

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002182.D
 Acq On : 02 Apr 2020 11:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 03 03:10:46 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	7.82	168	155446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	282665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	253649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116509	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	88645	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
35) Dibromofluoromethane	7.74	113	82538	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	
50) Toluene-d8	10.19	98	338215	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.50	95	119164	51.79	ug/l	0.01
Spiked Amount			Recovery	=	103.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	46983	46.514	ug/l	100
3) Chloromethane	2.13	50	80571	44.353	ug/l	99
4) Vinyl Chloride	2.27	62	85739	46.407	ug/l	98
5) Bromomethane	2.67	94	59763	49.566	ug/l	98
6) Chloroethane	2.82	64	59318	50.002	ug/l	96
7) Trichlorofluoromethane	3.15	101	125733	49.662	ug/l	99
8) Diethyl Ether	3.55	74	54036	50.390	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	83116	50.037	ug/l	99
10) Methyl Iodide	4.12	142	97801	49.515	ug/l	99
11) Tert butyl alcohol	4.99	59	46554	229.891	ug/l	99
12) 1,1-Dichloroethene	3.90	96	84779	50.263	ug/l	99
13) Acrolein	3.76	56	72024	284.567	ug/l	100
14) Allyl chloride	4.51	41	158848	51.444	ug/l	100
15) Acrylonitrile	5.20	53	148008	263.332	ug/l	100
16) Acetone	3.97	43	128311	265.772	ug/l	98
17) Carbon Disulfide	4.22	76	274209	48.986	ug/l	99
18) Methyl Acetate	4.51	43	63709	50.818	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	245001	52.068	ug/l	98
20) Methylene Chloride	4.75	84	101284	50.748	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	99554	51.838	ug/l	98
22) Diisopropyl ether	6.15	45	333400	52.760	ug/l	98
23) Vinyl Acetate	6.10	43	1095219	264.309	ug/l	100
24) 1,1-Dichloroethane	6.05	63	175024	52.093	ug/l	97
25) 2-Butanone	7.02	43	195605	263.860	ug/l	96
26) 2,2-Dichloropropane	7.01	77	144256	52.132	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	110217	52.166	ug/l	99
28) Bromochloromethane	7.36	49	81120	52.885	ug/l	100
29) Tetrahydrofuran	7.38	42	126913	261.118	ug/l	99
30) Chloroform	7.54	83	166015	52.129	ug/l	99
31) Cyclohexane	7.81	56	174361	48.702	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	137943	51.878	ug/l	99
36) 1,1-Dichloropropene	7.94	75	136750	51.148	ug/l	99
37) Ethyl Acetate	7.10	43	83579	51.730	ug/l	98
38) Carbon Tetrachloride	7.93	117	121320	53.484	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	179194	51.096	ug/l	99
40) Benzene	8.19	78	410968	51.893	ug/l	99
41) Methacrylonitrile	7.37	41	111879	136.897	ug/l #	100
42) 1,2-Dichloroethane	8.26	62	109330	51.998	ug/l	100
43) Isopropyl Acetate	8.30	43	156347	52.137	ug/l	100
44) Trichloroethene	8.96	130	100713	52.756	ug/l	98
45) 1,2-Dichloropropane	9.24	63	106468	52.798	ug/l	99
46) Dibromomethane	9.32	93	55186	53.289	ug/l	98
47) Bromodichloromethane	9.52	83	128973	53.498	ug/l	100
48) Methyl methacrylate	9.31	41	69849	51.977	ug/l	99
49) 1,4-Dioxane	9.32	88	14235	1001.700	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	414387	268.364	ug/l	99
52) Toluene	10.26	92	252886	52.795	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	143004	53.443	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	169568	53.824	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	79426	51.821	ug/l	95
56) Ethyl methacrylate	10.52	69	119746	53.490	ug/l	98
57) 1,3-Dichloropropane	10.81	76	143404	52.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	306196	266.185	ug/l	99
59) 2-Hexanone	10.85	43	291078	267.607	ug/l	99
60) Dibromochloromethane	11.00	129	87373	54.477	ug/l	99
61) 1,2-Dibromoethane	11.11	107	77049	53.708	ug/l	98
64) Tetrachloroethene	10.74	164	86776	55.917	ug/l	98
65) Chlorobenzene	11.53	112	256720	52.432	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	88237	53.867	ug/l	99
67) Ethyl Benzene	11.61	91	486038	53.448	ug/l	99
68) m/p-Xylenes	11.72	106	359992	107.069	ug/l	99
69) o-Xylene	12.05	106	168588	52.858	ug/l	100
70) Styrene	12.06	104	296278	53.608	ug/l	99
71) Bromoform	12.22	173	49619	55.306	ug/l #	100
73) Isopropylbenzene	12.35	105	457810	52.971	ug/l	99
74) N-amyl acetate	12.16	43	141937	52.071	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.60	83	98161	52.781	ug/l	97
76) 1,2,3-Trichloropropane	12.65	75	129476	99.348	ug/l #	100
77) Bromobenzene	12.63	156	98519	53.399	ug/l	100
78) n-propylbenzene	12.69	91	568741	53.028	ug/l	100
79) 2-Chlorotoluene	12.77	91	307435	52.206	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	380877	53.415	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	36682	54.529	ug/l	98
82) 4-Chlorotoluene	12.87	91	327976	52.853	ug/l	99
83) tert-Butylbenzene	13.09	119	314260	52.799	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	379224	53.304	ug/l	100
85) sec-Butylbenzene	13.27	105	466508	52.917	ug/l	100
86) p-Isopropyltoluene	13.38	119	404170	53.387	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	187540	51.960	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	191787	52.805	ug/l	100
89) n-Butylbenzene	13.71	91	411623	52.184	ug/l	99
90) Hexachloroethane	13.97	117	77269	54.165	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	174809	52.446	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	15332	51.466	ug/l	99

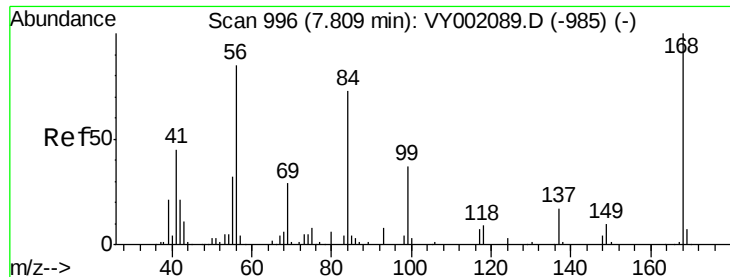
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	107909	50.229	ug/l	99
94) Hexachlorobutadiene	15.13	225	54651	51.535	ug/l	99
95) Naphthalene	15.25	128	259874	50.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	95365	48.951	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

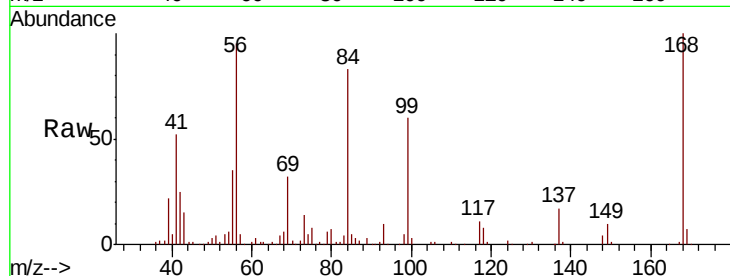
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 155446

Ion Ratio Lower Upper

168 100

99 60.4 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002182.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002182.D (-947) (-)

7.82

60000

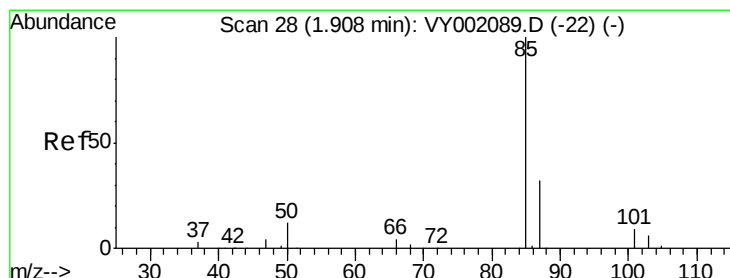
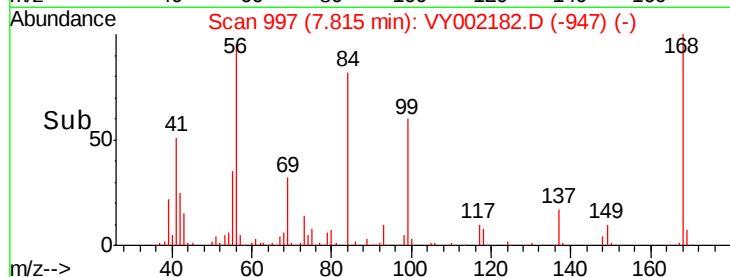
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.514 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002182.D

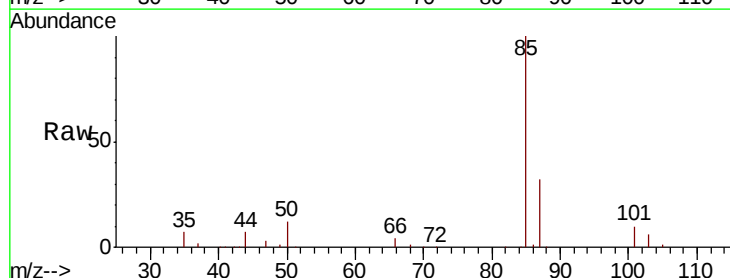
Acq: 02 Apr 2020 11:09

Tgt Ion: 85 Resp: 46983

Ion Ratio Lower Upper

85 100

87 31.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002182.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002182.D (-1) (-)

1.92

30000

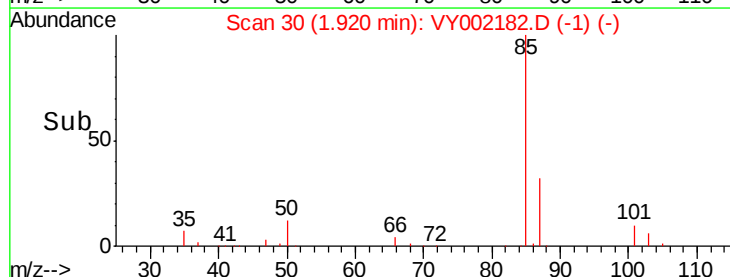
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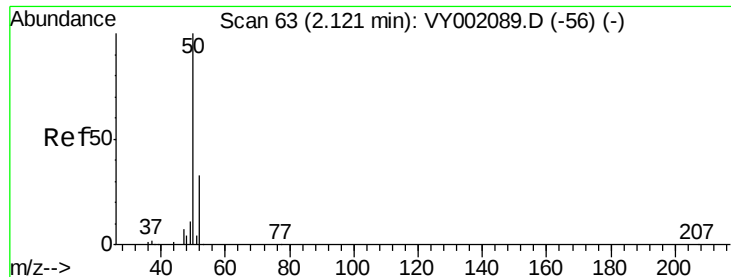
10000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 44.353 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

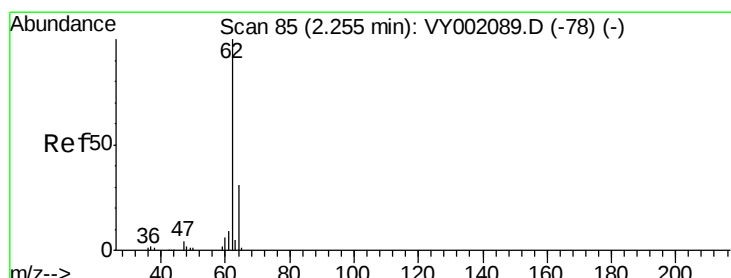
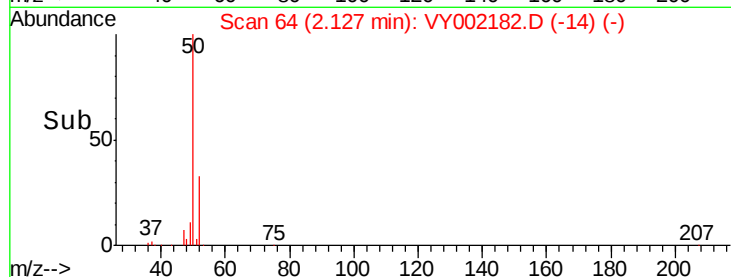
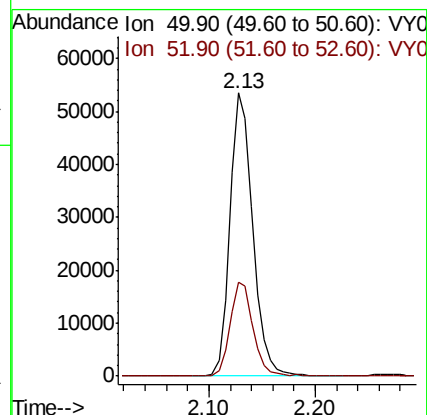
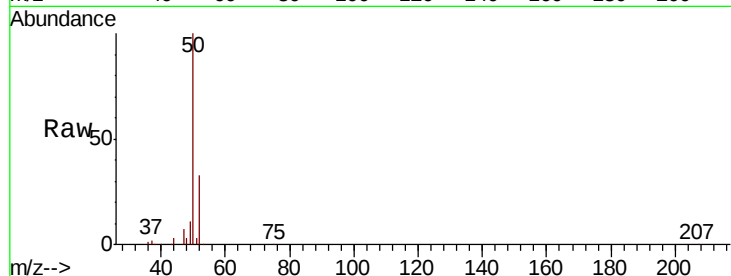
ClientSampled :

Tot Ion: 50 Resp: 80571

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



#4

Vinyl Chloride

Concen: 46.407 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002182.D

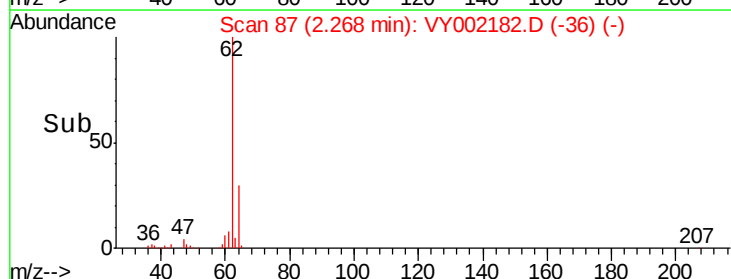
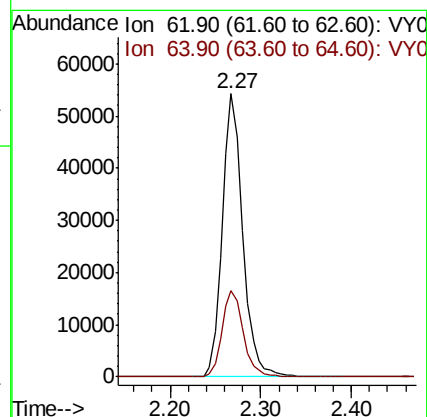
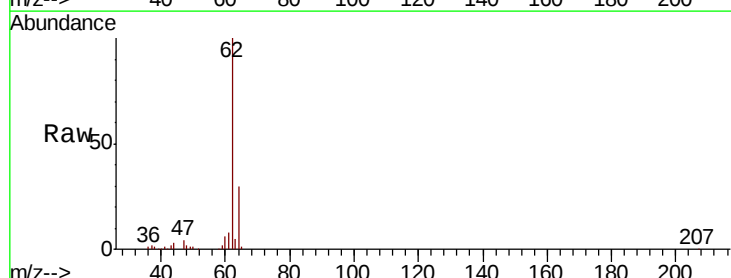
Acq: 02 Apr 2020 11:09

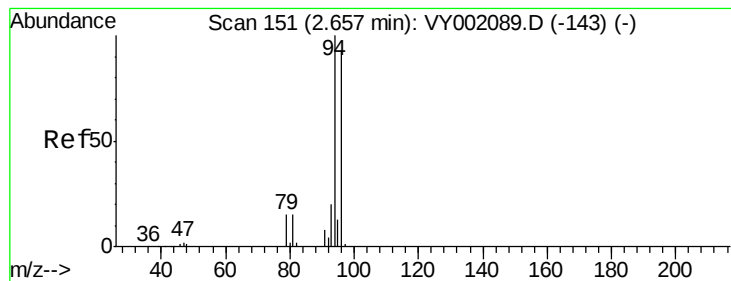
Tgt Ion: 62 Resp: 85739

Ion Ratio Lower Upper

62 100

64 30.4 25.2 37.8





#5

Bromomethane

Concen: 49.566 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

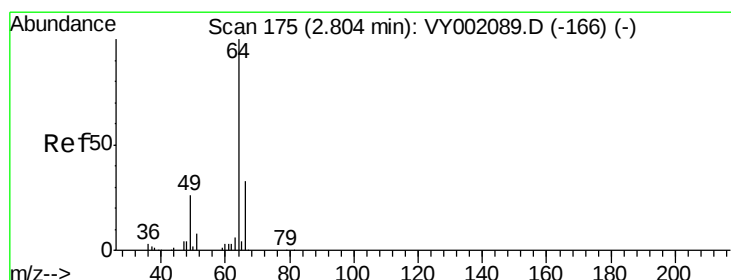
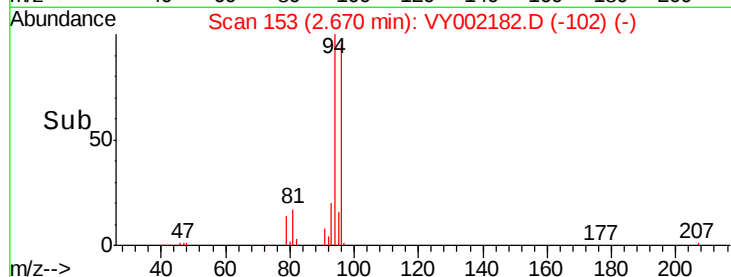
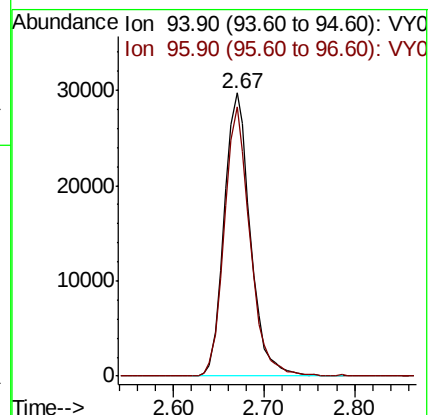
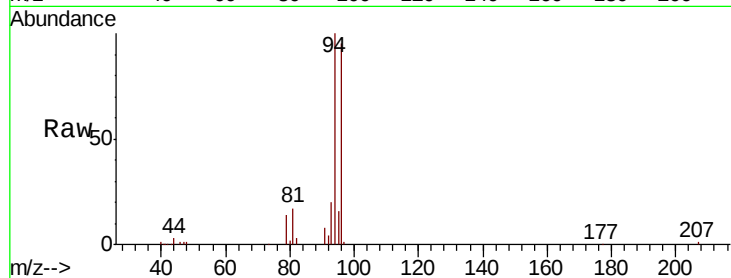
ClientSampleId :

Tot Ion: 94 Resp: 59763

Ion Ratio Lower Upper

94 100

96 94.9 74.1 111.1



#6

Chloroethane

Concen: 50.002 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002182.D

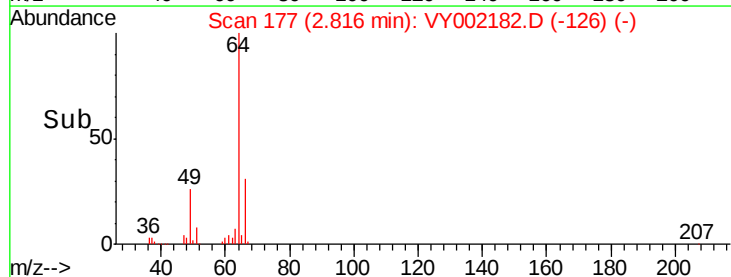
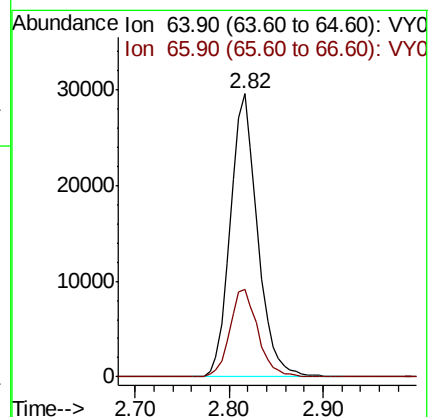
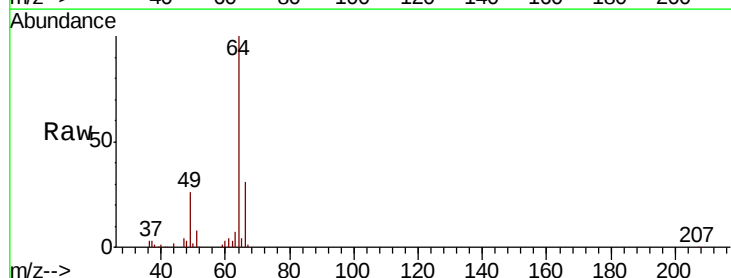
Acq: 02 Apr 2020 11:09

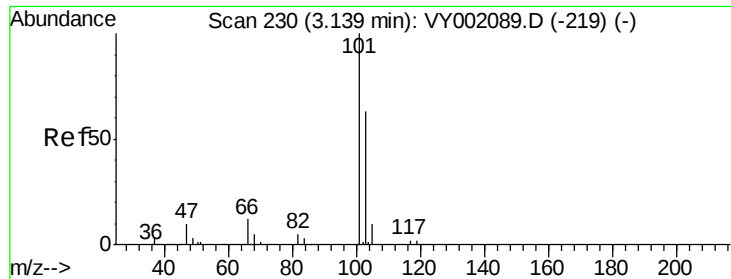
Tgt Ion: 64 Resp: 59318

Ion Ratio Lower Upper

64 100

66 30.9 26.6 39.8



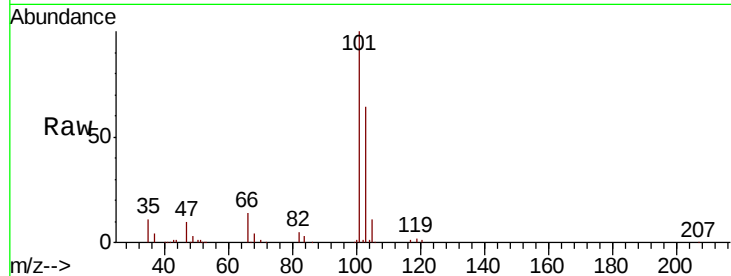


#7

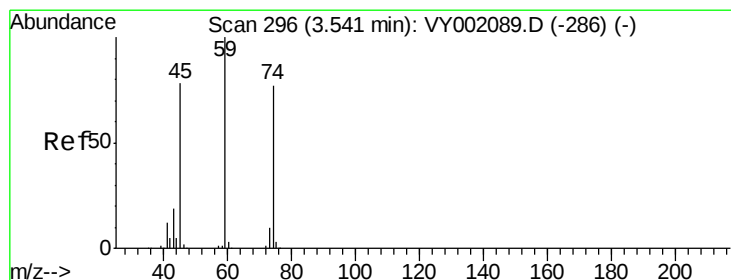
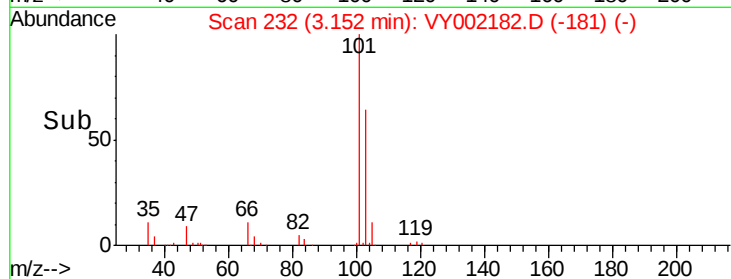
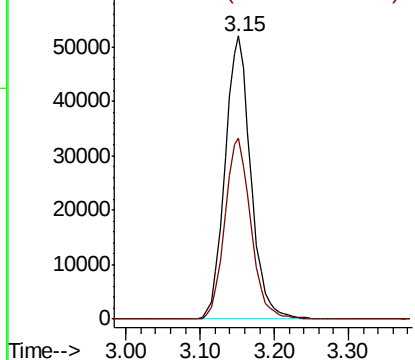
Trichlorofluoromethane
Concen: 49.662 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY002182.D
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Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:101 Resp: 125733
Ion Ratio Lower Upper
101 100
103 63.9 50.6 76.0



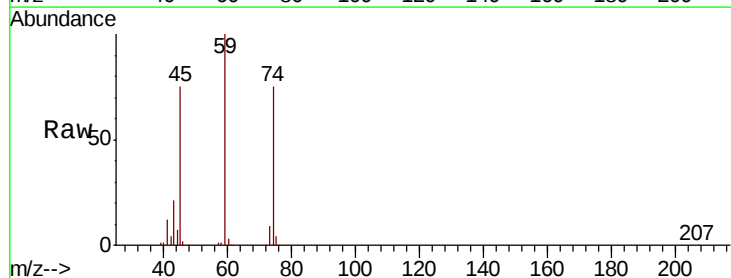
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



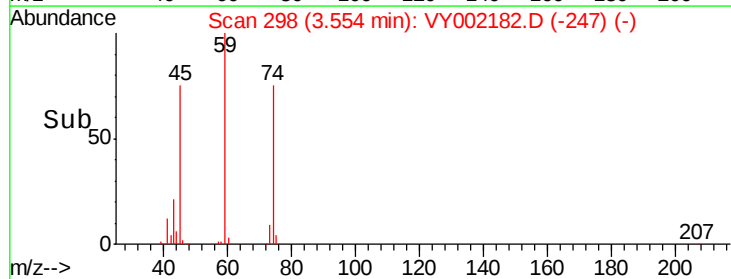
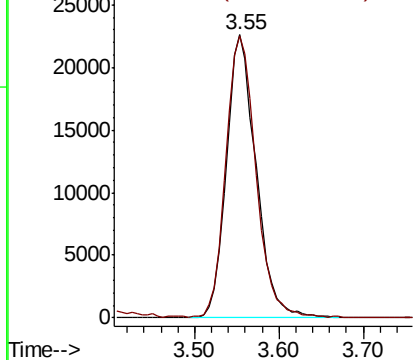
#8

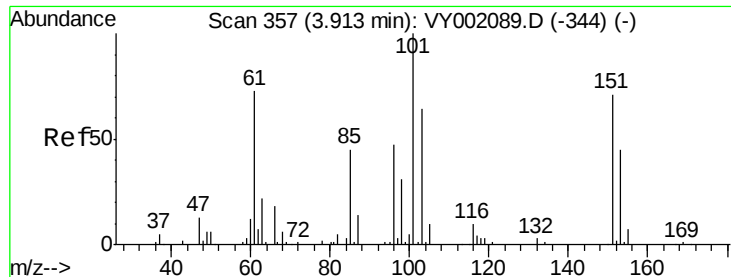
Diethyl Ether
Concen: 50.390 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion: 74 Resp: 54036
Ion Ratio Lower Upper
74 100
45 100.8 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: 50.037 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.02 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

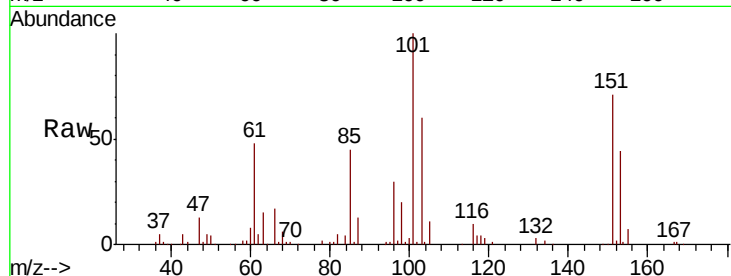
Tot Ion:101 Resp: 83116

Ion Ratio Lower Upper

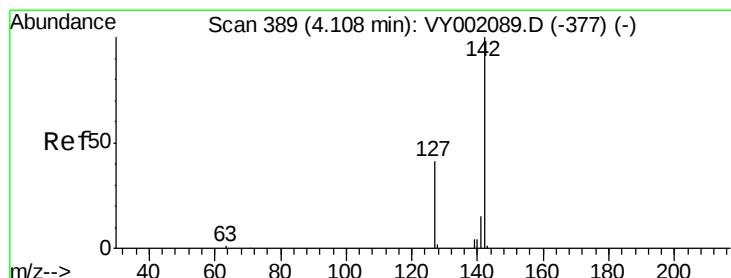
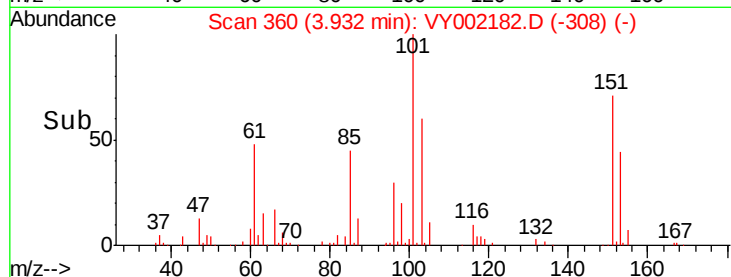
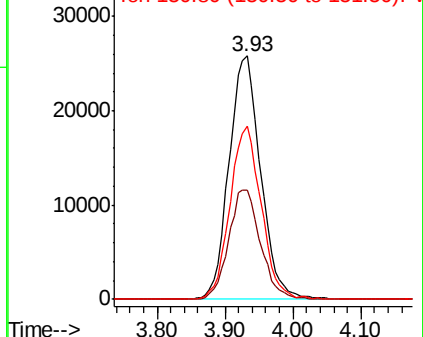
101 100

85 45.2 35.9 53.9

151 70.5 57.5 86.3



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



#10

Methyl Iodide

Concen: 49.515 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

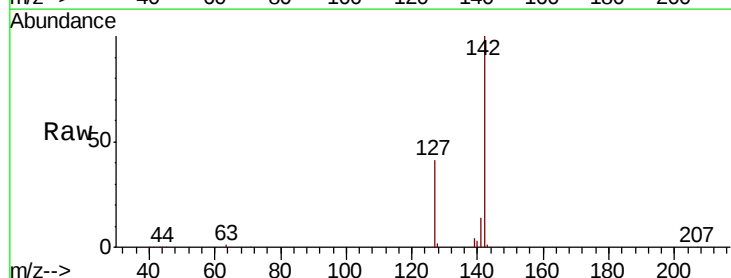
Tgt Ion:142 Resp: 97801

Ion Ratio Lower Upper

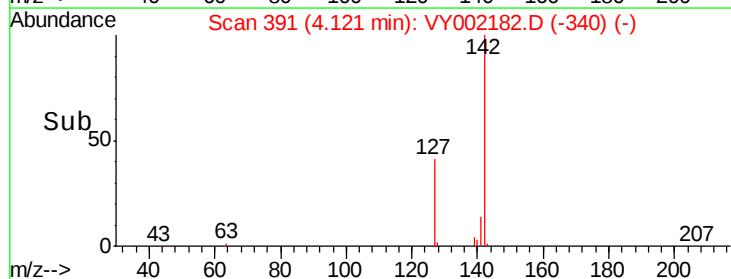
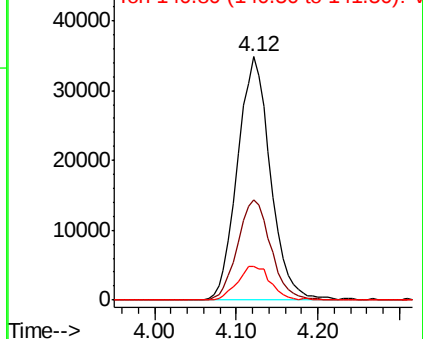
142 100

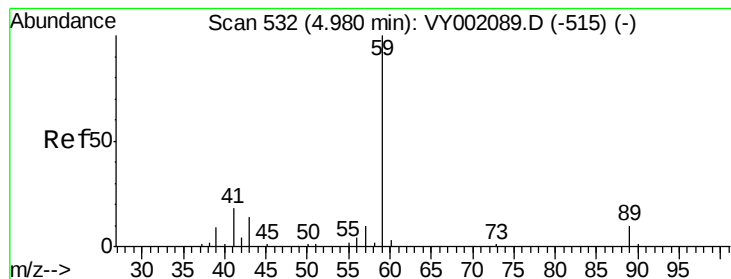
127 41.7 32.6 49.0

141 14.2 11.4 17.0



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



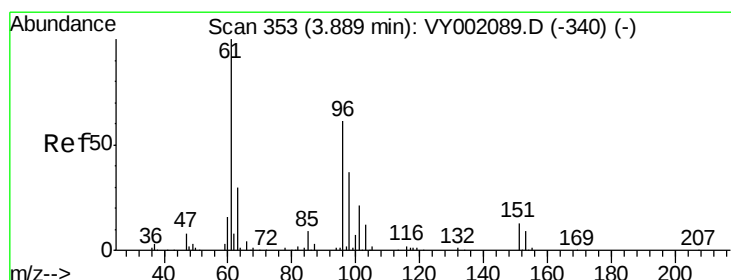
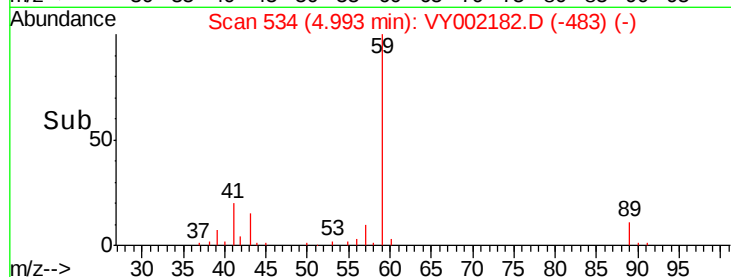
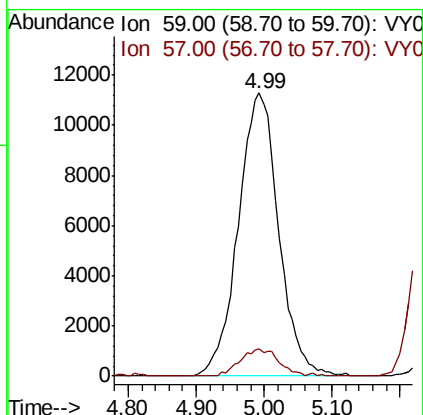
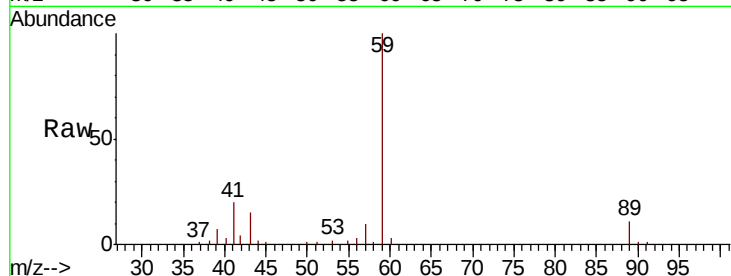


#11

Tert butyl alcohol
 Concen: 229.891 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampled :

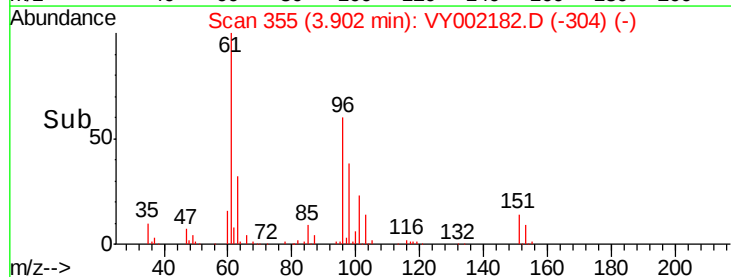
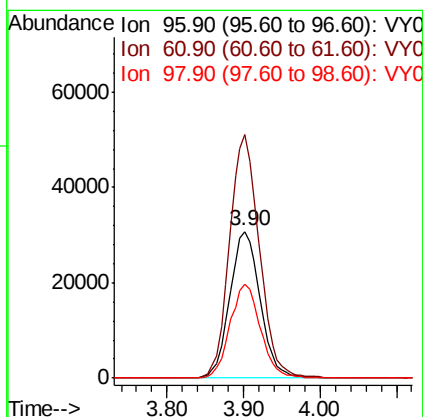
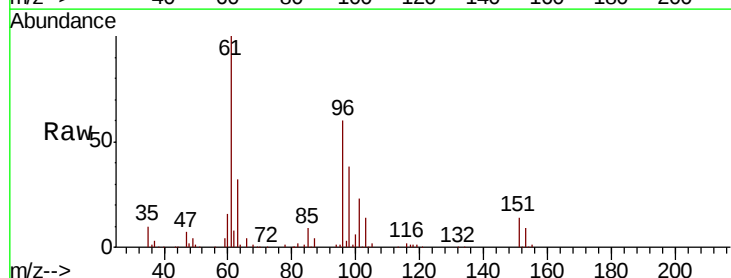
Tot Ion: 59 Resp: 46554
 Ion Ratio Lower Upper
 59 100
 57 9.2 7.7 11.5

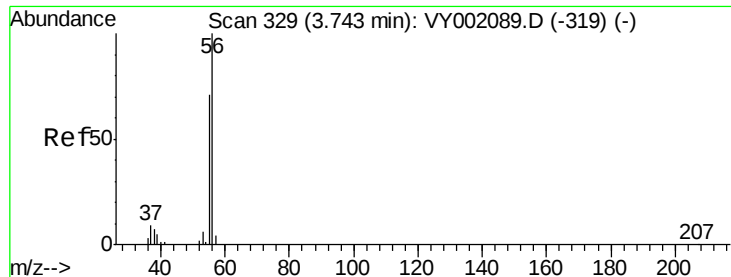


#12

1,1-Dichloroethene
 Concen: 50.263 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion: 96 Resp: 84779
 Ion Ratio Lower Upper
 96 100
 61 165.7 132.0 198.0
 98 63.8 49.4 74.0





#13

Acrolein

Concen: 284.567 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

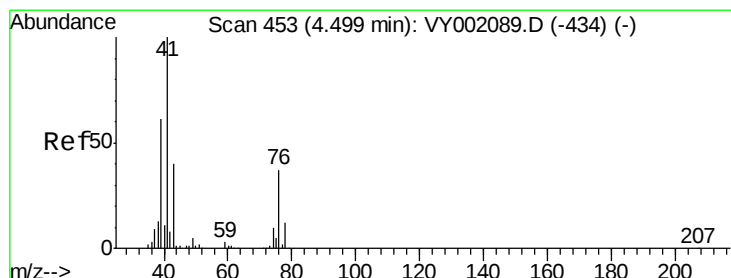
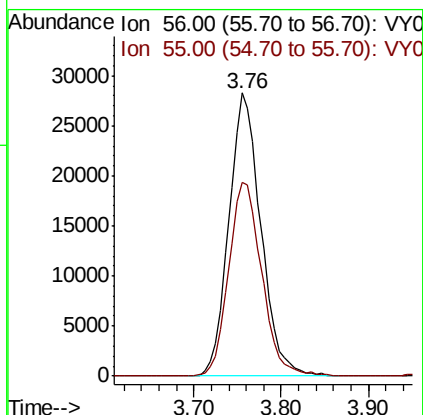
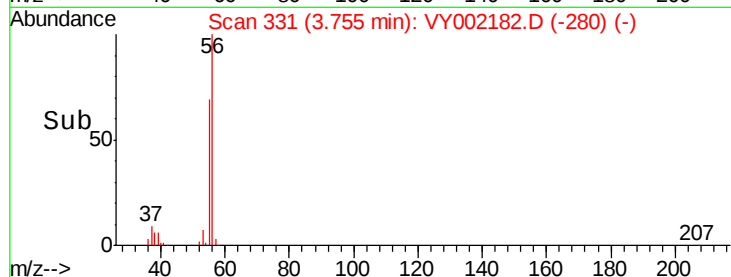
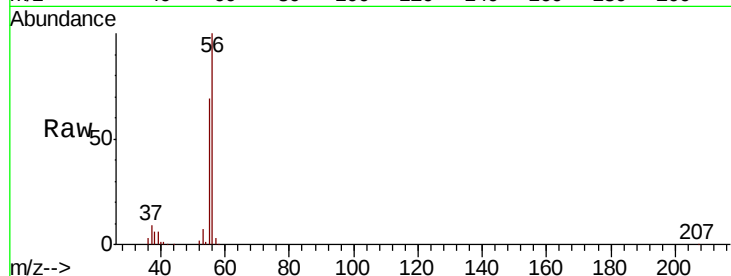
ClientSampleId :

Tot Ion: 56 Resp: 72024

Ion Ratio Lower Upper

56 100

55 70.7 56.5 84.7



#14

Allyl chloride

Concen: 51.444 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

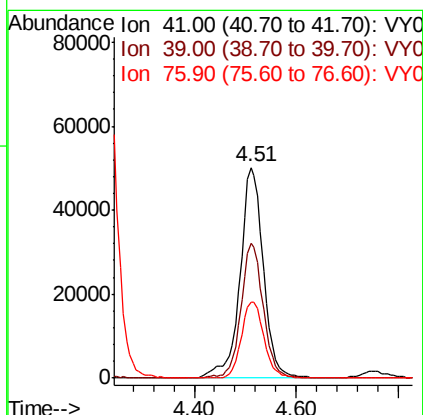
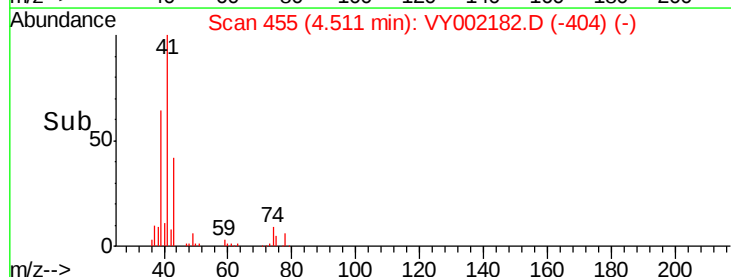
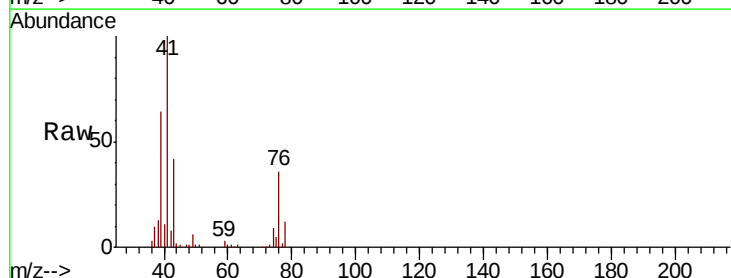
Tgt Ion: 41 Resp: 158848

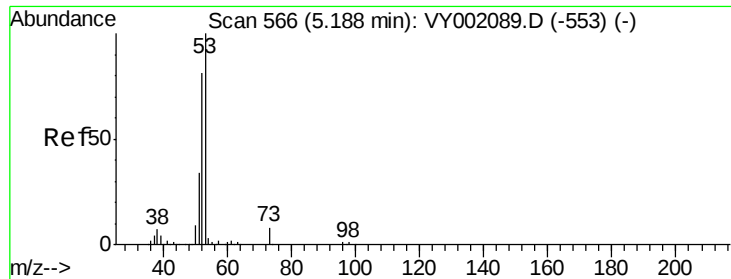
Ion Ratio Lower Upper

41 100

39 61.4 49.0 73.4

76 35.2 27.8 41.8





#15

Acrylonitrile

Concen: 263.332 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

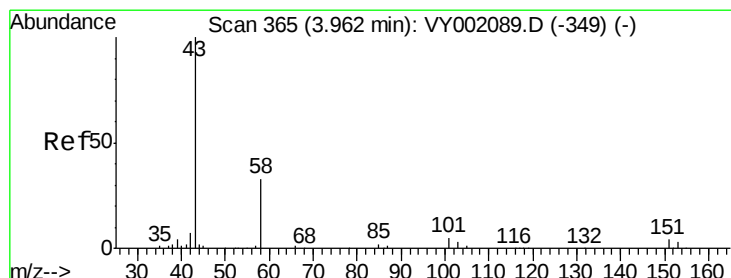
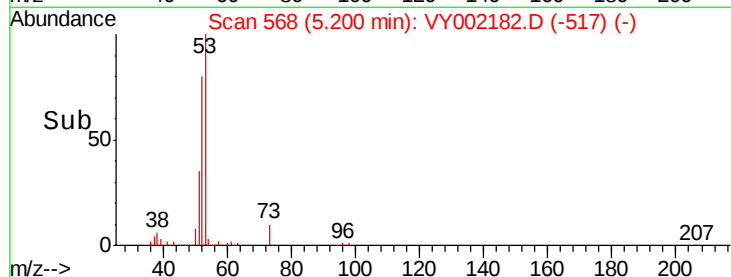
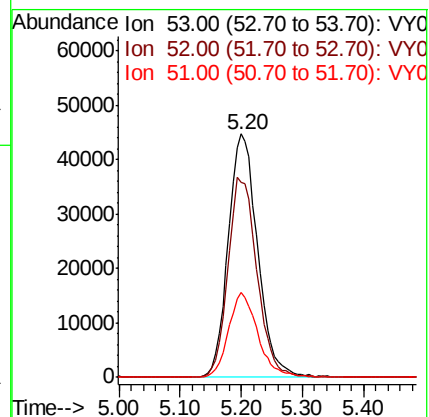
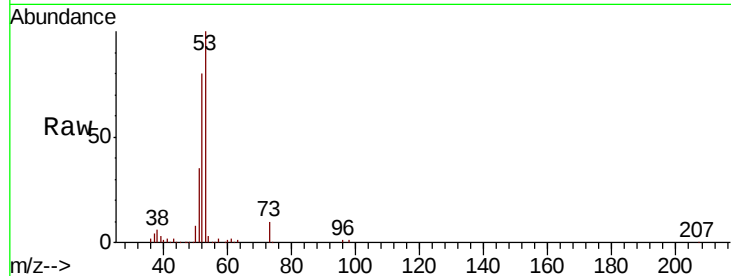
Tot Ion: 53 Resp: 148008

Ion Ratio Lower Upper

53 100

52 81.0 64.6 97.0

51 34.6 27.9 41.9



#16

Acetone

Concen: 265.772 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002182.D

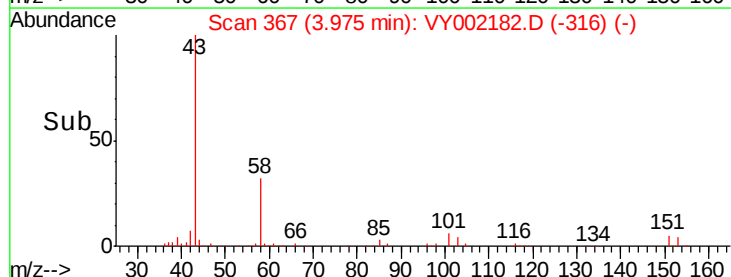
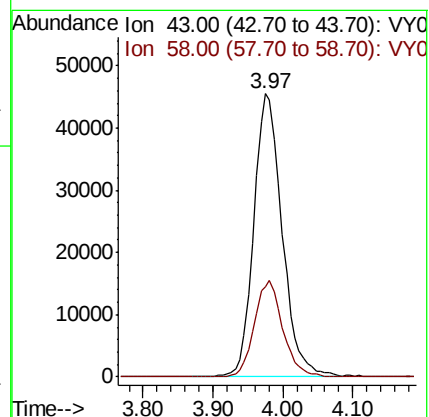
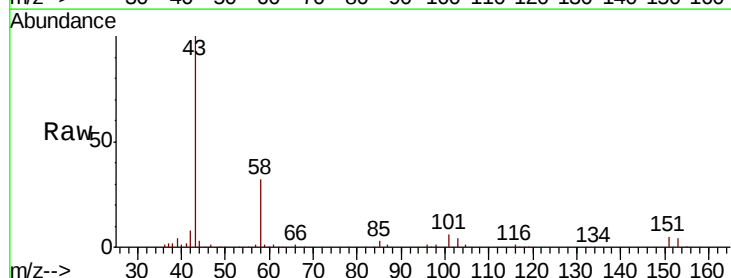
Acq: 02 Apr 2020 11:09

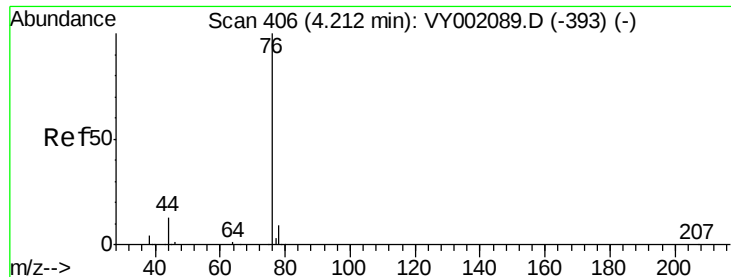
Tgt Ion: 43 Resp: 128311

Ion Ratio Lower Upper

43 100

58 31.8 26.3 39.5

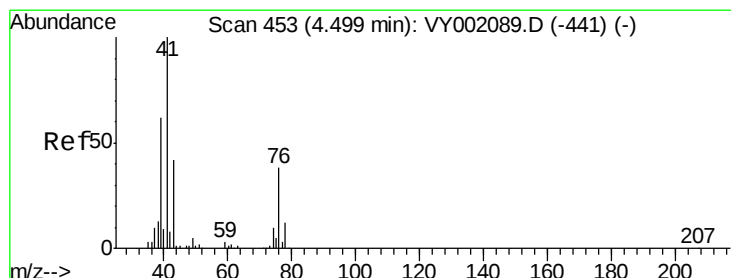
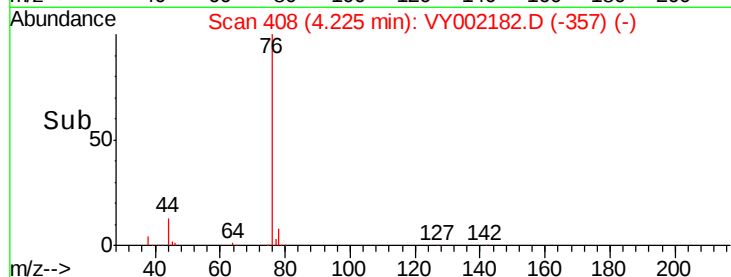
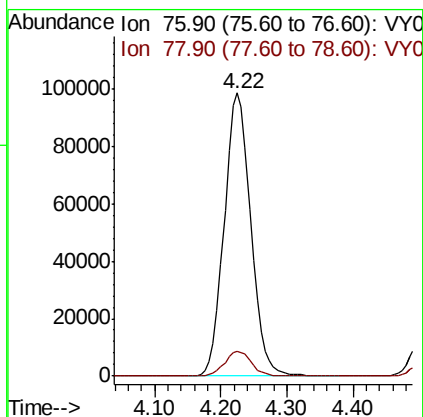
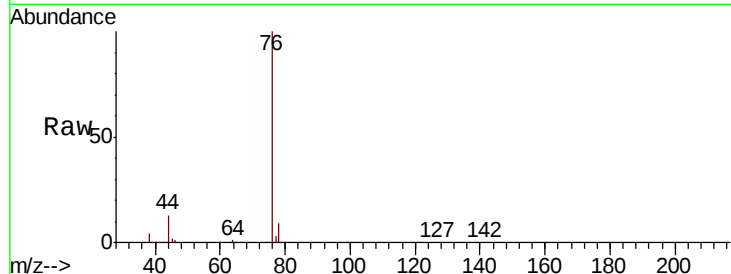




#17
Carbon Disulfide
Concen: 48.986 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

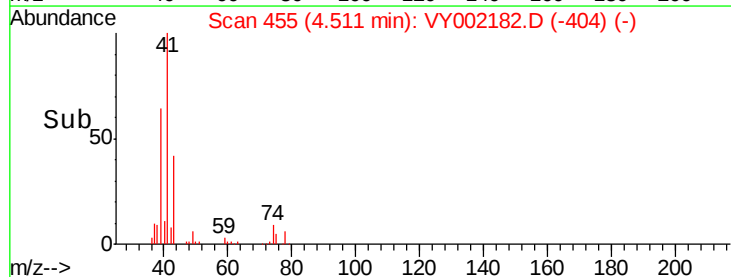
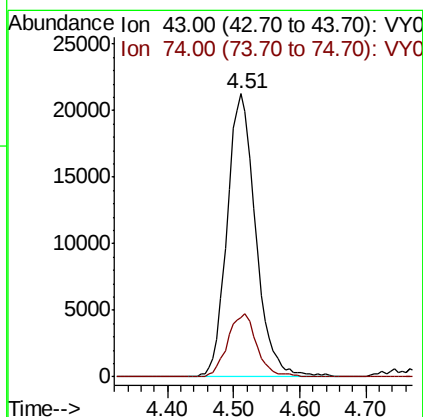
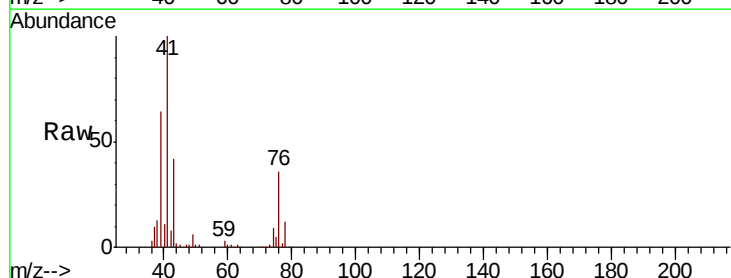
Instrument :
MSVOA_Y
ClientSampled :

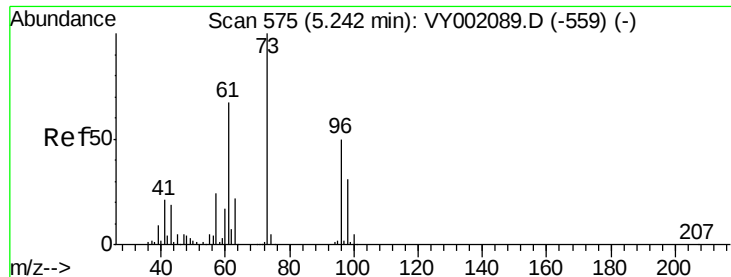
Tot Ion: 76 Resp: 274209
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 50.818 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion: 43 Resp: 63709
Ion Ratio Lower Upper
43 100
74 22.7 18.3 27.5

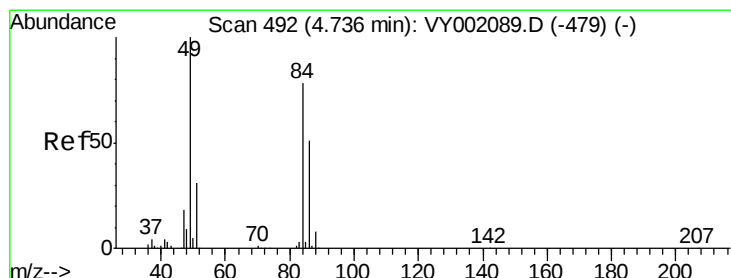
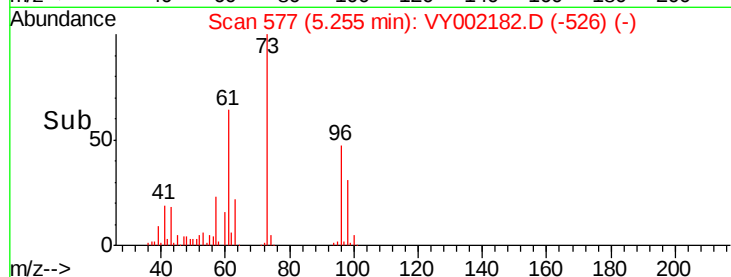
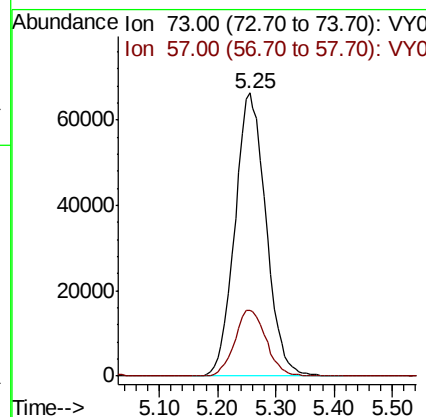
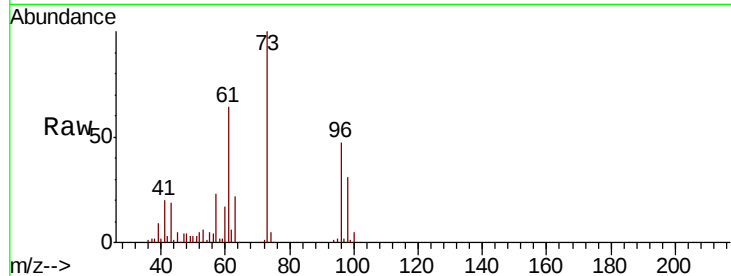




#19
Methvl tert-butvl Ether
Concen: 52.068 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

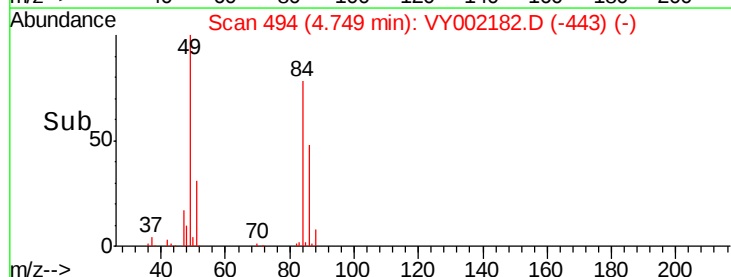
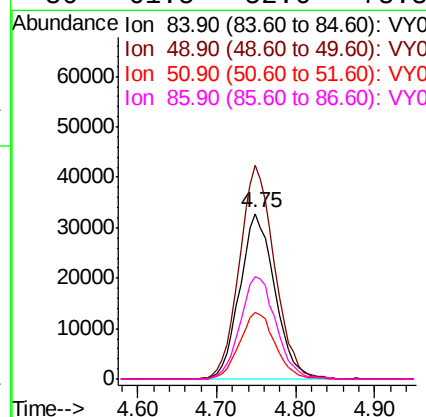
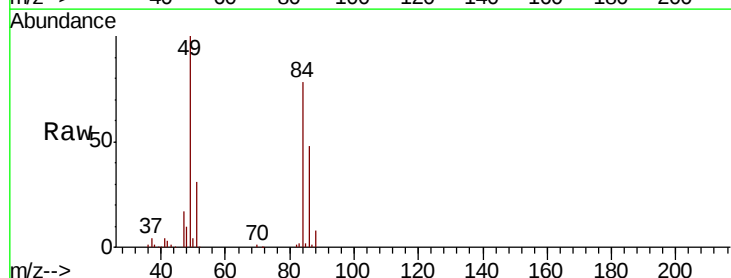
Instrument :
MSVOA_Y
ClientSampleId :

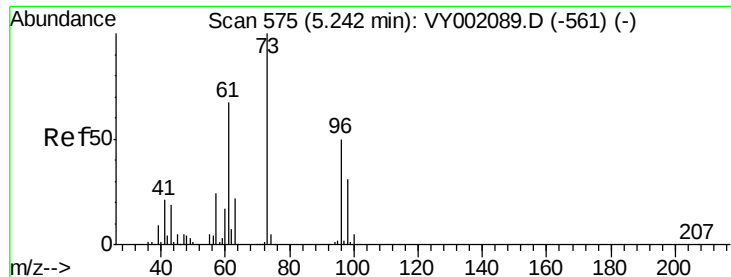
Tot Ion: 73 Resp: 245001
Ion Ratio Lower Upper
73 100
57 23.0 19.0 28.6



#20
Methylene Chloride
Concen: 50.748 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion: 84 Resp: 101284
Ion Ratio Lower Upper
84 100
49 128.8 102.2 153.4
51 39.8 31.2 46.8
86 61.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 51.838 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

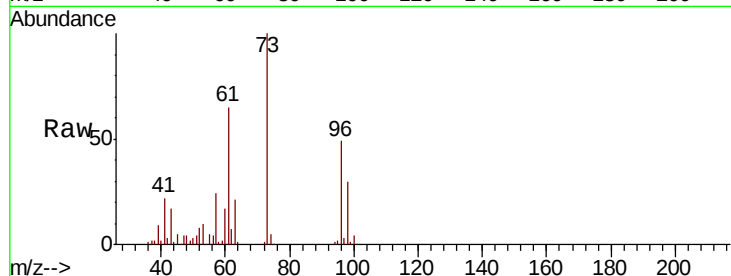
Tot Ion: 96 Resp: 99554

Ion Ratio Lower Upper

96 100

61 133.0 107.7 161.5

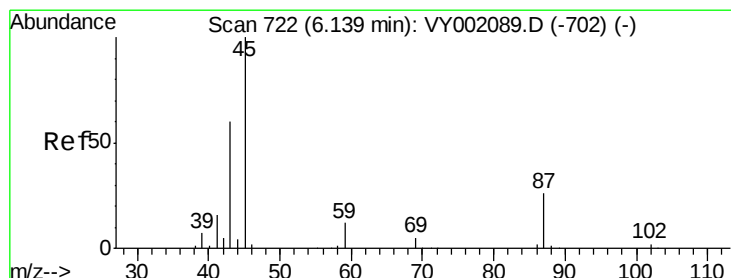
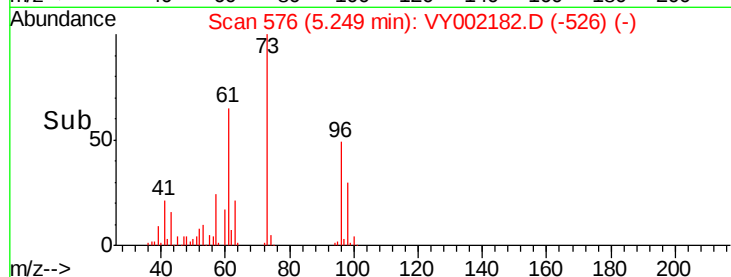
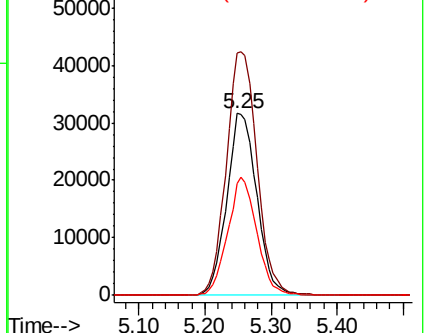
98 61.6 50.5 75.7



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: 52.760 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Tgt Ion: 45 Resp: 333400

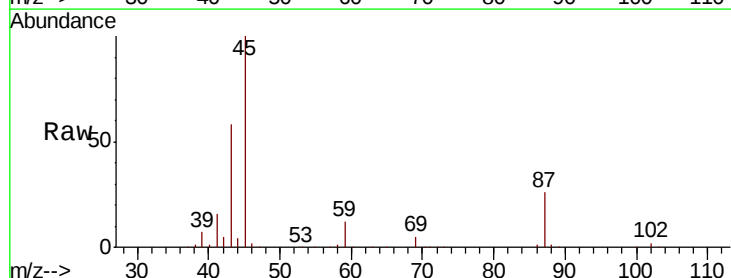
Ion Ratio Lower Upper

45 100

43 58.0 48.1 72.1

87 25.9 21.1 31.7

59 11.7 9.2 13.8

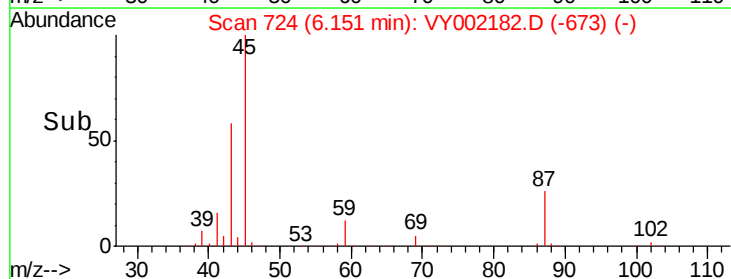
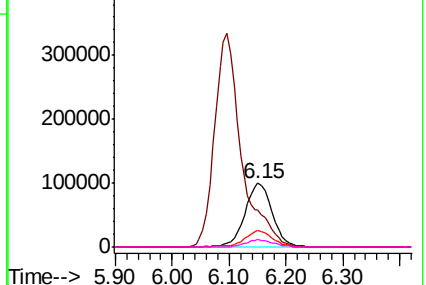


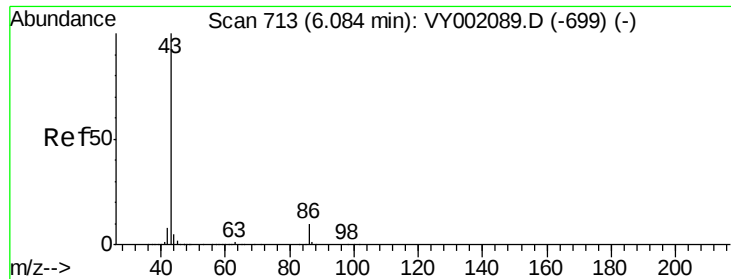
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 264.309 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

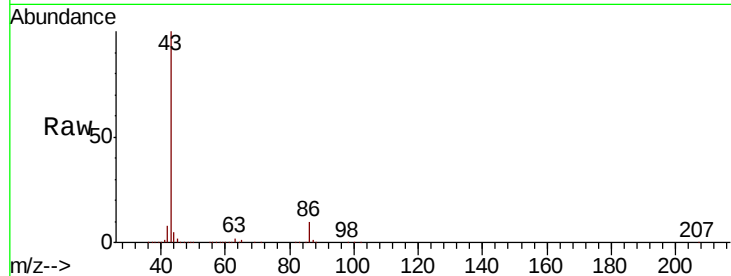
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1095219

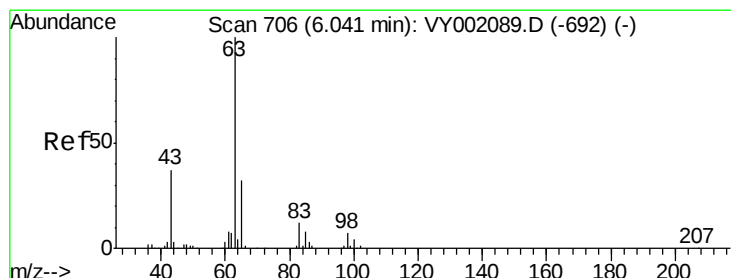
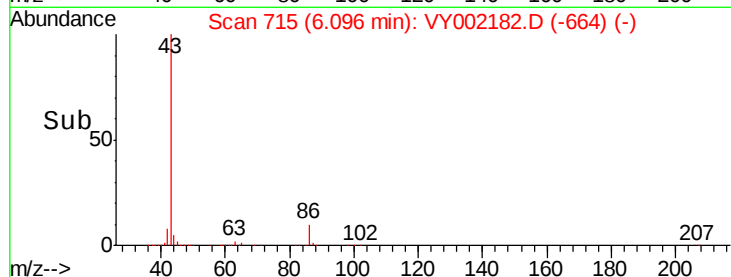
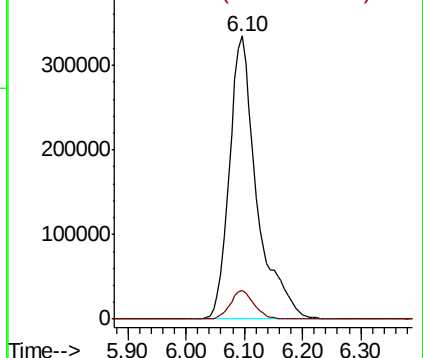
Ion Ratio Lower Upper

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: 52.093 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

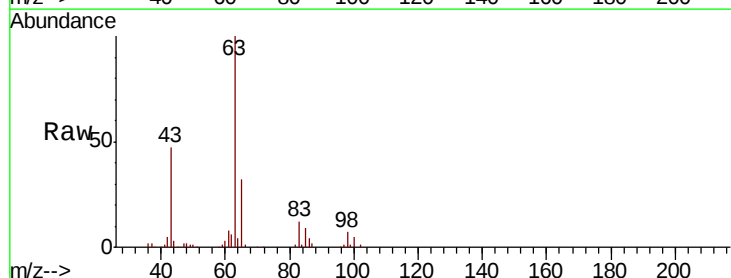
Tgt Ion: 63 Resp: 175024

Ion Ratio Lower Upper

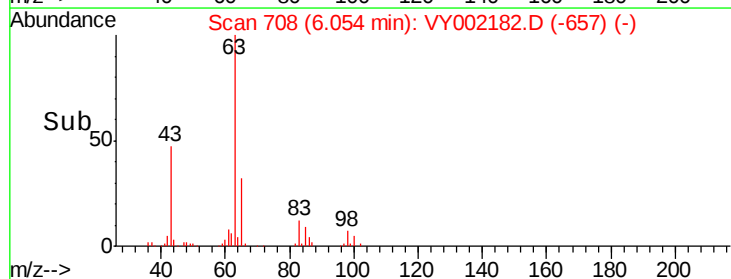
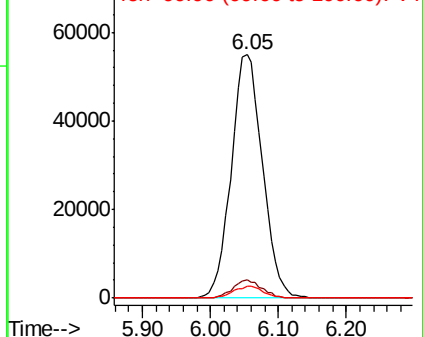
63 100

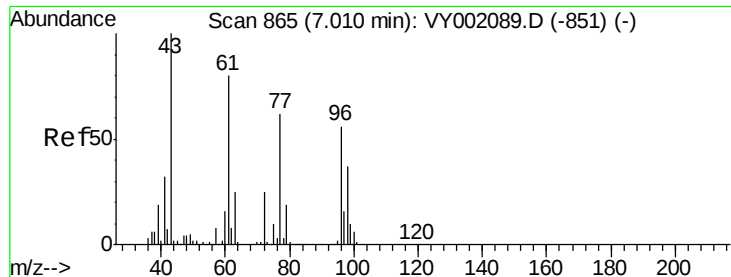
98 7.4 3.3 9.9

100 4.7 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

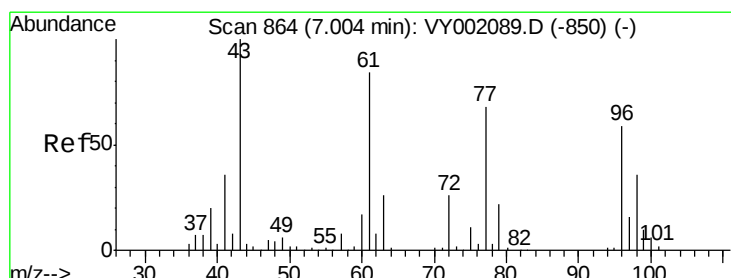
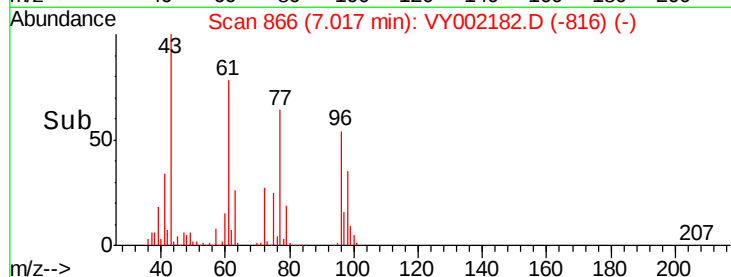
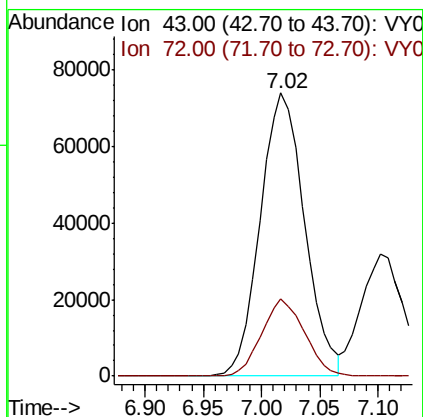
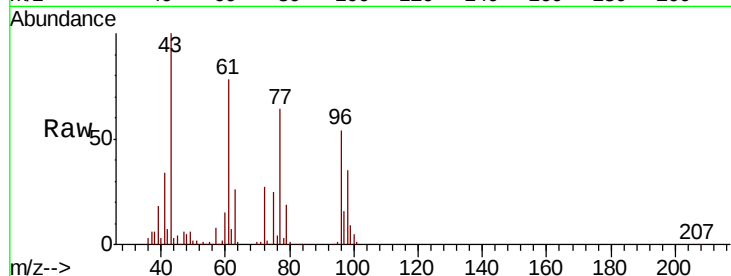




#25
2-Butanone
Concen: 263.860 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

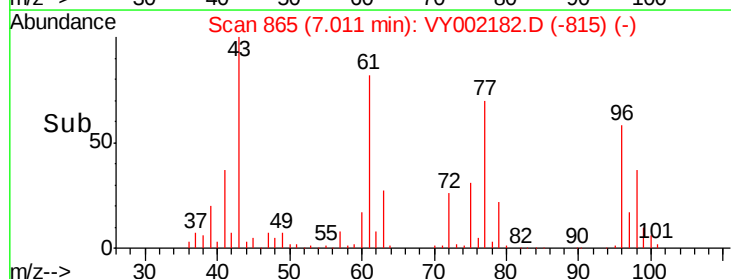
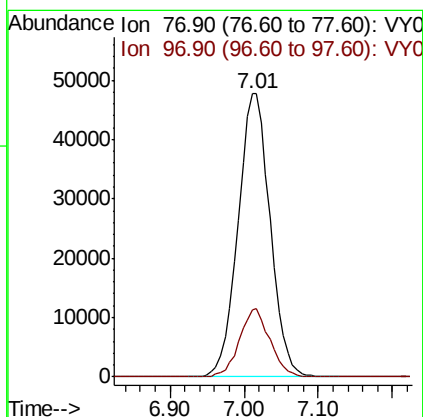
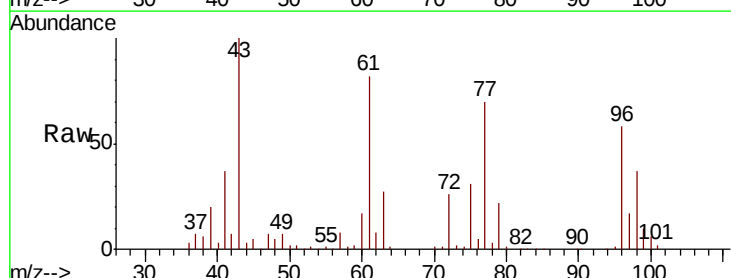
Instrument :
MSVOA_Y
ClientSampled :

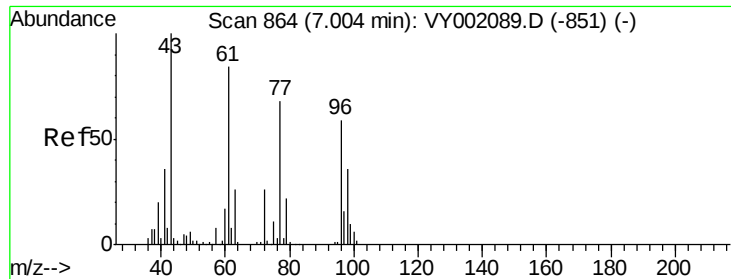
Tot Ion: 43 Resp: 195605
Ion Ratio Lower Upper
43 100
72 27.4 20.2 30.2



#26
2,2-Dichloropropane
Concen: 52.132 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion: 77 Resp: 144256
Ion Ratio Lower Upper
77 100
97 22.9 11.7 35.1

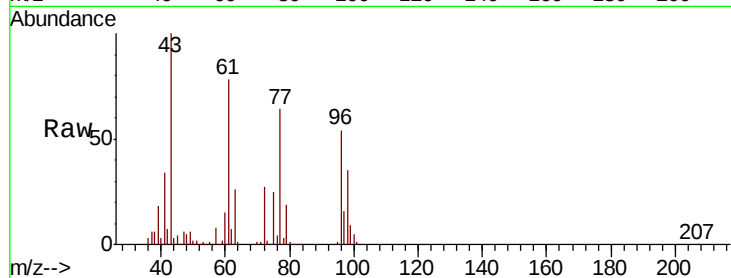




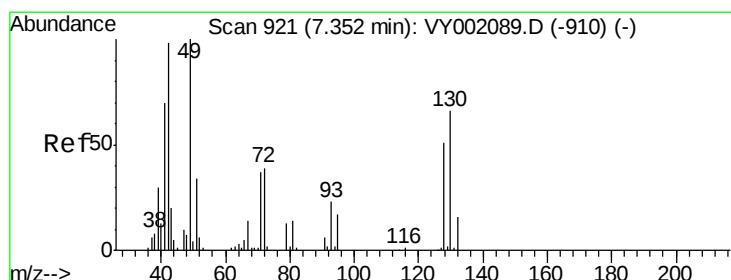
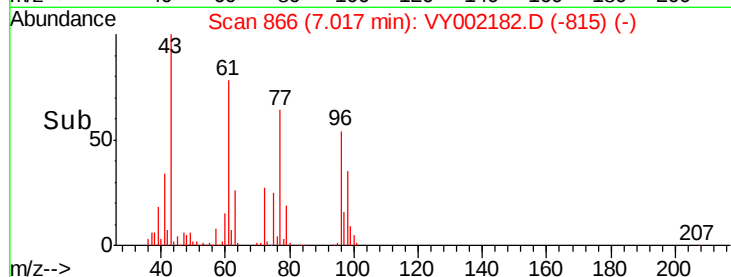
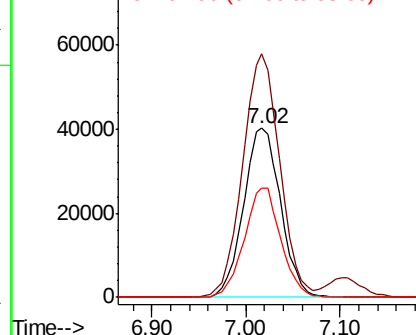
#27
 cis-1,2-Dichloroethene
 Concen: 52.166 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 110217
 Ion Ratio Lower Upper
 96 100
 61 143.9 0.0 290.6
 98 63.6 0.0 128.0

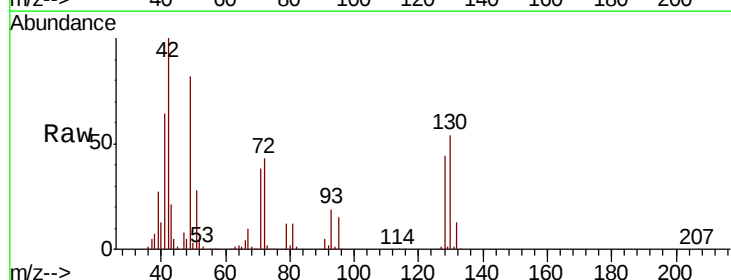


Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0

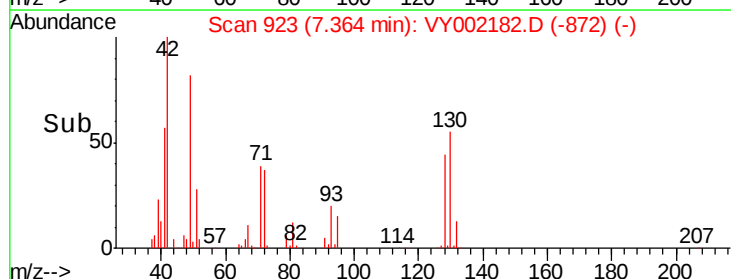
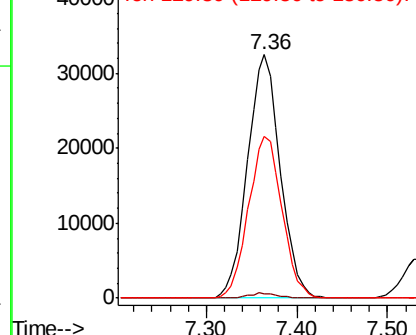


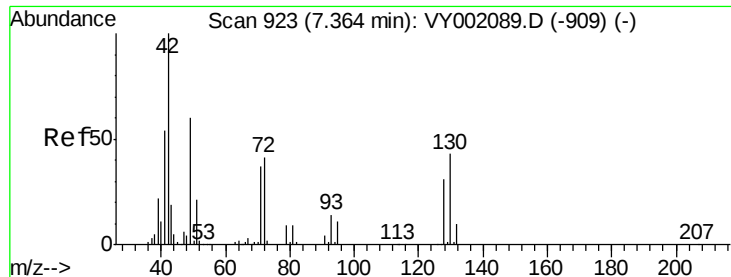
#28
 Bromochloromethane
 Concen: 52.885 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion: 49 Resp: 81120
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 67.9 54.1 81.1



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

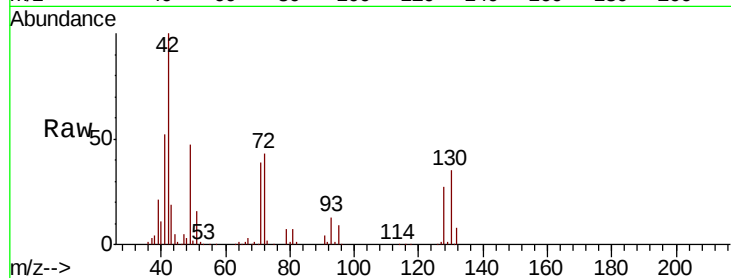




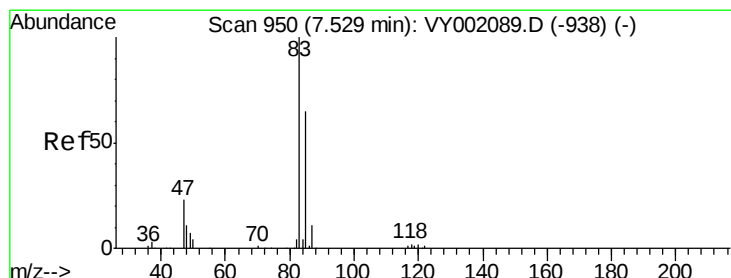
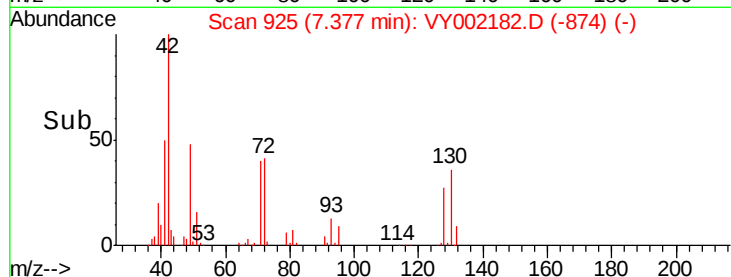
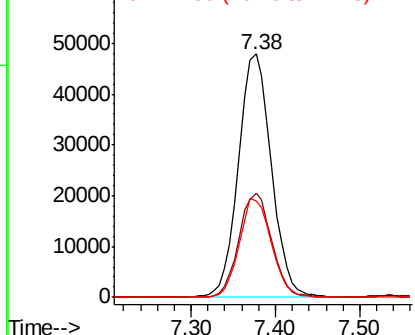
#29
Tetrahydrofuran
Concen: 261.118 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 126913
Ion Ratio Lower Upper
42 100
72 42.3 33.0 49.4
71 39.3 31.2 46.8

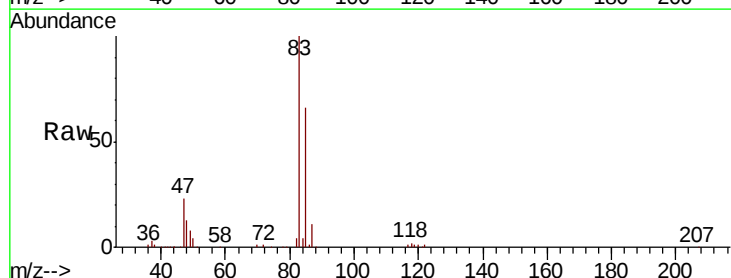


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

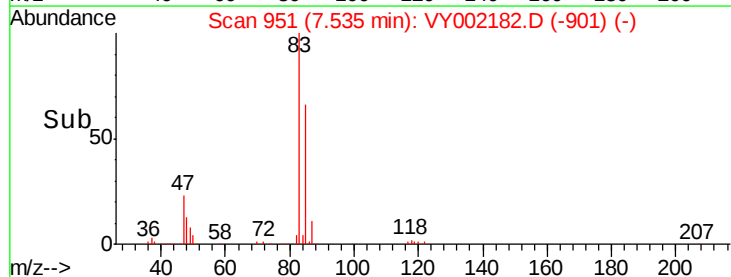
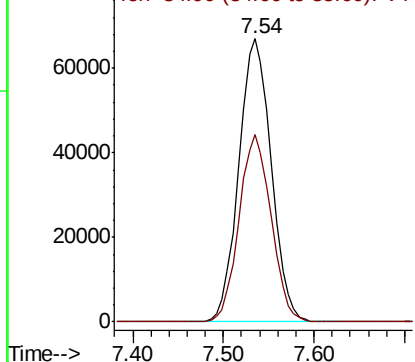


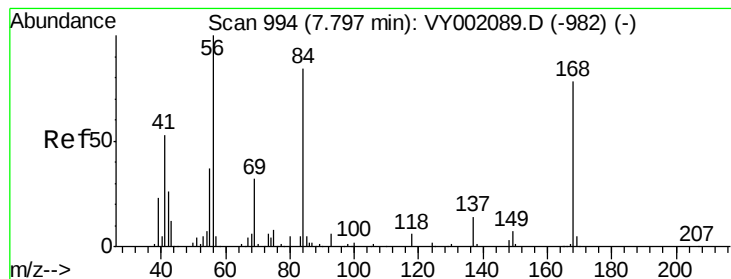
#30
Chloroform
Concen: 52.129 ug/l
RT: 7.54 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion: 83 Resp: 166015
Ion Ratio Lower Upper
83 100
85 66.4 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: 48.702 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampled :

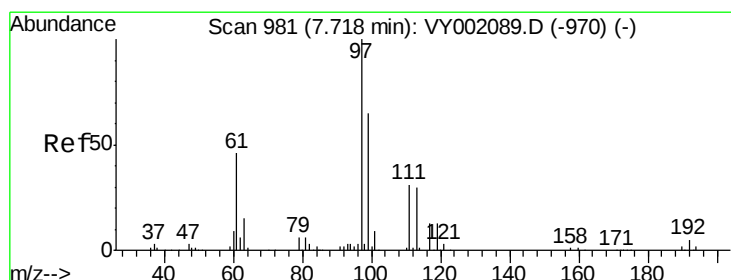
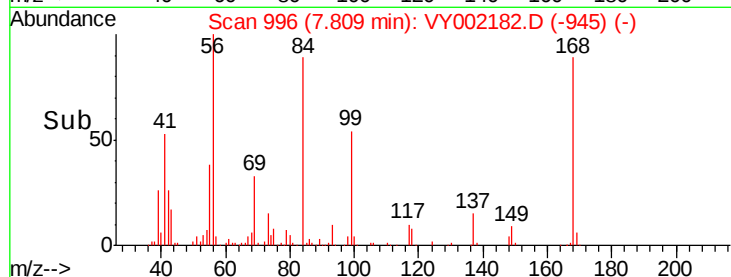
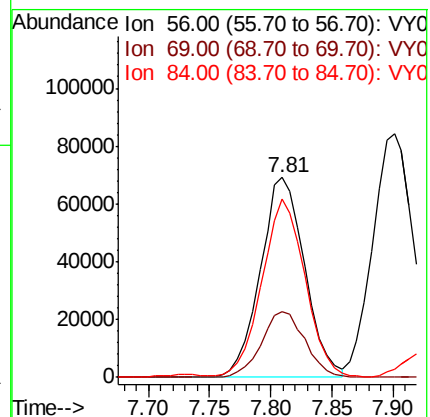
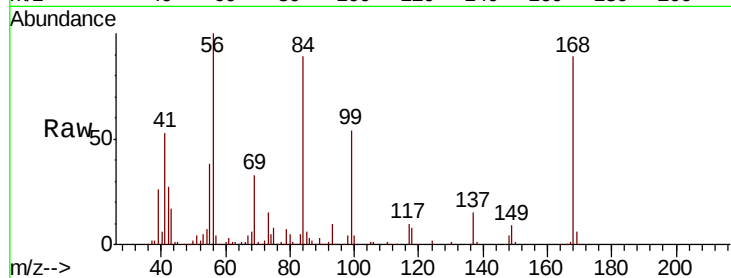
Tot Ion: 56 Resp: 174361

Ion Ratio Lower Upper

56 100

69 32.9 25.8 38.8

84 87.9 67.1 100.7



#32

1,1,1-Trichloroethane

Concen: 51.878 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

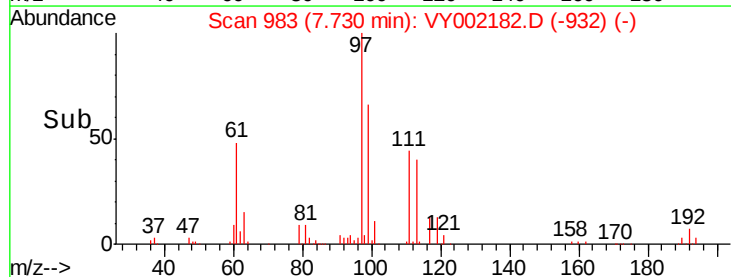
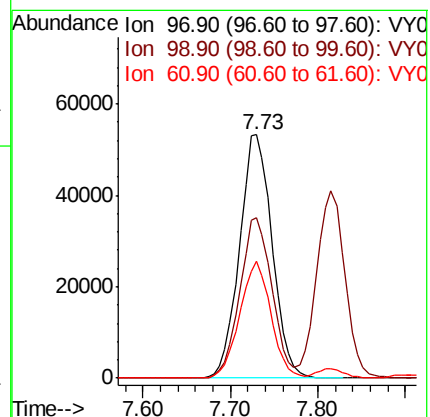
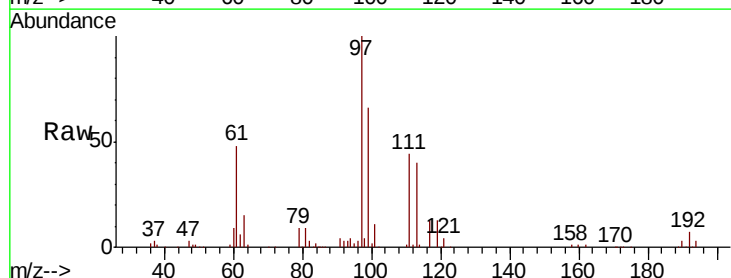
Tgt Ion: 97 Resp: 137943

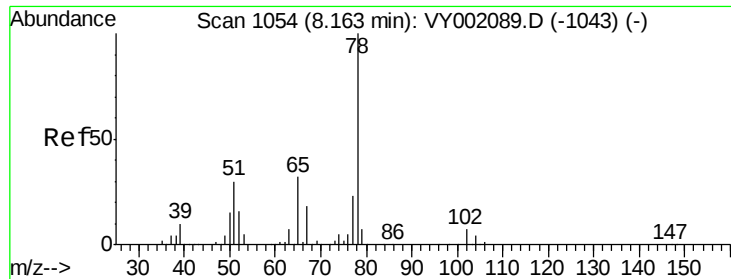
Ion Ratio Lower Upper

97 100

99 64.7 52.0 78.0

61 45.8 35.7 53.5

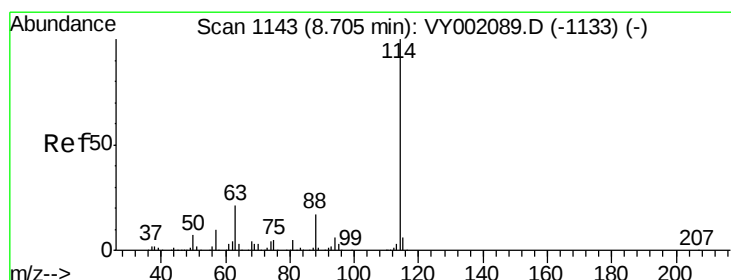
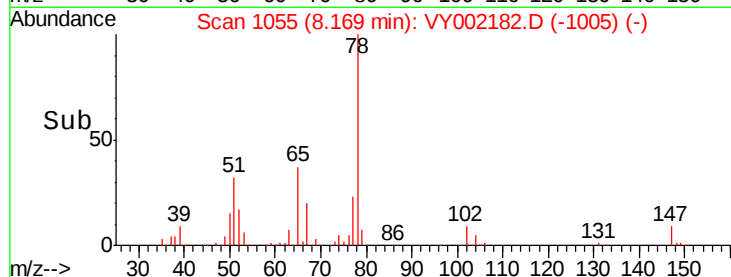
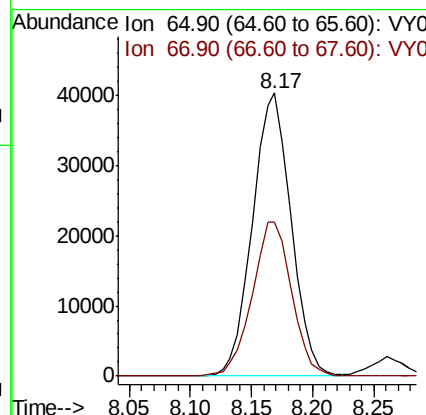
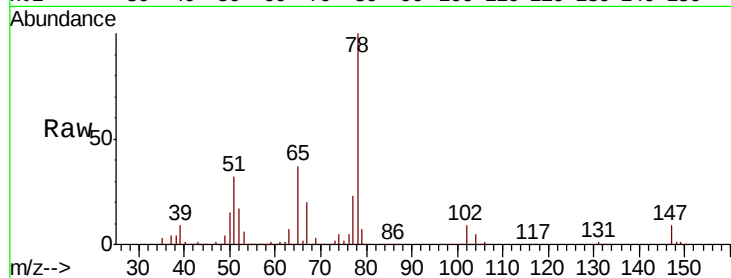




#33
 1,2-Dichloroethane-d4
 Concen: 51.585 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

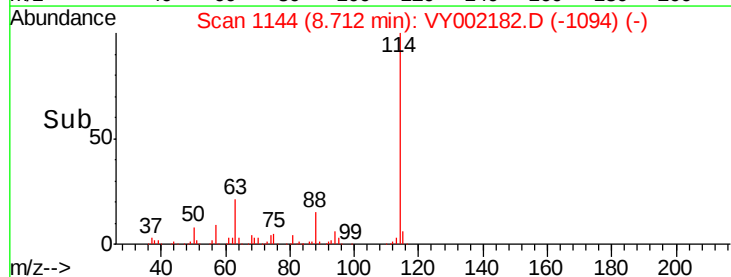
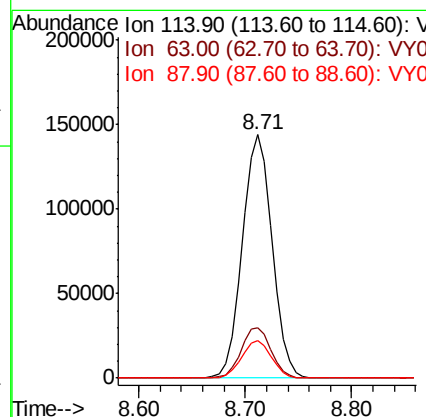
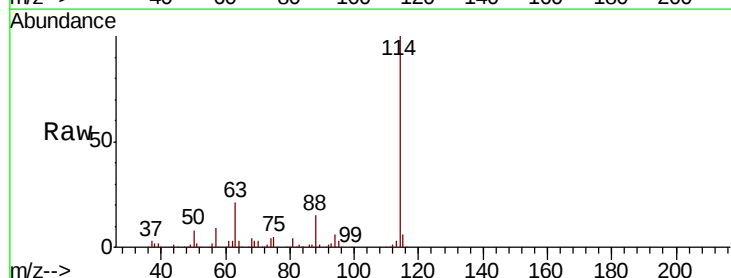
Instrument :
 MSVOA_Y
 ClientSampleId :

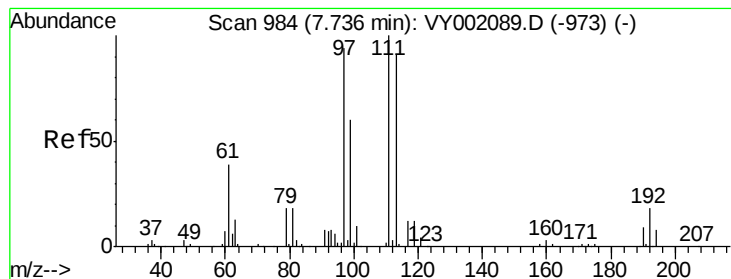
Tot Ion: 65 Resp: 88645
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion: 114 Resp: 282665
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.113 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampled :

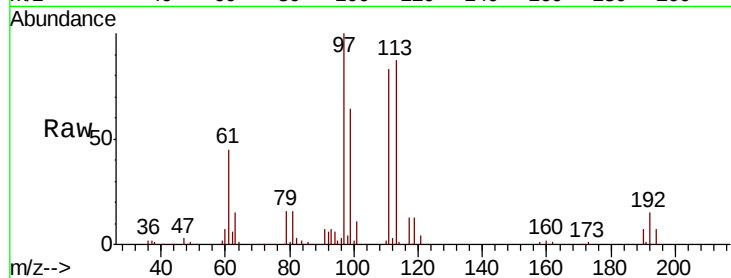
Tot Ion:113 Resp: 82538

Ion Ratio Lower Upper

113 100

111 102.5 84.4 126.6

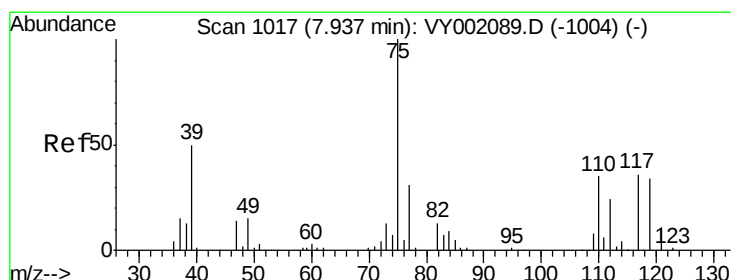
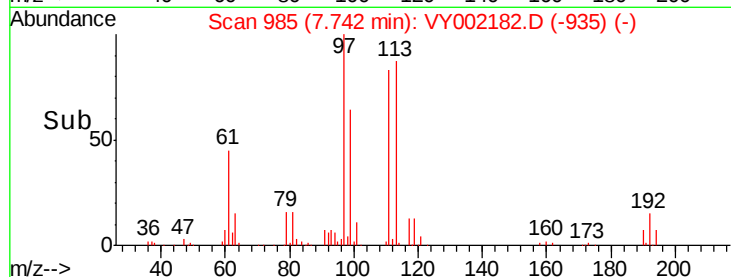
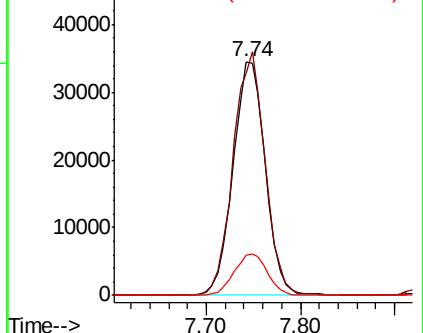
192 18.1 14.6 21.8



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: 51.148 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

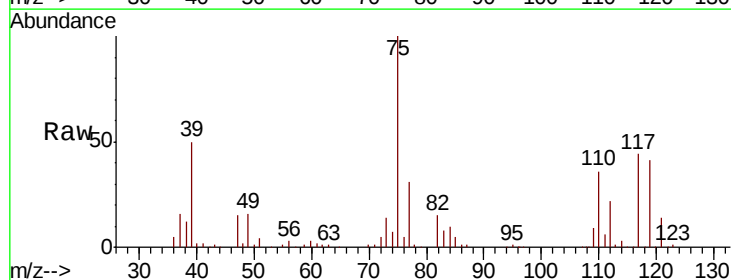
Tgt Ion: 75 Resp: 136750

Ion Ratio Lower Upper

75 100

110 34.9 17.2 51.6

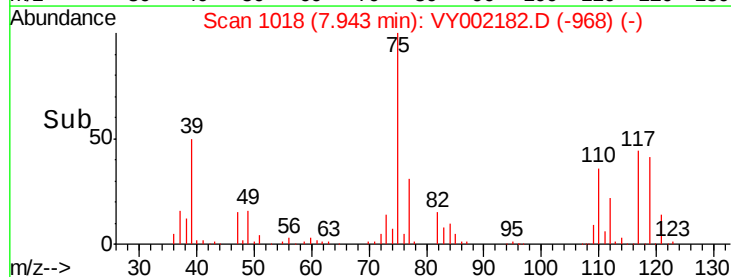
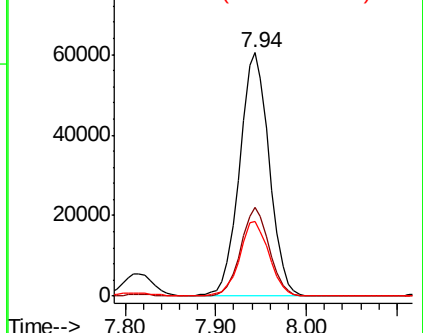
77 30.6 24.7 37.1

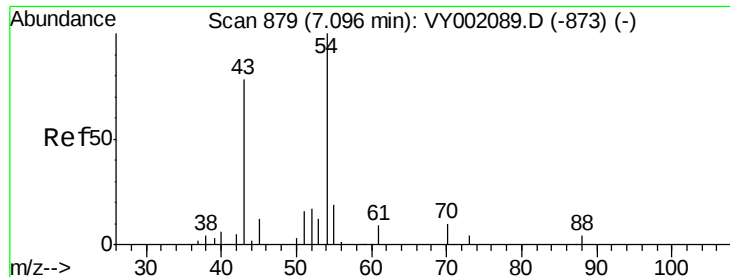


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

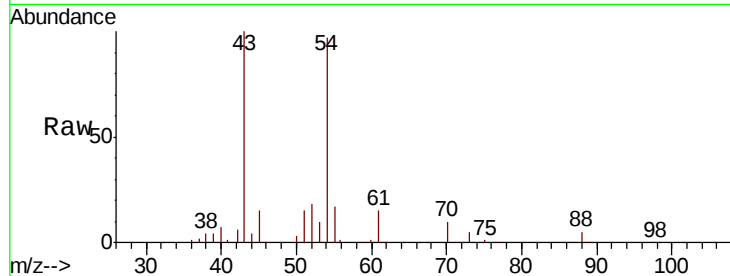




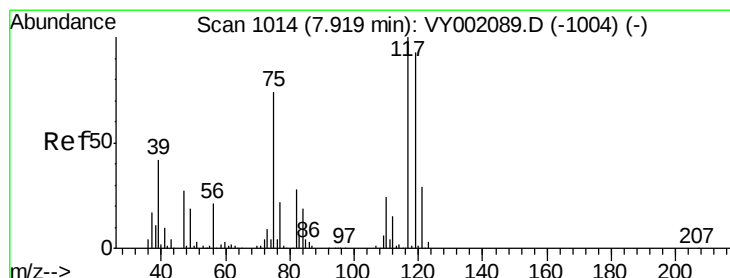
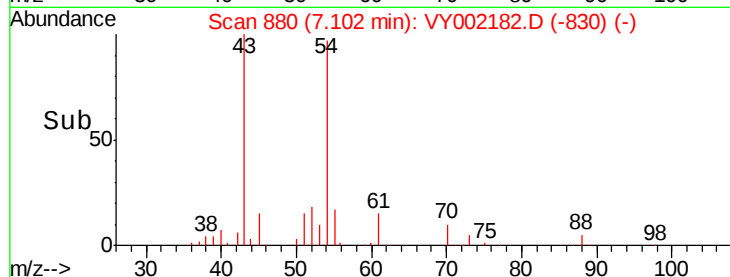
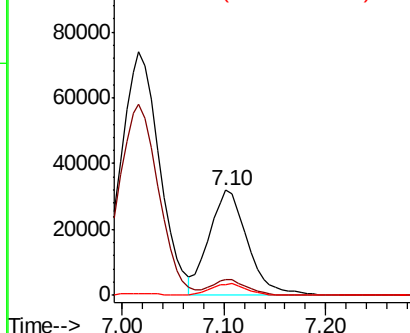
#37
Ethyl Acetate
Concen: 51.730 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 83579
Ion Ratio Lower Upper
43 100
61 14.8 11.2 16.8
70 10.7 8.2 12.4

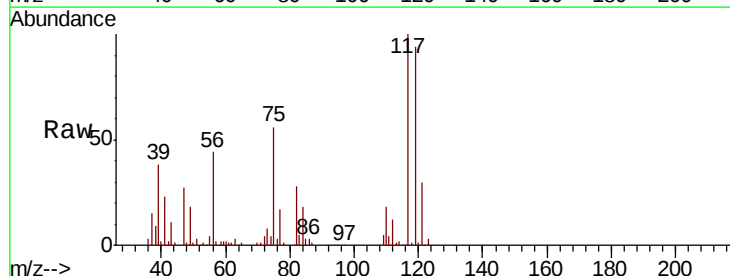


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

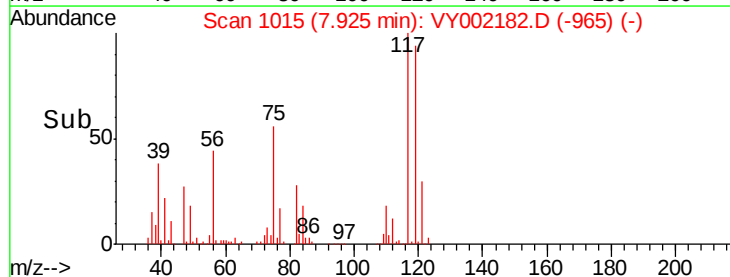
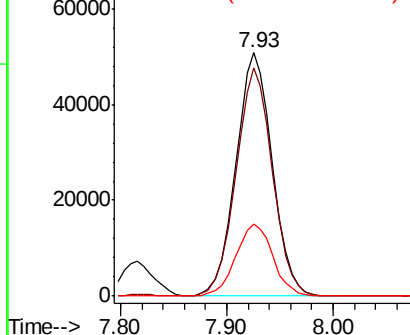


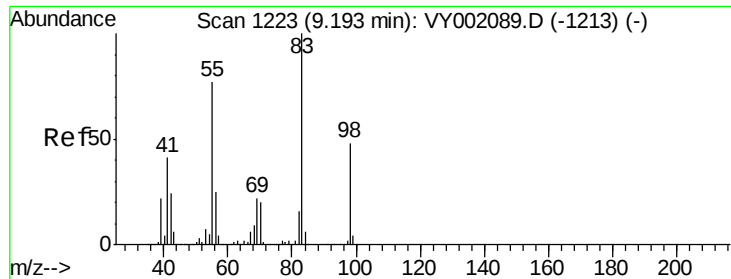
#38
Carbon Tetrachloride
Concen: 53.484 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion: 117 Resp: 121320
Ion Ratio Lower Upper
117 100
119 93.5 74.3 111.5
121 29.6 23.3 34.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

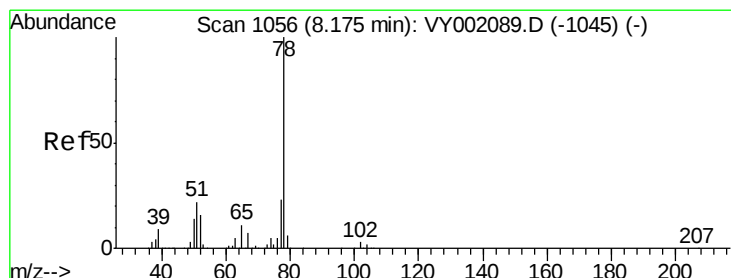
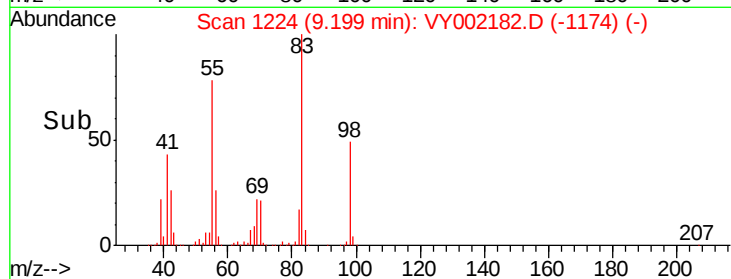
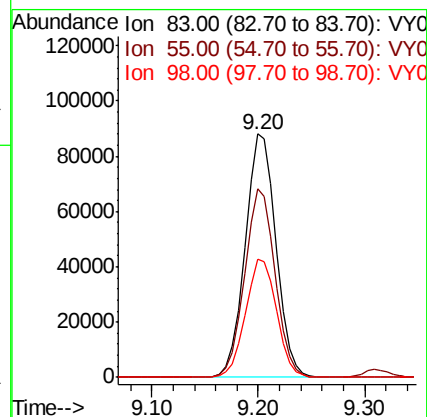
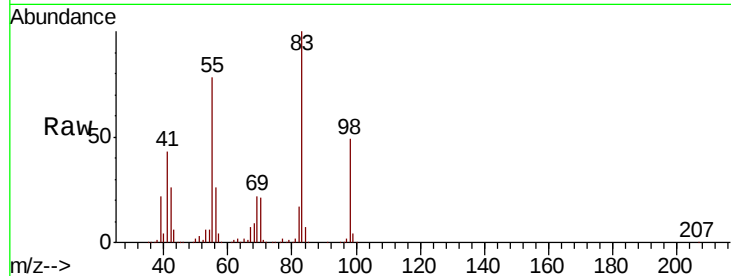




#39
Methvlcvclohexane
Concen: 51.096 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

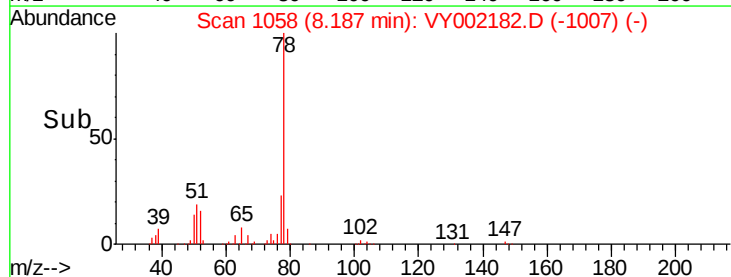
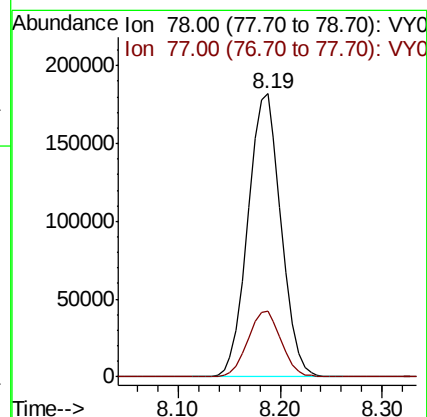
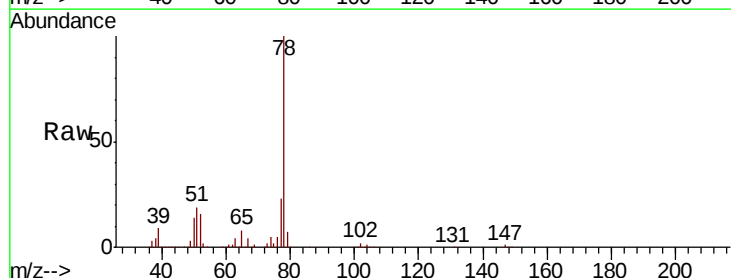
Instrument :
MSVOA_Y
ClientSampled :

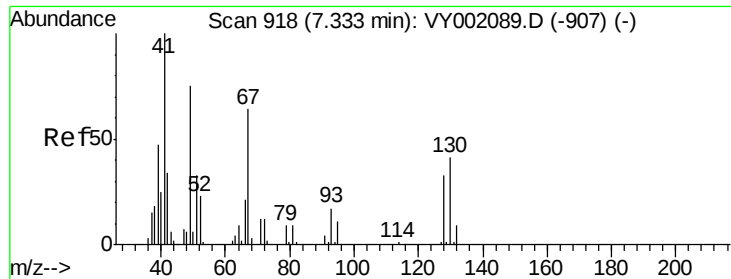
Tot Ion: 83 Resp: 179194
Ion Ratio Lower Upper
83 100
55 77.7 61.2 91.8
98 48.7 38.2 57.2



#40
Benzene
Concen: 51.893 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion: 78 Resp: 410968
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.4

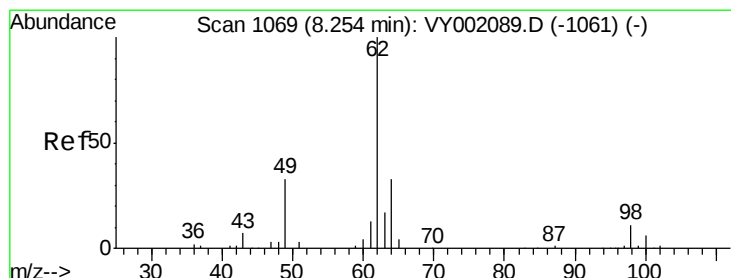
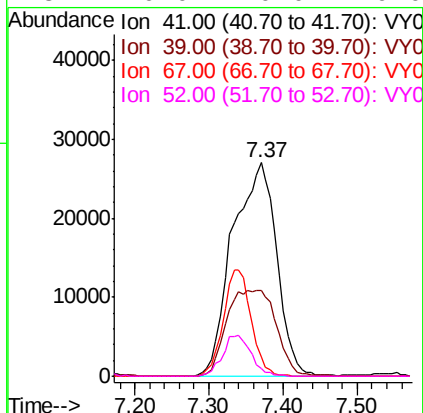
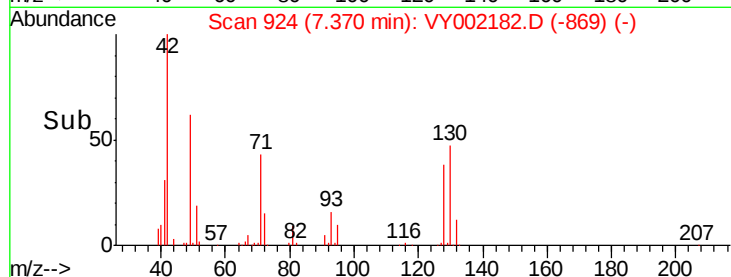
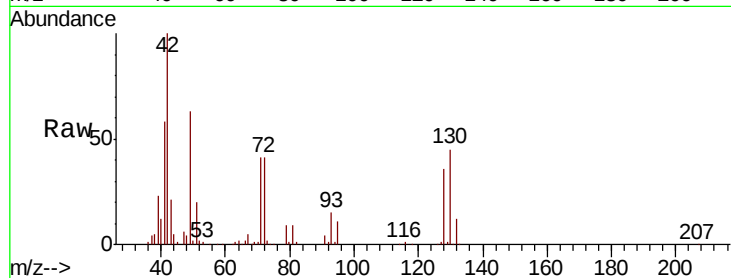




#41
Methacrylonitrile
Concen: 136.897 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.04 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

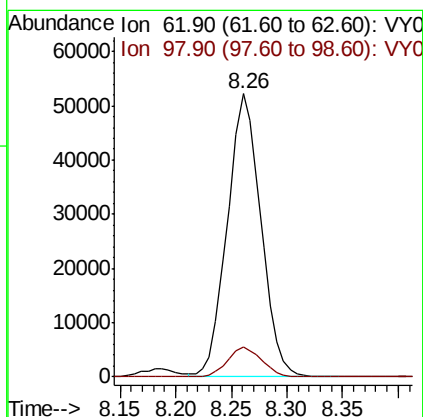
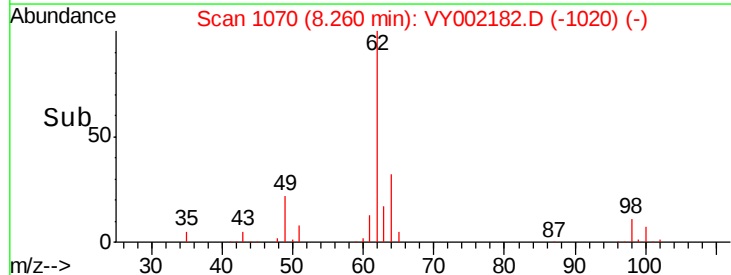
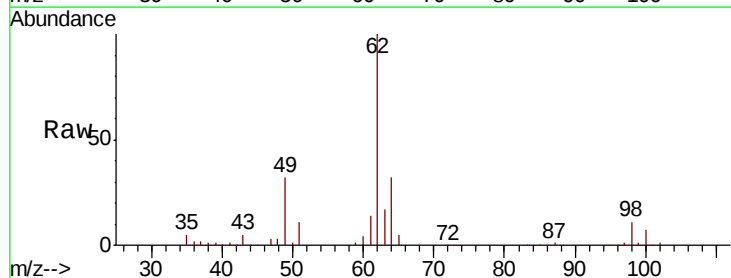
Instrument :
MSVOA_Y
ClientSampleId :

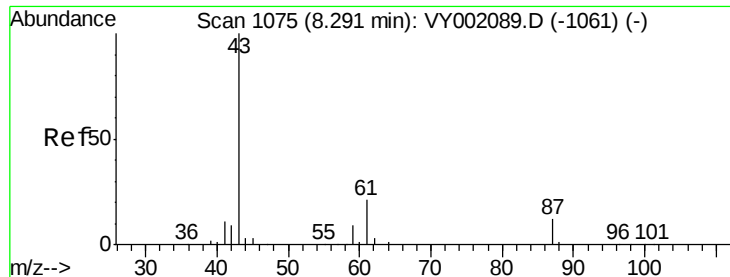
Tot Ion: 41 Resp: 111879
Ion Ratio Lower Upper
41 100
39 45.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.998 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion: 62 Resp: 109330
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.2





#43

Isopropyl Acetate

Concen: 52.137 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

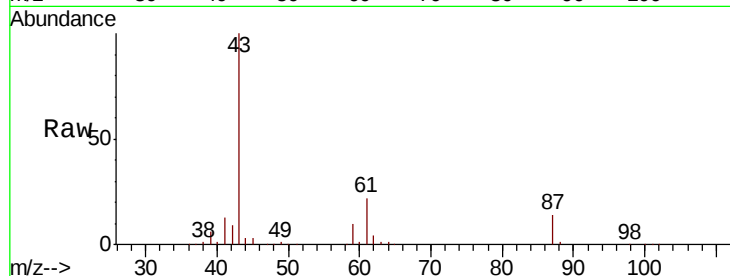
Tot Ion: 43 Resp: 156347

Ion Ratio Lower Upper

43 100

61 29.3 23.4 35.2

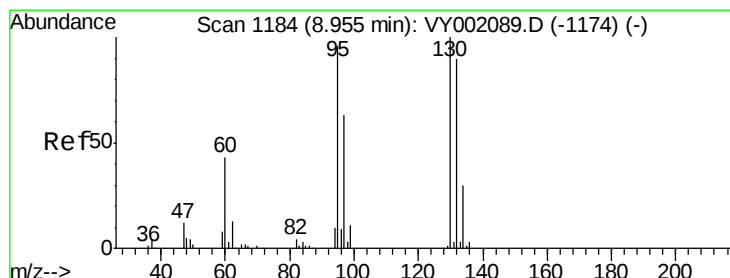
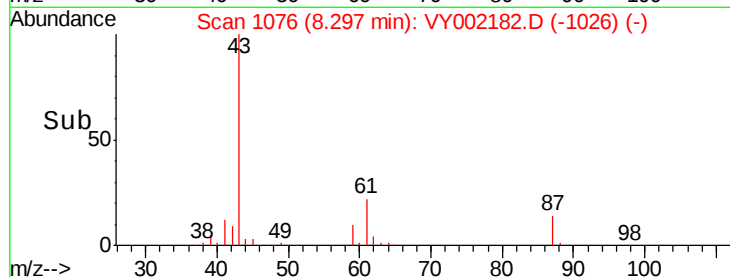
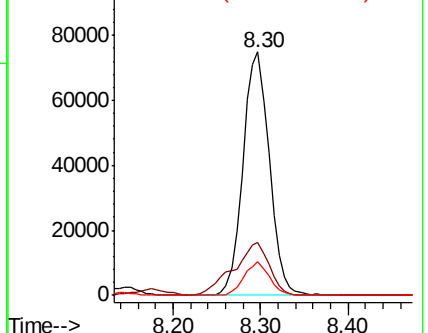
87 13.2 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY002182.D (-1026) (-)

Ion 61.00 (60.70 to 61.70): VY002182.D (-1026) (-)

Ion 87.00 (86.70 to 87.70): VY002182.D (-1026) (-)



#44

Trichloroethene

Concen: 52.756 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.01 min

Lab File: VY002182.D

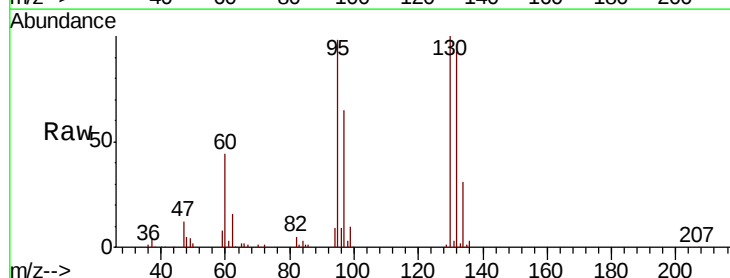
Acq: 02 Apr 2020 11:09

Tgt Ion:130 Resp: 100713

Ion Ratio Lower Upper

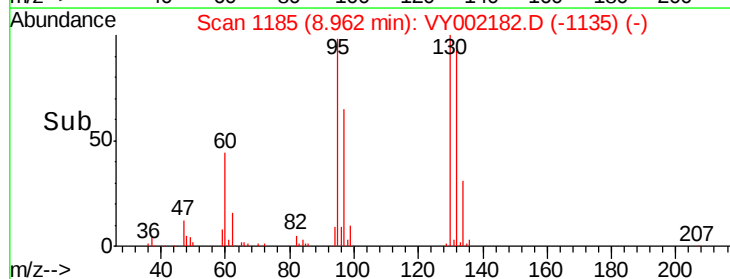
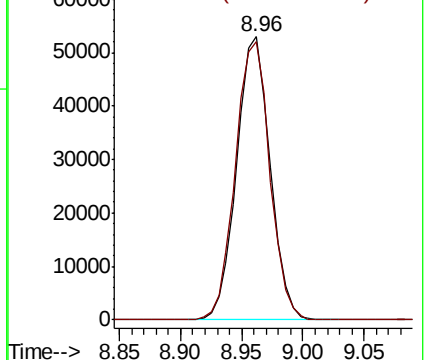
130 100

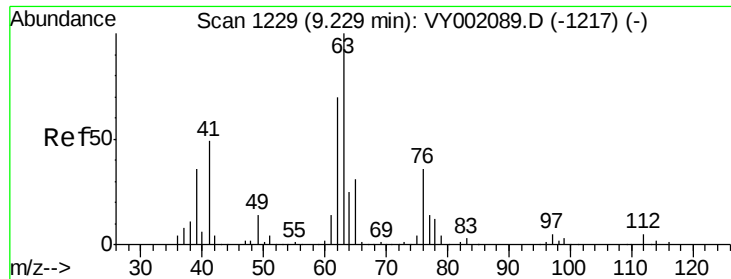
95 98.1 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VY002182.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY002182.D (-1135) (-)

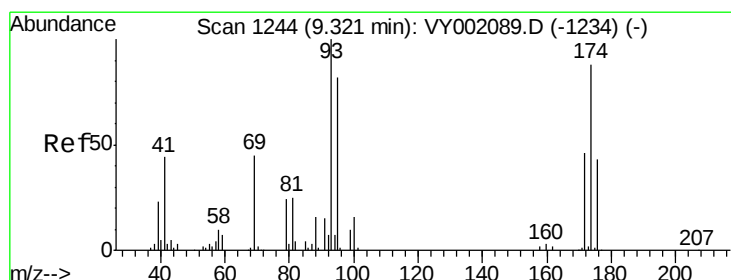
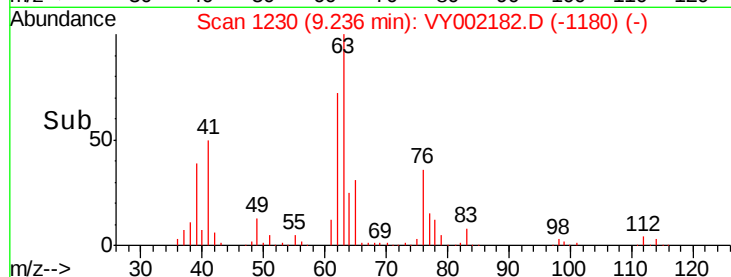
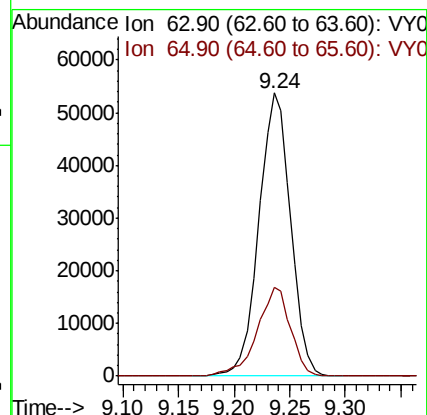
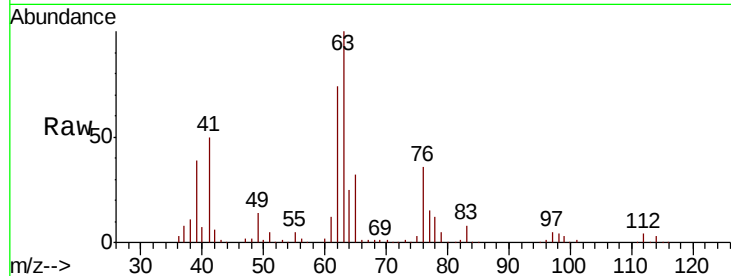




#45
 1,2-Dichloropropane
 Concen: 52.798 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

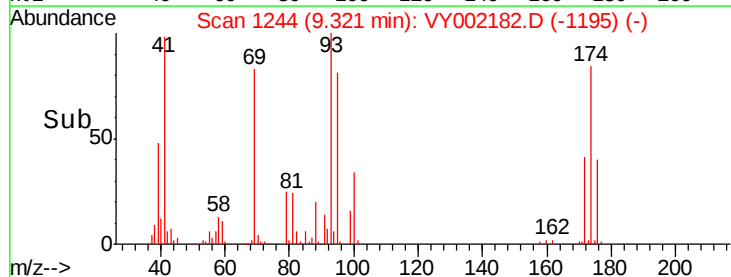
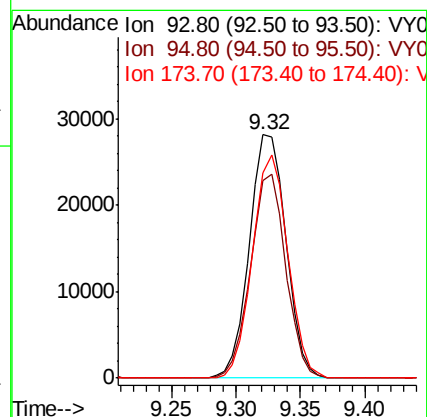
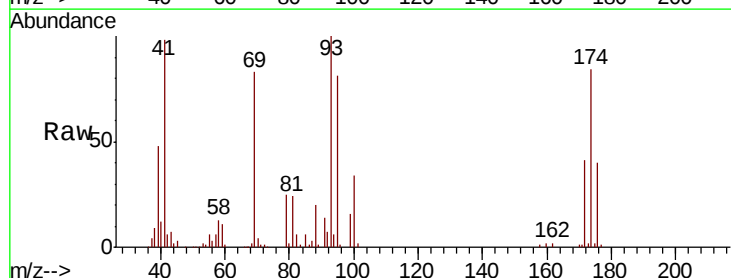
Instrument :
 MSVOA_Y
 ClientSampleId :

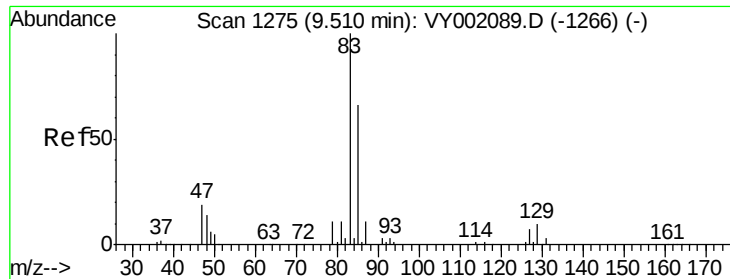
Tot Ion: 63 Resp: 106468
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.6



#46
 Dibromomethane
 Concen: 53.289 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion: 93 Resp: 55186
 Ion Ratio Lower Upper
 93 100
 95 80.8 66.0 99.0
 174 88.8 69.8 104.8

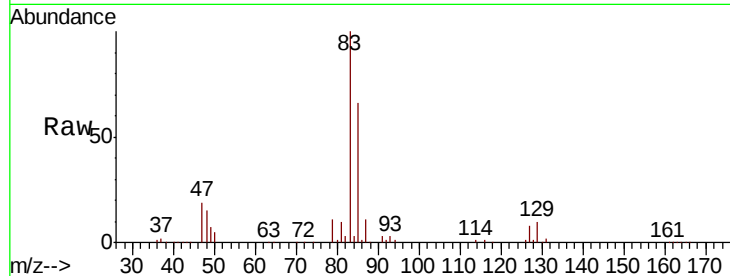




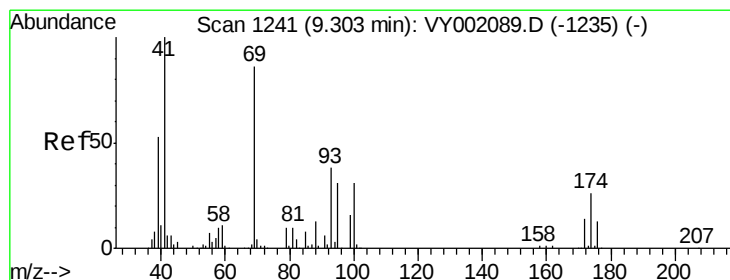
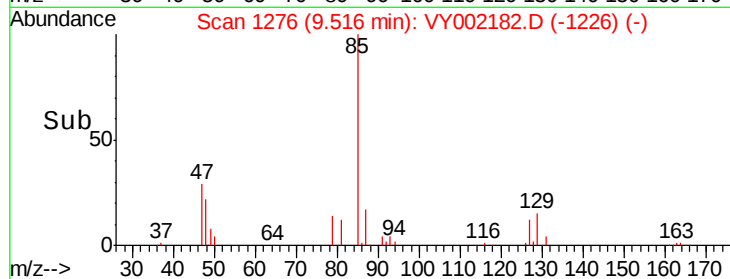
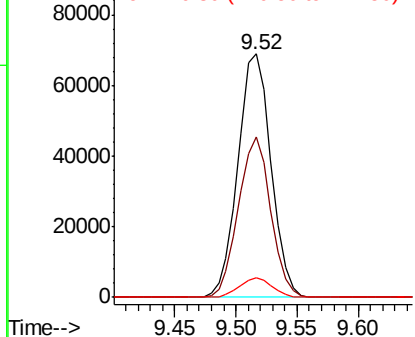
#47
Bromodichloromethane
Concen: 53.498 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 128973
Ion Ratio Lower Upper
83 100
85 65.7 52.6 79.0
127 8.0 5.9 8.9

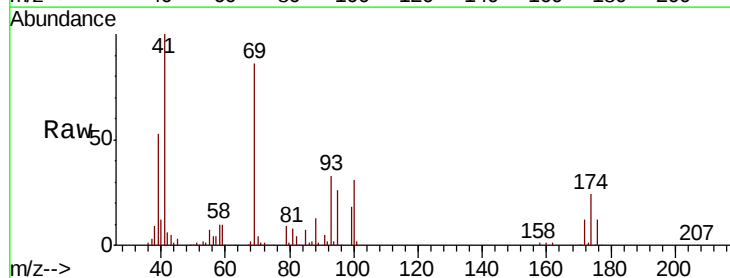


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

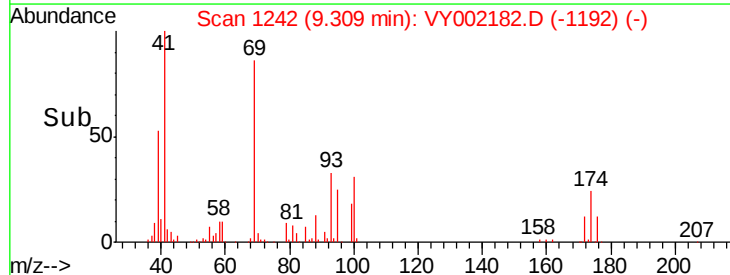
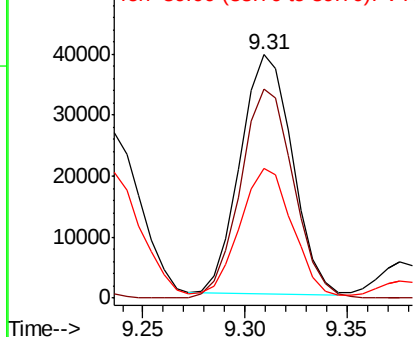


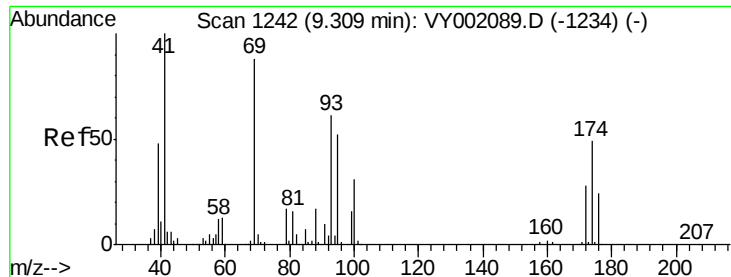
#48
Methyl methacrylate
Concen: 51.977 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion: 41 Resp: 69849
Ion Ratio Lower Upper
41 100
69 89.0 71.4 107.0
39 53.1 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

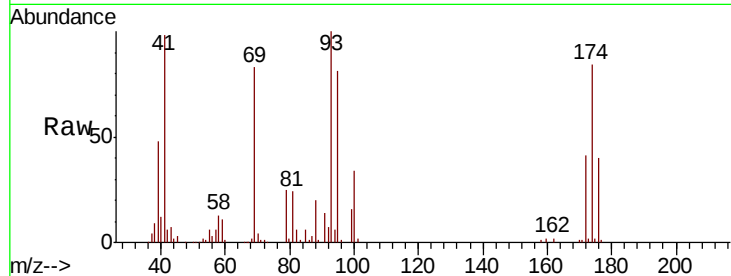




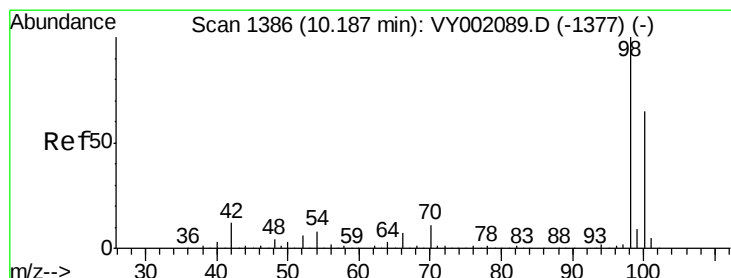
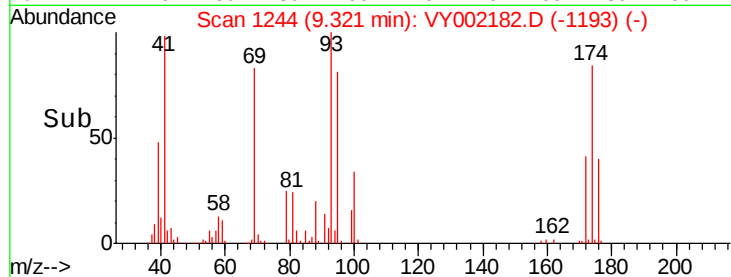
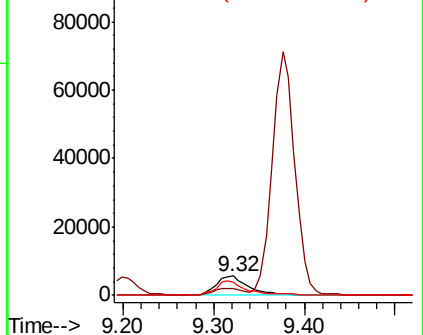
#49
1,4-Dioxane
Concen: 1001.700 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 14235
Ion Ratio Lower Upper
88 100
43 31.0 27.2 40.8
58 72.1 59.8 89.8

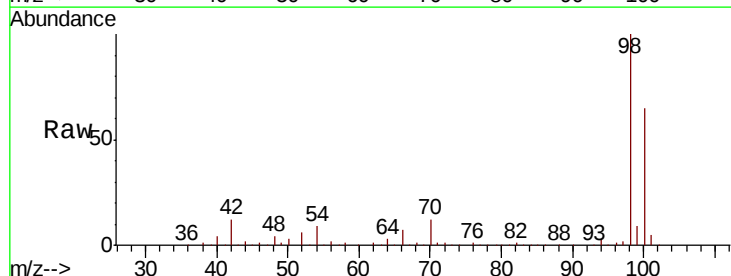


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

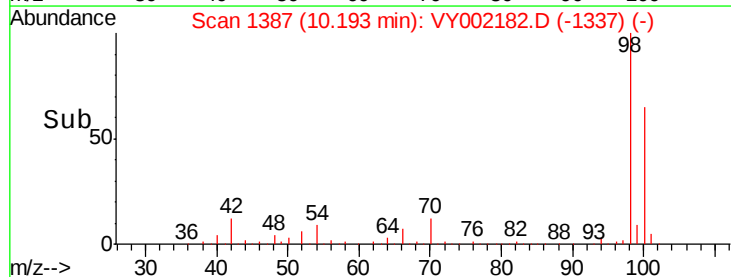
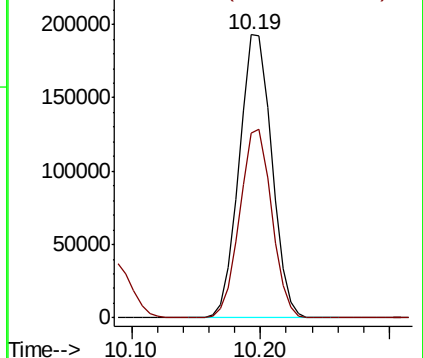


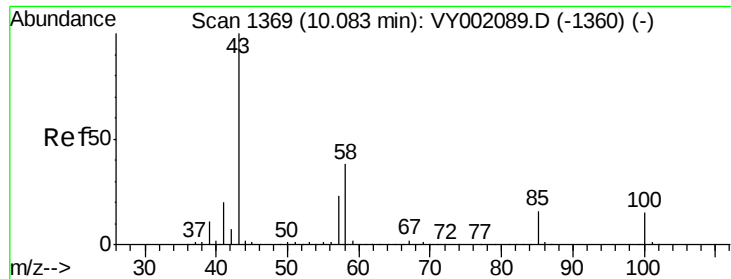
#50
Toluene-d8
Concen: 51.404 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion: 98 Resp: 338215
Ion Ratio Lower Upper
98 100
100 65.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

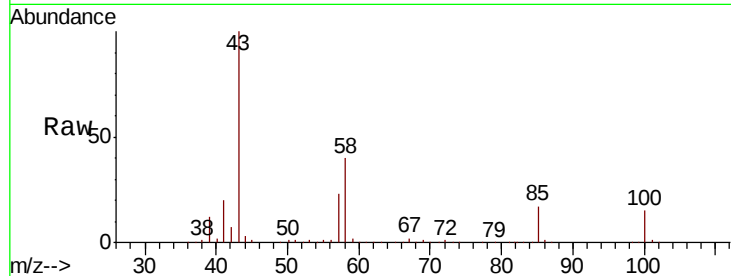




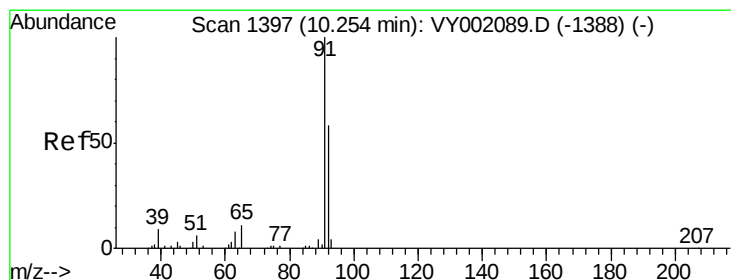
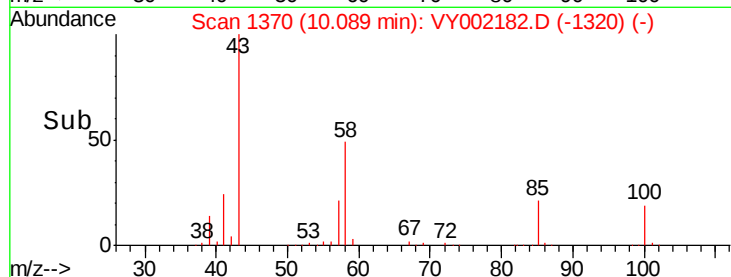
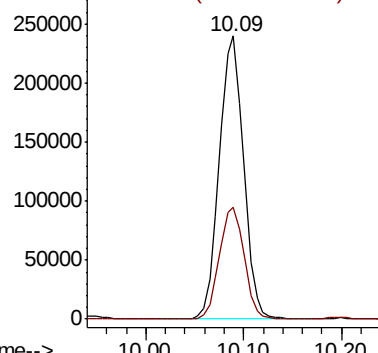
#51
4-Methyl-2-Pentanone
Concen: 268.364 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 414387
Ion Ratio Lower Upper
43 100
58 40.2 31.6 47.4

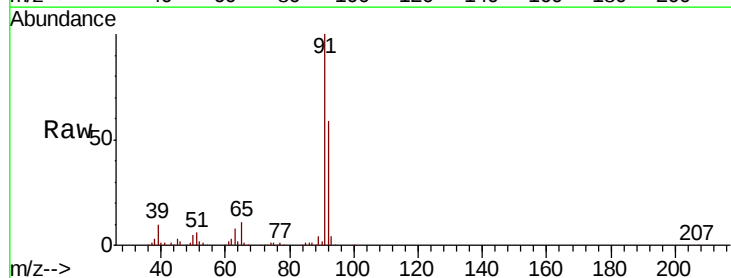


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

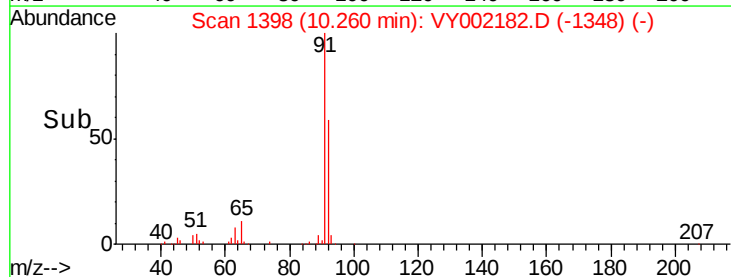
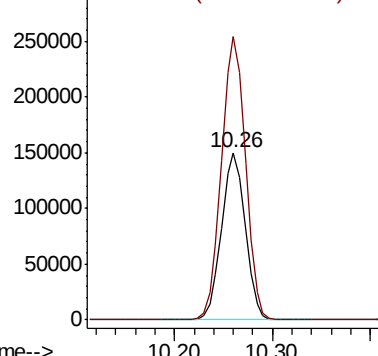


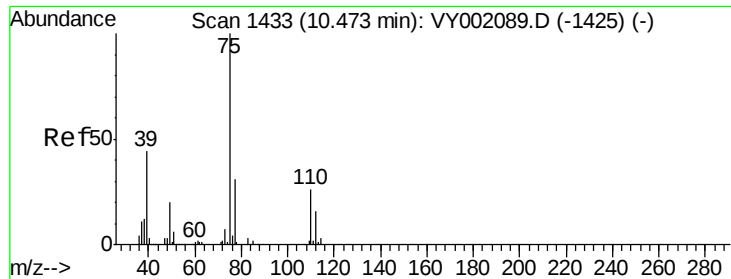
#52
Toluene
Concen: 52.795 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion: 92 Resp: 252886
Ion Ratio Lower Upper
92 100
91 171.9 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0
Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 53.443 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

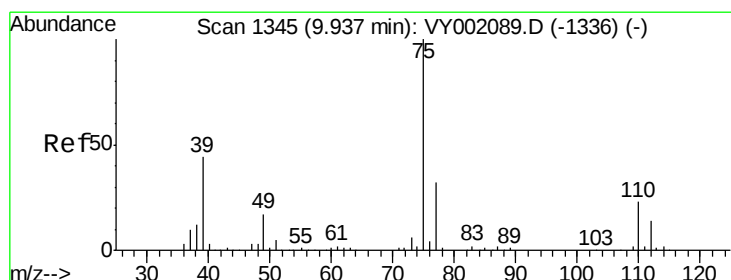
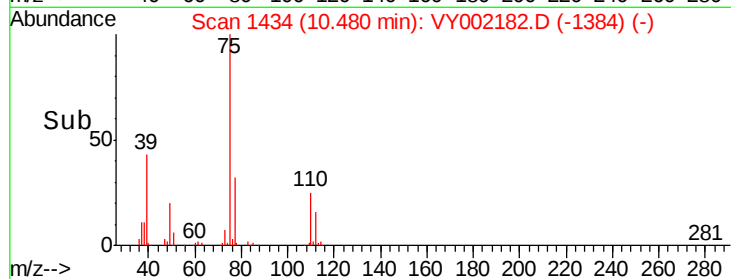
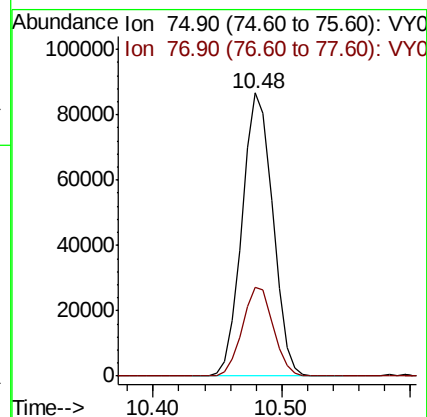
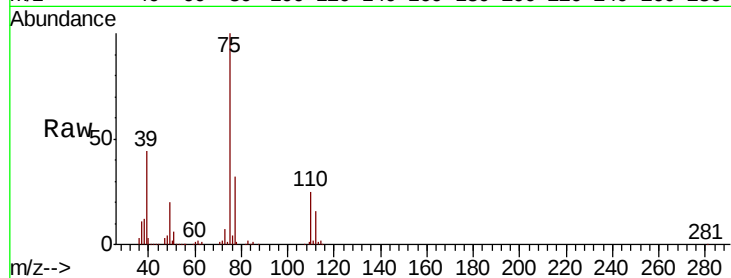
ClientSampleId :

Tot Ion: 75 Resp: 143004

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 53.824 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

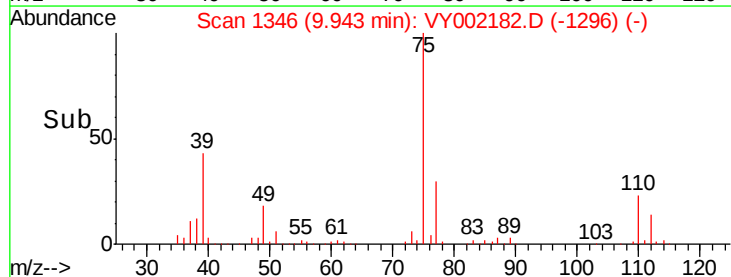
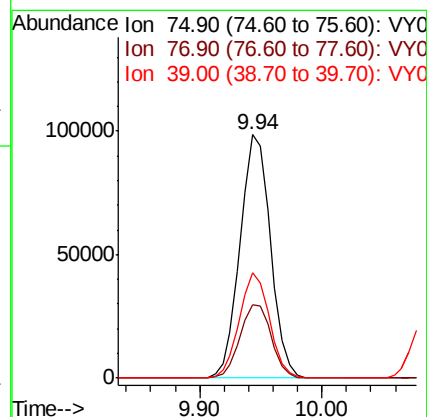
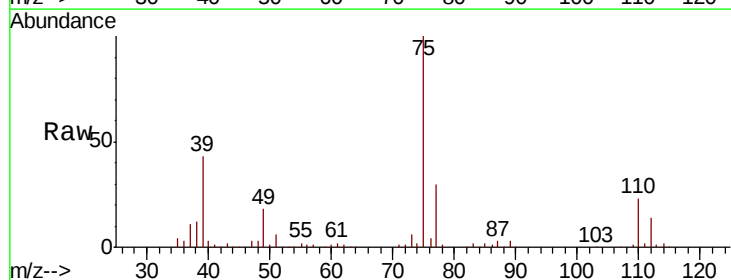
Tgt Ion: 75 Resp: 169568

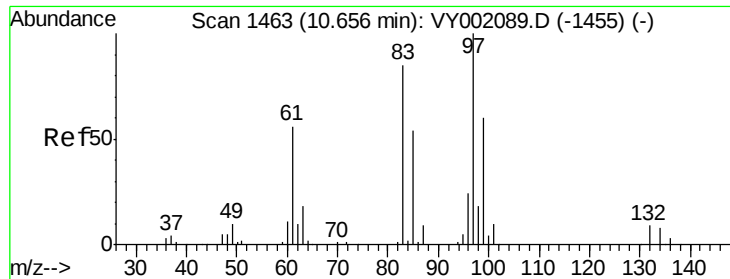
Ion Ratio Lower Upper

75 100

77 30.2 25.6 38.4

39 43.2 35.2 52.8

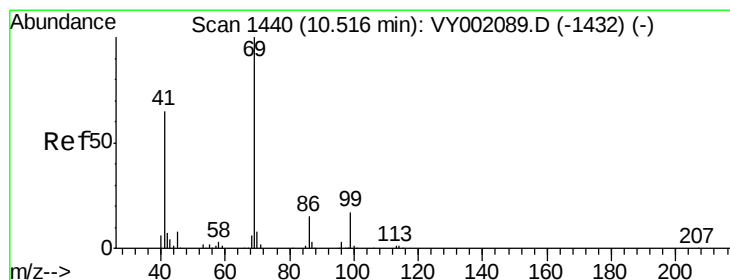
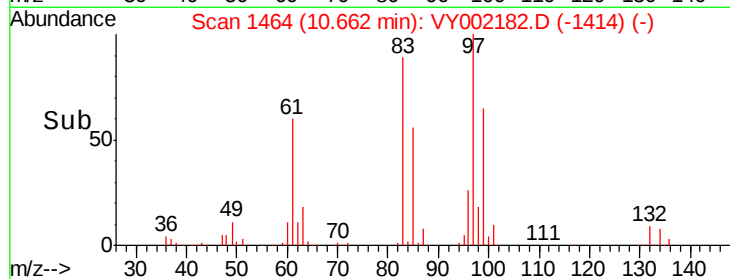
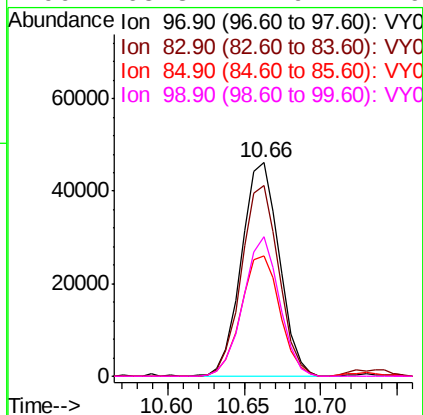
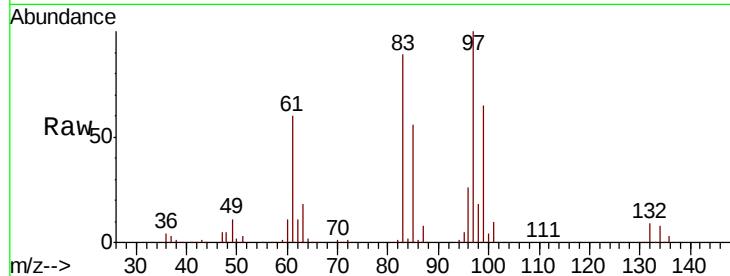




#55
 1,1,2-Trichloroethane
 Concen: 51.821 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

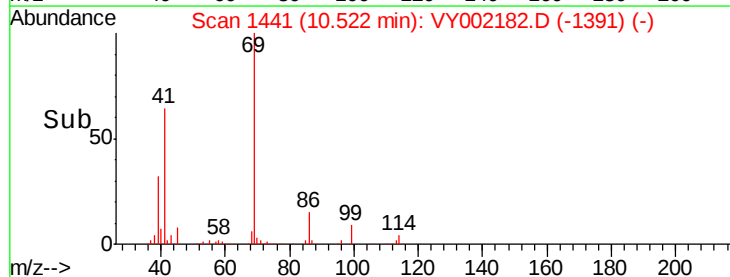
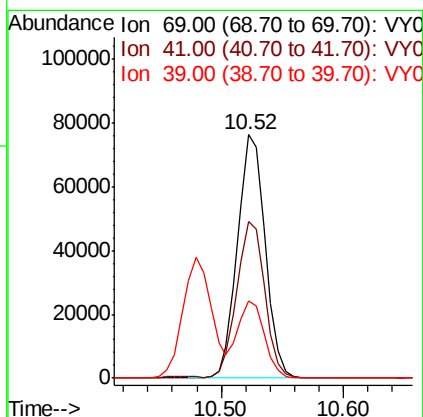
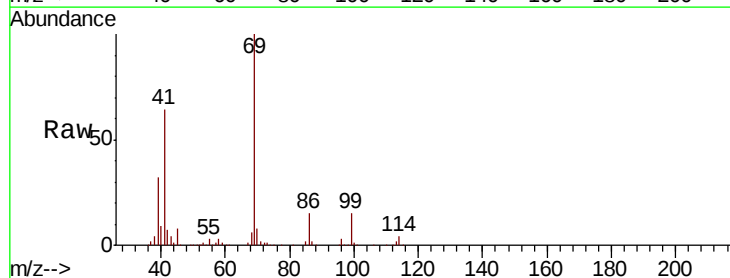
Instrument :
 MSVOA_Y
 ClientSampleId :

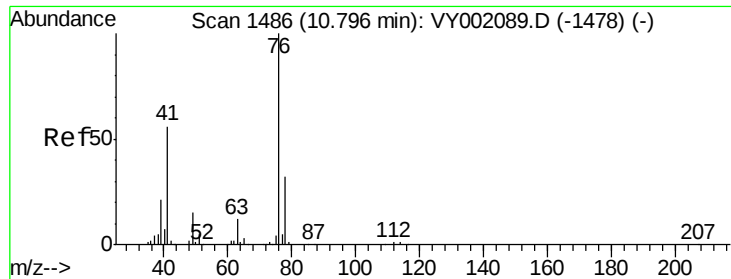
Tot Ion:	97	Resp:	79426
Ion	Ratio	Lower	Upper
97	100		
83	89.3	68.2	102.2
85	56.2	42.9	64.3
99	65.3	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 53.490 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion:	69	Resp:	119746
Ion	Ratio	Lower	Upper
69	100		
41	64.3	52.8	79.2
39	30.8	25.0	37.6

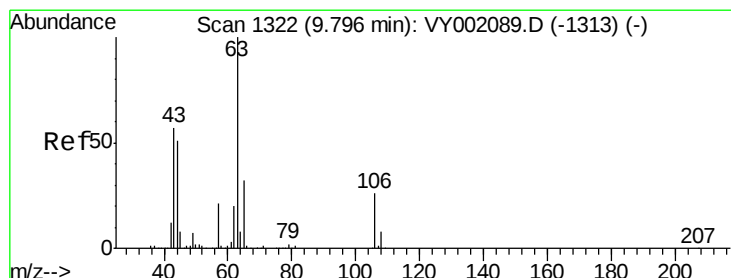
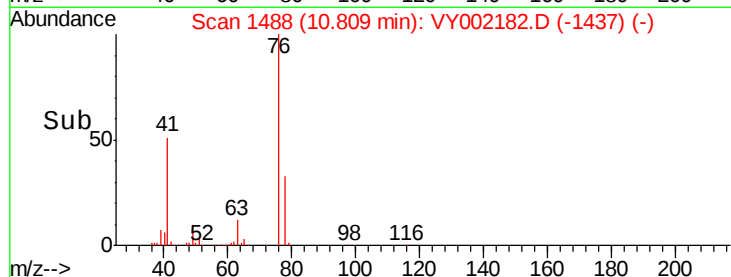
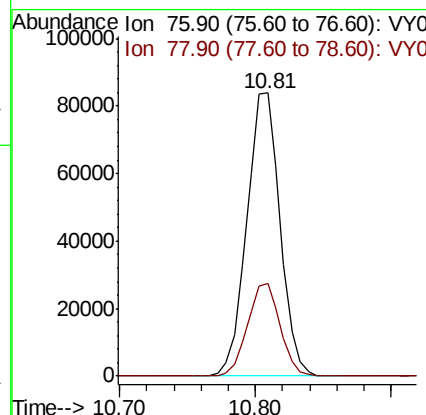
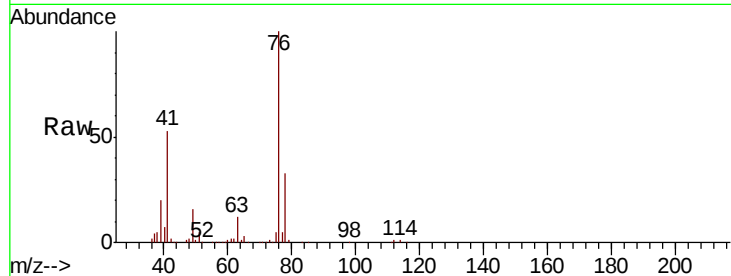




#57
 1,3-Dichloropropane
 Concen: 52.955 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

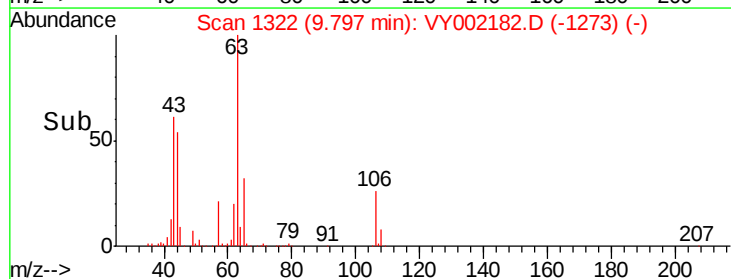
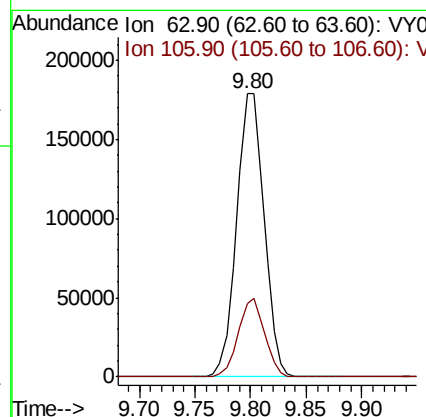
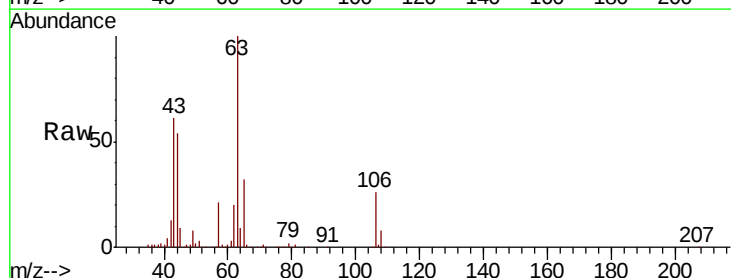
Instrument :
 MSVOA_Y
 ClientSampleId :

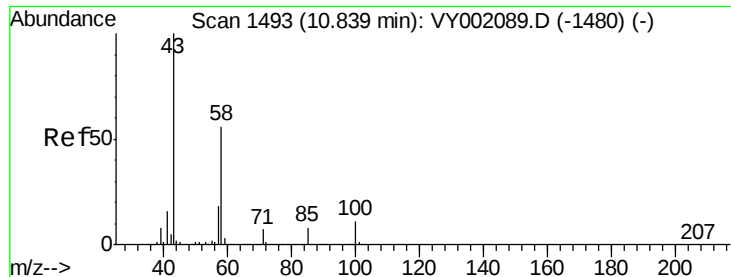
Tot Ion: 76 Resp: 143404
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.185 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion: 63 Resp: 306196
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.0 31.4

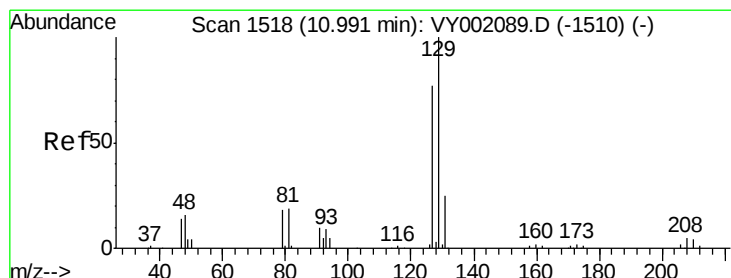
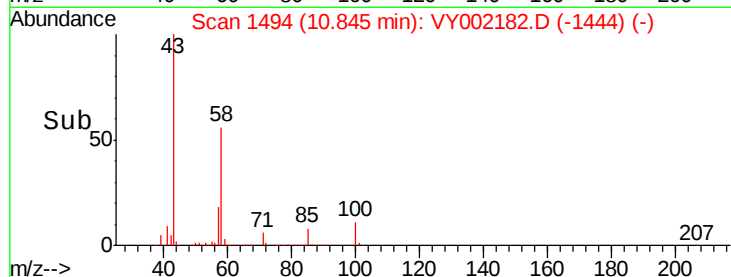
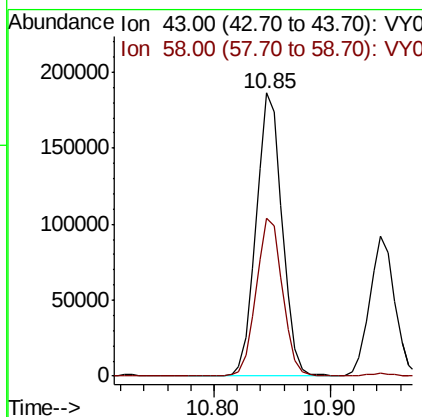
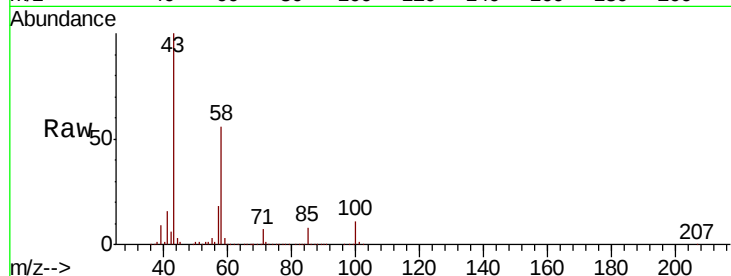




#59
2-Hexanone
Concen: 267.607 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

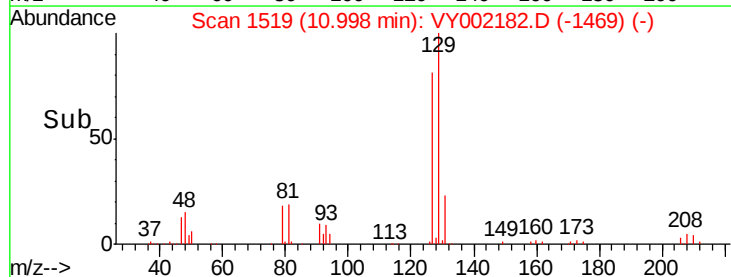
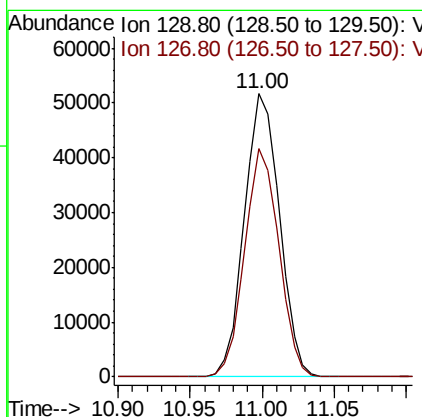
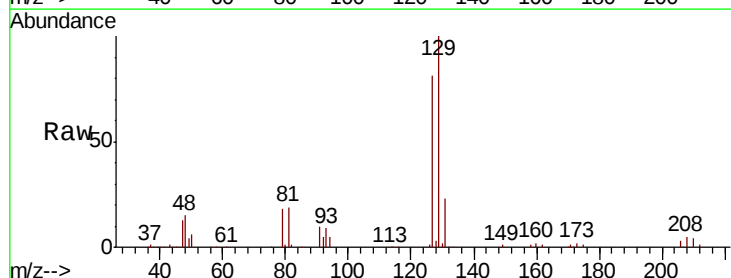
Instrument :
MSVOA_Y
ClientSampleId :

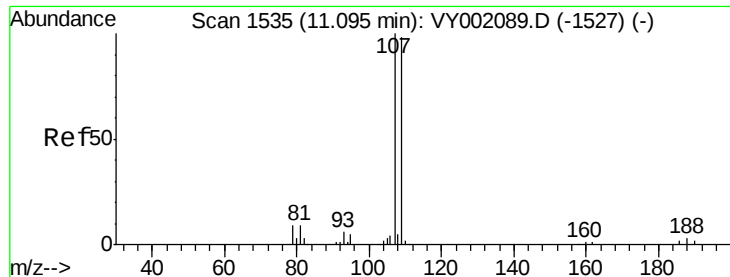
Tot Ion: 43 Resp: 291078
Ion Ratio Lower Upper
43 100
58 56.4 27.9 83.6



#60
Dibromochloromethane
Concen: 54.477 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion: 129 Resp: 87373
Ion Ratio Lower Upper
129 100
127 78.6 38.7 116.1

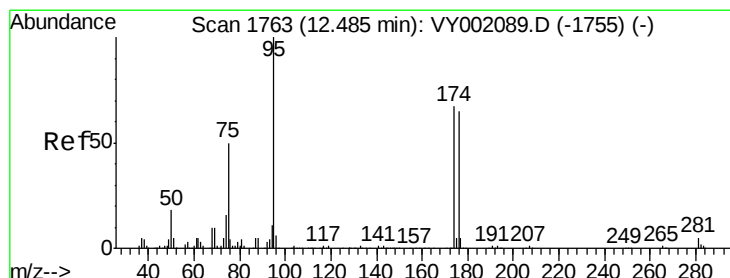
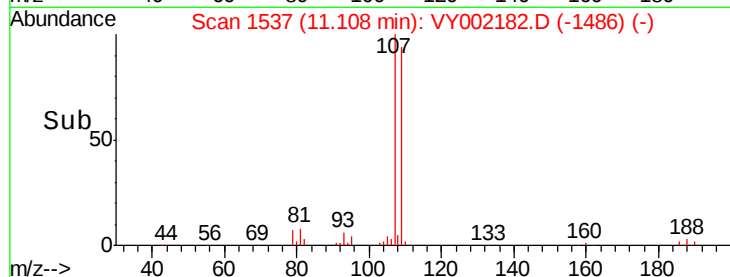
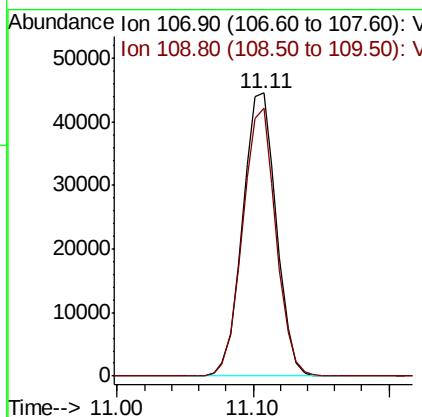
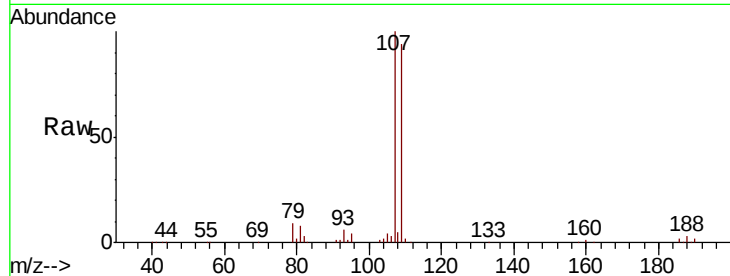




#61
 1,2-Dibromoethane
 Concen: 53.708 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

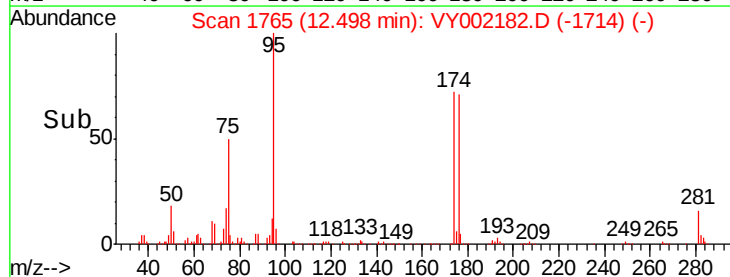
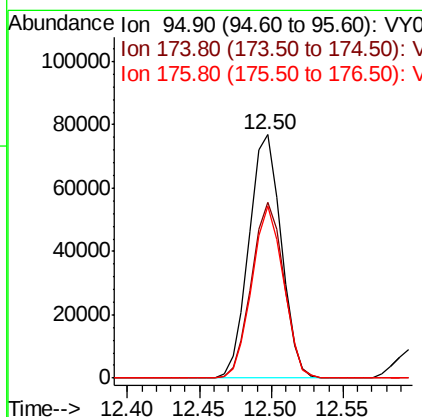
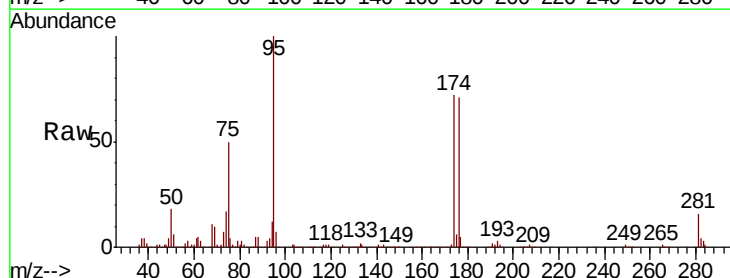
Instrument :
 MSVOA_Y
 ClientSampleId :

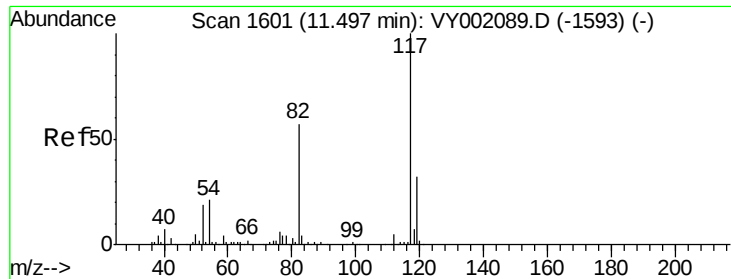
Tot Ion:107 Resp: 77049
 Ion Ratio Lower Upper
 107 100
 109 93.4 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 51.786 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion: 95 Resp: 119164
 Ion Ratio Lower Upper
 95 100
 174 71.8 0.0 143.4
 176 69.2 0.0 137.0

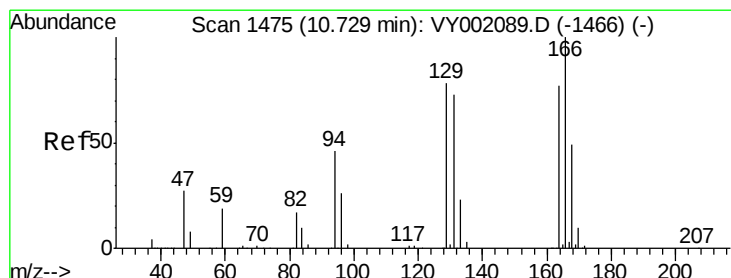
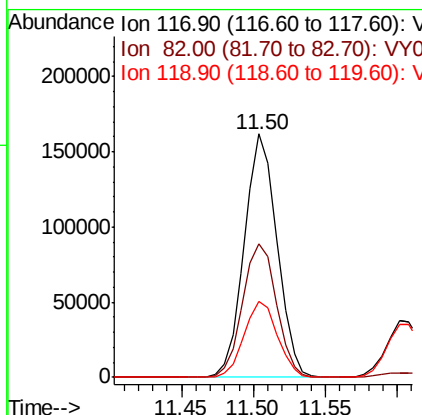
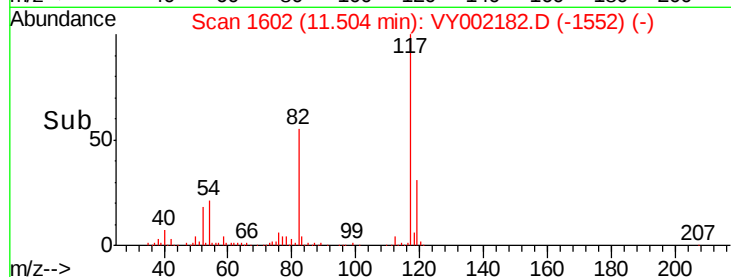
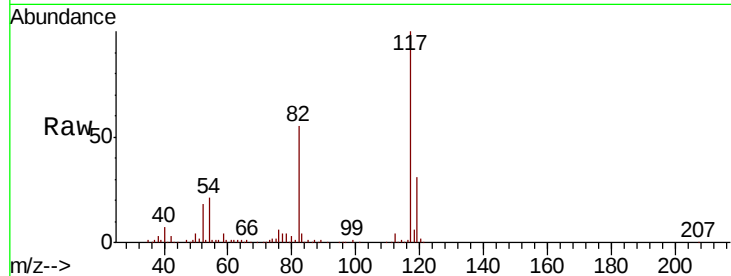




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

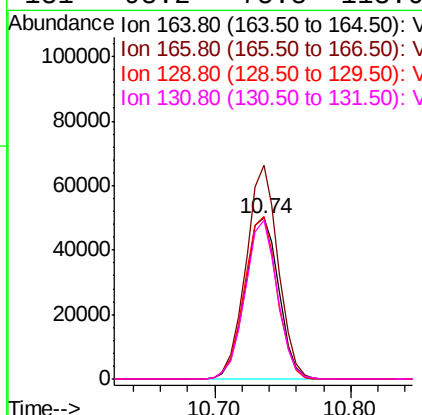
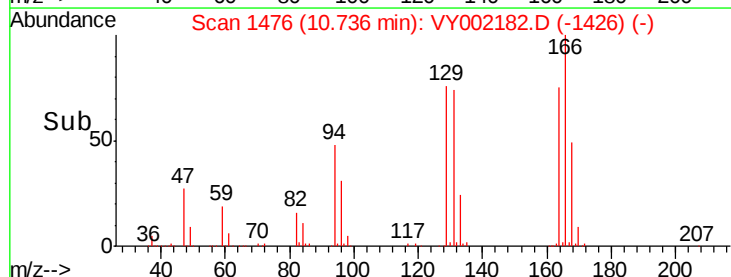
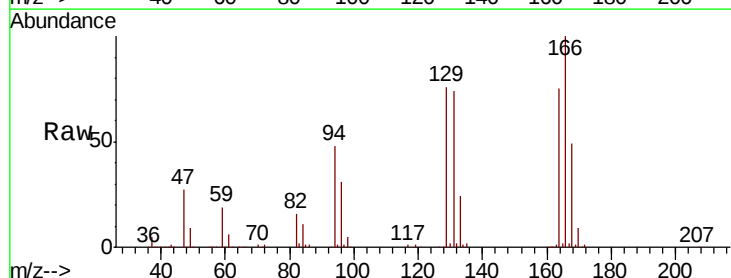
Instrument :
MSVOA_Y
ClientSampleId :

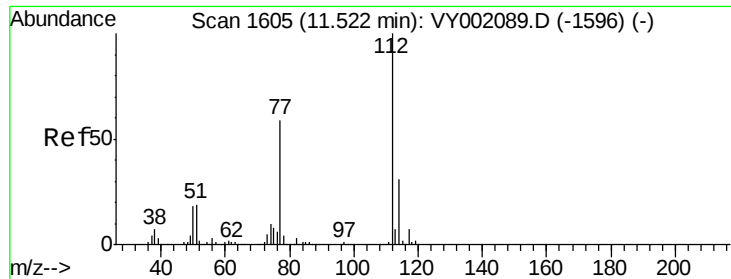
Tot Ion:117 Resp: 253649
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.2
119 31.1 25.3 37.9



#64
Tetrachloroethene
Concen: 55.917 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion:164 Resp: 86776
Ion Ratio Lower Upper
164 100
166 132.6 104.0 156.0
129 100.7 81.2 121.8
131 98.2 75.8 113.6

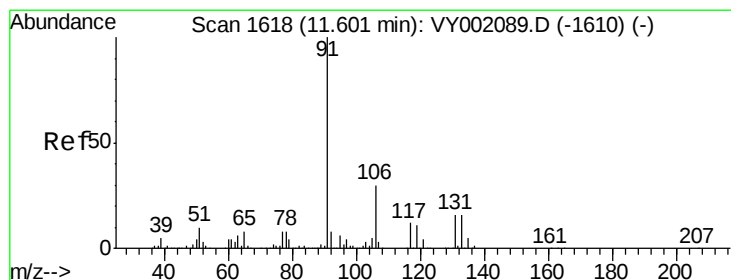
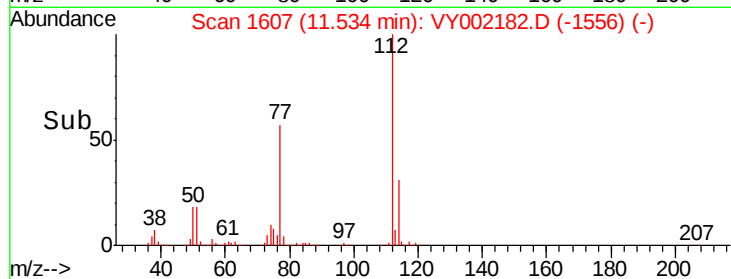
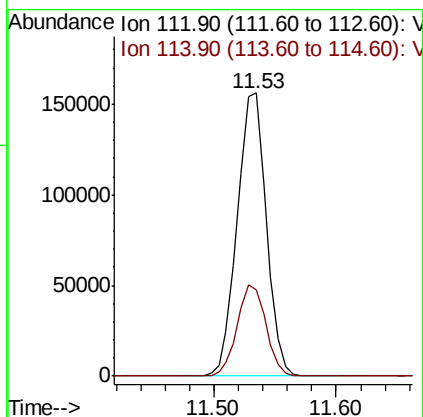
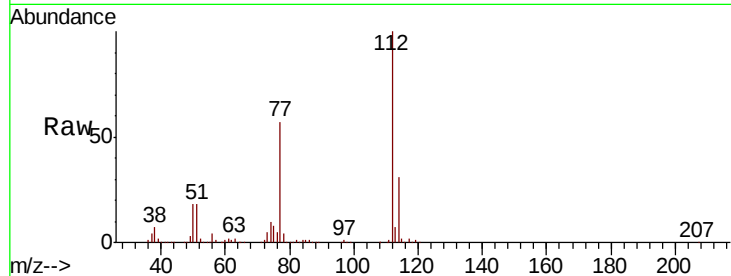




#65
Chlorobenzene
Concen: 52.432 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

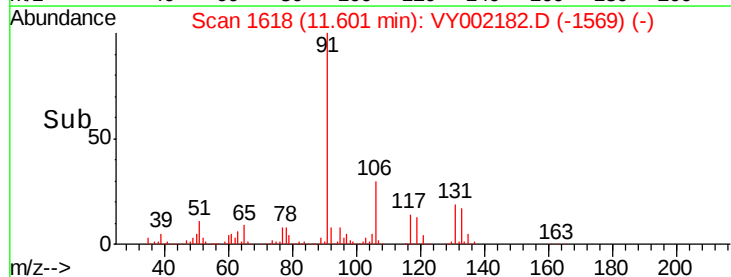
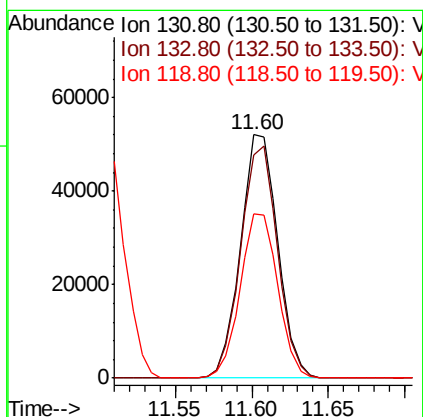
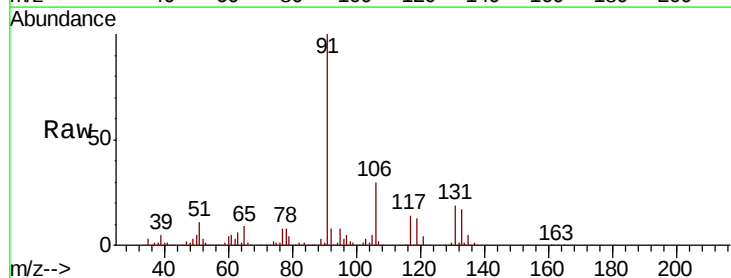
Instrument :
MSVOA_Y
ClientSampleId :

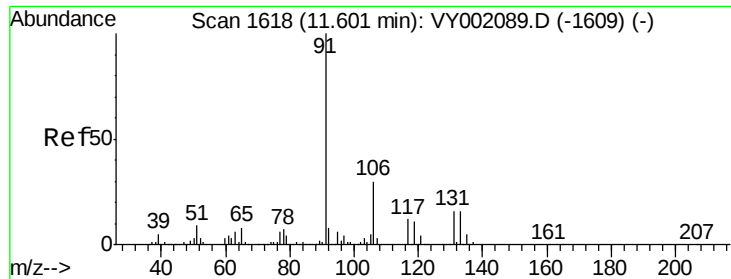
Tot Ion:112 Resp: 256720
Ion Ratio Lower Upper
112 100
114 30.6 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.867 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion:131 Resp: 88237
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.5
119 67.9 34.6 103.9

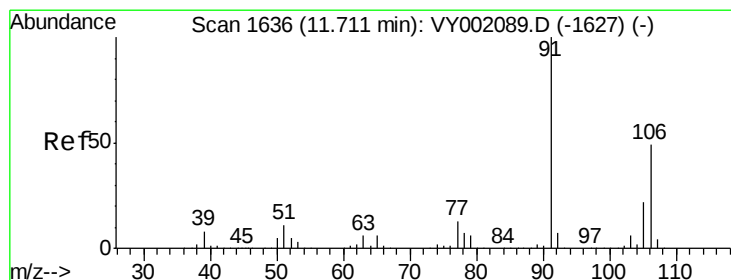
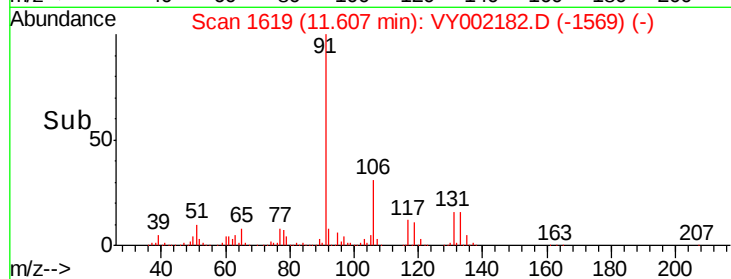
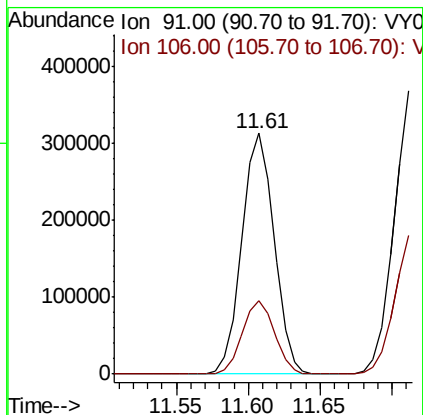
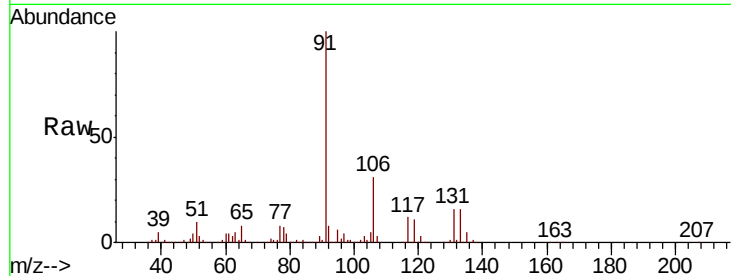




#67
Ethyl Benzene
Concen: 53.448 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

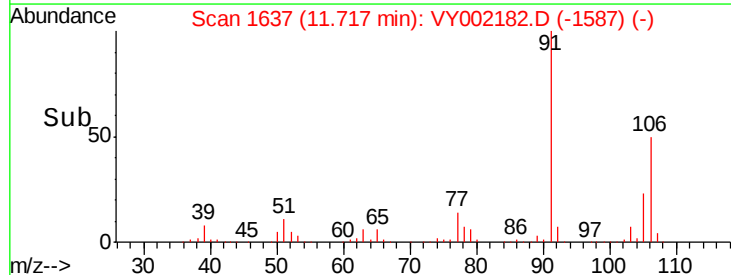
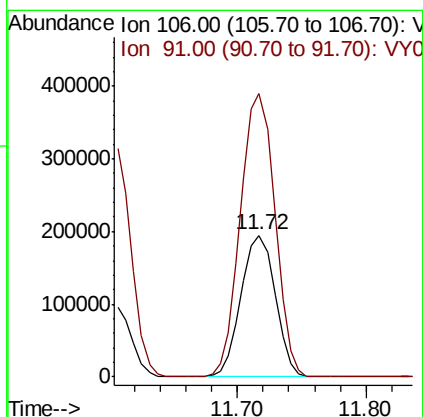
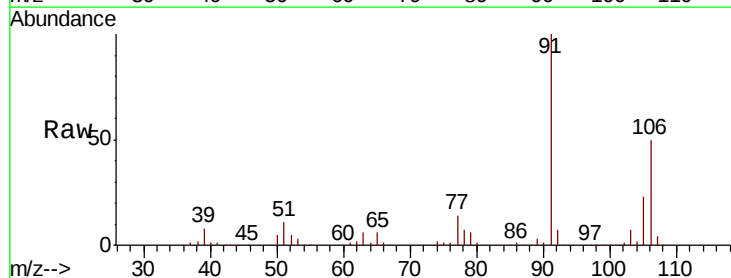
Instrument :
MSVOA_Y
ClientSampleId :

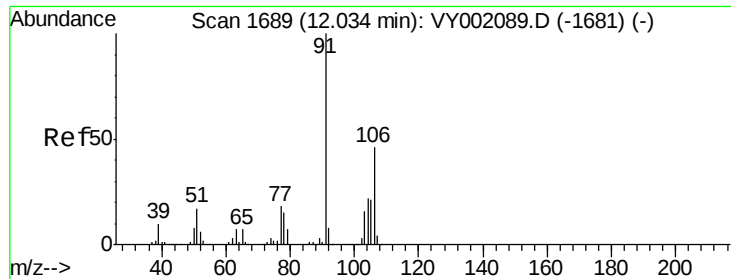
Tot Ion: 91 Resp: 486038
Ion Ratio Lower Upper
91 100
106 30.6 24.1 36.1



#68
m/p-Xylenes
Concen: 107.069 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion: 106 Resp: 359992
Ion Ratio Lower Upper
106 100
91 201.8 162.8 244.2

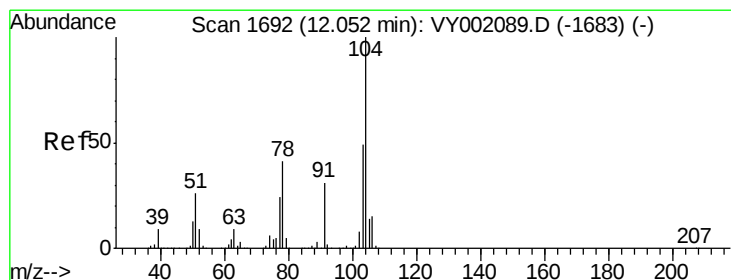
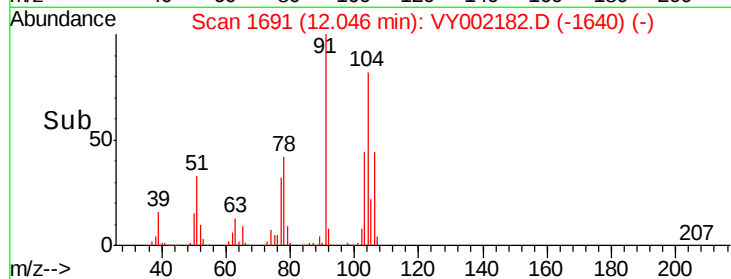
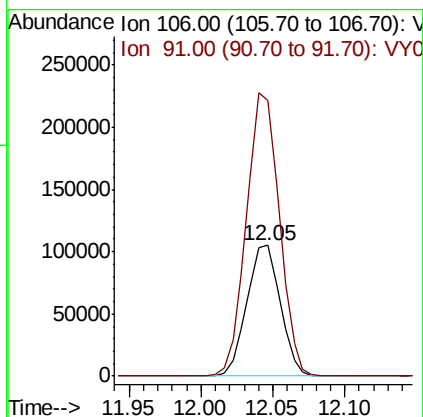
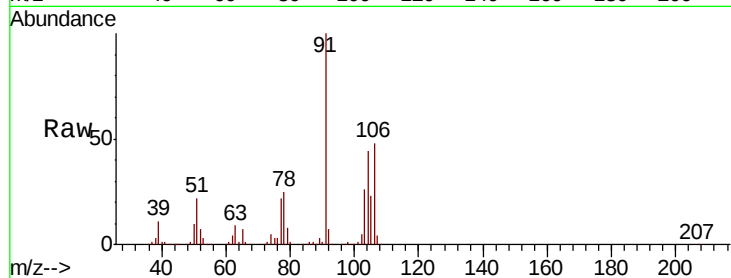




#69
o-Xylene
Concen: 52.858 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

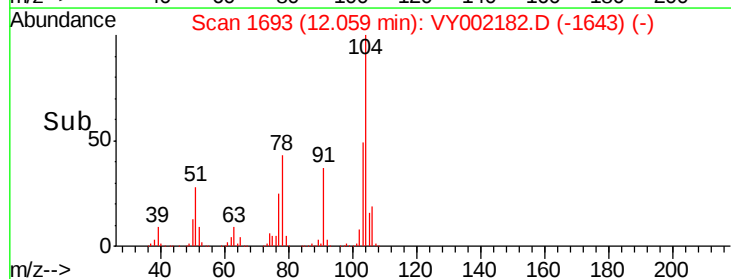
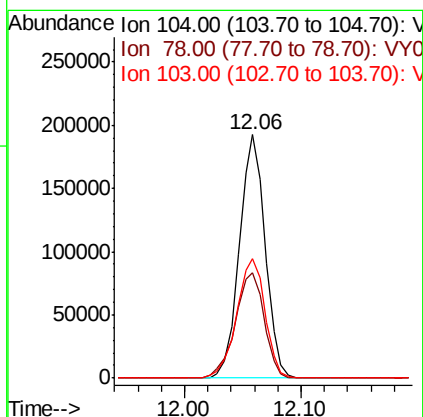
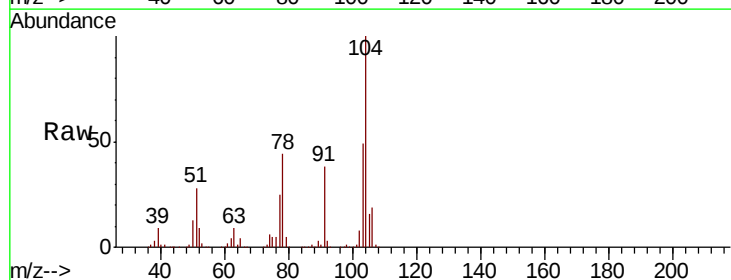
Instrument :
MSVOA_Y
ClientSampled :

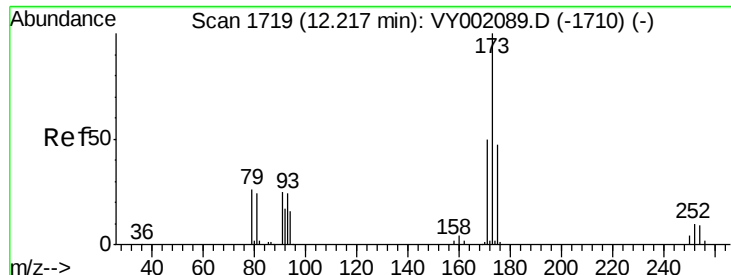
Tot Ion:106 Resp: 168588
Ion Ratio Lower Upper
106 100
91 214.0 107.3 321.8



#70
Styrene
Concen: 53.608 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion:104 Resp: 296278
Ion Ratio Lower Upper
104 100
78 48.6 37.9 56.9
103 54.2 43.2 64.8





#71

Bromoform

Concen: 55.306 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

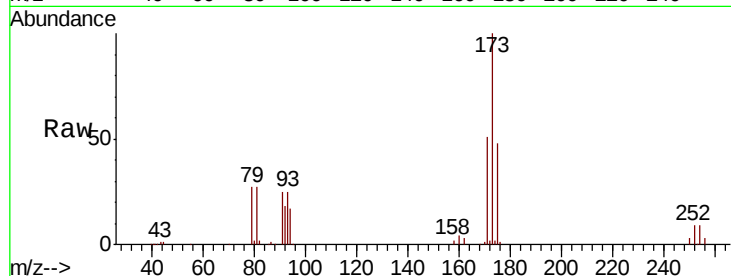
Tot Ion:173 Resp: 49619

Ion Ratio Lower Upper

173 100

175 47.8 23.9 71.8

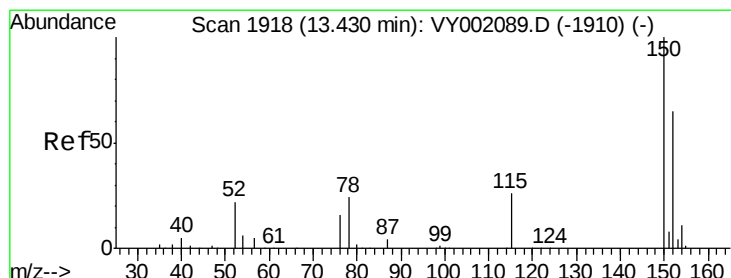
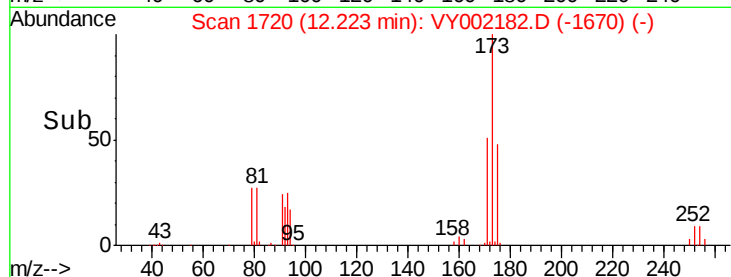
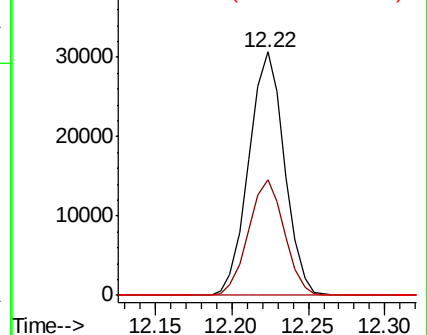
254 0.0 0.0 0.0#



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# 1920

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

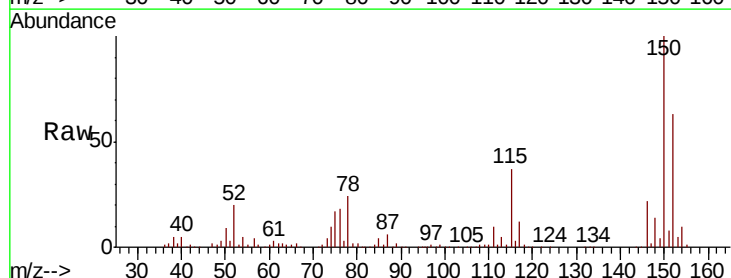
Tgt Ion:152 Resp: 116509

Ion Ratio Lower Upper

152 100

115 61.1 31.2 93.6

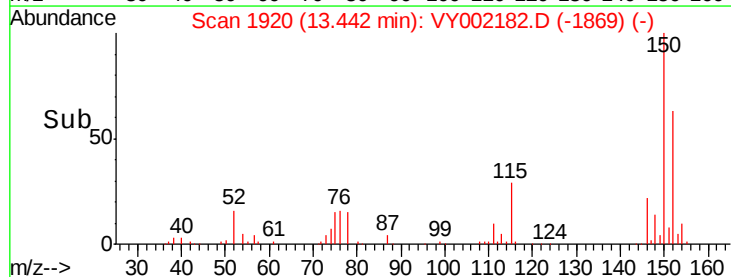
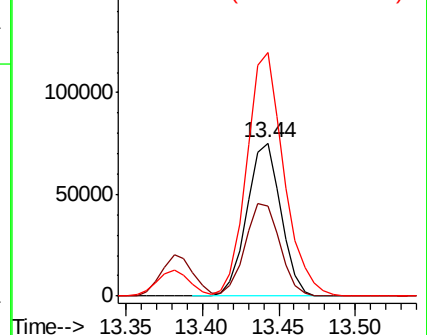
150 172.4 0.0 354.8

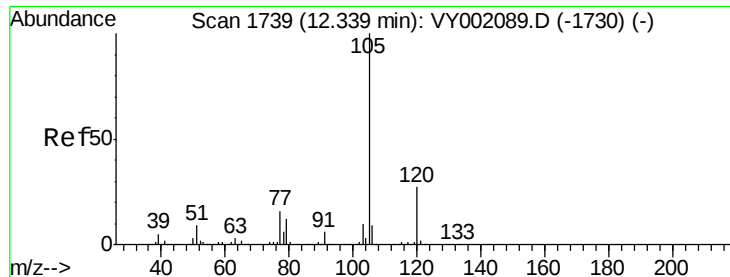


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.971 ug/l

RT: 12.35 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

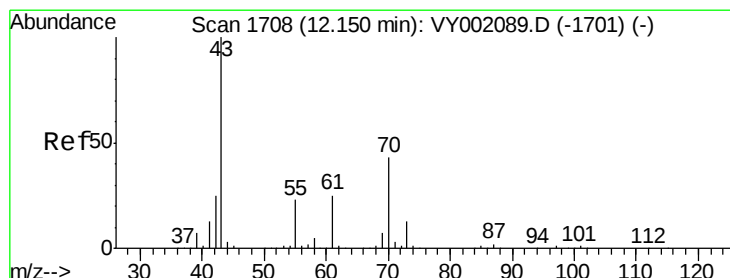
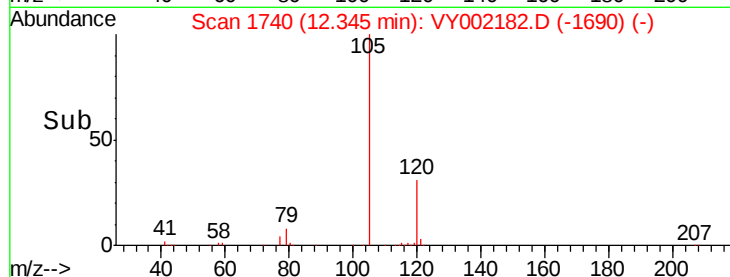
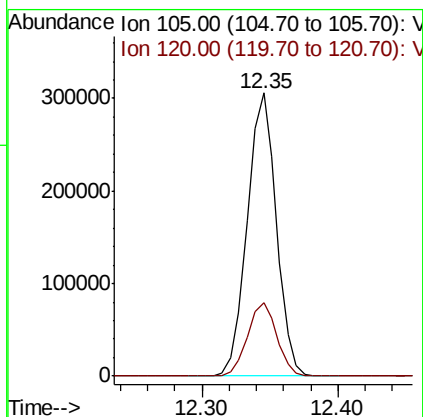
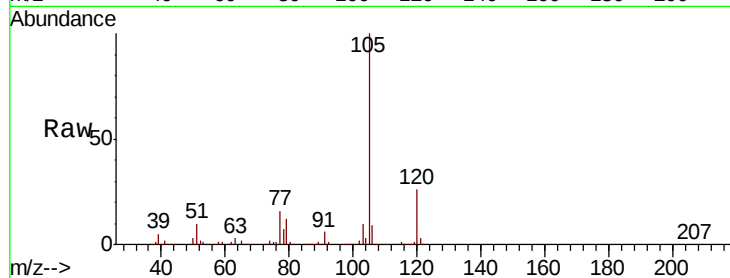
ClientSampleId :

Tot Ion:105 Resp: 457810

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8



#74

N-ethyl acetate

Concen: 52.071 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Tgt Ion: 43 Resp: 141937

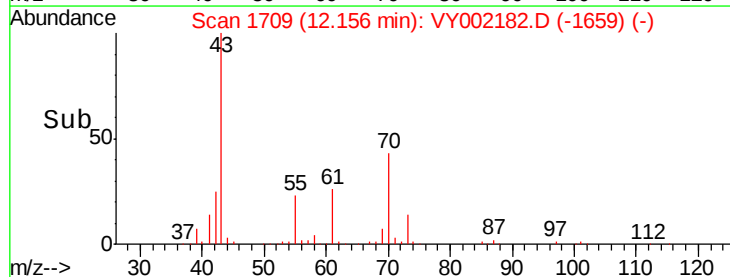
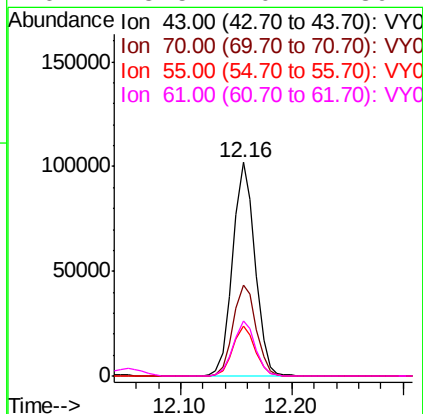
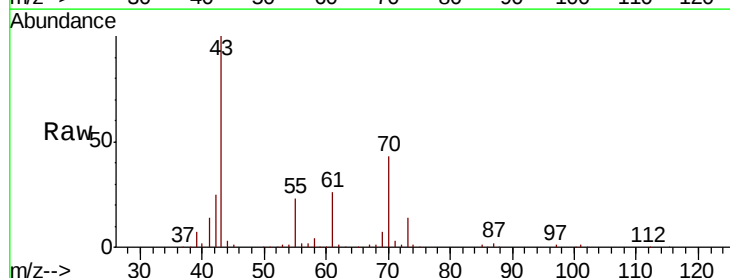
Ion Ratio Lower Upper

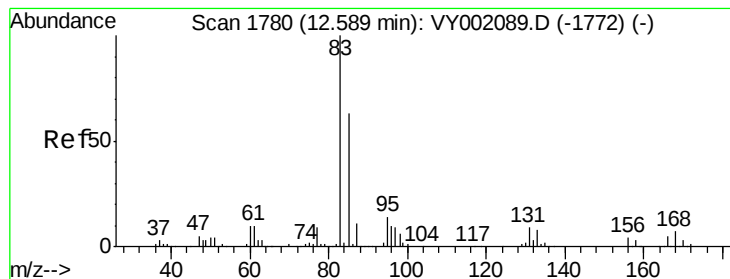
43 100

70 43.9 35.0 52.4

55 23.2 18.7 28.1

61 25.5 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.781 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

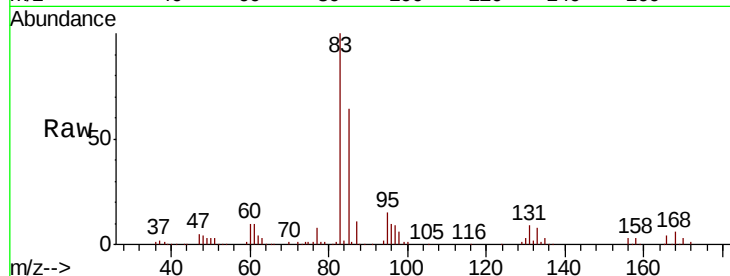
Tot Ion: 83 Resp: 98161

Ion Ratio Lower Upper

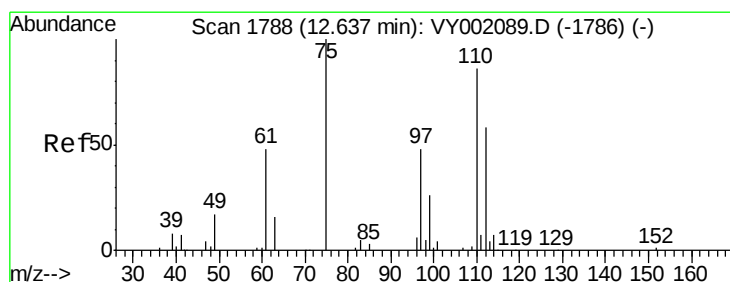
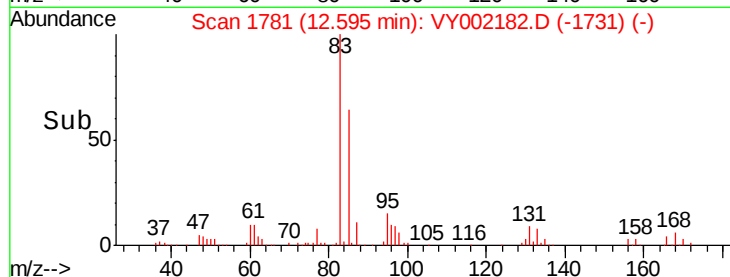
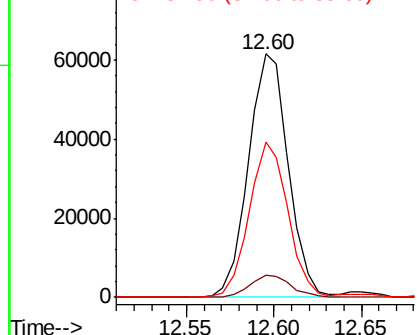
83 100

131 9.4 4.7 14.1

85 61.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 99.348 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY002182.D

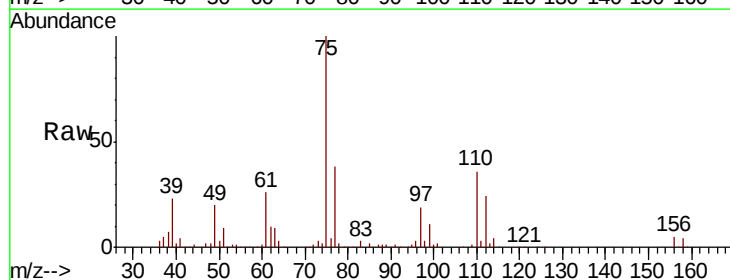
Acq: 02 Apr 2020 11:09

Tgt Ion: 75 Resp: 129476

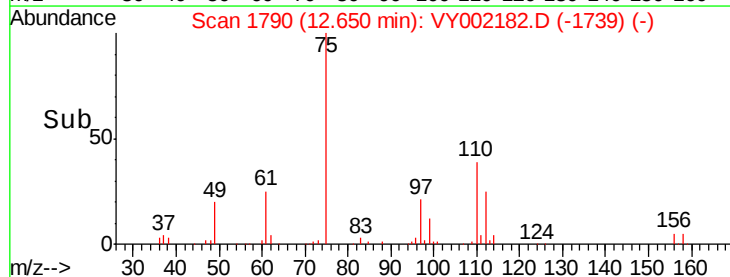
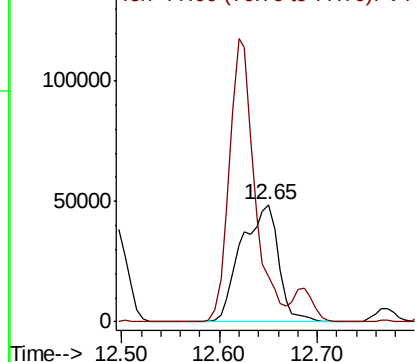
Ion Ratio Lower Upper

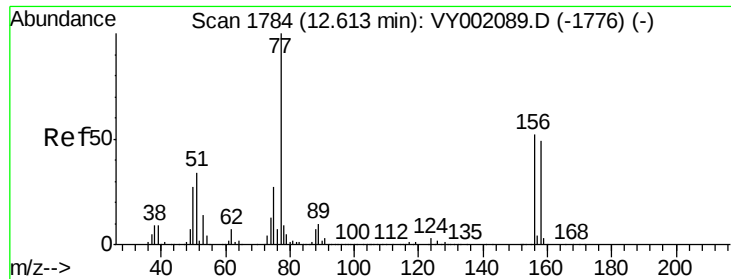
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 53.399 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

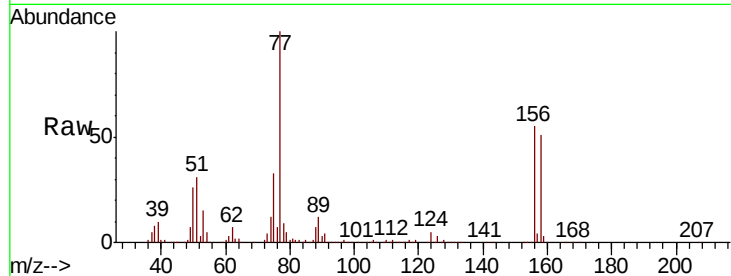
Tot Ion:156 Resp: 98519

Ion Ratio Lower Upper

156 100

77 215.1 107.8 323.6

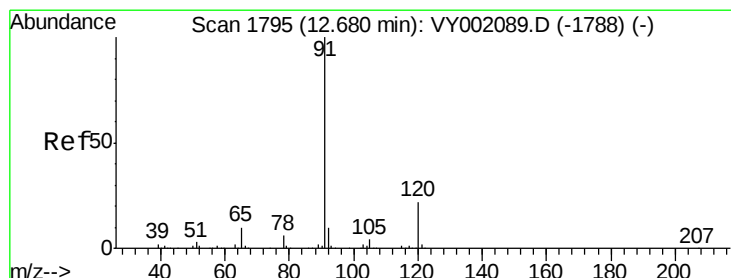
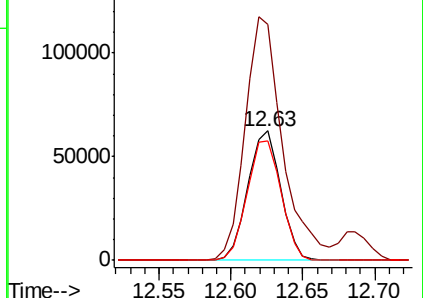
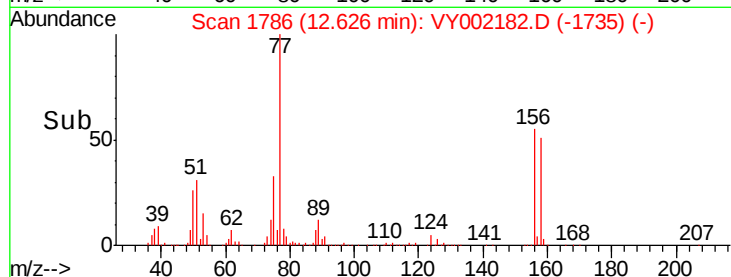
158 95.4 47.5 142.6



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: 53.028 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY002182.D

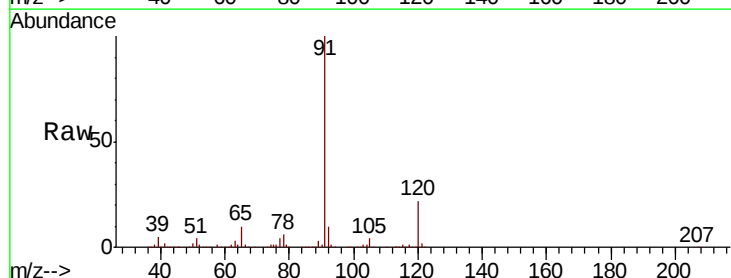
Acq: 02 Apr 2020 11:09

Tgt Ion: 91 Resp: 568741

Ion Ratio Lower Upper

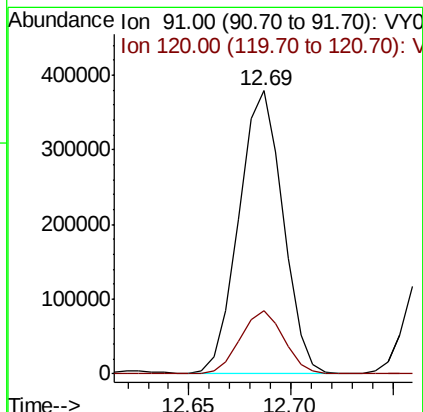
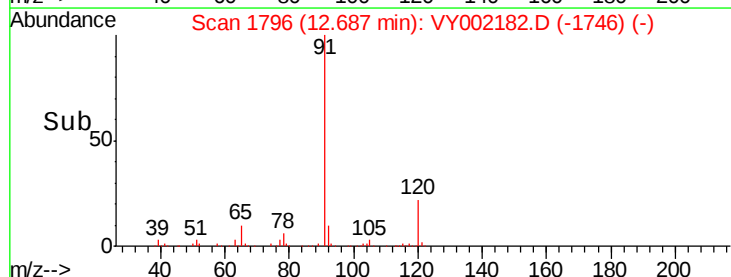
91 100

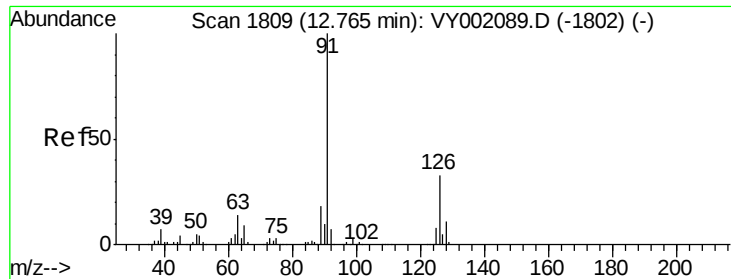
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

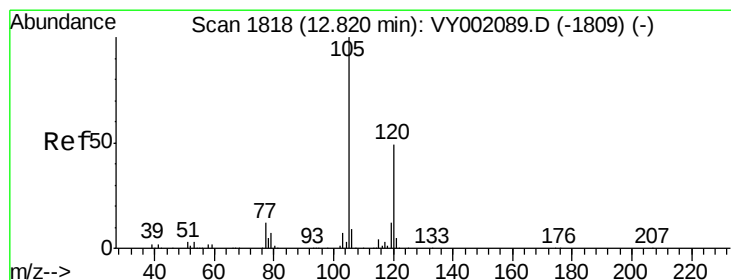
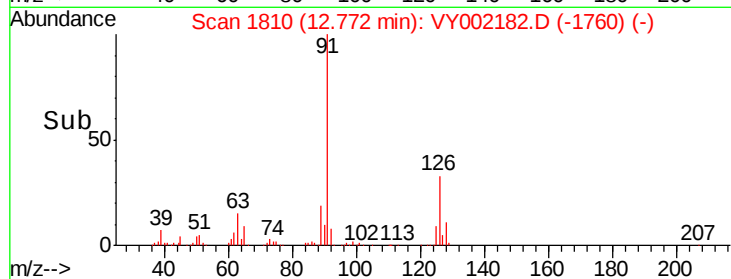
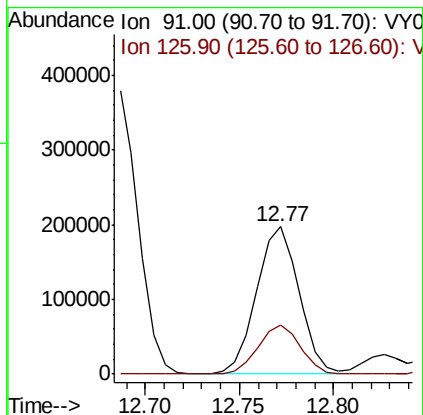
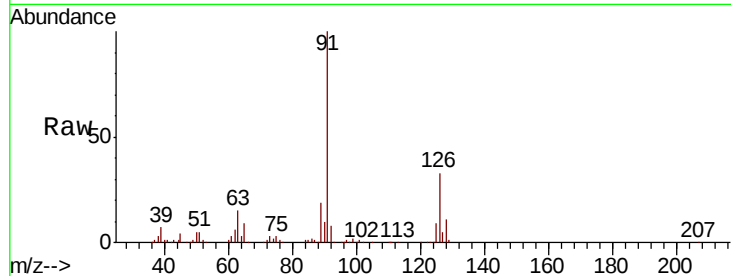




#79
 2-Chlorotoluene
 Concen: 52.206 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

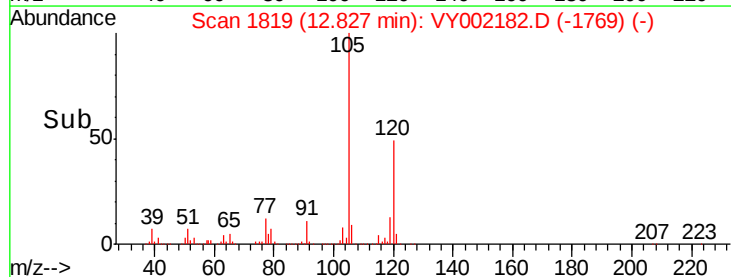
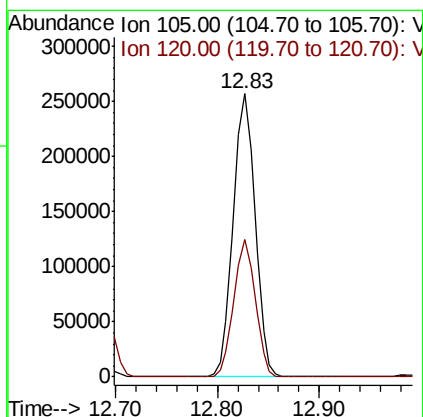
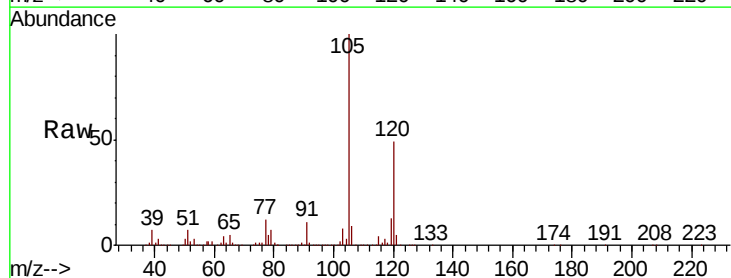
Instrument :
 MSVOA_Y
 ClientSampleId :

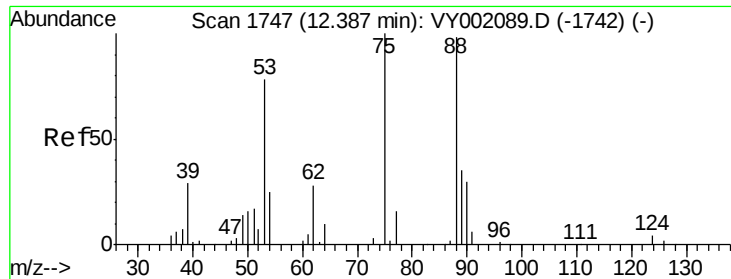
Tot Ion: 91 Resp: 307435
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 53.415 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion: 105 Resp: 380877
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 54.529 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

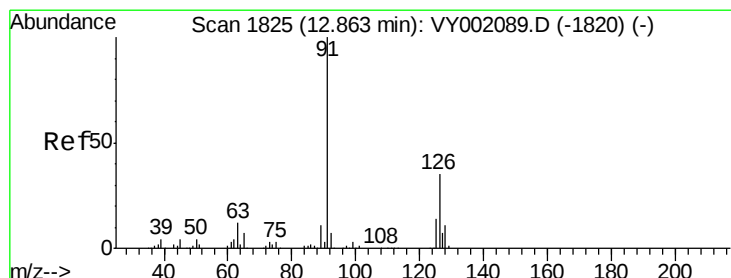
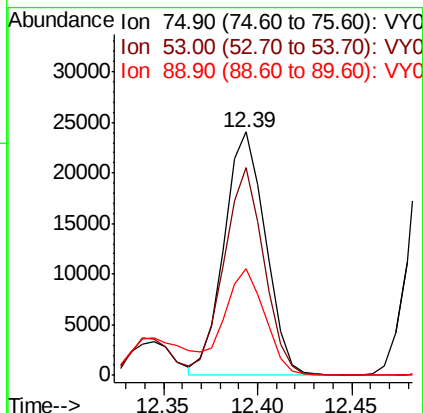
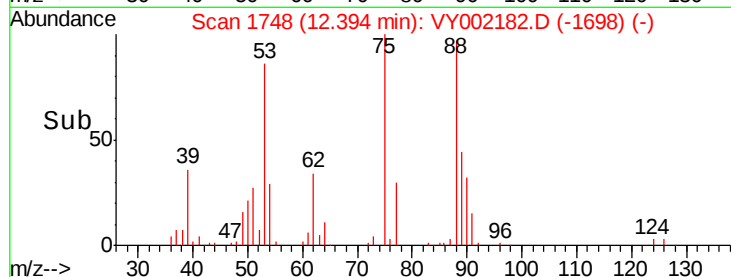
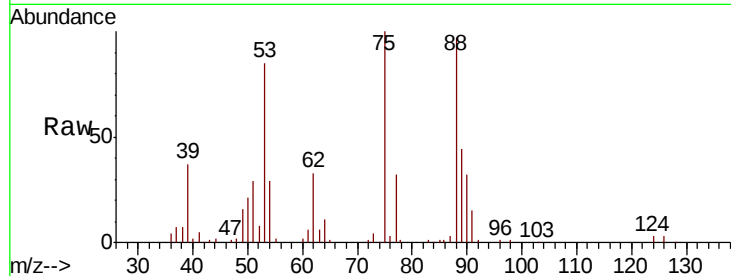
Tot Ion: 75 Resp: 36682

Ion Ratio Lower Upper

75 100

53 82.8 65.0 97.4

89 42.7 33.4 50.0



#82

4-Chlorotoluene

Concen: 52.853 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY002182.D

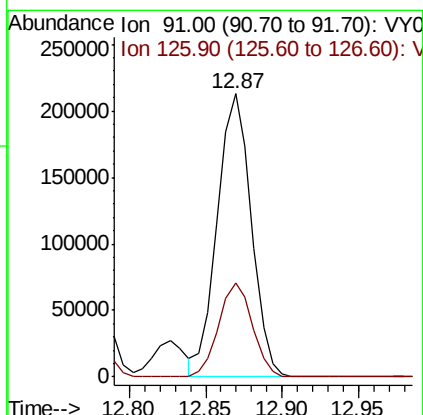
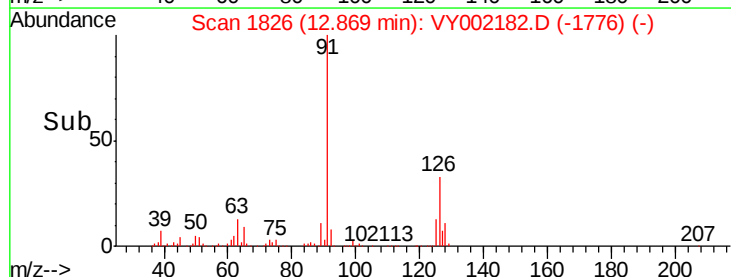
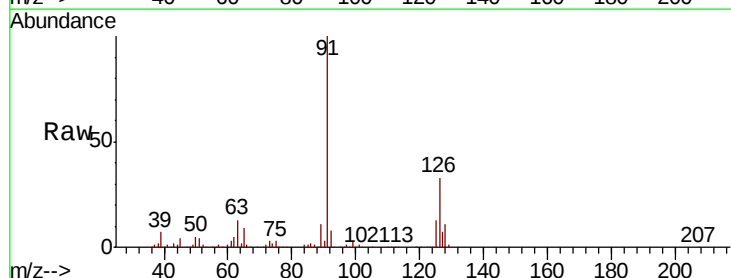
Acq: 02 Apr 2020 11:09

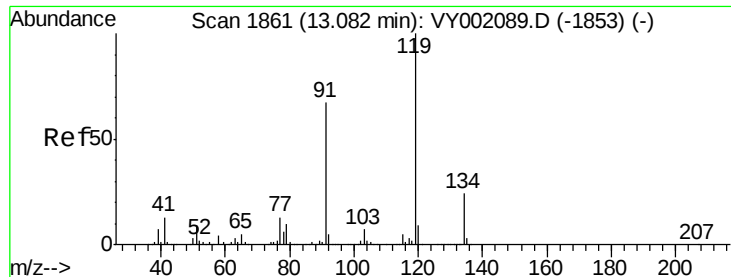
Tgt Ion: 91 Resp: 327976

Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.9

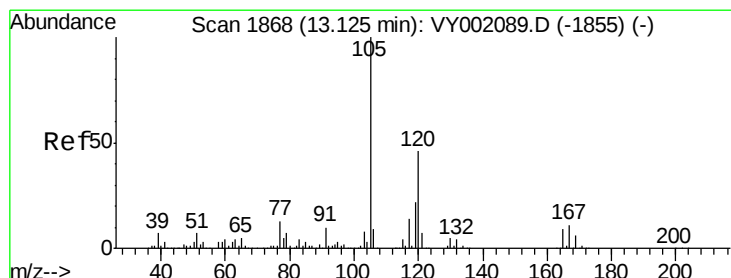
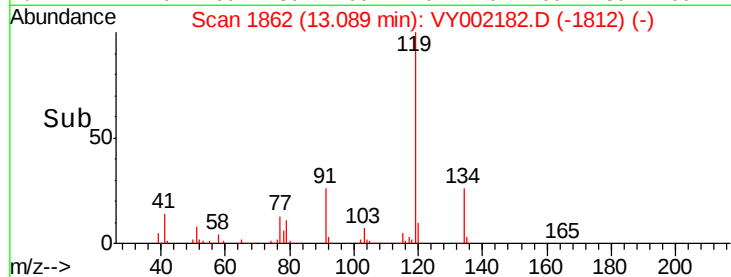
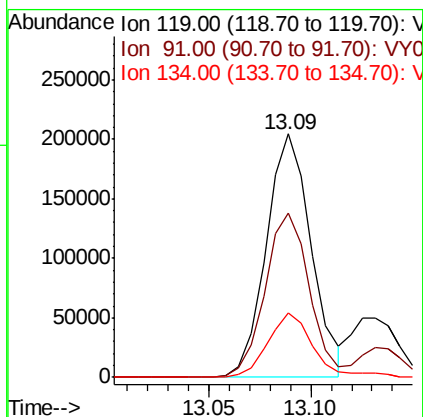
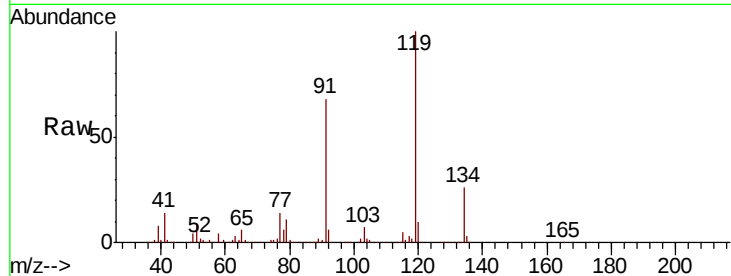




#83
tert-Butylbenzene
Concen: 52.799 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

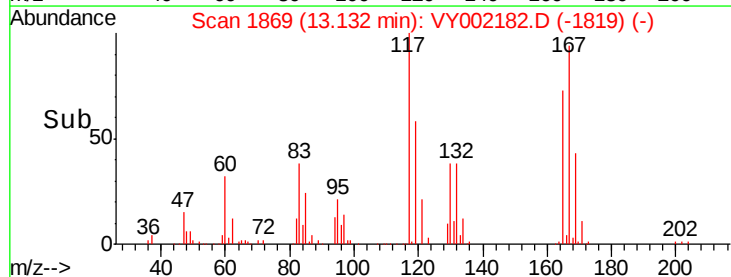
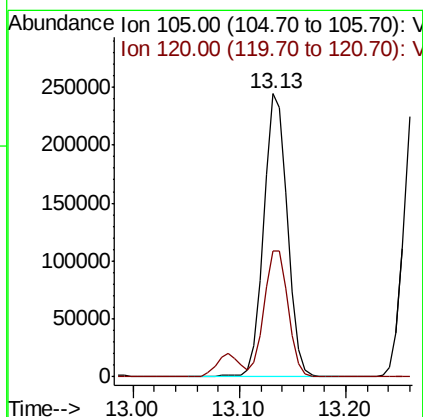
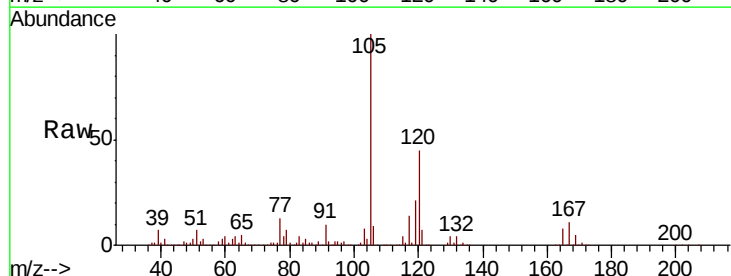
Instrument :
MSVOA_Y
ClientSampleId :

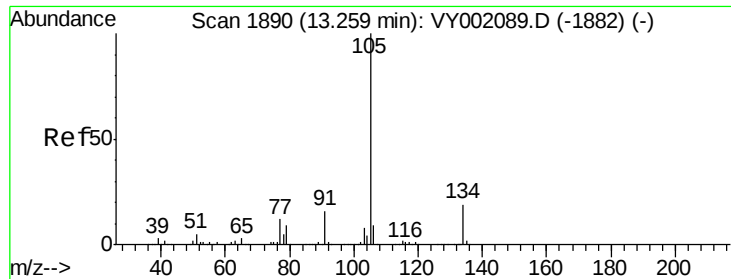
Tot Ion:119 Resp: 314260
Ion Ratio Lower Upper
119 100
91 66.4 32.9 98.6
134 26.7 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 53.304 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion:105 Resp: 379224
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.5

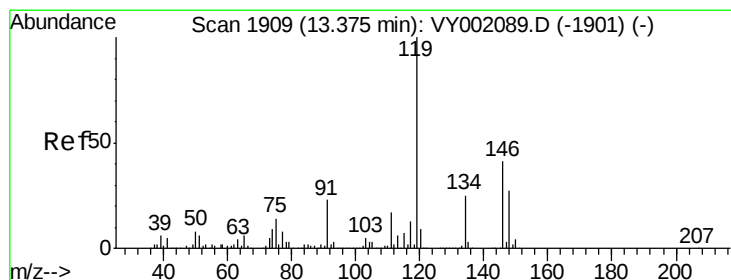
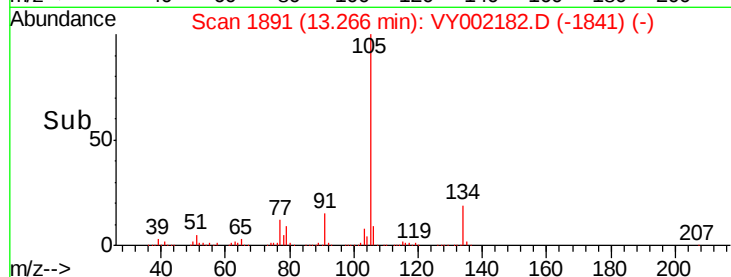
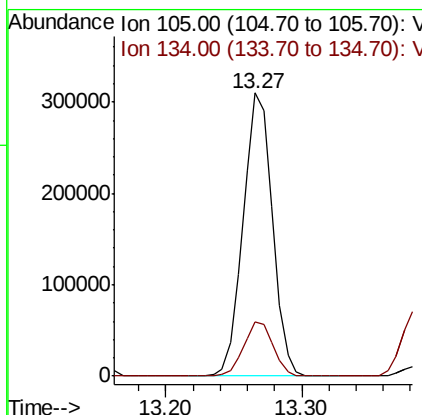
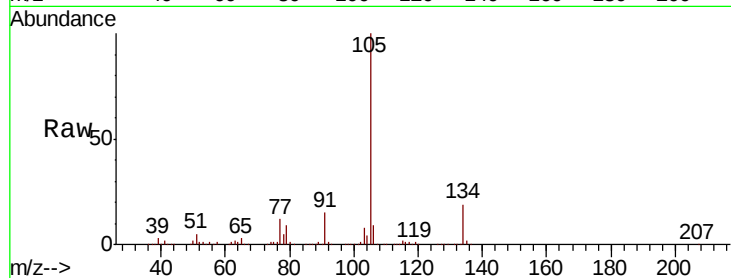




#85
 sec-Butylbenzene
 Concen: 52.917 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

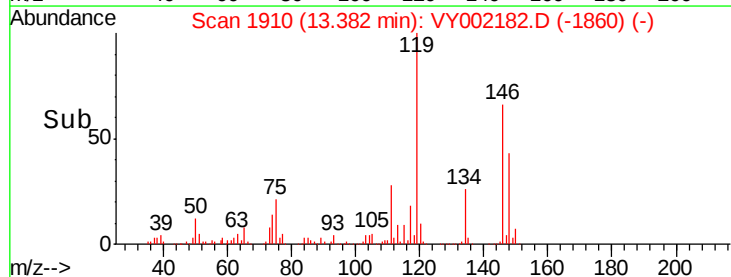
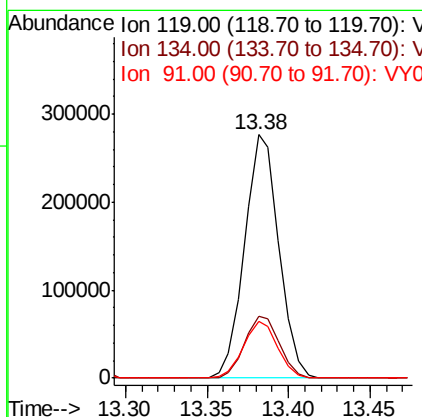
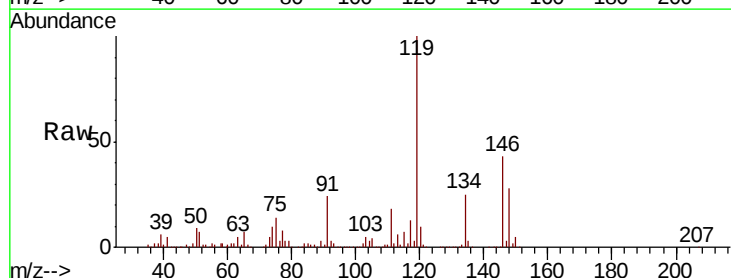
Instrument :
 MSVOA_Y
 ClientSampleId :

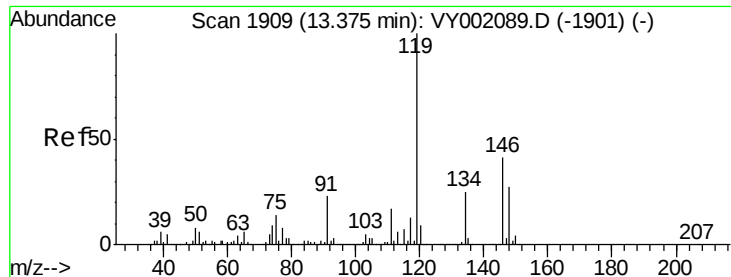
Tot Ion:105 Resp: 466508
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 53.387 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion:119 Resp: 404170
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 23.4 11.8 35.3

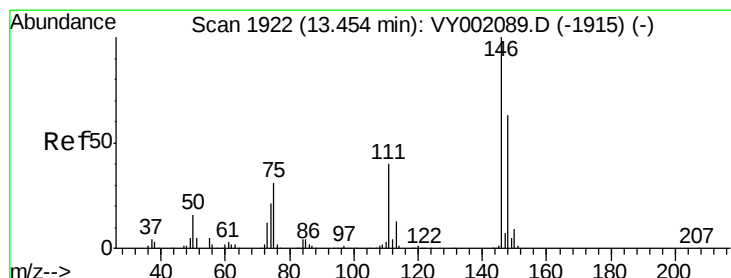
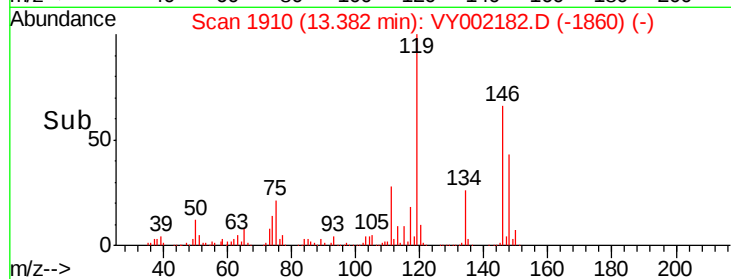
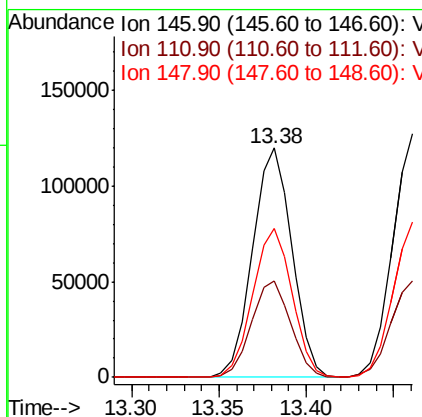
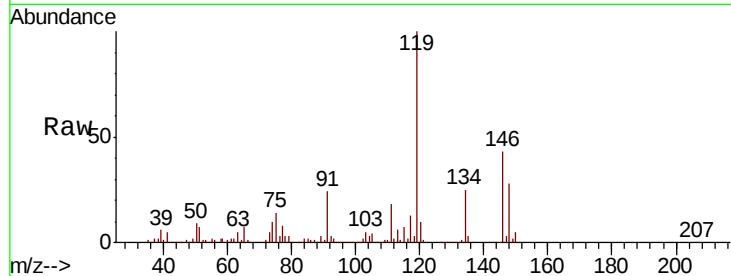




#87
 1,3-Dichlorobenzene
 Concen: 51.960 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

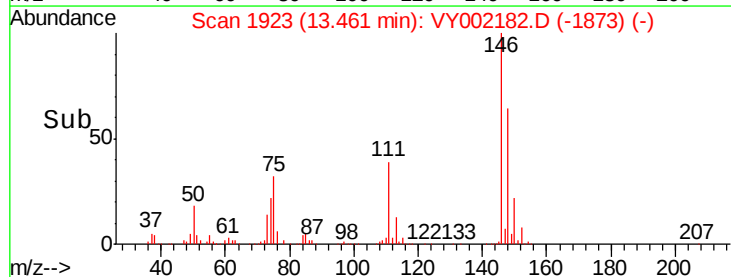
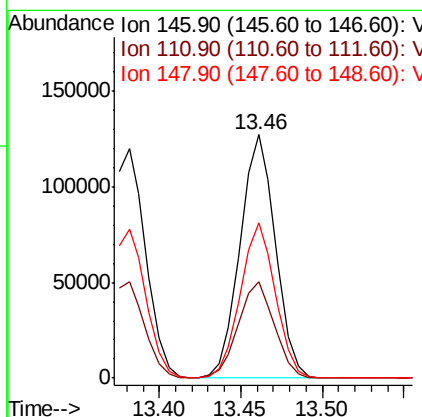
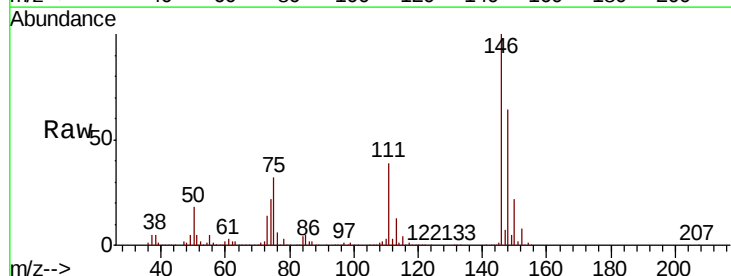
Instrument :
 MSVOA_Y
 ClientSampleId :

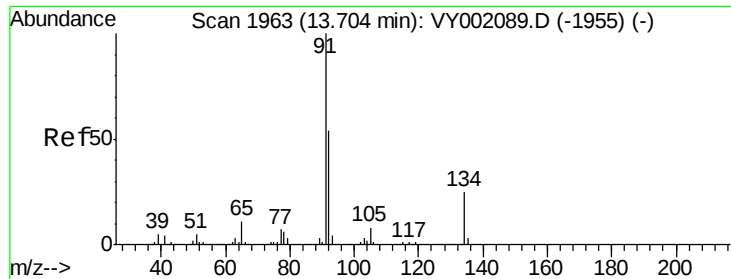
Tot Ion:146 Resp: 187540
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.9 62.8
 148 64.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 52.805 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion:146 Resp: 191787
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.3 60.9
 148 63.3 31.5 94.5

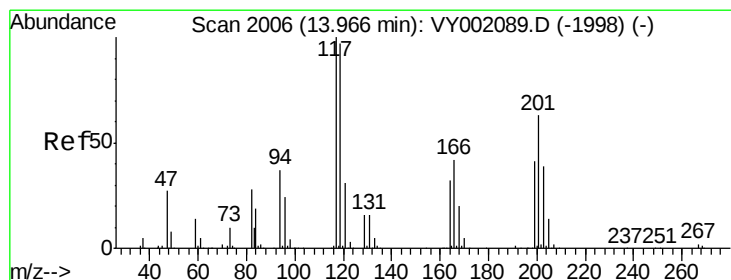
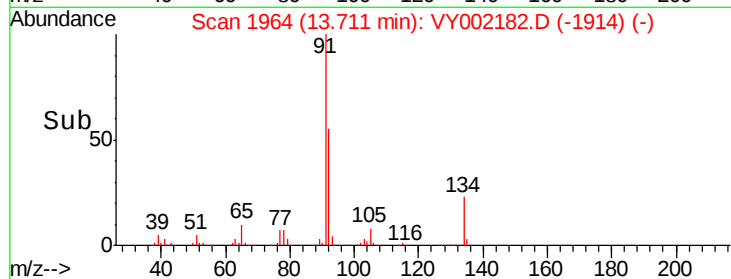
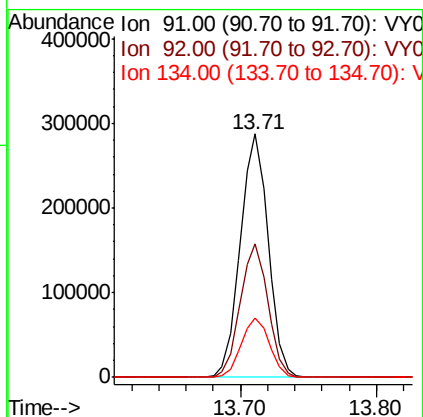
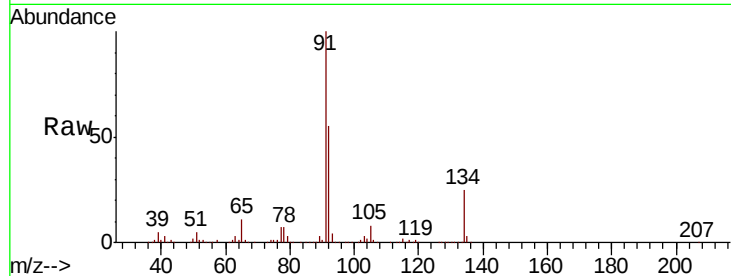




#89
n-Butylbenzene
Concen: 52.184 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

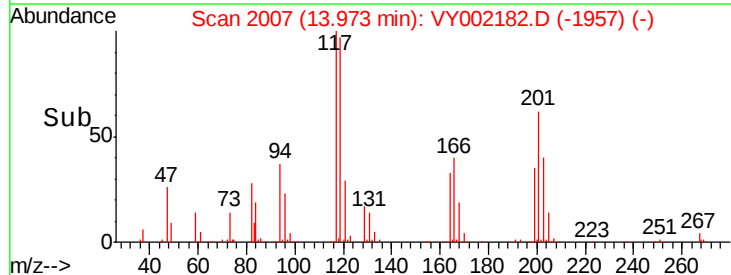
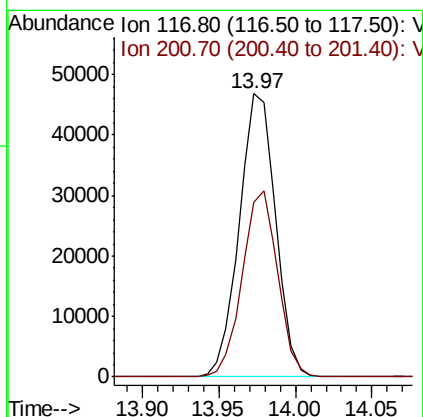
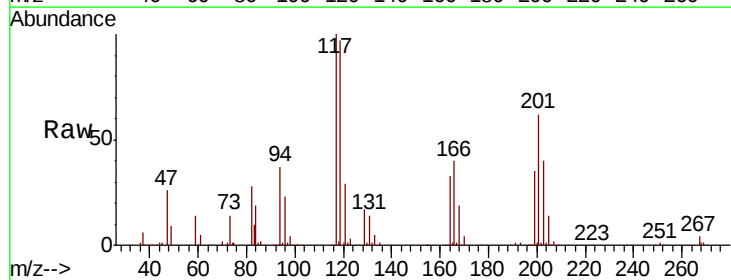
Instrument :
MSVOA_Y
ClientSampleId :

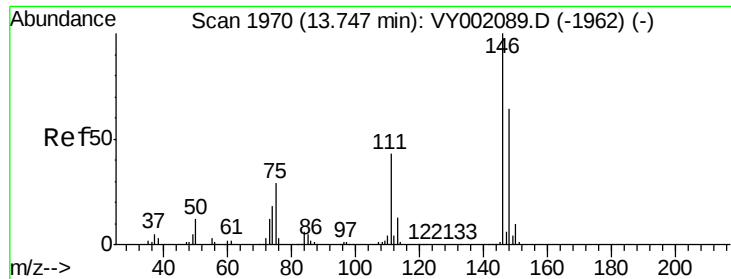
Tot Ion: 91 Resp: 411623
Ion Ratio Lower Upper
91 100
92 54.4 27.0 81.0
134 24.7 12.3 36.8



#90
Hexachloroethane
Concen: 54.165 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion: 117 Resp: 77269
Ion Ratio Lower Upper
117 100
201 64.0 31.6 94.8





#91

1,2-Dichlorobenzene

Concen: 52.446 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampled :

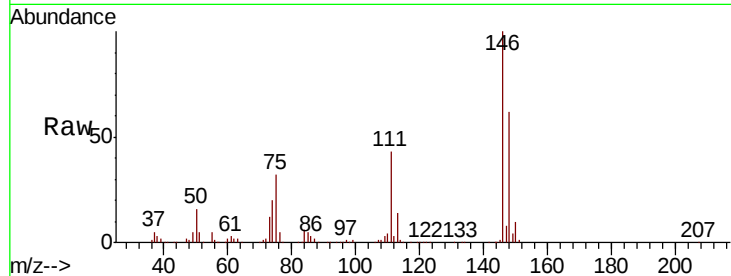
Tot Ion:146 Resp: 174809

Ion Ratio Lower Upper

146 100

111 42.2 21.3 63.7

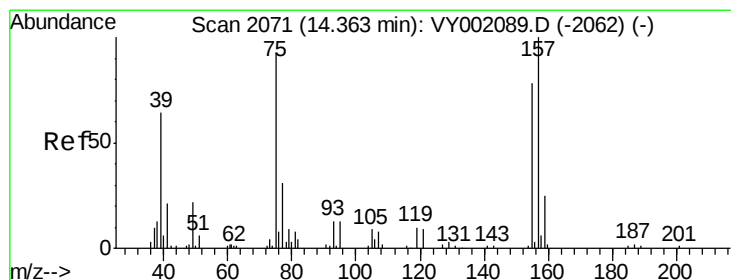
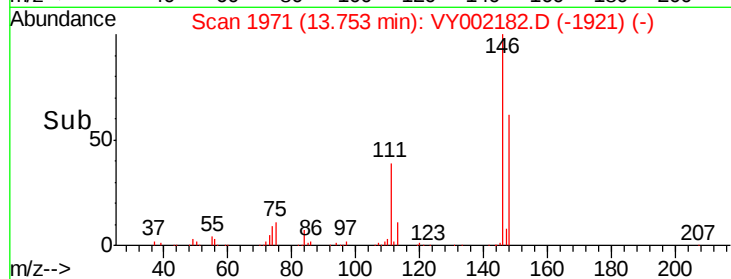
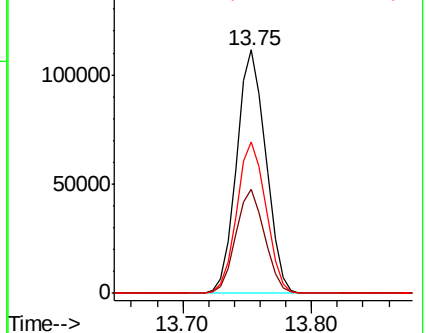
148 62.3 31.8 95.4



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: 51.466 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

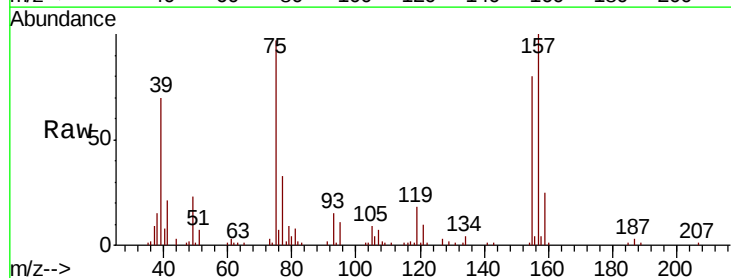
Tgt Ion: 75 Resp: 15332

Ion Ratio Lower Upper

75 100

155 84.0 41.6 124.9

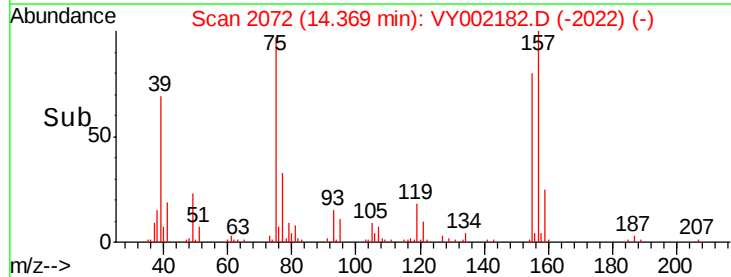
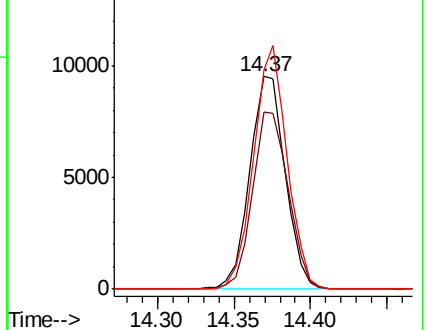
157 108.4 53.4 160.3

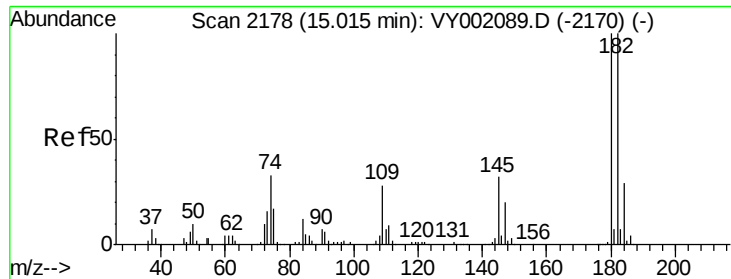


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

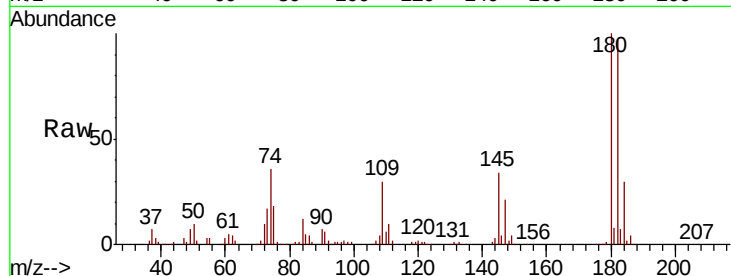




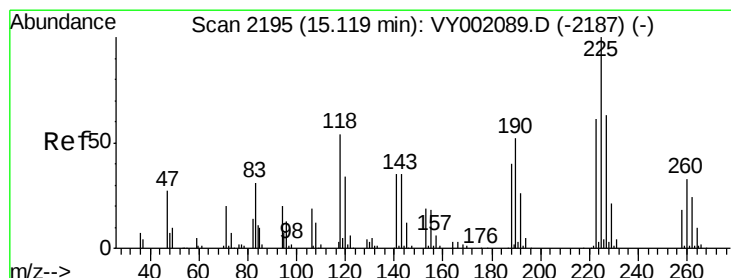
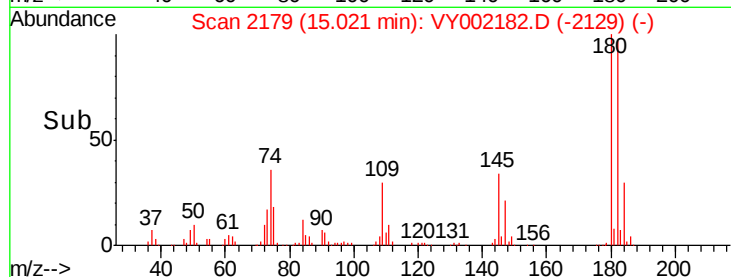
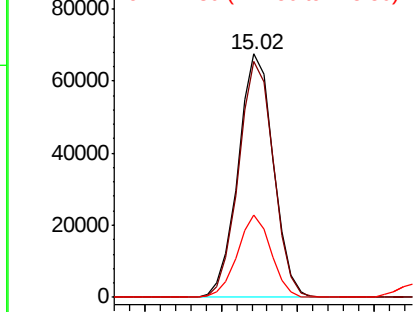
#93
 1,2,4-Trichlorobenzene
 Concen: 50.229 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.1	144.3
145	32.4	15.9	47.6

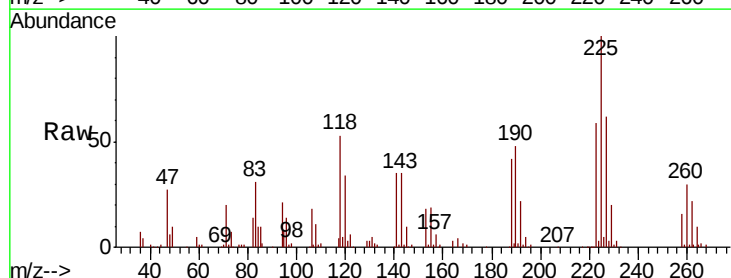


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

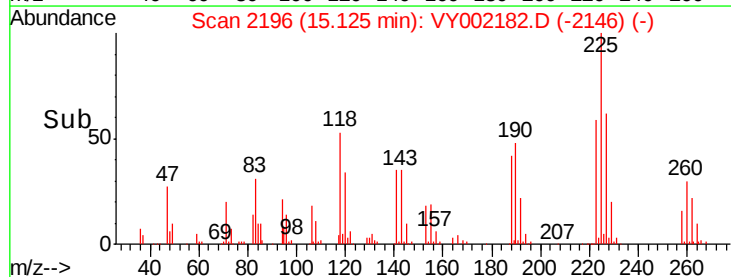
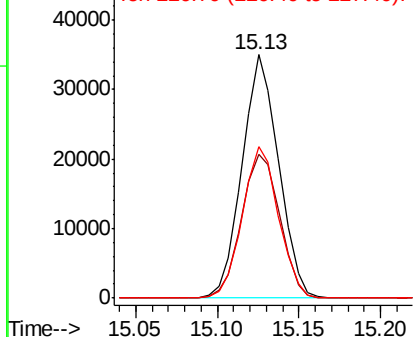


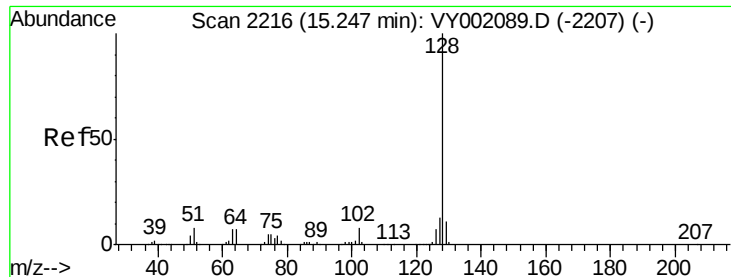
#94
 Hexachlorobutadiene
 Concen: 51.535 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.1	93.3
227	61.7	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

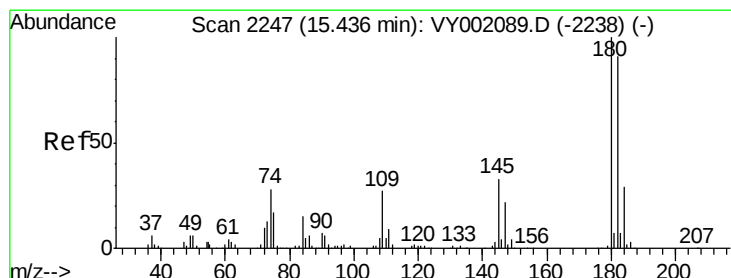
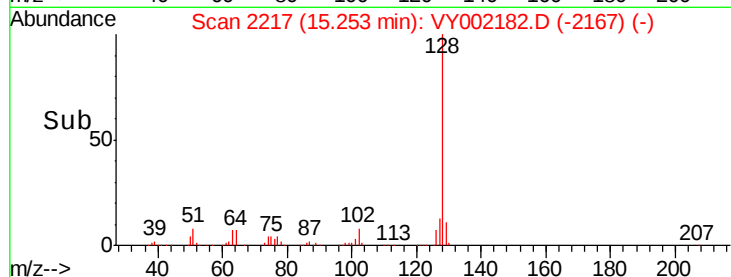
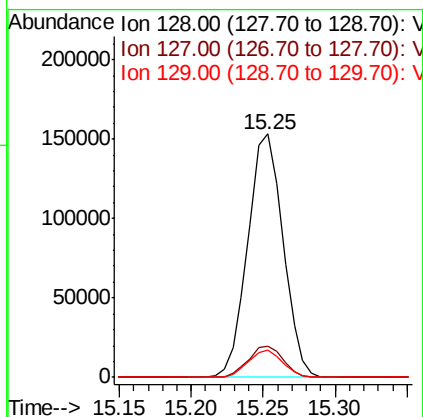
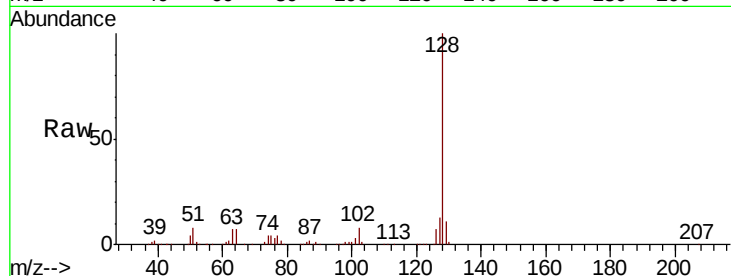




#95
Naphthalene
Concen: 50.929 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	9.8	14.8
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.951 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.8	140.3
145	34.2	16.7	50.1

