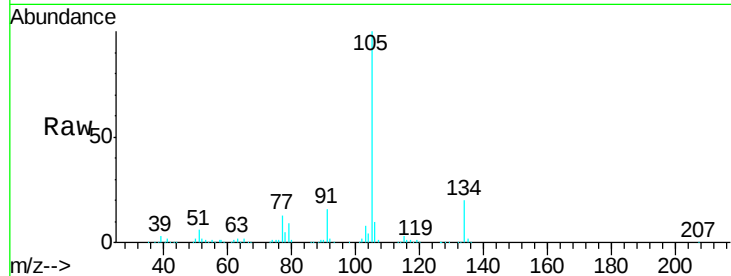




#85
 sec-Butylbenzene
 Concen: 17.272 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

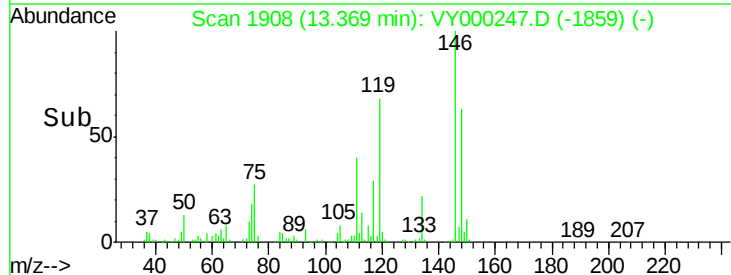
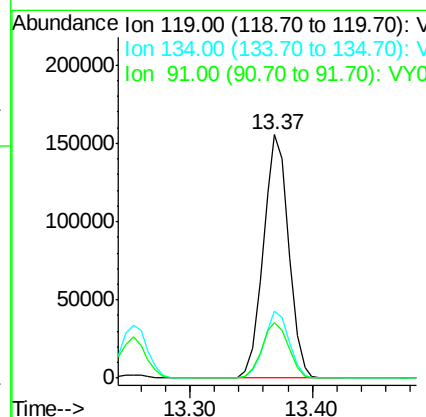
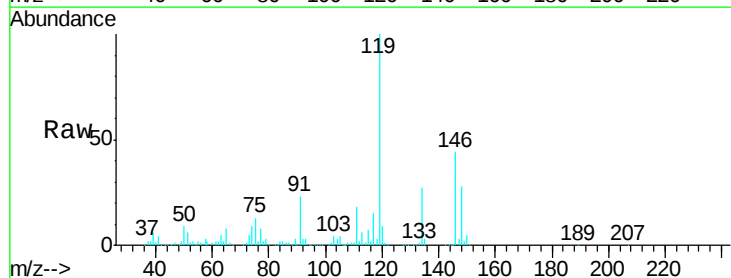
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBSD01

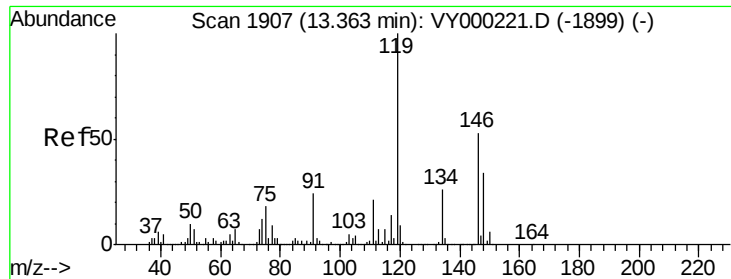
Tgt Ion:105 Resp: 251771
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 17.500 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

Tgt Ion:119 Resp: 224321
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.9
 91 23.9 11.7 35.1

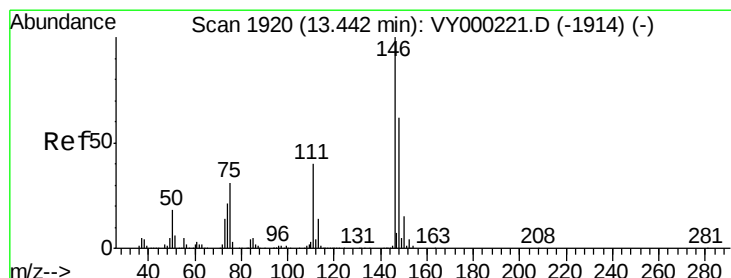
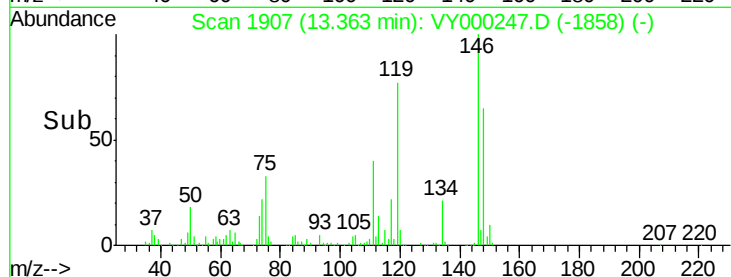
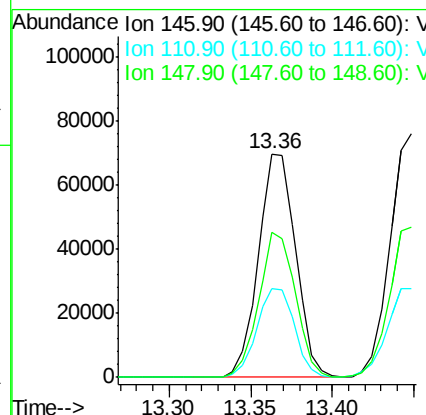
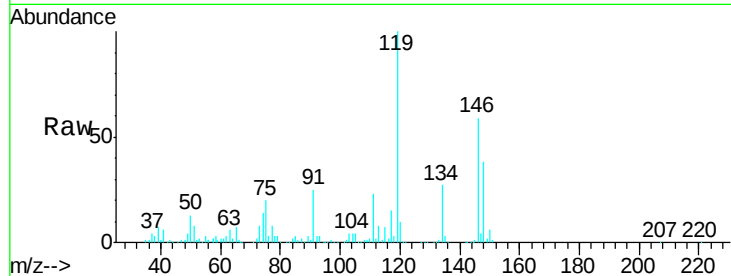




#87
 1,3-Dichlorobenzene
 Concen: 17.929 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

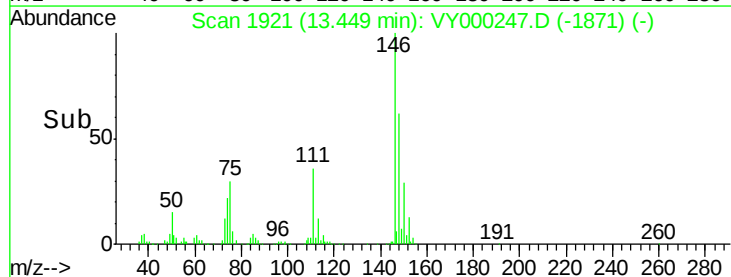
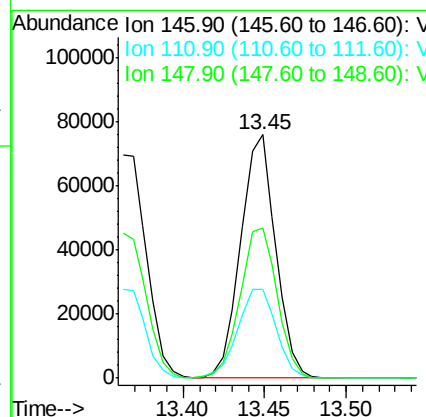
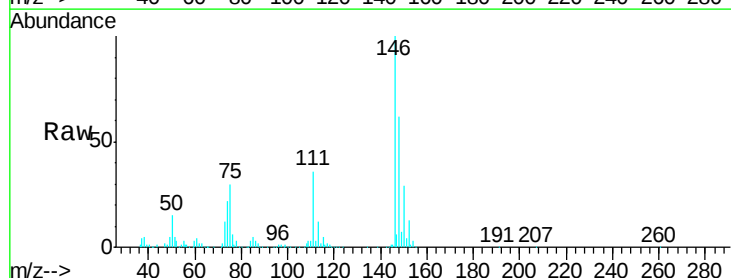
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBSD01

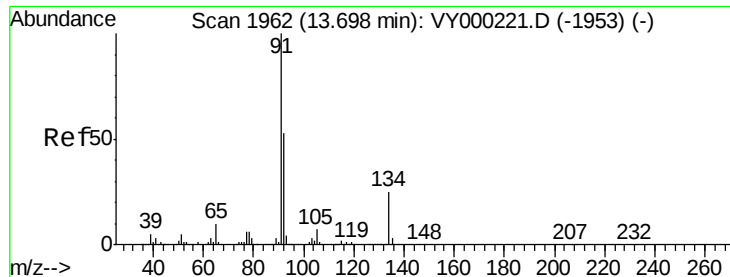
Tgt Ion:146 Resp: 111112
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.3 60.8
 148 63.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 17.602 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

Tgt Ion:146 Resp: 113625
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.8 59.3
 148 65.0 31.6 94.8

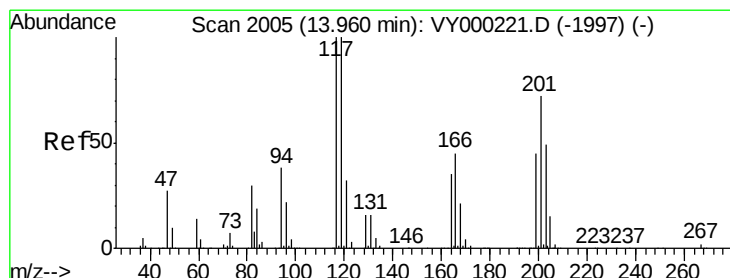
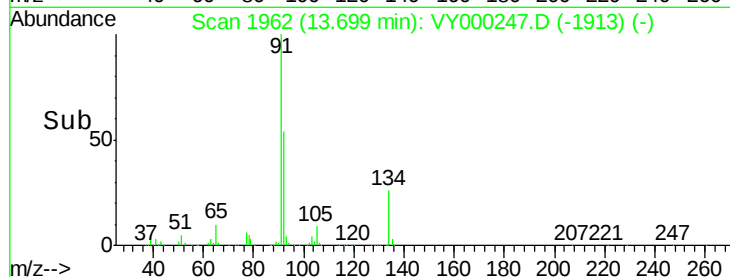
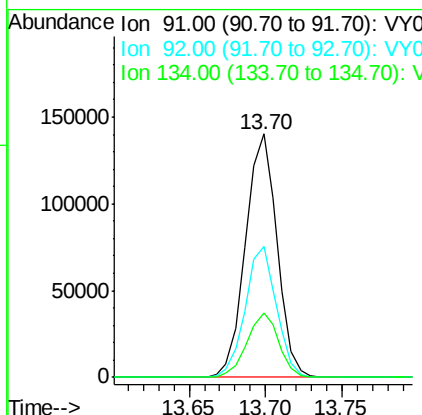
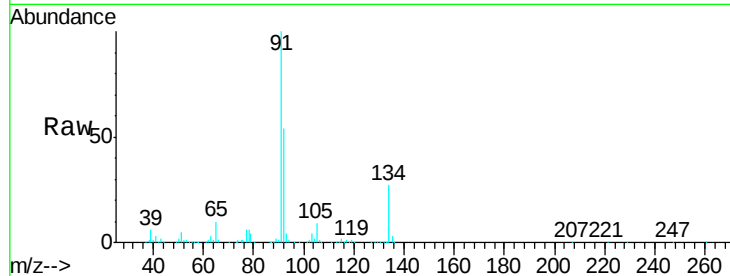




#89
n-Butylbenzene
Concen: 16.585 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

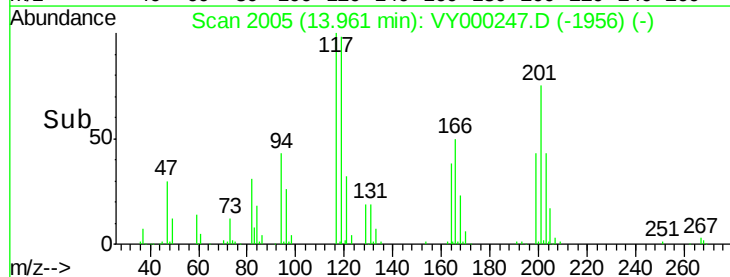
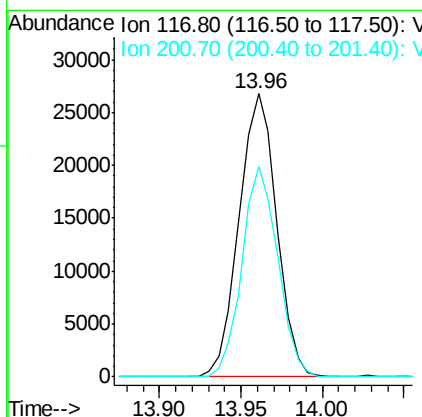
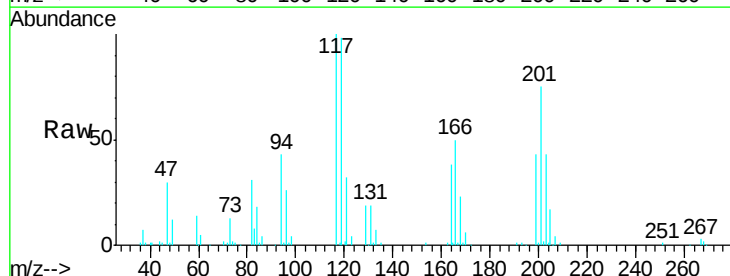
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBSD01

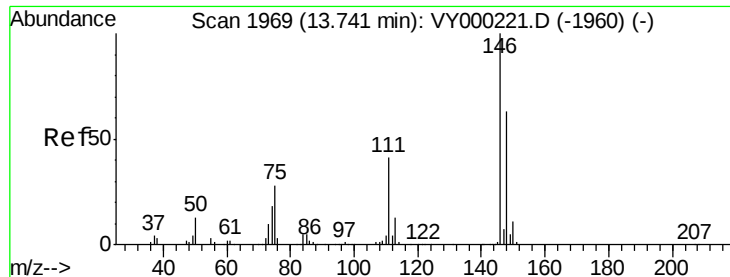
Tgt Ion: 91 Resp: 200353
Ion Ratio Lower Upper
91 100
92 53.4 27.0 80.8
134 26.7 12.8 38.4



#90
Hexachloroethane
Concen: 17.726 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000247.D
Acq: 09 Oct 2019 16:36

Tgt Ion: 117 Resp: 42980
Ion Ratio Lower Upper
117 100
201 71.0 35.5 106.5





#91

1,2-Dichlorobenzene

Concen: 18.094 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBSD01

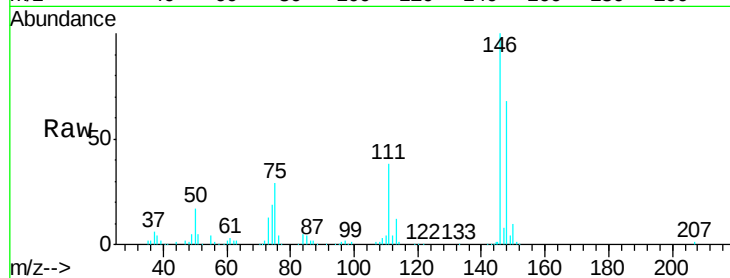
Tgt Ion:146 Resp: 113496

Ion Ratio Lower Upper

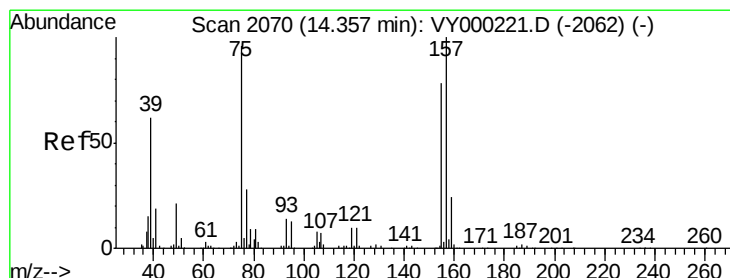
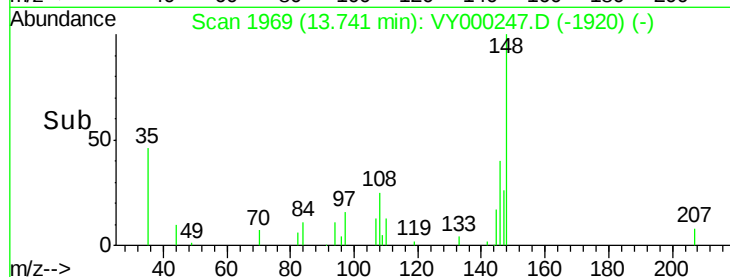
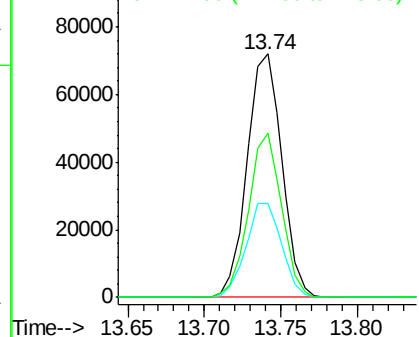
146 100

111 39.7 20.9 62.8

148 64.2 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.729 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

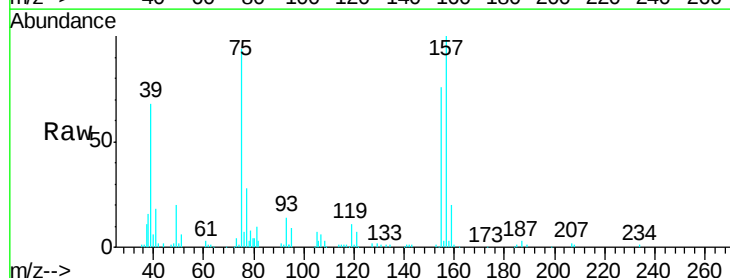
Tgt Ion: 75 Resp: 31546

Ion Ratio Lower Upper

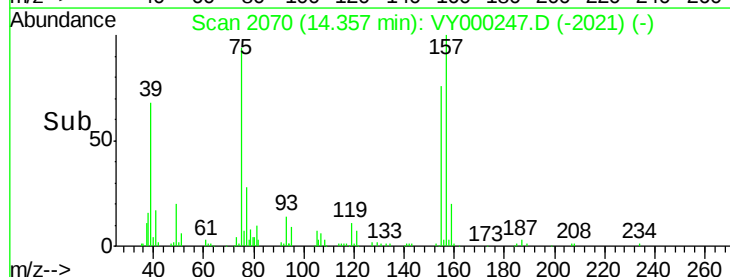
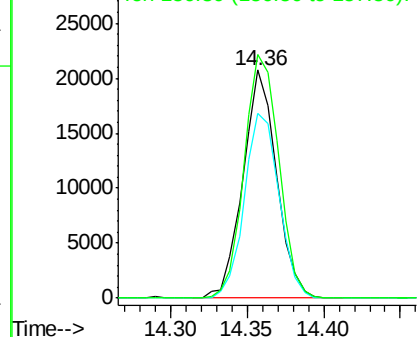
75 100

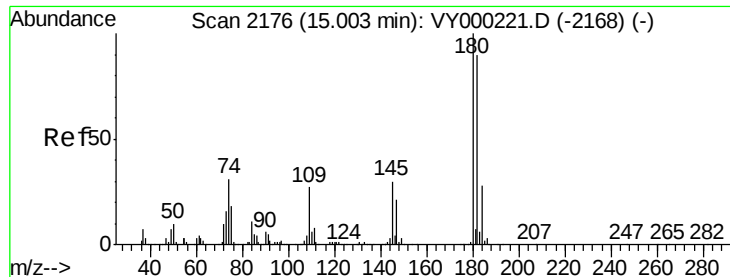
155 83.7 42.4 127.3

157 110.3 53.8 161.5



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

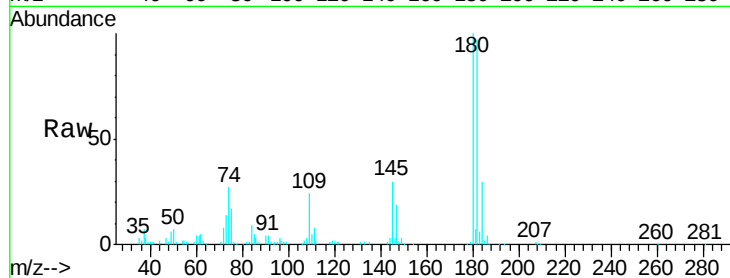




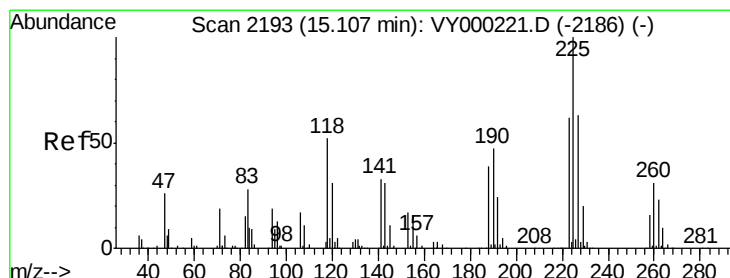
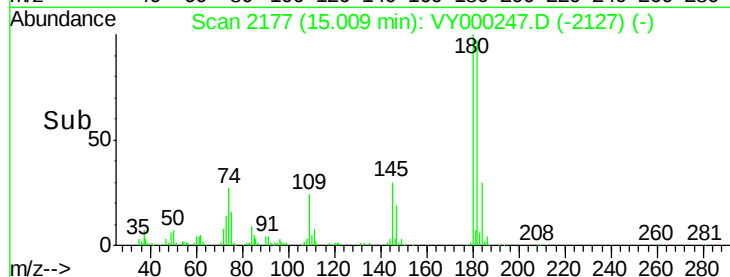
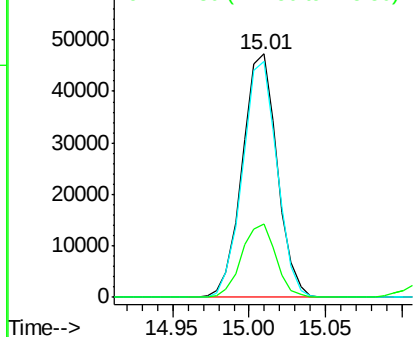
#93
 1,2,4-Trichlorobenzene
 Concen: 17.588 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBSD01

Tgt Ion:180 Resp: 74907
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.2 141.6
 145 29.6 15.3 45.8

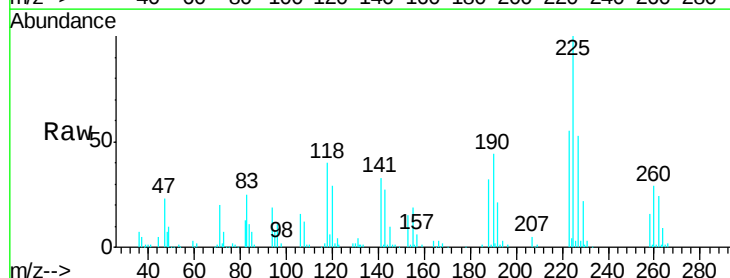


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

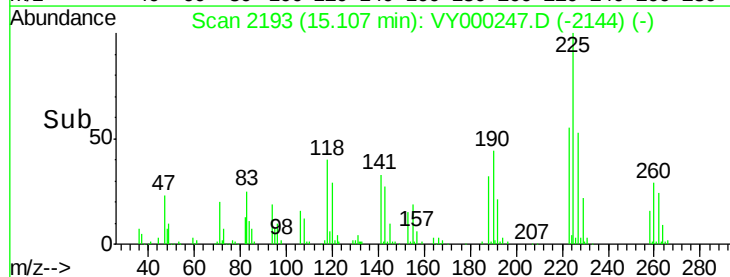
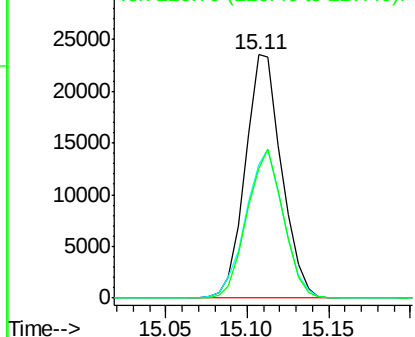


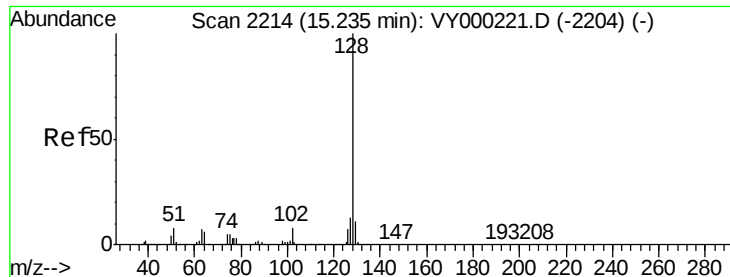
#94
 Hexachlorobutadiene
 Concen: 17.907 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000247.D
 Acq: 09 Oct 2019 16:36

Tgt Ion:225 Resp: 36445
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.9 95.5
 227 60.7 31.5 94.5



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





#95

Naphthalene

Concen: 18.165 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBSD01

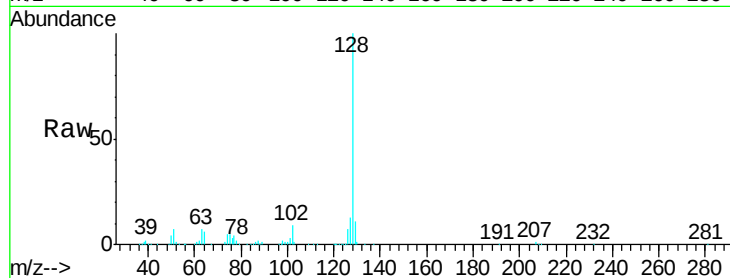
Tgt Ion:128 Resp: 291029

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

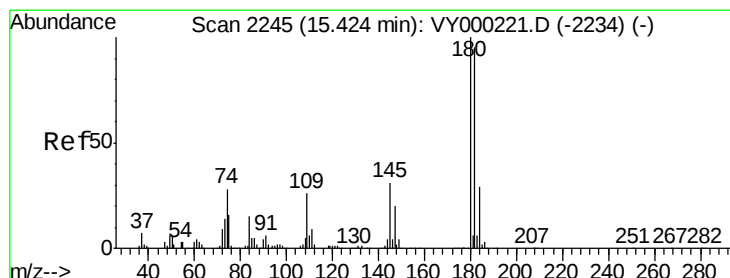
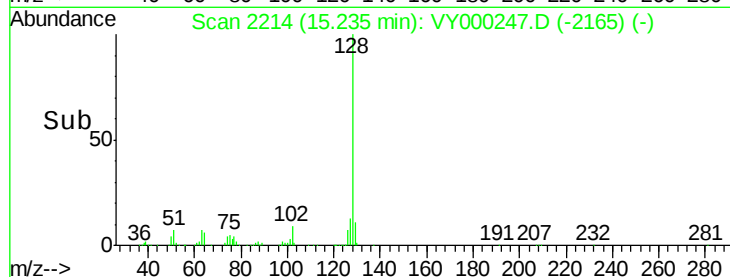
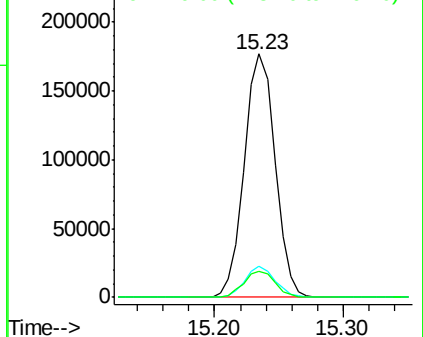
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.513 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY000247.D

Acq: 09 Oct 2019 16:36

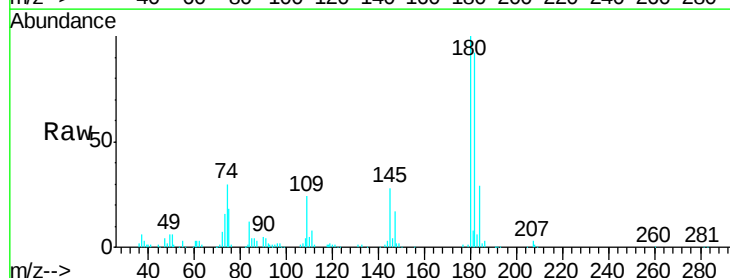
Tgt Ion:180 Resp: 75843

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 31.3 16.3 48.9



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

