

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002184.D
 Acq On : 02 Apr 2020 12:18
 Operator : SY/MD
 Sample : VY0402SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 03 03:11:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	156360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	284098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	254663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116377	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	82949	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	7.74	113	77662	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	10.19	98	318722	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.49	95	112049	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	29366	25.458	ug/l	94
3) Chloromethane	2.13	50	38980	21.332	ug/l	99
4) Vinyl Chloride	2.27	62	40498	21.792	ug/l	97
5) Bromomethane	2.66	94	26533	21.877	ug/l	96
6) Chloroethane	2.81	64	25175	21.097	ug/l	95
7) Trichlorofluoromethane	3.15	101	54478	21.392	ug/l	93
8) Diethyl Ether	3.55	74	21350	19.793	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	35400	21.187	ug/l	97
10) Methyl Iodide	4.11	142	37460	18.854	ug/l	100
11) Tert butyl alcohol	4.98	59	23409	114.922	ug/l #	94
12) 1,1-Dichloroethene	3.90	96	35501	20.924	ug/l	92
13) Acrolein	3.76	56	20200	79.344	ug/l	97
14) Allyl chloride	4.50	41	63503	20.446	ug/l	99
15) Acrylonitrile	5.19	53	56435	99.821	ug/l	99
16) Acetone	3.97	43	47452	97.713	ug/l	97
17) Carbon Disulfide	4.22	76	114708	20.372	ug/l	100
18) Methyl Acetate	4.50	43	25716	20.393	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	93975	19.855	ug/l	99
20) Methylene Chloride	4.74	84	45376	19.437	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	39758	20.581	ug/l	94
22) Diisopropyl ether	6.14	45	128722	20.251	ug/l	98
23) Vinyl Acetate	6.09	43	415157	99.604	ug/l	100
24) 1,1-Dichloroethane	6.05	63	69613	20.598	ug/l	99
25) 2-Butanone	7.01	43	72585	97.341	ug/l	100
26) 2,2-Dichloropropane	7.00	77	58689	21.085	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	43492	20.465	ug/l	98
28) Bromochloromethane	7.36	49	31315	20.296	ug/l	98
29) Tetrahydrofuran	7.37	42	47391	96.935	ug/l	99
30) Chloroform	7.53	83	64271	20.063	ug/l	96
31) Cyclohexane	7.80	56	72205	20.050	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	54882	20.520	ug/l	99
36) 1,1-Dichloropropene	7.94	75	55051	20.487	ug/l	100
37) Ethyl Acetate	7.10	43	32113	19.776	ug/l	99
38) Carbon Tetrachloride	7.92	117	47223	20.713	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	70837	20.097	ug/l	97
40) Benzene	8.17	78	162532	20.419	ug/l	99
41) Methacrylonitrile	7.33	41	14987	18.246	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	42192	19.966	ug/l	99
43) Isopropyl Acetate	8.29	43	58839	19.522	ug/l	99
44) Trichloroethene	8.96	130	39296	20.480	ug/l	96
45) 1,2-Dichloropropane	9.23	63	40707	20.085	ug/l	99
46) Dibromomethane	9.32	93	20825	20.008	ug/l	99
47) Bromodichloromethane	9.51	83	49905	20.596	ug/l	96
48) Methyl methacrylate	9.30	41	26816	19.854	ug/l	96
49) 1,4-Dioxane	9.31	88	5892	412.522	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	158557	102.166	ug/l	100
52) Toluene	10.25	92	98381	20.435	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	53023	19.716	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	62218	19.649	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	30130	19.559	ug/l	93
56) Ethyl methacrylate	10.52	69	43451	19.312	ug/l	99
57) 1,3-Dichloropropane	10.80	76	53917	19.810	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	115352	99.773	ug/l	100
59) 2-Hexanone	10.85	43	105256	96.281	ug/l	100
60) Dibromochloromethane	11.00	129	32626	20.240	ug/l	97
61) 1,2-Dibromoethane	11.10	107	28337	19.653	ug/l	97
64) Tetrachloroethene	10.73	164	33674	21.612	ug/l	97
65) Chlorobenzene	11.53	112	99713	20.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	33607	20.435	ug/l	98
67) Ethyl Benzene	11.60	91	186027	20.375	ug/l	100
68) m/p-Xylenes	11.71	106	140243	41.545	ug/l	99
69) o-Xylene	12.04	106	64988	20.295	ug/l	100
70) Styrene	12.05	104	110906	19.987	ug/l	99
71) Bromoform	12.22	173	17826	19.790	ug/l #	99
73) Isopropylbenzene	12.34	105	177519	20.563	ug/l	99
74) N-amyl acetate	12.16	43	53495	19.647	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	36653	19.730	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	48387	37.170	ug/l #	100
77) Bromobenzene	12.62	156	36919	20.033	ug/l	97
78) n-propylbenzene	12.68	91	220306	20.564	ug/l	99
79) 2-Chlorotoluene	12.77	91	119355	20.291	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	144830	20.334	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	13274	19.755	ug/l	99
82) 4-Chlorotoluene	12.86	91	125545	20.254	ug/l	99
83) tert-Butylbenzene	13.08	119	123748	20.815	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	146541	20.621	ug/l	99
85) sec-Butylbenzene	13.27	105	181629	20.626	ug/l	100
86) p-Isopropyltoluene	13.38	119	157383	20.812	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	73547	20.400	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	74879	20.640	ug/l	99
89) n-Butylbenzene	13.71	91	162816	20.665	ug/l	99
90) Hexachloroethane	13.97	117	28756	20.181	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	67853	20.380	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.38	75	5389	18.110	ug/l	96

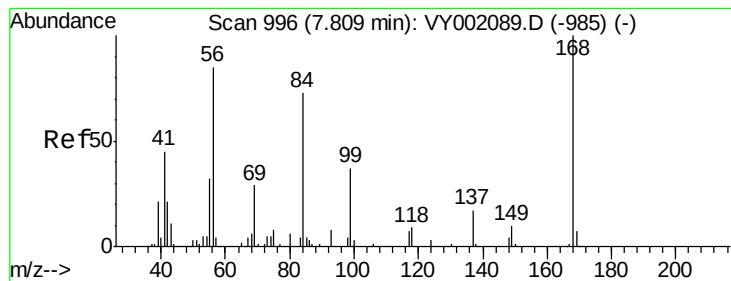
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	43271	20.164	ug/l	98
94) Hexachlorobutadiene	15.12	225	20913	19.743	ug/l	99
95) Naphthalene	15.25	128	99042	19.432	ug/l	98
96) 1,2,3-Trichlorobenzene	15.44	180	38373	19.719	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Instrument :

MSVOA_Y

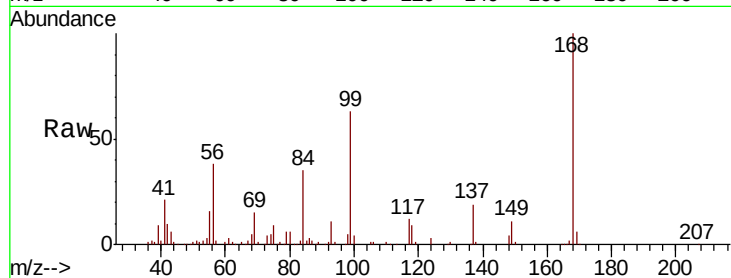
ClientSampleId :

Tot Ion:168 Resp: 156360

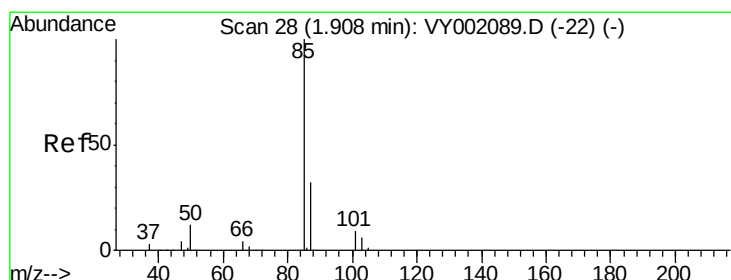
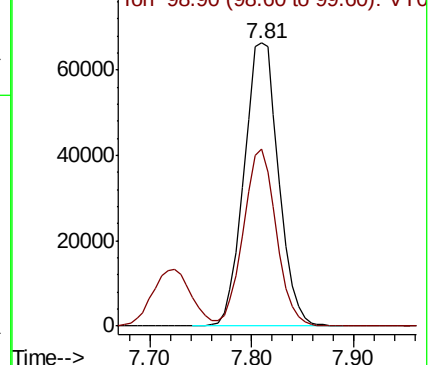
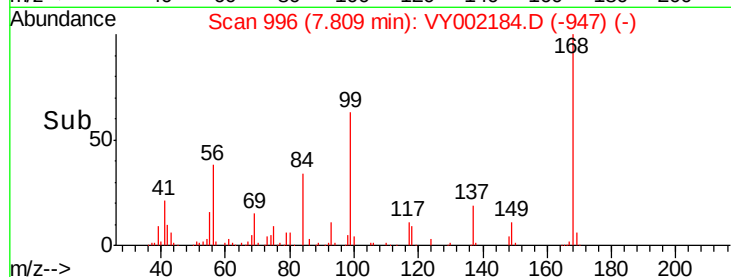
Ion Ratio Lower Upper

168 100

99 62.6 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002184.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 25.458 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002184.D

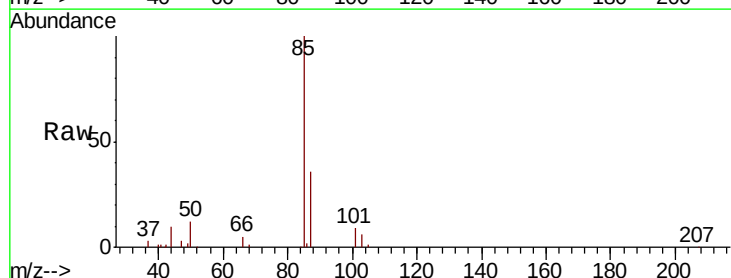
Acq: 02 Apr 2020 12:18

Tgt Ion: 85 Resp: 29366

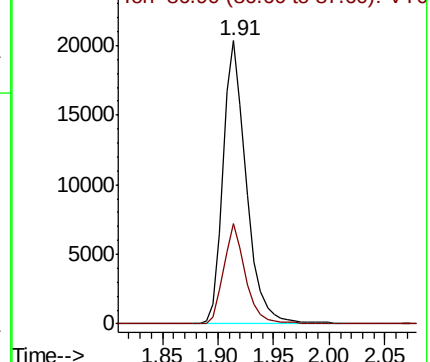
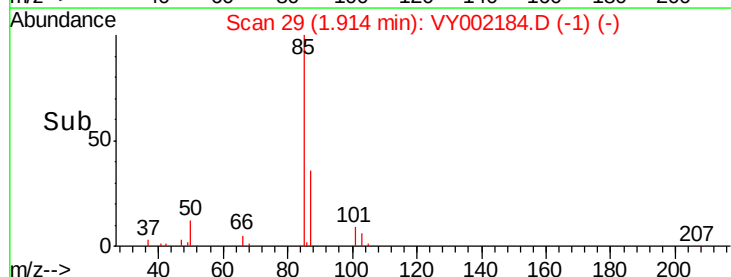
Ion Ratio Lower Upper

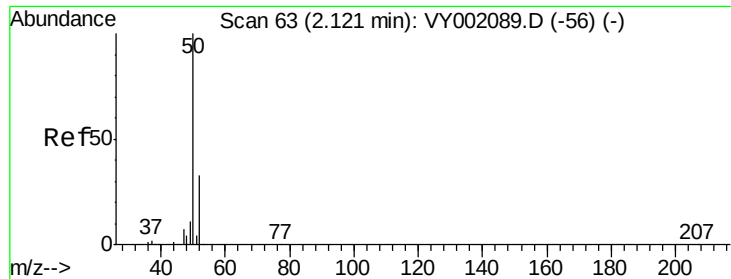
85 100

87 35.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002184.D (-1) (-)





#3

Chloromethane

Concen: 21.332 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

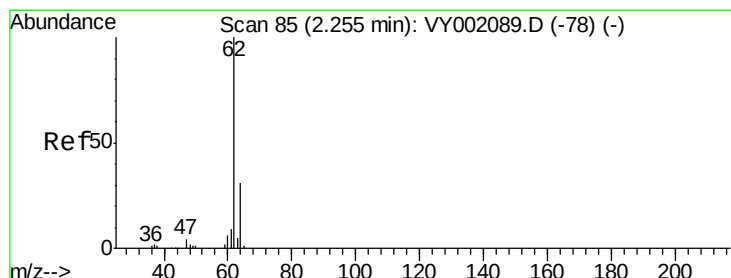
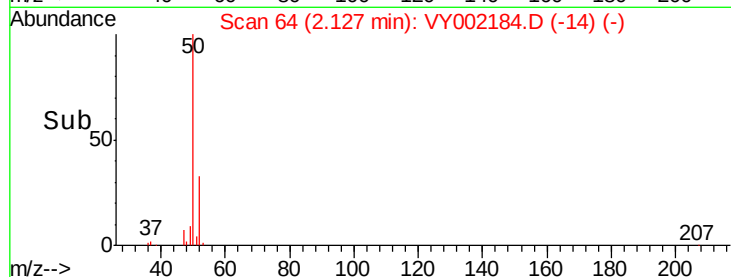
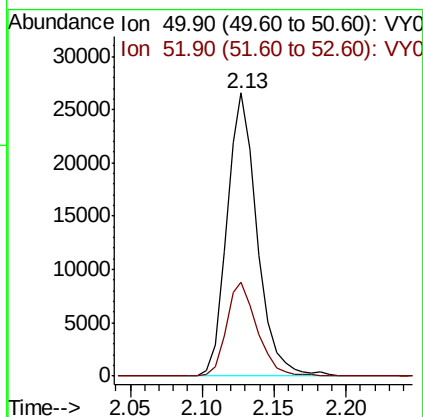
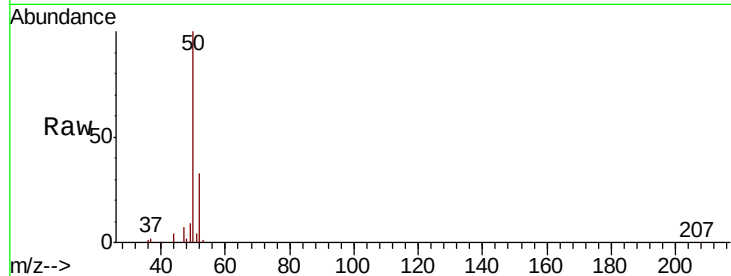
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 38980

Ion Ratio Lower Upper

50 100

52 33.1 26.1 39.1



#4

Vinyl Chloride

Concen: 21.792 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002184.D

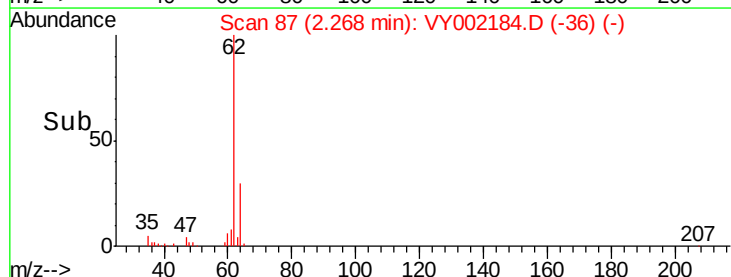
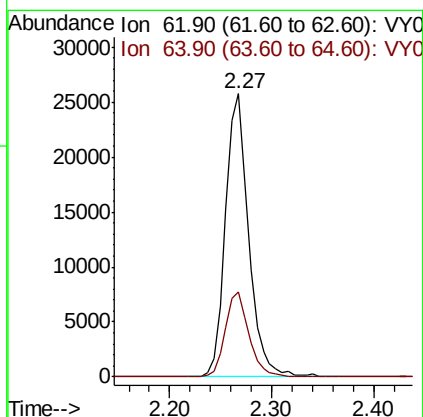
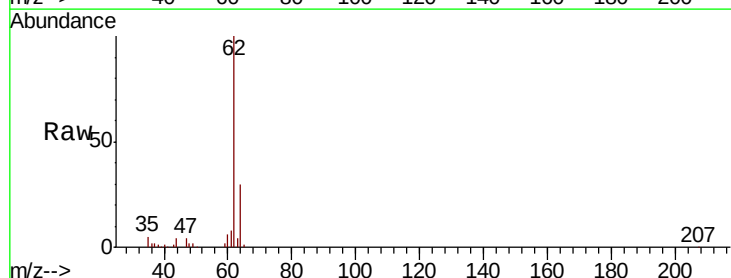
Acq: 02 Apr 2020 12:18

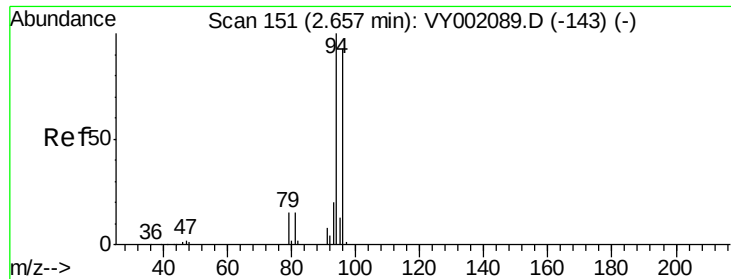
Tgt Ion: 62 Resp: 40498

Ion Ratio Lower Upper

62 100

64 29.9 25.2 37.8





#5

Bromomethane

Concen: 21.877 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Instrument :

MSVOA_Y

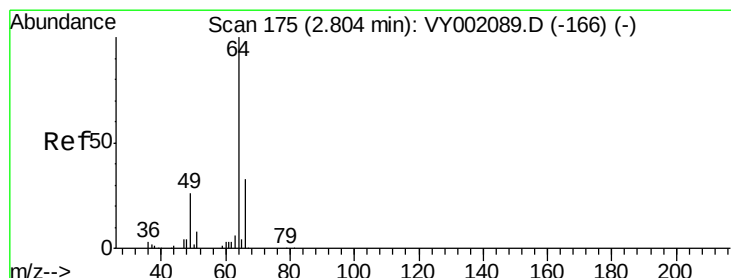
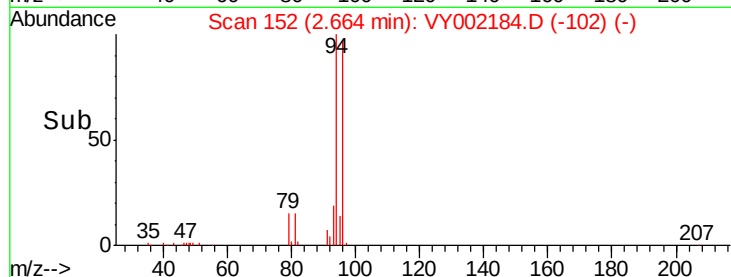
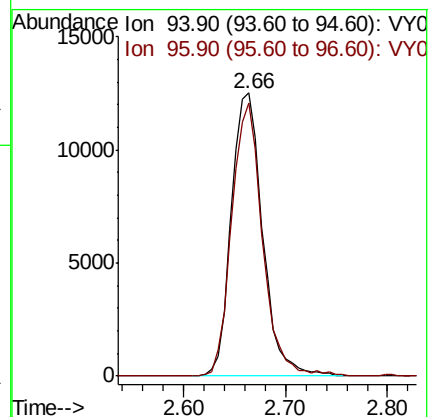
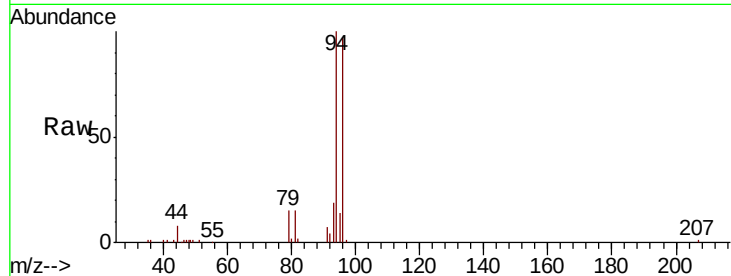
ClientSampleId :

Tot Ion: 94 Resp: 26533

Ion Ratio Lower Upper

94 100

96 96.7 74.1 111.1



#6

Chloroethane

Concen: 21.097 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002184.D

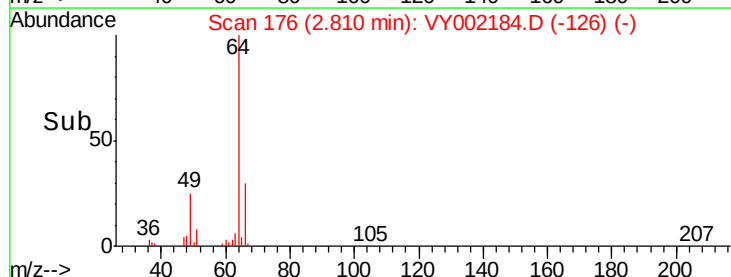
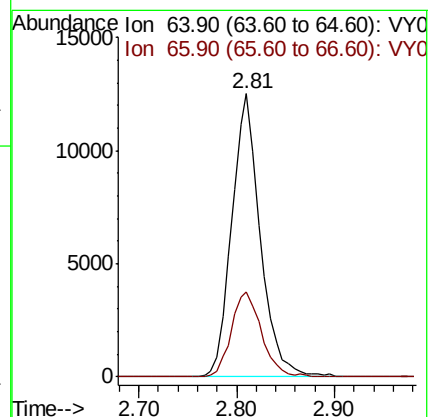
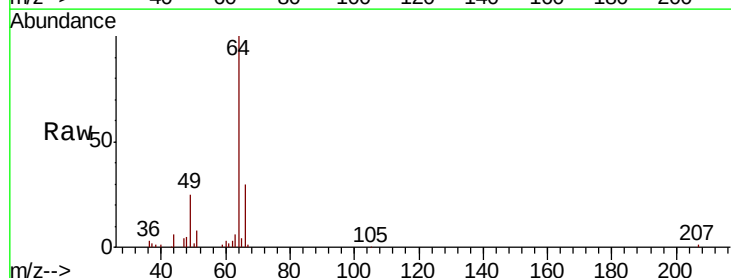
Acq: 02 Apr 2020 12:18

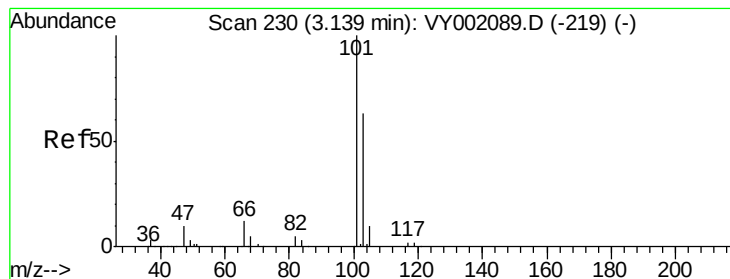
Tgt Ion: 64 Resp: 25175

Ion Ratio Lower Upper

64 100

66 30.2 26.6 39.8



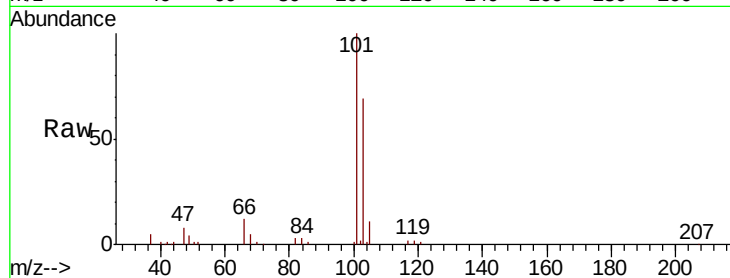


#7

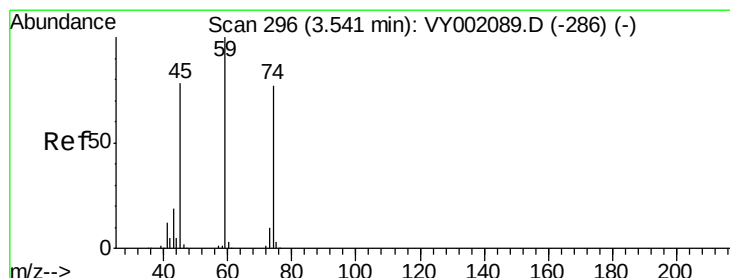
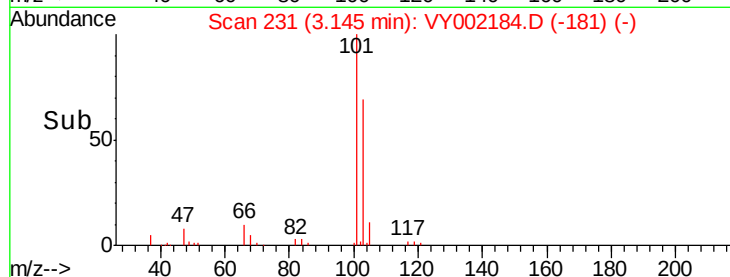
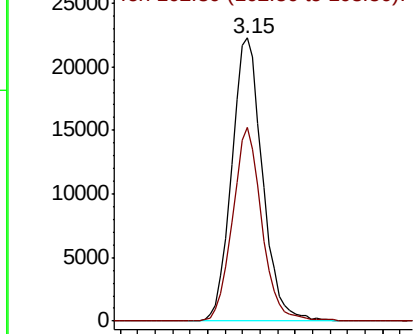
Trichlorofluoromethane
Concen: 21.392 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:101 Resp: 54478
Ion Ratio Lower Upper
101 100
103 68.6 50.6 76.0



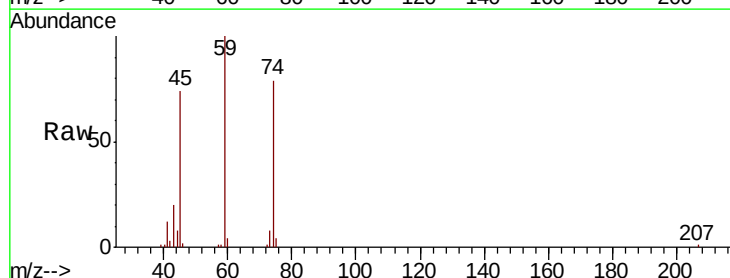
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



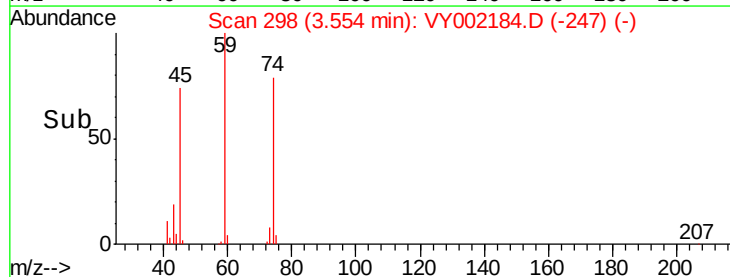
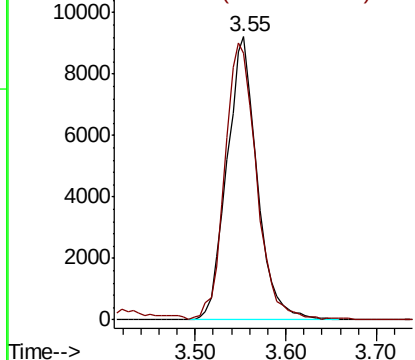
#8

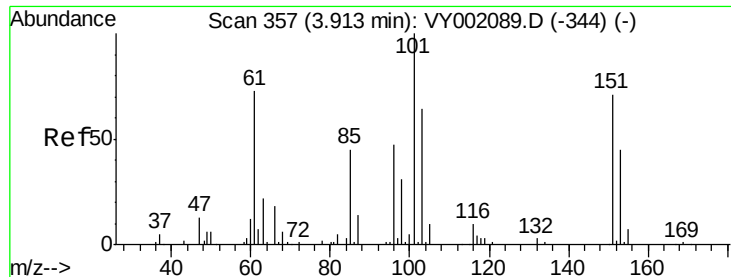
Diethyl Ether
Concen: 19.793 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion: 74 Resp: 21350
Ion Ratio Lower Upper
74 100
45 102.4 51.0 153.0



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.187 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Instrument :

MSVOA_Y

ClientSampleId :

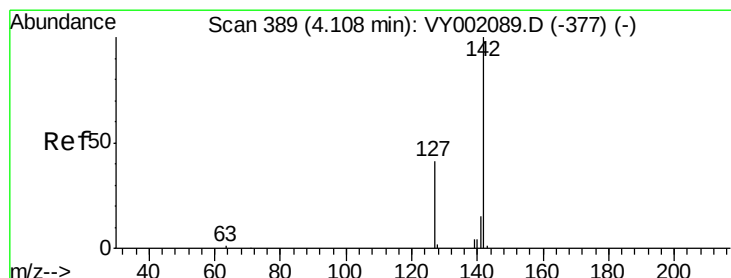
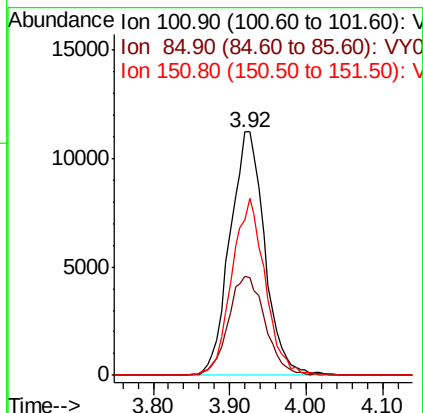
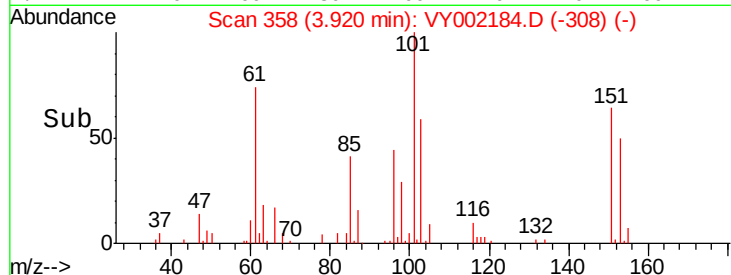
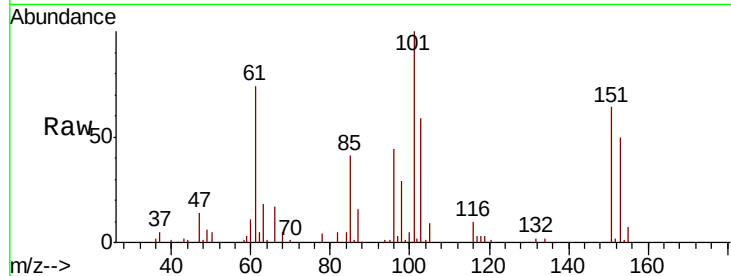
Tot Ion:101 Resp: 35400

Ion Ratio Lower Upper

101 100

85 42.8 35.9 53.9

151 69.6 57.5 86.3



#10

Methyl Iodide

Concen: 18.854 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002184.D

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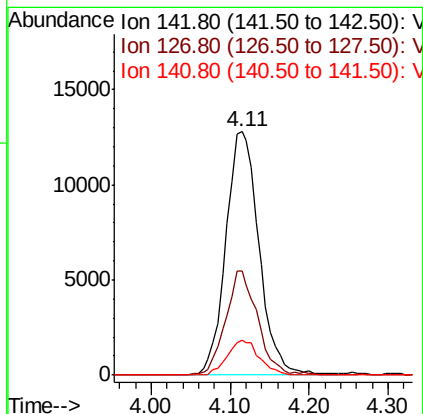
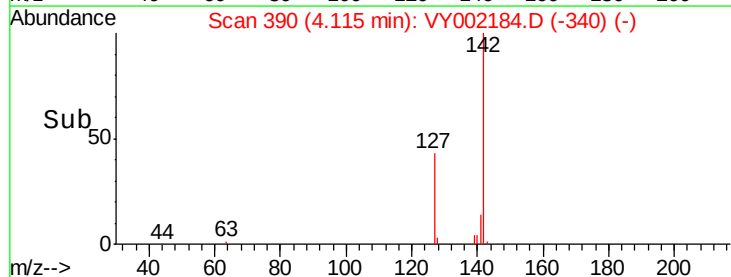
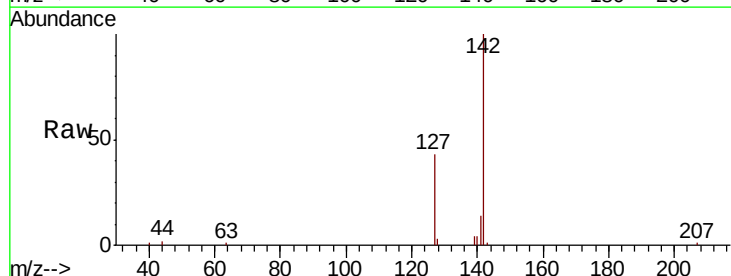
Tgt Ion:142 Resp: 37460

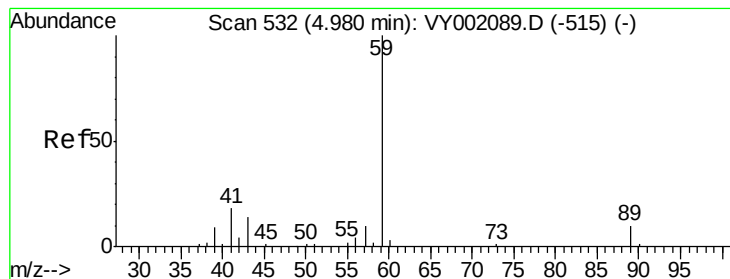
Ion Ratio Lower Upper

142 100

127 40.9 32.6 49.0

141 13.7 11.4 17.0



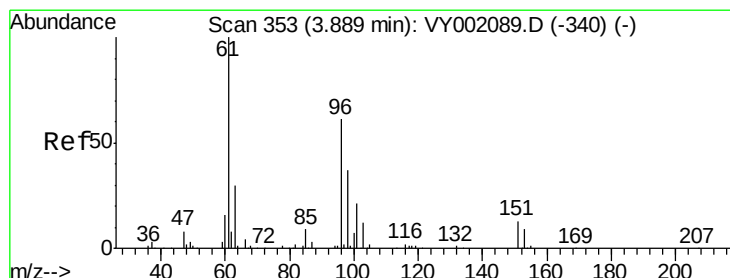
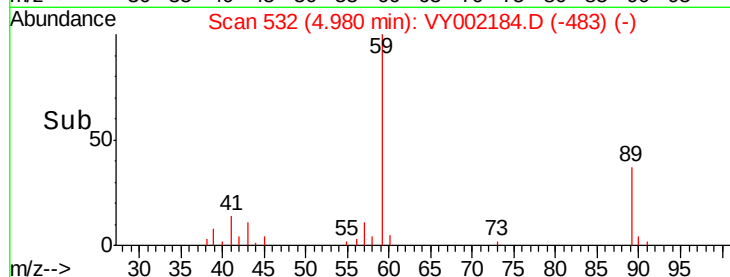
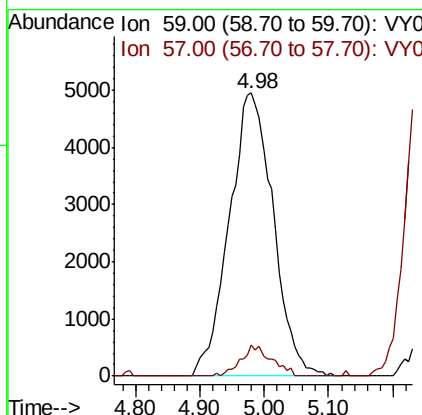
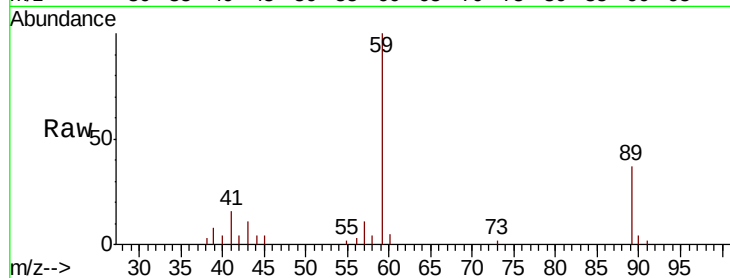


#11

Tert butyl alcohol
 Concen: 114.922 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

Instrument :
 MSVOA_Y
 ClientSampled :

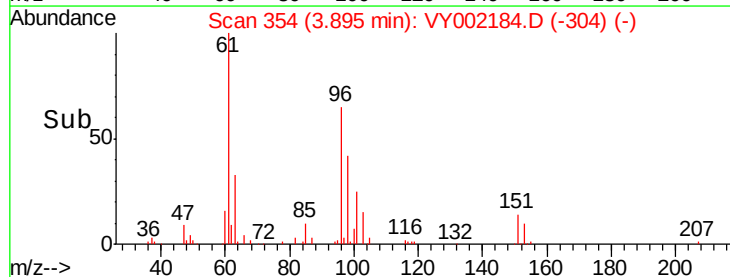
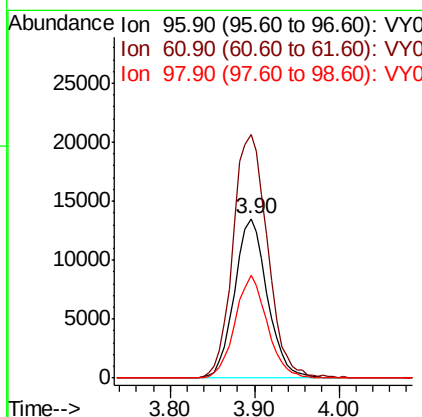
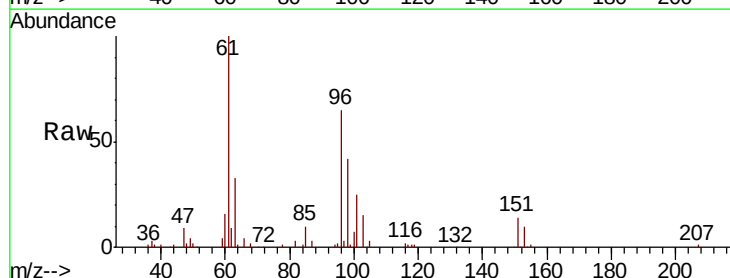
Tot Ion: 59 Resp: 23409
 Ion Ratio Lower Upper
 59 100
 57 7.5 7.7 11.5#

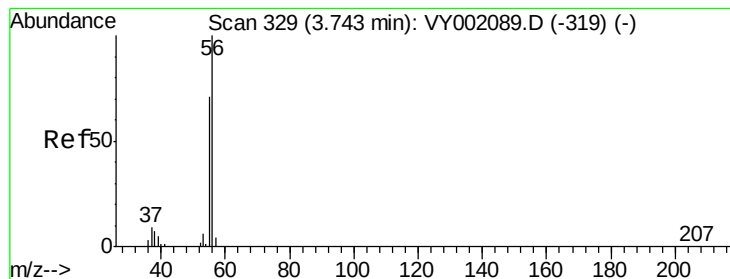


#12

1,1-Dichloroethene
 Concen: 20.924 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

Tgt Ion: 96 Resp: 35501
 Ion Ratio Lower Upper
 96 100
 61 152.7 132.0 198.0
 98 64.7 49.4 74.0





#13

Acrolein

Concen: 79.344 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Instrument :

MSVOA_Y

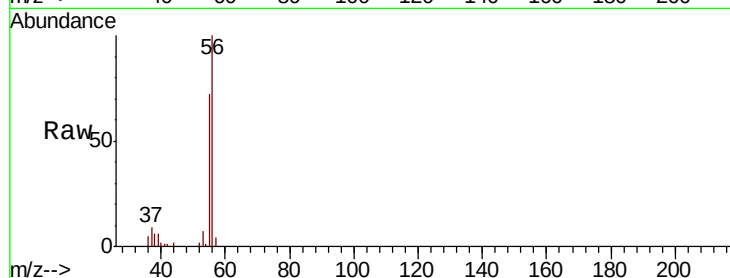
ClientSampleId :

Tot Ion: 56 Resp: 20200

Ion Ratio Lower Upper

56 100

55 68.3 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.76

8000

6000

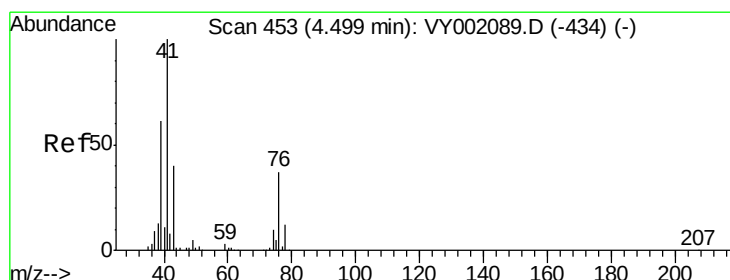
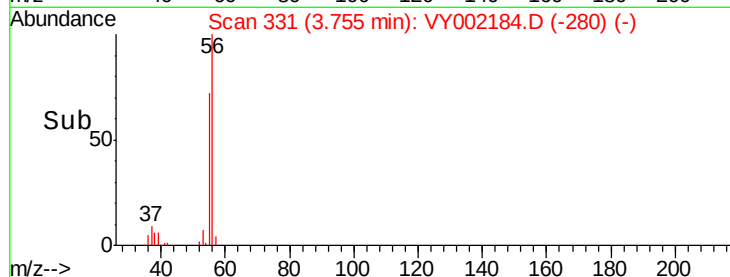
4000

2000

0

Time-->

3.70 3.80 3.90



#14

Allyl chloride

Concen: 20.446 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

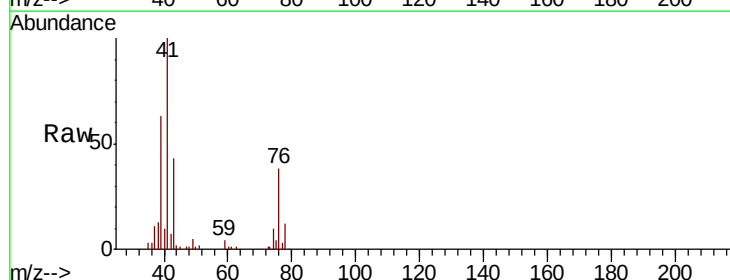
Tgt Ion: 41 Resp: 63503

Ion Ratio Lower Upper

41 100

39 62.3 49.0 73.4

76 34.8 27.8 41.8



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

4.50

25000

20000

15000

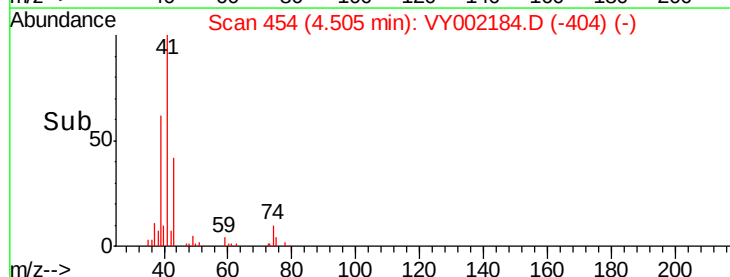
10000

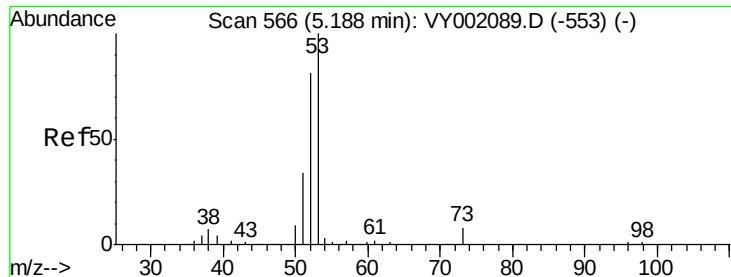
5000

0

Time-->

4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 99.821 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Instrument :

MSVOA_Y

ClientSampled :

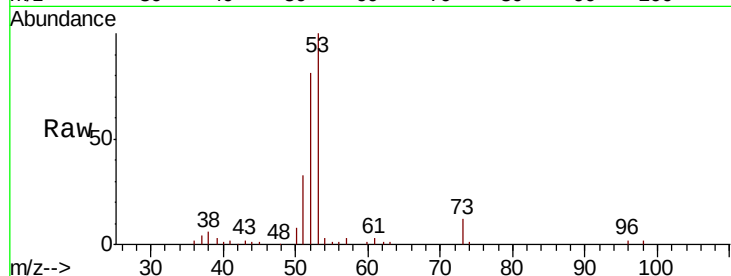
Tot Ion: 53 Resp: 56435

Ion Ratio Lower Upper

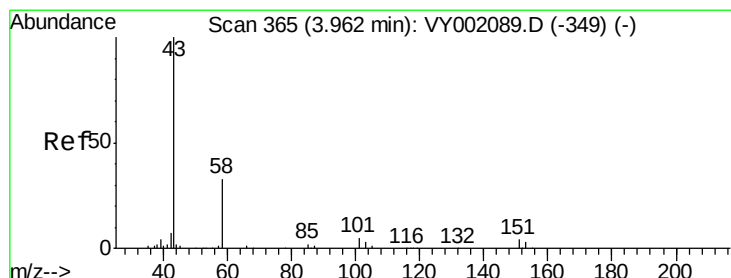
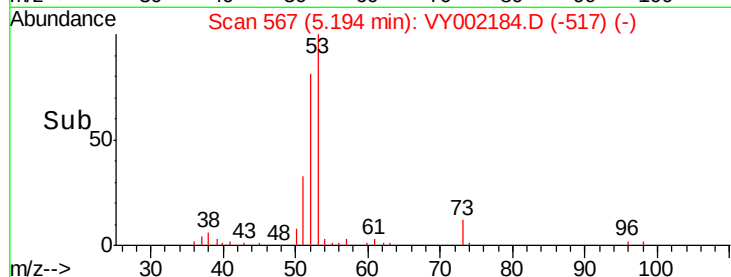
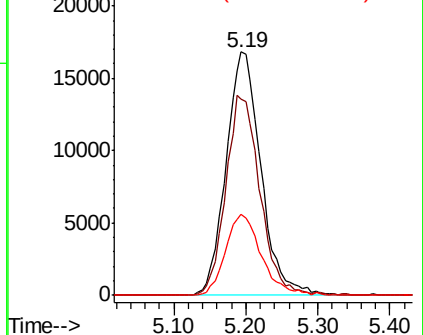
53 100

52 80.3 64.6 97.0

51 34.1 27.9 41.9



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: 97.713 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002184.D

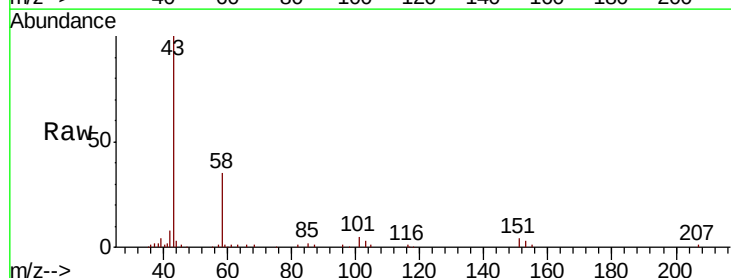
Acq: 02 Apr 2020 12:18

Tgt Ion: 43 Resp: 47452

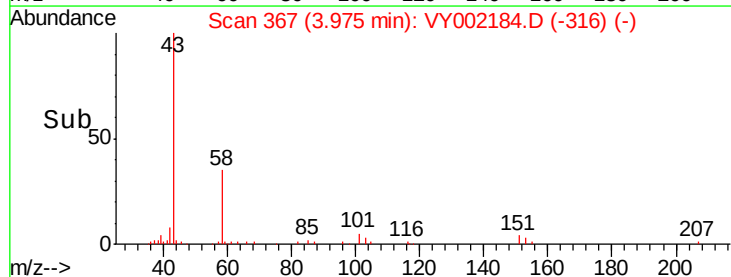
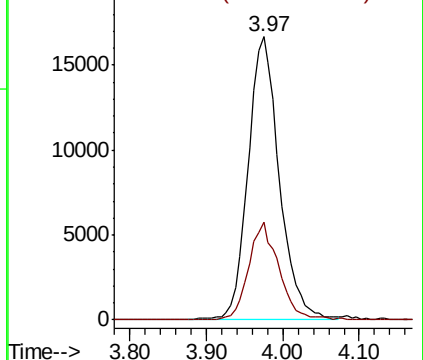
Ion Ratio Lower Upper

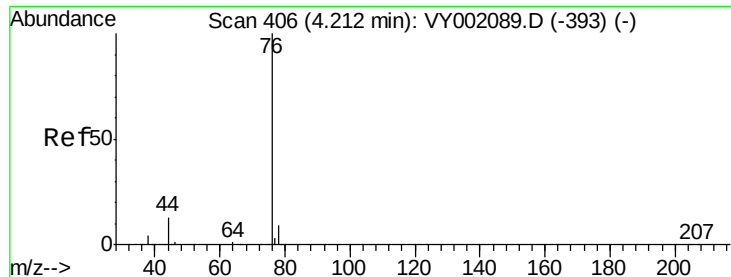
43 100

58 34.7 26.3 39.5



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





#17

Carbon Disulfide

Concen: 20.372 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Instrument :

MSVOA_Y

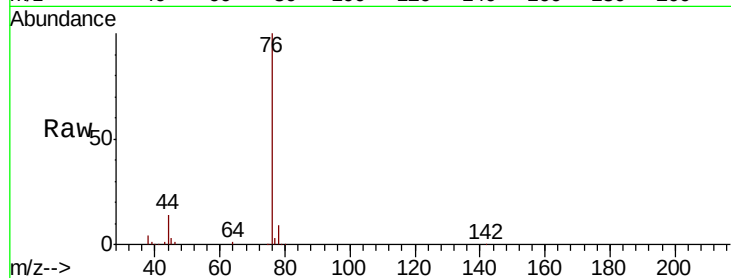
ClientSampleId :

Tot Ion: 76 Resp: 114708

Ion Ratio Lower Upper

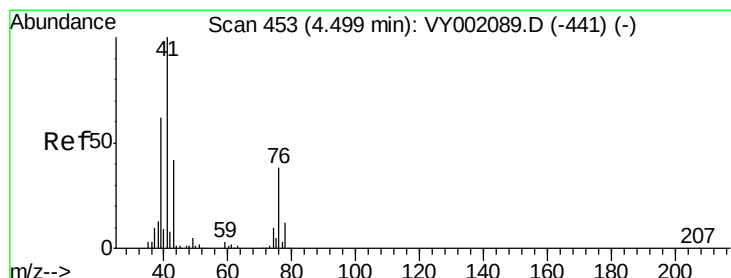
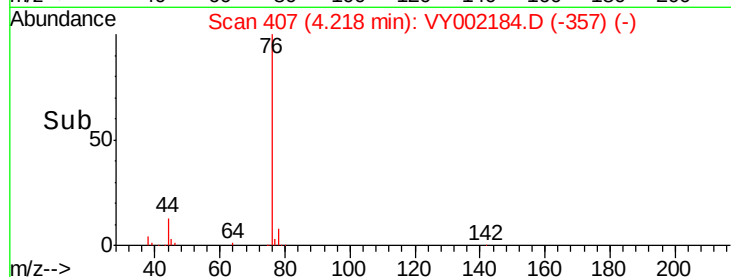
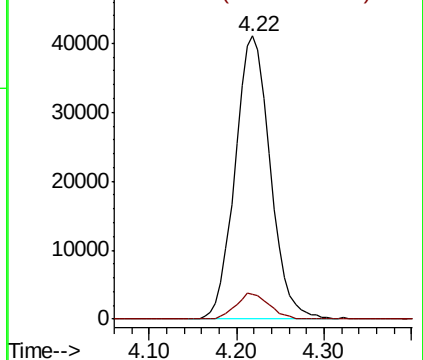
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 20.393 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002184.D

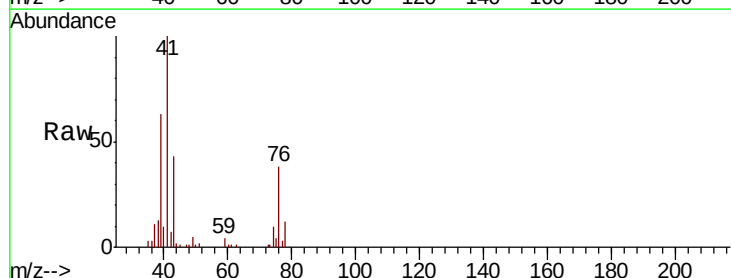
Acq: 02 Apr 2020 12:18

Tgt Ion: 43 Resp: 25716

Ion Ratio Lower Upper

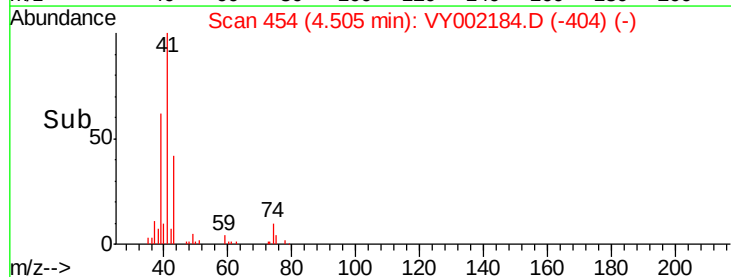
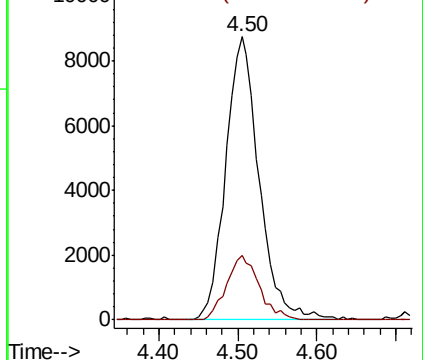
43 100

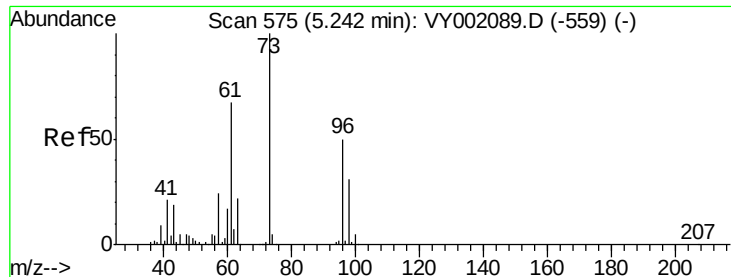
74 22.2 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

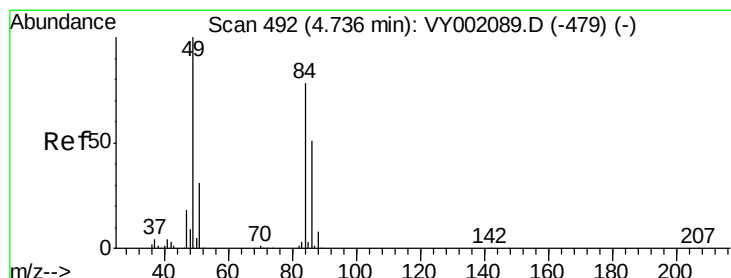
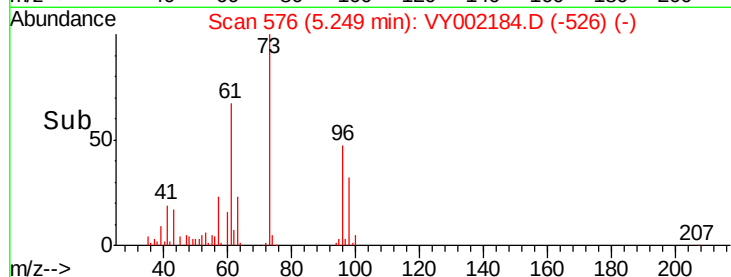
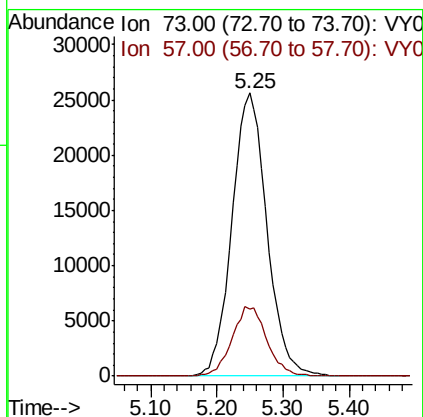
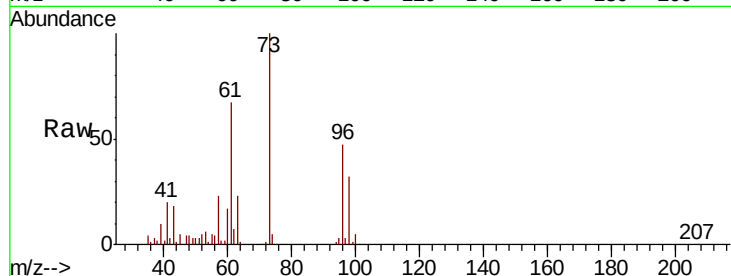




#19
Methyl tert-butyl Ether
Concen: 19.855 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

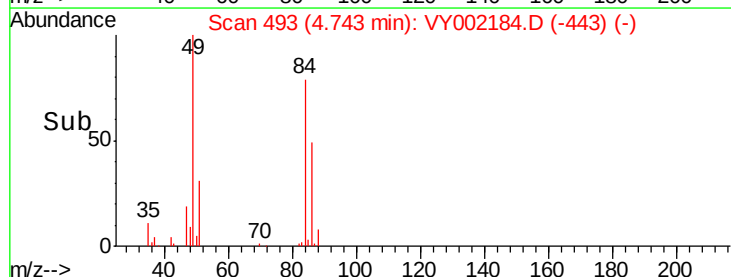
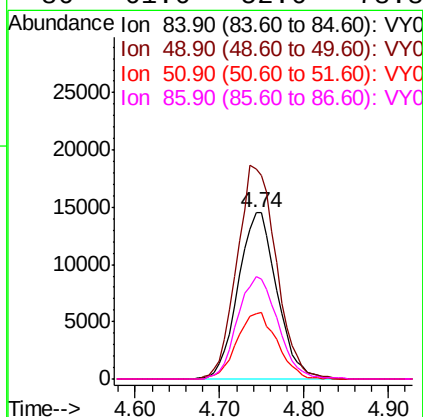
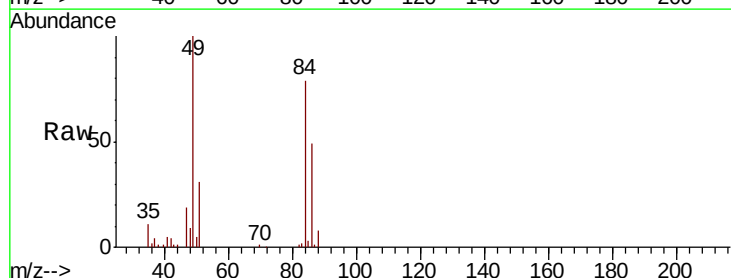
Instrument :
MSVOA_Y
ClientSampleId :

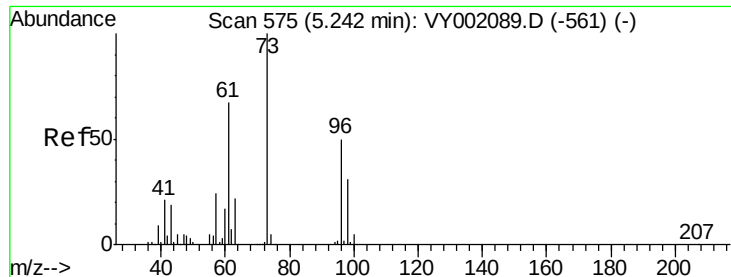
Tot Ion: 73 Resp: 93975
Ion Ratio Lower Upper
73 100
57 23.5 19.0 28.6



#20
Methylene Chloride
Concen: 19.437 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion: 84 Resp: 45376
Ion Ratio Lower Upper
84 100
49 126.5 102.2 153.4
51 39.3 31.2 46.8
86 61.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.581 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Instrument :

MSVOA_Y

ClientSampled :

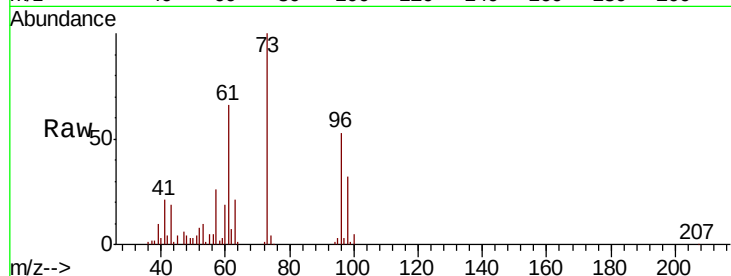
Tot Ion: 96 Resp: 39758

Ion Ratio Lower Upper

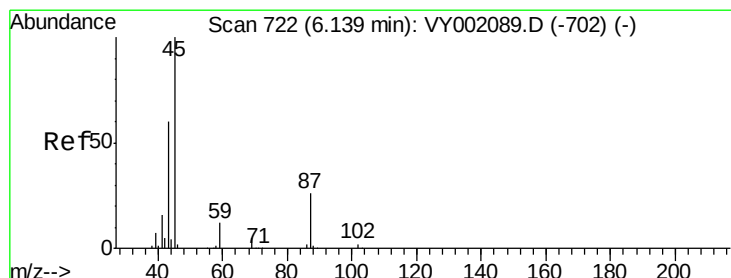
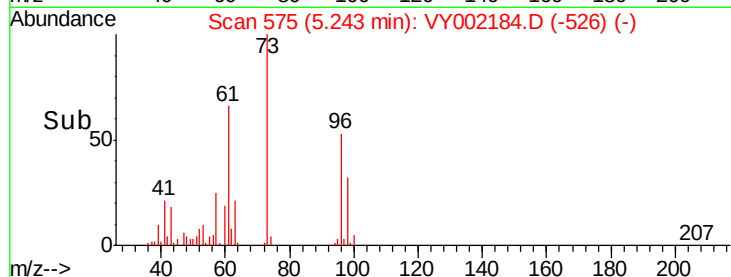
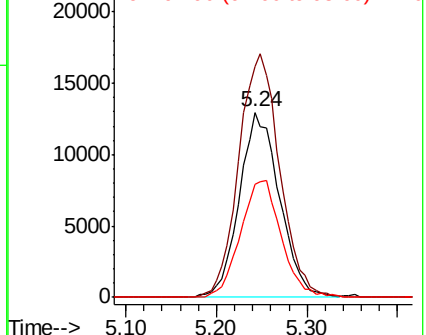
96 100

61 125.2 107.7 161.5

98 60.9 50.5 75.7



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: 20.251 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Tgt Ion: 45 Resp: 128722

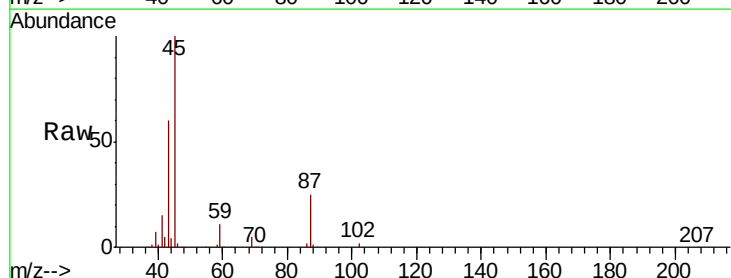
Ion Ratio Lower Upper

45 100

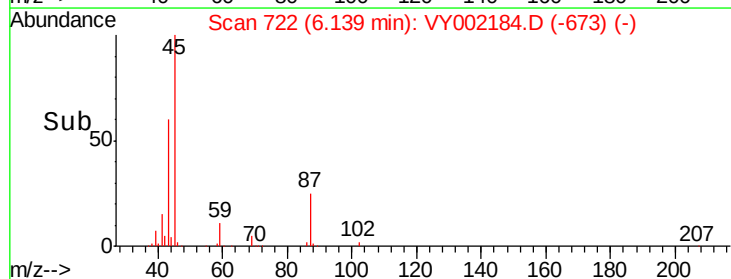
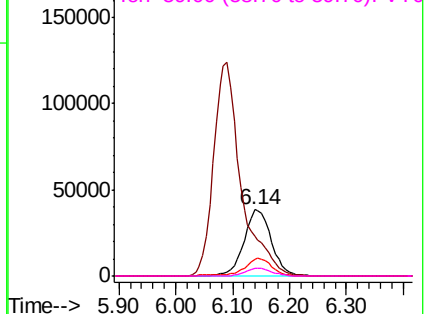
43 59.2 48.1 72.1

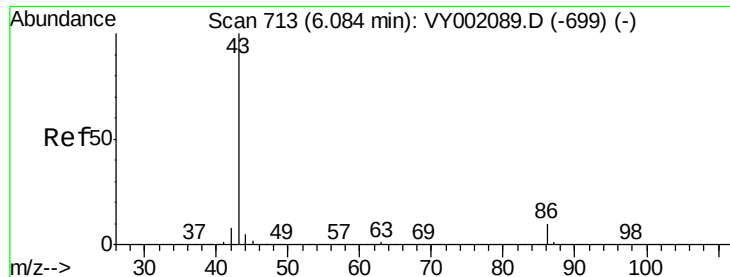
87 24.9 21.1 31.7

59 11.2 9.2 13.8



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: 99.604 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

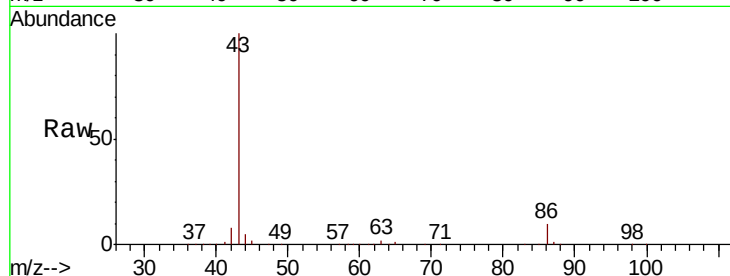
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 415157

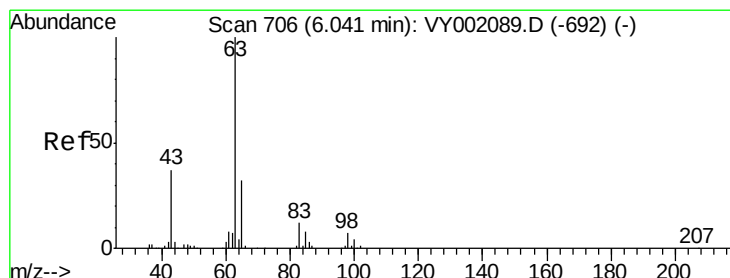
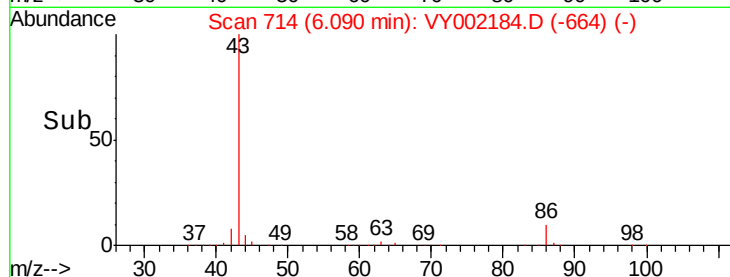
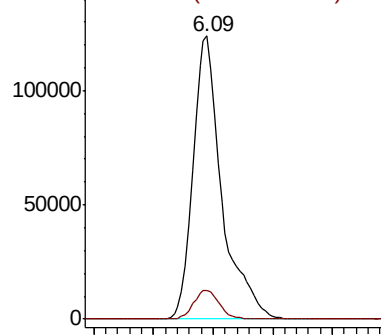
Ion Ratio Lower Upper

43 100

86 10.0 7.9 11.9



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



#24

1,1-Dichloroethane

Concen: 20.598 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

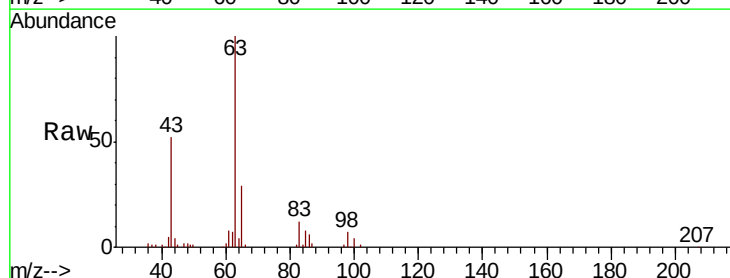
Tgt Ion: 63 Resp: 69613

Ion Ratio Lower Upper

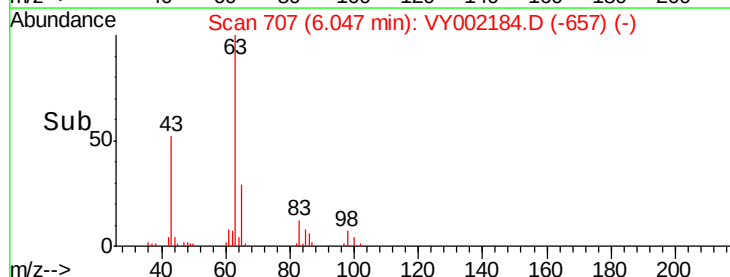
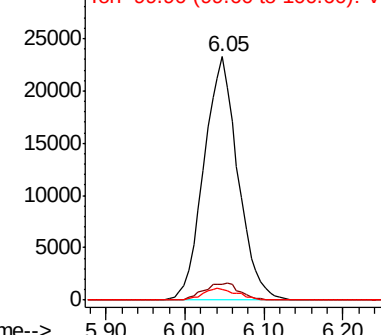
63 100

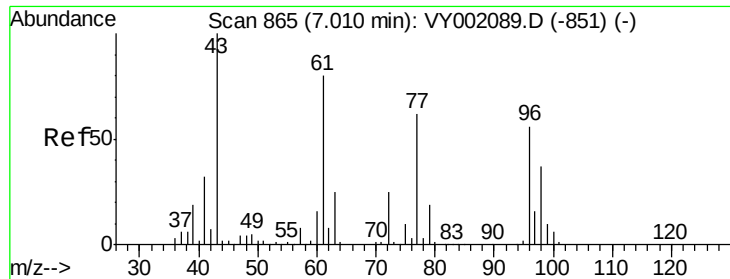
98 6.7 3.3 9.9

100 4.1 1.8 5.5



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





#25

2-Butanone

Concen: 97.341 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.00 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

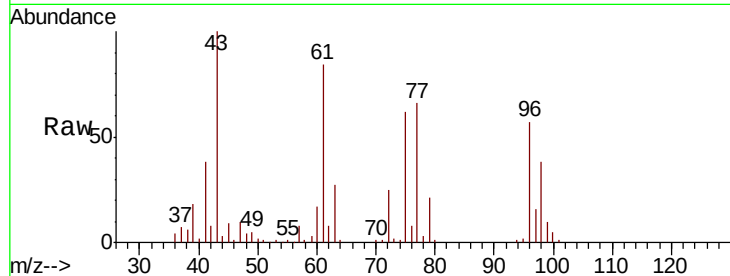
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 72585

Ion Ratio Lower Upper

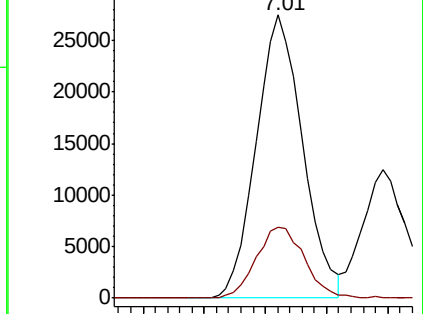
43 100

72 25.2 20.2 30.2

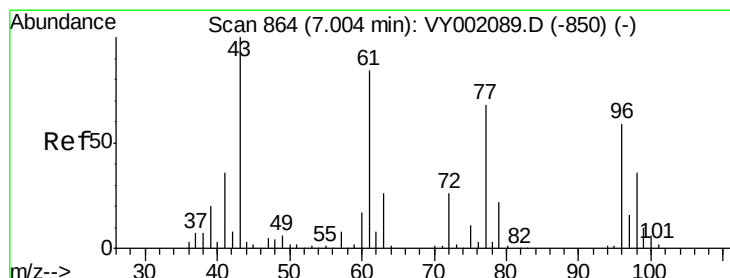
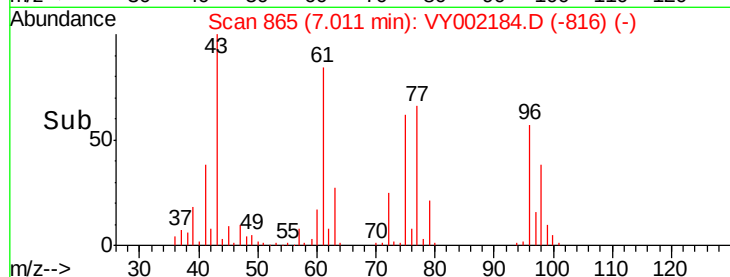


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



Time-->



#26

2,2-Dichloropropane

Concen: 21.085 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002184.D

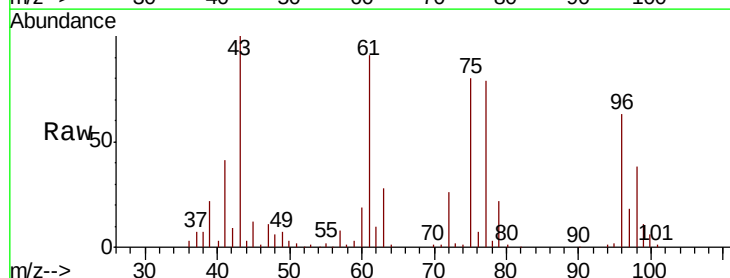
Acq: 02 Apr 2020 12:18

Tgt Ion: 77 Resp: 58689

Ion Ratio Lower Upper

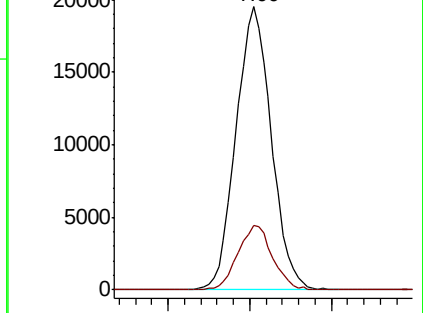
77 100

97 22.2 11.7 35.1

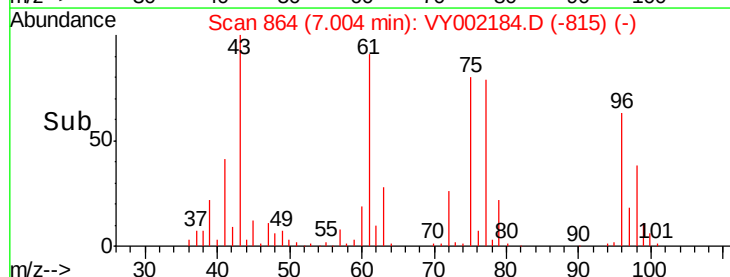


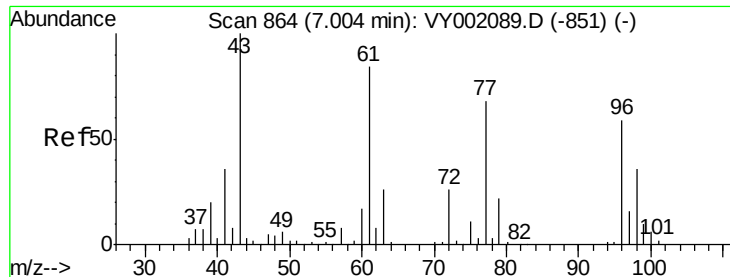
Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



Time-->



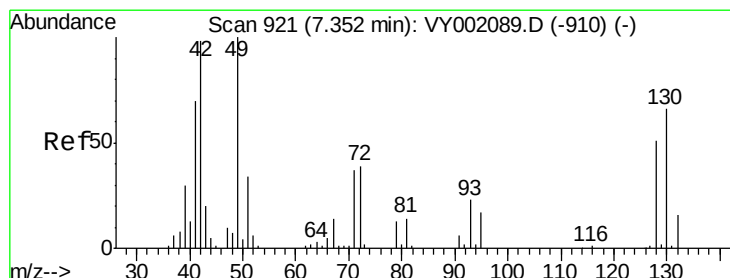
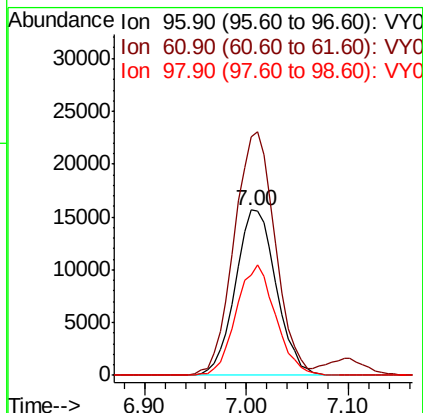
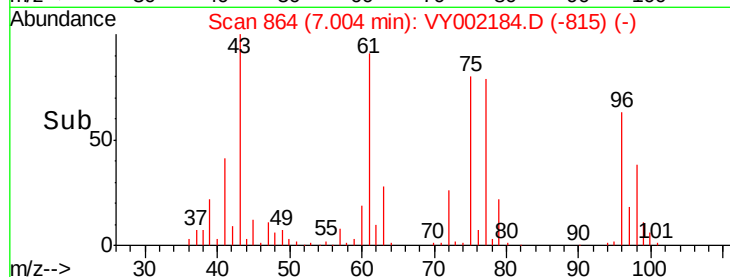
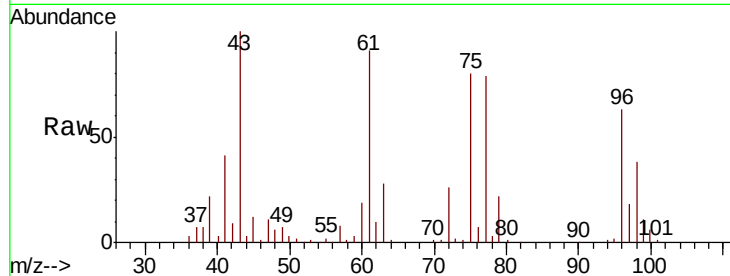


#27

cis-1,2-Dichloroethene
Concen: 20.465 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Instrument :
MSVOA_Y
ClientSampled :

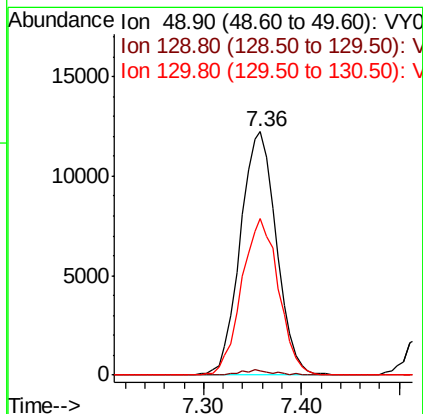
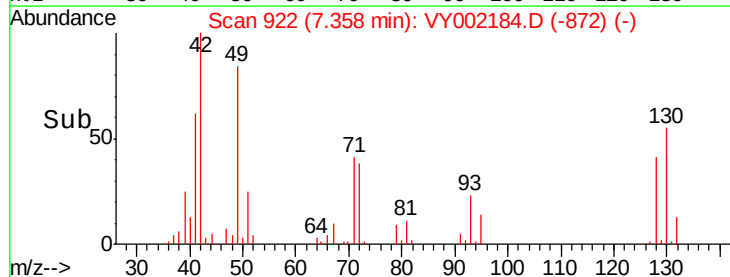
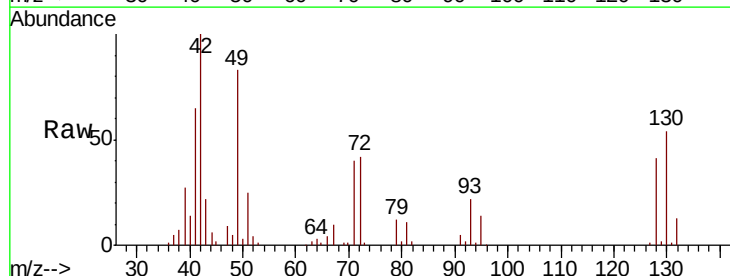
Tot Ion: 96 Resp: 43492
Ion Ratio Lower Upper
96 100
61 148.1 0.0 290.6
98 64.4 0.0 128.0

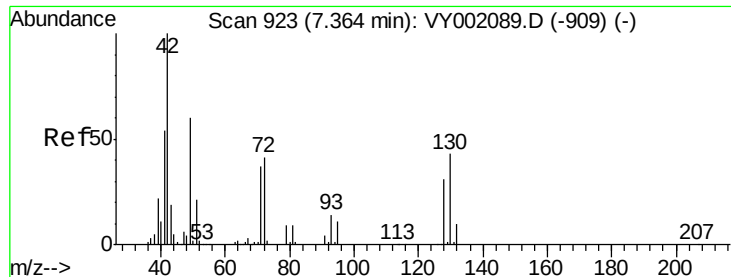


#28

Bromochloromethane
Concen: 20.296 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion: 49 Resp: 31315
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.4
130 66.0 54.1 81.1

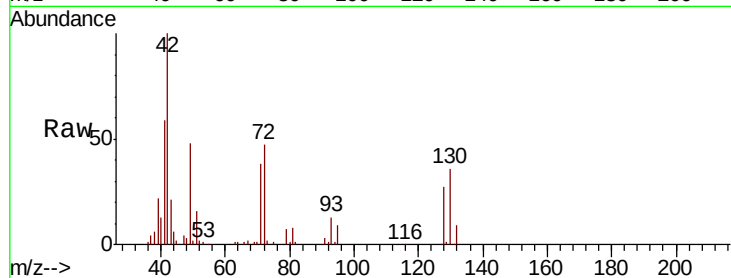




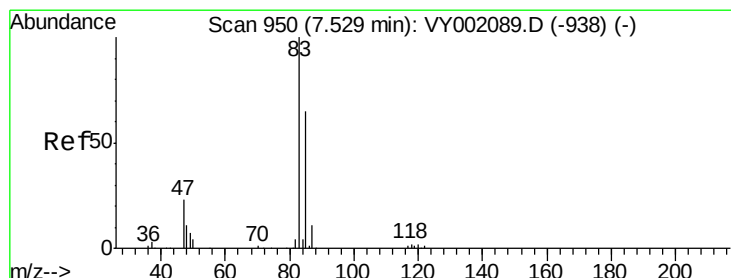
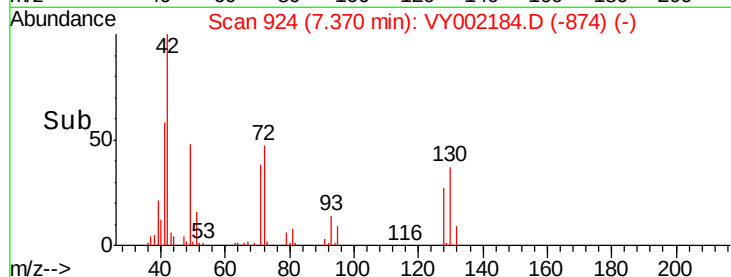
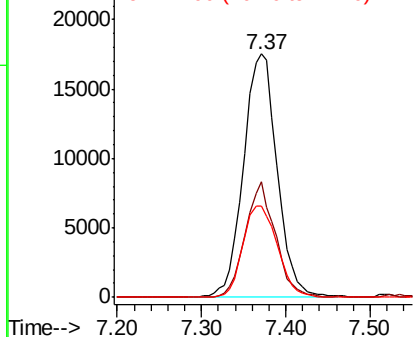
#29
Tetrahydrofuran
Concen: 96.935 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.0	49.4
71	38.6	31.2	46.8

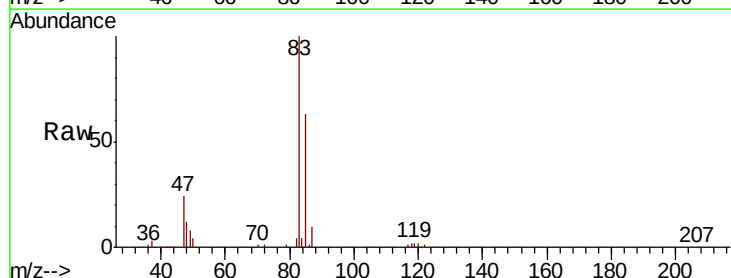


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

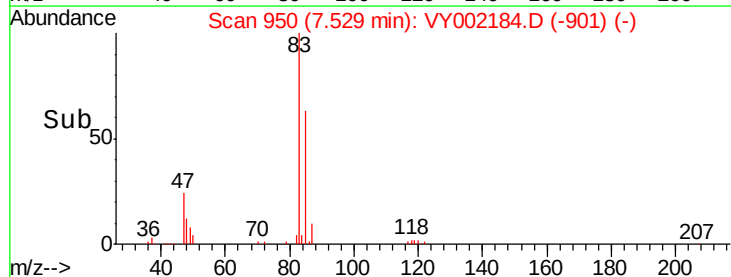
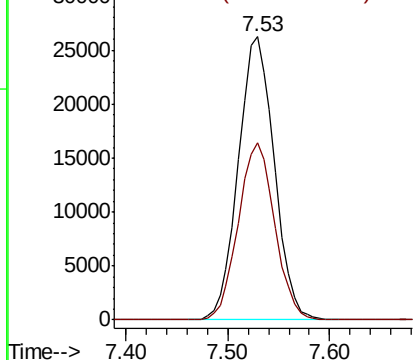


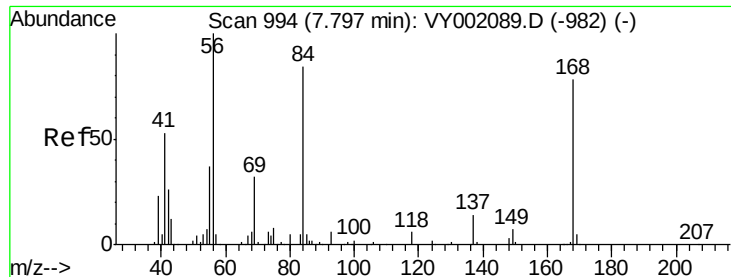
#30
Chloroform
Concen: 20.063 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.4	78.6



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

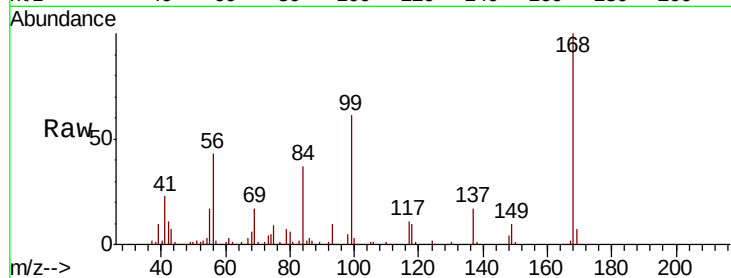




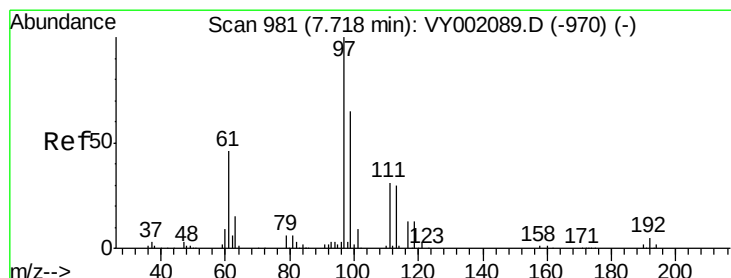
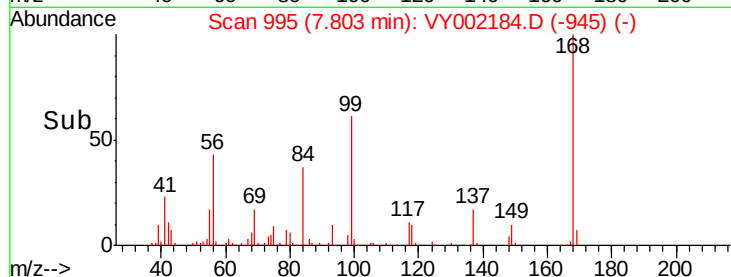
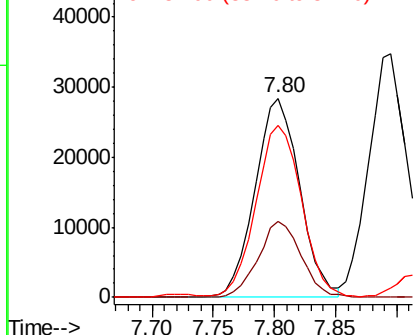
#31
Cyclohexane
Concen: 20.050 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 72205
Ion Ratio Lower Upper
56 100
69 38.1 25.8 38.8
84 85.0 67.1 100.7

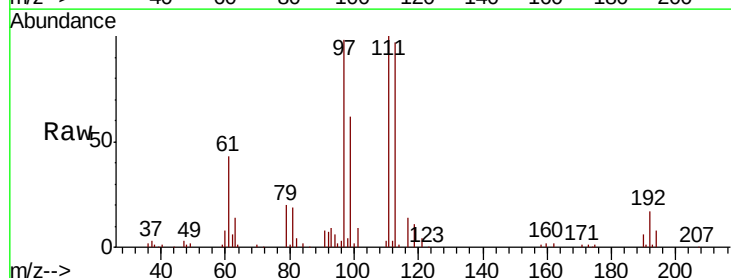


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

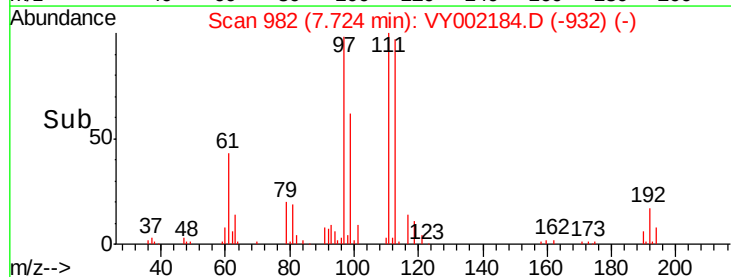
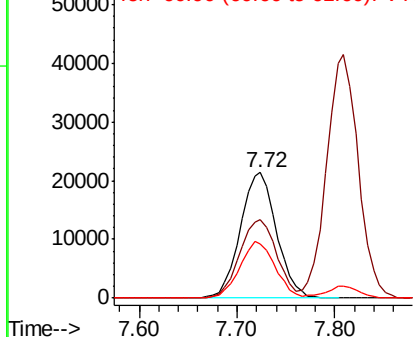


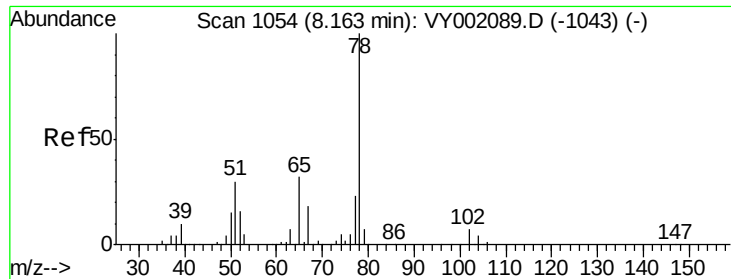
#32
1,1,1-Trichloroethane
Concen: 20.520 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion: 97 Resp: 54882
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 44.3 35.7 53.5



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

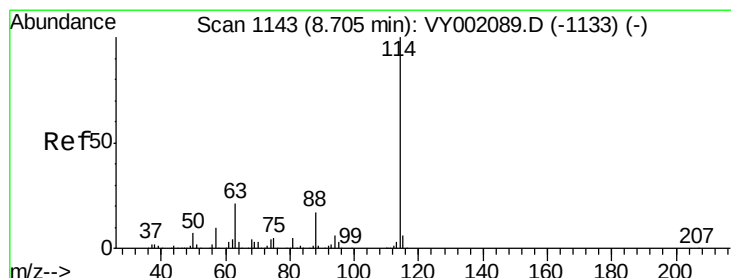
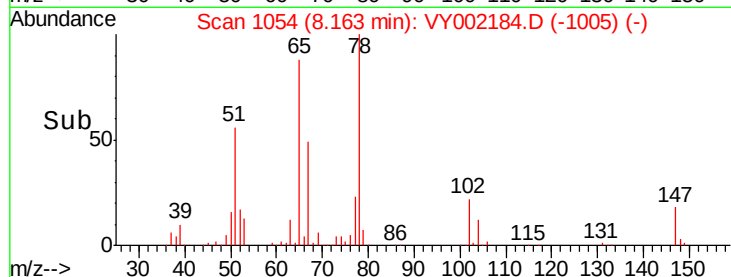
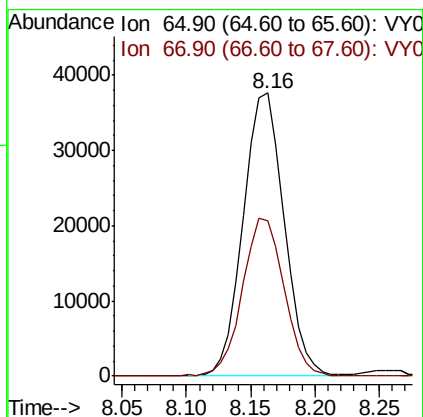
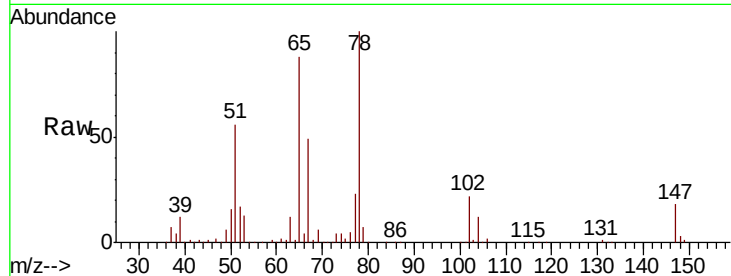




#33
 1,2-Dichloroethane-d4
 Concen: 47.989 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

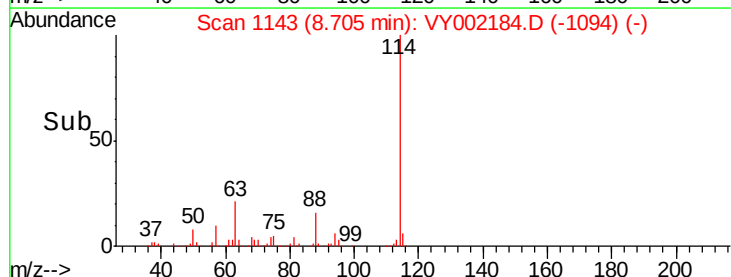
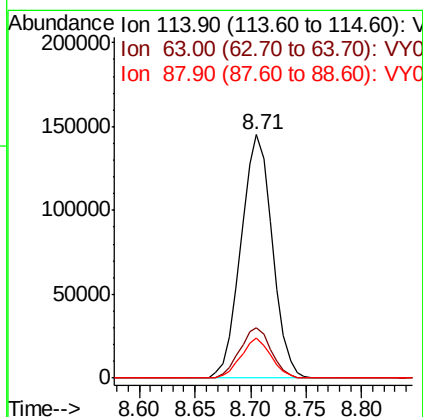
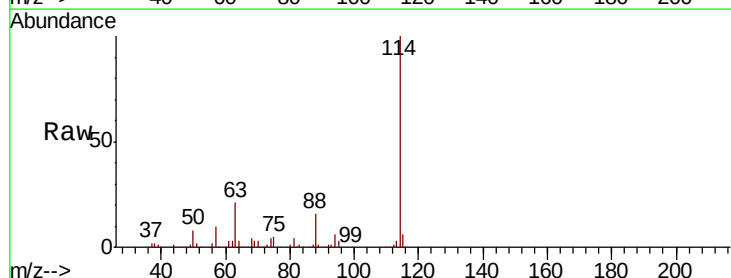
Instrument :
 MSVOA_Y
 ClientSampleId :

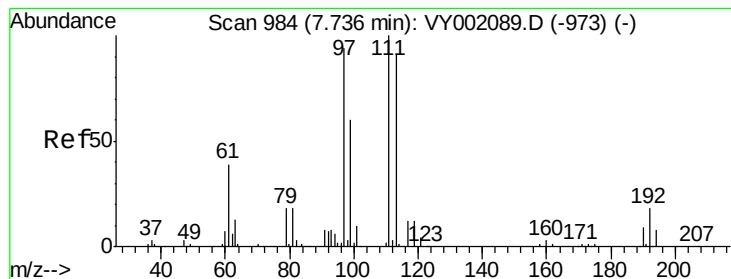
Tot Ion: 65 Resp: 82949
 Ion Ratio Lower Upper
 65 100
 67 56.9 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

Tgt Ion: 114 Resp: 284098
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.787 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Instrument :
MSVOA_Y
ClientSampleId :

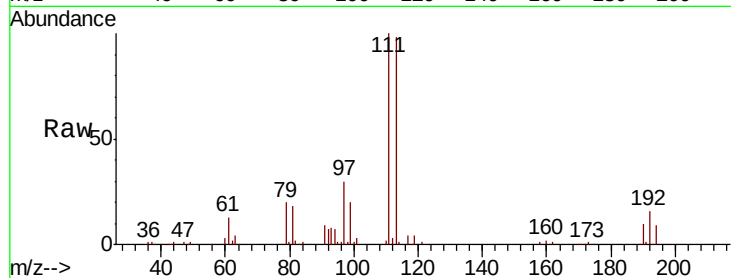
Tot Ion:113 Resp: 77662

Ion Ratio Lower Upper

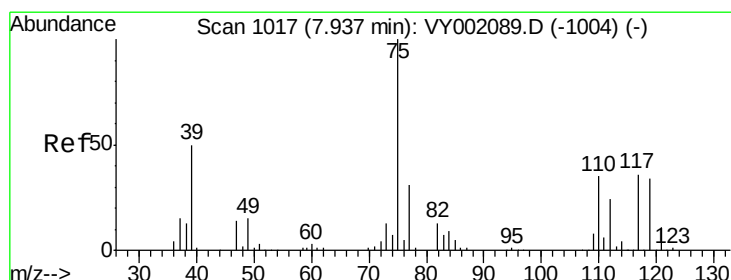
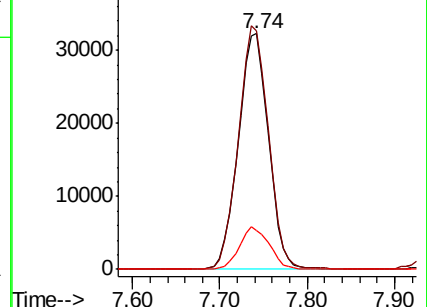
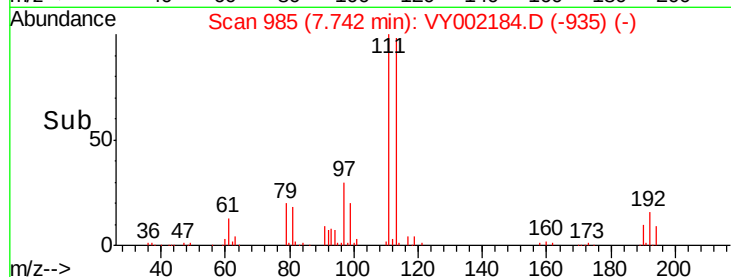
113 100

111 102.7 84.4 126.6

192 17.8 14.6 21.8



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



#36

1,1-Dichloropropene

Concen: 20.487 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

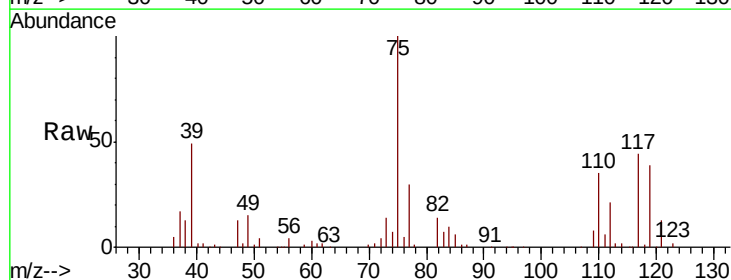
Tgt Ion: 75 Resp: 55051

Ion Ratio Lower Upper

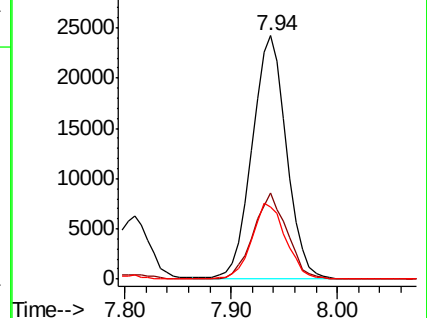
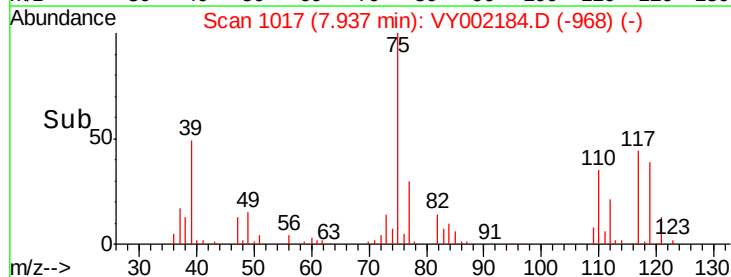
75 100

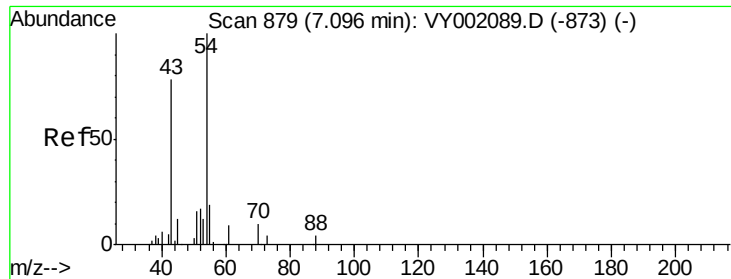
110 34.1 17.2 51.6

77 30.9 24.7 37.1



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

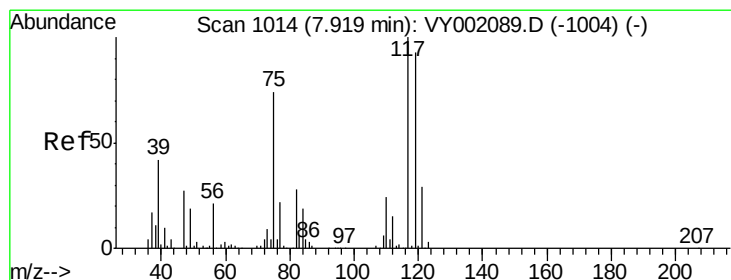
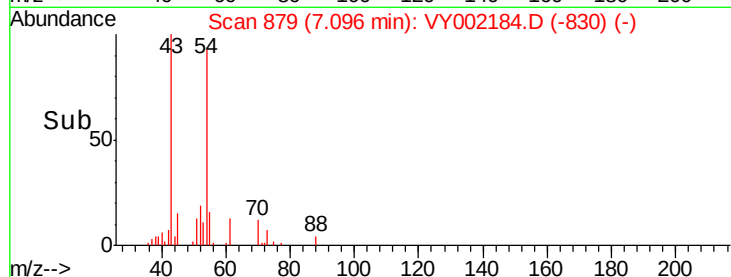
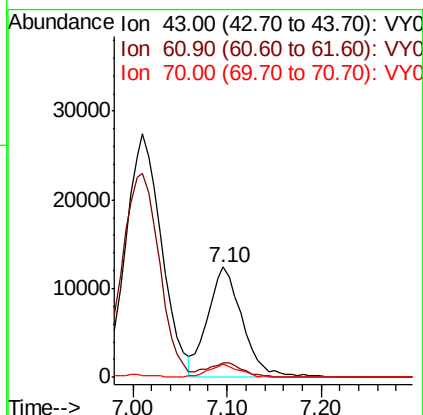
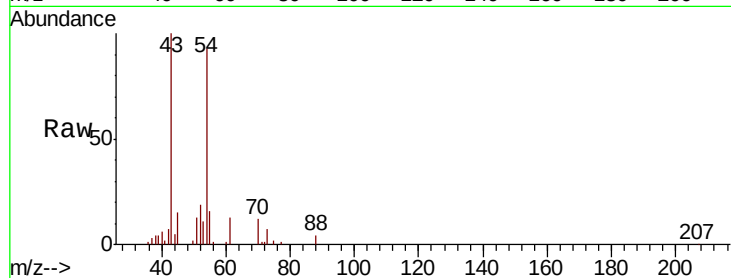




#37
Ethyl Acetate
Concen: 19.776 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

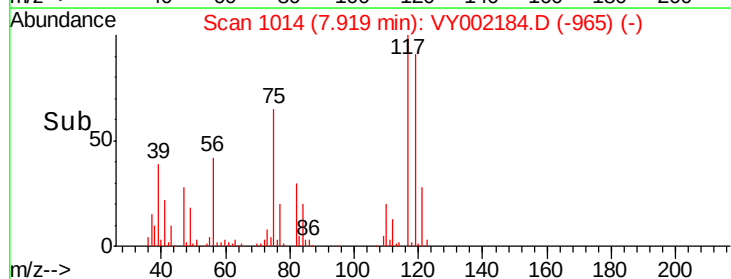
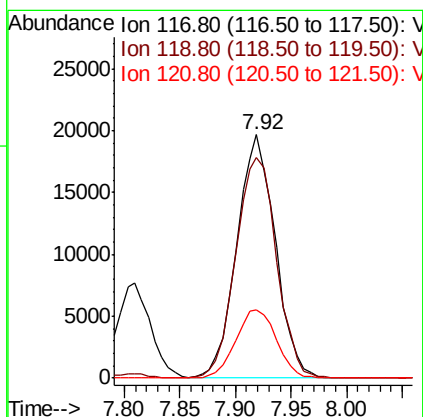
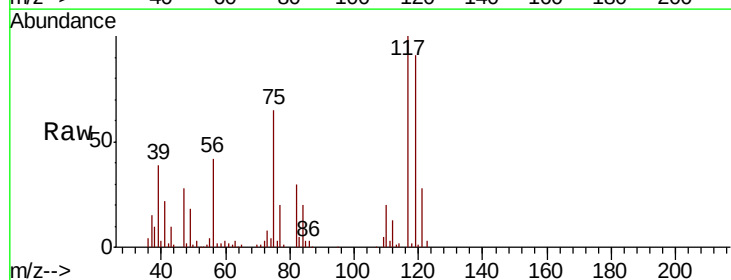
Instrument :
MSVOA_Y
ClientSampled :

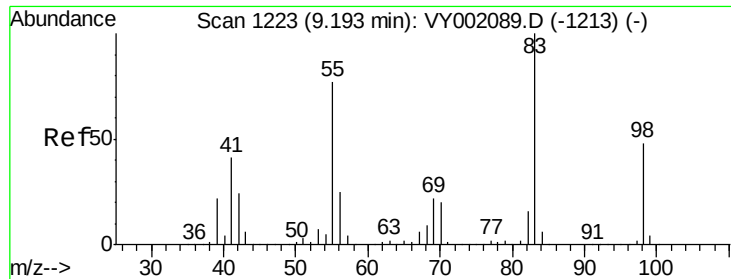
Tot Ion: 43 Resp: 32113
Ion Ratio Lower Upper
43 100
61 13.5 11.2 16.8
70 10.3 8.2 12.4



#38
Carbon Tetrachloride
Concen: 20.713 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion: 117 Resp: 47223
Ion Ratio Lower Upper
117 100
119 90.7 74.3 111.5
121 27.9 23.3 34.9

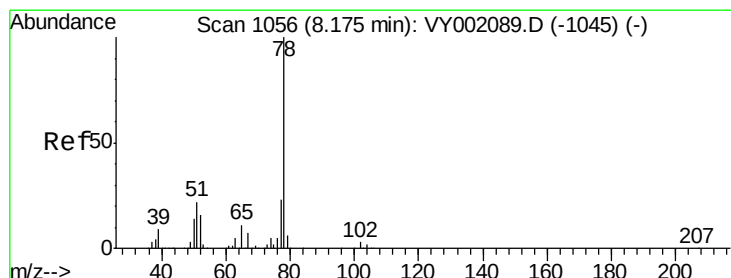
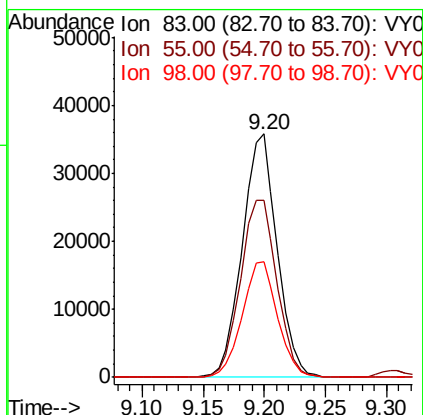
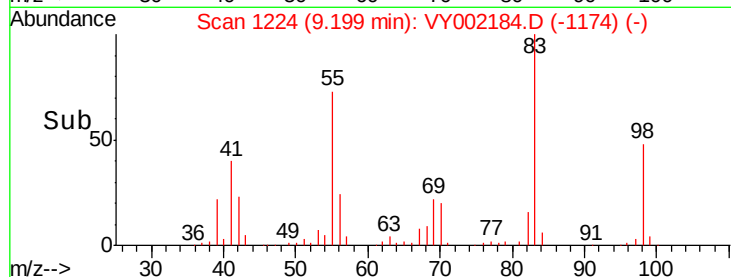
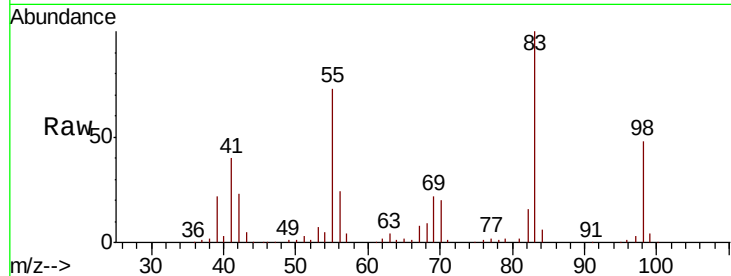




#39
Methylvlcyclohexane
Concen: 20.097 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

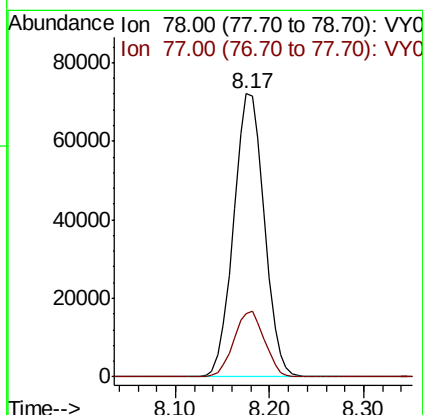
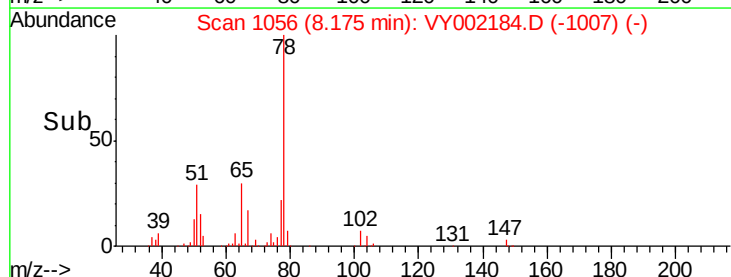
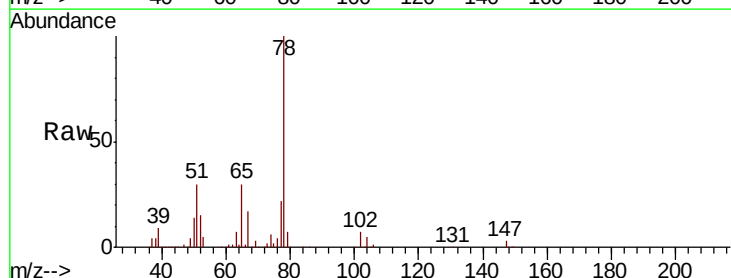
Instrument :
MSVOA_Y
ClientSampled :

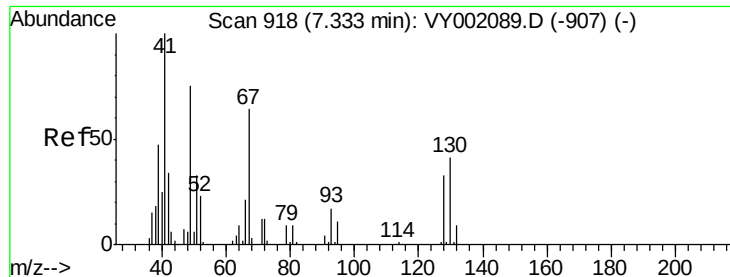
Tot Ion: 83 Resp: 70837
Ion Ratio Lower Upper
83 100
55 72.8 61.2 91.8
98 47.5 38.2 57.2



#40
Benzene
Concen: 20.419 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion: 78 Resp: 162532
Ion Ratio Lower Upper
78 100
77 22.4 18.2 27.4

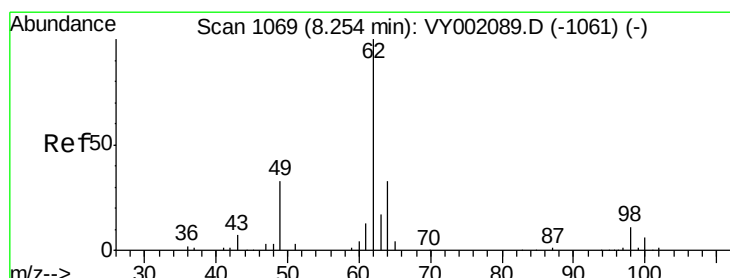
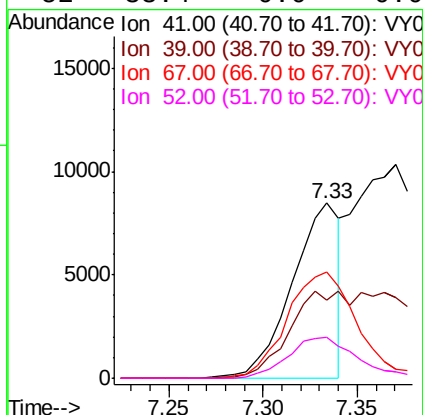
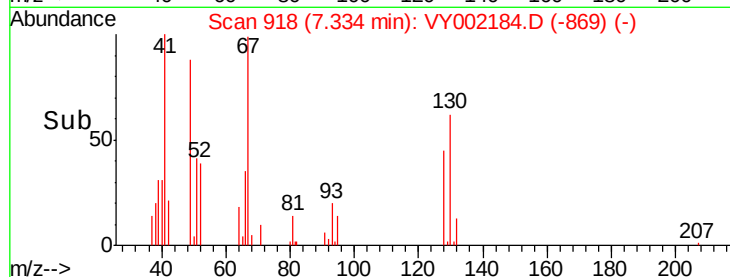
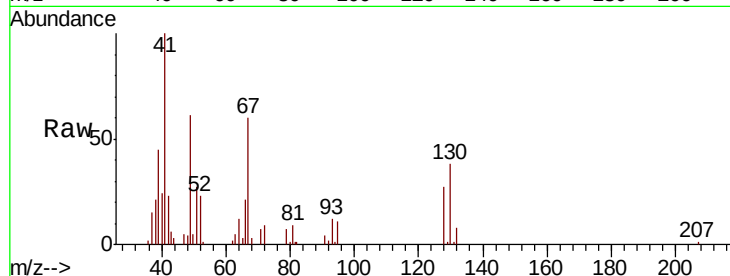




#41
Methacrylonitrile
Concen: 18.246 ug/l
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

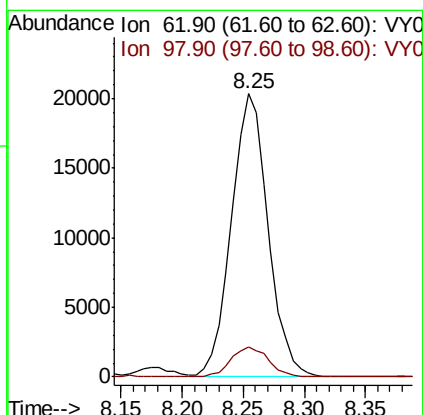
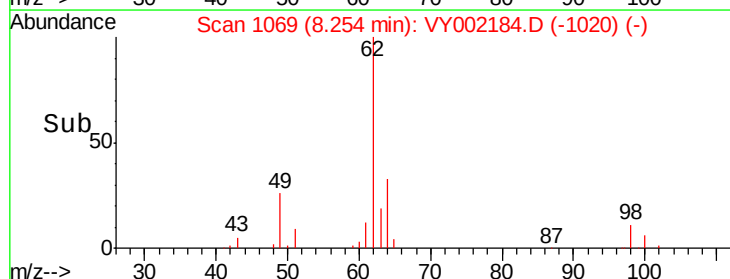
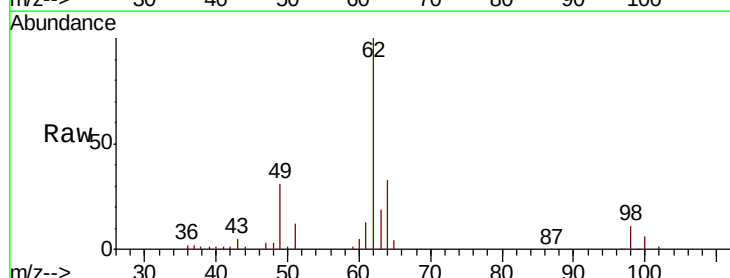
Instrument :
MSVOA_Y
ClientSampled :

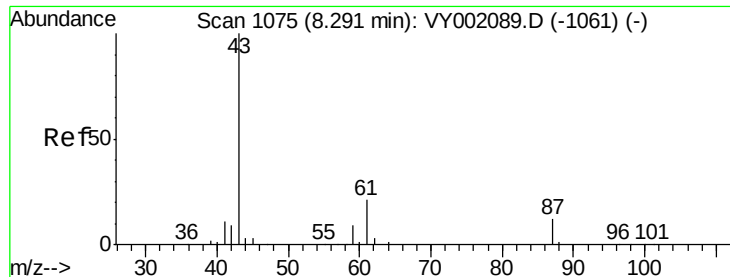
Tot Ion: 41 Resp: 14987
Ion Ratio Lower Upper
41 100
39 61.0 0.0 0.0#
67 87.0 0.0 0.0#
52 33.4 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.966 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion: 62 Resp: 42192
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.2





#43

Isopropyl Acetate

Concen: 19.522 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Instrument :

MSVOA_Y

ClientSampleId :

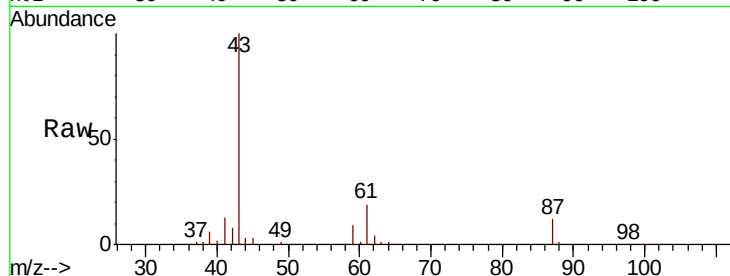
Tot Ion: 43 Resp: 58839

Ion Ratio Lower Upper

43 100

61 29.1 23.4 35.2

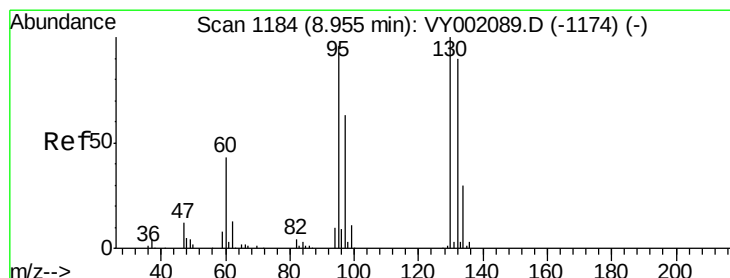
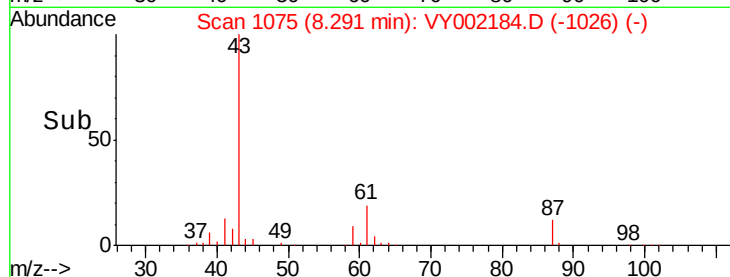
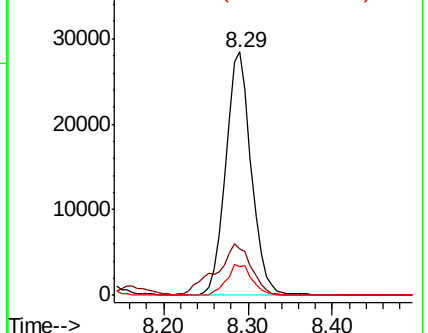
87 12.5 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY002184.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002184.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002184.D (-1061) (-)



#44

Trichloroethene

Concen: 20.480 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VY002184.D

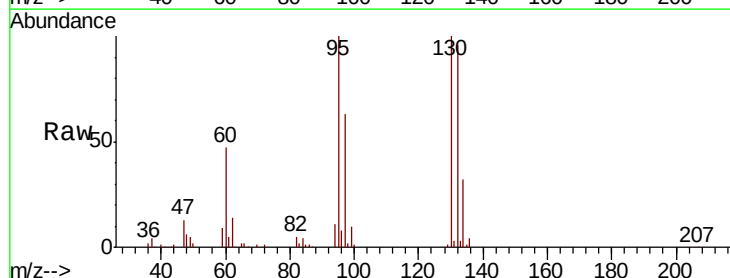
Acq: 02 Apr 2020 12:18

Tgt Ion:130 Resp: 39296

Ion Ratio Lower Upper

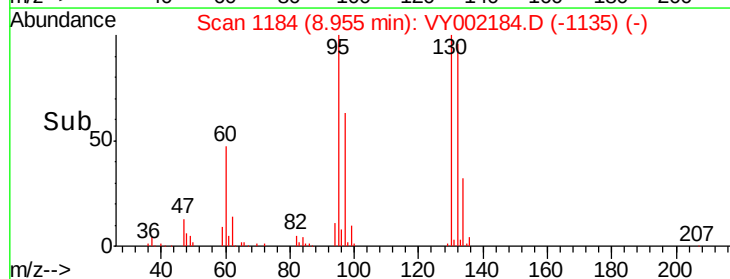
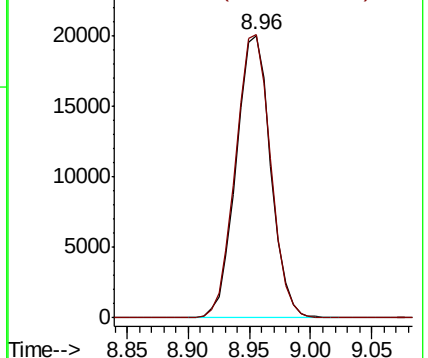
130 100

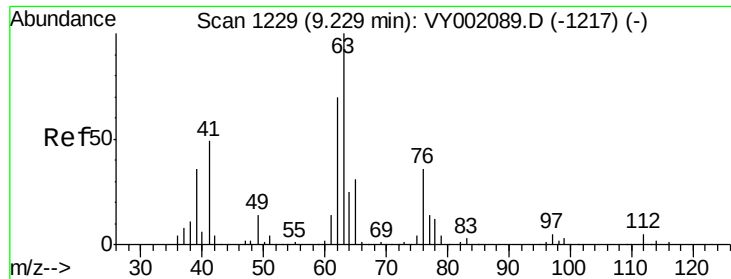
95 100.3 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VY002184.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY002184.D (-1174) (-)

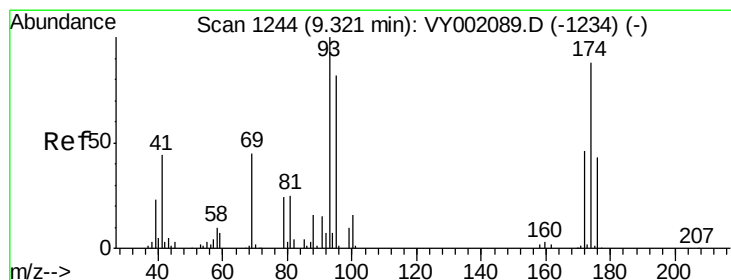
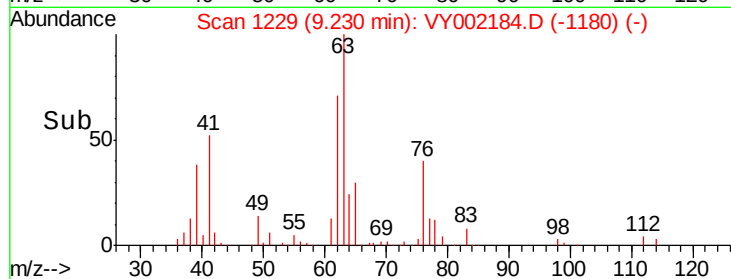
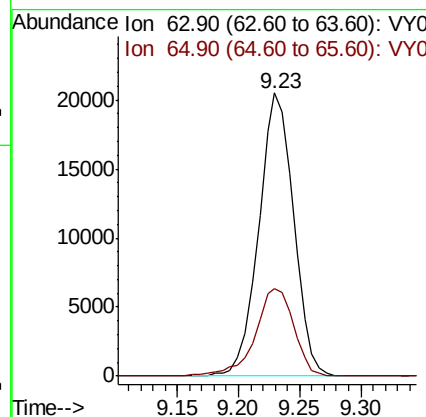
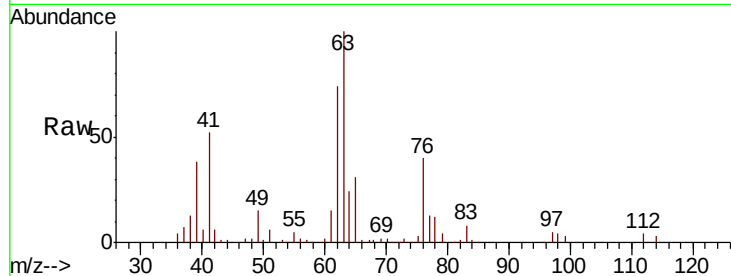




#45
 1,2-Dichloropropane
 Concen: 20.085 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

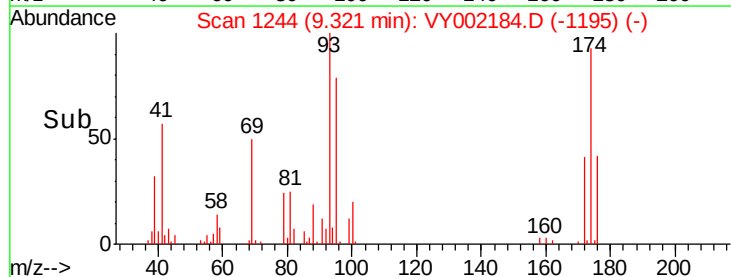
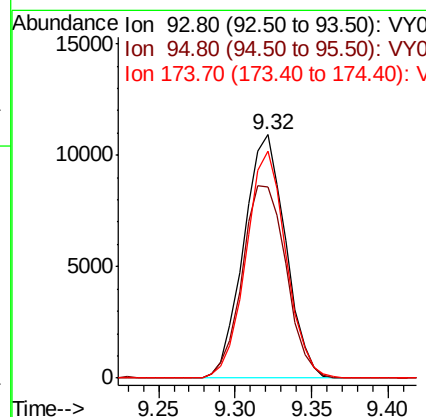
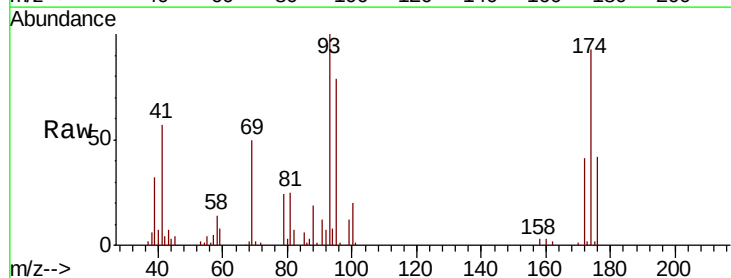
Instrument :
 MSVOA_Y
 ClientSampled :

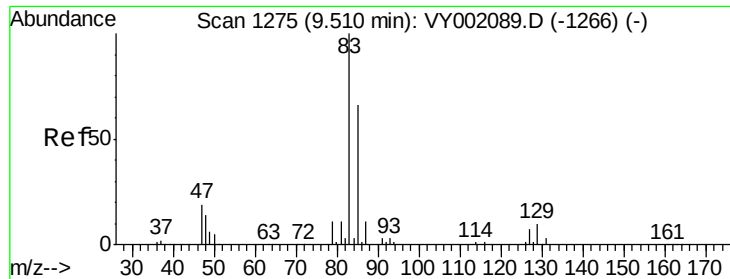
Tot Ion: 63 Resp: 40707
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6



#46
 Dibromomethane
 Concen: 20.008 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

Tgt Ion: 93 Resp: 20825
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.0 99.0
 174 89.1 69.8 104.8





#47

Bromodichloromethane

Concen: 20.596 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Instrument :

MSVOA_Y

ClientSampleId :

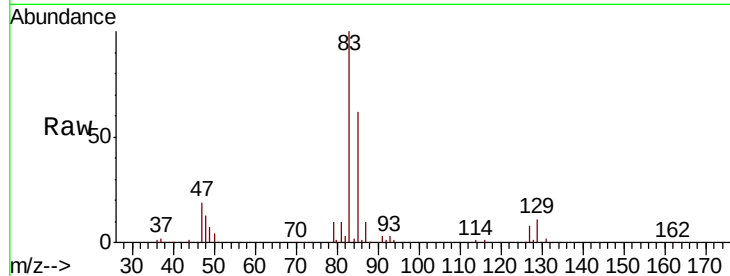
Tot Ion: 83 Resp: 49905

Ion Ratio Lower Upper

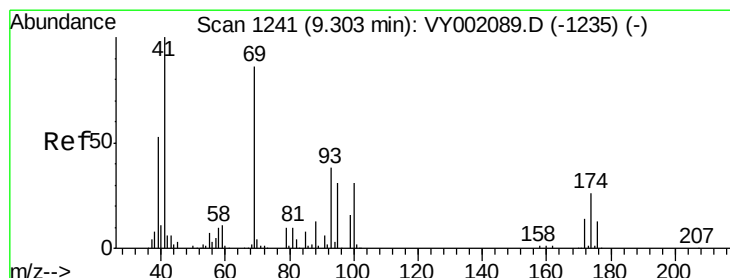
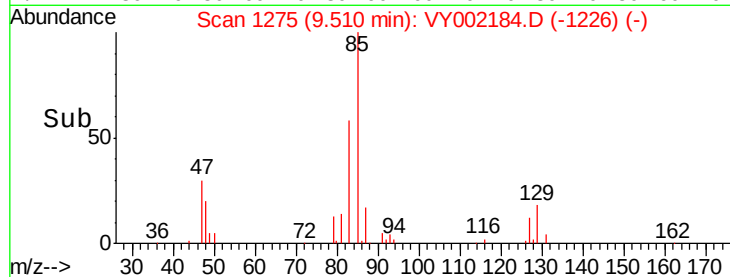
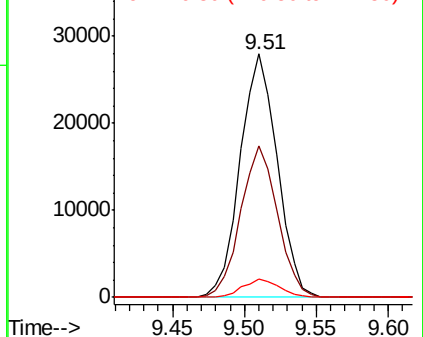
83 100

85 62.4 52.6 79.0

127 7.6 5.9 8.9



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



#48

Methyl methacrylate

Concen: 19.854 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

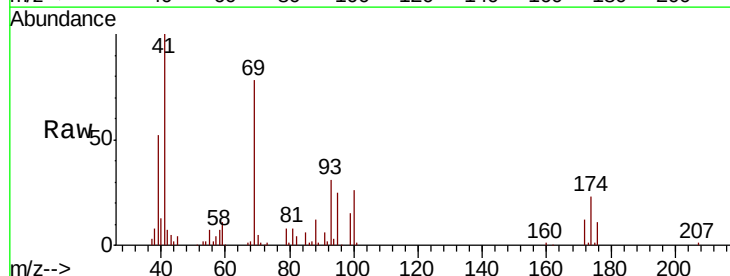
Tgt Ion: 41 Resp: 26816

Ion Ratio Lower Upper

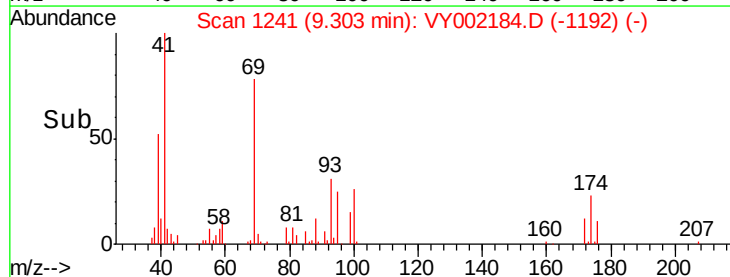
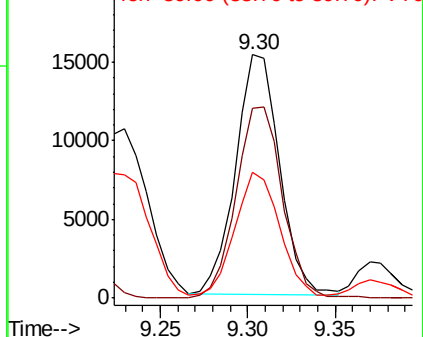
41 100

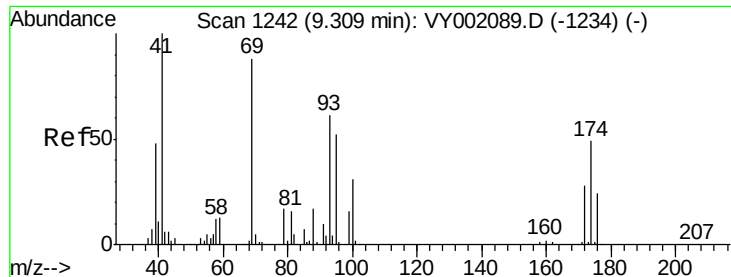
69 83.6 71.4 107.0

39 51.8 41.0 61.4



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

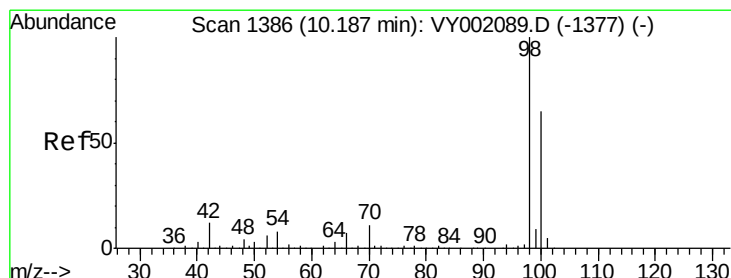
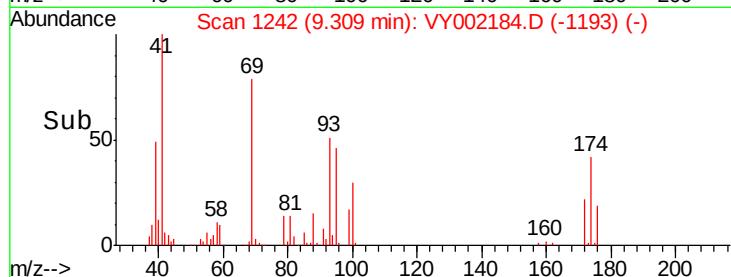
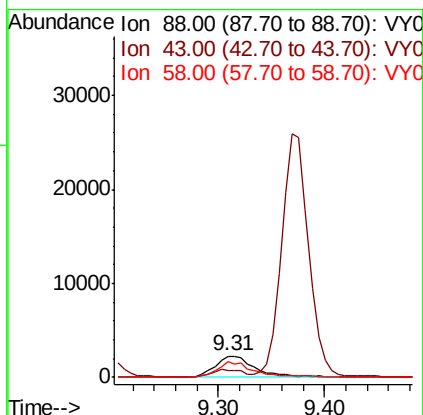
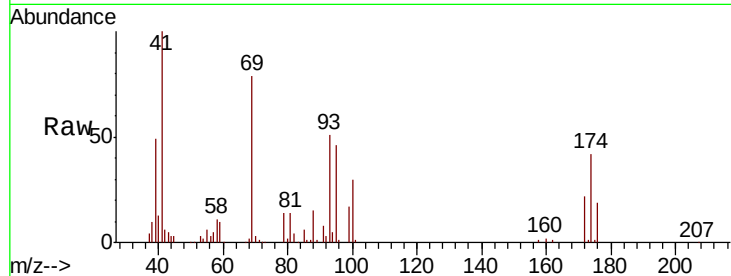




#49
1,4-Dioxane
Concen: 412.522 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

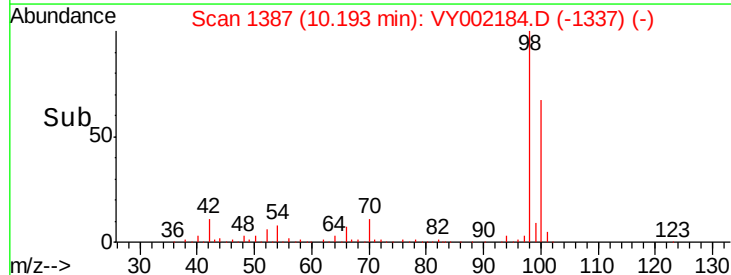
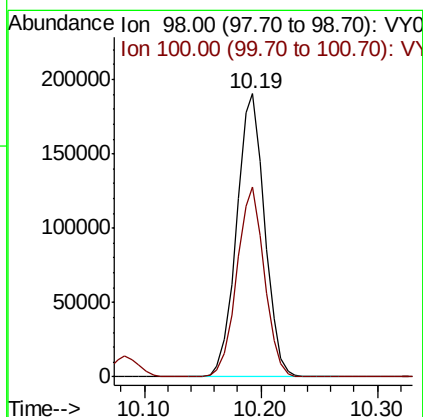
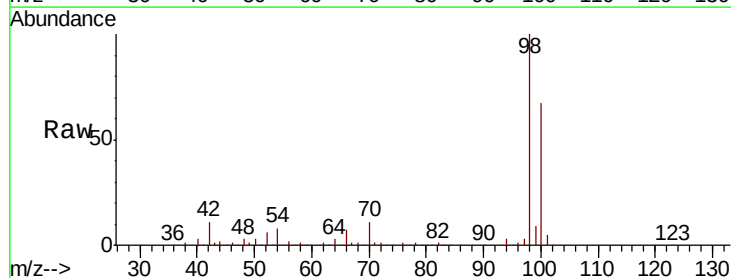
Instrument :
MSVOA_Y
ClientSampleId :

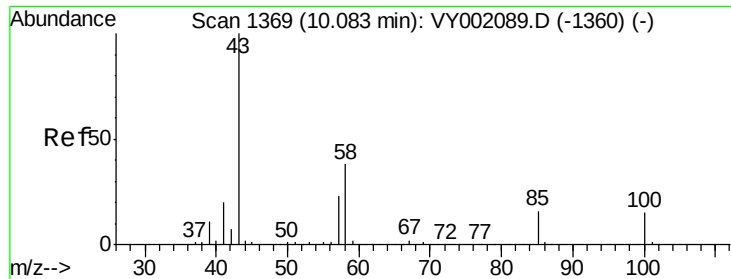
Tot Ion: 88 Resp: 5892
Ion Ratio Lower Upper
88 100
43 30.2 27.2 40.8
58 67.1 59.8 89.8



#50
Toluene-d8
Concen: 48.197 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion: 98 Resp: 318722
Ion Ratio Lower Upper
98 100
100 66.0 51.6 77.4

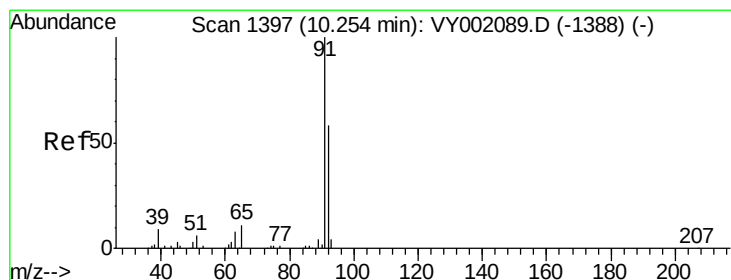
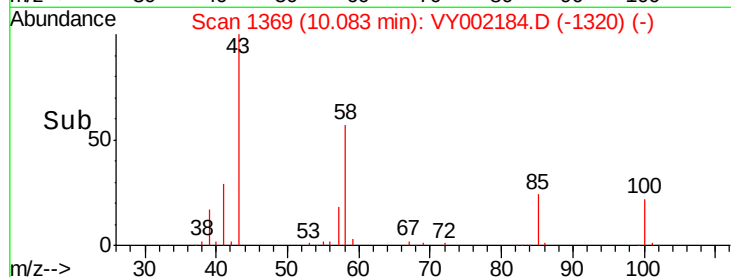
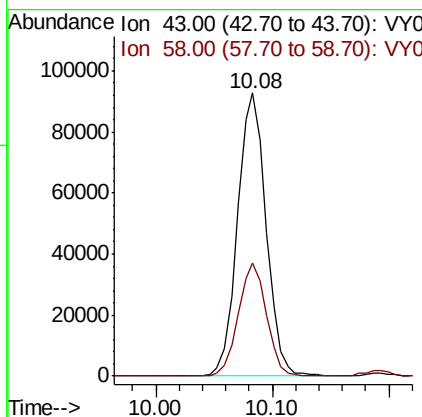
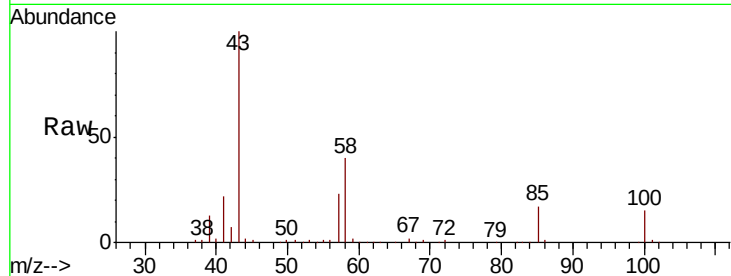




#51
4-Methyl-2-Pentanone
Concen: 102.166 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

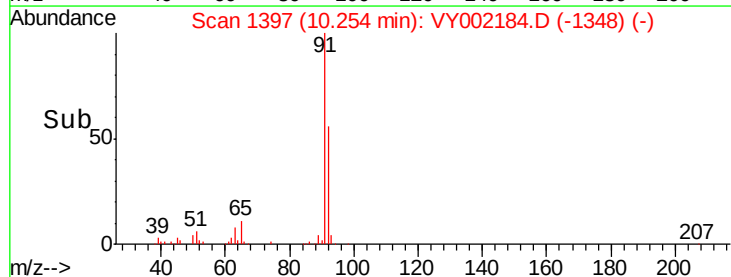
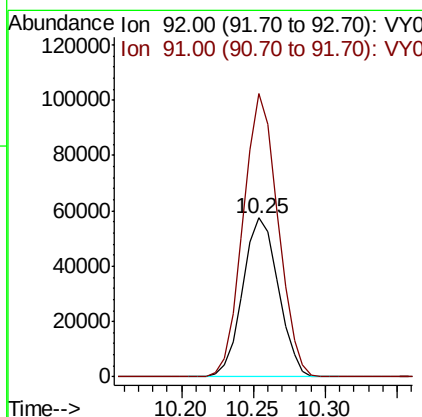
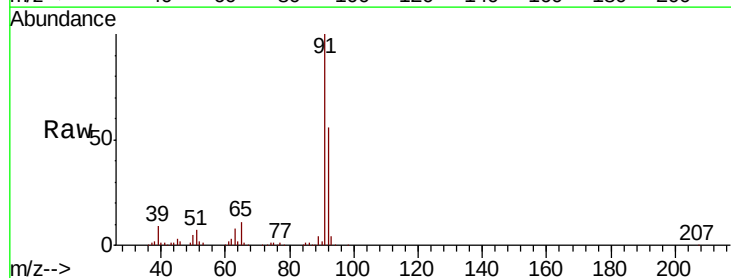
Instrument :
MSVOA_Y
ClientSampleId :

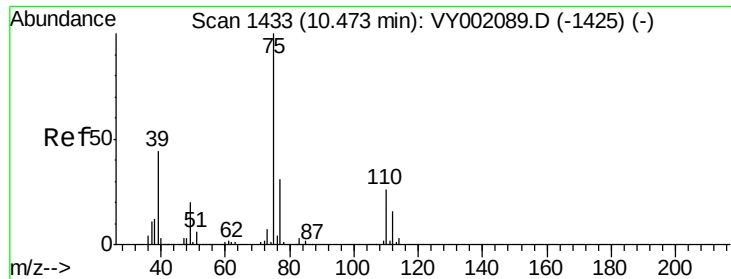
Tot Ion: 43 Resp: 158557
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4



#52
Toluene
Concen: 20.435 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion: 92 Resp: 98381
Ion Ratio Lower Upper
92 100
91 174.2 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 19.716 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Instrument :

MSVOA_Y

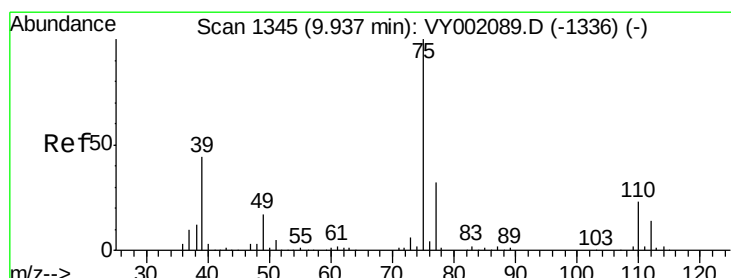
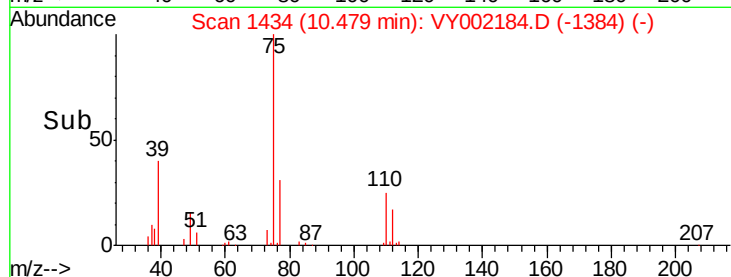
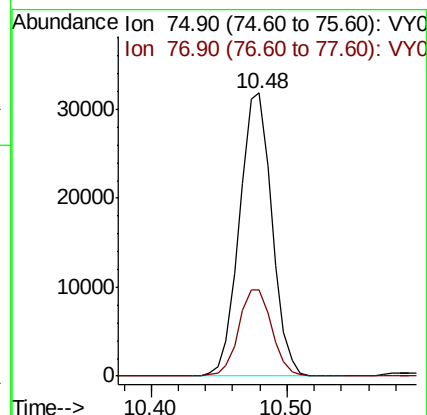
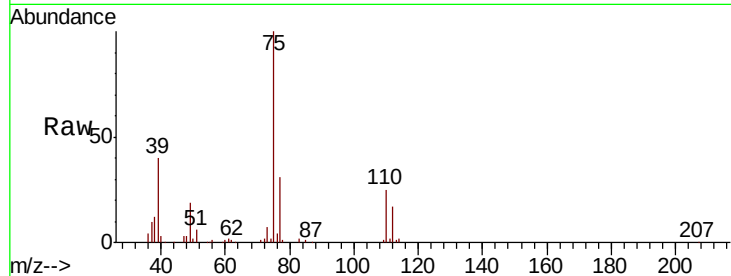
ClientSampleId :

Tot Ion: 75 Resp: 53023

Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.649 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

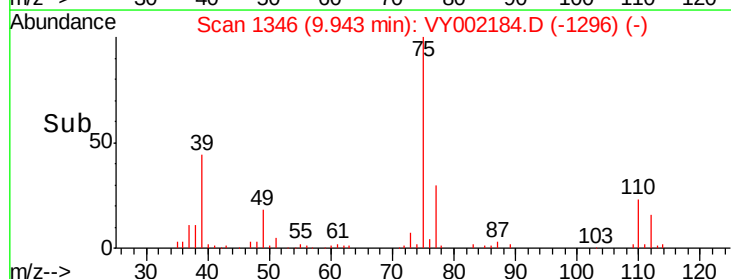
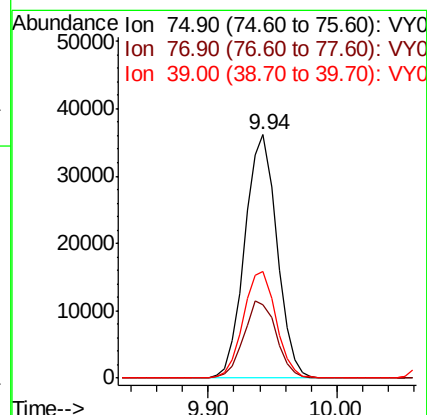
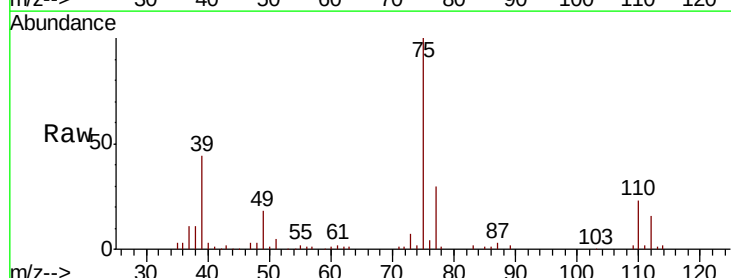
Tgt Ion: 75 Resp: 62218

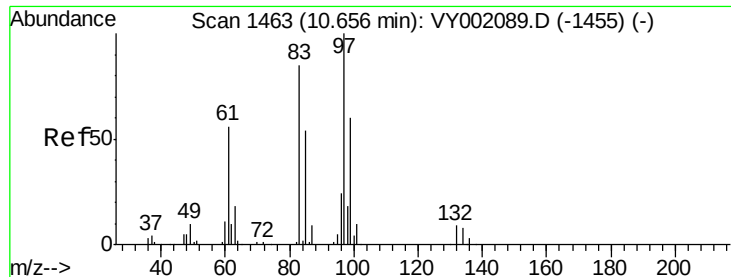
Ion Ratio Lower Upper

75 100

77 29.9 25.6 38.4

39 43.9 35.2 52.8

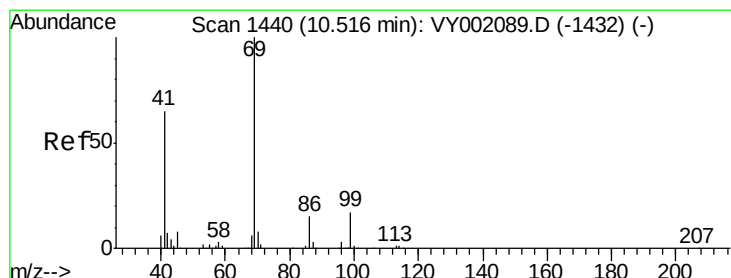
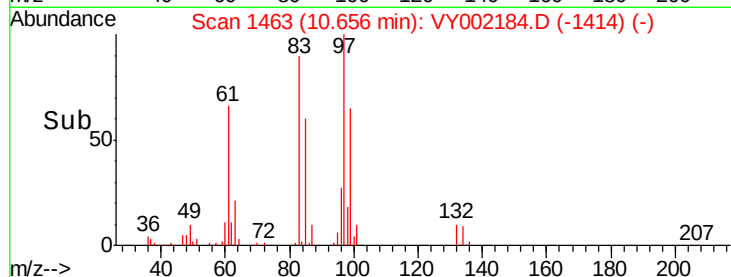
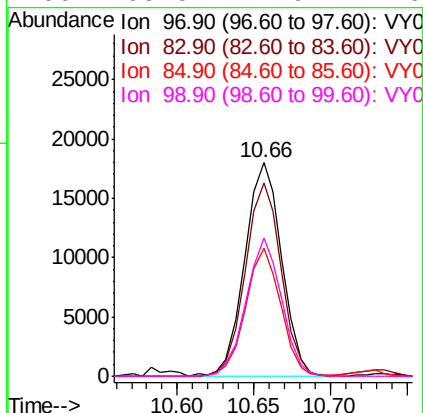
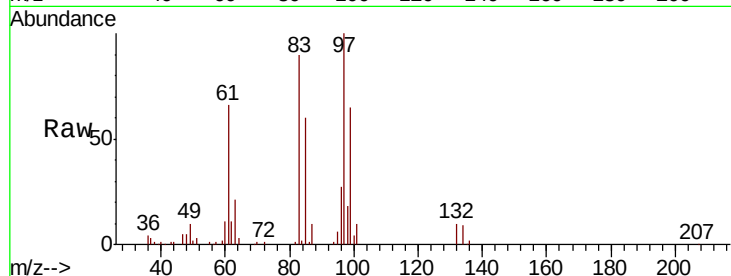




#55
 1,1,2-Trichloroethane
 Concen: 19.559 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

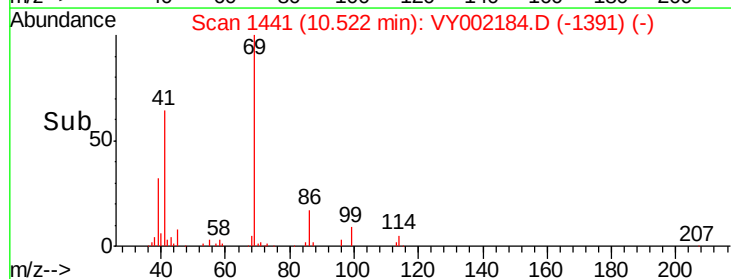
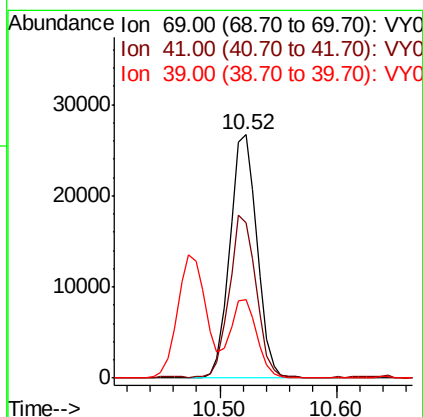
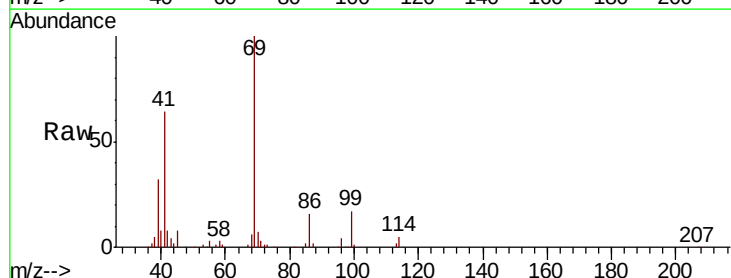
Instrument :
 MSVOA_Y
 ClientSampleId :

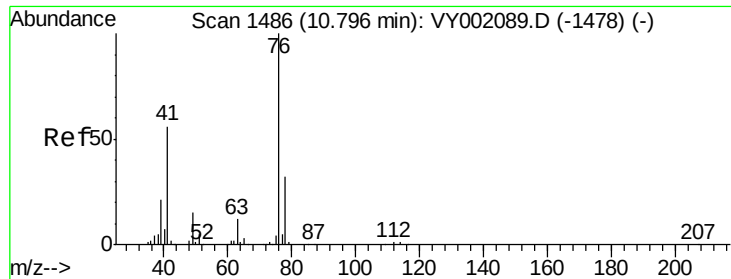
Tot Ion:	97	Resp:	30130
Ion	Ratio	Lower	Upper
97	100		
83	90.3	68.2	102.2
85	59.8	42.9	64.3
99	65.0	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 19.312 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

Tgt Ion:	69	Resp:	43451
Ion	Ratio	Lower	Upper
69	100		
41	66.5	52.8	79.2
39	32.5	25.0	37.6





#57

1,3-Dichloropropane

Concen: 19.810 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Instrument :

MSVOA_Y

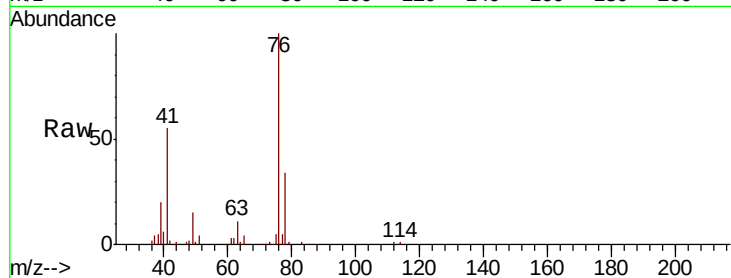
ClientSampled :

Tot Ion: 76 Resp: 53917

Ion Ratio Lower Upper

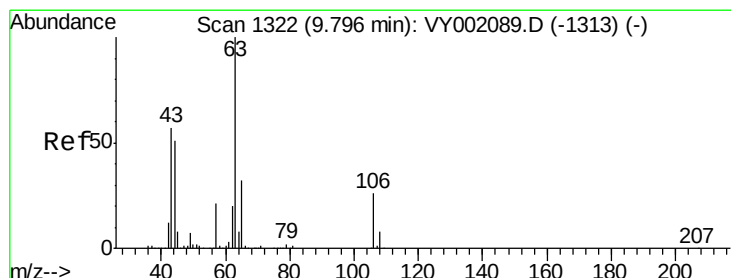
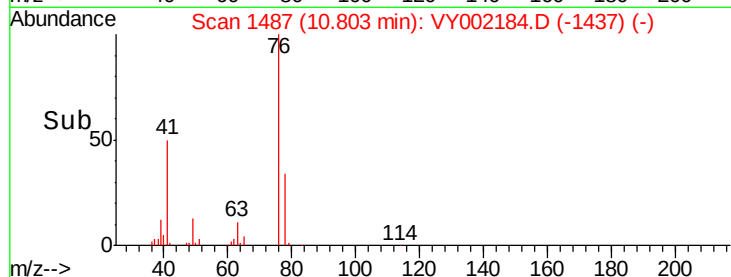
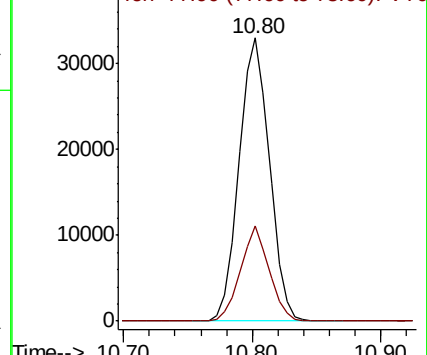
76 100

78 31.7 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 99.773 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY002184.D

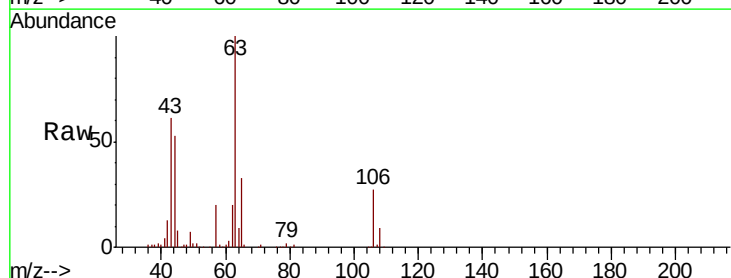
Acq: 02 Apr 2020 12:18

Tgt Ion: 63 Resp: 115352

Ion Ratio Lower Upper

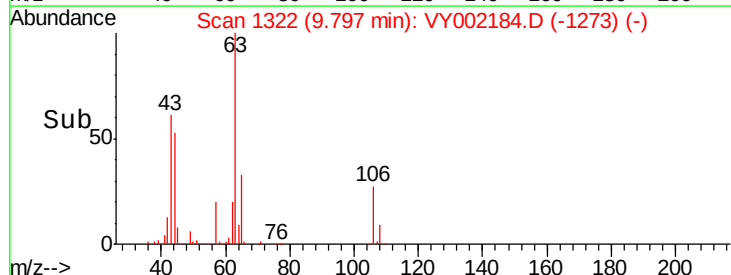
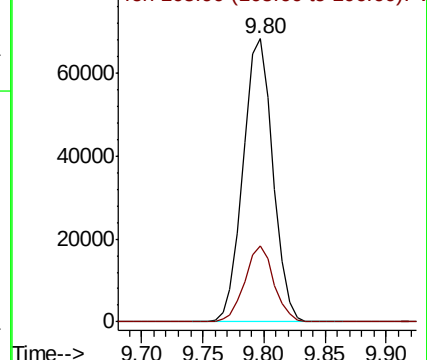
63 100

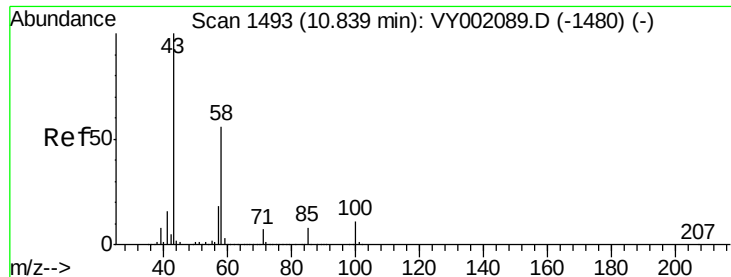
106 26.2 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

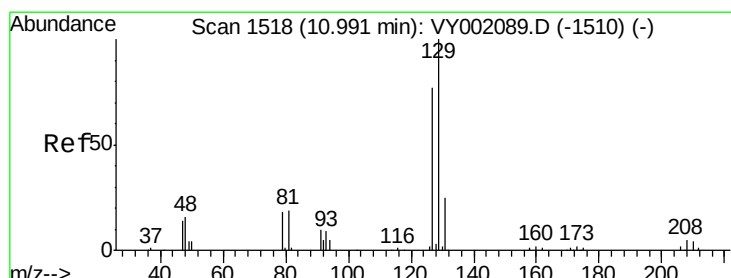
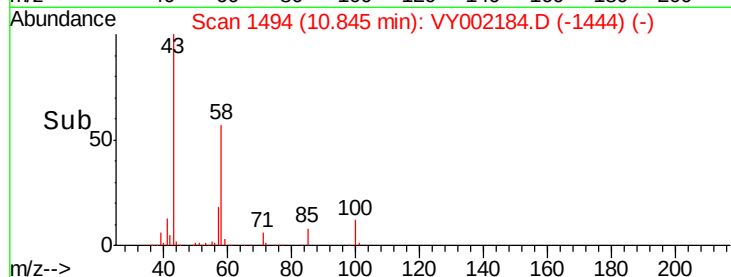
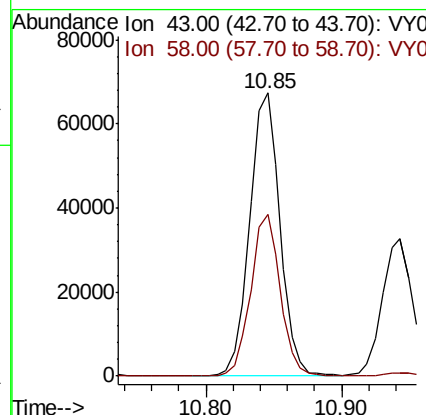
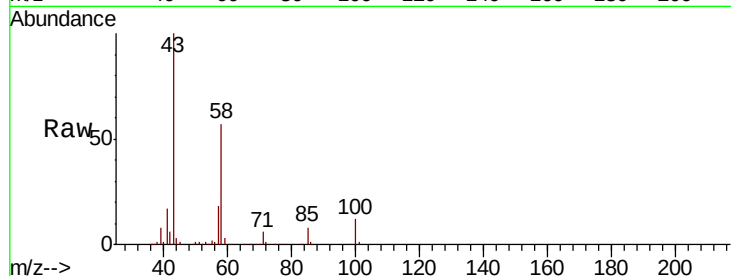




#59
2-Hexanone
Concen: 96.281 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

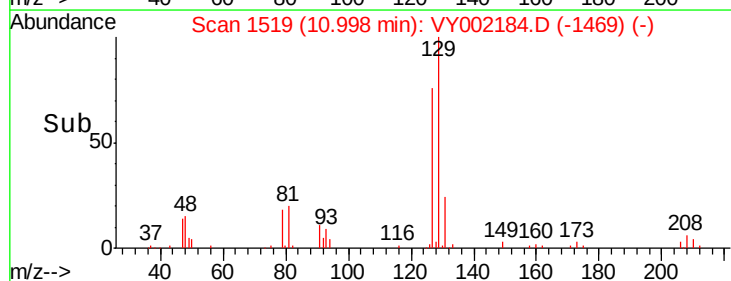
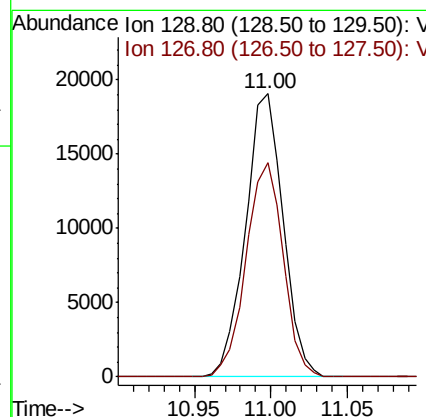
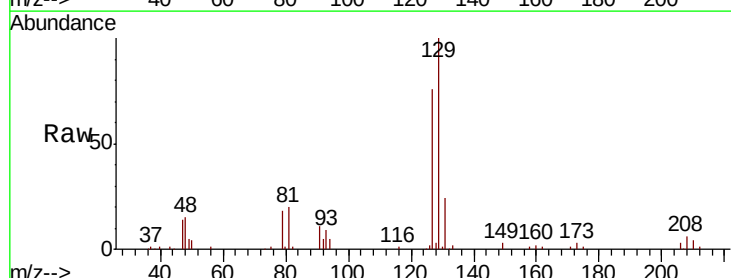
Instrument :
MSVOA_Y
ClientSampleId :

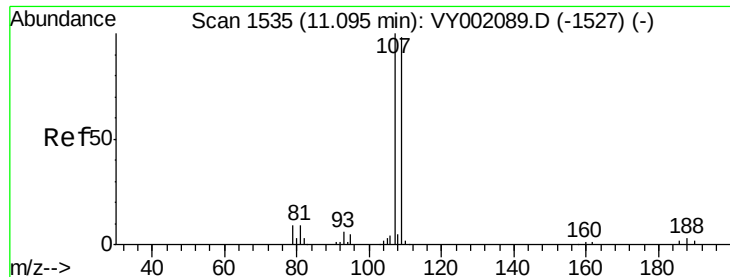
Tot Ion: 43 Resp: 105256
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.6



#60
Dibromochloromethane
Concen: 20.240 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion: 129 Resp: 32626
Ion Ratio Lower Upper
129 100
127 74.4 38.7 116.1

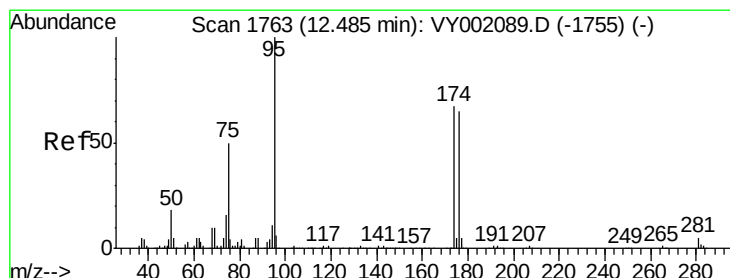
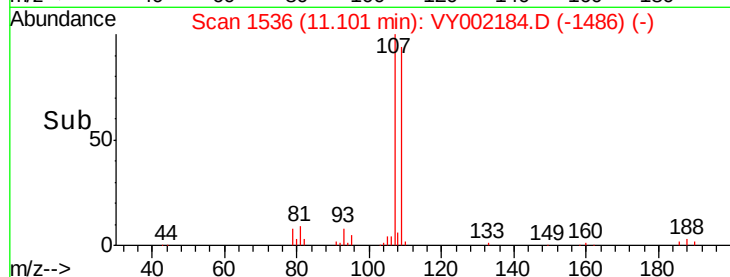
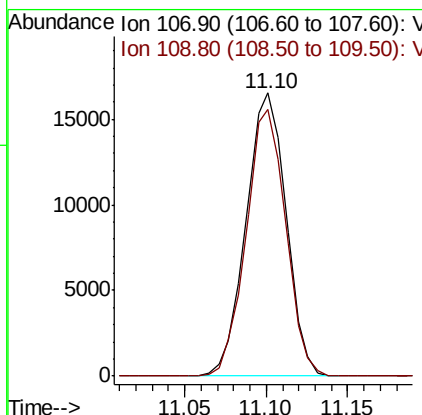
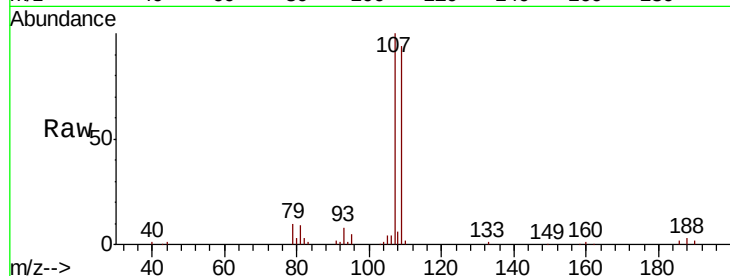




#61
 1,2-Dibromoethane
 Concen: 19.653 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

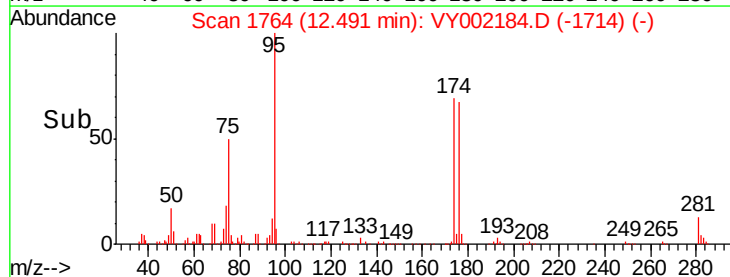
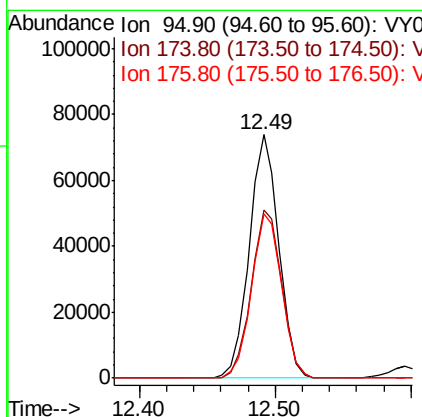
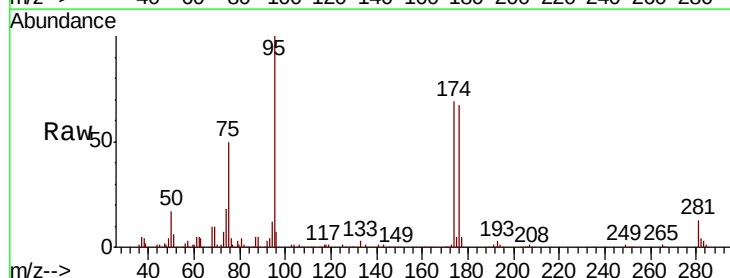
Instrument :
 MSVOA_Y
 ClientSampleId :

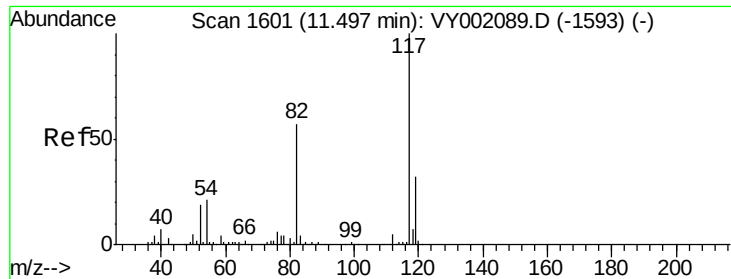
Tot Ion: 107 Resp: 28337
 Ion Ratio Lower Upper
 107 100
 109 93.0 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 48.448 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

Tgt Ion: 95 Resp: 112049
 Ion Ratio Lower Upper
 95 100
 174 71.4 0.0 143.4
 176 69.2 0.0 137.0

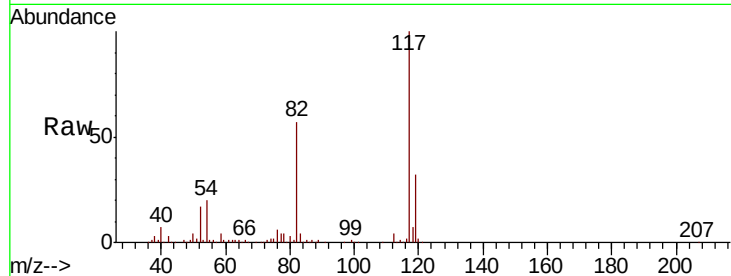




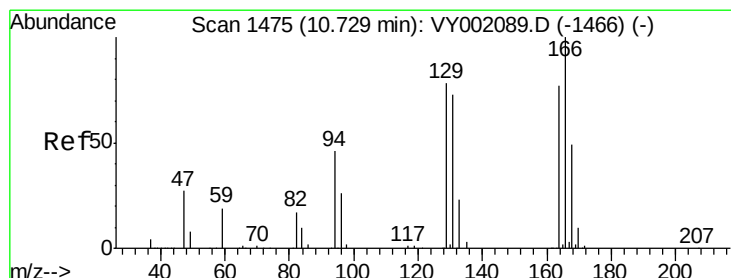
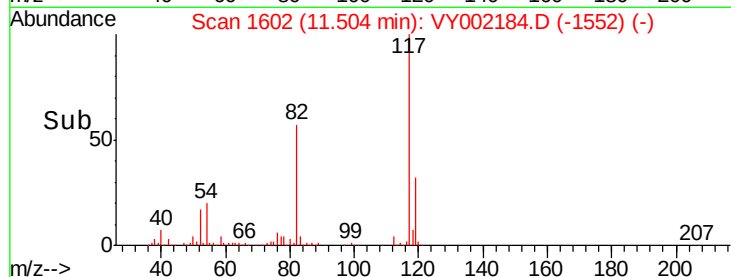
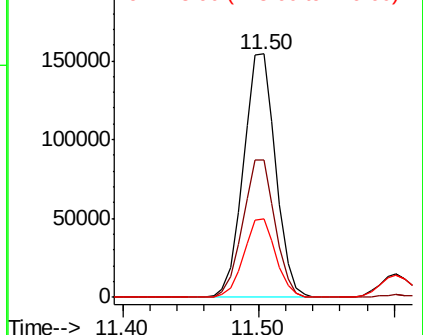
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 254663
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 32.5 25.3 37.9

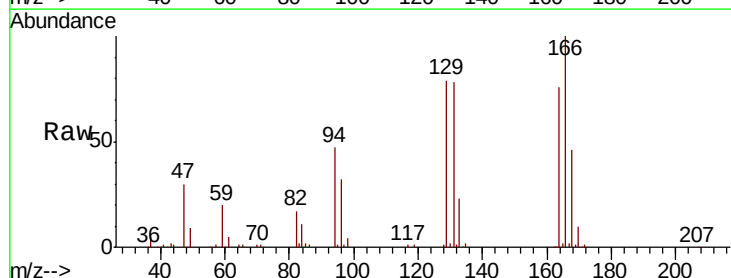


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

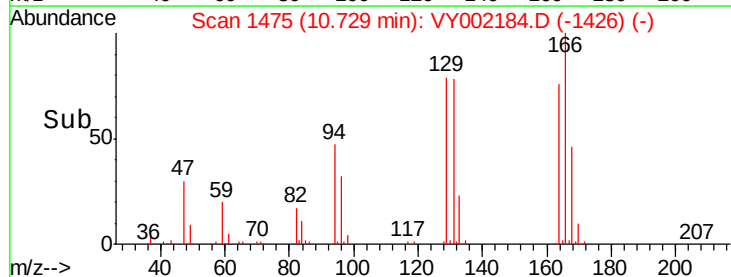
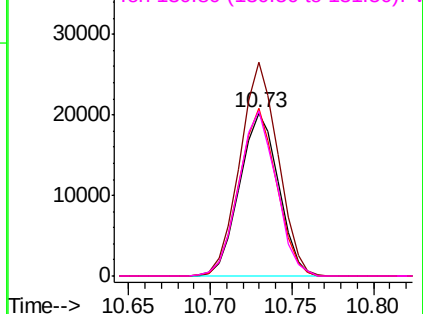


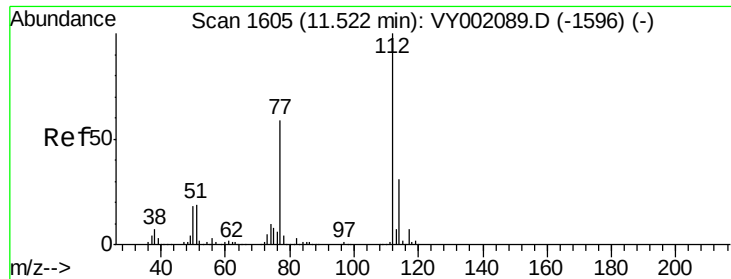
#64
Tetrachloroethene
Concen: 21.612 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion:164 Resp: 33674
Ion Ratio Lower Upper
164 100
166 130.9 104.0 156.0
129 103.2 81.2 121.8
131 101.5 75.8 113.6



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

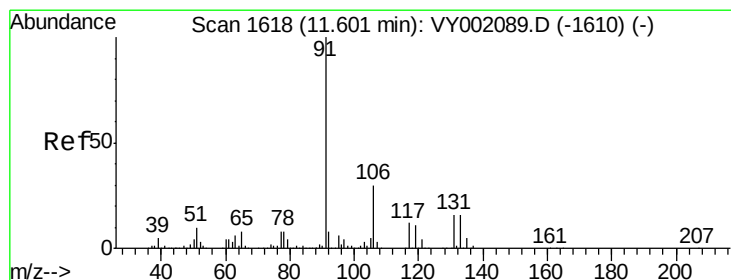
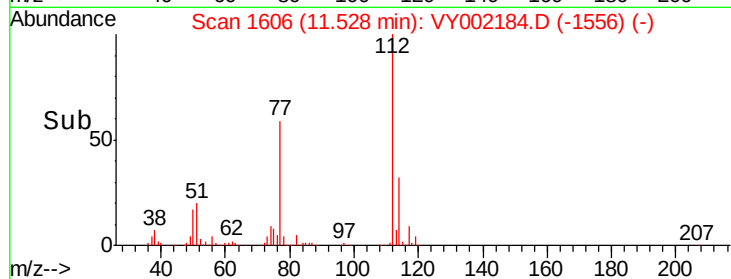
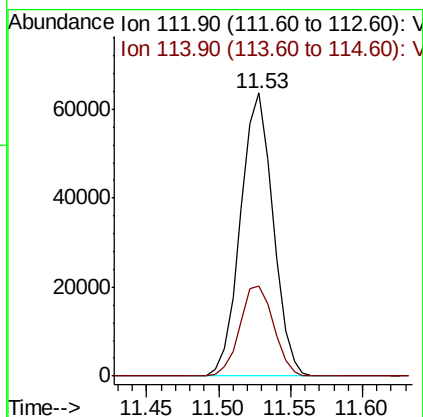
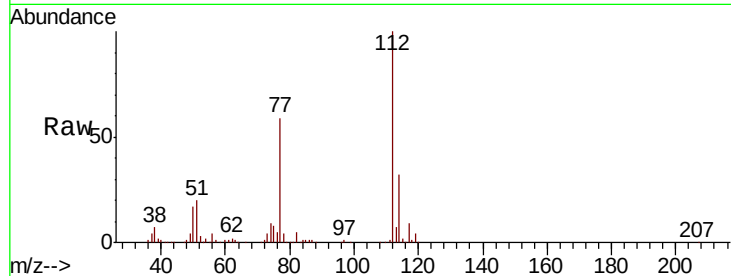




#65
Chlorobenzene
Concen: 20.284 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

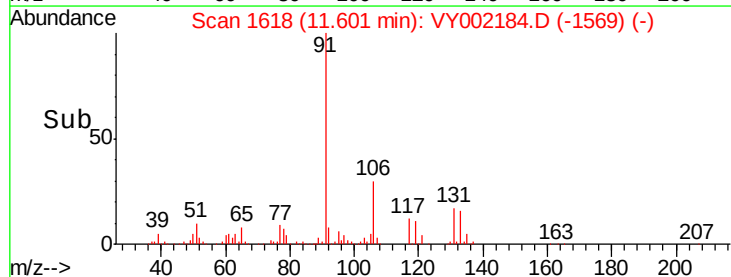
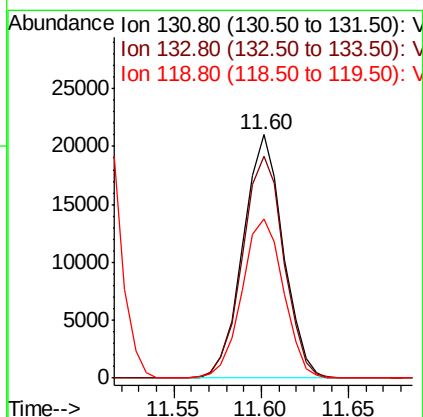
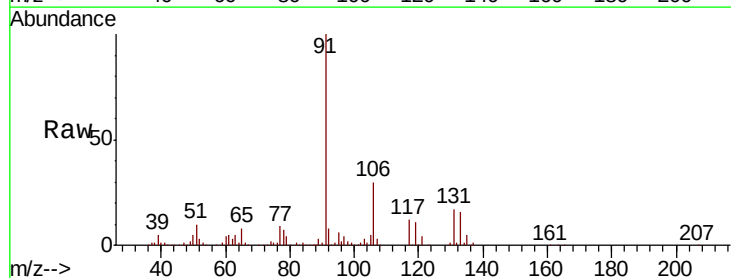
Instrument :
MSVOA_Y
ClientSampleId :

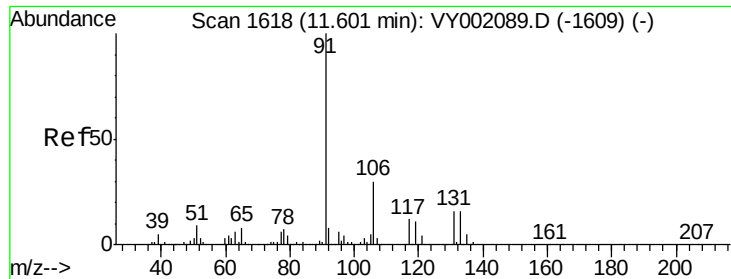
Tot Ion:112 Resp: 99713
Ion Ratio Lower Upper
112 100
114 31.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.435 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion:131 Resp: 33607
Ion Ratio Lower Upper
131 100
133 94.0 47.5 142.5
119 67.4 34.6 103.9

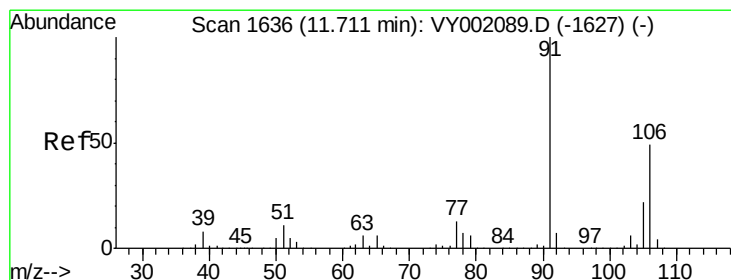
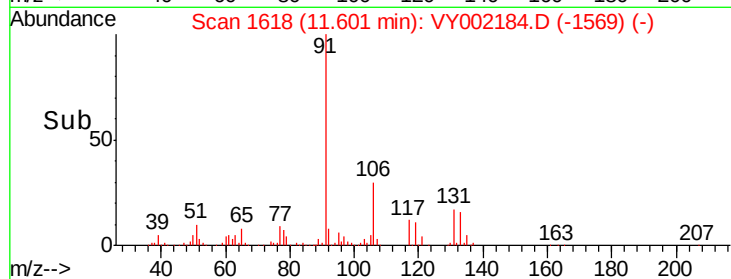
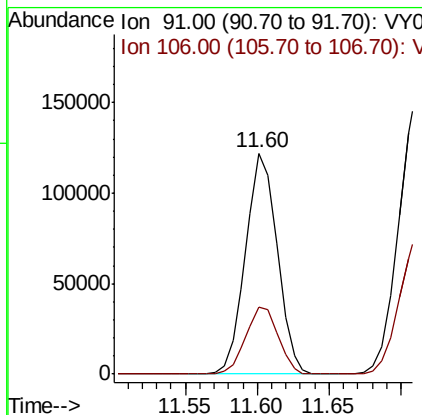
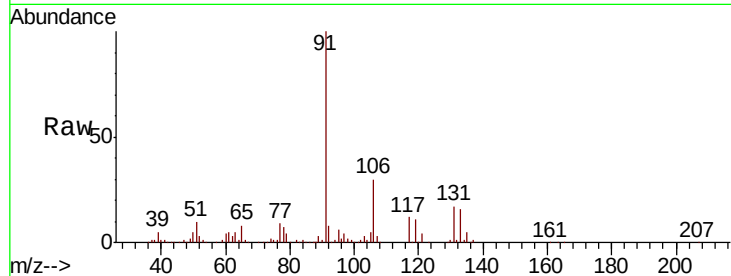




#67
Ethyl Benzene
Concen: 20.375 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

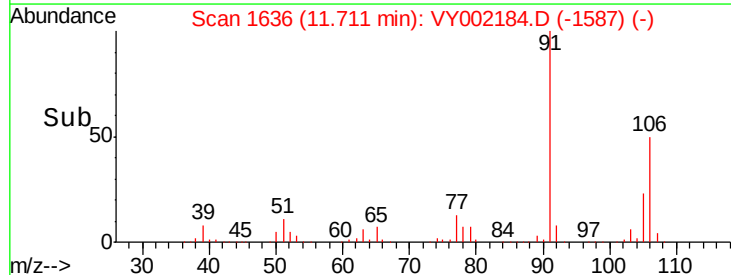
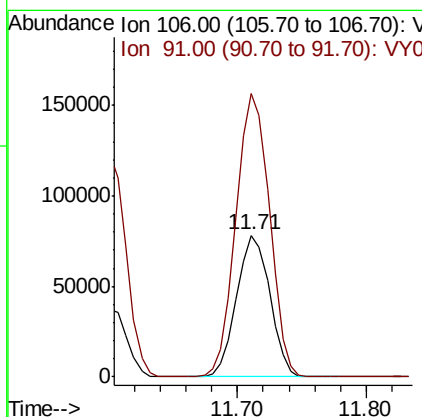
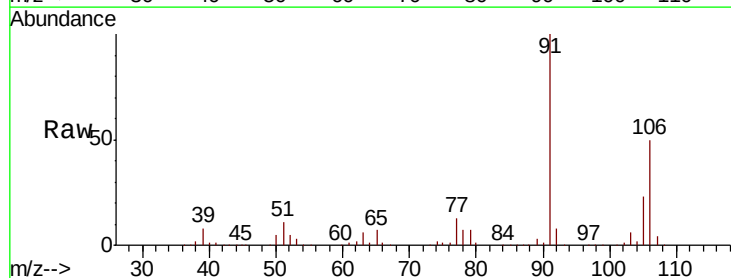
Instrument :
MSVOA_Y
ClientSampleId :

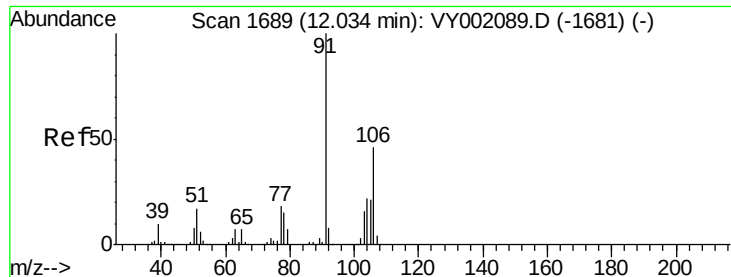
Tot Ion: 91 Resp: 186027
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1



#68
m/p-Xylenes
Concen: 41.545 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion: 106 Resp: 140243
Ion Ratio Lower Upper
106 100
91 202.1 162.8 244.2

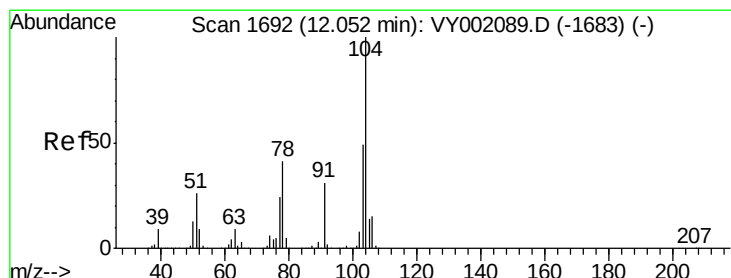
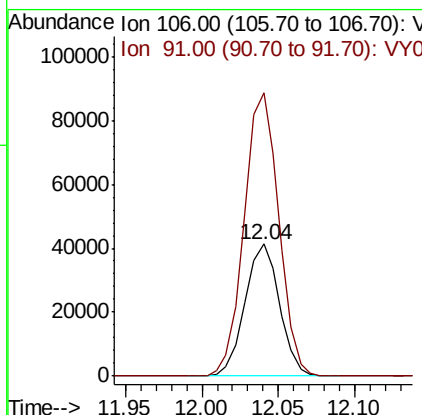
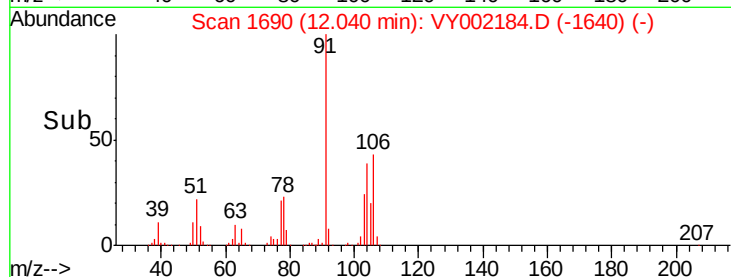
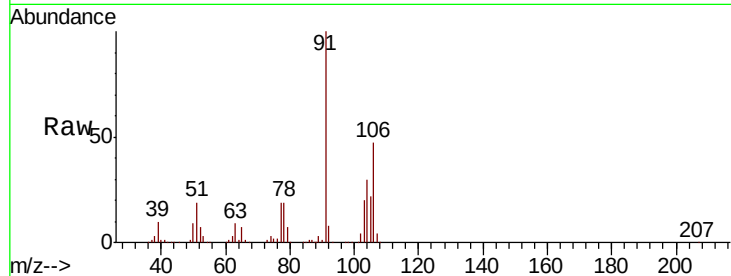




#69
o-Xylene
Concen: 20.295 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

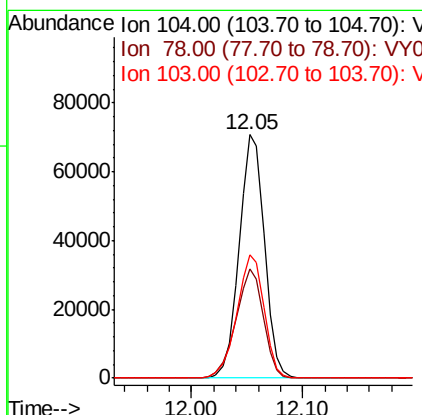
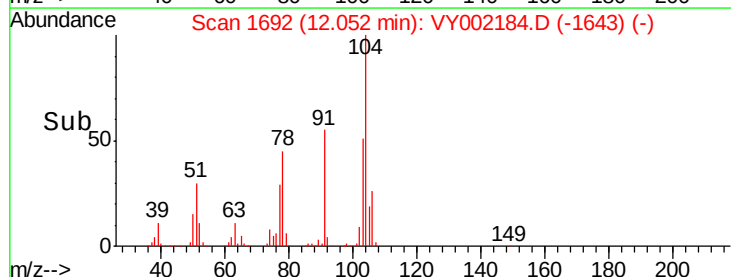
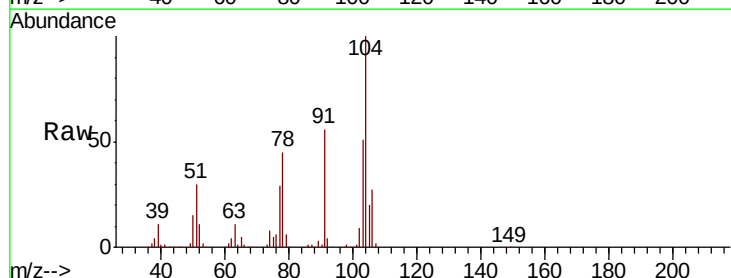
Instrument :
MSVOA_Y
ClientSampleId :

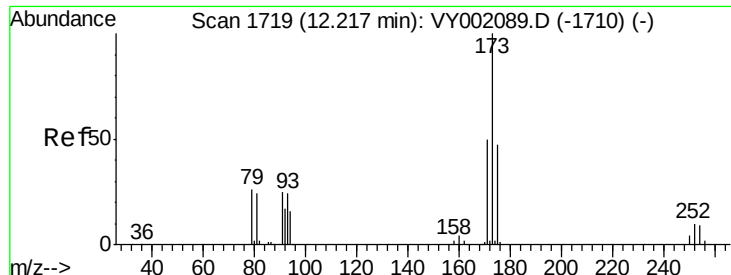
Tot Ion:106 Resp: 64988
Ion Ratio Lower Upper
106 100
91 214.9 107.3 321.8



#70
Styrene
Concen: 19.987 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion:104 Resp: 110906
Ion Ratio Lower Upper
104 100
78 48.7 37.9 56.9
103 54.6 43.2 64.8

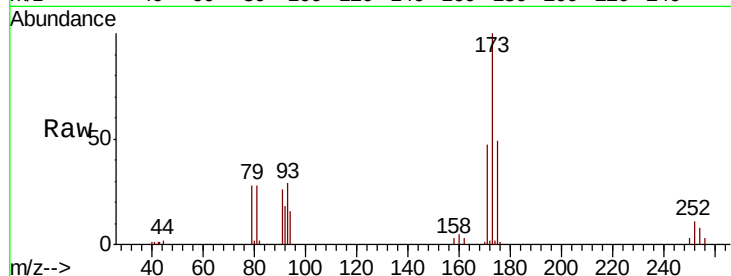




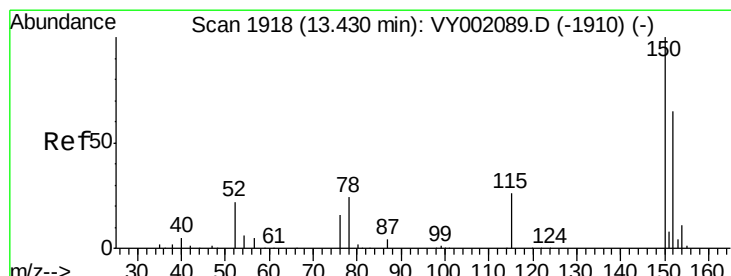
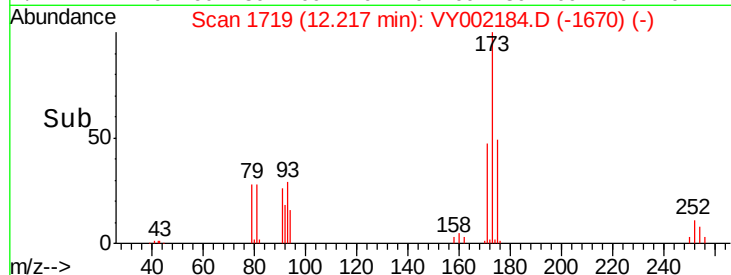
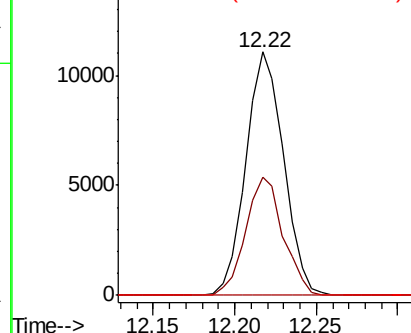
#71
Bromoform
Concen: 19.790 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 17826
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.8
254 0.0 0.0 0.0

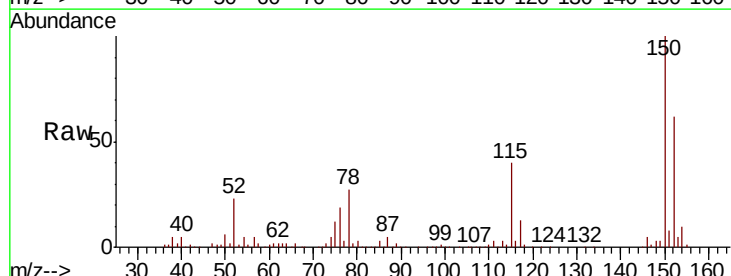


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

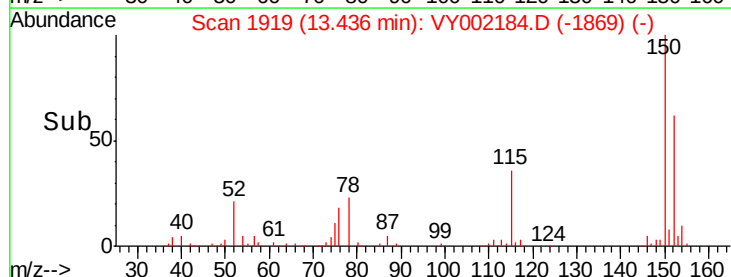
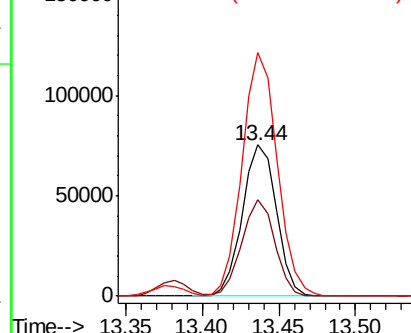


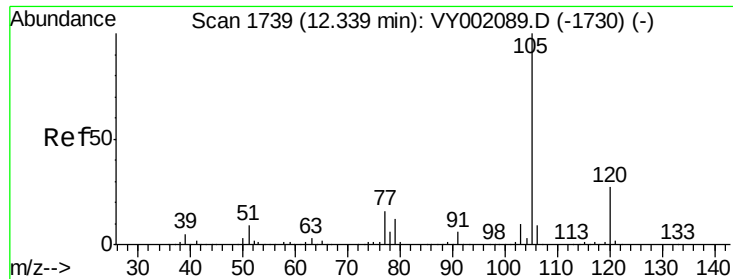
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion:152 Resp: 116377
Ion Ratio Lower Upper
152 100
115 61.8 31.2 93.6
150 166.2 0.0 354.8



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





#73

Isopropylbenzene

Concen: 20.563 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Instrument :

MSVOA_Y

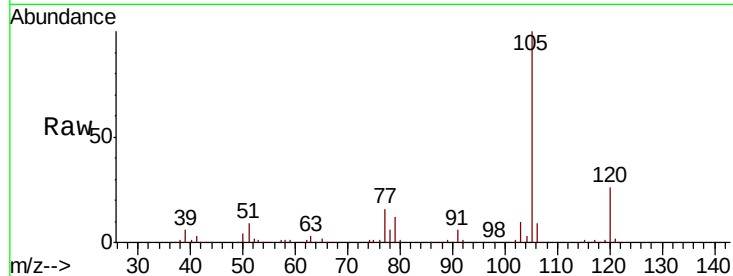
ClientSampleId :

Tot Ion:105 Resp: 177519

Ion Ratio Lower Upper

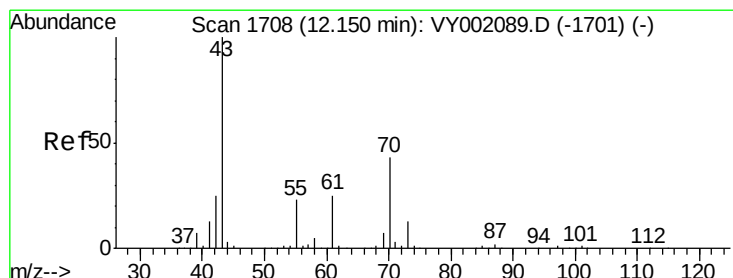
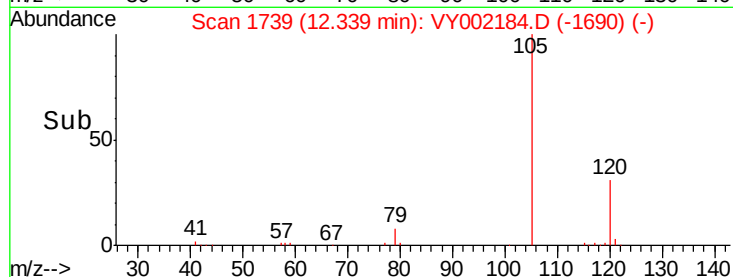
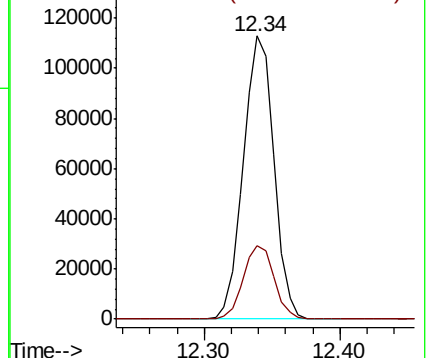
105 100

120 26.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.647 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Tgt Ion: 43 Resp: 53495

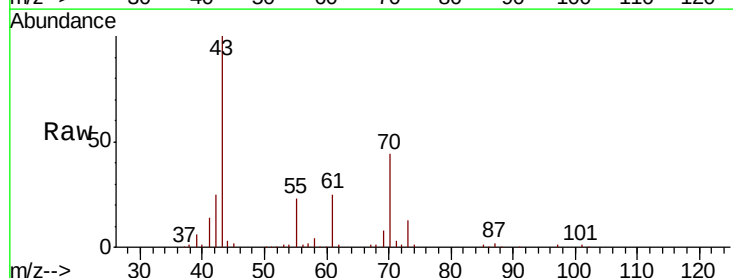
Ion Ratio Lower Upper

43 100

70 41.9 35.0 52.4

55 22.8 18.7 28.1

61 24.8 20.2 30.2

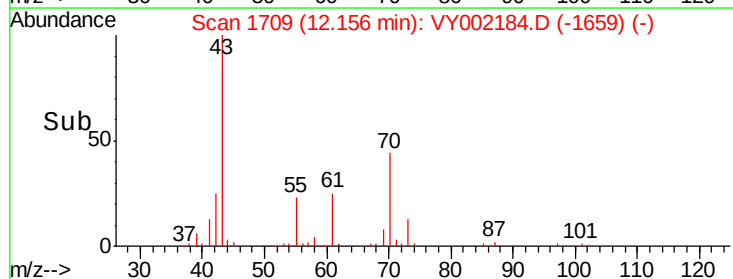
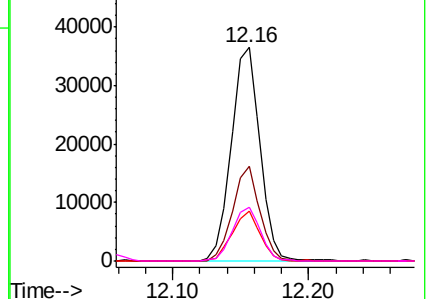


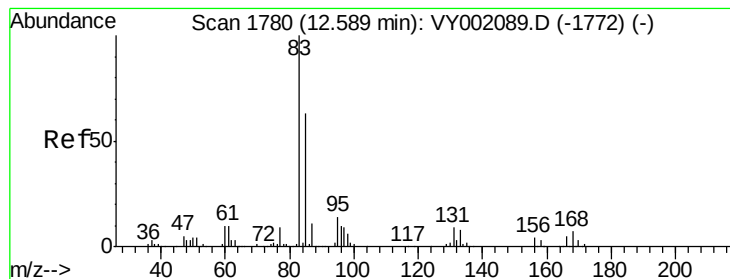
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.730 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Instrument :

MSVOA_Y

ClientSampleId :

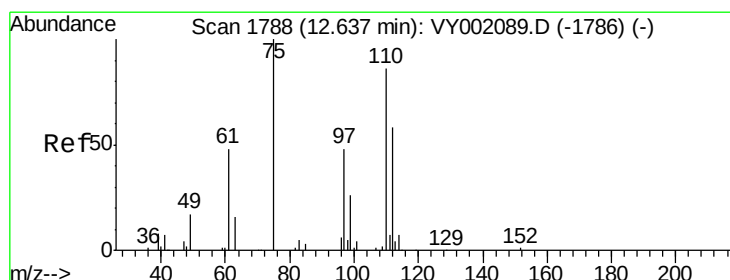
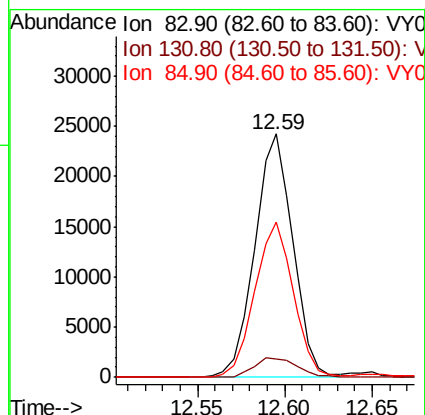
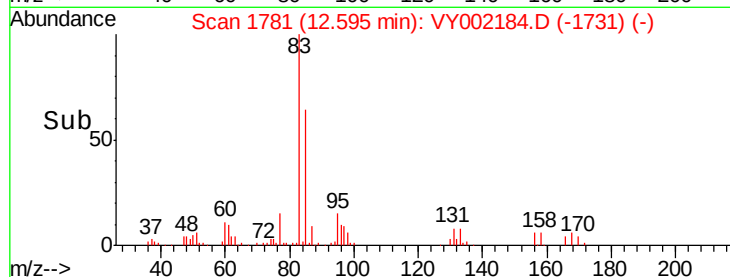
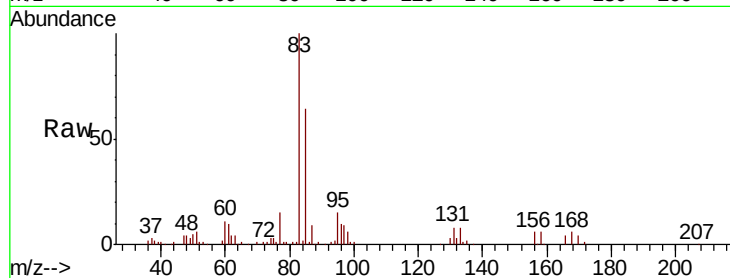
Tot Ion: 83 Resp: 36653

Ion Ratio Lower Upper

83 100

131 9.0 4.7 14.1

85 64.8 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 37.170 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002184.D

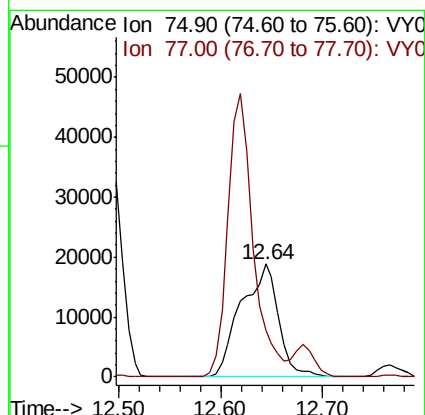
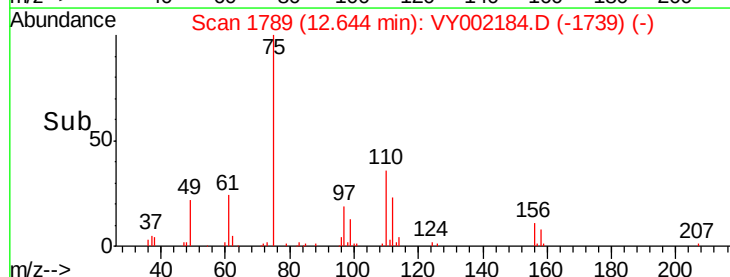
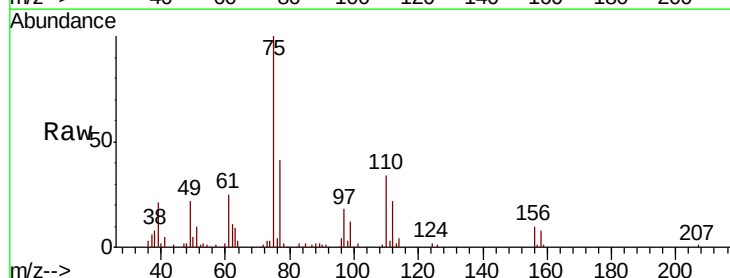
Acq: 02 Apr 2020 12:18

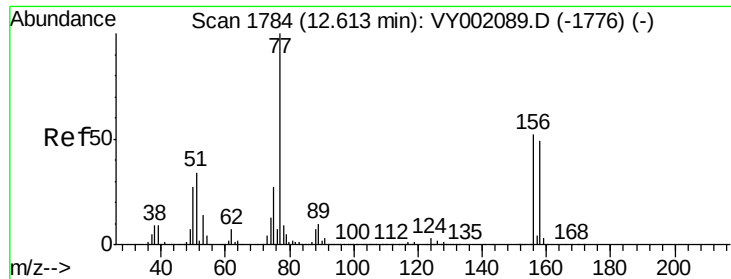
Tgt Ion: 75 Resp: 48387

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.033 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Instrument :

MSVOA_Y

ClientSampled :

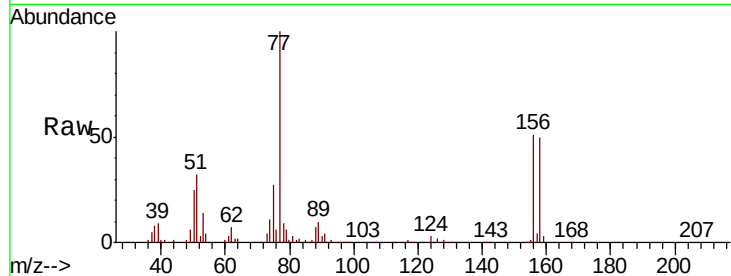
Tot Ion:156 Resp: 36919

Ion Ratio Lower Upper

156 100

77 220.7 107.8 323.6

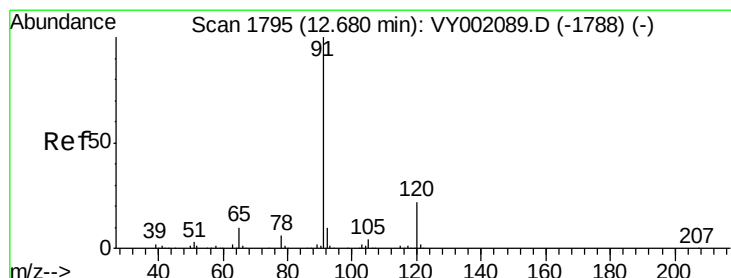
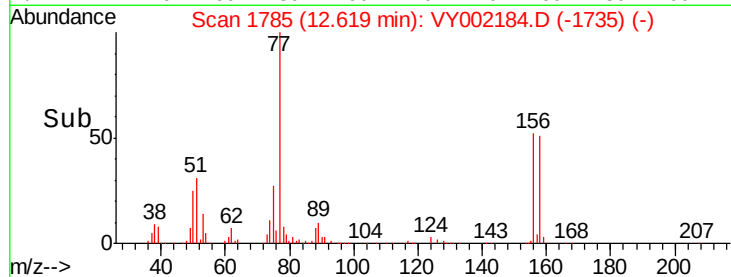
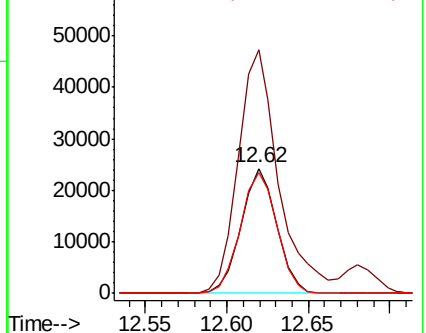
158 98.9 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.564 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002184.D

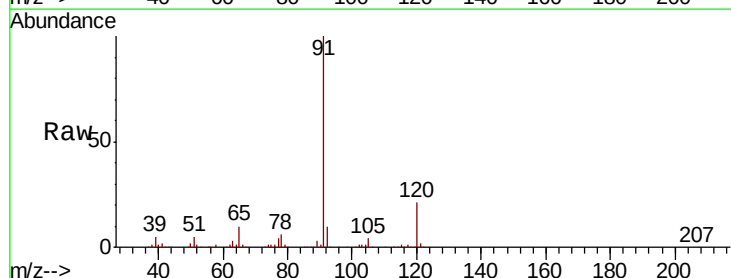
Acq: 02 Apr 2020 12:18

Tgt Ion: 91 Resp: 220306

Ion Ratio Lower Upper

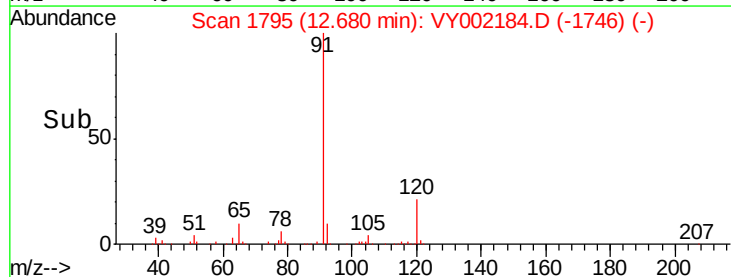
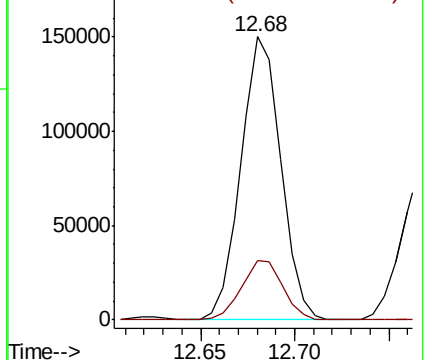
91 100

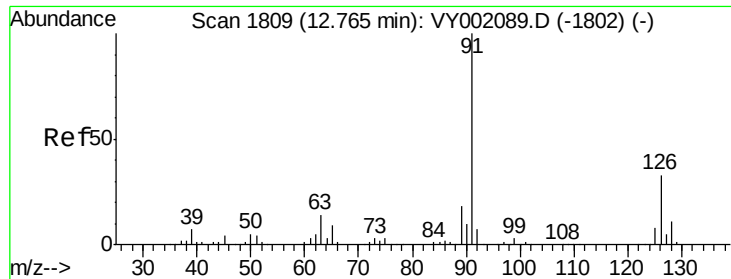
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

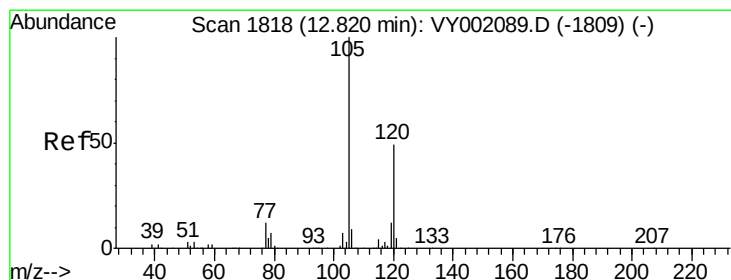
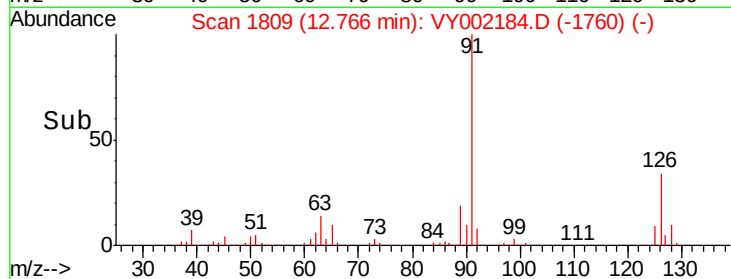
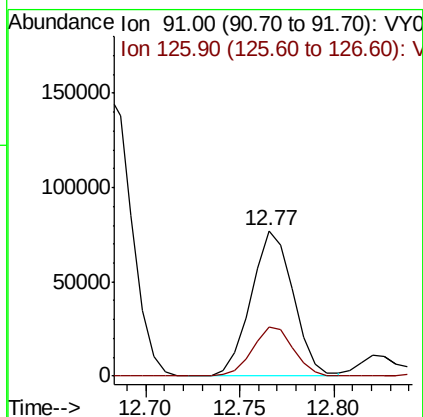
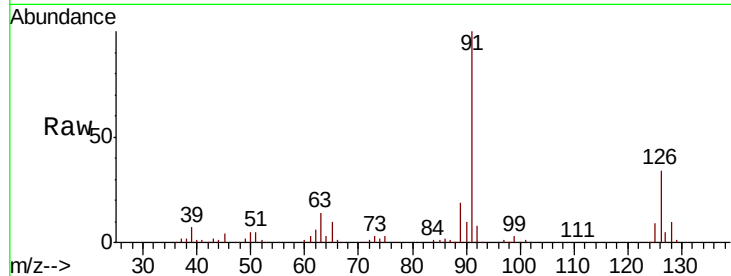




#79
 2-Chlorotoluene
 Concen: 20.291 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

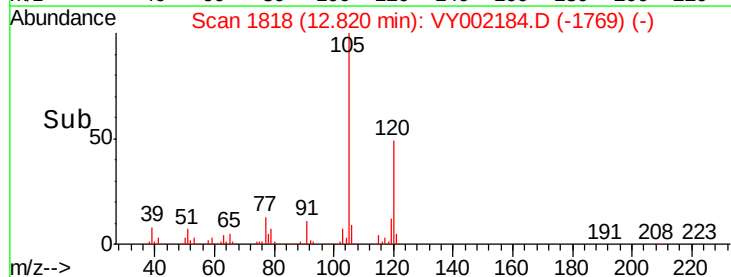
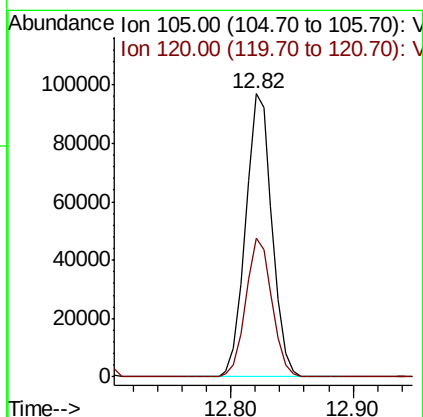
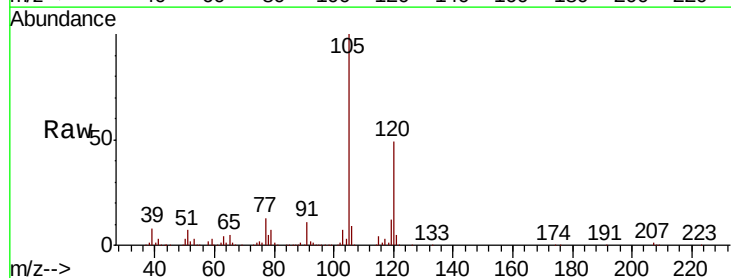
Instrument :
 MSVOA_Y
 ClientSampleId :

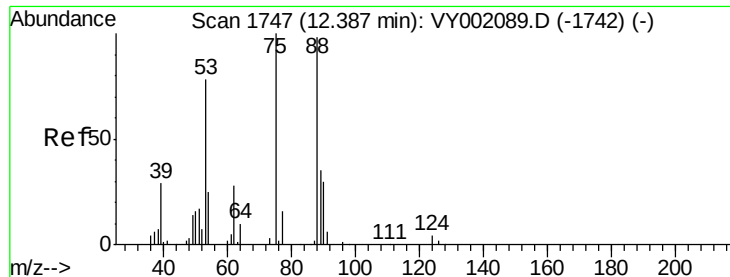
Tot Ion: 91 Resp: 119355
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.334 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

Tgt Ion: 105 Resp: 144830
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.755 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Instrument :

MSVOA_Y

ClientSampleId :

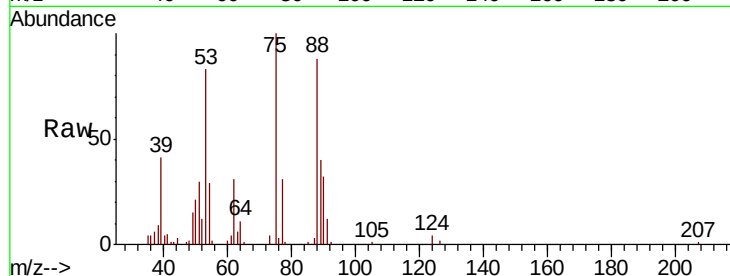
Tot Ion: 75 Resp: 13274

Ion Ratio Lower Upper

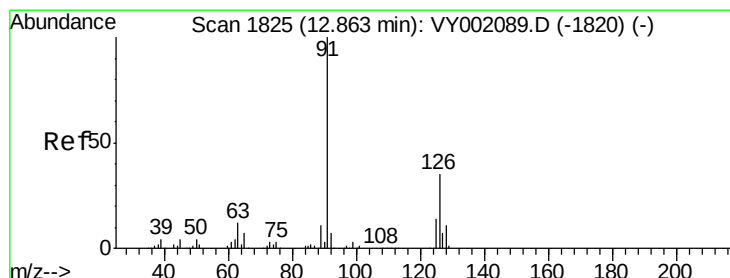
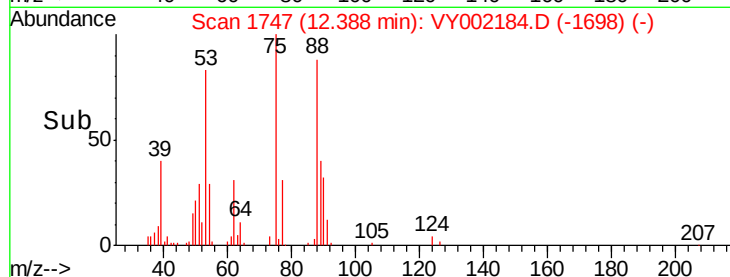
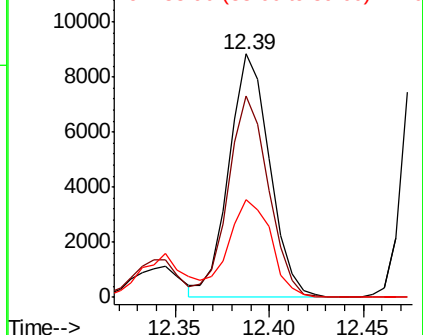
75 100

53 82.3 65.0 97.4

89 42.2 33.4 50.0



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



#82

4-Chlorotoluene

Concen: 20.254 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002184.D

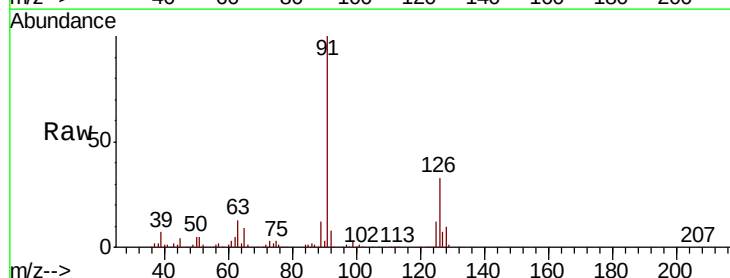
Acq: 02 Apr 2020 12:18

Tgt Ion: 91 Resp: 125545

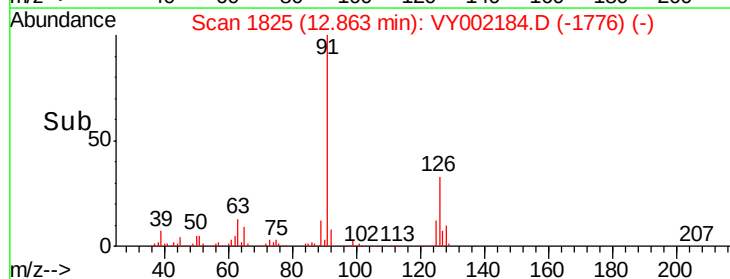
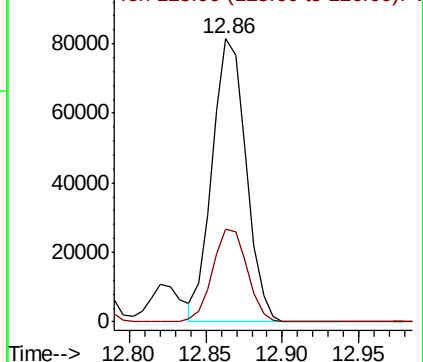
Ion Ratio Lower Upper

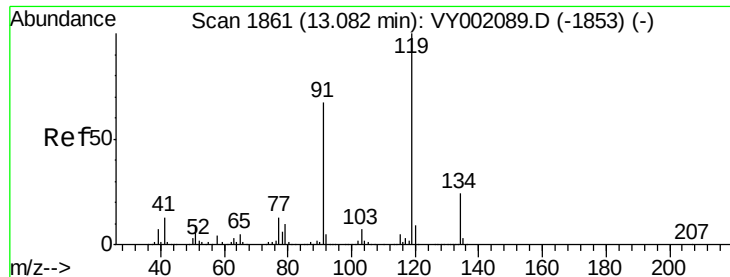
91 100

126 33.4 16.3 48.9



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

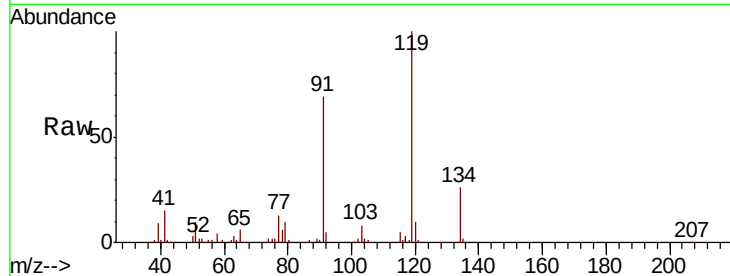




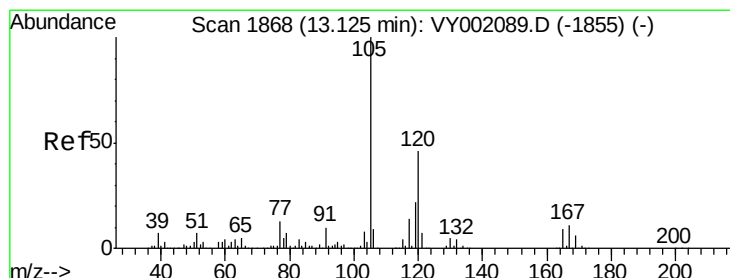
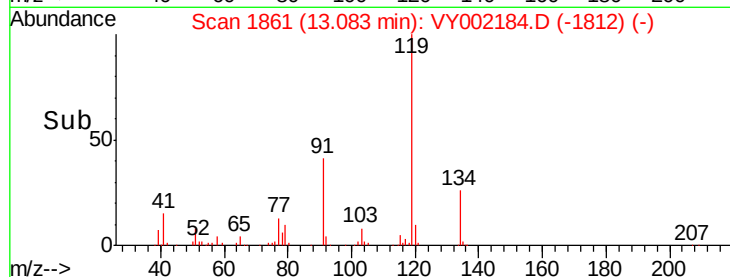
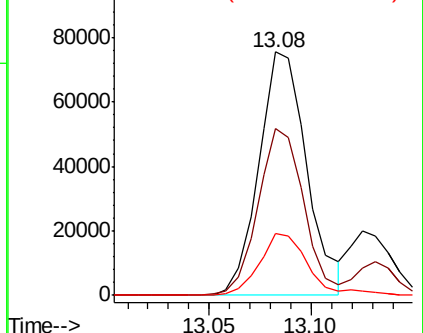
#83
 tert-Butylbenzene
 Concen: 20.815 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:119 Resp: 123748
 Ion Ratio Lower Upper
 119 100
 91 65.2 32.9 98.6
 134 25.9 13.0 38.9

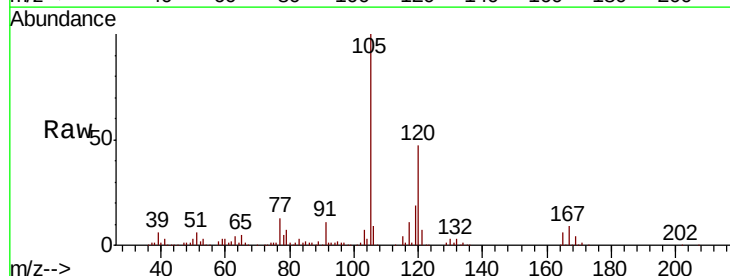


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

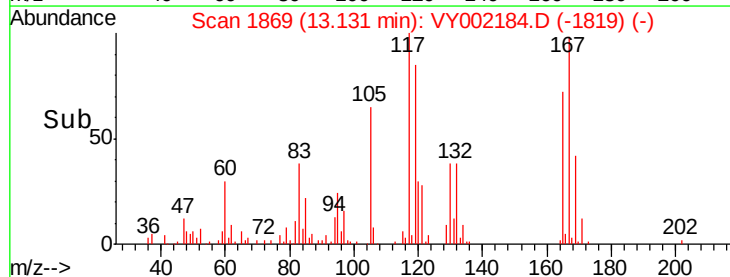
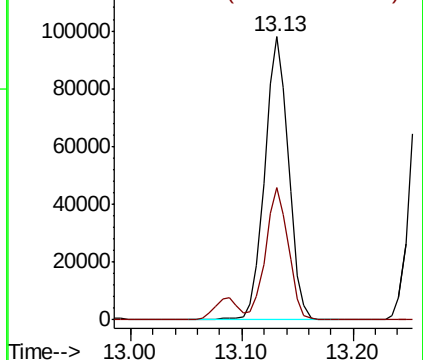


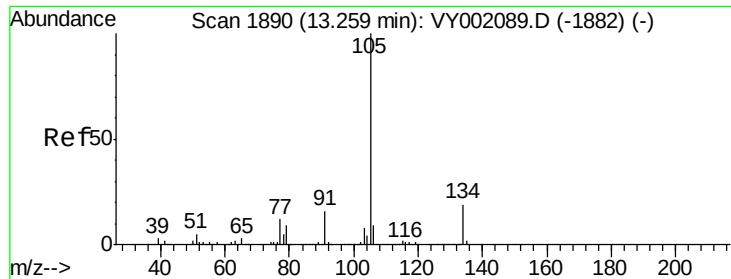
#84
 1,2,4-Trimethylbenzene
 Concen: 20.621 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

Tgt Ion:105 Resp: 146541
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.626 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

Instrument :

MSVOA_Y

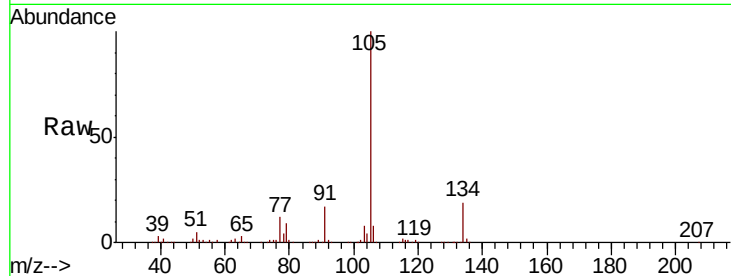
ClientSampled :

Tot Ion:105 Resp: 181629

Ion Ratio Lower Upper

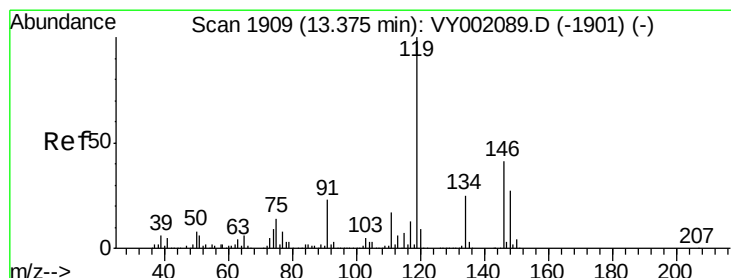
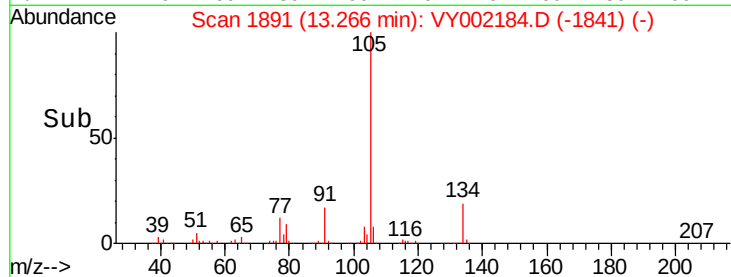
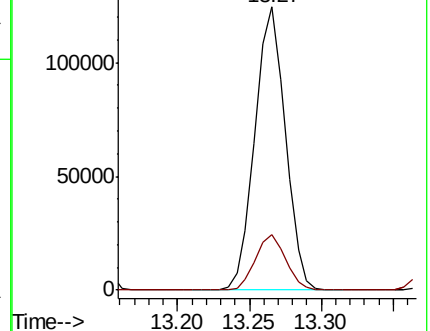
105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.812 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002184.D

Acq: 02 Apr 2020 12:18

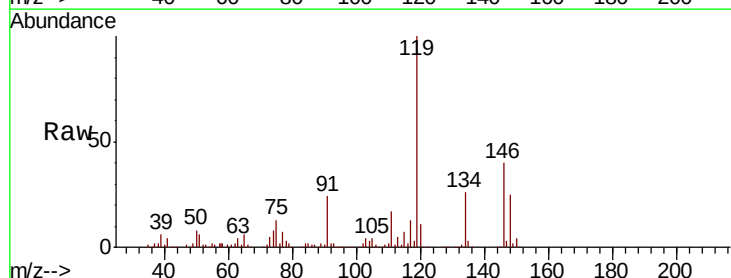
Tgt Ion:119 Resp: 157383

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

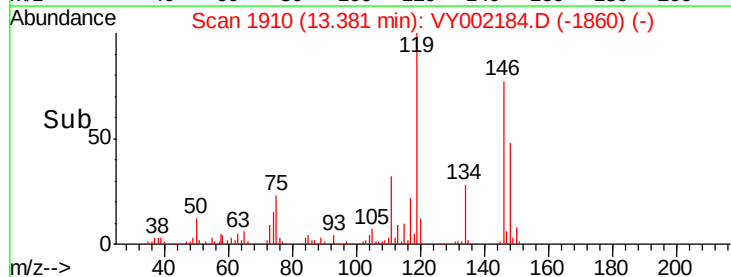
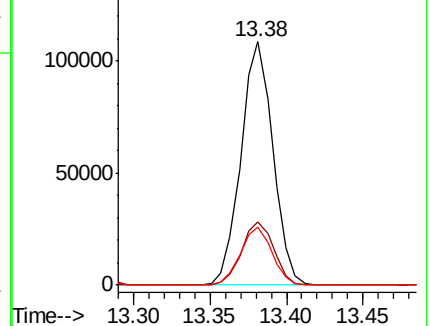
91 23.7 11.8 35.3

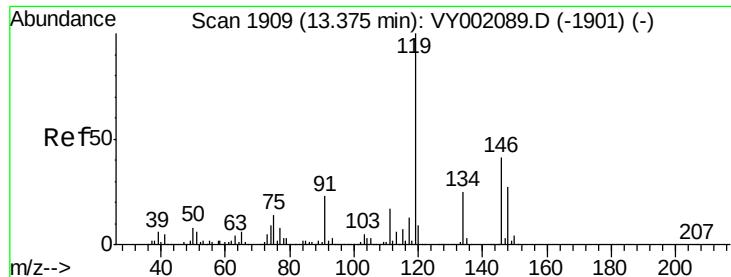


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

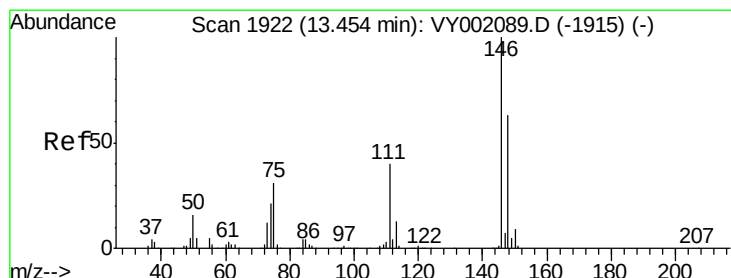
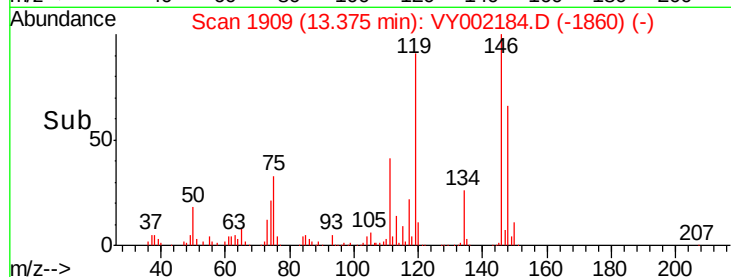
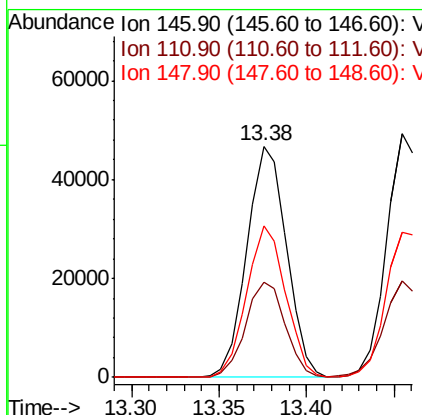
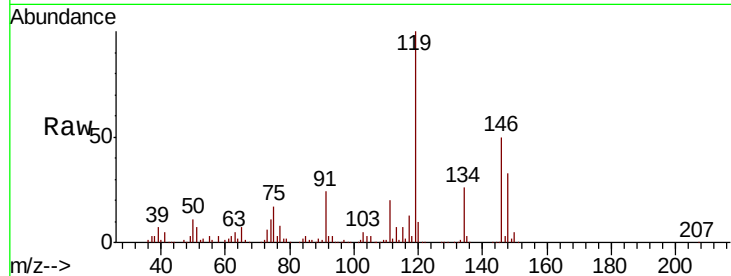




#87
 1,3-Dichlorobenzene
 Concen: 20.400 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

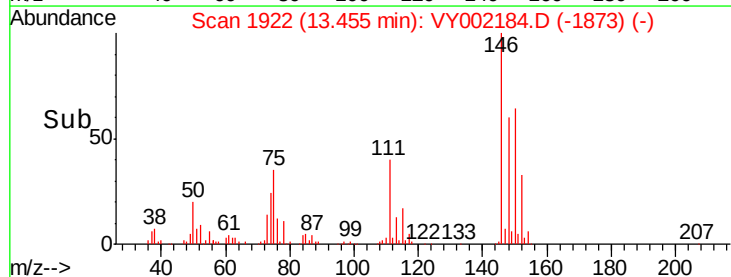
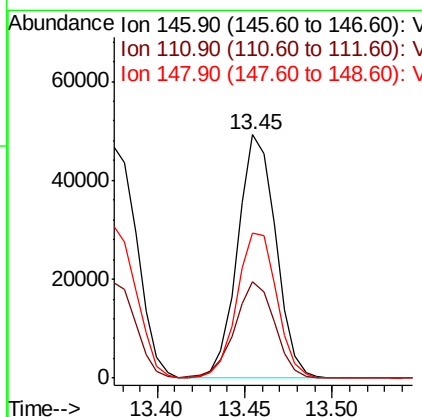
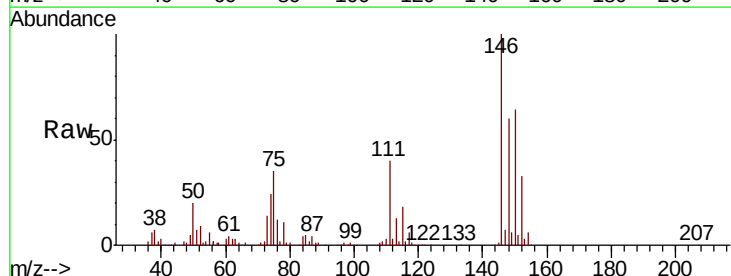
Instrument :
 MSVOA_Y
 ClientSampleId :

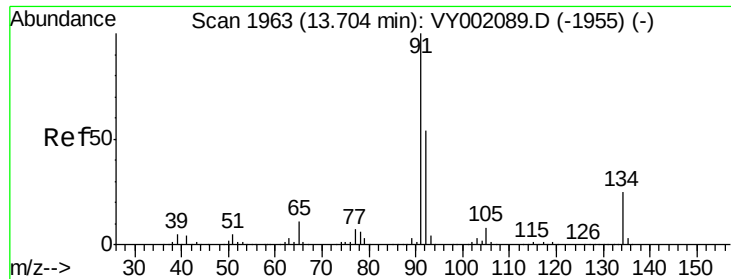
Tot Ion:146 Resp: 73547
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.9 62.8
 148 64.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.640 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

Tgt Ion:146 Resp: 74879
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 60.9
 148 62.3 31.5 94.5

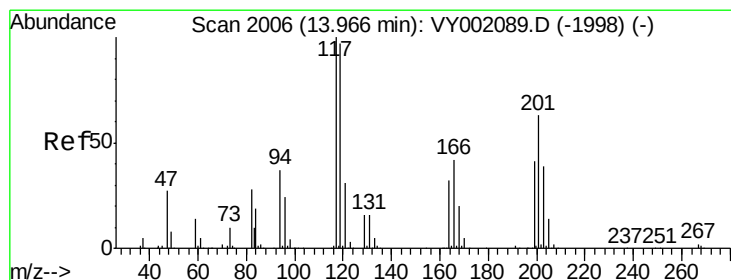
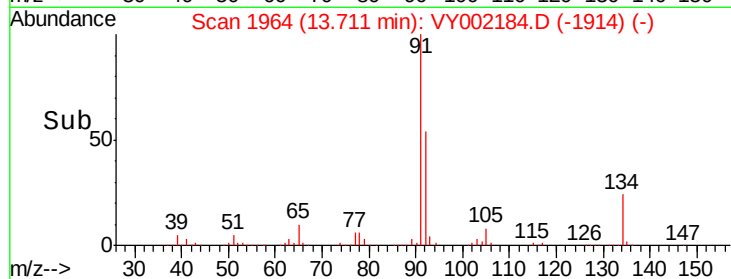
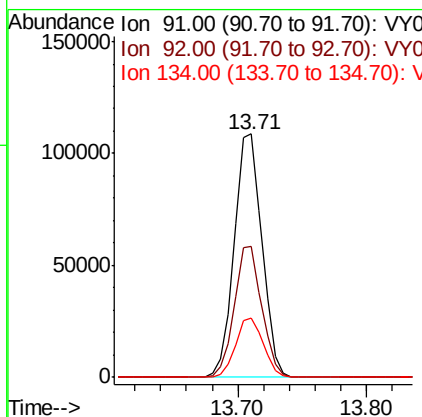
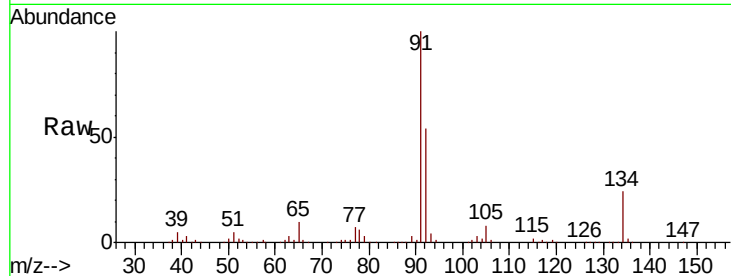




#89
n-Butylbenzene
Concen: 20.665 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

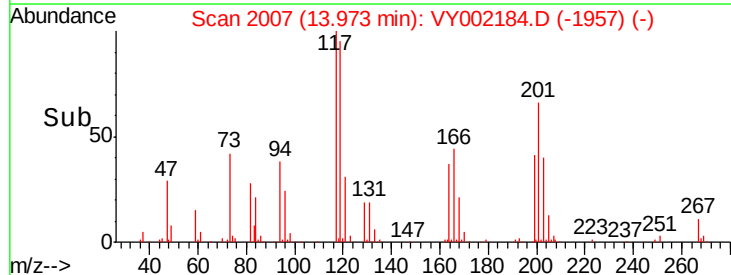
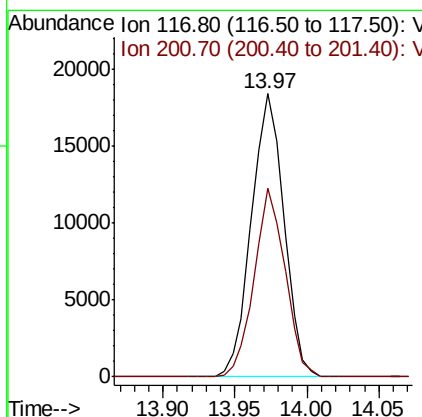
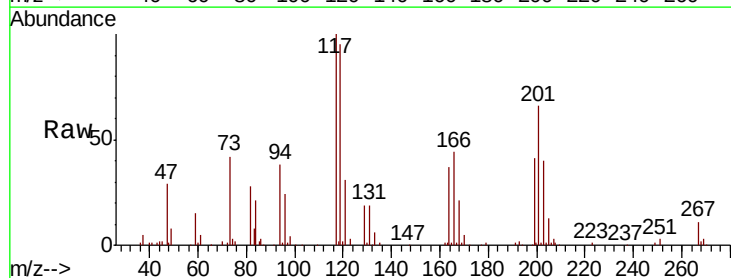
Instrument :
MSVOA_Y
ClientSampled :

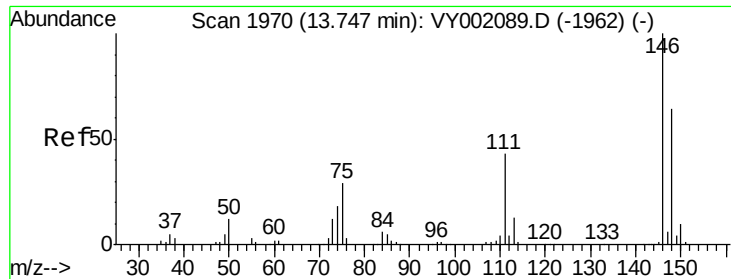
Tot Ion: 91 Resp: 162816
Ion Ratio Lower Upper
91 100
92 53.3 27.0 81.0
134 24.4 12.3 36.8



#90
Hexachloroethane
Concen: 20.181 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion: 117 Resp: 28756
Ion Ratio Lower Upper
117 100
201 63.2 31.6 94.8

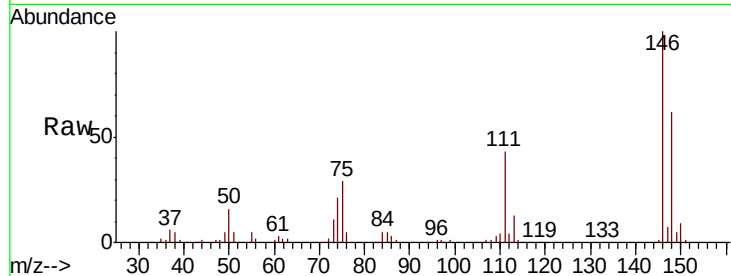




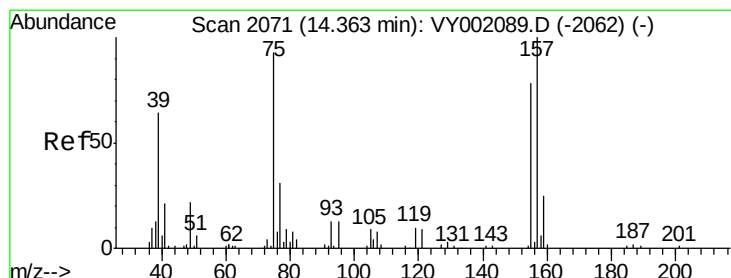
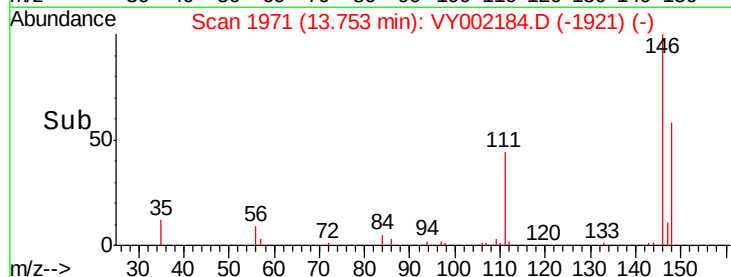
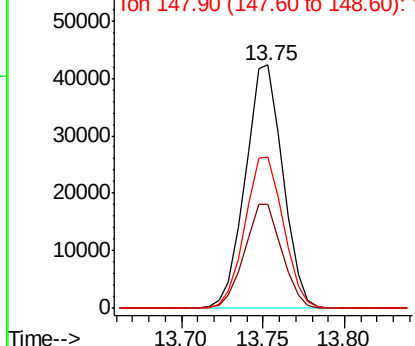
#91
 1,2-Dichlorobenzene
 Concen: 20.380 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:146 Resp: 67853
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 63.7
 148 63.8 31.8 95.4

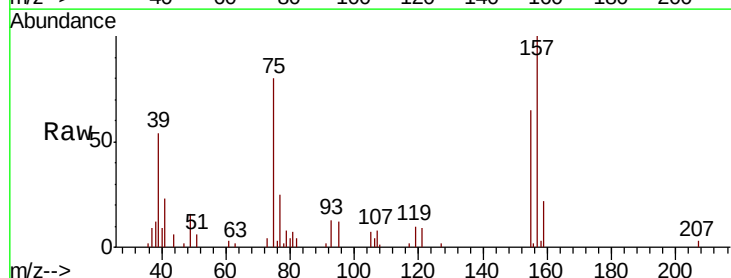


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

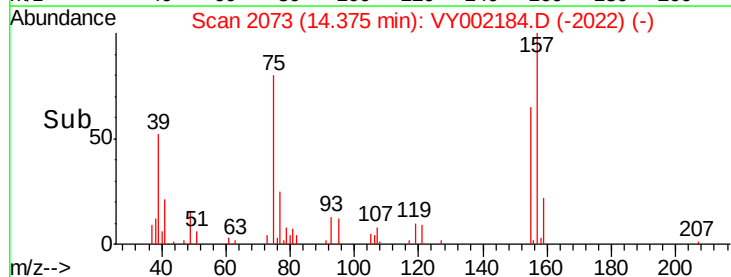
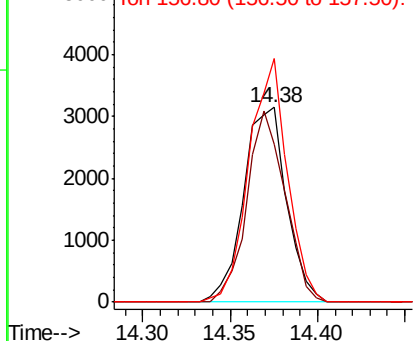


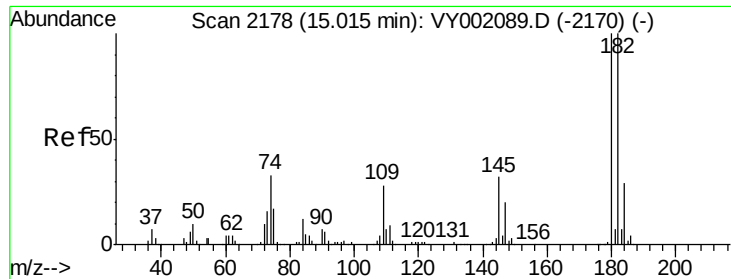
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.110 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

Tgt Ion: 75 Resp: 5389
 Ion Ratio Lower Upper
 75 100
 155 87.0 41.6 124.9
 157 111.4 53.4 160.3



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

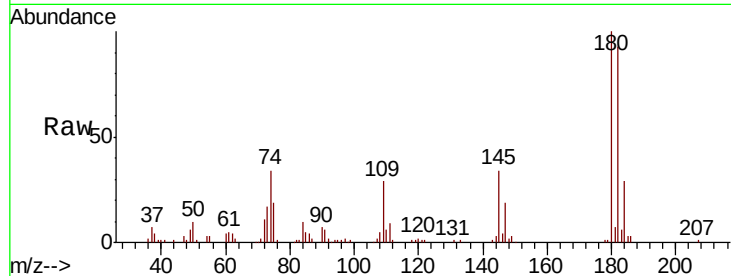




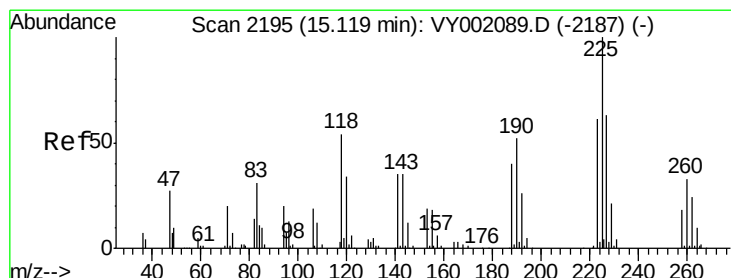
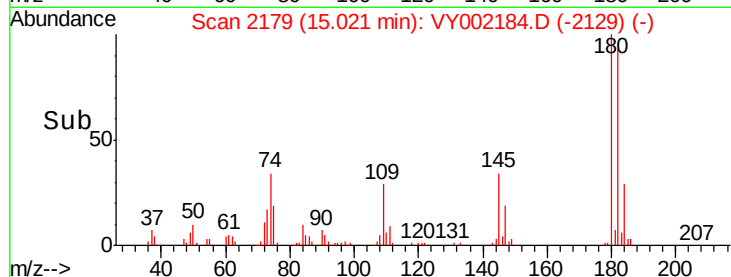
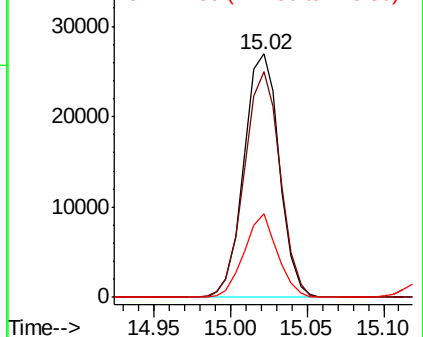
#93
 1,2,4-Trichlorobenzene
 Concen: 20.164 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.1	144.3
145	32.1	15.9	47.6

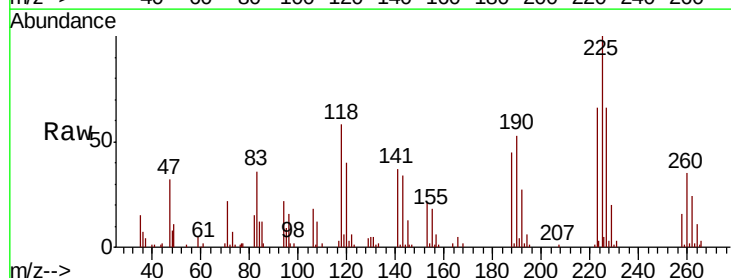


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

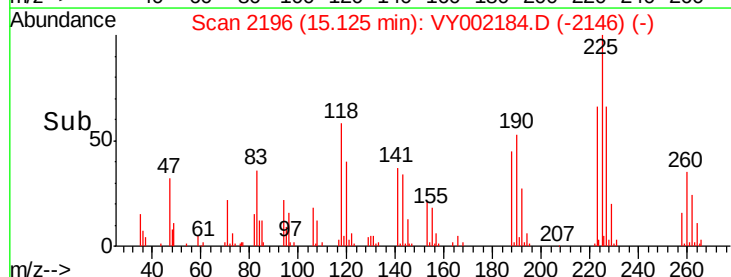
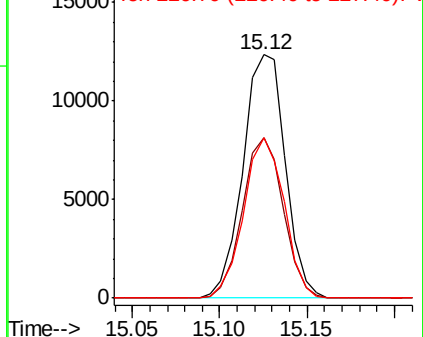


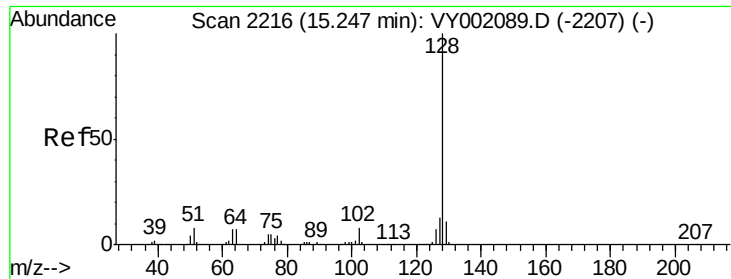
#94
 Hexachlorobutadiene
 Concen: 19.743 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002184.D
 Acq: 02 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.1	93.3
227	62.9	31.6	94.7



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

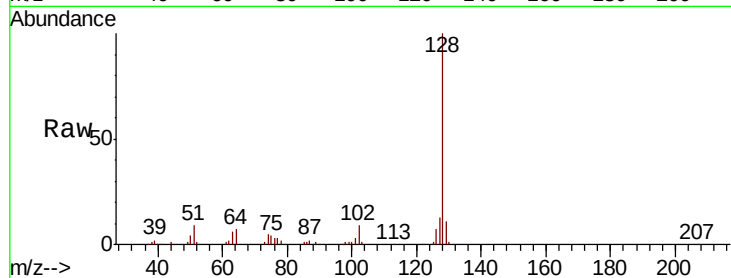




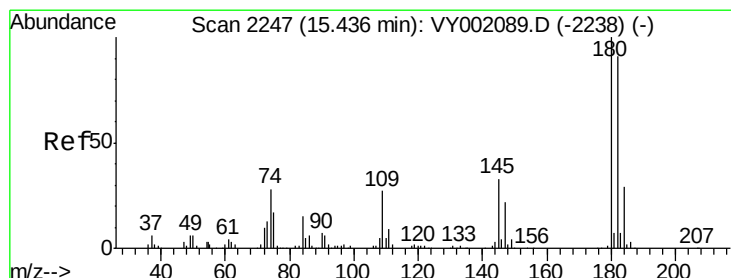
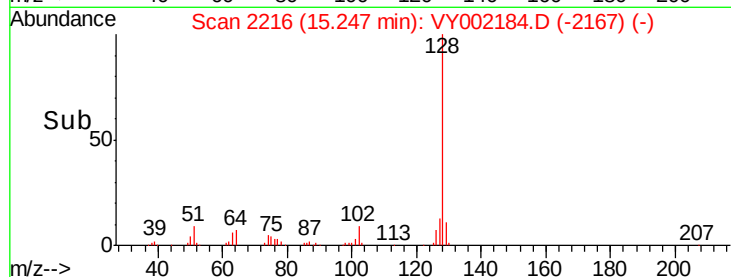
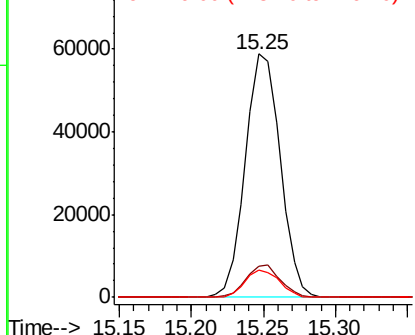
#95
Naphthalene
Concen: 19.432 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 99042
Ion Ratio Lower Upper
128 100
127 13.1 9.8 14.8
129 11.3 8.6 13.0

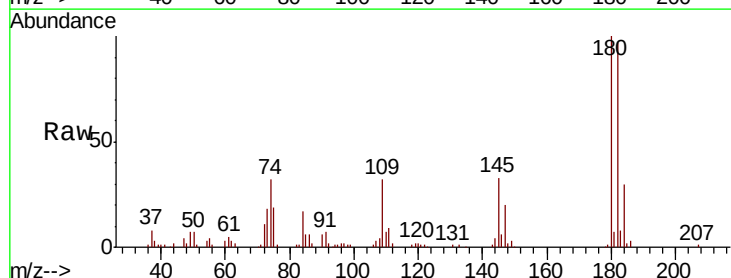


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.719 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002184.D
Acq: 02 Apr 2020 12:18

Tgt Ion:180 Resp: 38373
Ion Ratio Lower Upper
180 100
182 91.3 46.8 140.3
145 33.0 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

