

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002252.D
 Acq On : 08 Apr 2020 16:12
 Operator : SY/MD
 Sample : VY0408SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Quant Time: Apr 09 01:54:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	159731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	290978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	261229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	122699	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	90683	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	7.73	113	88425	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.19	98	373411	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.49	95	125931	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	32356	20.043	ug/l	97
3) Chloromethane	2.12	50	41935	20.640	ug/l	97
4) Vinyl Chloride	2.26	62	44688	20.664	ug/l	95
5) Bromomethane	2.65	94	28082	21.028	ug/l	95
6) Chloroethane	2.80	64	25897	20.764	ug/l	95
7) Trichlorofluoromethane	3.13	101	57271	20.507	ug/l	98
8) Diethyl Ether	3.54	74	23599	19.877	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	39481	20.811	ug/l	99
10) Methyl Iodide	4.10	142	40508	18.370	ug/l	100
11) Tert butyl alcohol	4.97	59	23765	106.350	ug/l	98
12) 1,1-Dichloroethene	3.88	96	39958	20.717	ug/l	97
13) Acrolein	3.74	56	23093	100.828	ug/l	100
14) Allyl chloride	4.49	41	64836	20.817	ug/l	99
15) Acrylonitrile	5.18	53	62321	102.645	ug/l	99
16) Acetone	3.96	43	49303	105.381	ug/l	98
17) Carbon Disulfide	4.21	76	131087	20.465	ug/l	98
18) Methyl Acetate	4.49	43	32914	22.681	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	104746	20.658	ug/l	97
20) Methylene Chloride	4.73	84	46280	20.126	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	45149	20.855	ug/l	99
22) Diisopropyl ether	6.13	45	131915	21.046	ug/l	96
23) Vinyl Acetate	6.08	43	417214	104.454	ug/l	100
24) 1,1-Dichloroethane	6.03	63	73631	20.653	ug/l	98
25) 2-Butanone	7.00	43	76772	103.690	ug/l	97
26) 2,2-Dichloropropane	7.00	77	61311	20.559	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	48443	20.528	ug/l	99
28) Bromochloromethane	7.35	49	33166	21.551	ug/l	93
29) Tetrahydrofuran	7.36	42	51187	104.587	ug/l	99
30) Chloroform	7.52	83	71017	21.132	ug/l	95
31) Cyclohexane	7.80	56	78374	20.943	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	58365	20.866	ug/l	99
36) 1,1-Dichloropropene	7.93	75	60212	21.008	ug/l	99
37) Ethyl Acetate	7.08	43	32851	20.064	ug/l	99
38) Carbon Tetrachloride	7.91	117	50231	20.489	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	80256	20.585	ug/l	98
40) Benzene	8.17	78	175993	20.239	ug/l	99
41) Methacrylonitrile	7.36	41	44982	46.571	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	43650	20.264	ug/l	99
43) Isopropyl Acetate	8.28	43	61002	20.428	ug/l	99
44) Trichloroethene	8.95	130	51886	20.295	ug/l	96
45) 1,2-Dichloropropane	9.22	63	43328	20.082	ug/l	100
46) Dibromomethane	9.31	93	22761	20.176	ug/l	99
47) Bromodichloromethane	9.50	83	52628	20.332	ug/l	96
48) Methyl methacrylate	9.30	41	28172	21.040	ug/l	98
49) 1,4-Dioxane	9.30	88	6972	436.908	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	161860	104.021	ug/l	99
52) Toluene	10.25	92	107305	20.476	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	58482	20.737	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	67631	19.947	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	33586	20.336	ug/l	96
56) Ethyl methacrylate	10.52	69	48691	20.656	ug/l	98
57) 1,3-Dichloropropane	10.80	76	58841	20.269	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	130475	106.887	ug/l	99
59) 2-Hexanone	10.84	43	111158	102.931	ug/l	100
60) Dibromochloromethane	10.99	129	36431	20.687	ug/l	97
61) 1,2-Dibromoethane	11.09	107	32282	20.531	ug/l	100
64) Tetrachloroethene	10.72	164	54741	20.727	ug/l	99
65) Chlorobenzene	11.52	112	112330	20.686	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	36242	20.215	ug/l	97
67) Ethyl Benzene	11.60	91	206401	20.763	ug/l	99
68) m/p-Xylenes	11.70	106	155382	41.732	ug/l	100
69) o-Xylene	12.03	106	73164	20.930	ug/l	99
70) Styrene	12.05	104	125125	20.632	ug/l	99
71) Bromoform	12.21	173	20078	20.594	ug/l #	98
73) Isopropylbenzene	12.33	105	194956	20.225	ug/l	99
74) N-amyl acetate	12.14	43	55527	20.293	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	23941	20.528	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	52829	37.078	ug/l #	100
77) Bromobenzene	12.61	156	42839	20.200	ug/l	99
78) n-propylbenzene	12.67	91	242923	20.263	ug/l	100
79) 2-Chlorotoluene	12.76	91	133038	20.420	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	162969	20.443	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	14754	20.141	ug/l	96
82) 4-Chlorotoluene	12.86	91	138882	20.338	ug/l	100
83) tert-Butylbenzene	13.08	119	135431	20.281	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	162576	20.422	ug/l	100
85) sec-Butylbenzene	13.25	105	201066	20.213	ug/l	100
86) p-Isopropyltoluene	13.37	119	177092	20.685	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	83011	20.197	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	82568	19.791	ug/l	98
89) n-Butylbenzene	13.70	91	179874	20.497	ug/l	98
90) Hexachloroethane	13.97	117	32140	19.700	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	75522	20.222	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6026	21.364	ug/l	95

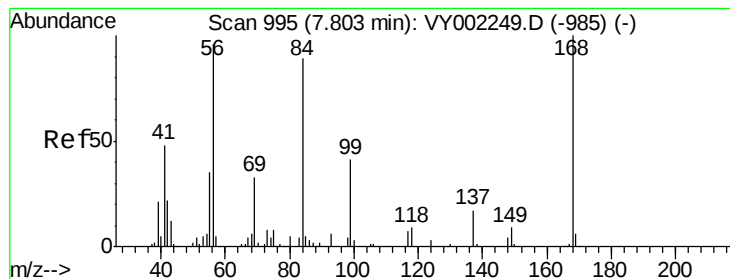
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
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Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	49648	20.338	ug/l	97
94) Hexachlorobutadiene	15.11	225	23982	19.506	ug/l	100
95) Naphthalene	15.24	128	108627	20.324	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	42585	20.091	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

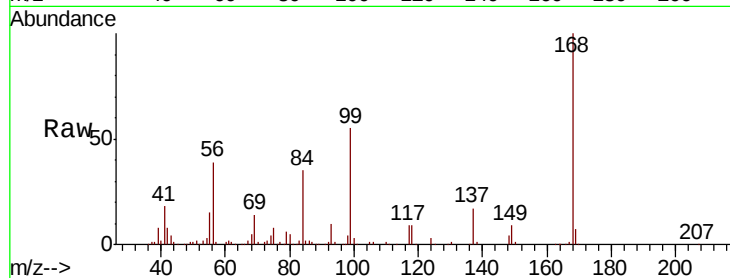
VY0408SBS01

Tot Ion:168 Resp: 159731

Ion Ratio Lower Upper

168 100

99 54.9 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.80

60000

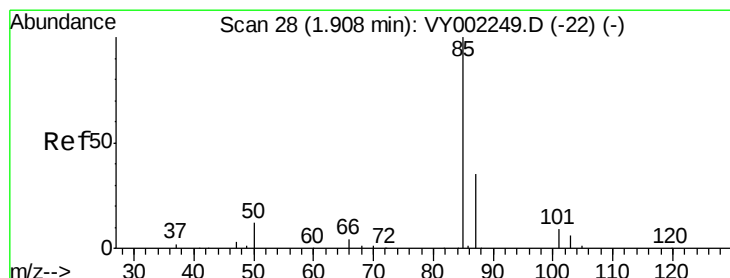
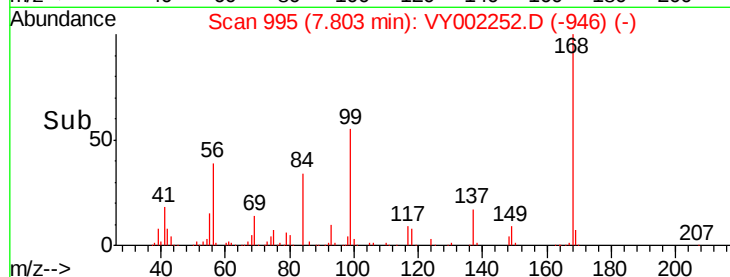
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.043 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002252.D

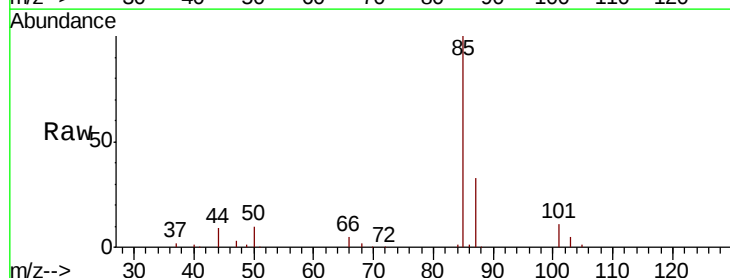
Acq: 08 Apr 2020 16:12

Tgt Ion: 85 Resp: 32356

Ion Ratio Lower Upper

85 100

87 33.1 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

1.91

25000

20000

15000

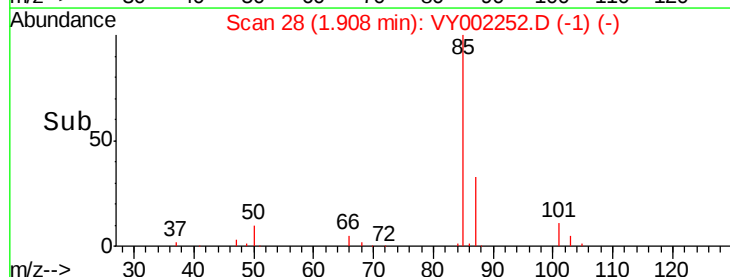
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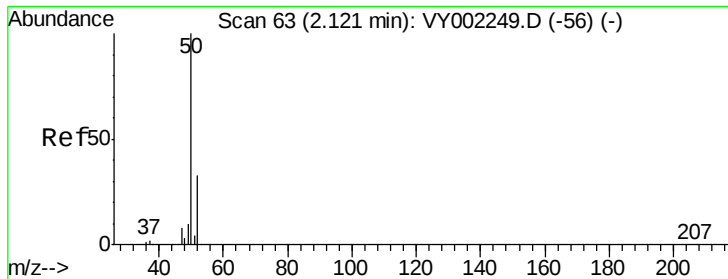
5000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.640 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

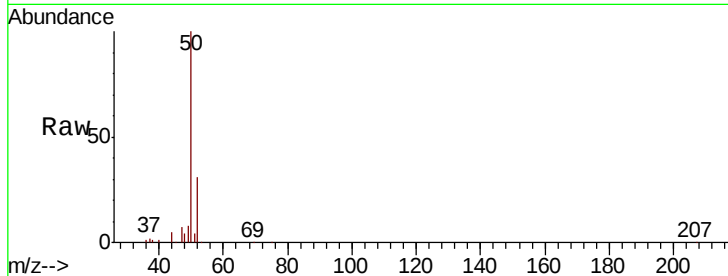
VY0408SBS01

Tot Ion: 50 Resp: 41935

Ion Ratio Lower Upper

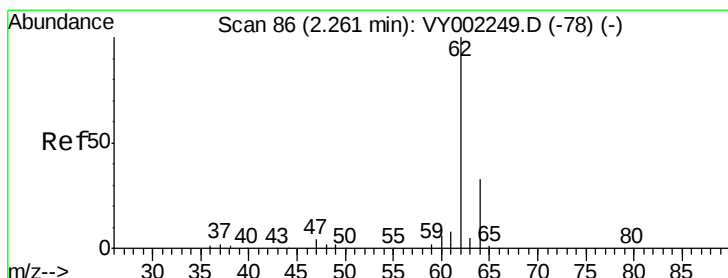
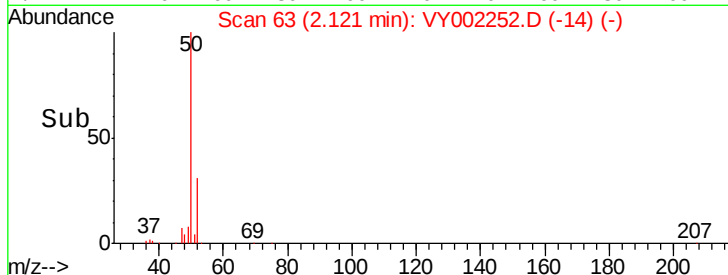
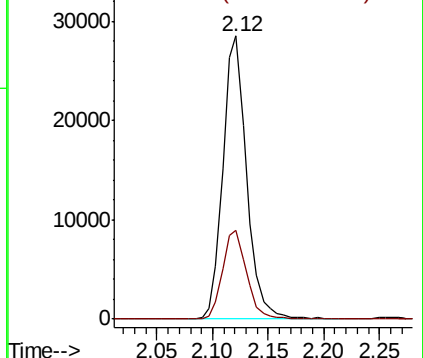
50 100

52 31.3 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.664 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002252.D

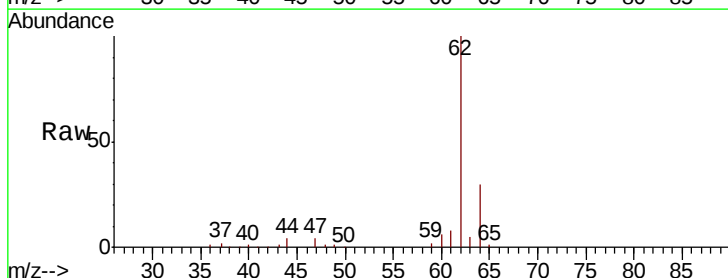
Acq: 08 Apr 2020 16:12

Tgt Ion: 62 Resp: 44688

Ion Ratio Lower Upper

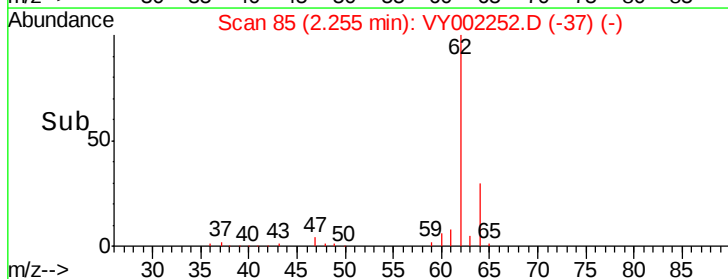
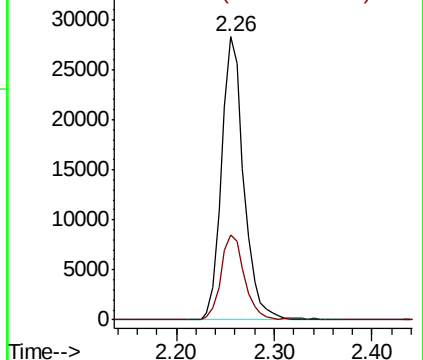
62 100

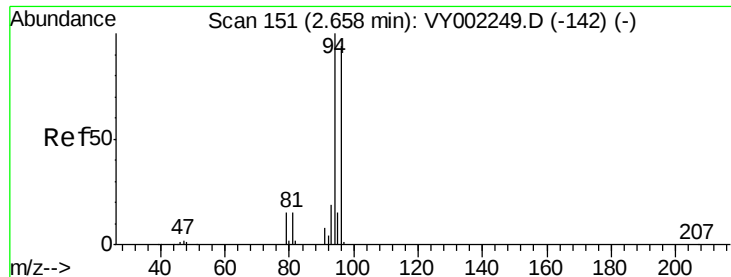
64 29.8 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.028 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

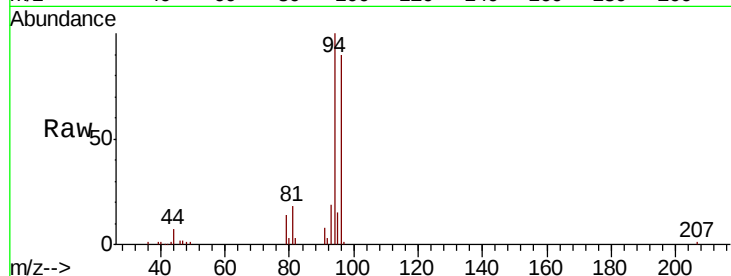
VY0408SBS01

Tot Ion: 94 Resp: 28082

Ion Ratio Lower Upper

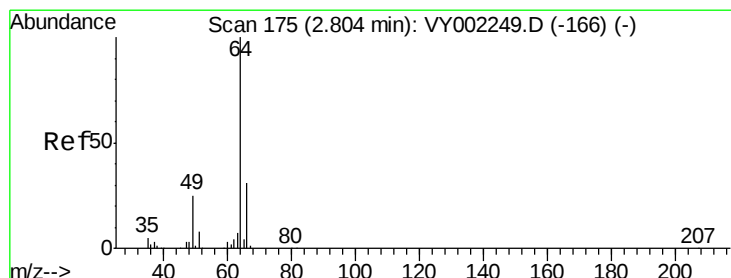
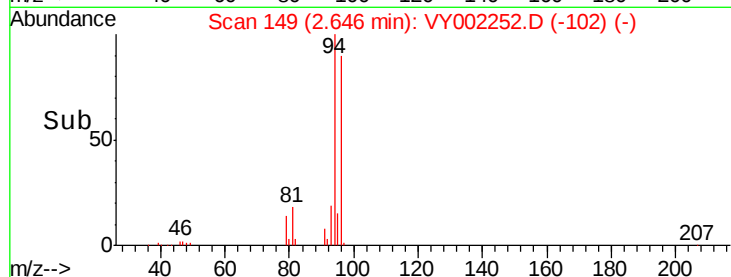
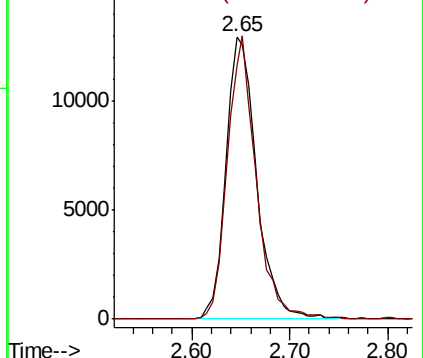
94 100

96 90.1 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.764 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002252.D

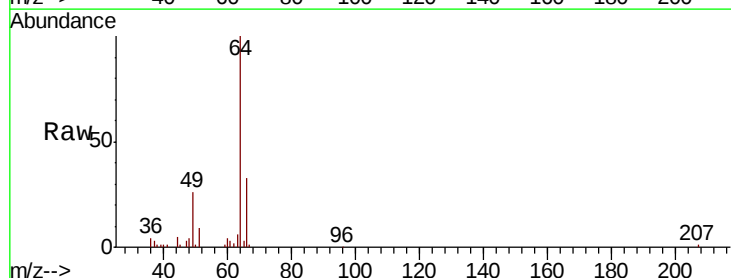
Acq: 08 Apr 2020 16:12

Tgt Ion: 64 Resp: 25897

Ion Ratio Lower Upper

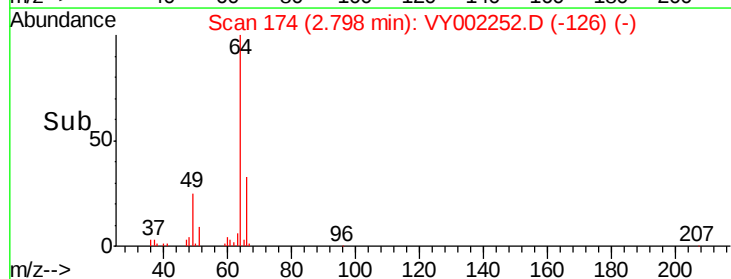
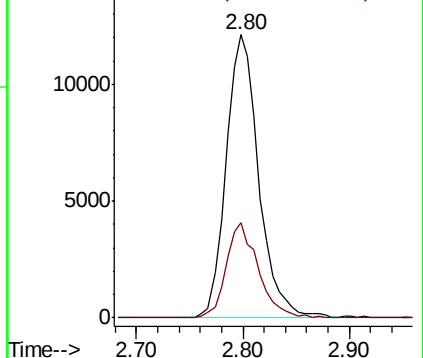
64 100

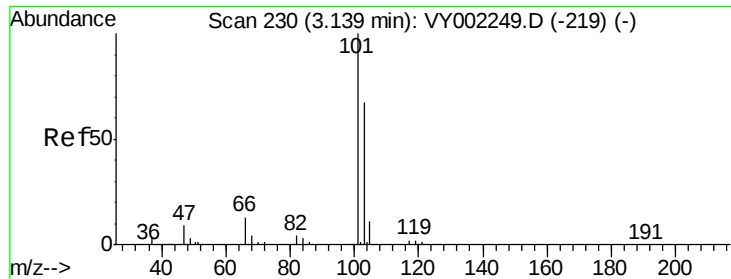
66 33.4 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



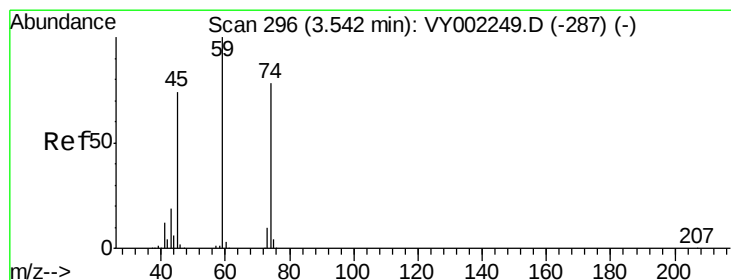
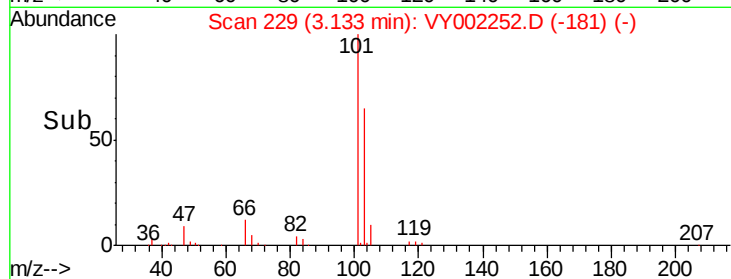
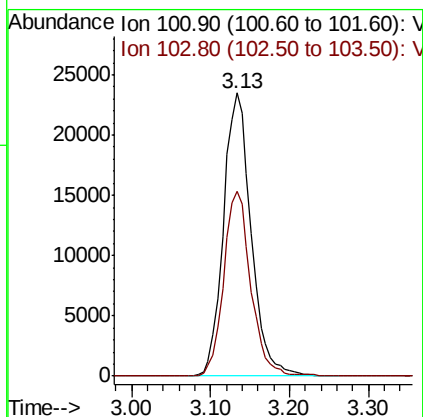
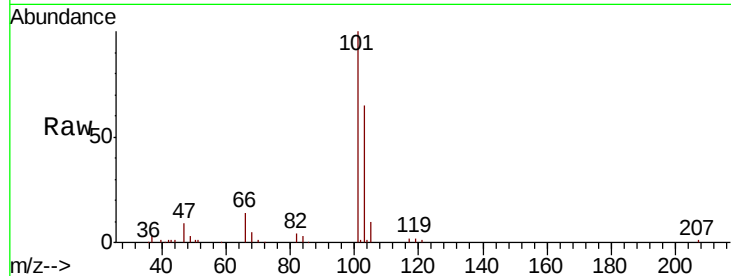


#7

Trichlorofluoromethane
 Concen: 20.507 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Instrument :
 MSVOA_Y
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 VY0408SBS01

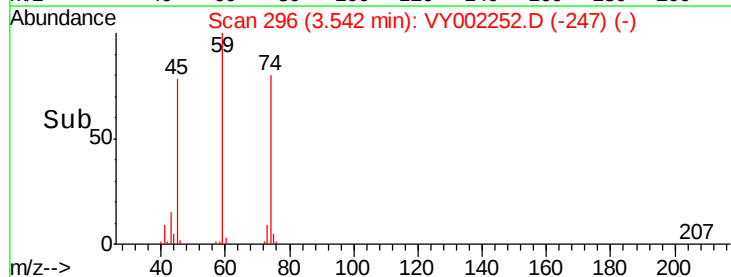
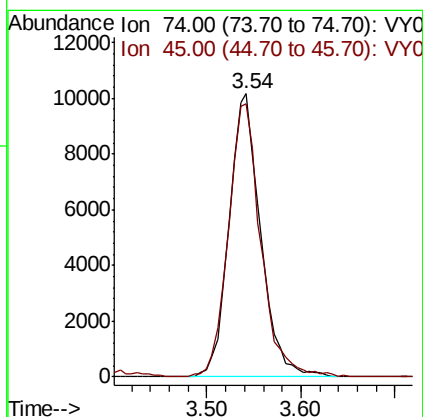
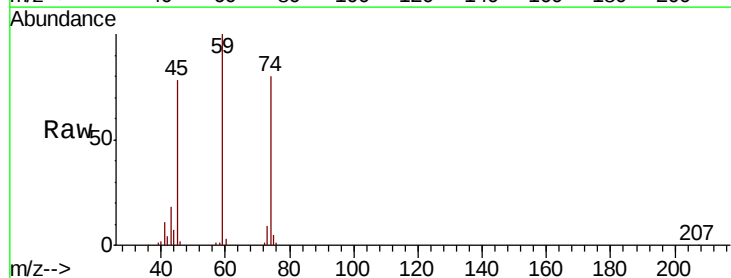
Tot Ion:101 Resp: 57271
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.3 79.9

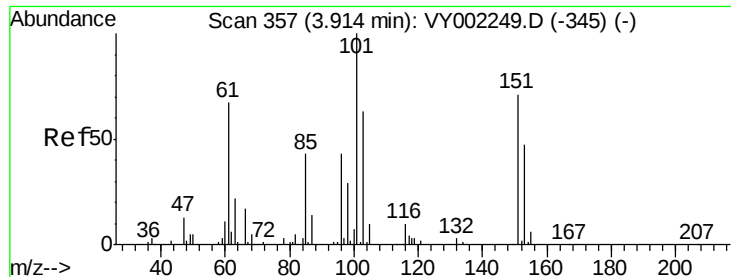


#8

Diethyl Ether
 Concen: 19.877 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion: 74 Resp: 23599
 Ion Ratio Lower Upper
 74 100
 45 99.6 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.811 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

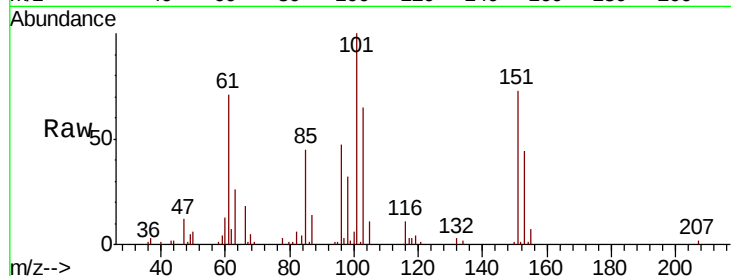
Tot Ion:101 Resp: 39481

Ion Ratio Lower Upper

101 100

85 43.4 34.6 52.0

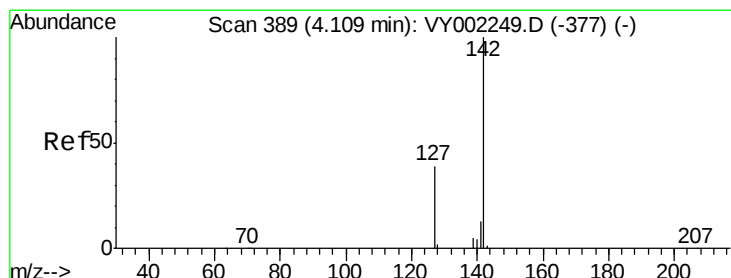
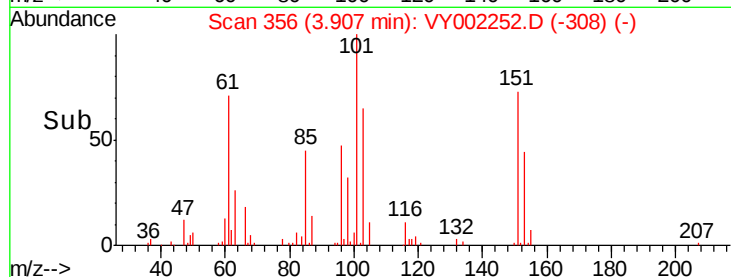
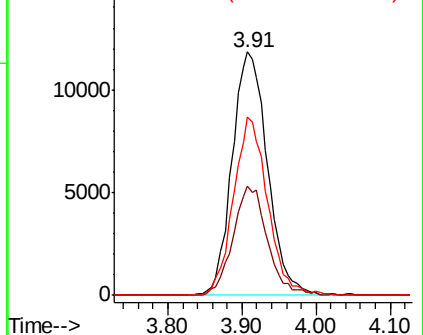
151 70.2 57.6 86.4



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: 18.370 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

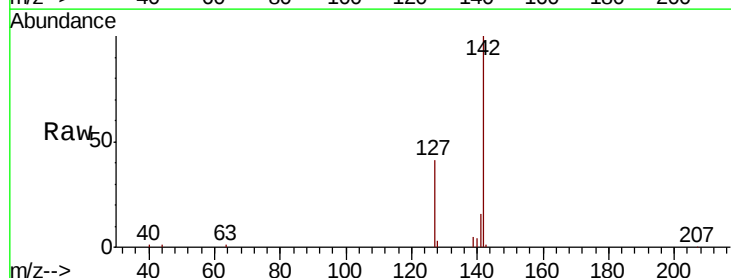
Tgt Ion:142 Resp: 40508

Ion Ratio Lower Upper

142 100

127 40.4 32.4 48.6

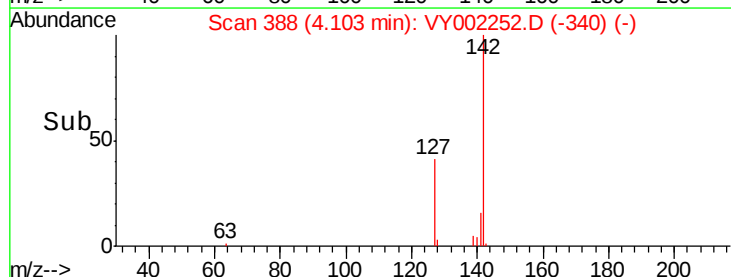
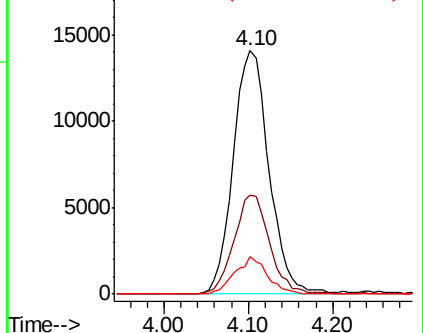
141 13.8 11.2 16.8

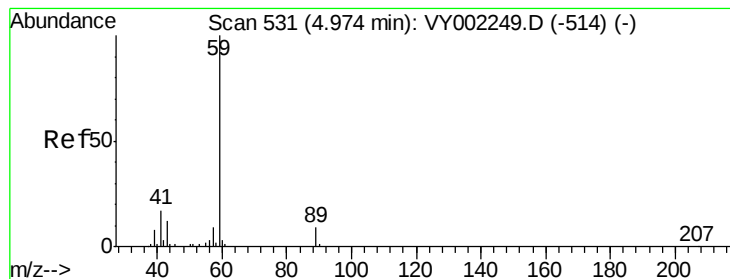


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



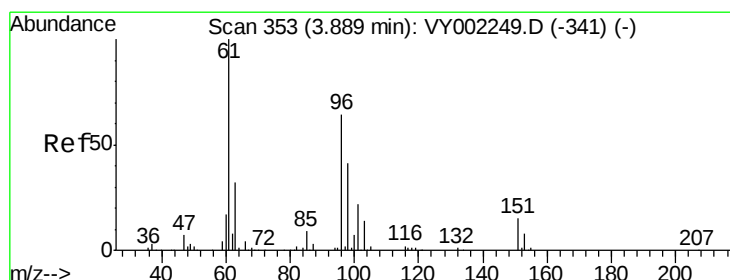
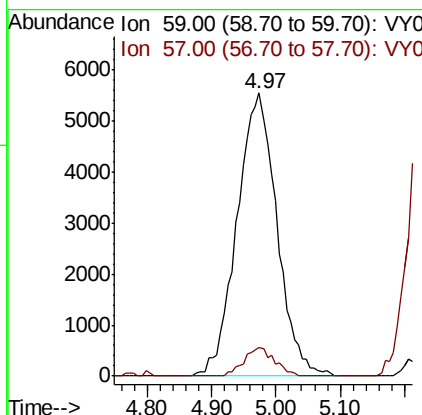
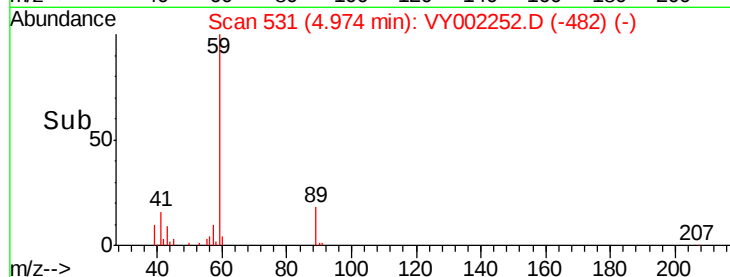
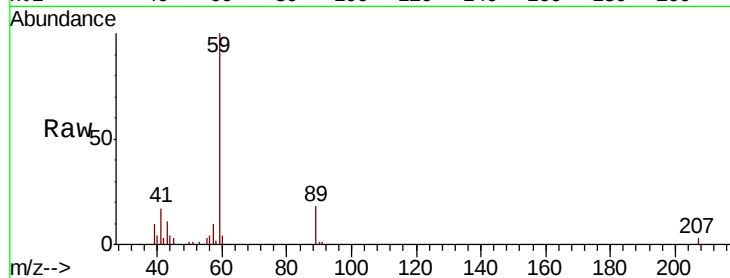


#11

Tert butyl alcohol
 Concen: 106.350 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

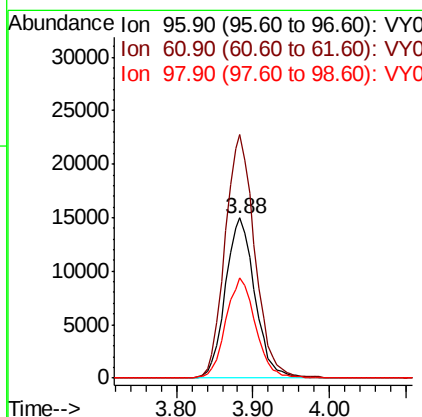
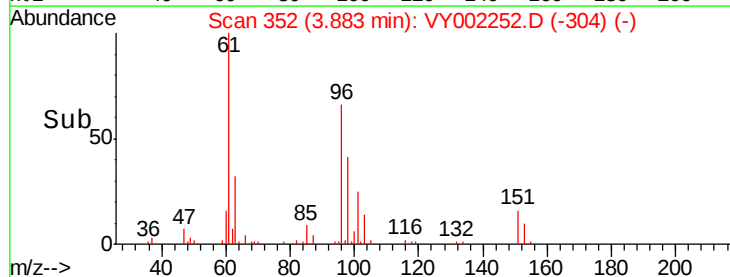
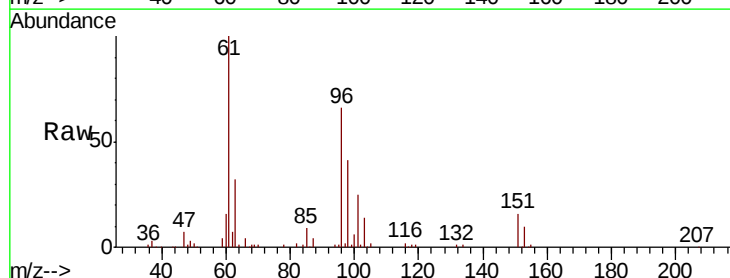
Tot Ion: 59 Resp: 23765
 Ion Ratio Lower Upper
 59 100
 57 7.6 6.6 9.8

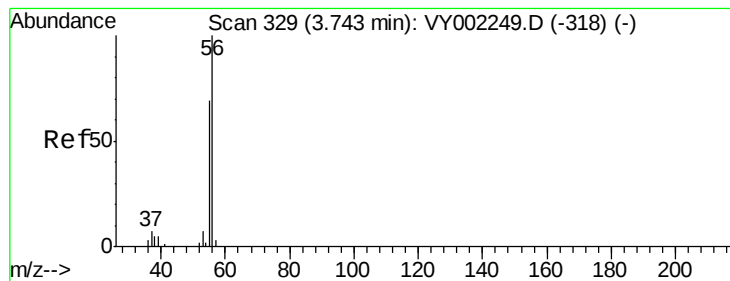


#12

1,1-Dichloroethene
 Concen: 20.717 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion: 96 Resp: 39958
 Ion Ratio Lower Upper
 96 100
 61 152.3 125.9 188.9
 98 62.8 51.1 76.7





#13

Acrolein

Concen: 100.828 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

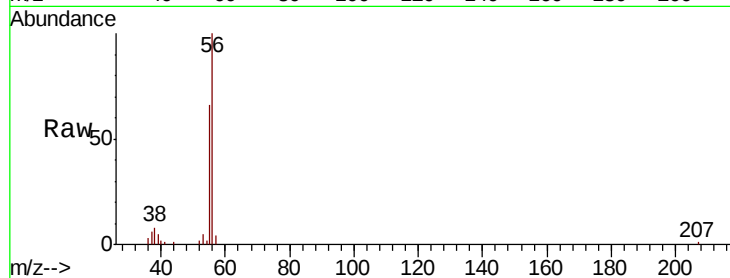
VY0408SBS01

Tot Ion: 56 Resp: 23093

Ion Ratio Lower Upper

56 100

55 69.9 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

10000

8000

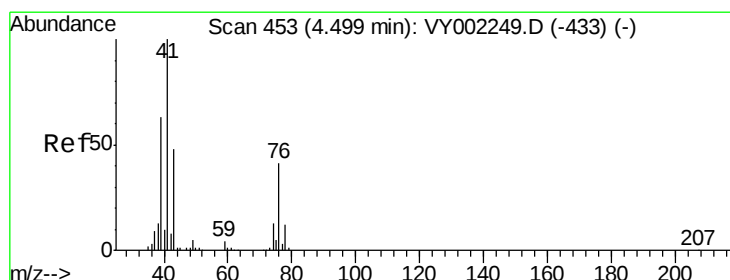
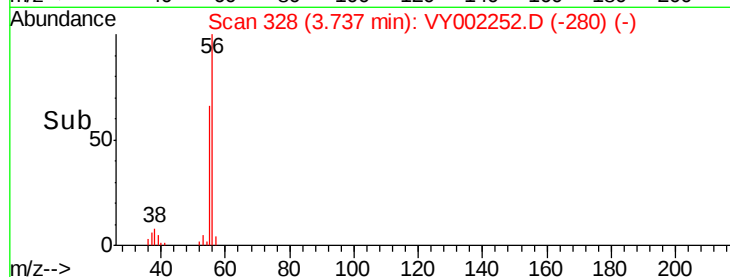
6000

4000

2000

0

Time--> 3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 20.817 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

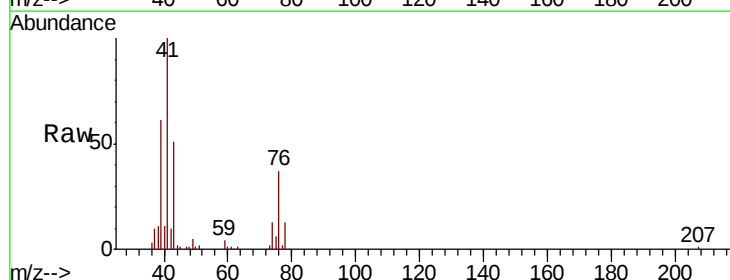
Tgt Ion: 41 Resp: 64836

Ion Ratio Lower Upper

41 100

39 59.5 48.0 72.0

76 37.2 31.0 46.6



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

25000

20000

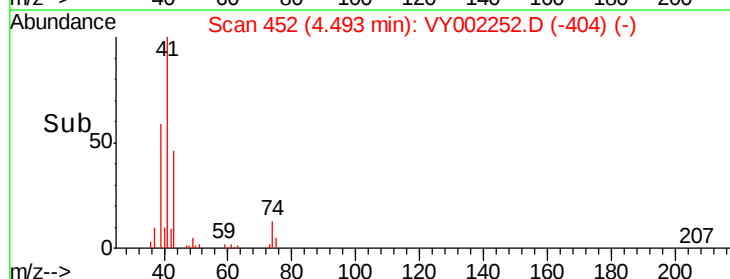
15000

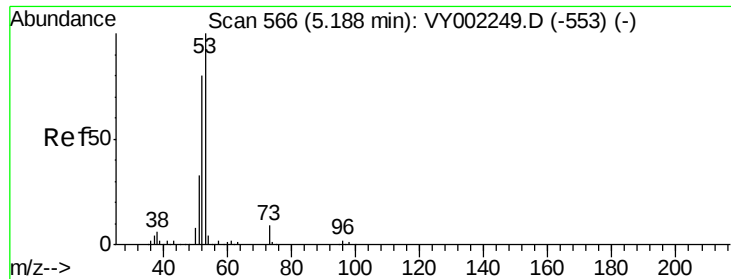
10000

5000

0

Time--> 4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 102.645 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

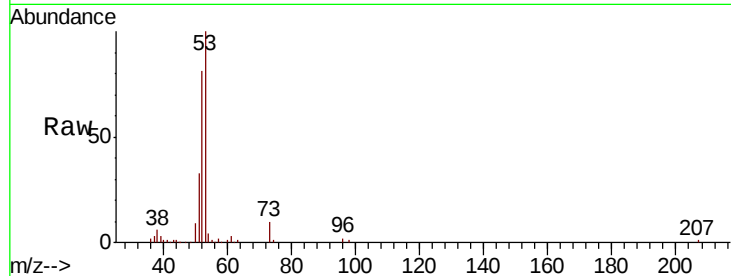
Tot Ion: 53 Resp: 62321

Ion Ratio Lower Upper

53 100

52 80.8 65.1 97.7

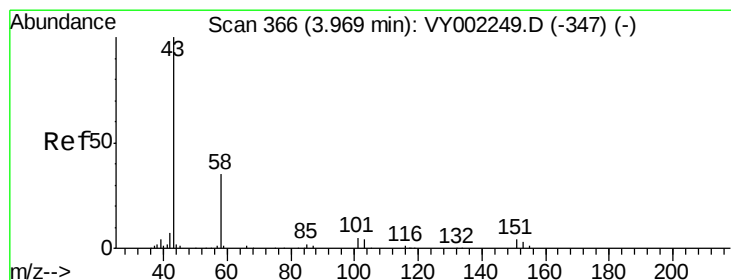
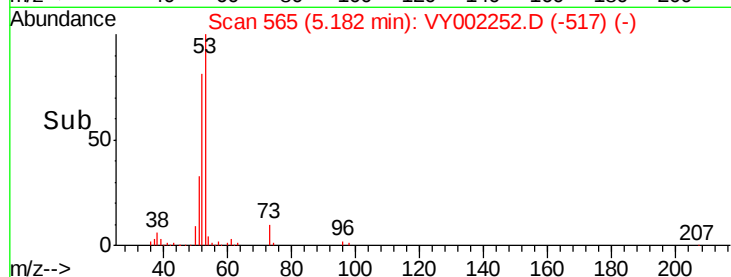
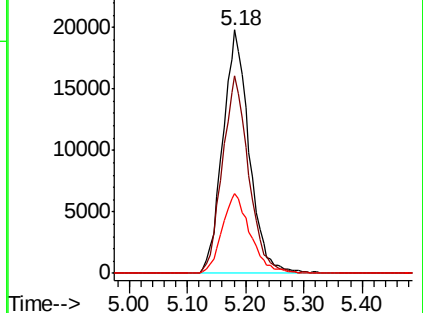
51 34.7 27.1 40.7



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: 105.381 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002252.D

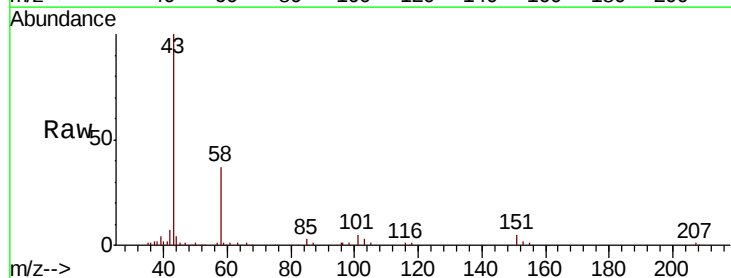
Acq: 08 Apr 2020 16:12

Tgt Ion: 43 Resp: 49303

Ion Ratio Lower Upper

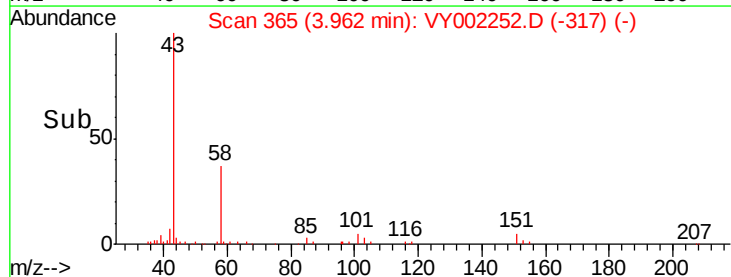
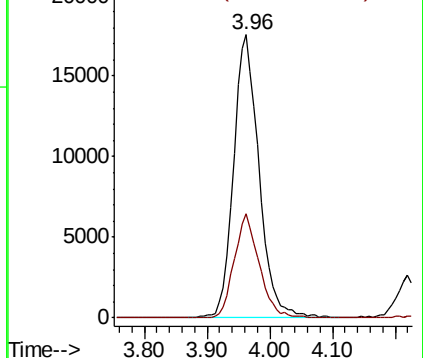
43 100

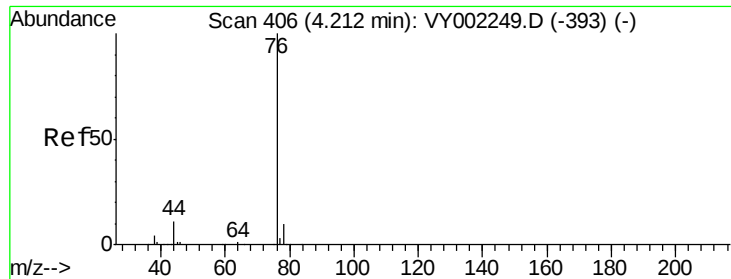
58 36.8 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

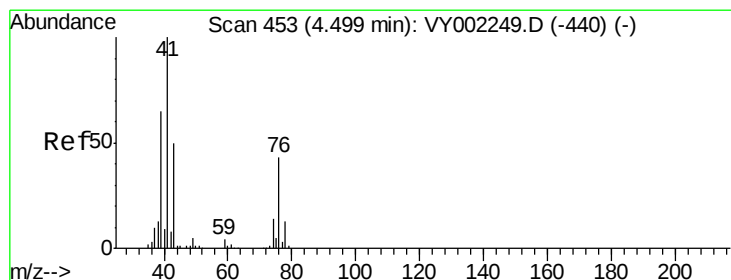
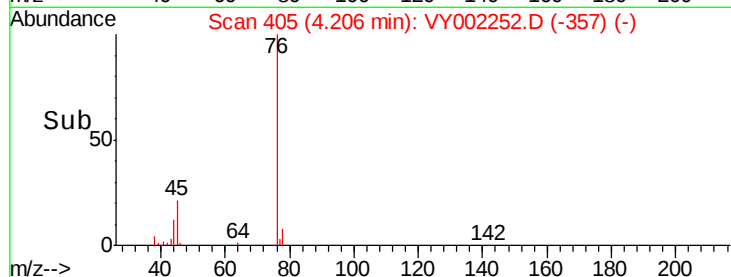
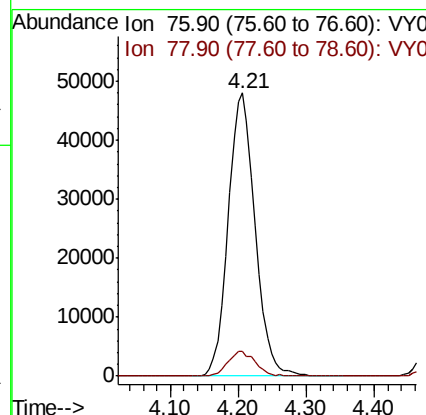
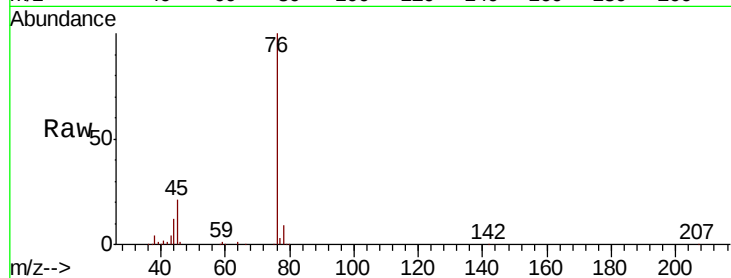




#17
Carbon Disulfide
Concen: 20.465 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

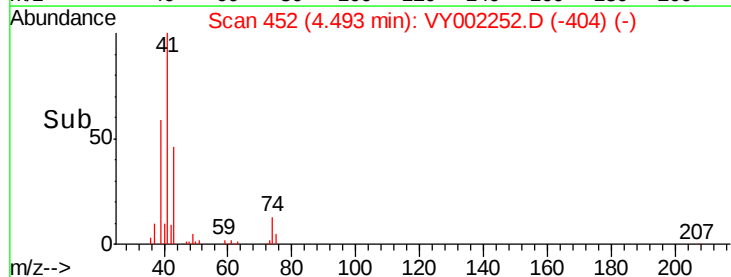
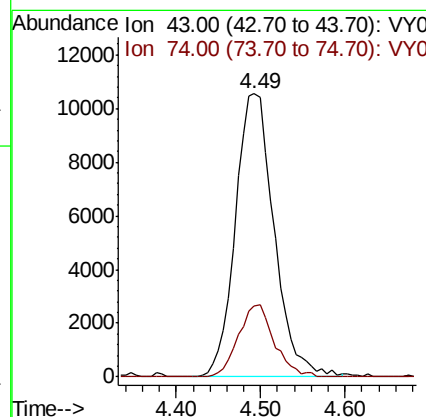
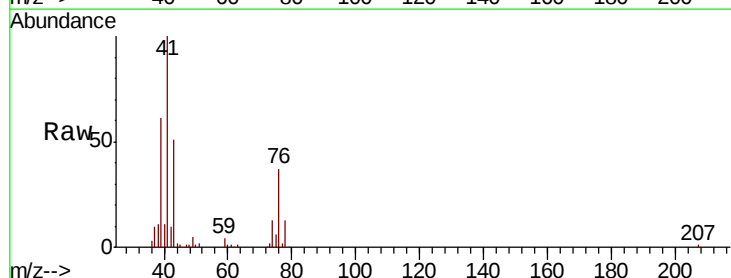
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

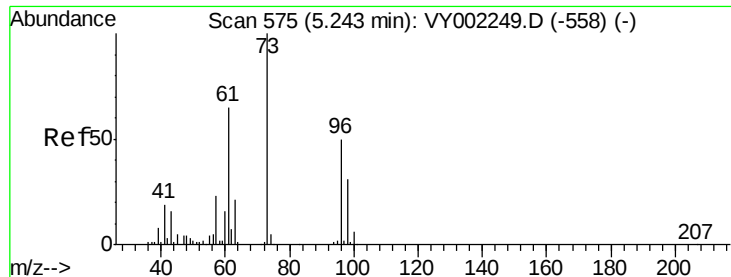
Tot Ion: 76 Resp: 131087
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5



#18
Methyl Acetate
Concen: 22.681 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion: 43 Resp: 32914
Ion Ratio Lower Upper
43 100
74 23.6 20.3 30.5

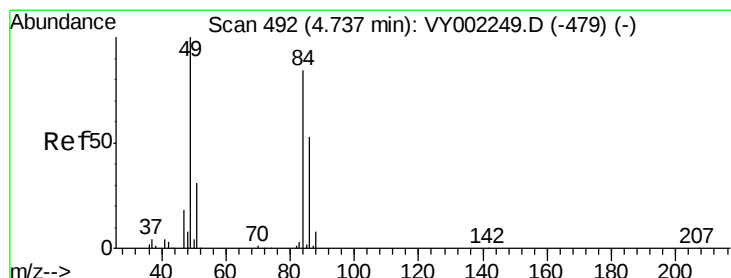
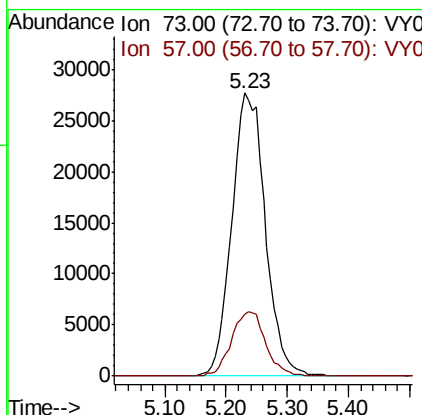
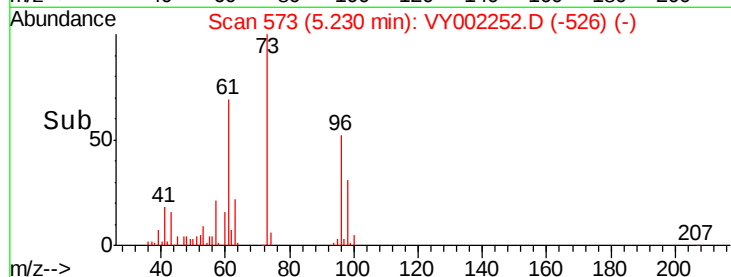
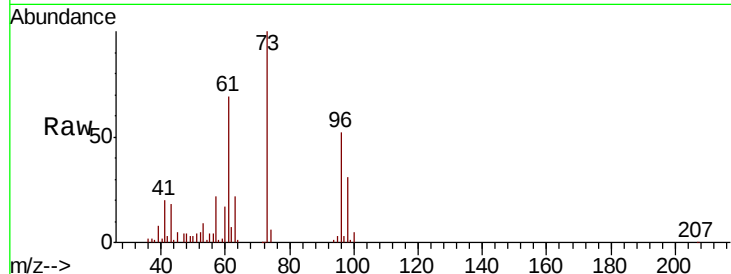




#19
Methvl tert-butvl Ether
Concen: 20.658 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

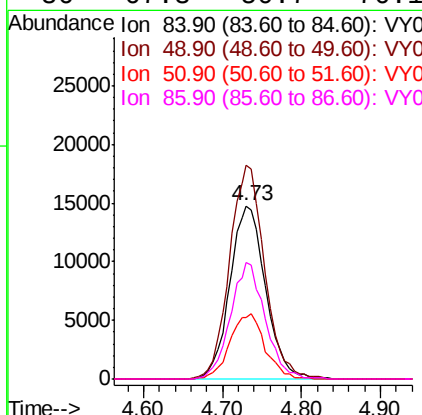
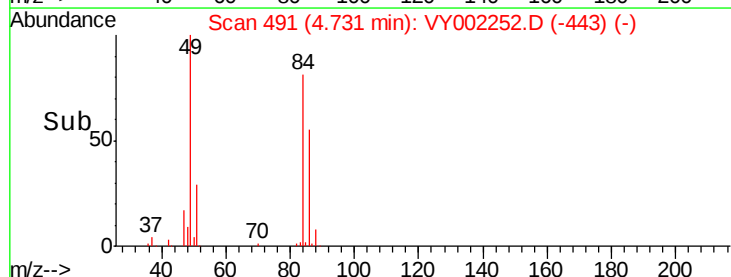
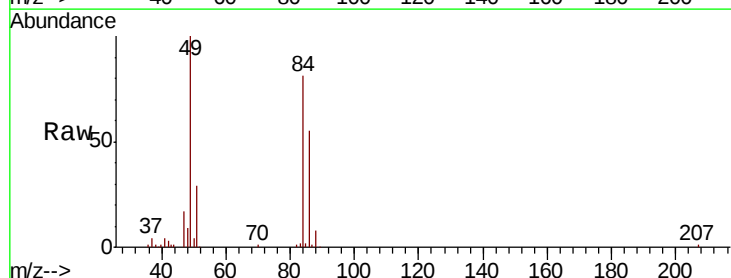
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

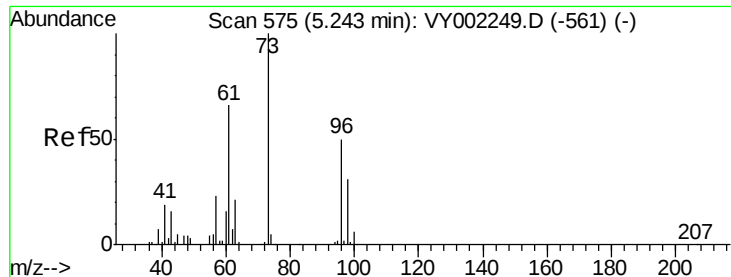
Tot Ion: 73 Resp: 104746
Ion Ratio Lower Upper
73 100
57 21.8 18.7 28.1



#20
Methylene Chloride
Concen: 20.126 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion: 84 Resp: 46280
Ion Ratio Lower Upper
84 100
49 123.3 95.5 143.3
51 35.6 29.5 44.3
86 67.3 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 20.855 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

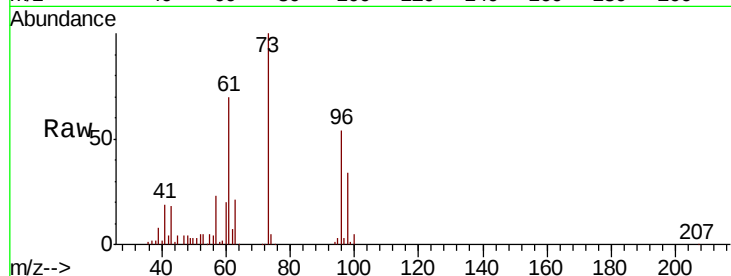
Tot Ion: 96 Resp: 45149

Ion Ratio Lower Upper

96 100

61 128.8 104.6 157.0

98 63.0 50.1 75.1

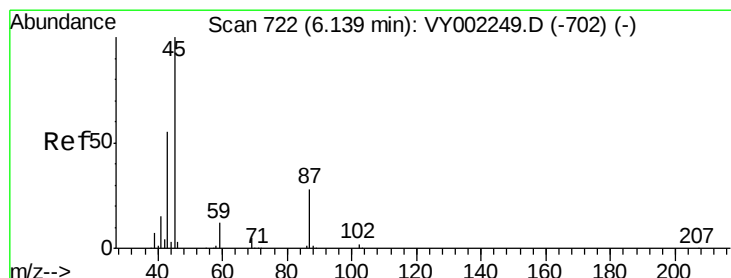
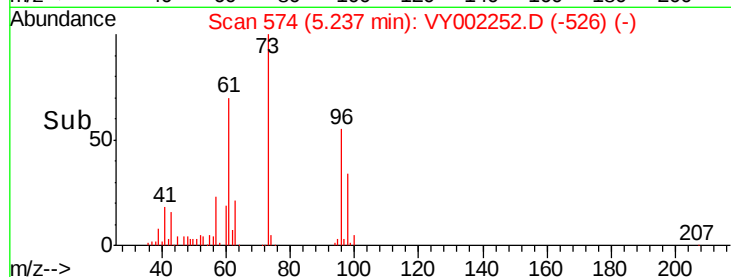
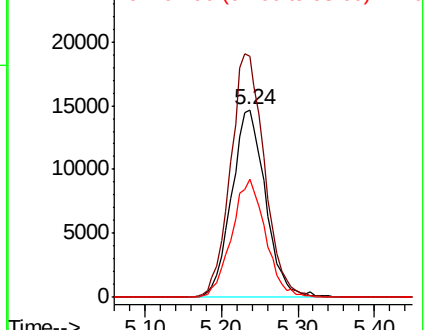


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.046 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Tgt Ion: 45 Resp: 131915

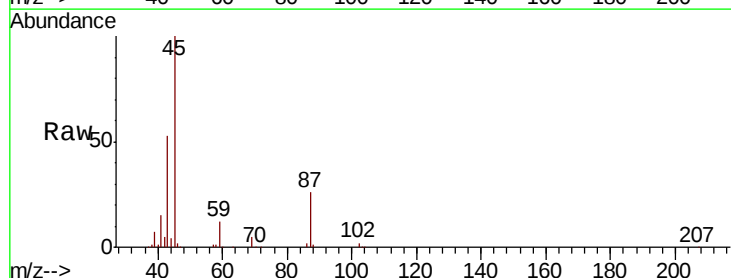
Ion Ratio Lower Upper

45 100

43 53.2 44.7 67.1

87 26.3 23.0 34.4

59 11.6 10.1 15.1



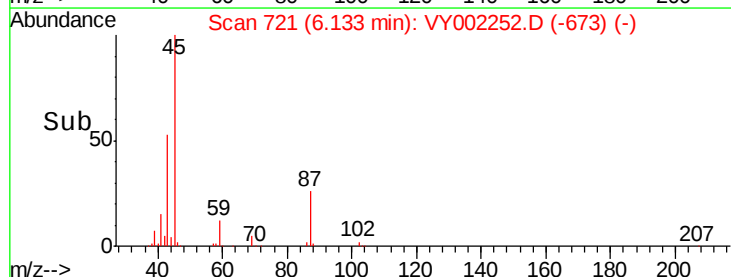
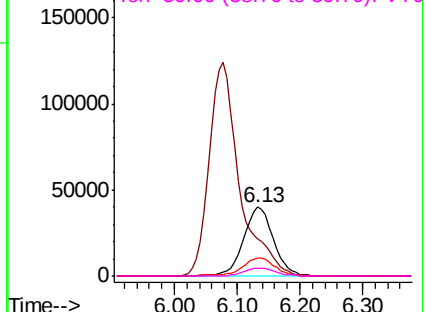
Abundance

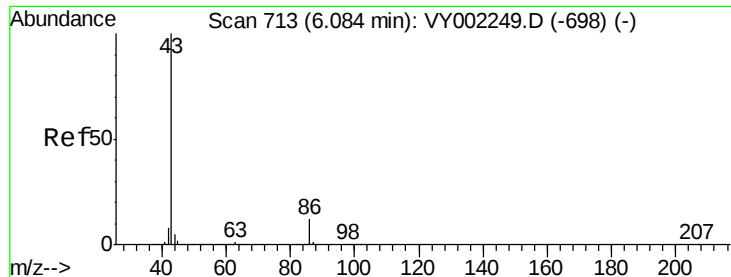
Ion 45.00 (44.70 to 45.70): VY0

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: 104.454 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampled :

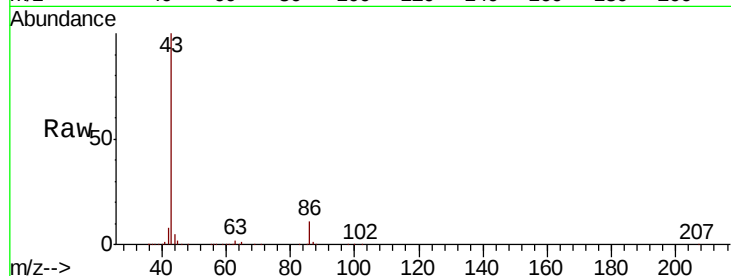
VY0408SBS01

Tot Ion: 43 Resp: 417214

Ion Ratio Lower Upper

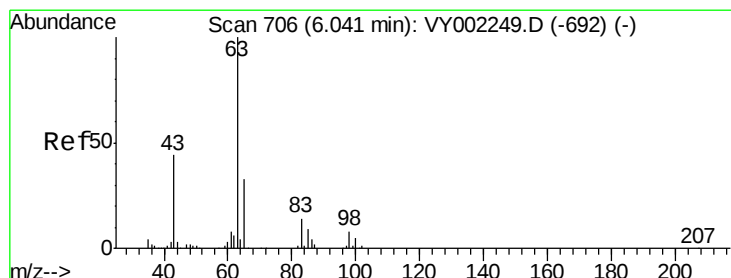
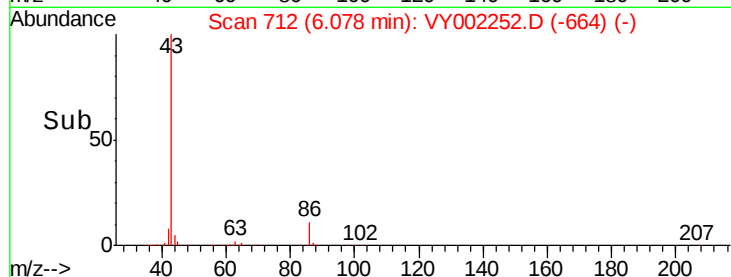
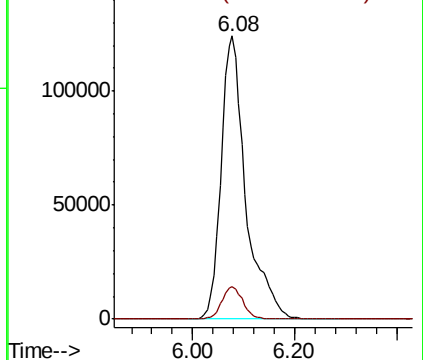
43 100

86 11.3 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.653 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

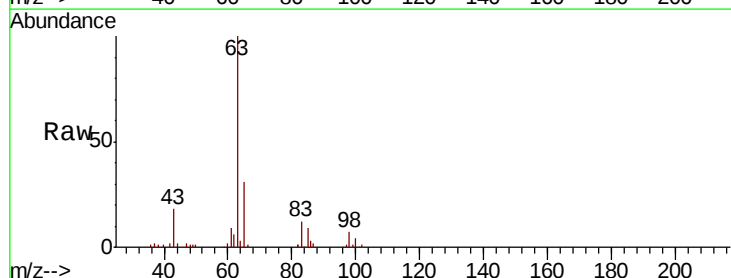
Tgt Ion: 63 Resp: 73631

Ion Ratio Lower Upper

63 100

98 7.4 4.0 12.0

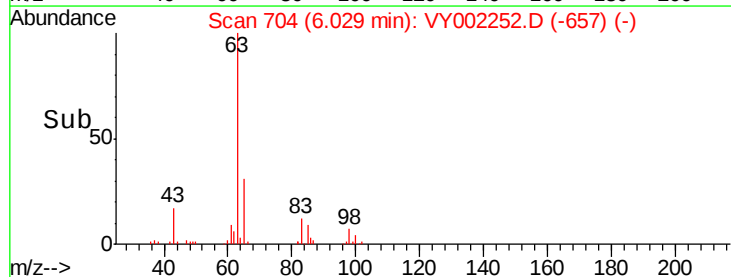
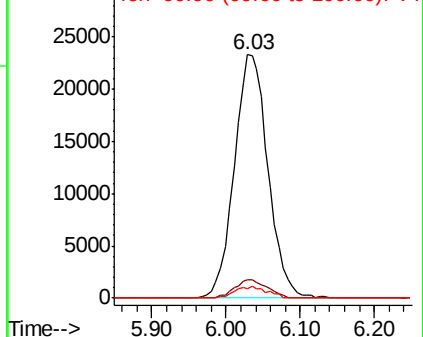
100 3.8 2.4 7.1

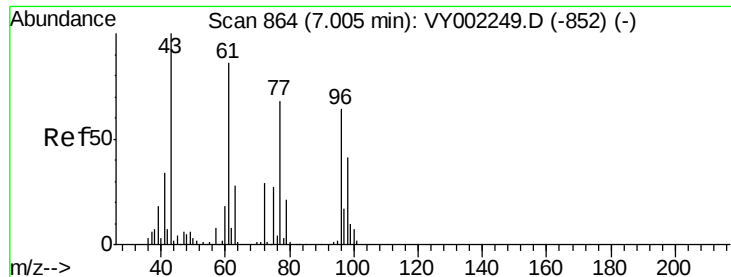


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

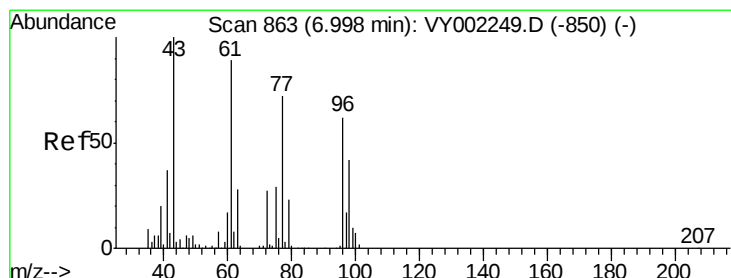
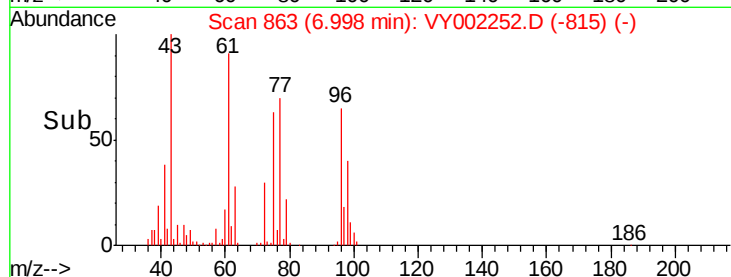
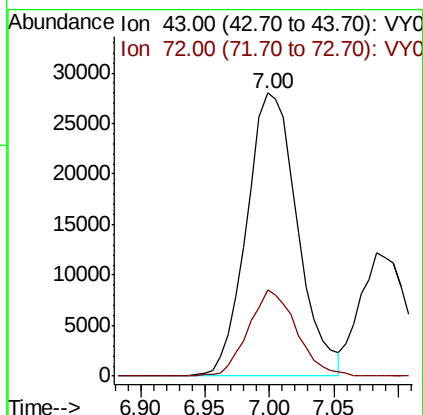
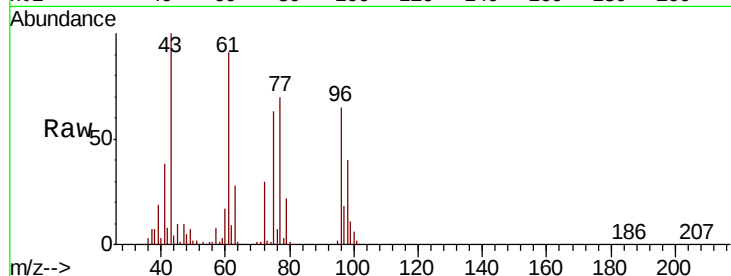




#25
2-Butanone
Concen: 103.690 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

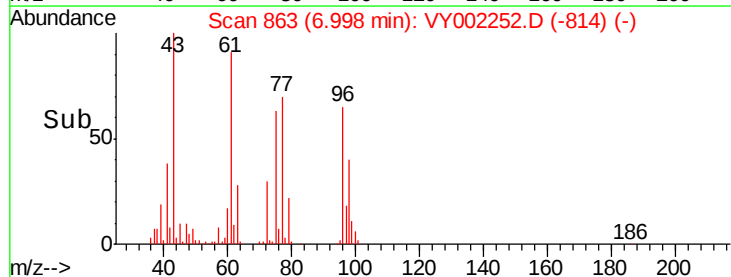
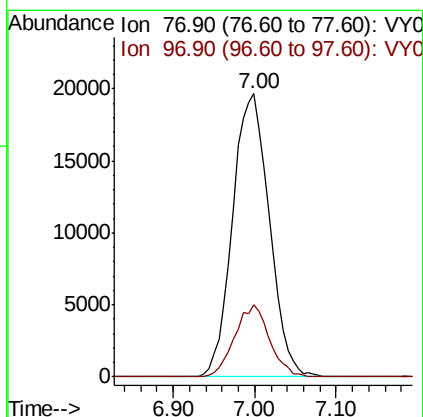
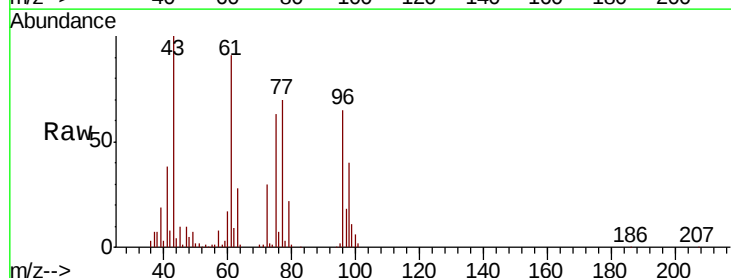
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

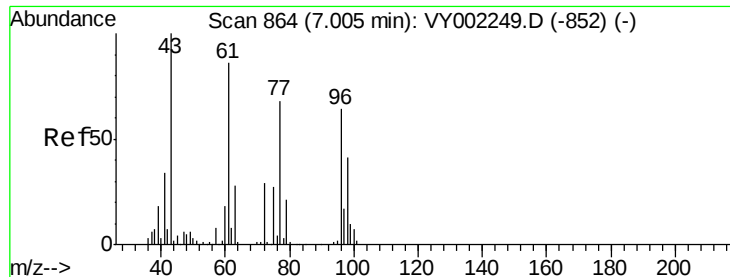
Tot Ion: 43 Resp: 76772
Ion Ratio Lower Upper
43 100
72 30.4 23.2 34.8



#26
2,2-Dichloropropane
Concen: 20.559 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion: 77 Resp: 61311
Ion Ratio Lower Upper
77 100
97 23.9 12.2 36.6



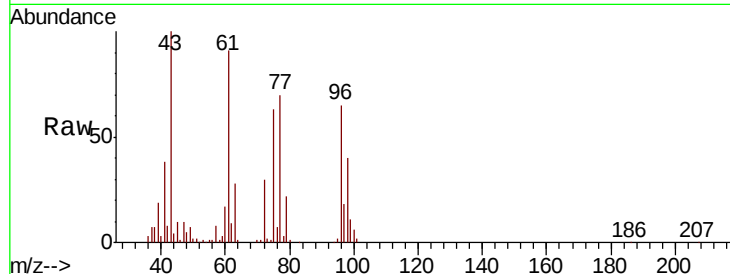


#27

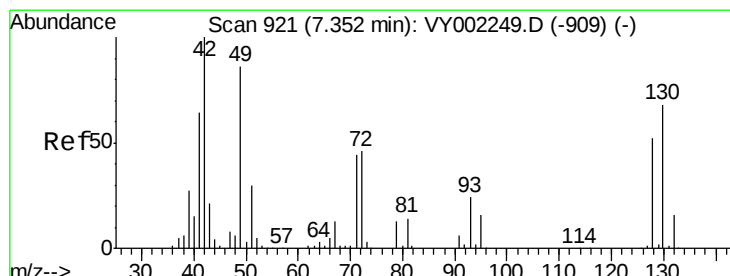
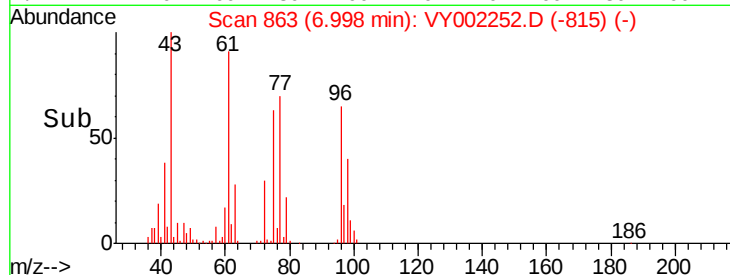
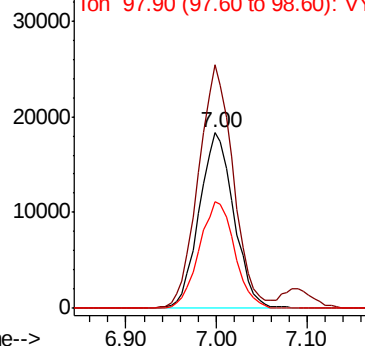
cis-1,2-Dichloroethene
 Concen: 20.528 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Tot Ion: 96 Resp: 48443
 Ion Ratio Lower Upper
 96 100
 61 139.1 0.0 278.0
 98 62.0 0.0 128.6



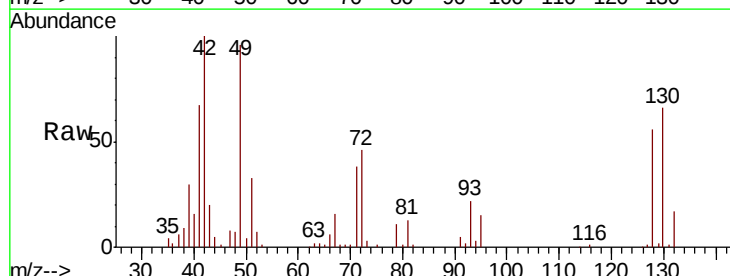
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



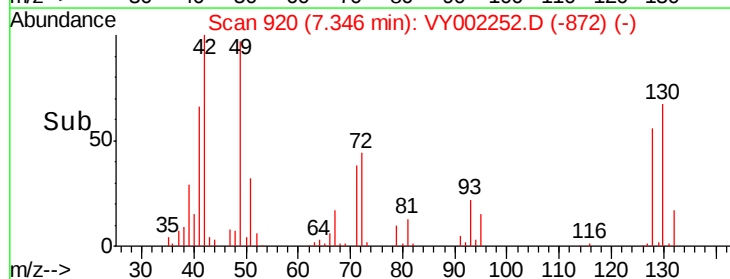
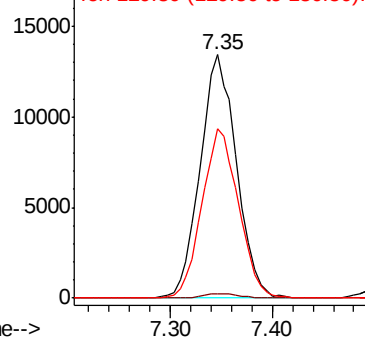
#28

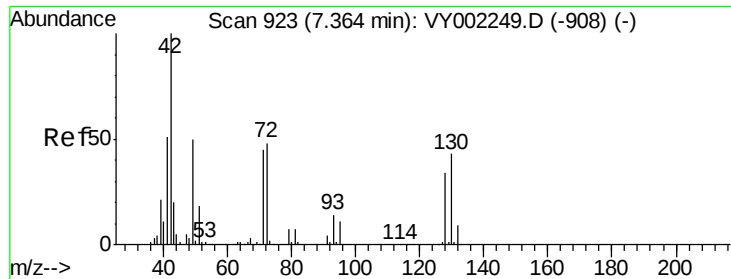
Bromochloromethane
 Concen: 21.551 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion: 49 Resp: 33166
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.2
 130 70.1 60.9 91.3



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

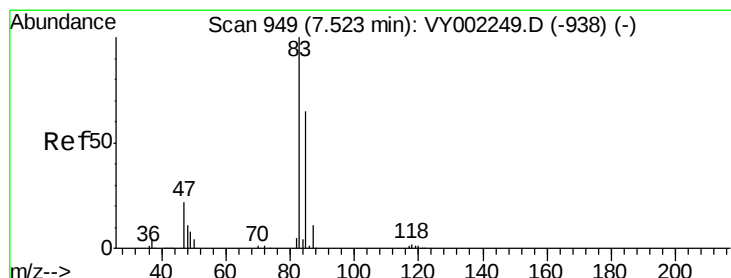
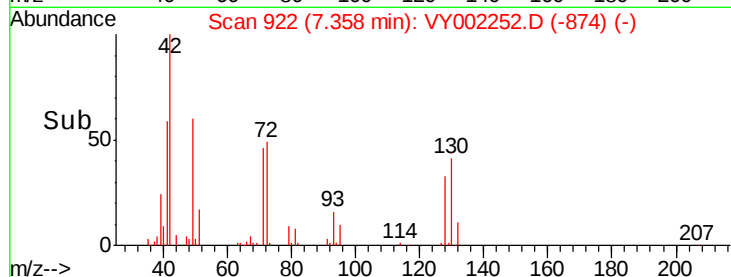
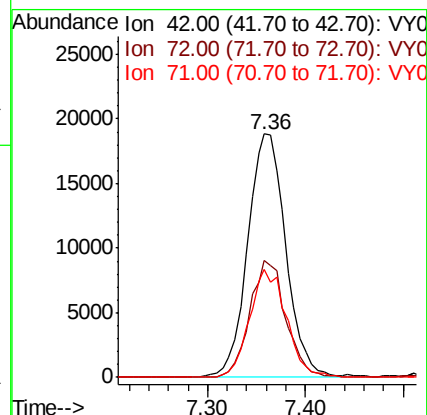
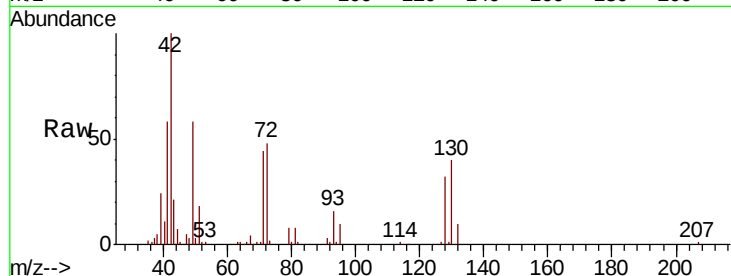




#29
Tetrahydrofuran
Concen: 104.587 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

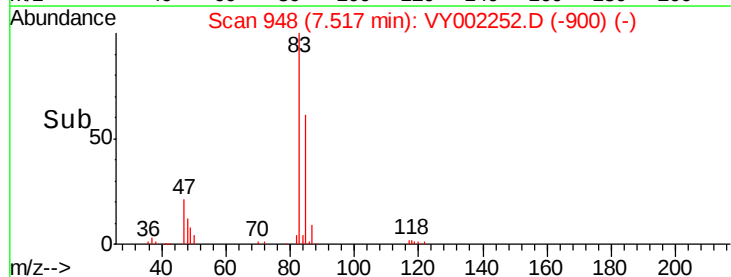
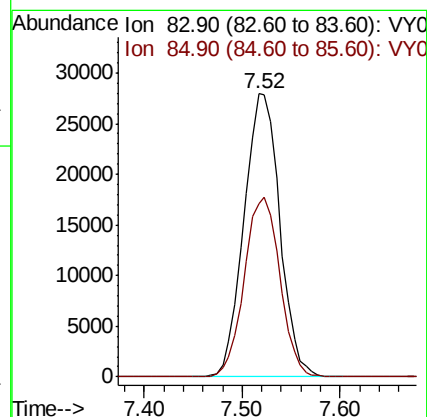
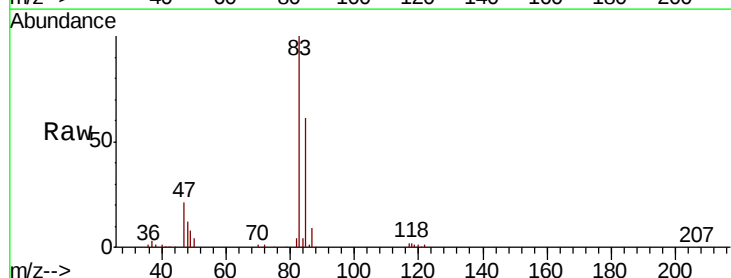
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

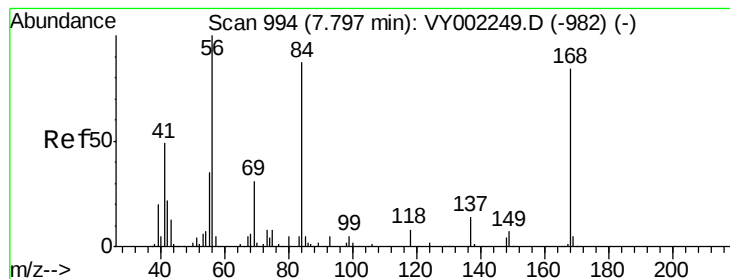
Tot Ion: 42 Resp: 51187
Ion Ratio Lower Upper
42 100
72 45.2 36.7 55.1
71 42.8 34.7 52.1



#30
Chloroform
Concen: 21.132 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion: 83 Resp: 71017
Ion Ratio Lower Upper
83 100
85 61.3 52.0 78.0





#31

Cyclohexane

Concen: 20.943 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

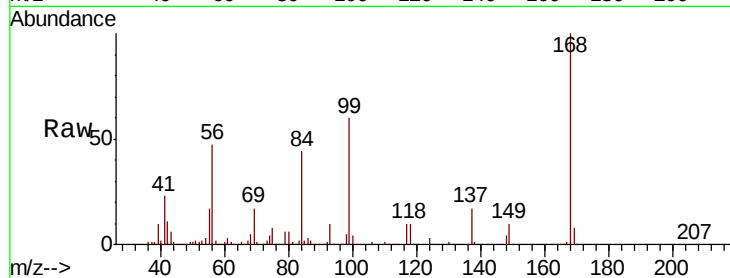
Tot Ion: 56 Resp: 78374

Ion Ratio Lower Upper

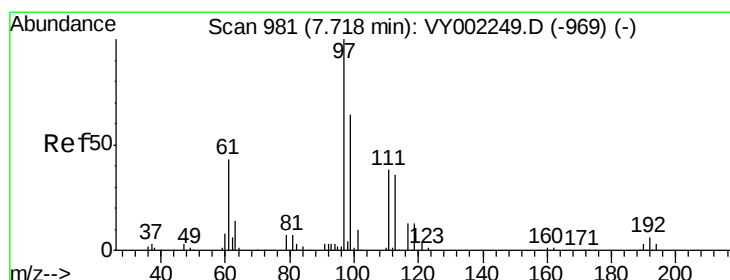
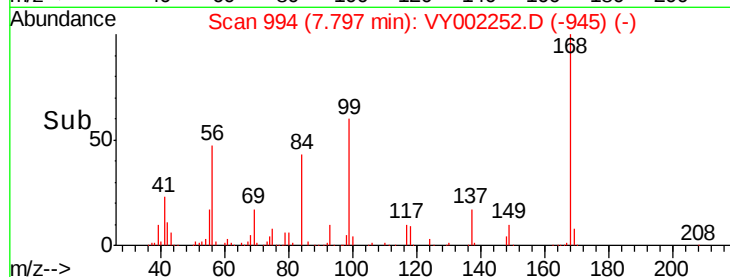
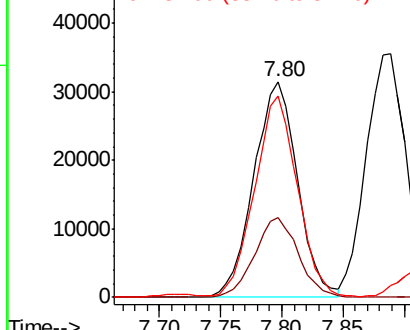
56 100

69 37.1 25.0 37.6

84 92.0 69.7 104.5



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



#32

1,1,1-Trichloroethane

Concen: 20.866 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

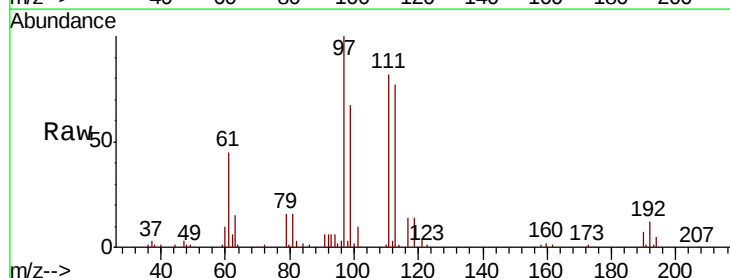
Tgt Ion: 97 Resp: 58365

Ion Ratio Lower Upper

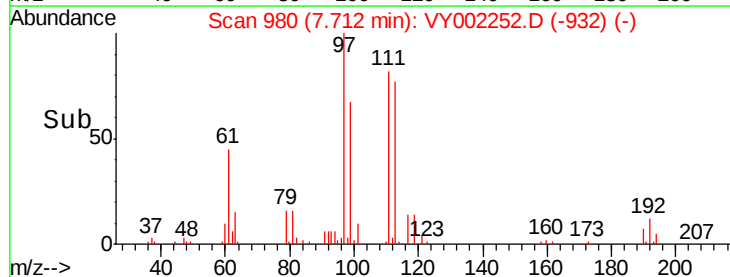
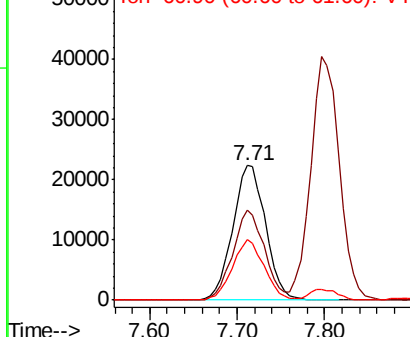
97 100

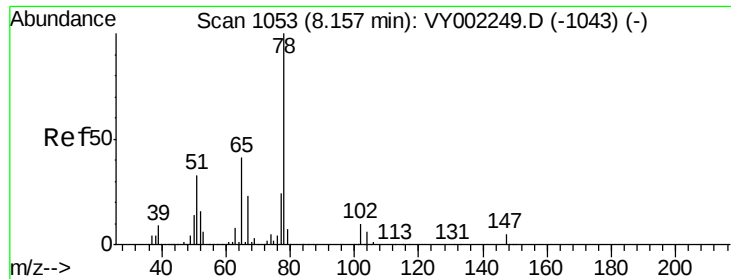
99 64.8 51.3 76.9

61 43.3 34.3 51.5



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





#33

1,2-Dichloroethane-d4

Concen: 51.051 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

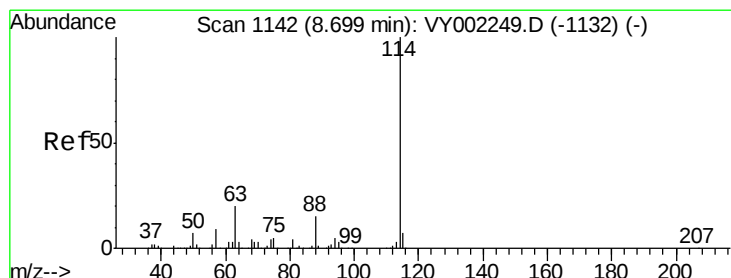
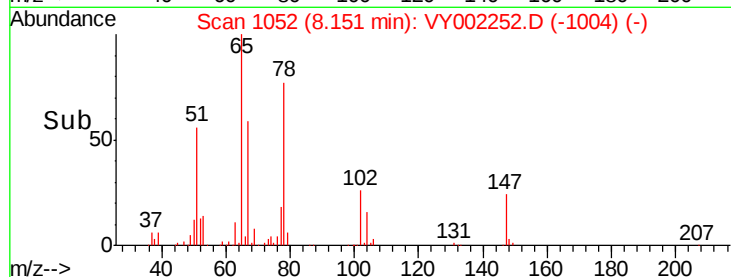
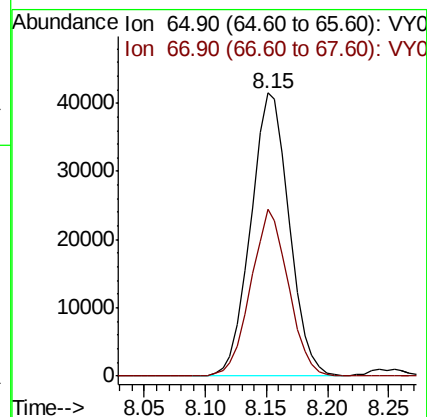
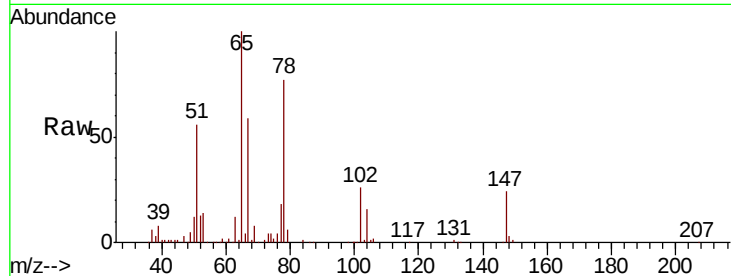
VY0408SBS01

Tot Ion: 65 Resp: 90683

Ion Ratio Lower Upper

65 100

67 57.5 0.0 114.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

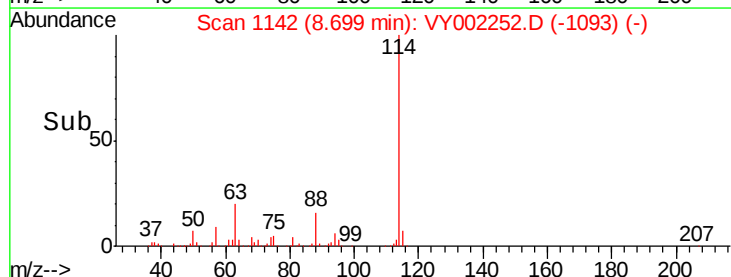
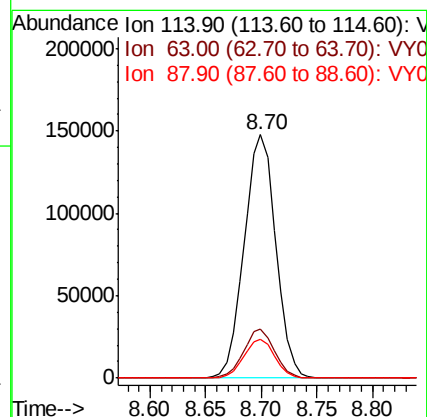
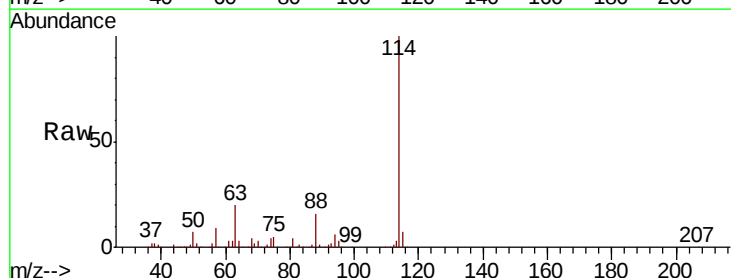
Tgt Ion: 114 Resp: 290978

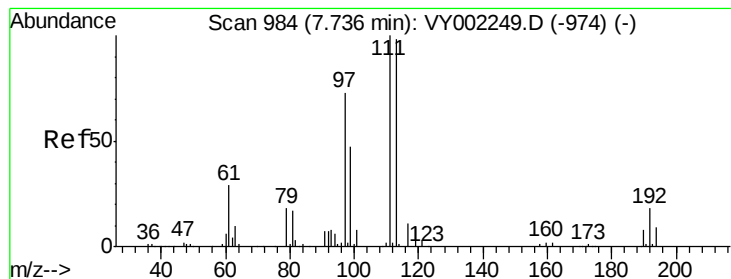
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

88 16.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 51.071 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

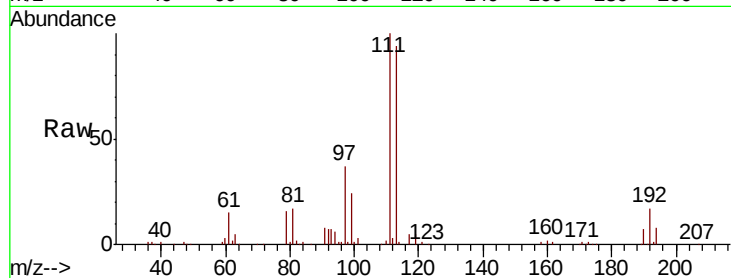
Tot Ion:113 Resp: 88425

Ion Ratio Lower Upper

113 100

111 103.1 83.5 125.3

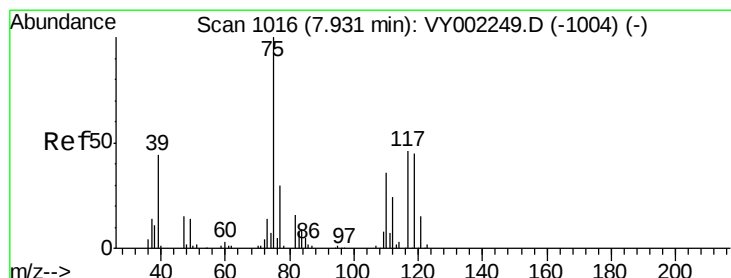
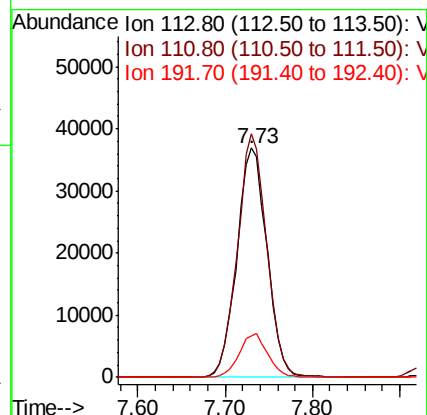
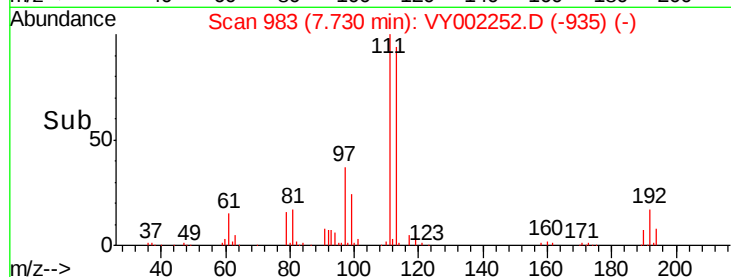
192 18.0 14.7 22.1



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: 21.008 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

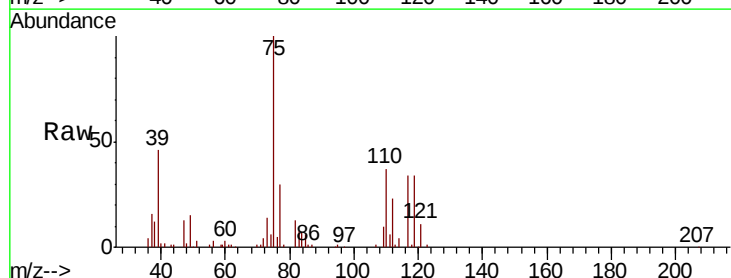
Tgt Ion: 75 Resp: 60212

Ion Ratio Lower Upper

75 100

110 36.0 17.8 53.3

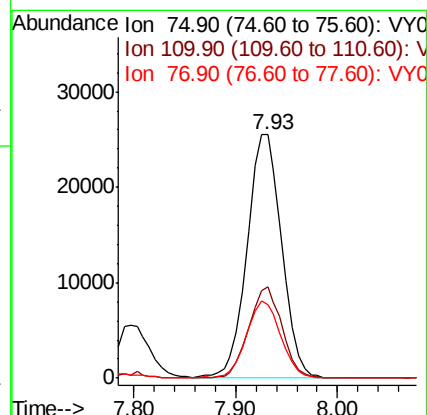
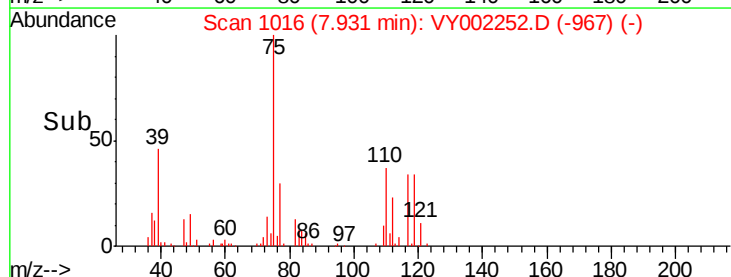
77 31.3 24.4 36.6

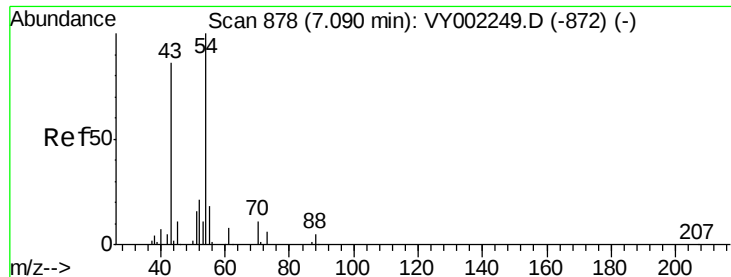


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

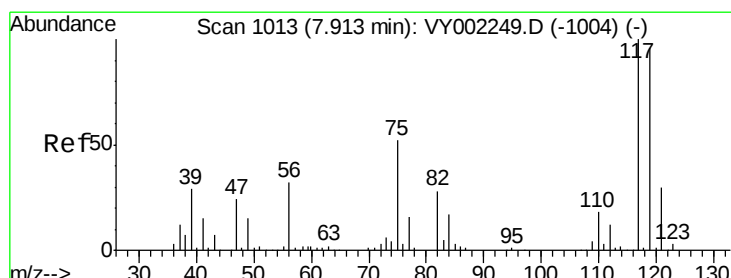
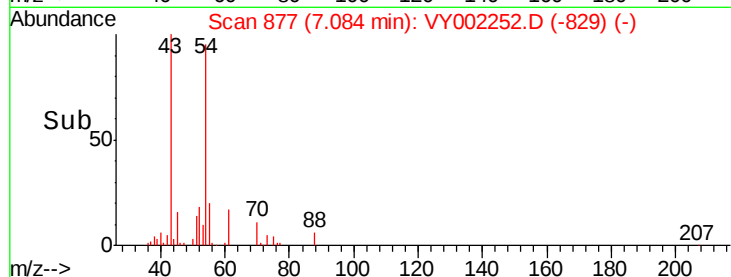
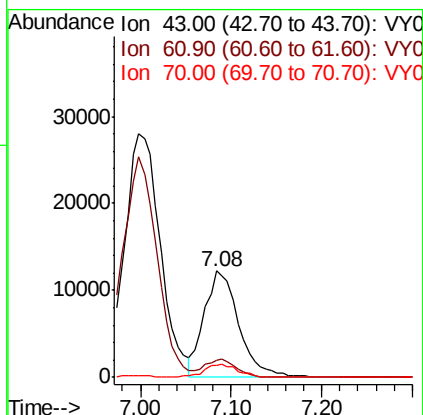
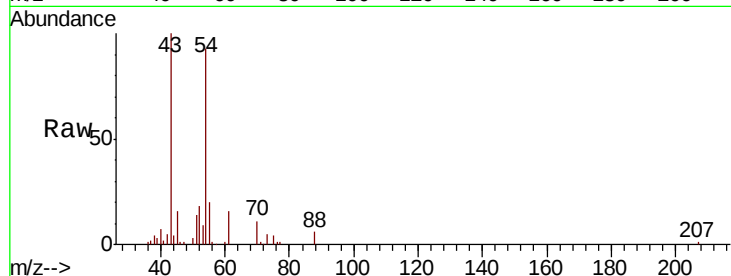




#37
Ethyl Acetate
Concen: 20.064 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

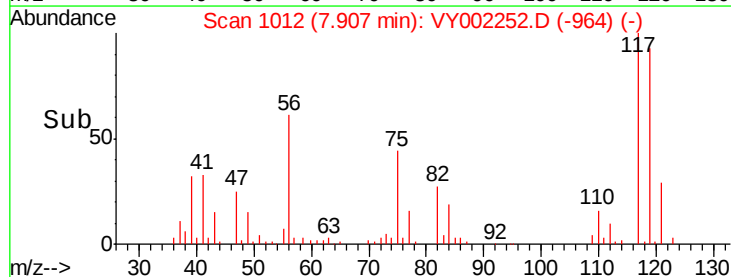
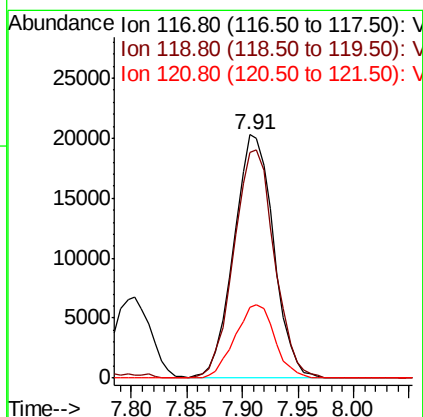
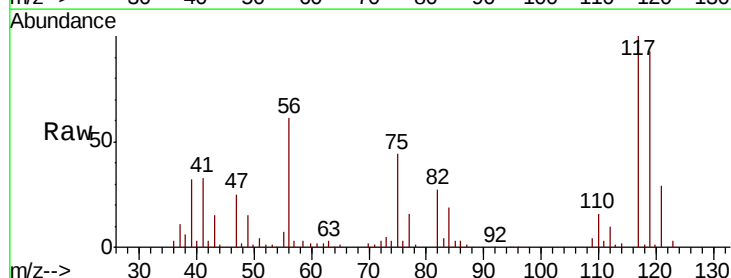
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

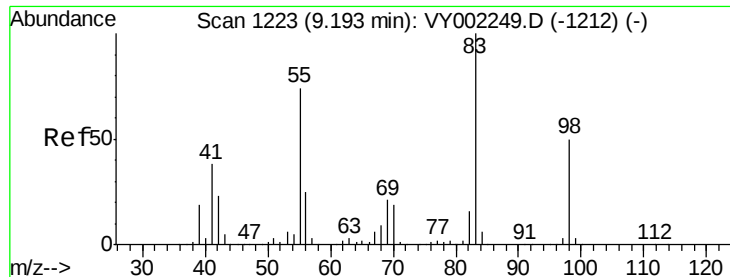
Tot Ion: 43 Resp: 32851
Ion Ratio Lower Upper
43 100
61 15.3 11.8 17.6
70 11.7 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.489 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion: 117 Resp: 50231
Ion Ratio Lower Upper
117 100
119 92.6 77.1 115.7
121 29.3 23.9 35.9

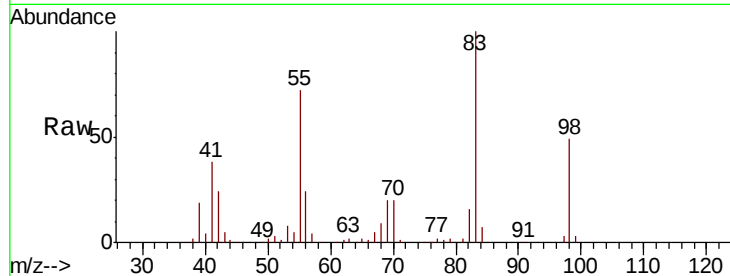




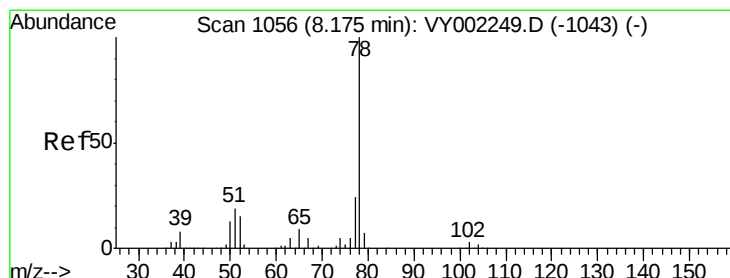
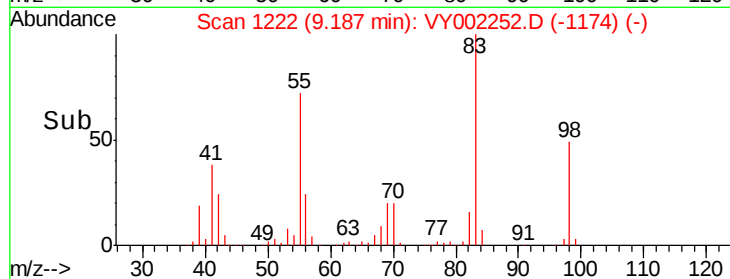
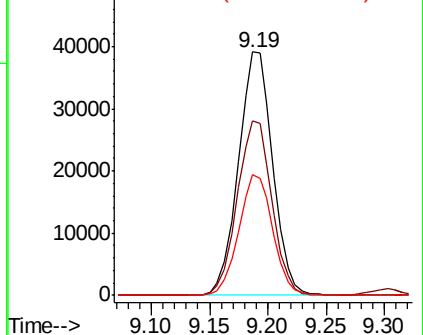
#39
Methvlcvclohexane
Concen: 20.585 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion: 83 Resp: 80256
Ion Ratio Lower Upper
83 100
55 71.7 59.3 88.9
98 49.5 39.6 59.4

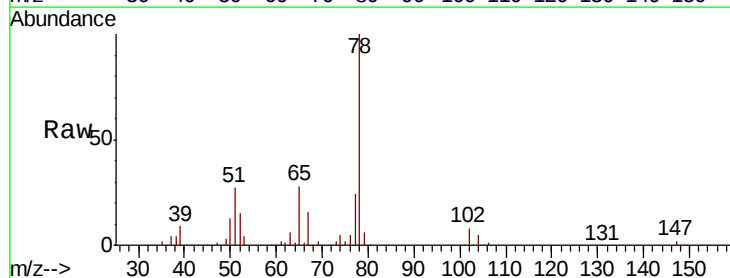


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

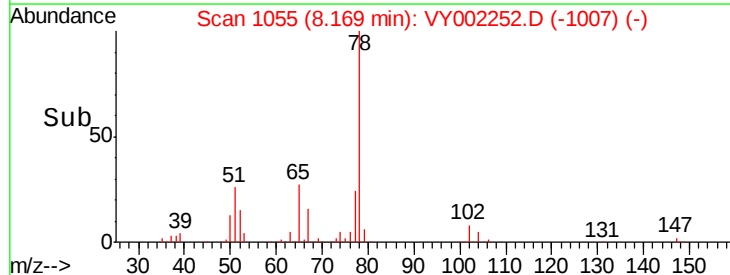
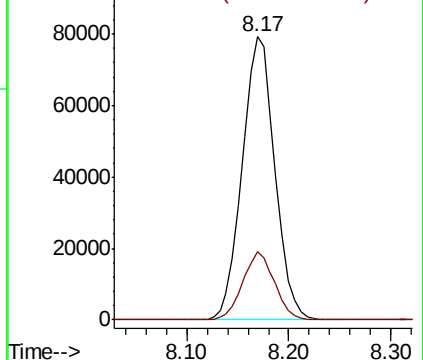


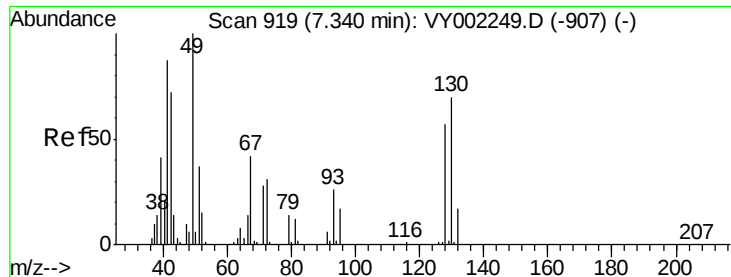
#40
Benzene
Concen: 20.239 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion: 78 Resp: 175993
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3



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

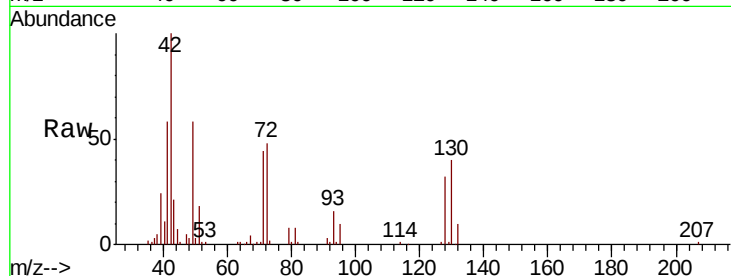




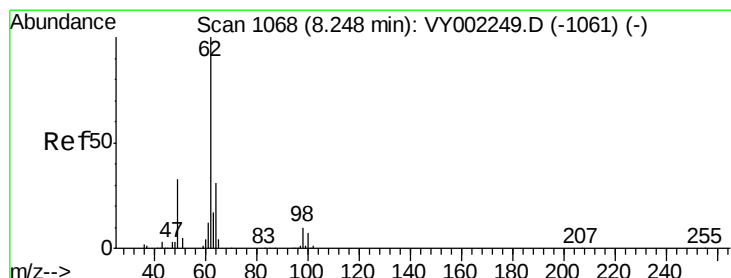
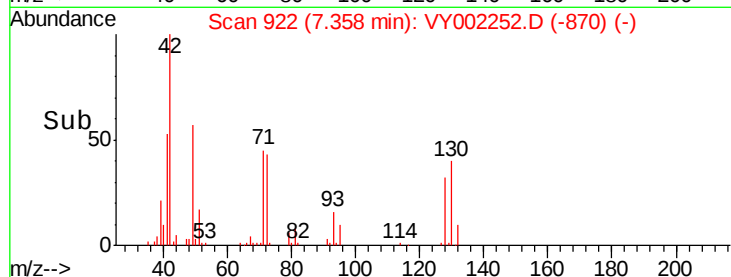
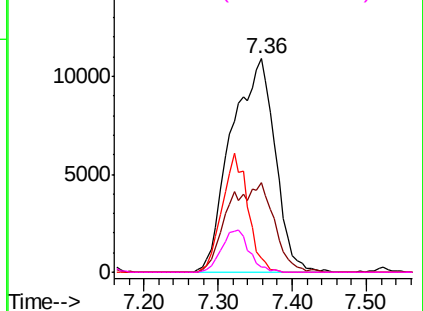
#41
Methacrylonitrile
Concen: 46.571 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion:	41	Resp:	44982
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

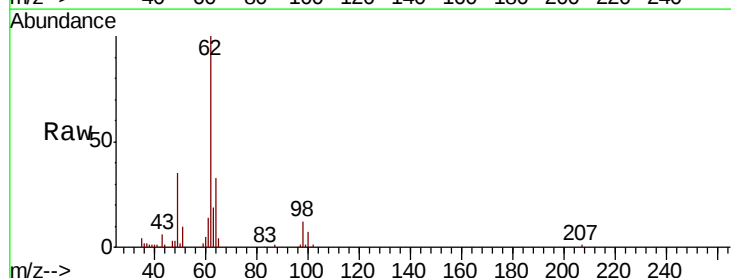


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

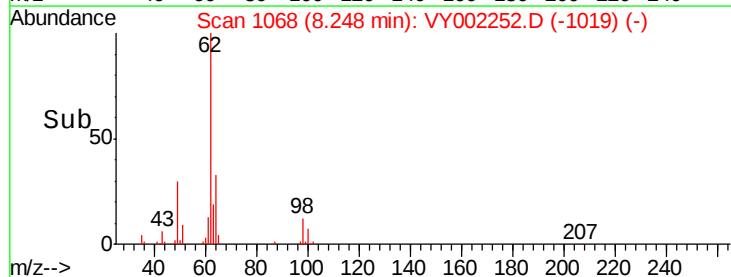
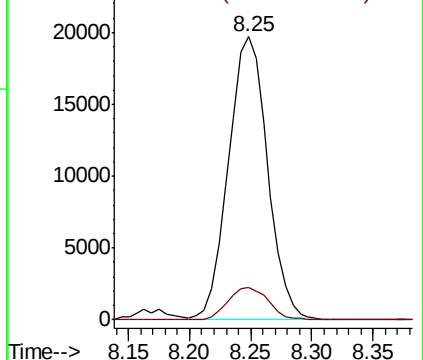


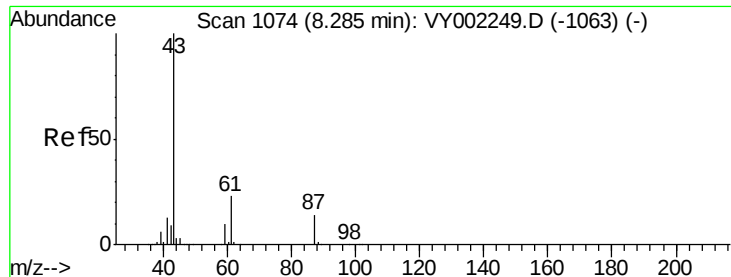
#42
1,2-Dichloroethane
Concen: 20.264 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion:	62	Resp:	43650
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	22.6



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



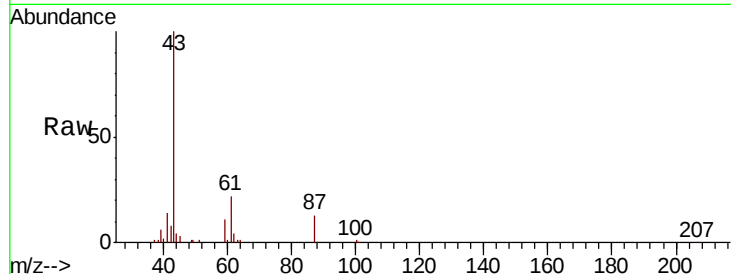


#43

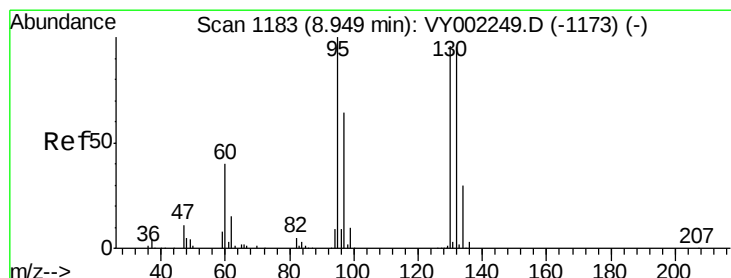
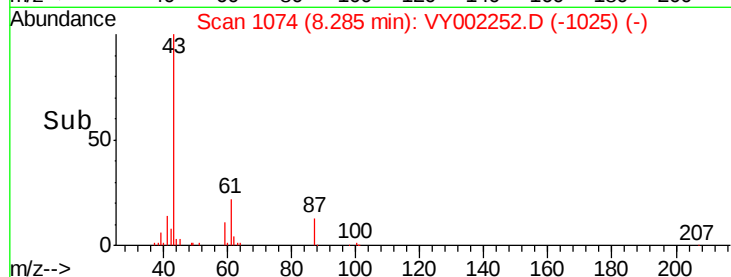
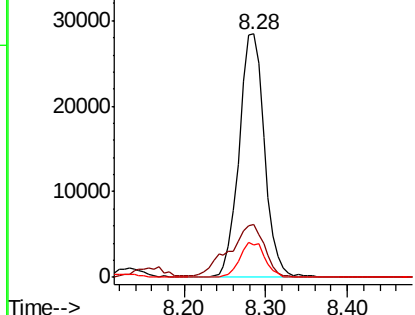
Isopropyl Acetate
 Concen: 20.428 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Tot Ion	43	Resp	61002
Ion Ratio	Lower	Upper	
43	100		
61	30.5	24.9	37.3
87	14.2	11.7	17.5



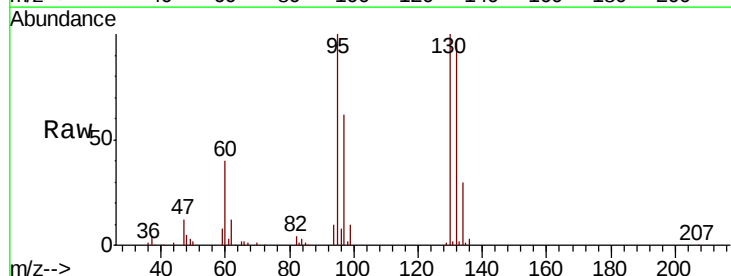
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



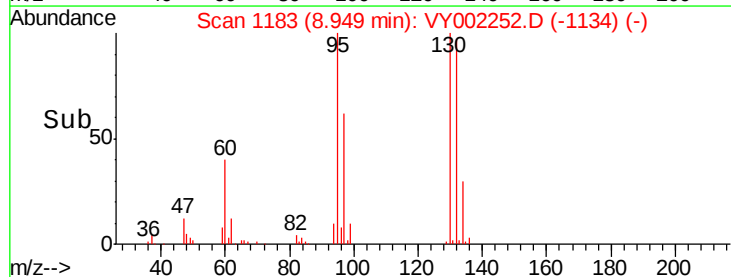
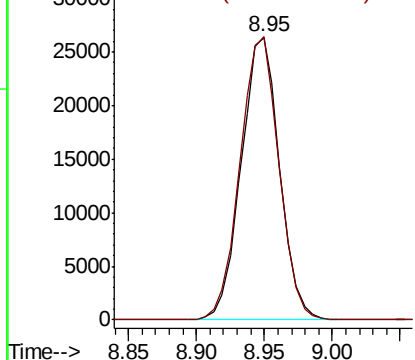
#44

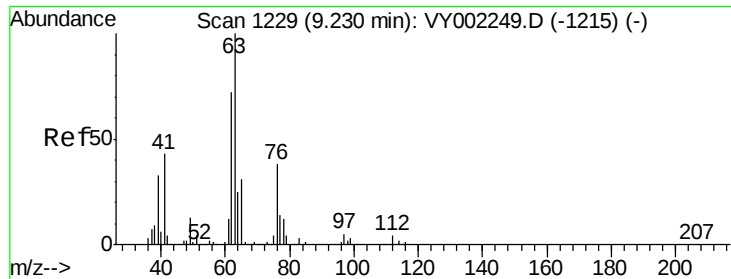
Trichloroethene
 Concen: 20.295 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion	130	Resp	51886
Ion Ratio	Lower	Upper	
130	100		
95	100.2	0.0	208.2



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

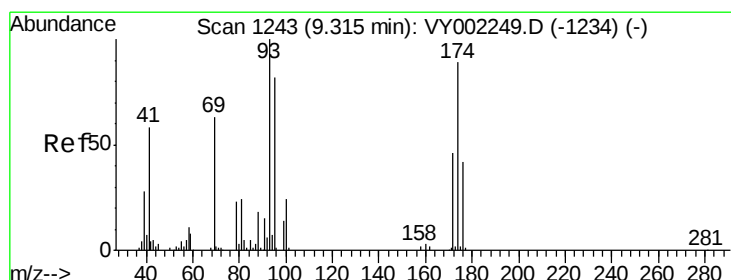
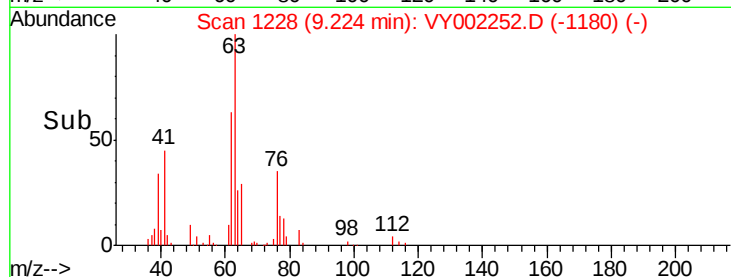
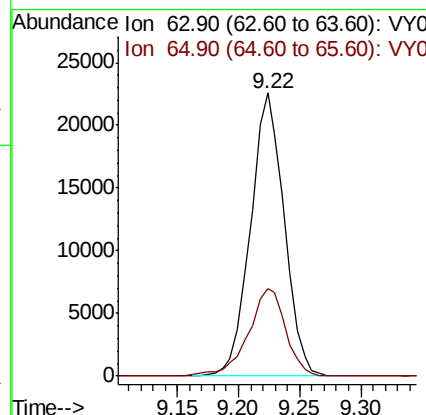
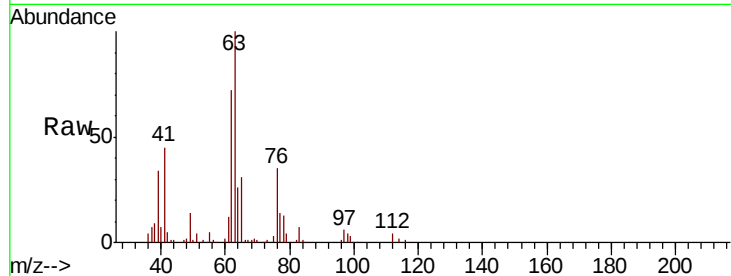




#45
 1,2-Dichloropropane
 Concen: 20.082 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

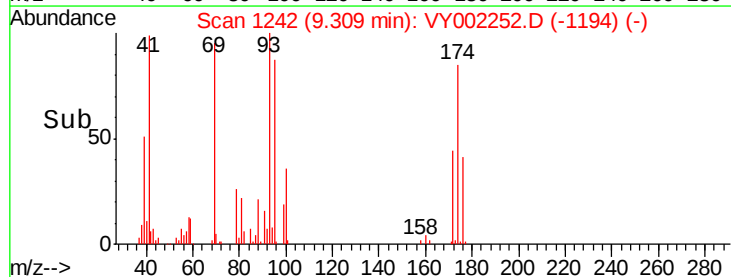
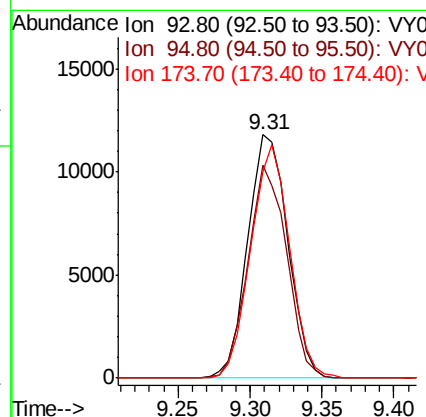
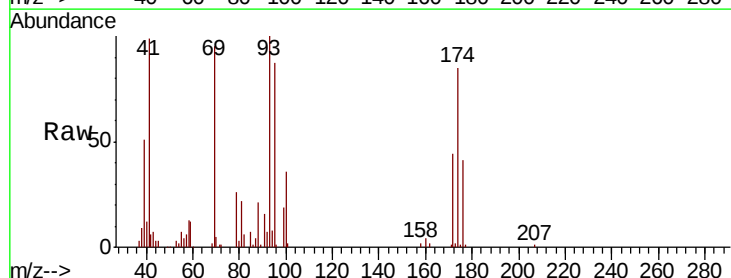
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

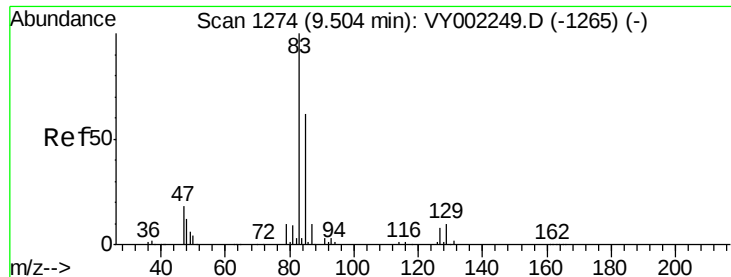
Tot Ion: 63 Resp: 43328
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 37.0



#46
 Dibromomethane
 Concen: 20.176 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion: 93 Resp: 22761
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.3 100.9
 174 92.5 72.5 108.7





#47

Bromodichloromethane

Concen: 20.332 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

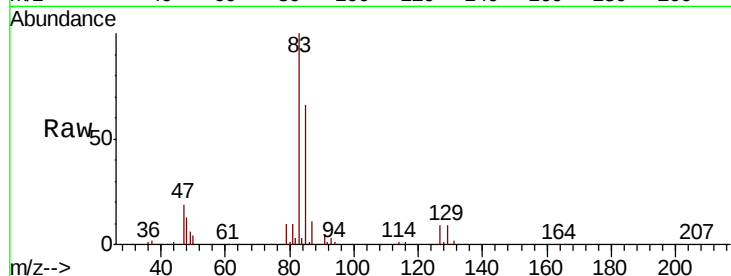
Tot Ion: 83 Resp: 52628

Ion Ratio Lower Upper

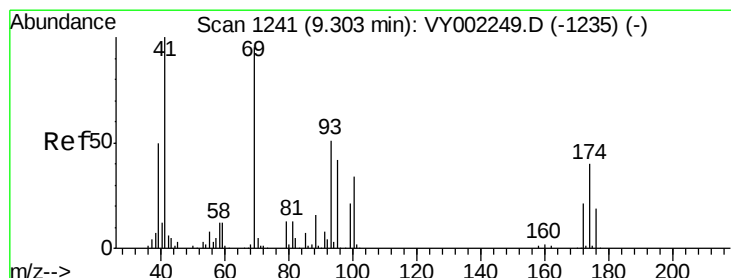
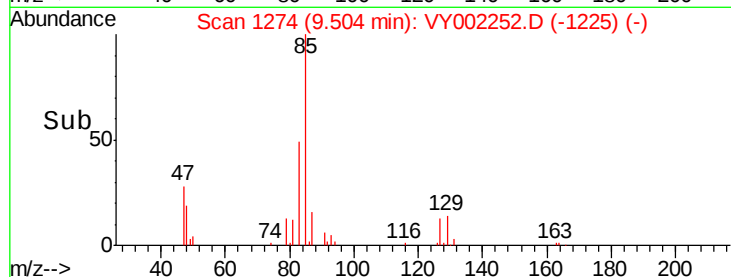
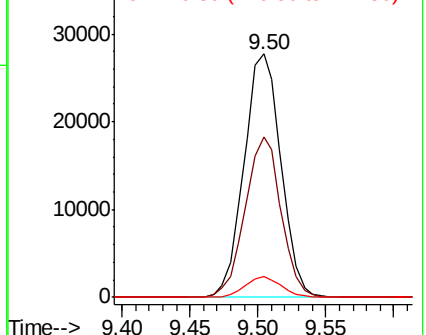
83 100

85 65.7 49.7 74.5

127 8.7 6.2 9.4



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): VY0



#48

Methyl methacrylate

Concen: 21.040 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

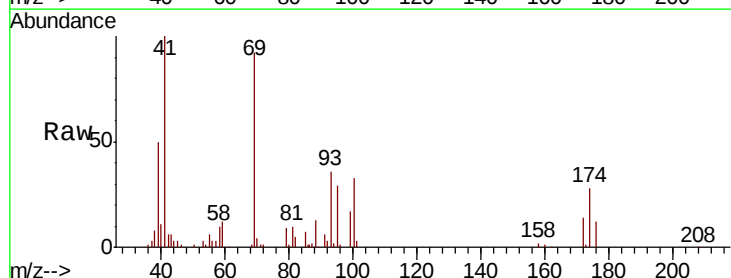
Tgt Ion: 41 Resp: 28172

Ion Ratio Lower Upper

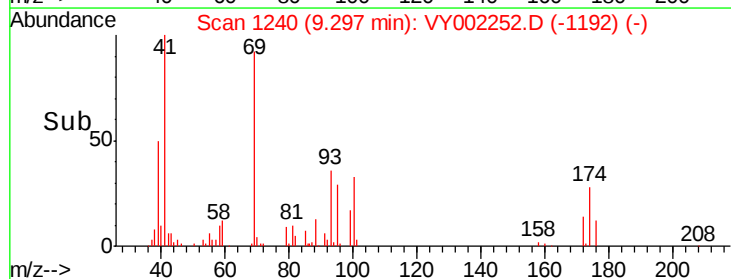
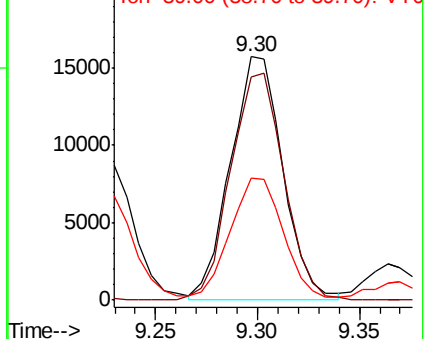
41 100

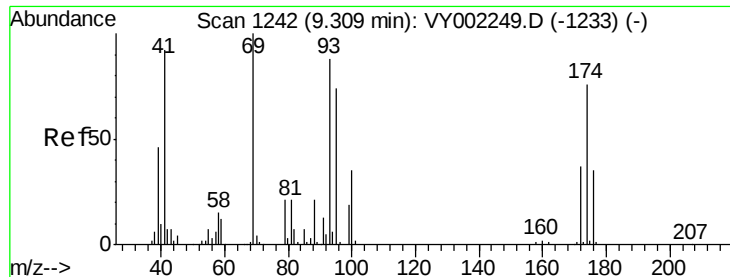
69 94.4 76.7 115.1

39 49.0 40.5 60.7



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: 436.908 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

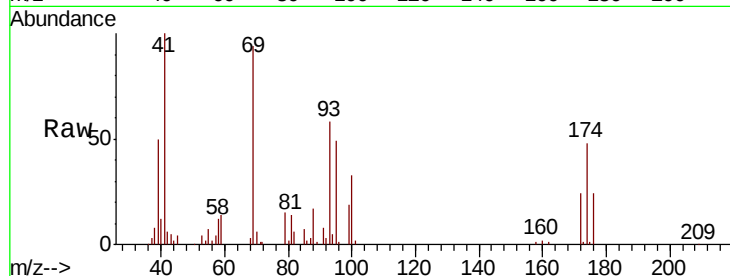
Tot Ion: 88 Resp: 6972

Ion Ratio Lower Upper

88 100

43 28.8 22.2 33.2

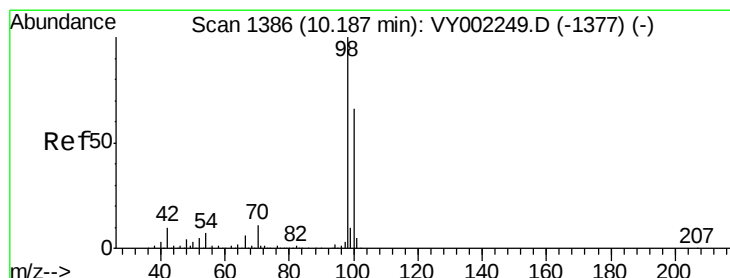
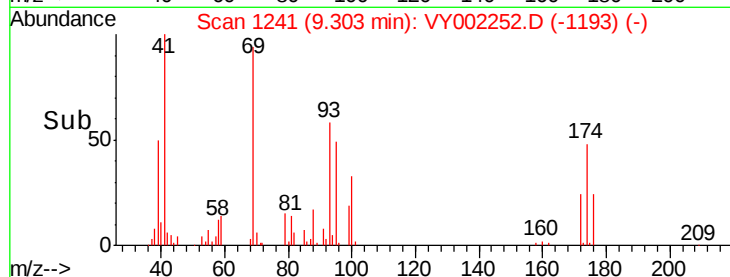
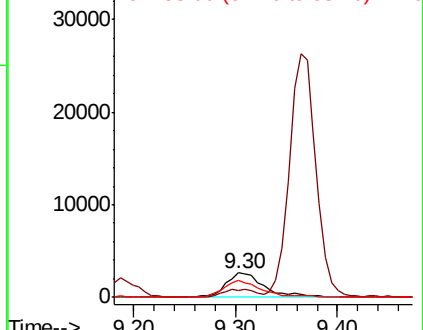
58 63.2 57.6 86.4



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 51.526 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002252.D

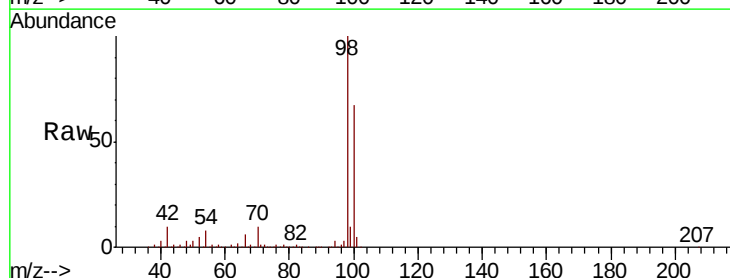
Acq: 08 Apr 2020 16:12

Tgt Ion: 98 Resp: 373411

Ion Ratio Lower Upper

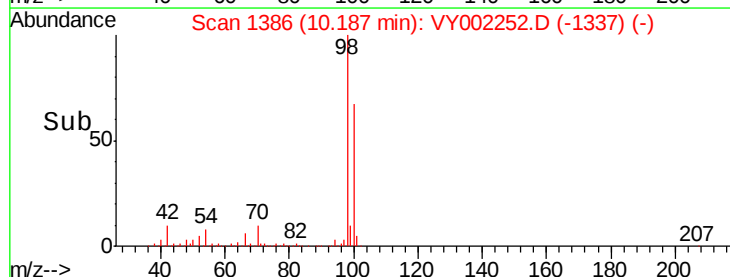
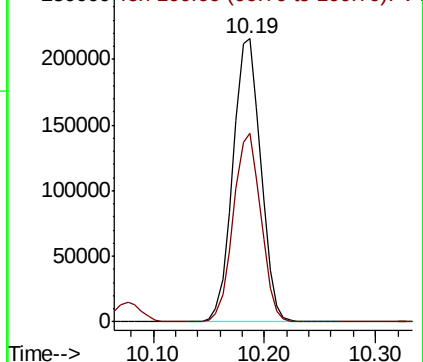
98 100

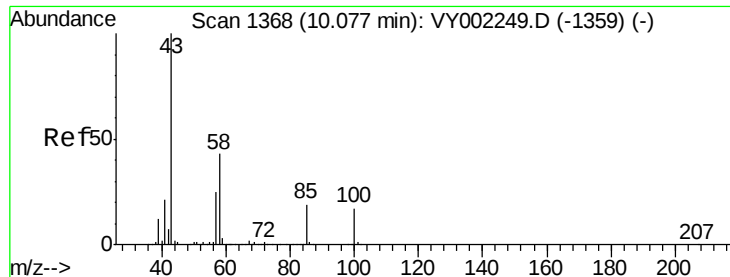
100 65.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 104.021 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

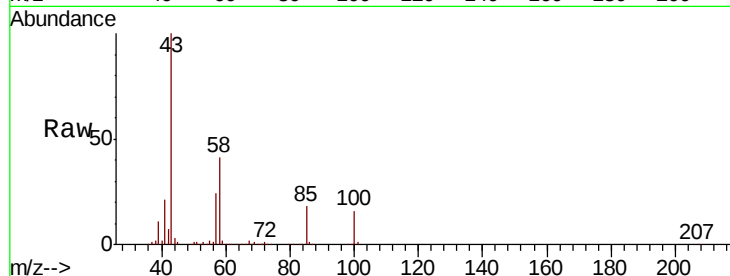
VY0408SBS01

Tot Ion: 43 Resp: 161860

Ion Ratio Lower Upper

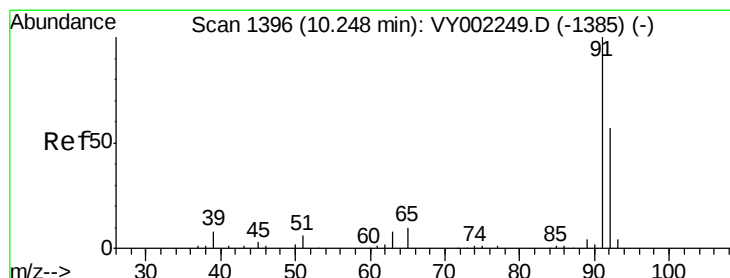
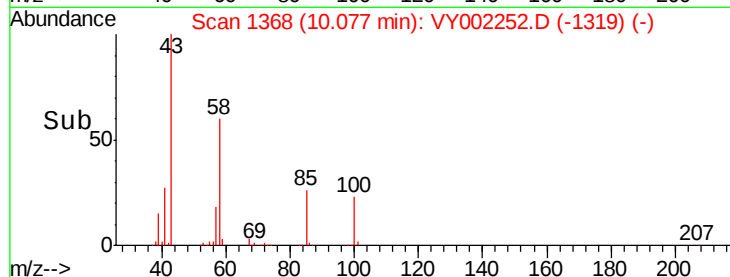
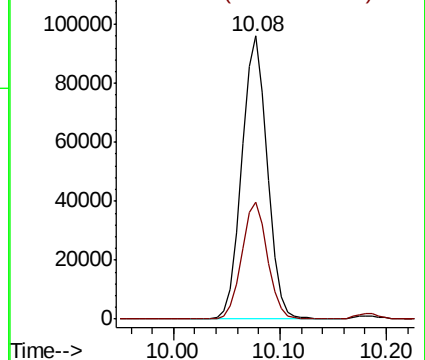
43 100

58 41.5 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.476 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY002252.D

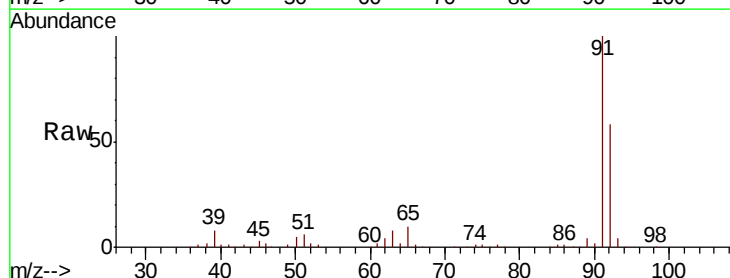
Acq: 08 Apr 2020 16:12

Tgt Ion: 92 Resp: 107305

Ion Ratio Lower Upper

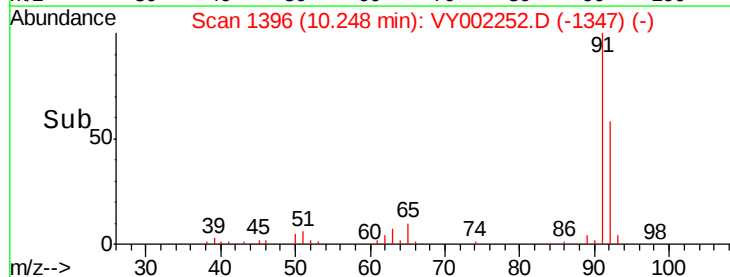
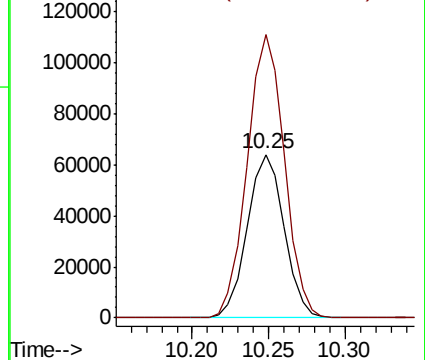
92 100

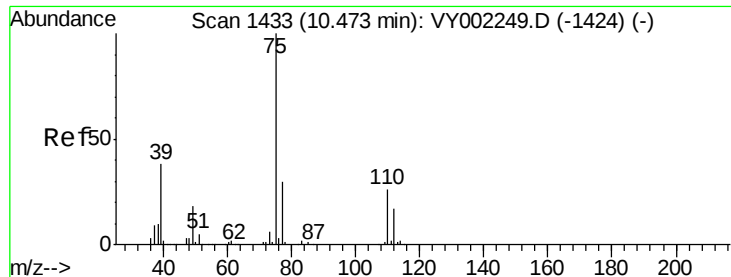
91 174.7 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 20.737 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

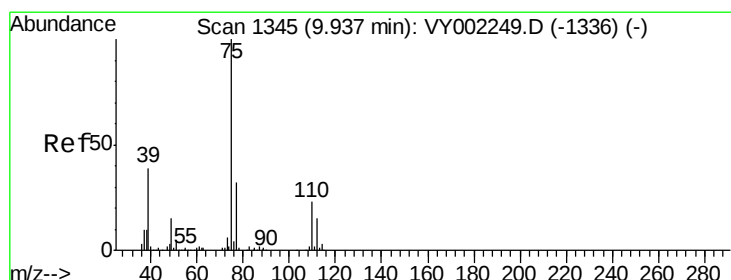
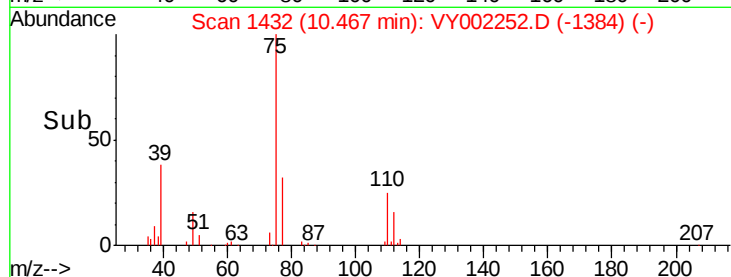
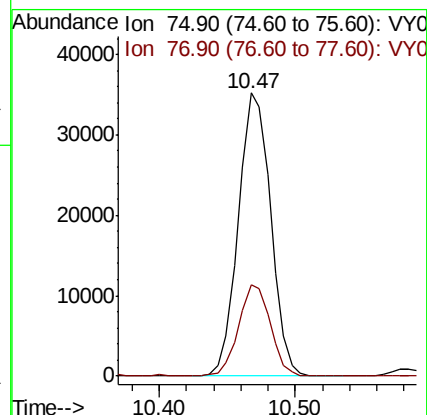
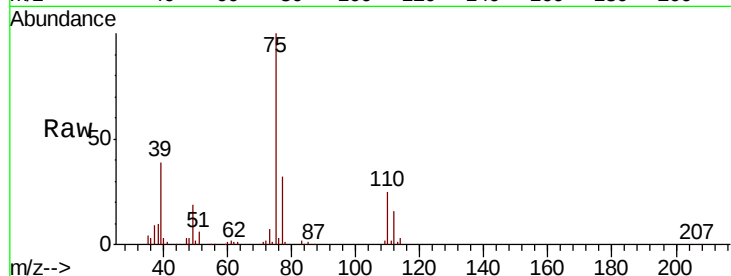
VY0408SBS01

Tot Ion: 75 Resp: 58482

Ion Ratio Lower Upper

75 100

77 32.2 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 19.947 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

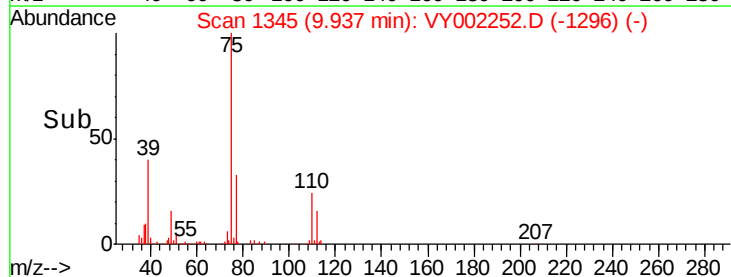
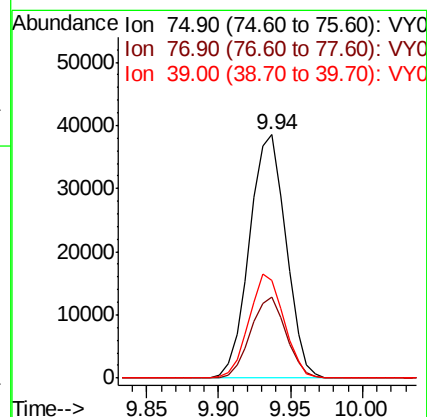
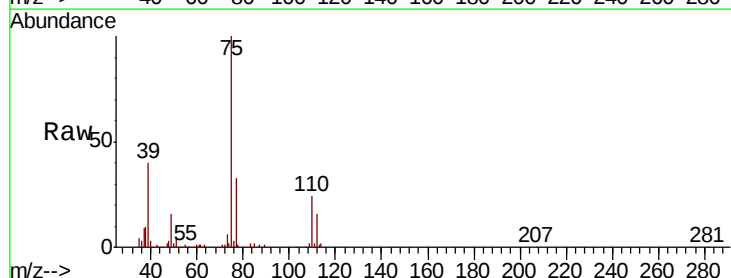
Tgt Ion: 75 Resp: 67631

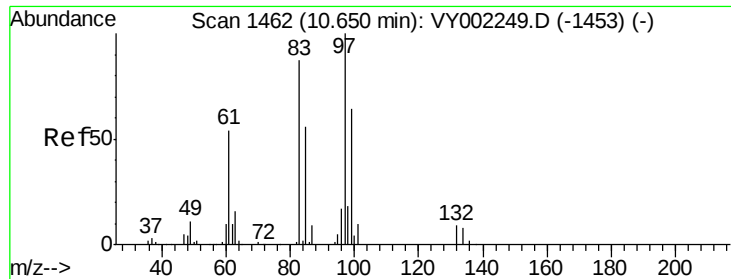
Ion Ratio Lower Upper

75 100

77 33.0 25.8 38.8

39 40.2 30.8 46.2

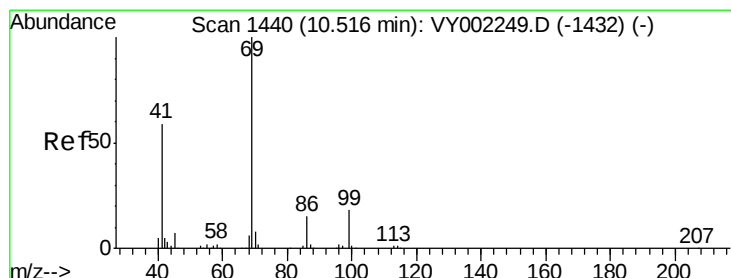
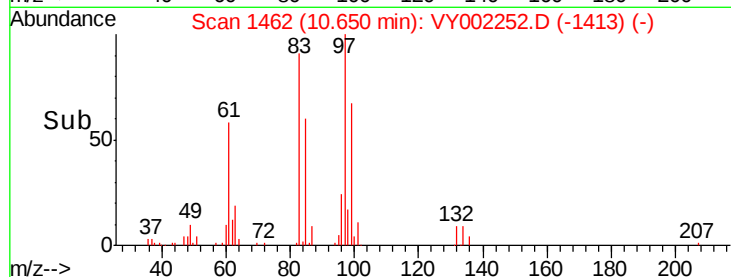
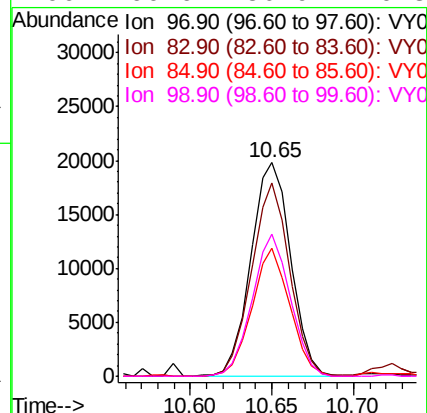
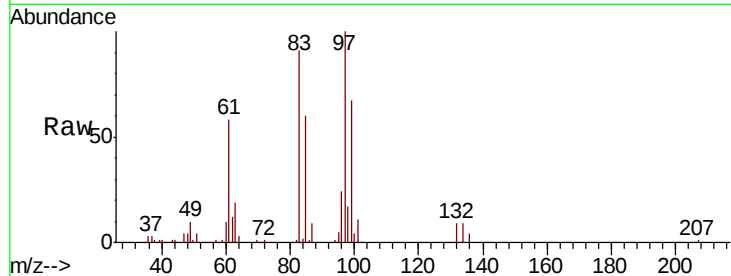




#55
 1,1,2-Trichloroethane
 Concen: 20.336 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

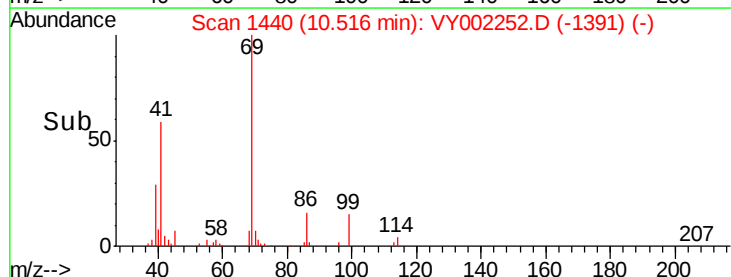
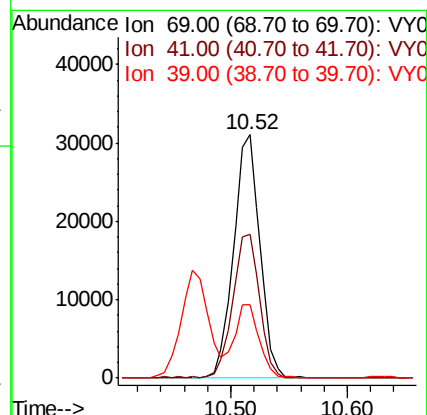
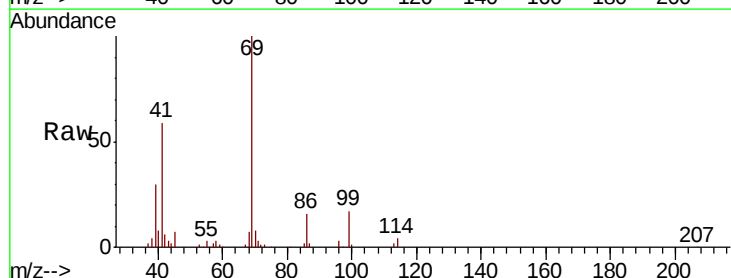
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

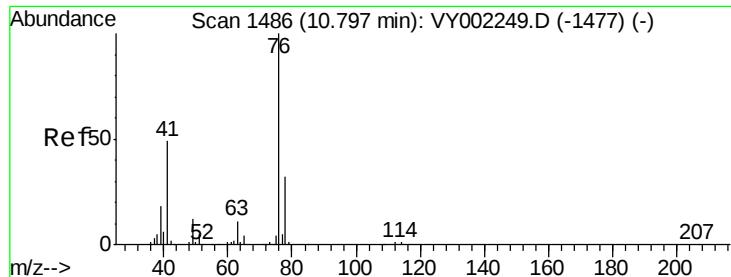
Tot Ion	97	Resp	33586
Ion	Ratio	Lower	Upper
97	100		
83	90.7	69.5	104.3
85	59.7	45.2	67.8
99	66.6	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 20.656 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion	69	Resp	48691
Ion	Ratio	Lower	Upper
69	100		
41	61.2	47.9	71.9
39	29.0	23.8	35.6

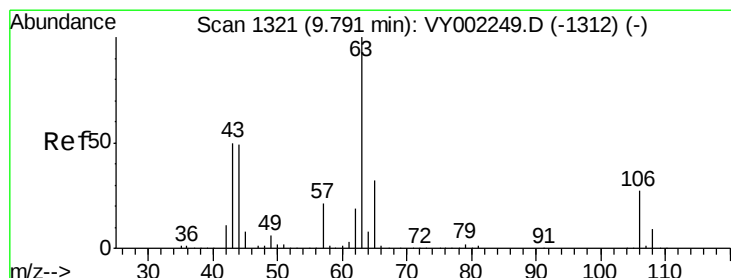
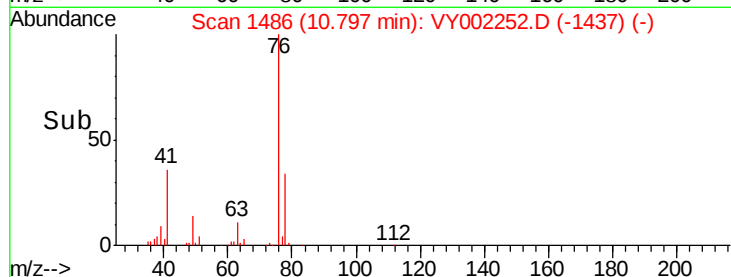
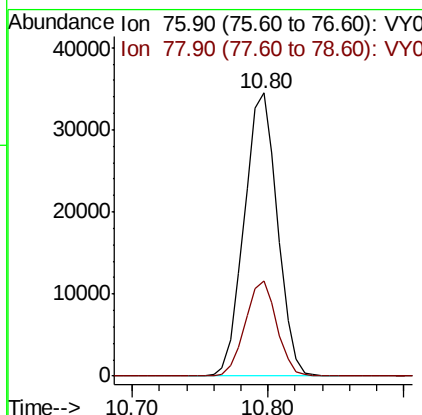
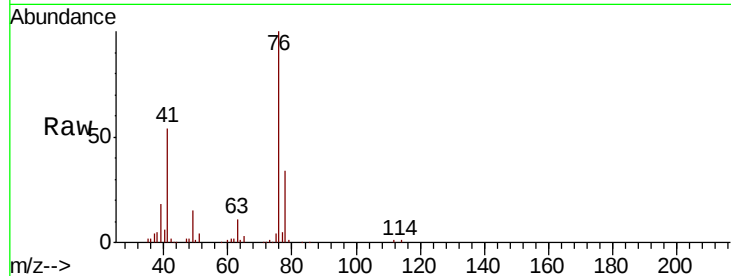




#57
 1,3-Dichloropropane
 Concen: 20.269 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

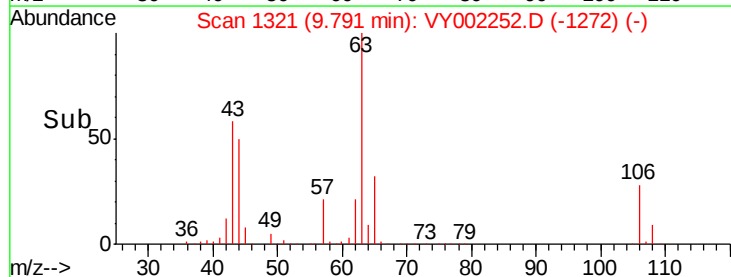
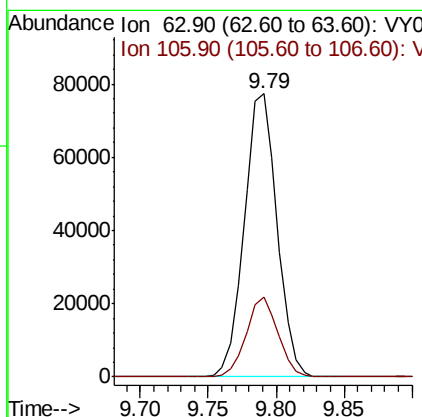
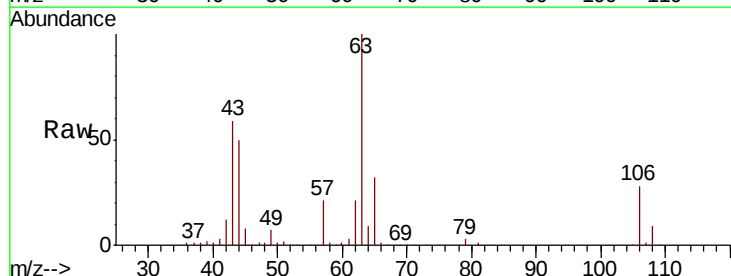
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

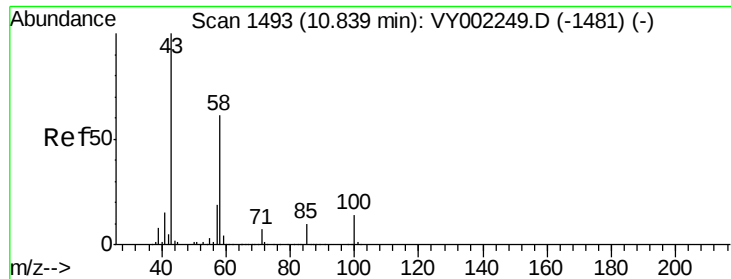
Tot Ion: 76 Resp: 58841
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.887 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion: 63 Resp: 130475
 Ion Ratio Lower Upper
 63 100
 106 27.4 22.2 33.2

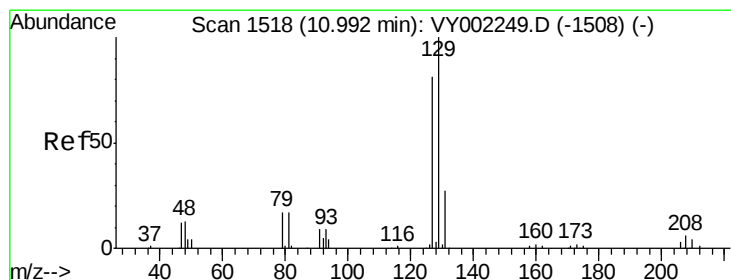
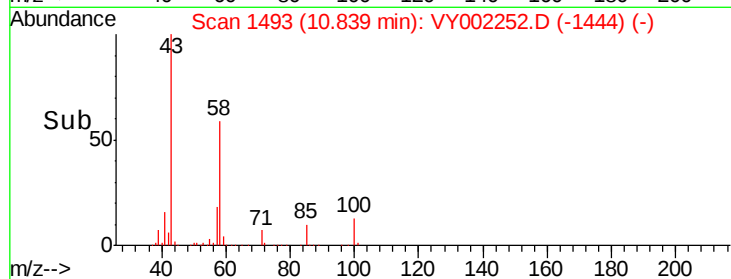
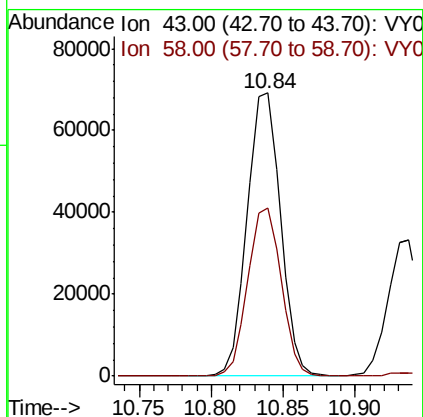
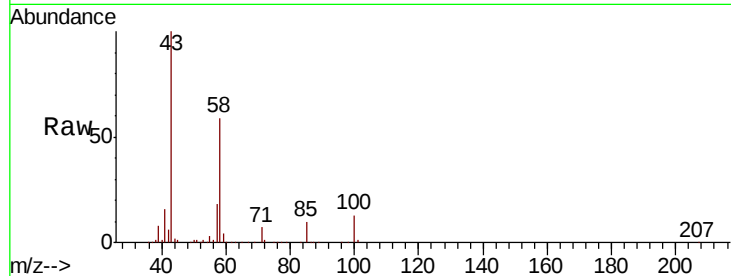




#59
2-Hexanone
Concen: 102.931 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

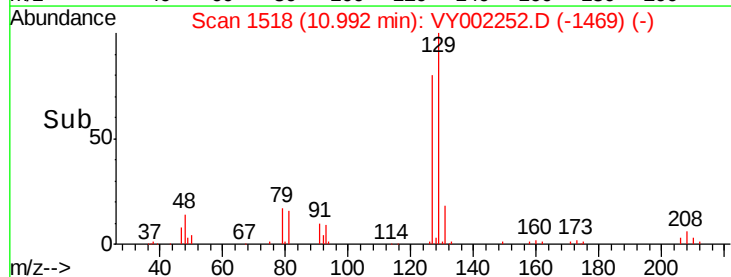
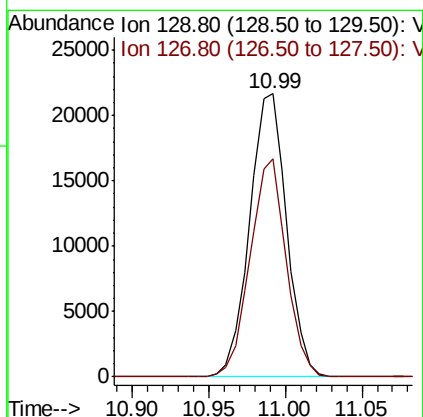
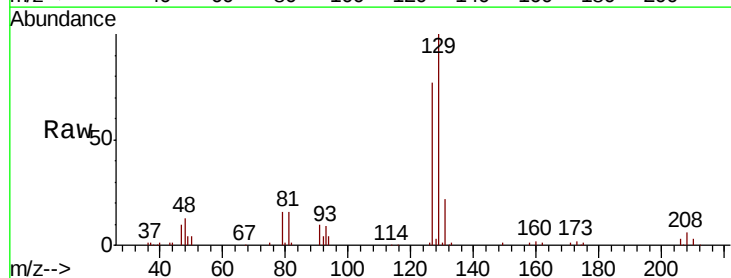
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

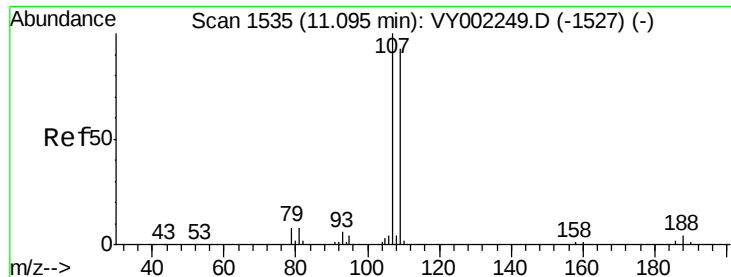
Tot Ion: 43 Resp: 111158
Ion Ratio Lower Upper
43 100
58 59.4 29.8 89.3



#60
Dibromochloromethane
Concen: 20.687 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion: 129 Resp: 36431
Ion Ratio Lower Upper
129 100
127 75.2 39.0 117.0

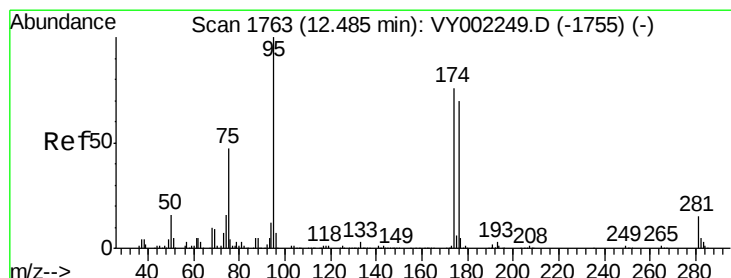
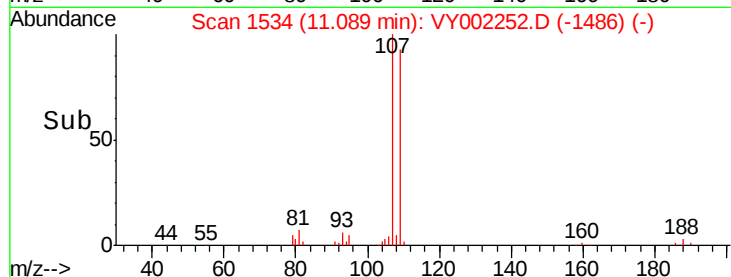
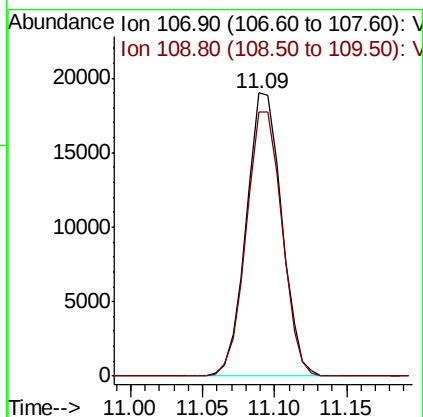
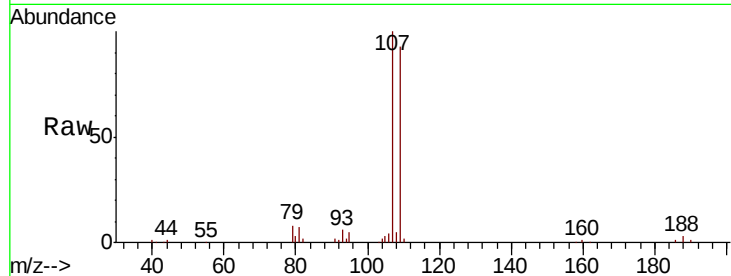




#61
 1,2-Dibromoethane
 Concen: 20.531 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

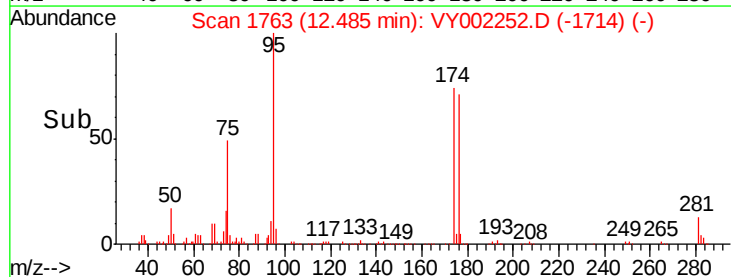
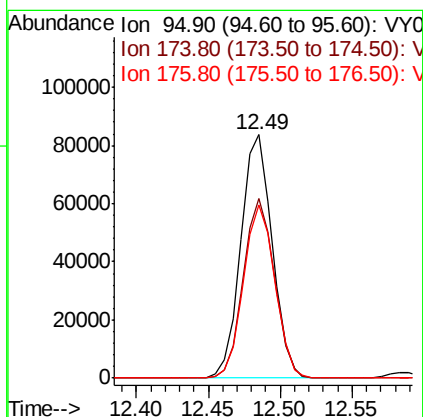
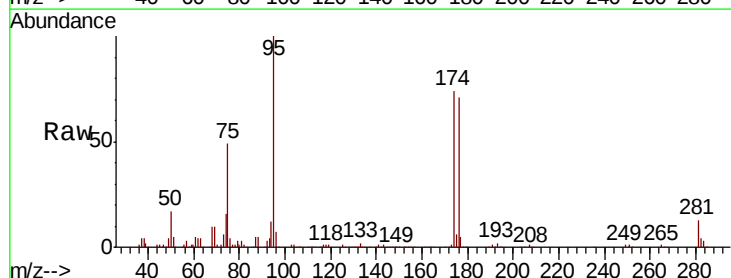
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

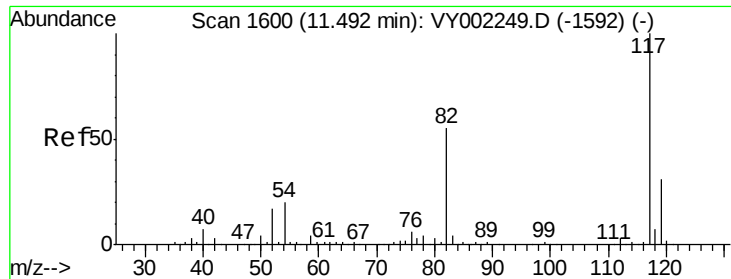
Tot Ion: 107 Resp: 32282
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 52.671 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion: 95 Resp: 125931
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 150.6
 176 71.3 0.0 141.4

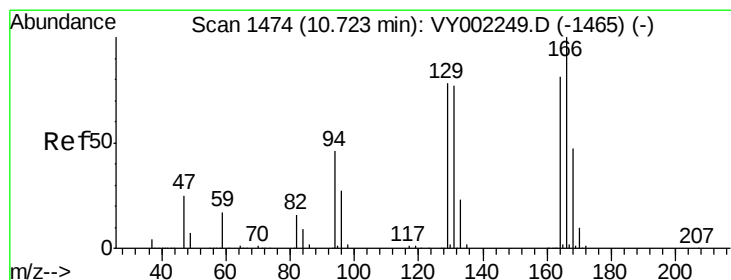
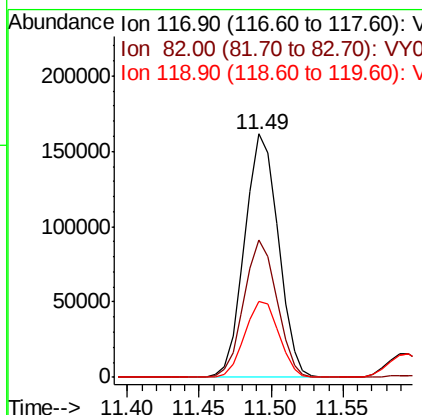
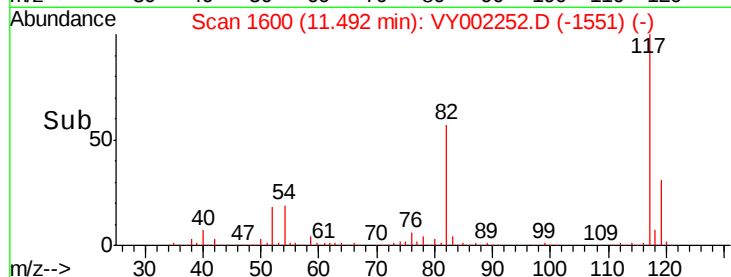
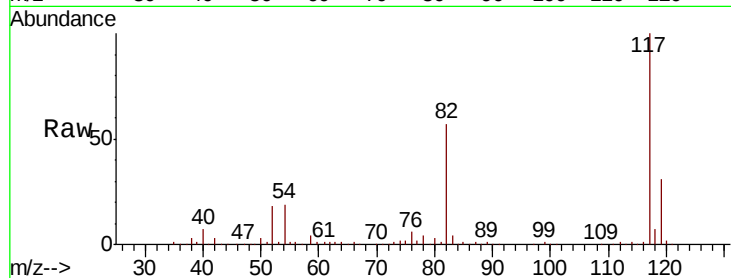




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

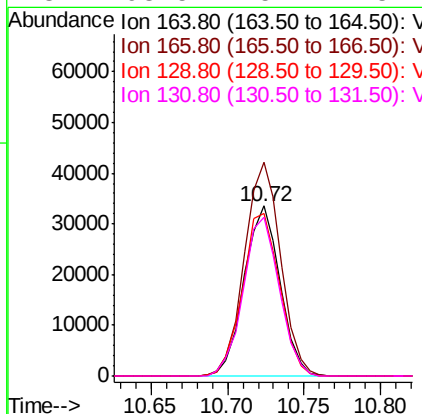
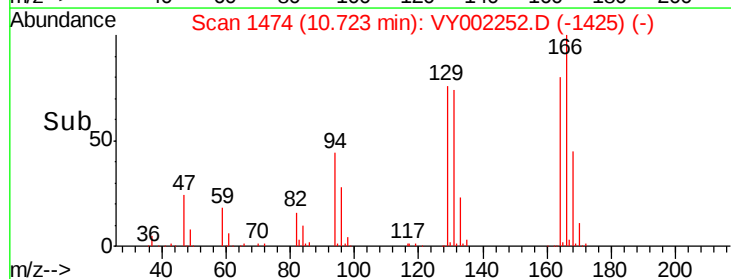
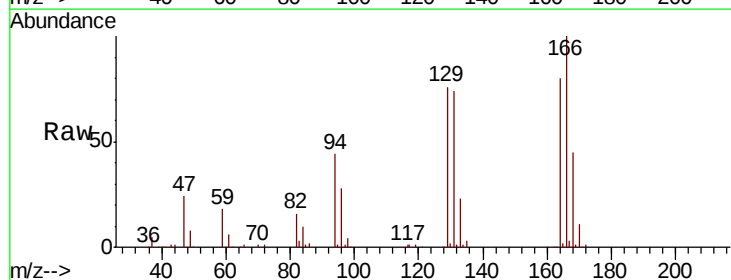
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

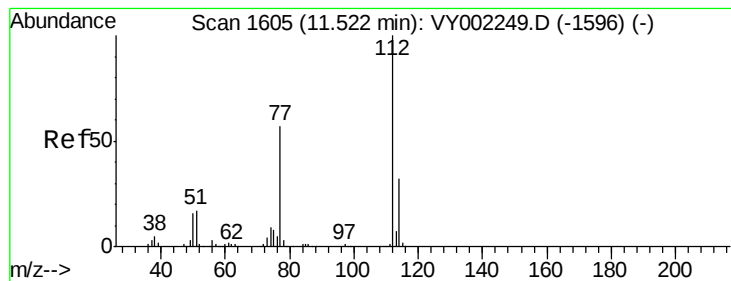
Tot Ion:117 Resp: 261229
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.4
119 31.3 25.1 37.7



#64
Tetrachloroethene
Concen: 20.727 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion:164 Resp: 54741
Ion Ratio Lower Upper
164 100
166 125.8 98.4 147.6
129 96.1 76.6 115.0
131 93.5 75.4 113.2





#65

Chlorobenzene

Concen: 20.686 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

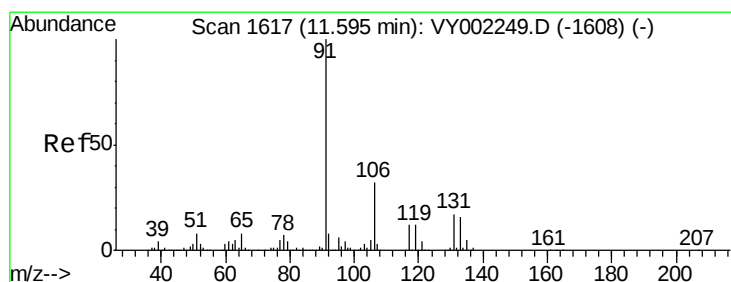
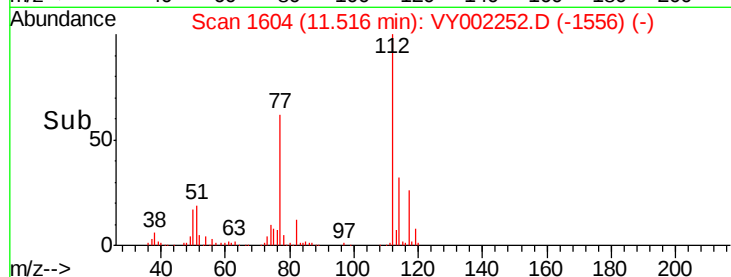
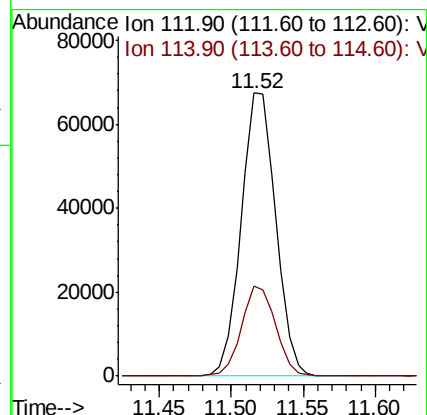
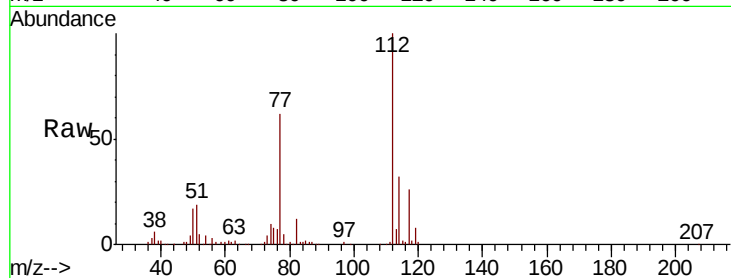
VY0408SBS01

Tot Ion:112 Resp: 112330

Ion Ratio Lower Upper

112 100

114 31.9 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.215 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

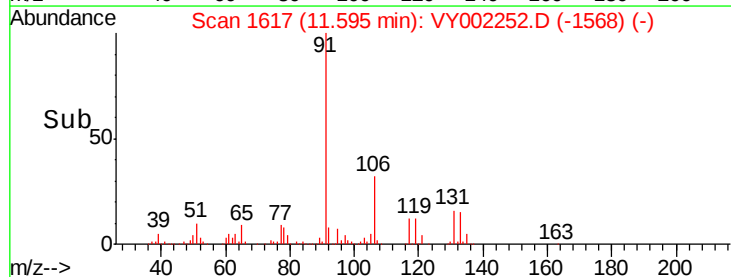
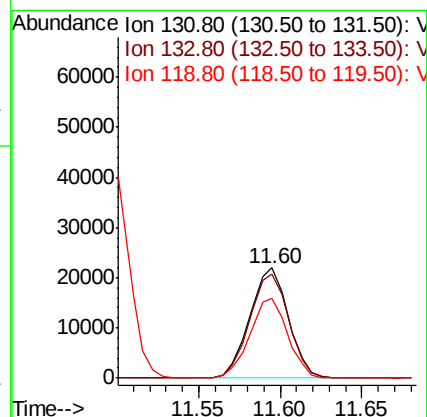
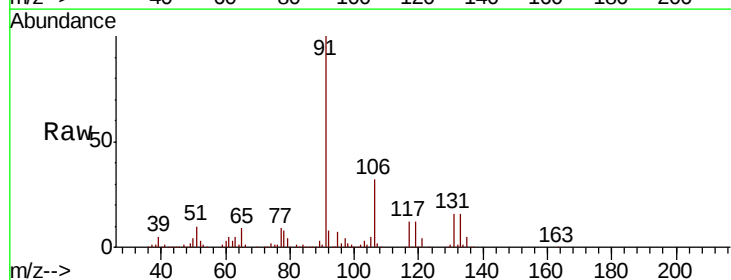
Tgt Ion:131 Resp: 36242

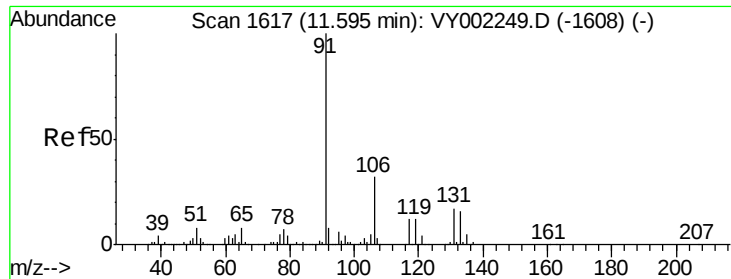
Ion Ratio Lower Upper

131 100

133 95.9 46.5 139.3

119 70.9 34.5 103.6

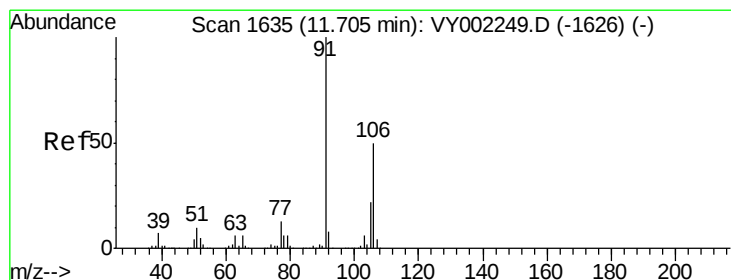
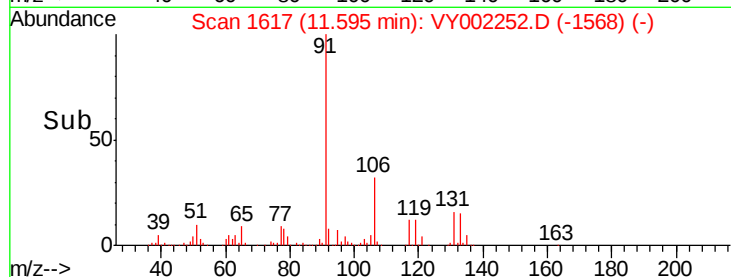
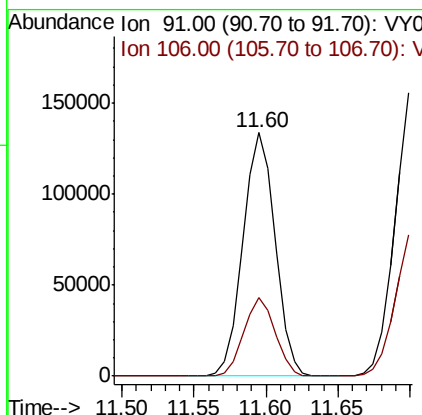
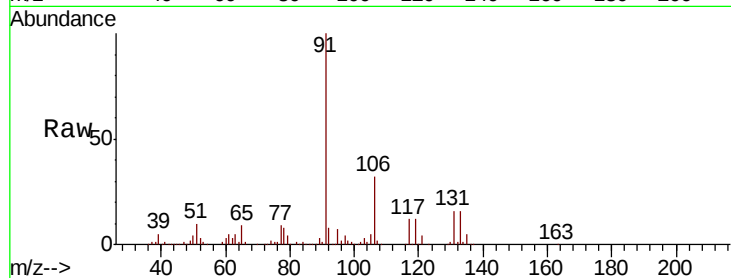




#67
Ethyl Benzene
Concen: 20.763 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

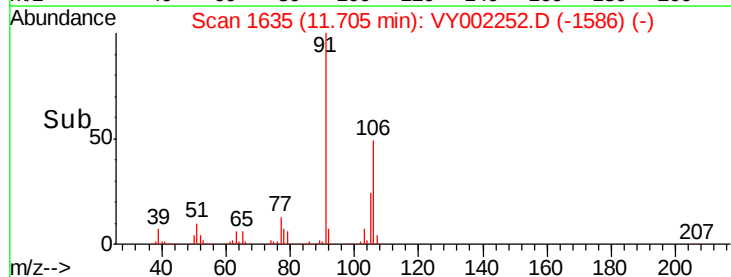
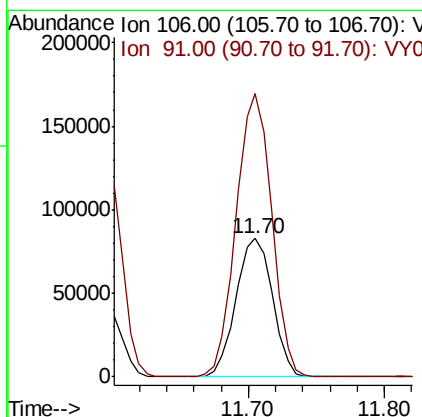
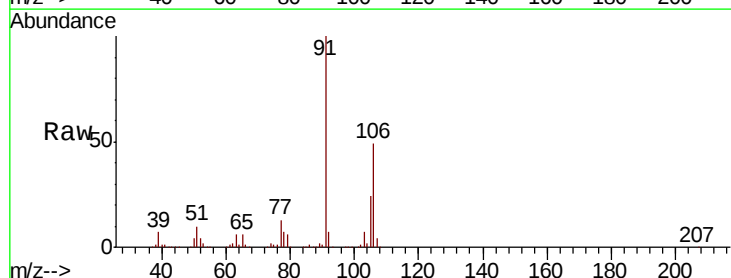
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

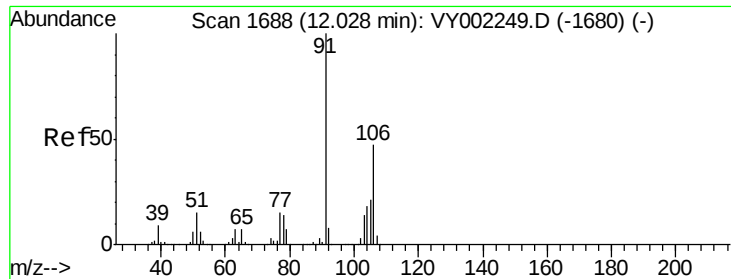
Tot Ion: 91 Resp: 206401
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.0



#68
m/p-Xylenes
Concen: 41.732 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion: 106 Resp: 155382
Ion Ratio Lower Upper
106 100
91 199.9 159.8 239.6

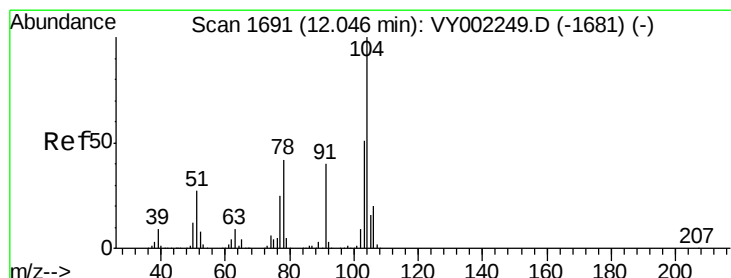
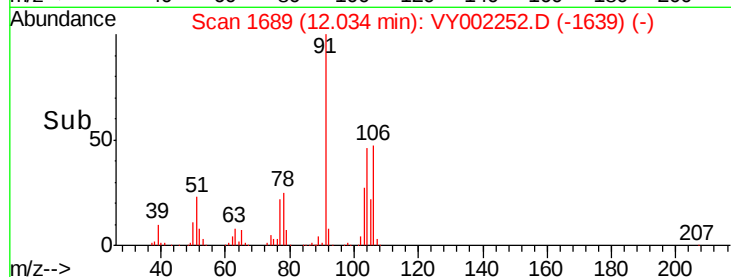
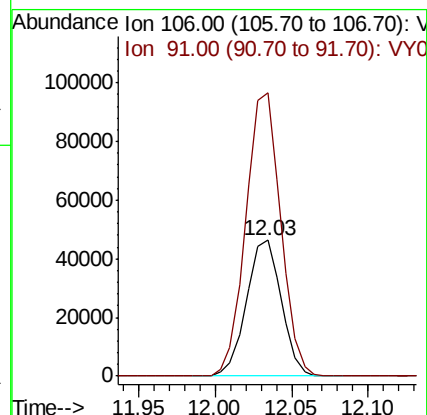
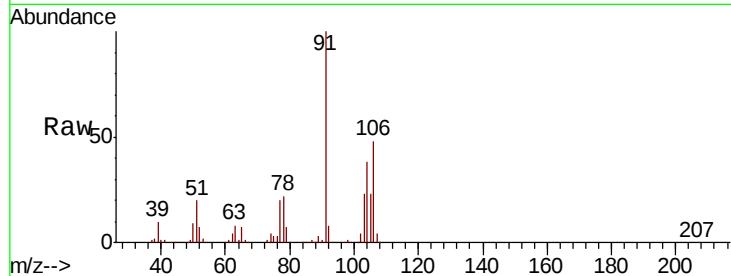




#69
o-Xylene
Concen: 20.930 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

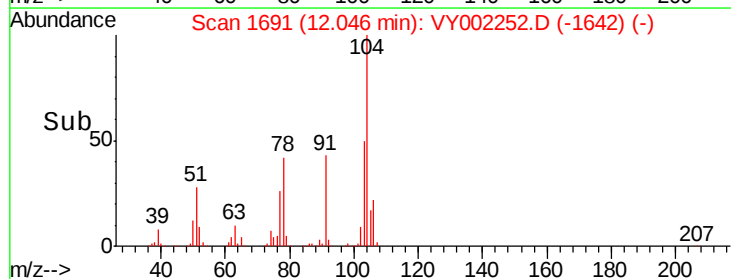
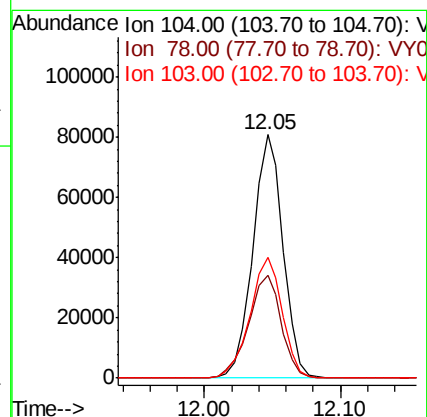
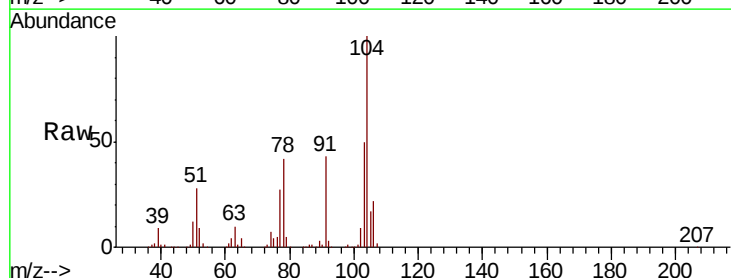
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

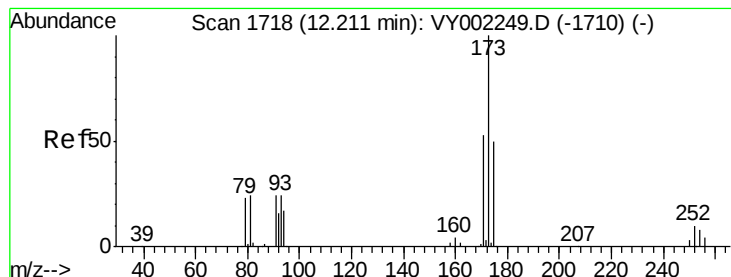
Tot Ion:106 Resp: 73164
Ion Ratio Lower Upper
106 100
91 209.4 105.8 317.3



#70
Styrene
Concen: 20.632 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion:104 Resp: 125125
Ion Ratio Lower Upper
104 100
78 45.9 37.2 55.8
103 53.2 43.4 65.0





#71

Bromoform

Concen: 20.594 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

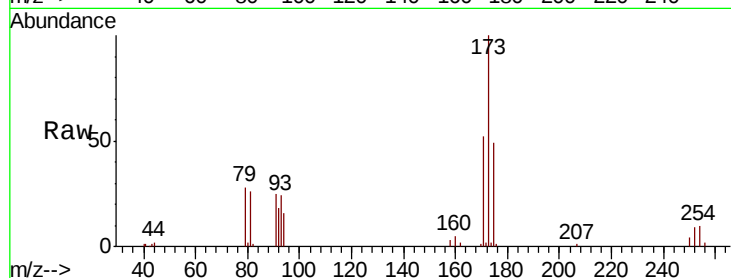
Tot Ion:173 Resp: 20078

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.3

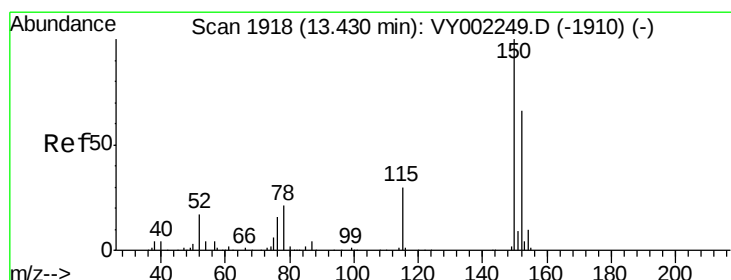
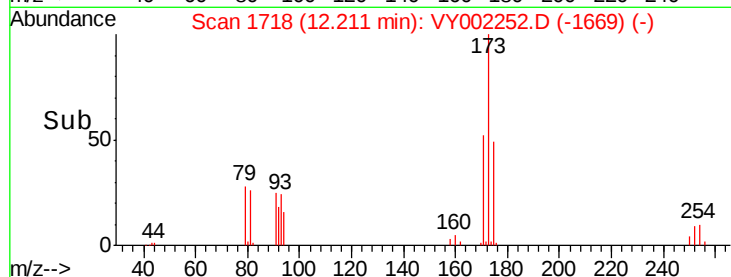
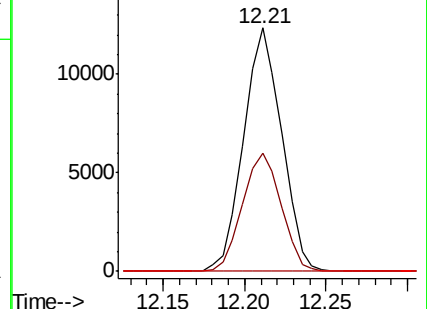
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

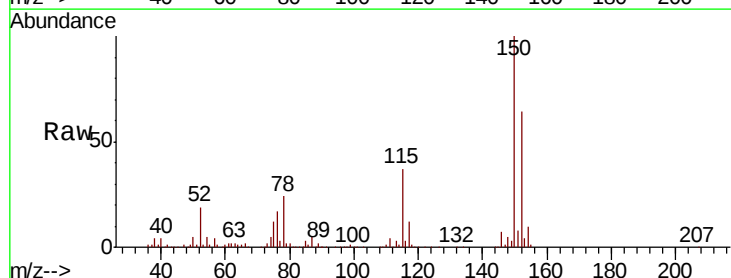
Tgt Ion:152 Resp: 122699

Ion Ratio Lower Upper

152 100

115 59.0 30.7 92.1

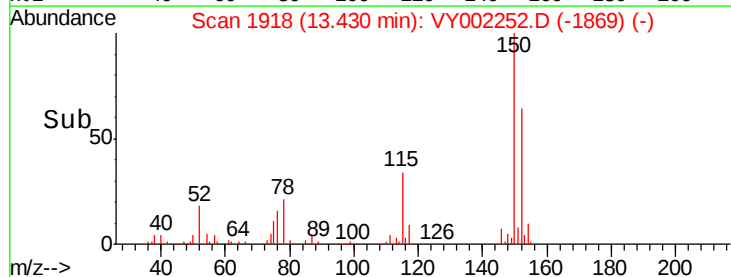
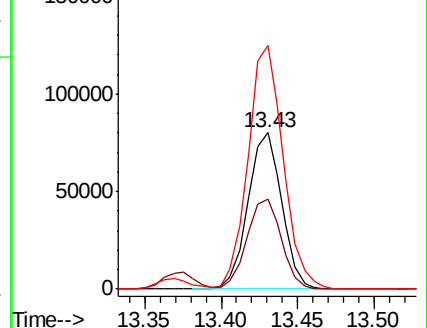
150 162.3 0.0 350.6

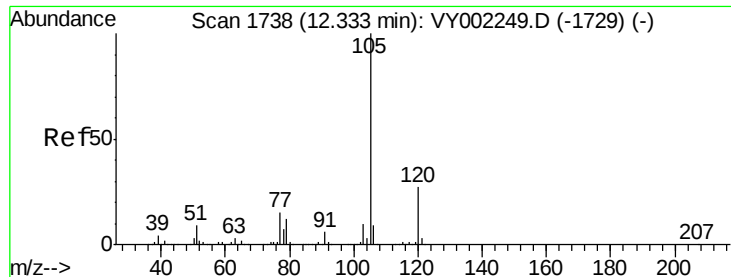


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

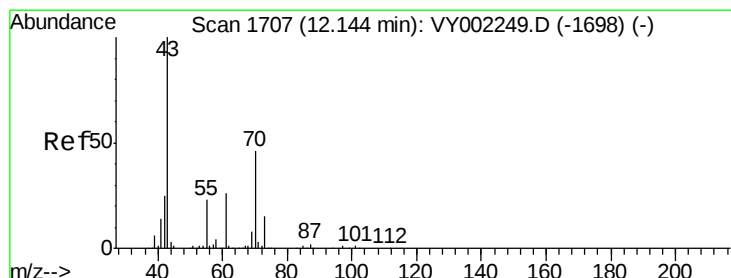
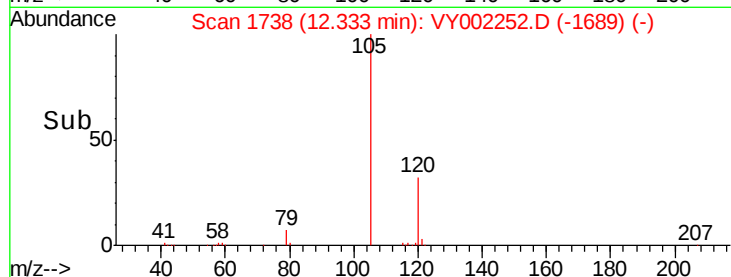
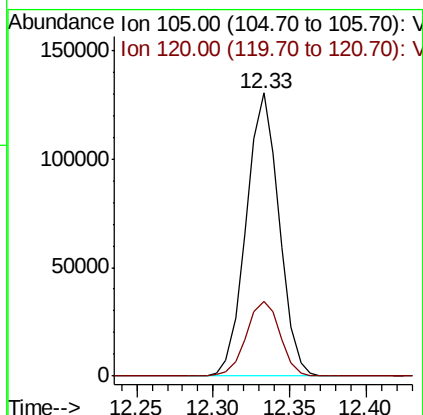
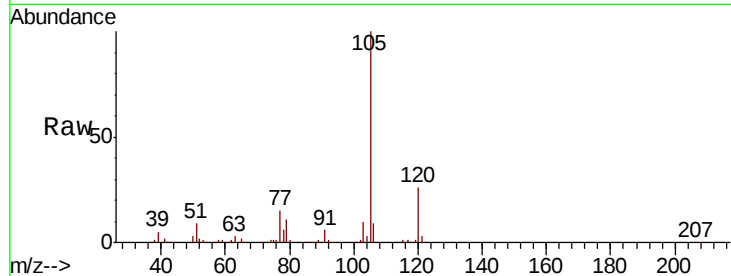




#73
Isopropylbenzene
Concen: 20.225 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

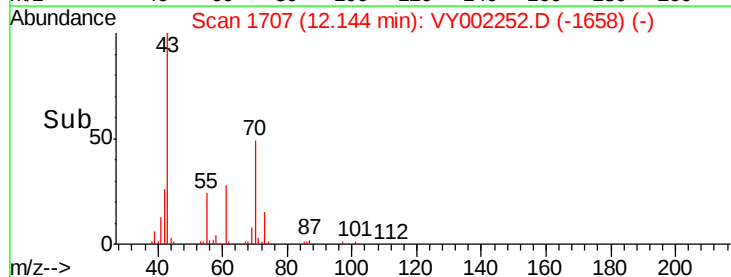
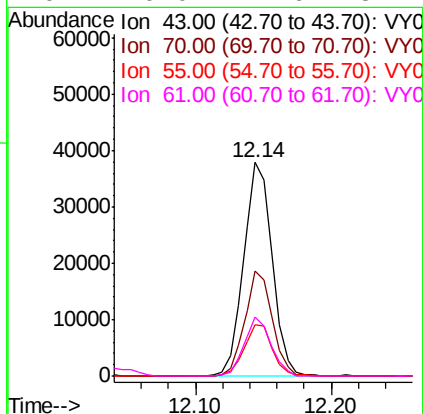
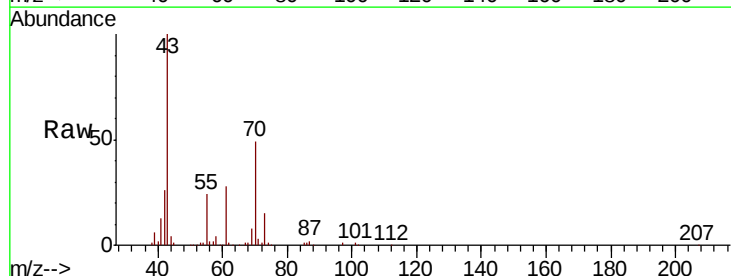
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

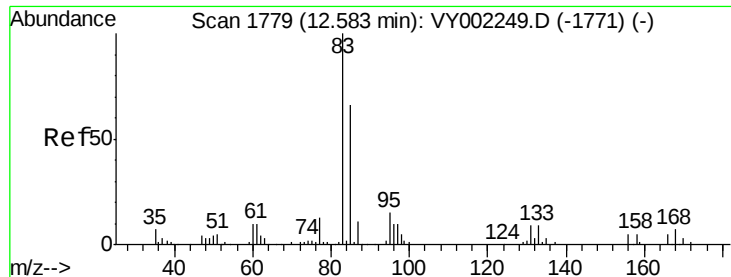
Tot Ion:105 Resp: 194956
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.8



#74
N-ethyl acetate
Concen: 20.293 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion: 43 Resp: 55527
Ion Ratio Lower Upper
43 100
70 47.2 37.5 56.3
55 23.9 19.0 28.6
61 26.0 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.528 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

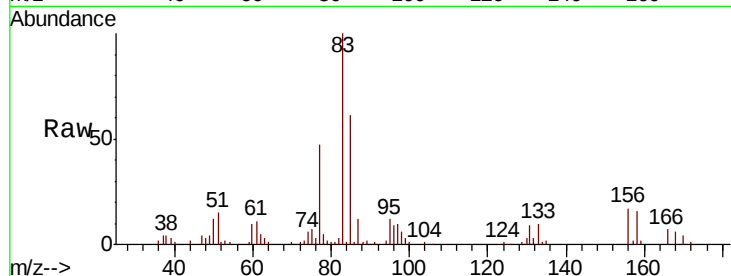
Tot Ion: 83 Resp: 23941

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

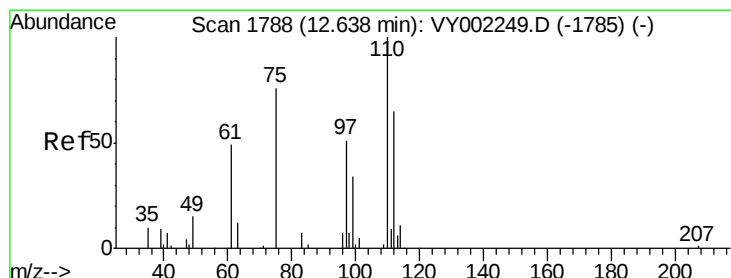
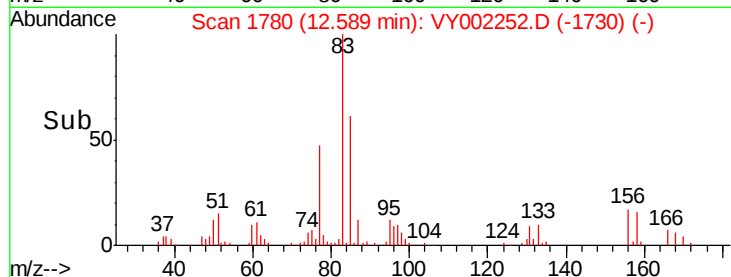
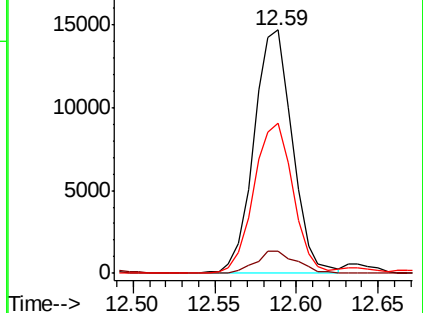
85 62.9 32.6 97.8



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: 37.078 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002252.D

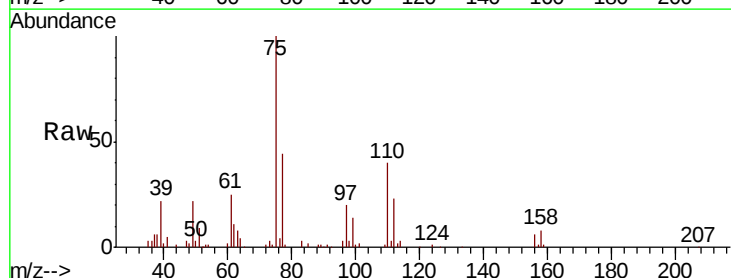
Acq: 08 Apr 2020 16:12

Tgt Ion: 75 Resp: 52829

Ion Ratio Lower Upper

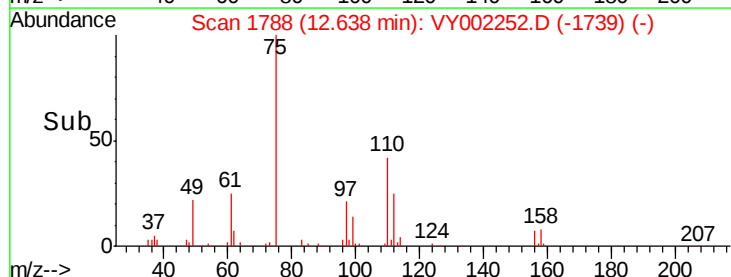
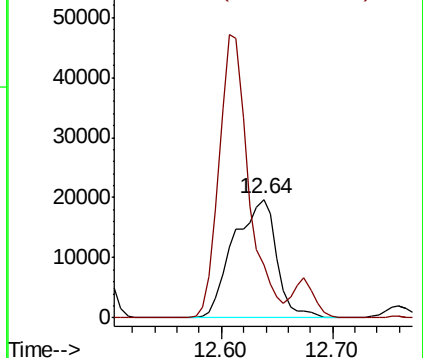
75 100

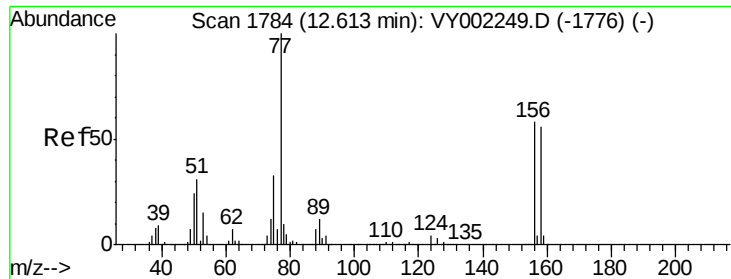
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.200 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

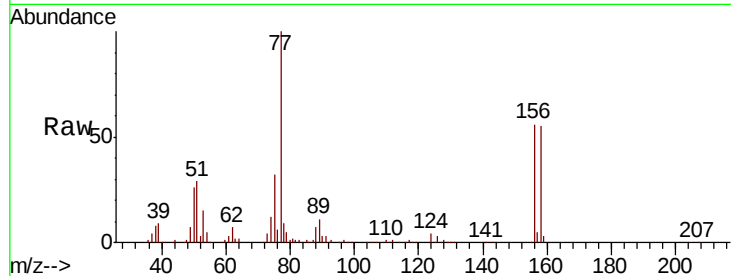
Tot Ion:156 Resp: 42839

Ion Ratio Lower Upper

156 100

77 204.1 101.3 303.9

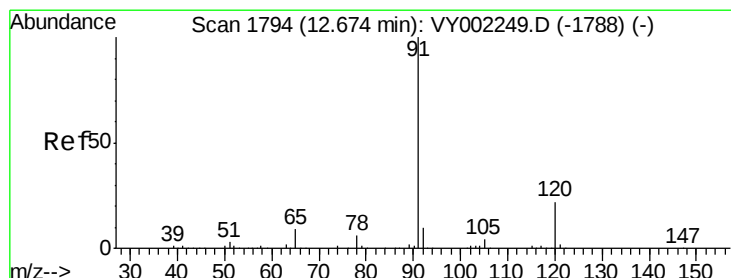
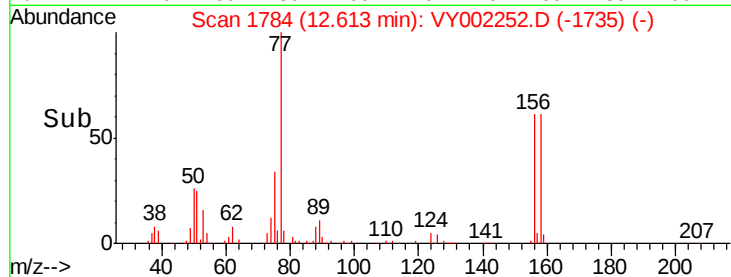
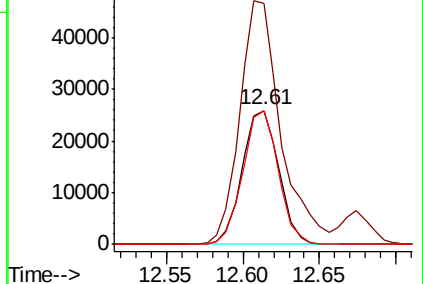
158 96.8 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.263 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY002252.D

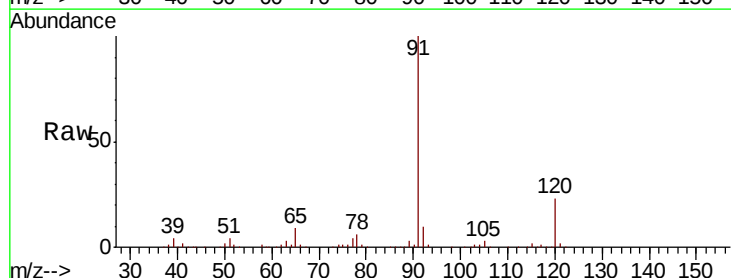
Acq: 08 Apr 2020 16:12

Tgt Ion: 91 Resp: 242923

Ion Ratio Lower Upper

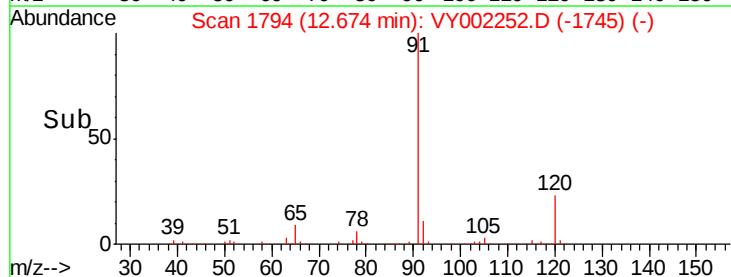
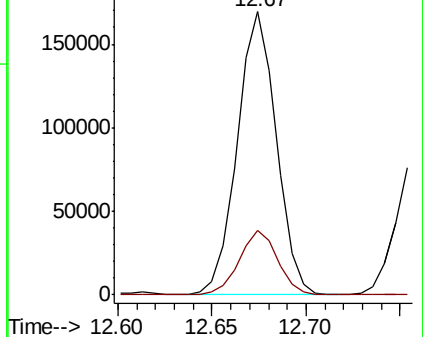
91 100

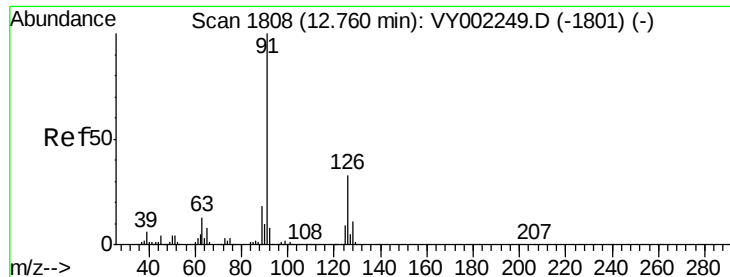
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

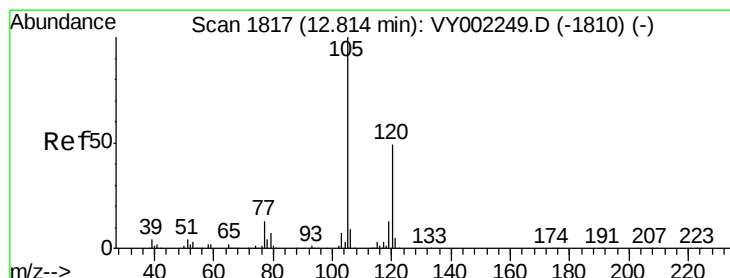
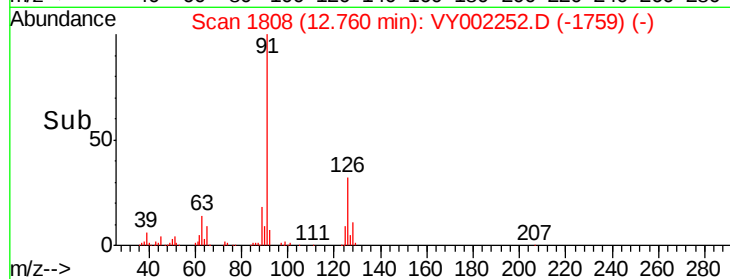
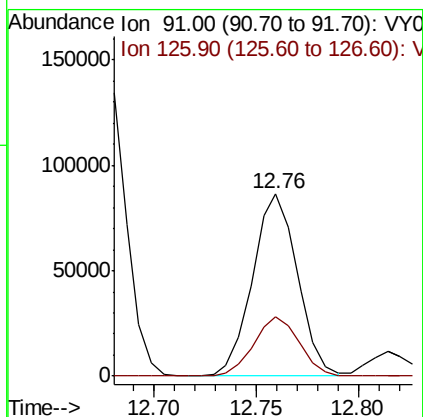
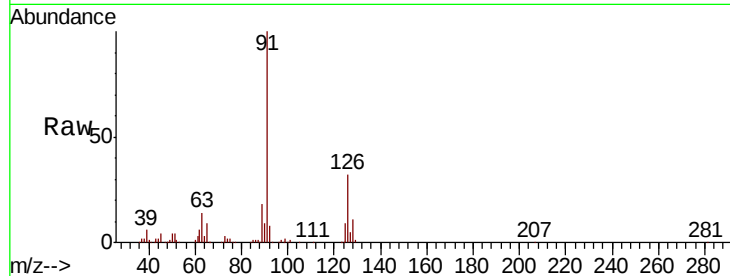




#79
 2-Chlorotoluene
 Concen: 20.420 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

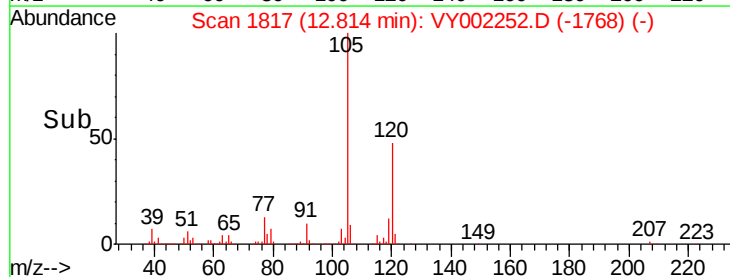
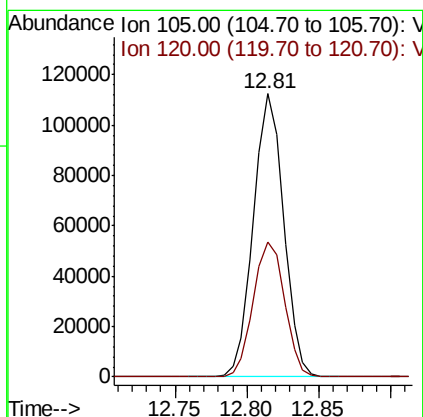
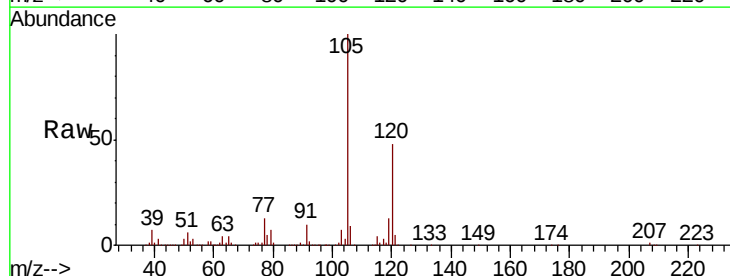
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

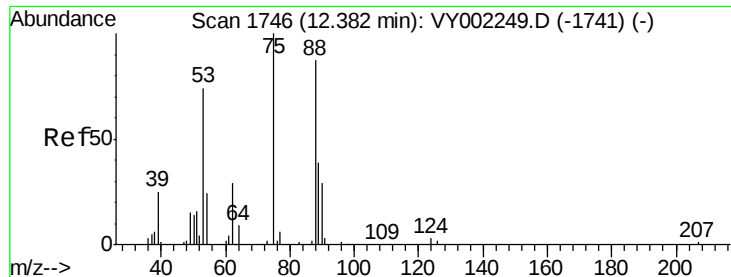
Tot Ion: 91 Resp: 133038
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.443 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion:105 Resp: 162969
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 20.141 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

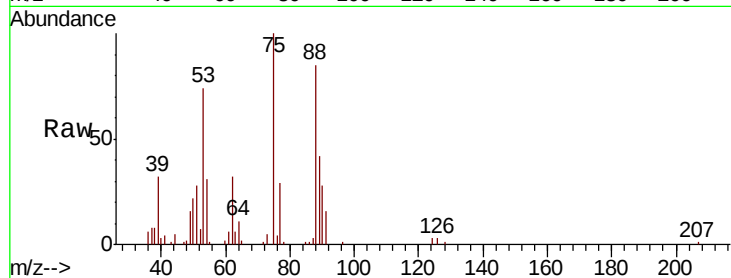
Tot Ion: 75 Resp: 14754

Ion Ratio Lower Upper

75 100

53 78.6 59.8 89.8

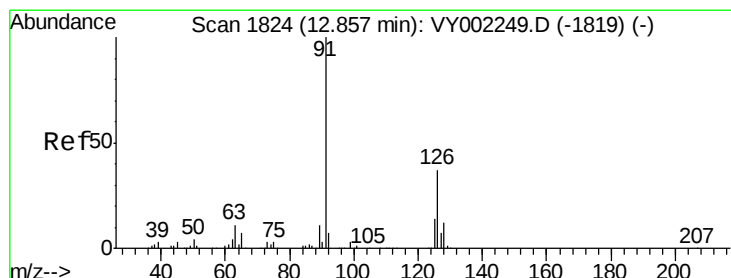
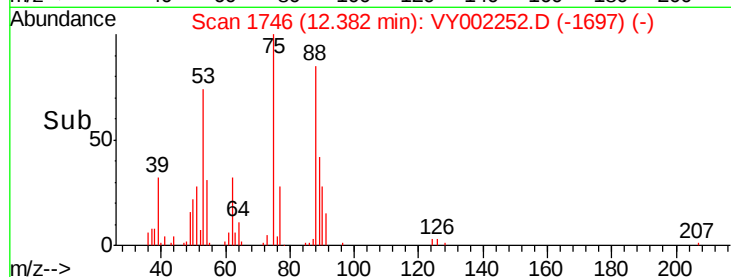
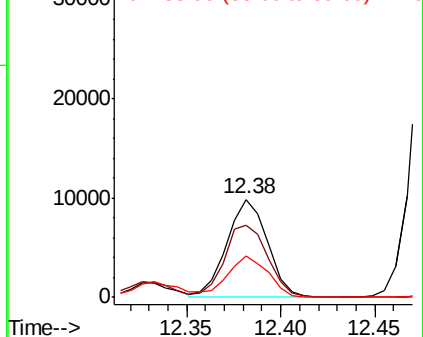
89 43.5 37.0 55.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.338 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY002252.D

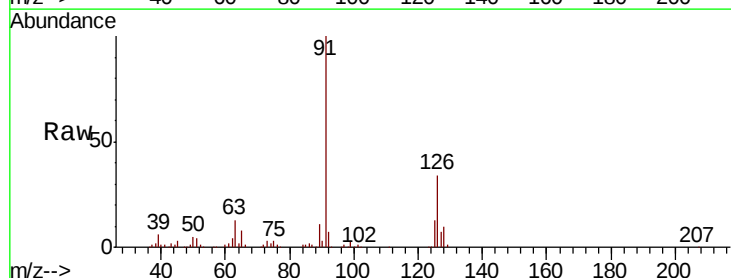
Acq: 08 Apr 2020 16:12

Tgt Ion: 91 Resp: 138882

Ion Ratio Lower Upper

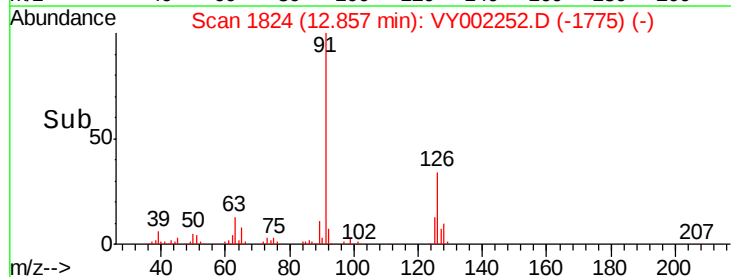
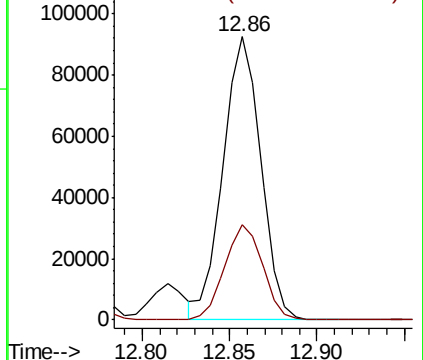
91 100

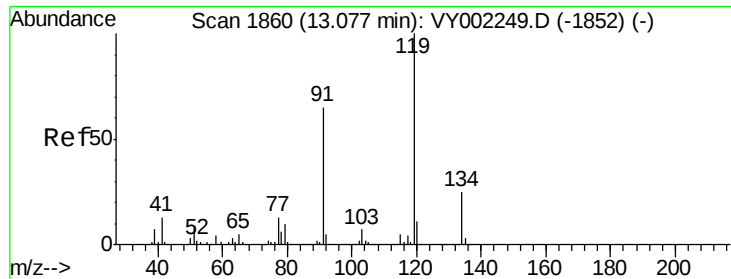
126 34.0 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

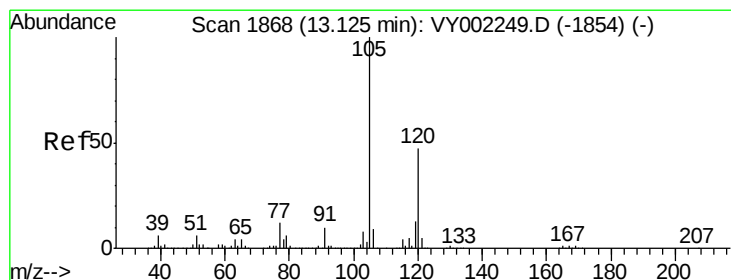
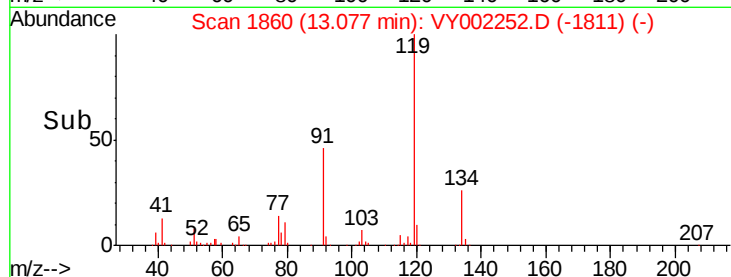
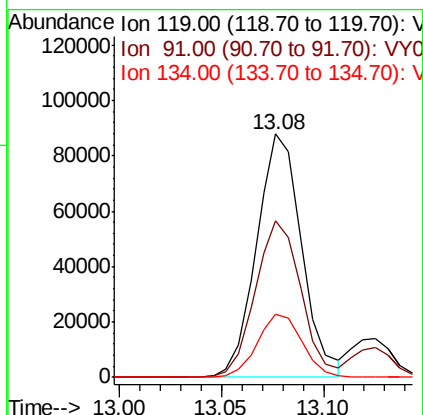
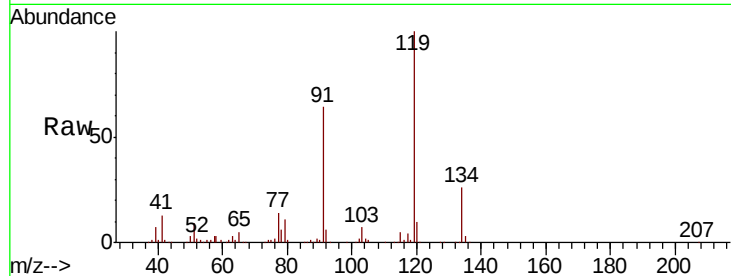




#83
 tert-Butylbenzene
 Concen: 20.281 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

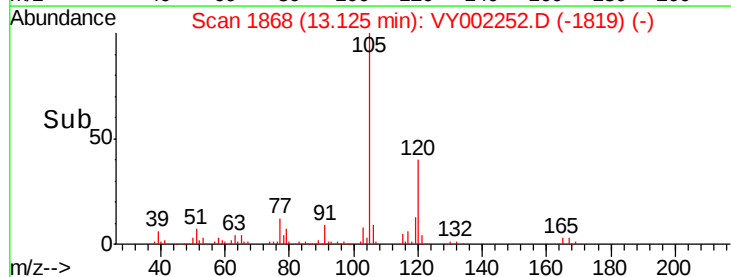
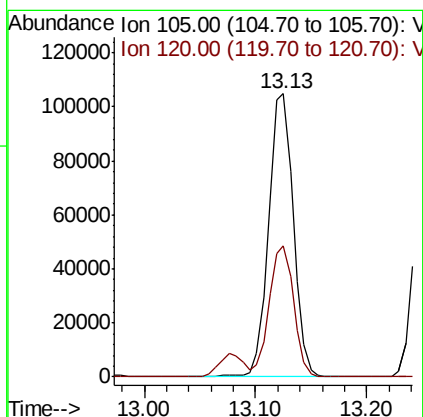
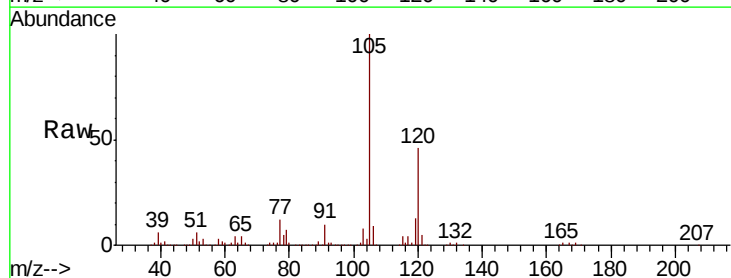
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Tot Ion:119 Resp: 135431
 Ion Ratio Lower Upper
 119 100
 91 65.2 32.4 97.0
 134 26.0 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.422 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion:105 Resp: 162576
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.213 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

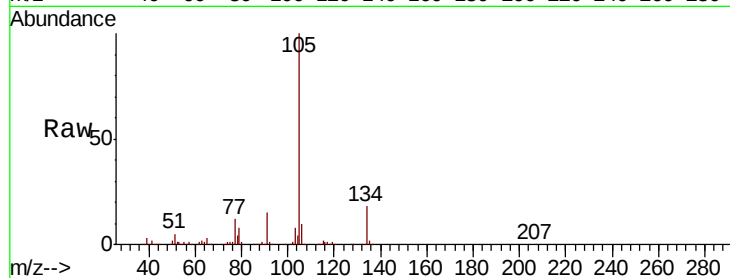
VY0408SBS01

Tot Ion:105 Resp: 201066

Ion Ratio Lower Upper

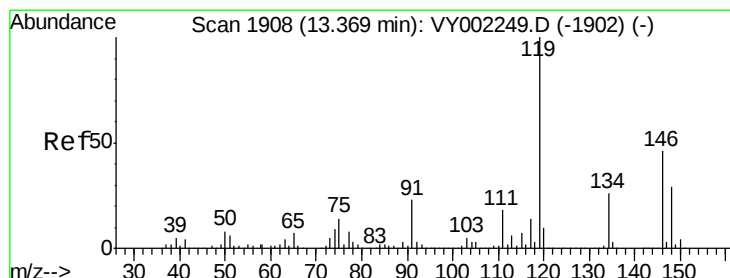
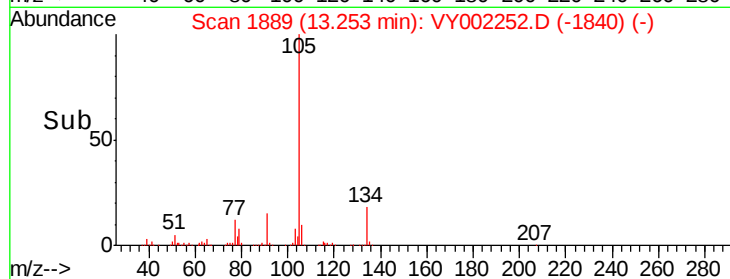
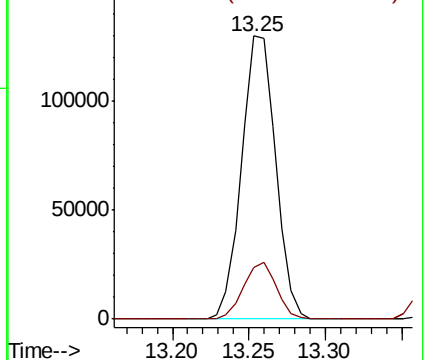
105 100

134 19.3 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.685 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

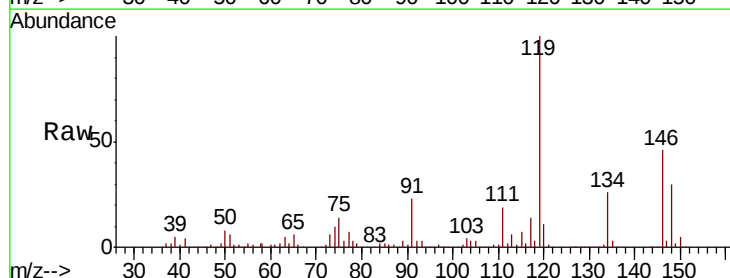
Tgt Ion:119 Resp: 177092

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

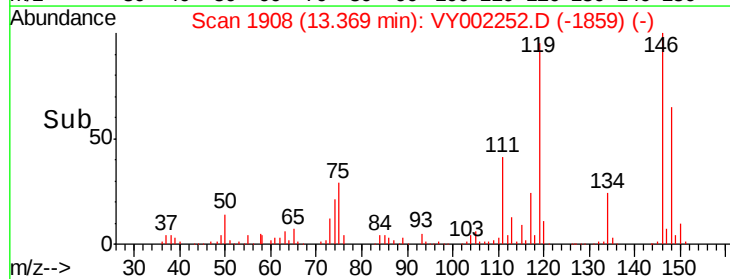
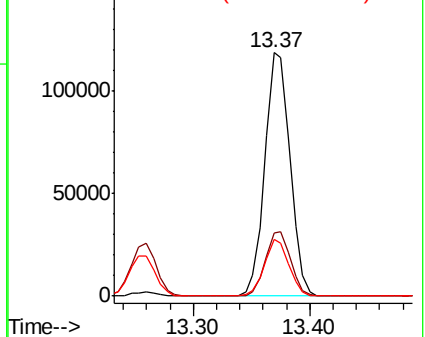
91 22.5 11.5 34.4

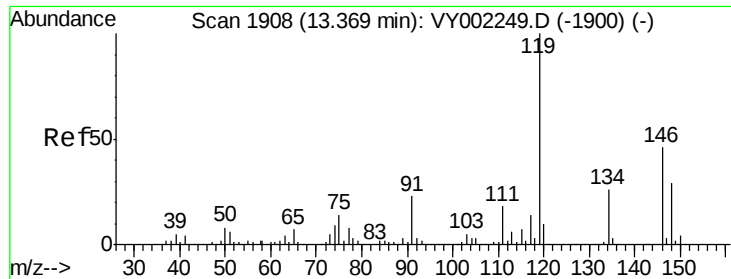


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.197 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

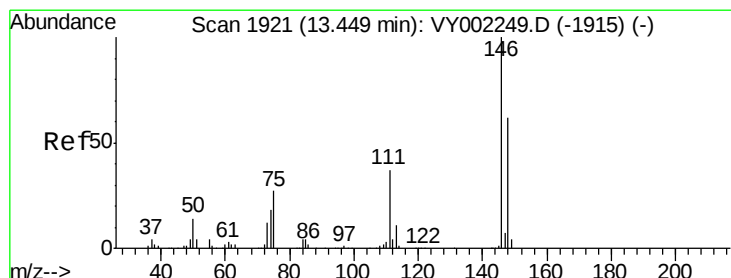
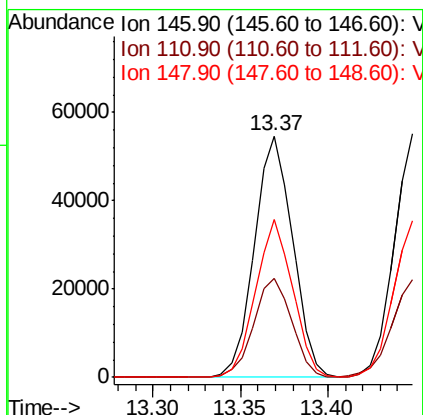
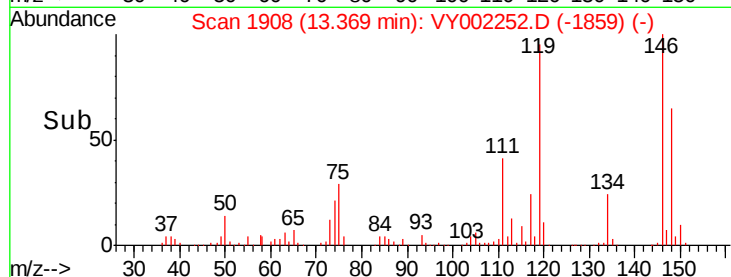
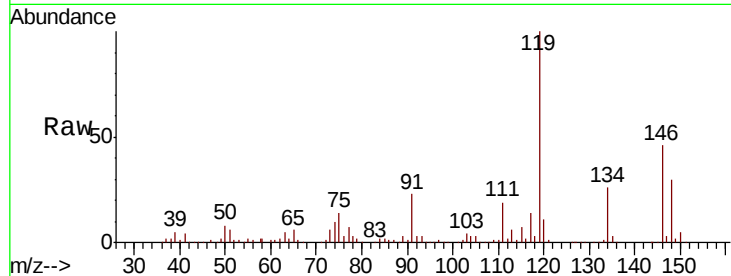
Tot Ion:146 Resp: 83011

Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.8

148 63.3 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 19.791 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

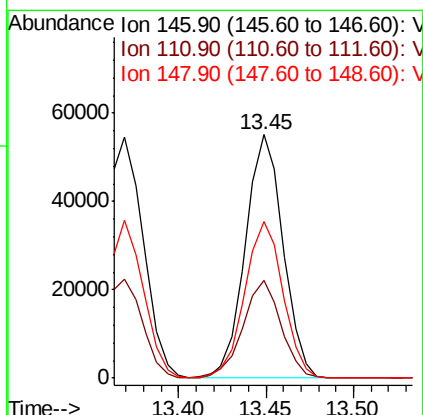
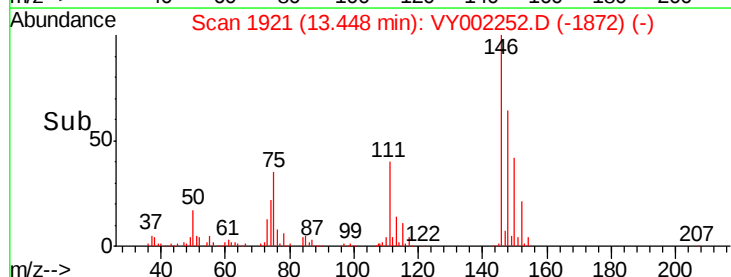
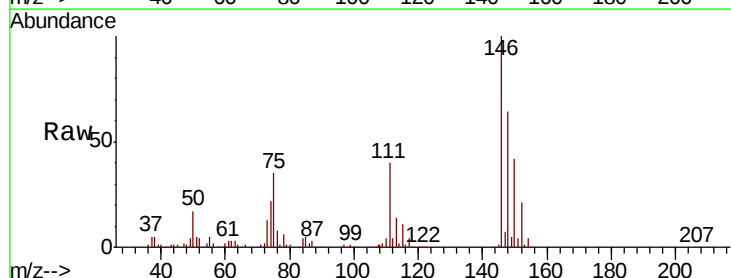
Tgt Ion:146 Resp: 82568

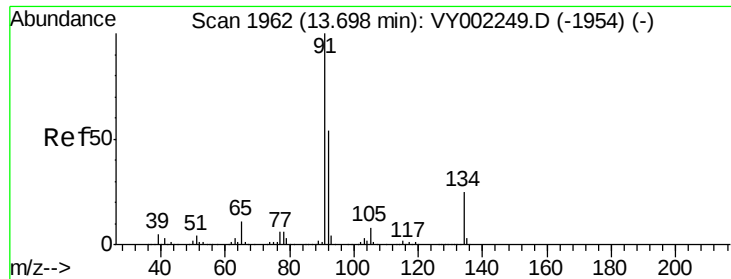
Ion Ratio Lower Upper

146 100

111 40.8 19.6 58.8

148 65.2 32.0 96.0

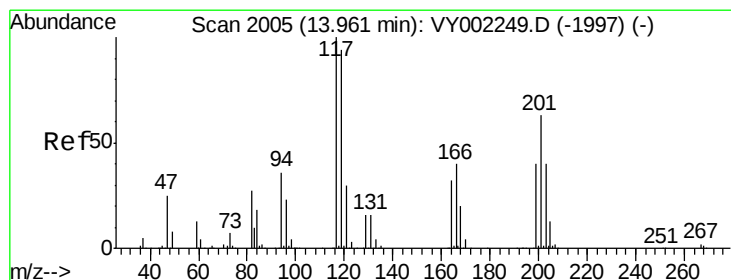
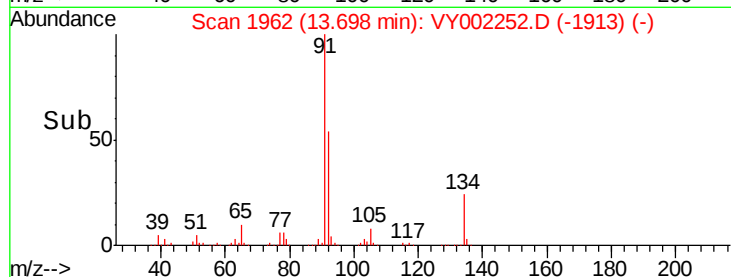
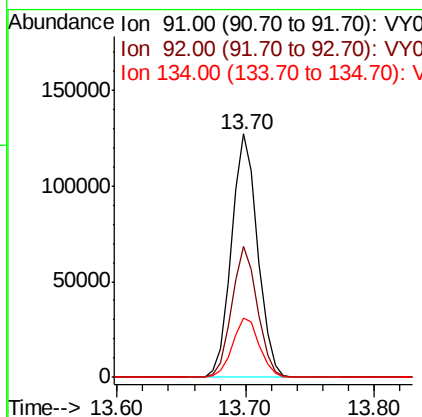
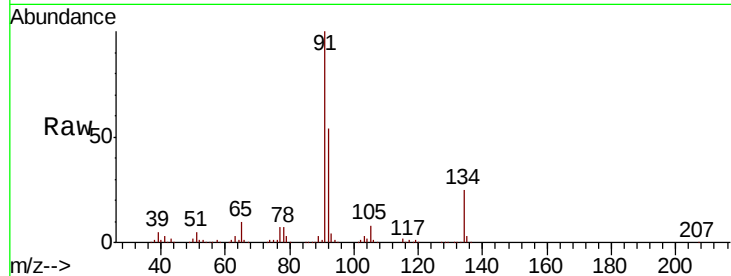




#89
n-Butylbenzene
Concen: 20.497 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

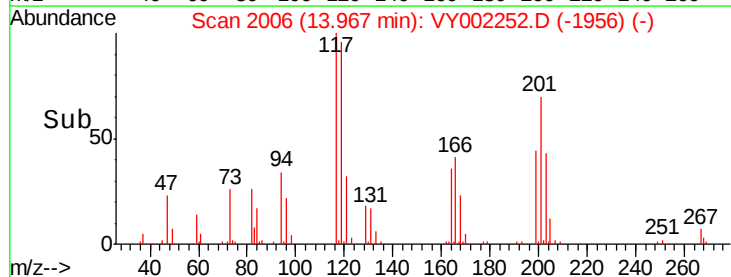
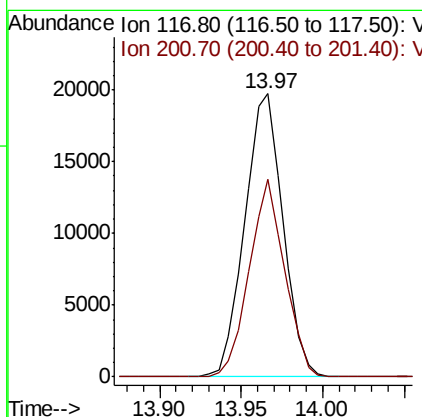
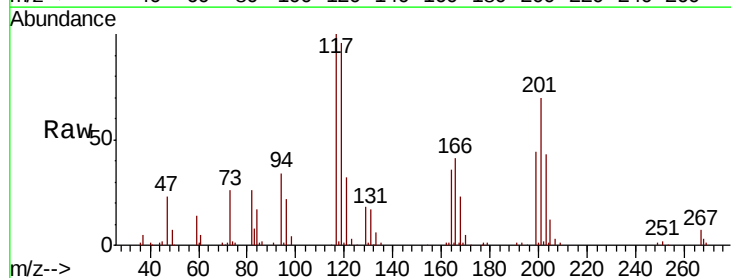
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

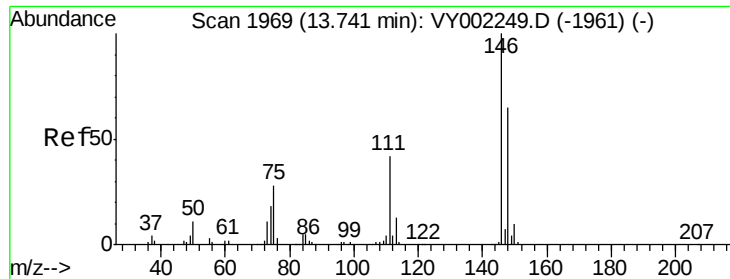
Tot Ion: 91 Resp: 179874
Ion Ratio Lower Upper
91 100
92 52.8 27.2 81.6
134 25.0 12.7 38.0



#90
Hexachloroethane
Concen: 19.700 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion: 117 Resp: 32140
Ion Ratio Lower Upper
117 100
201 64.7 33.1 99.2

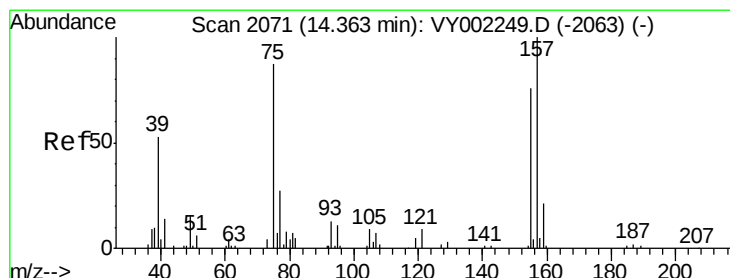
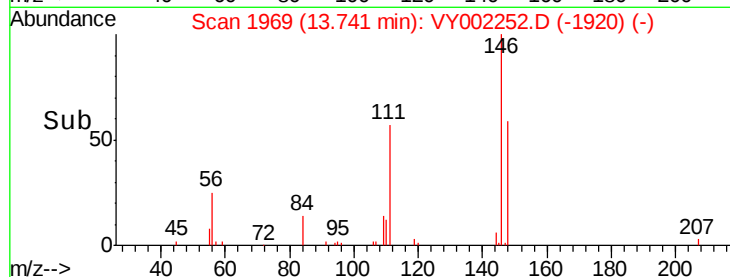
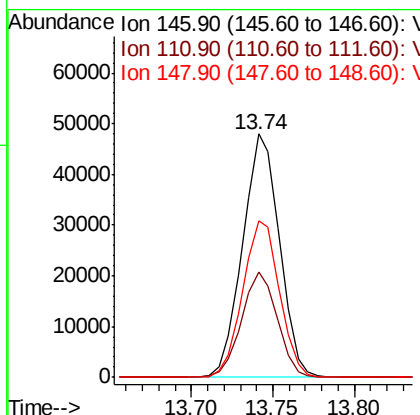
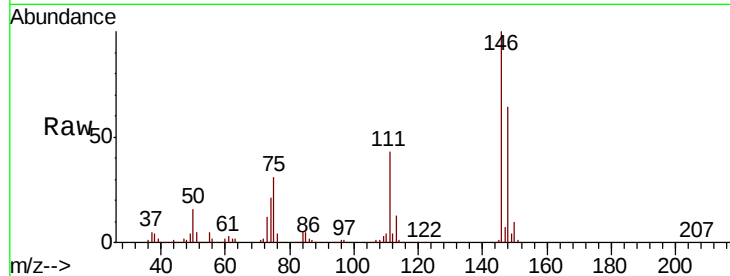




#91
 1,2-Dichlorobenzene
 Concen: 20.222 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

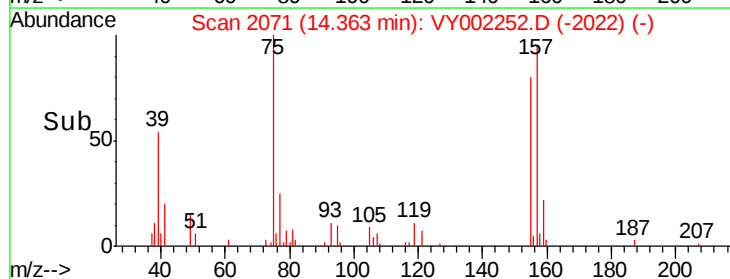
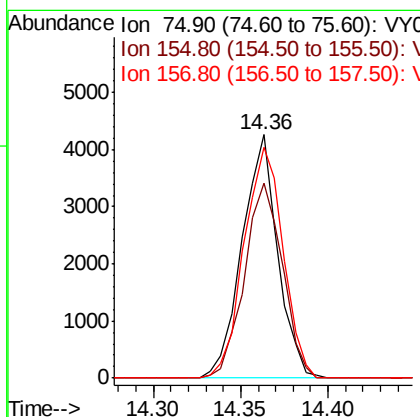
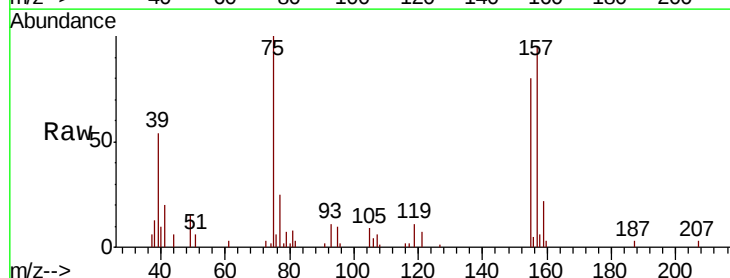
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

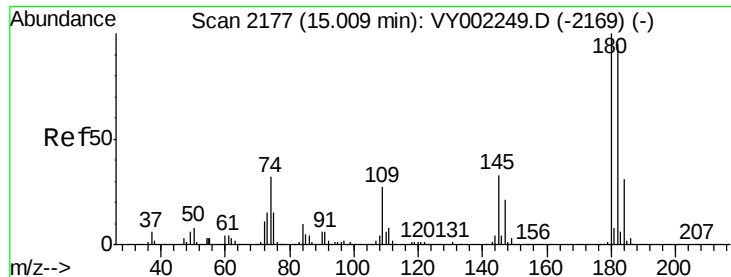
Tot Ion:146 Resp: 75522
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.1
 148 64.0 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.364 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion: 75 Resp: 6026
 Ion Ratio Lower Upper
 75 100
 155 85.6 43.6 130.8
 157 103.9 56.0 168.2

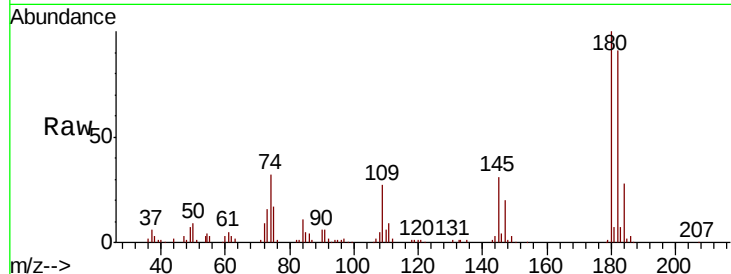




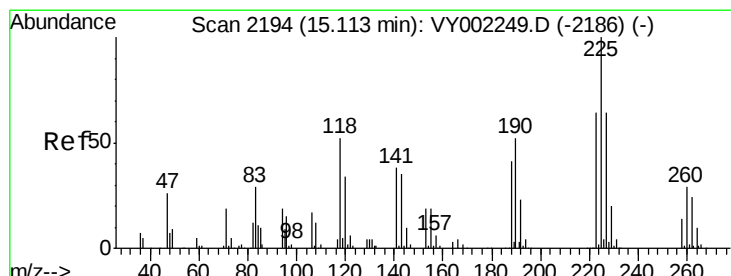
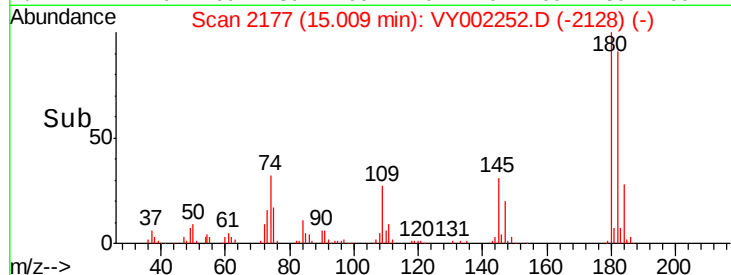
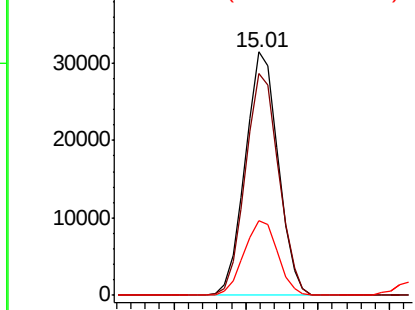
#93
 1,2,4-Trichlorobenzene
 Concen: 20.338 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.9	143.7
145	31.3	16.0	48.0

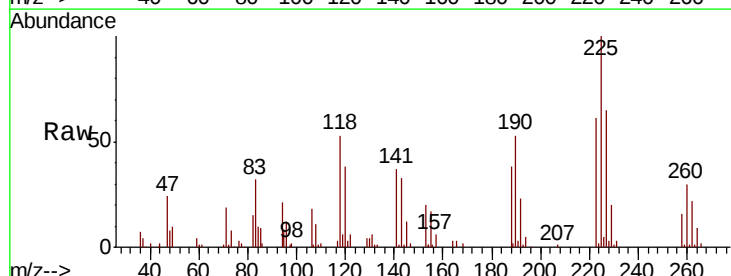


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

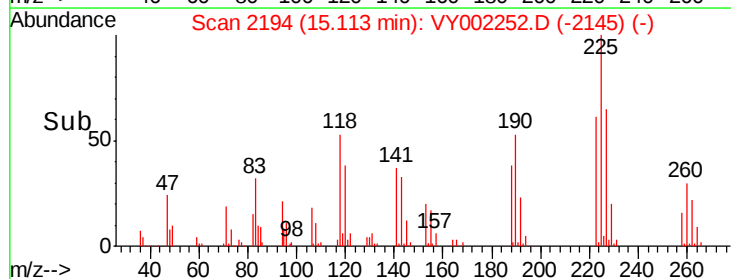
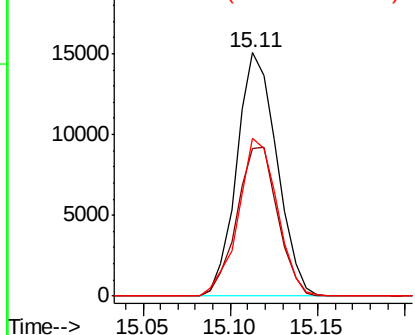


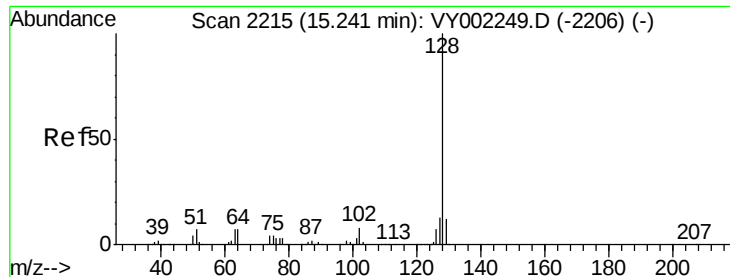
#94
 Hexachlorobutadiene
 Concen: 19.506 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.0	93.0
227	63.1	31.3	93.9



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





#95

Naphthalene

Concen: 20.324 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

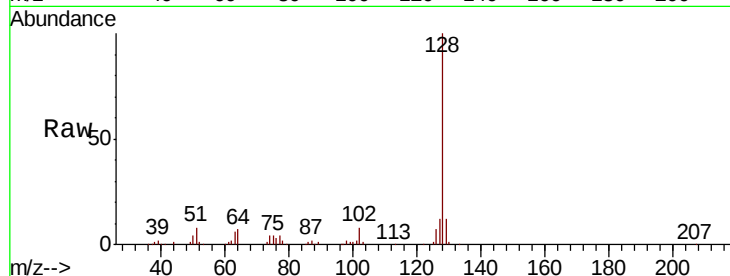
Tot Ion:128 Resp: 108627

Ion Ratio Lower Upper

128 100

127 12.2 10.1 15.1

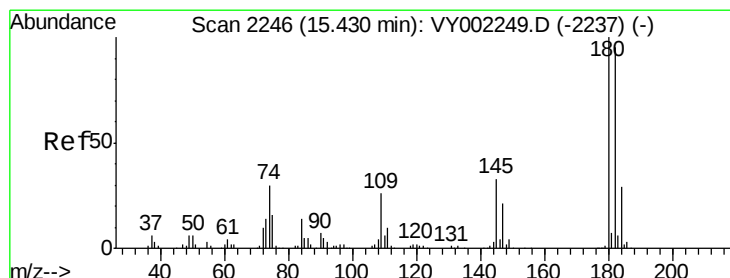
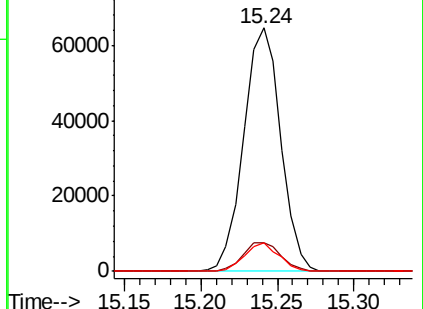
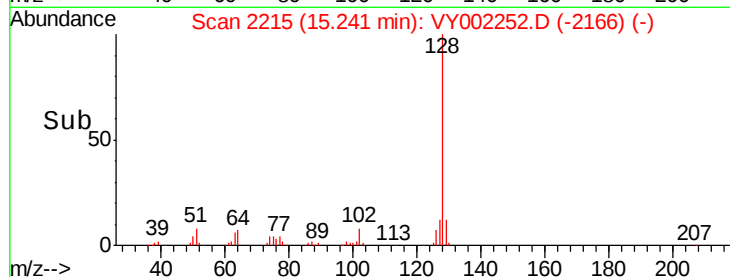
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.091 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

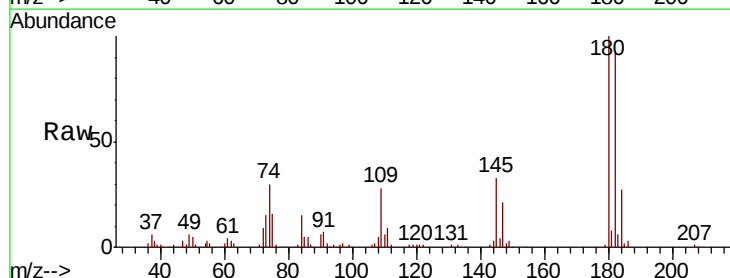
Tgt Ion:180 Resp: 42585

Ion Ratio Lower Upper

180 100

182 93.3 47.1 141.3

145 33.8 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

