

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
 Data File : VY001595.D
 Acq On : 11 Feb 2020 11:59
 Operator : SY/MD
 Sample : VY0211SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 07:53:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	196240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	345304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	308172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	147967	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	102419	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
35) Dibromofluoromethane	7.74	113	96209	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
50) Toluene-d8	10.19	98	396535	52.64	ug/l	0.00
Spiked Amount			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.49	95	145892	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	31678	16.491	ug/l	93
3) Chloromethane	2.12	50	42905	21.370	ug/l	97
4) Vinyl Chloride	2.26	62	43871	21.044	ug/l	99
5) Bromomethane	2.66	94	29837	22.758	ug/l	94
6) Chloroethane	2.80	64	27834	22.150	ug/l	99
7) Trichlorofluoromethane	3.14	101	58874	17.061	ug/l	99
8) Diethyl Ether	3.55	74	22342	19.187	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.92	101	37167	17.901	ug/l	98
10) Methyl Iodide	4.11	142	43502	16.444	ug/l	99
11) Tert butyl alcohol	4.97	59	29616	115.036	ug/l #	95
12) 1,1-Dichloroethene	3.89	96	37106	17.985	ug/l	94
13) Acrolein	3.75	56	18421	98.460	ug/l	99
14) Allyl chloride	4.50	41	64084	20.304	ug/l	98
15) Acrylonitrile	5.19	53	57707	108.100	ug/l	99
16) Acetone	3.97	43	57988	101.460	ug/l	96
17) Carbon Disulfide	4.21	76	118579	18.054	ug/l	98
18) Methyl Acetate	4.50	43	28778	23.595	ug/l	95
19) Methyl tert-butyl Ether	5.25	73	102063	18.601	ug/l	96
20) Methylene Chloride	4.74	84	46681	17.817	ug/l	94
21) trans-1,2-Dichloroethene	5.24	96	42113	18.361	ug/l	94
22) Diisopropyl ether	6.14	45	134820	21.560	ug/l	96
23) Vinyl Acetate	6.08	43	424068	106.531	ug/l	94
24) 1,1-Dichloroethane	6.04	63	72271	19.215	ug/l	96
25) 2-Butanone	7.01	43	83351	112.412	ug/l	92
26) 2,2-Dichloropropane	7.00	77	63896	17.750	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	46645	18.619	ug/l	96
28) Bromochloromethane	7.35	49	28993	22.627	ug/l	87
29) Tetrahydrofuran	7.36	42	50233	113.030	ug/l	93
30) Chloroform	7.53	83	69619	18.273	ug/l	98
31) Cyclohexane	7.80	56	76693	19.934	ug/l	94
32) 1,1,1-Trichloroethane	7.72	97	60978	17.653	ug/l	97
36) 1,1-Dichloropropene	7.94	75	58837	18.626	ug/l	99
37) Ethyl Acetate	7.10	43	33690	22.031	ug/l	97
38) Carbon Tetrachloride	7.91	117	51819	16.955	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	76916	18.492	ug/l	99
40) Benzene	8.17	78	173011	19.202	ug/l	98
41) Methacrylonitrile	7.36	41	46541	65.668	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	46803	18.645	ug/l	100
43) Isopropyl Acetate	8.28	43	65847	21.748	ug/l	95
44) Trichloroethene	8.95	130	43551	17.932	ug/l	94
45) 1,2-Dichloropropane	9.22	63	44118	20.277	ug/l	98
46) Dibromomethane	9.31	93	23017	18.840	ug/l	99
47) Bromodichloromethane	9.50	83	54817	18.415	ug/l	96
48) Methyl methacrylate	9.30	41	29116	21.188	ug/l	95
49) 1,4-Dioxane	9.31	88	5915	366.600	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	168228	112.823	ug/l	94
52) Toluene	10.25	92	108233	18.932	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	59409	18.323	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	69643	18.710	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	33837	19.304	ug/l	96
56) Ethyl methacrylate	10.52	69	48457	19.436	ug/l	91
57) 1,3-Dichloropropane	10.80	76	58889	19.058	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	97453	106.254	ug/l	96
59) 2-Hexanone	10.84	43	121341	111.923	ug/l	96
60) Dibromochloromethane	10.99	129	36105	17.474	ug/l	99
61) 1,2-Dibromoethane	11.10	107	32107	18.597	ug/l	97
64) Tetrachloroethene	10.72	164	37892	18.749	ug/l	98
65) Chlorobenzene	11.52	112	110149	18.204	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	38541	18.199	ug/l	99
67) Ethyl Benzene	11.59	91	208358	18.623	ug/l	99
68) m/p-Xylenes	11.70	106	155678	37.066	ug/l	98
69) o-Xylene	12.03	106	74376	18.782	ug/l	99
70) Styrene	12.05	104	127261	18.583	ug/l	99
71) Bromoform	12.21	173	21286	18.051	ug/l #	100
73) Isopropylbenzene	12.33	105	198089	17.553	ug/l	100
74) N-amyl acetate	12.14	43	61622	21.013	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	42023	19.599	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	54375	34.171	ug/l #	100
77) Bromobenzene	12.61	156	44068	18.044	ug/l	97
78) n-propylbenzene	12.67	91	242948	17.983	ug/l	100
79) 2-Chlorotoluene	12.76	91	133734	17.366	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	167151	17.587	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	15506	18.855	ug/l	98
82) 4-Chlorotoluene	12.86	91	140323	17.379	ug/l	99
83) tert-Butylbenzene	13.08	119	138614	17.254	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	167815	17.840	ug/l	99
85) sec-Butylbenzene	13.26	105	202843	17.959	ug/l	100
86) p-Isopropyltoluene	13.38	119	180729	18.158	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	85119	18.186	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	87192	18.595	ug/l	99
89) n-Butylbenzene	13.70	91	183162	18.651	ug/l	99
90) Hexachloroethane	13.97	117	32789	17.163	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	78590	18.529	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7057	17.829	ug/l	99

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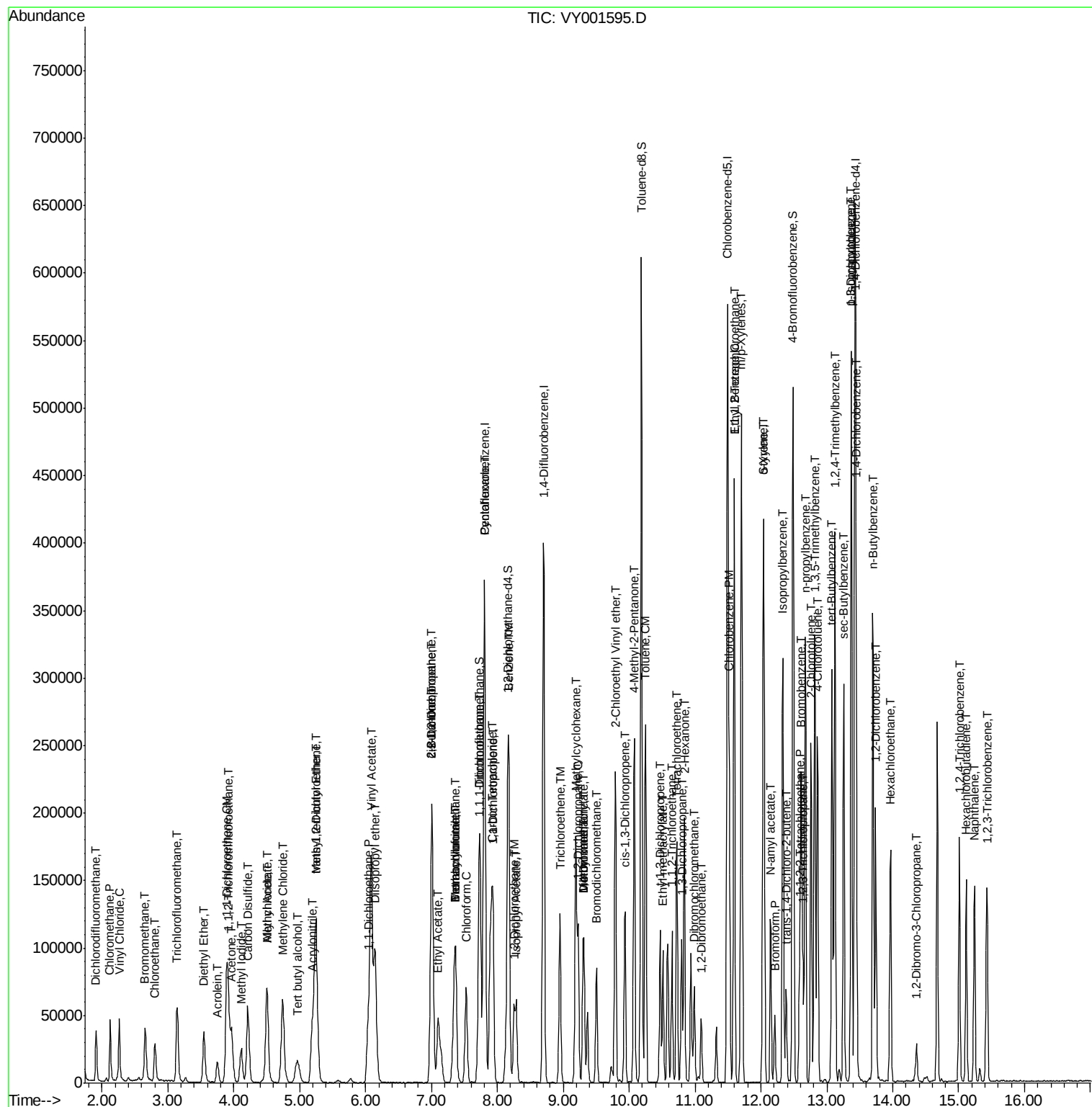
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	52366	18.321	ug/l	98
94) Hexachlorobutadiene	15.12	225	25516	17.589	ug/l	98
95) Naphthalene	15.24	128	117847	17.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	45358	17.977	ug/l	99

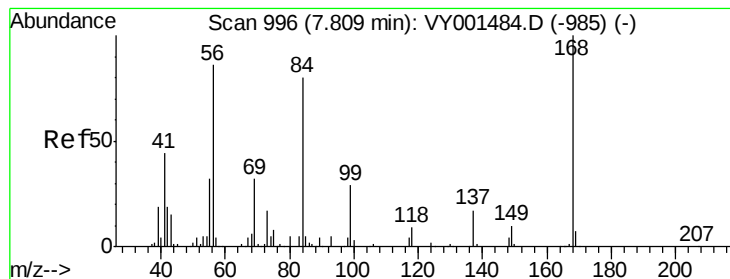
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

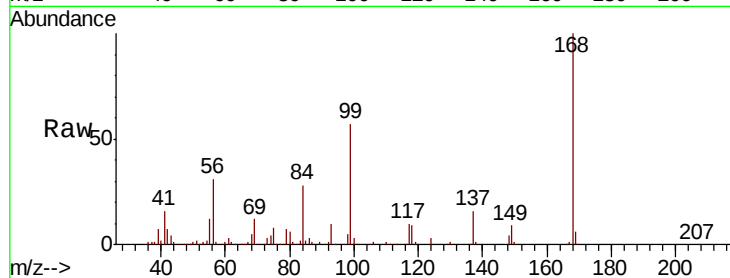
ClientSampled :

Tot Ion:168 Resp: 196240

Ion Ratio Lower Upper

168 100

99 57.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001595.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001595.D (-947) (-)

7.81

80000

60000

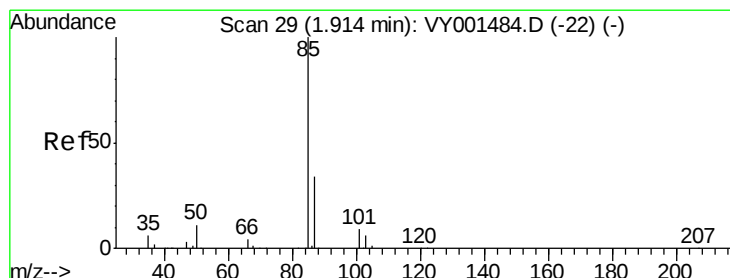
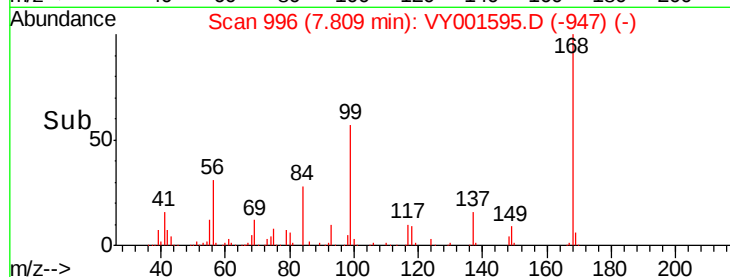
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 16.491 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001595.D

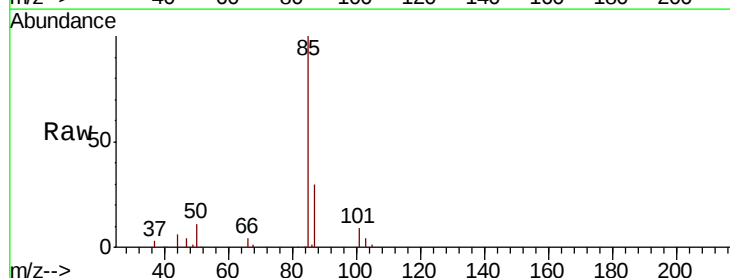
Acq: 11 Feb 2020 11:59

Tgt Ion: 85 Resp: 31678

Ion Ratio Lower Upper

85 100

87 30.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001595.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001595.D (-1) (-)

1.91

25000

20000

15000

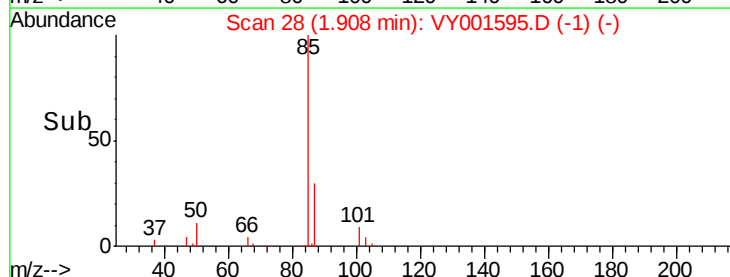
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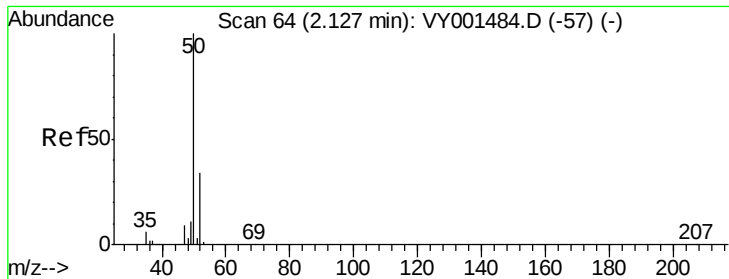
5000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.370 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

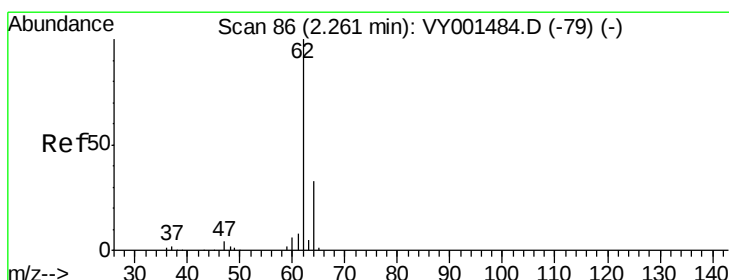
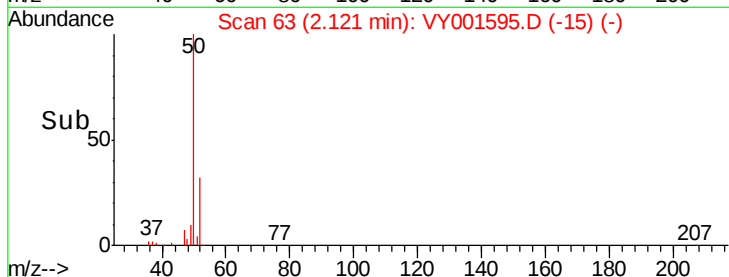
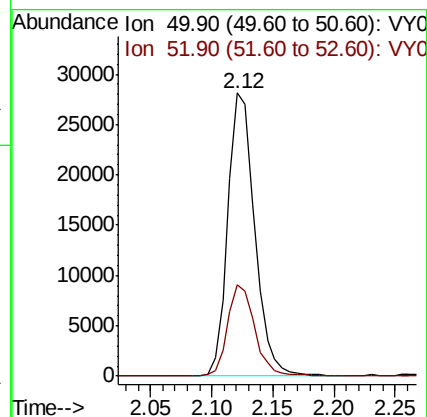
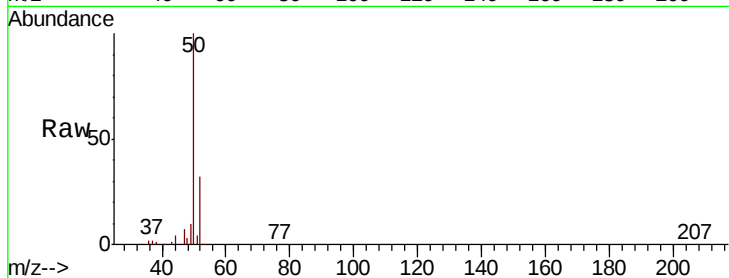
ClientSampleId :

Tot Ion: 50 Resp: 42905

Ion Ratio Lower Upper

50 100

52 32.2 27.3 40.9



#4

Vinyl Chloride

Concen: 21.044 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001595.D

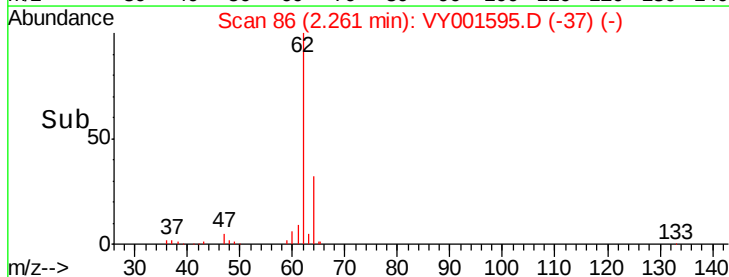
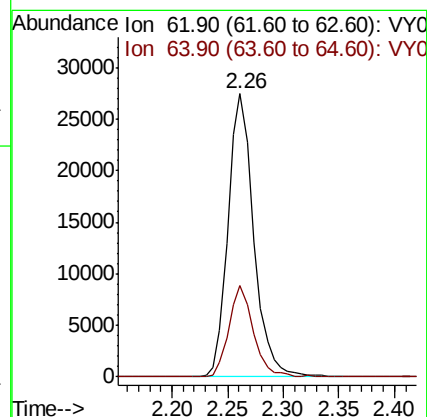
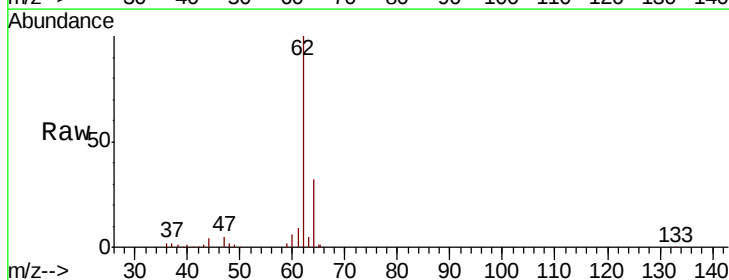
Acq: 11 Feb 2020 11:59

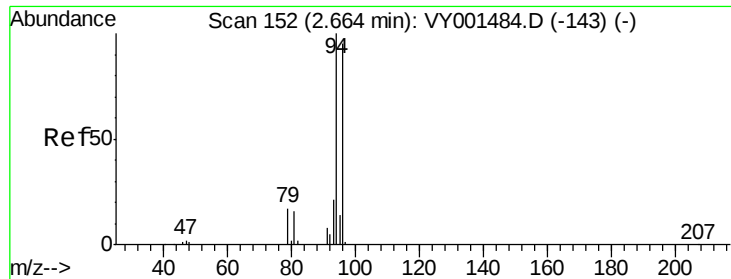
Tgt Ion: 62 Resp: 43871

Ion Ratio Lower Upper

62 100

64 32.2 26.4 39.6





#5

Bromomethane

Concen: 22.758 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

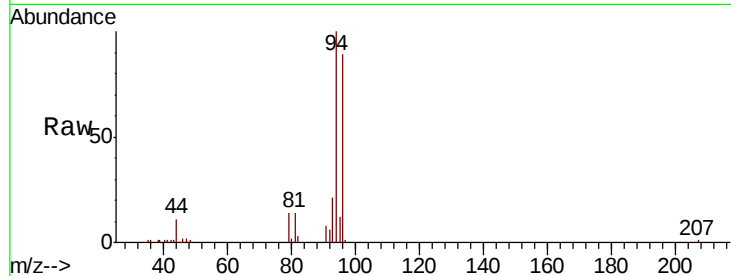
ClientSampleId :

Tot Ion: 94 Resp: 29837

Ion Ratio Lower Upper

94 100

96 89.0 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VY001484.D (-143) (-)

Ion 95.90 (95.60 to 96.60): VY001595.D (-103) (-)

2.66

15000

10000

5000

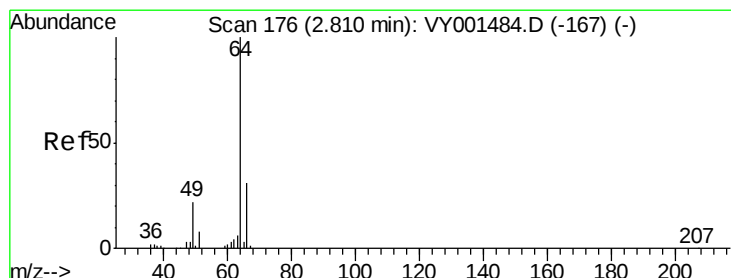
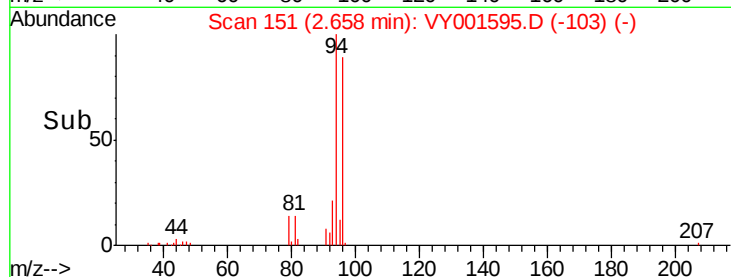
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Time-->

2.60

2.70

2.80



#6

Chloroethane

Concen: 22.150 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001595.D

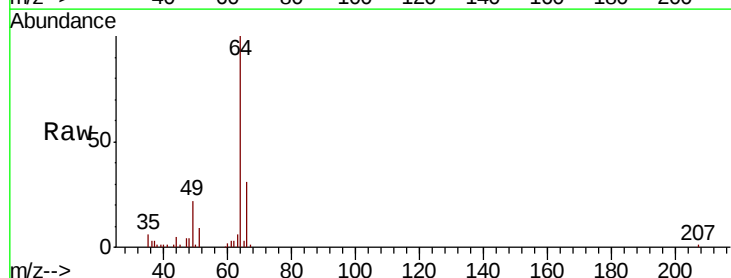
Acq: 11 Feb 2020 11:59

Tgt Ion: 64 Resp: 27834

Ion Ratio Lower Upper

64 100

66 31.4 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY001484.D (-167) (-)

Ion 65.90 (65.60 to 66.60): VY001595.D (-127) (-)

2.80

15000

10000

5000

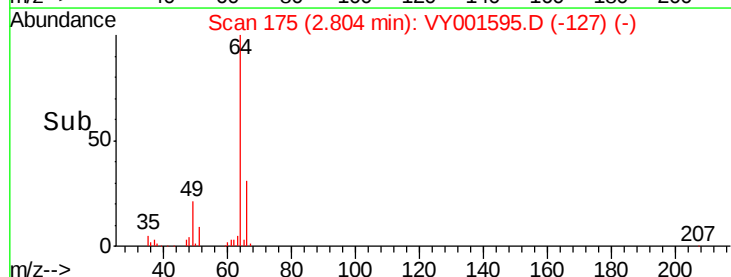
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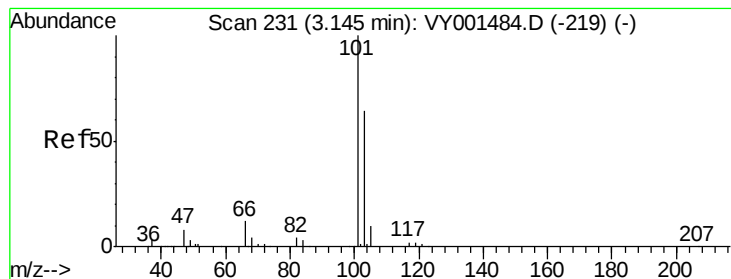
Time-->

2.70

2.80

2.90



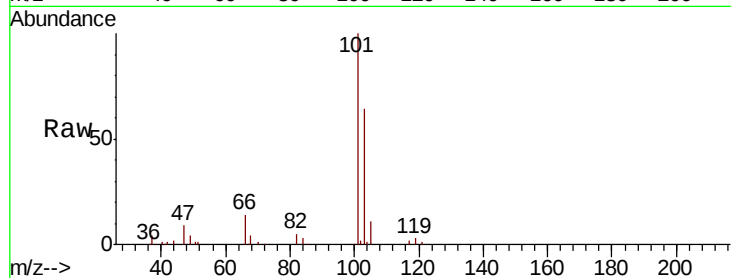


#7

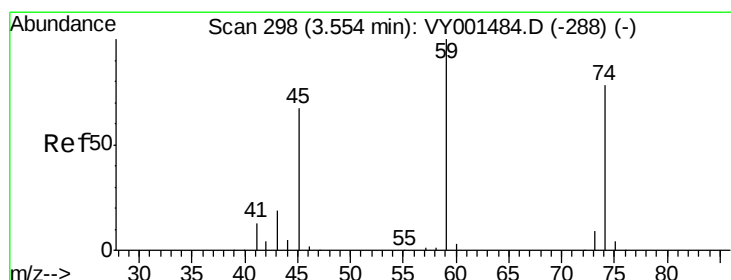
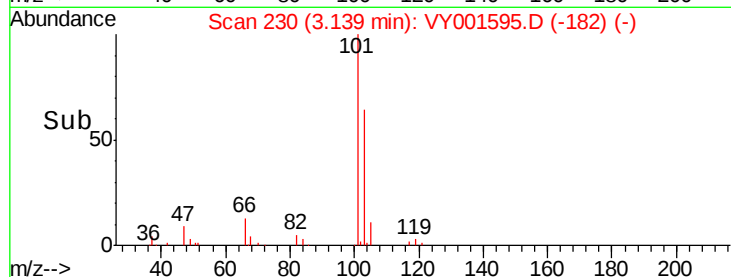
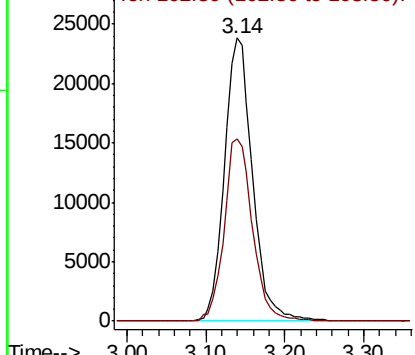
Trichlorofluoromethane
Concen: 17.061 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.01 min
Lab File: VY001595.D
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Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:101 Resp: 58874
Ion Ratio Lower Upper
101 100
103 64.4 50.9 76.3



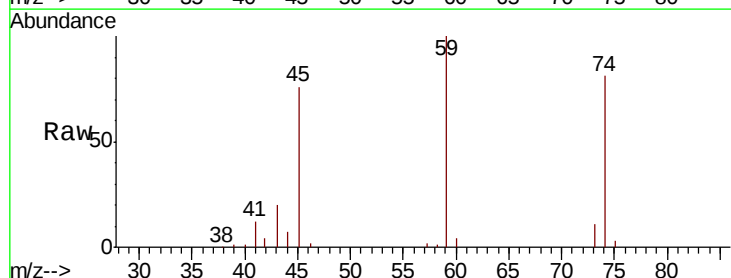
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



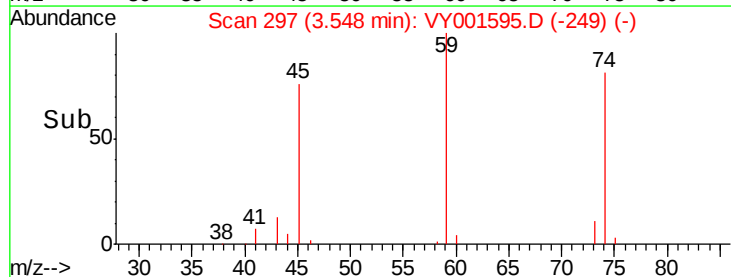
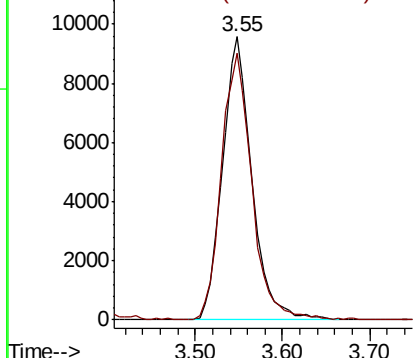
#8

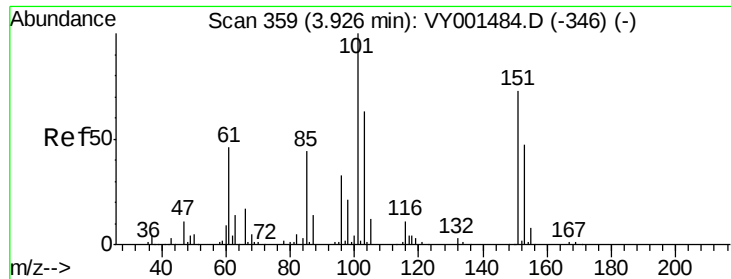
Diethyl Ether
Concen: 19.187 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001595.D
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Tgt Ion: 74 Resp: 22342
Ion Ratio Lower Upper
74 100
45 97.5 44.5 133.5



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: 17.901 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001595.D

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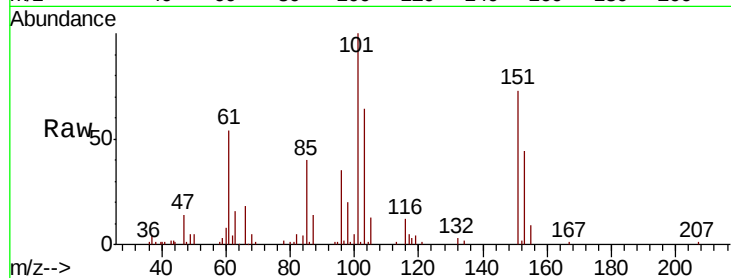
Tot Ion:101 Resp: 37167

Ion Ratio Lower Upper

101 100

85 44.3 34.6 51.8

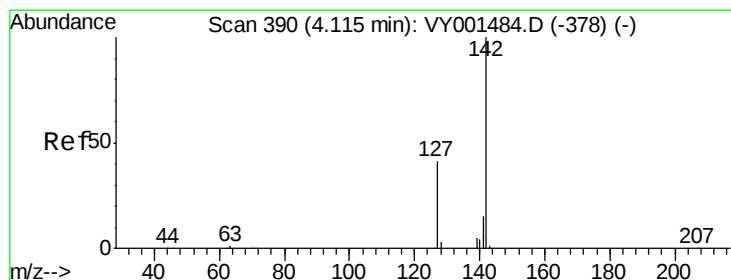
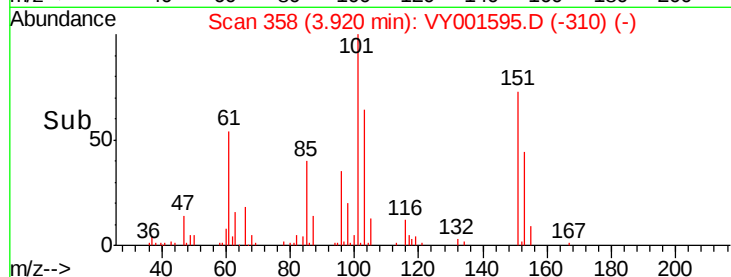
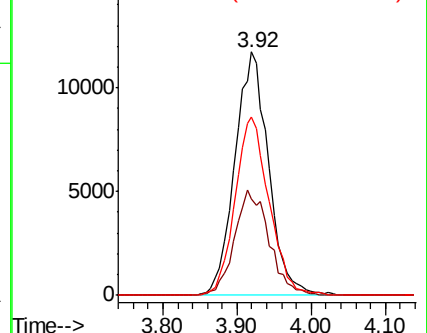
151 73.7 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.444 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

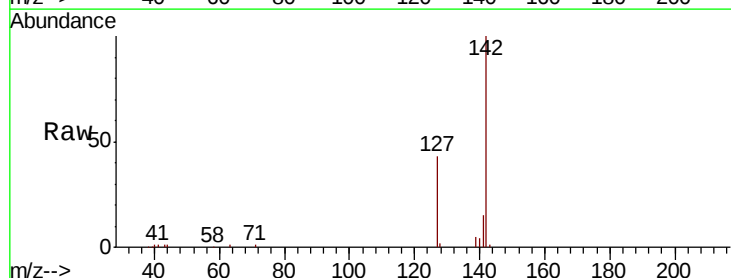
Tgt Ion:142 Resp: 43502

Ion Ratio Lower Upper

142 100

127 42.0 33.3 49.9

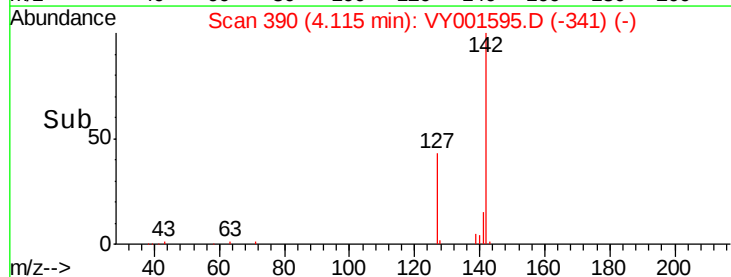
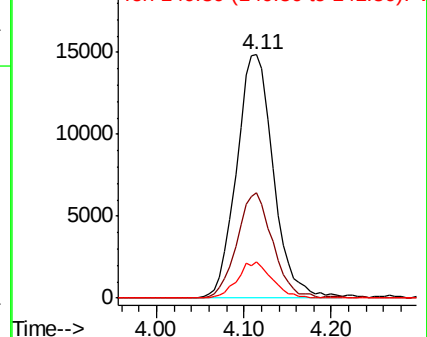
141 13.9 11.5 17.3

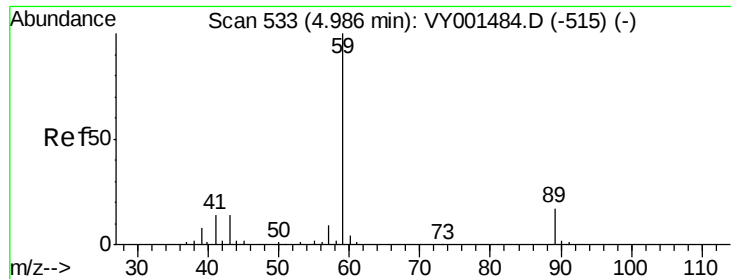


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

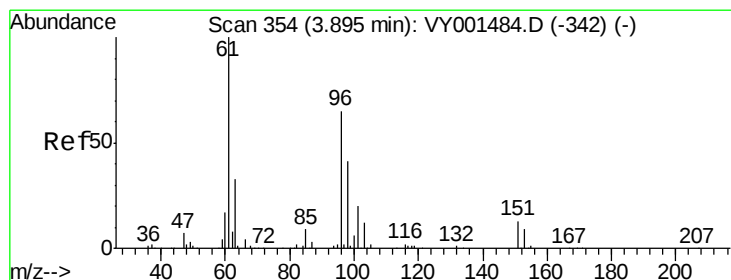
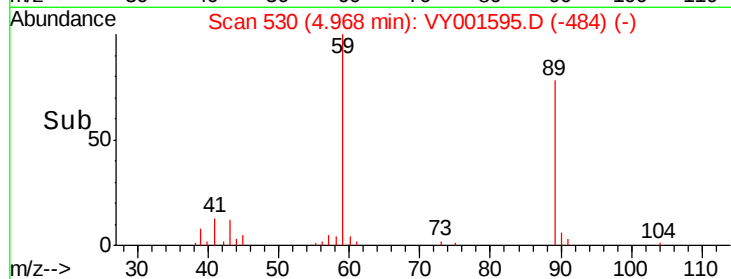
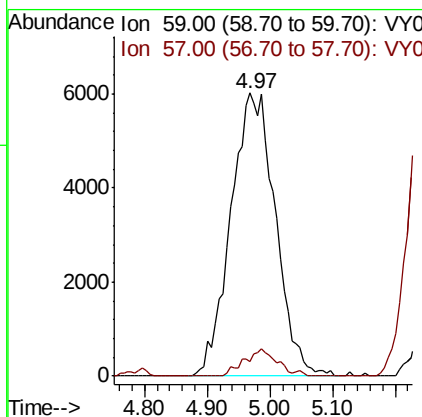
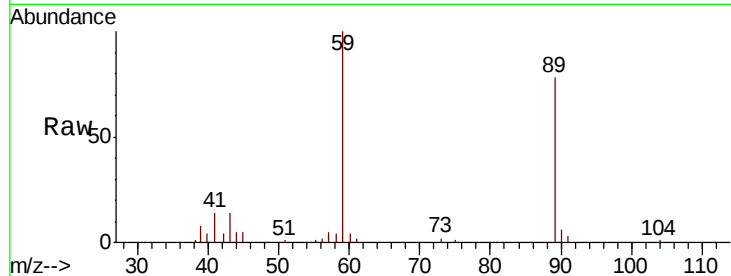




#11
Tert butyl alcohol
Concen: 115.036 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.02 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

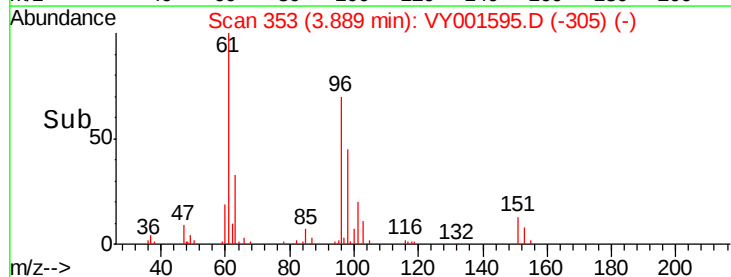
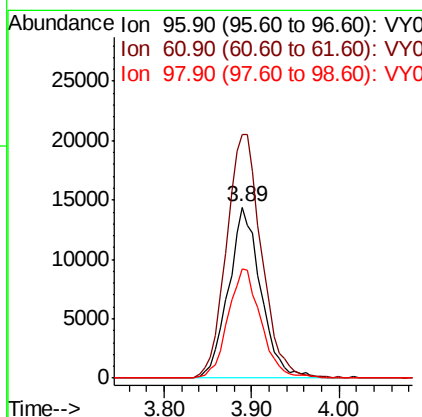
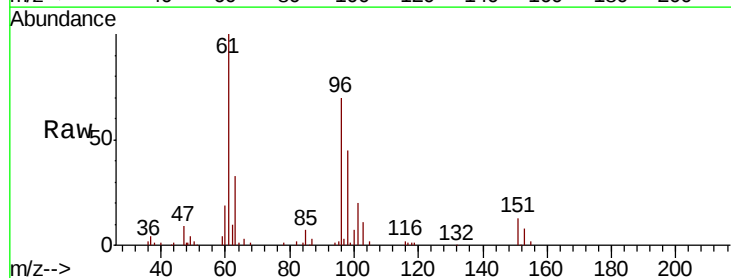
Instrument :
MSVOA_Y
ClientSampleId :

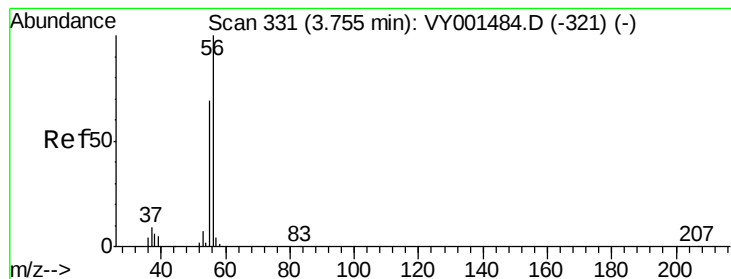
Tot Ion: 59 Resp: 29616
Ion Ratio Lower Upper
59 100
57 6.8 7.0 10.6#



#12
1,1-Dichloroethene
Concen: 17.985 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion: 96 Resp: 37106
Ion Ratio Lower Upper
96 100
61 142.6 122.3 183.5
98 63.8 49.7 74.5





#13

Acrolein

Concen: 98.460 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

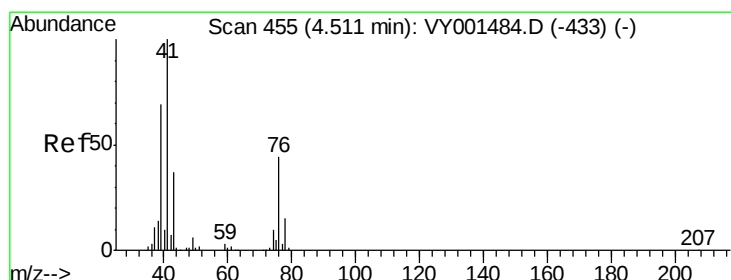
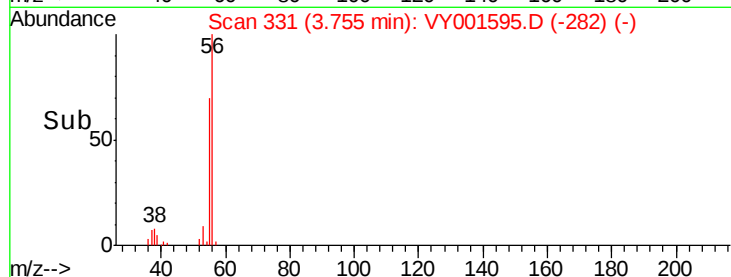
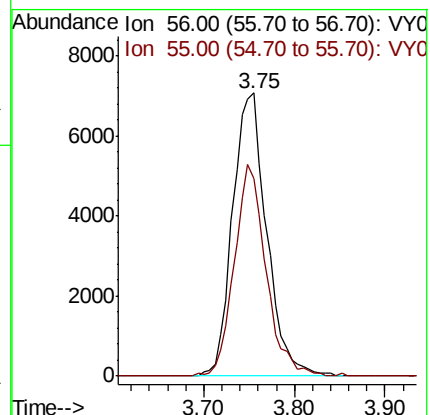
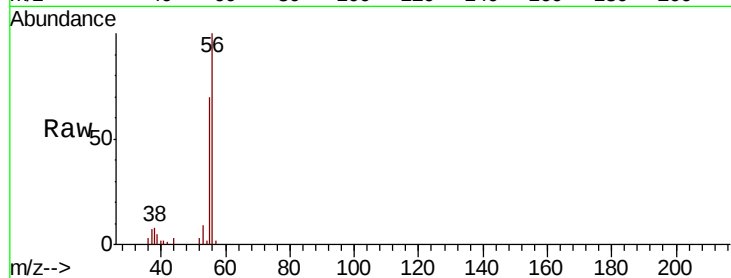
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 18421

Ion Ratio Lower Upper

56 100

55 69.7 56.2 84.4



#14

Allyl chloride

Concen: 20.304 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

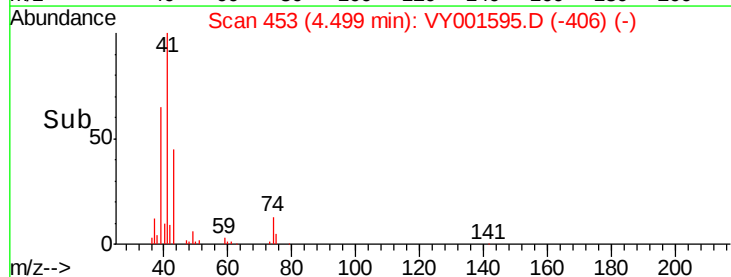
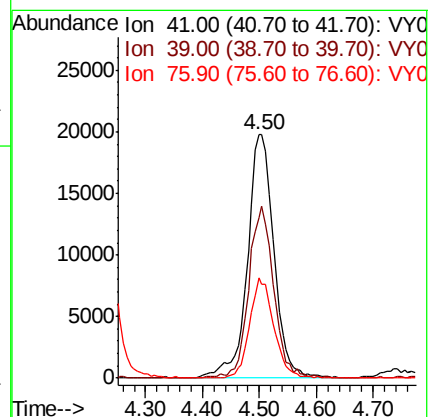
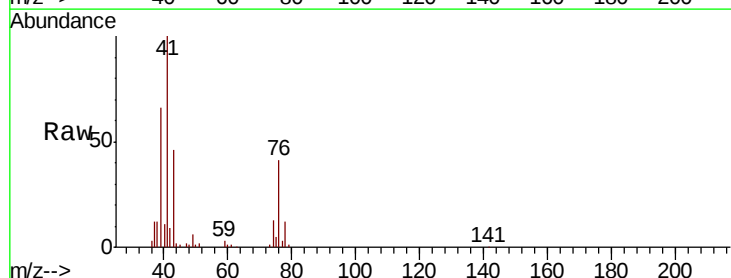
Tgt Ion: 41 Resp: 64084

Ion Ratio Lower Upper

41 100

39 66.3 53.0 79.6

76 37.5 32.6 48.8





#15

Acrylonitrile

Concen: 108.100 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

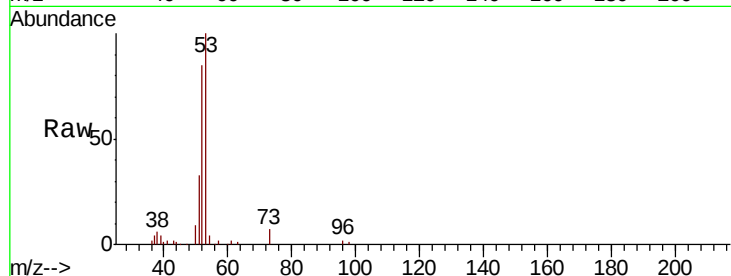
Tot Ion: 53 Resp: 57707

Ion Ratio Lower Upper

53 100

52 82.9 65.4 98.2

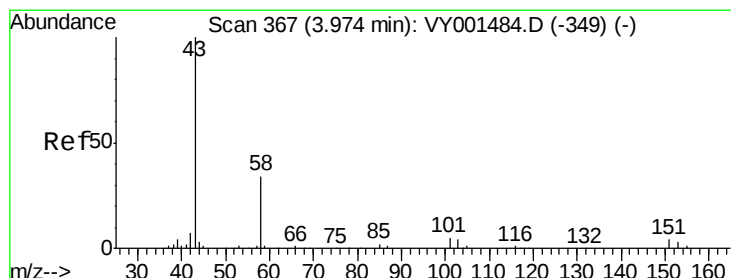
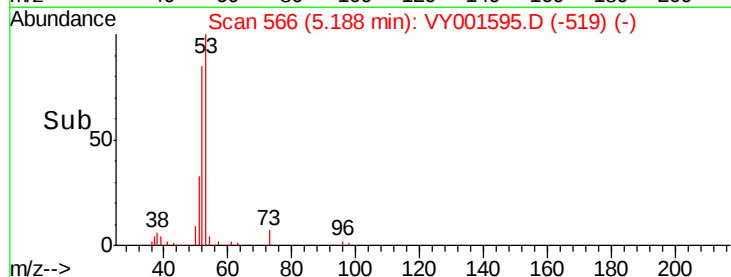
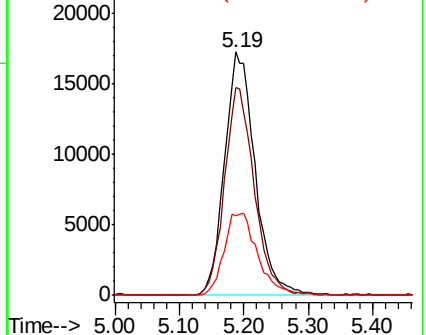
51 36.5 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY001484.D (-555) (-)

Ion 52.00 (51.70 to 52.70): VY001484.D (-555) (-)

Ion 51.00 (50.70 to 51.70): VY001484.D (-555) (-)



#16

Acetone

Concen: 101.460 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001595.D

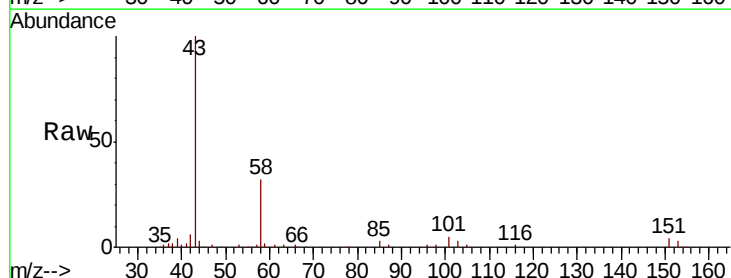
Acq: 11 Feb 2020 11:59

Tgt Ion: 43 Resp: 57988

Ion Ratio Lower Upper

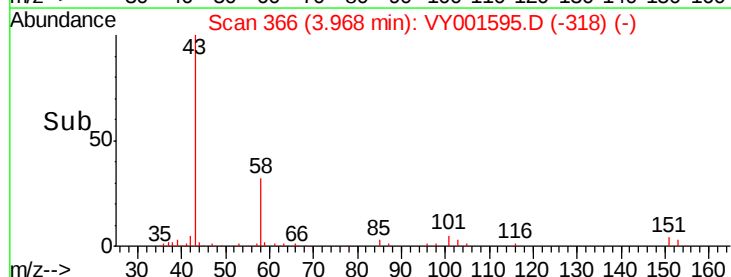
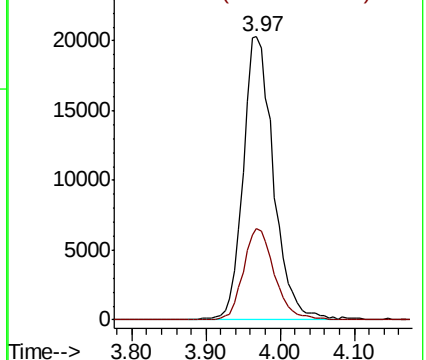
43 100

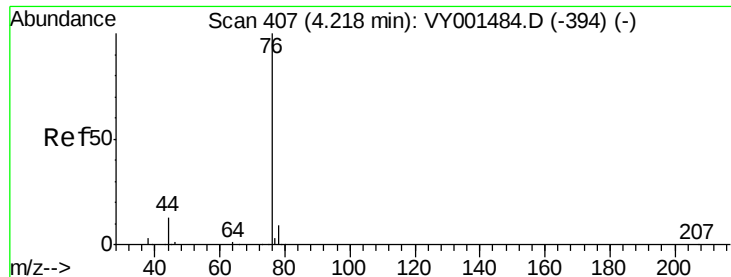
58 32.3 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY001484.D (-349) (-)

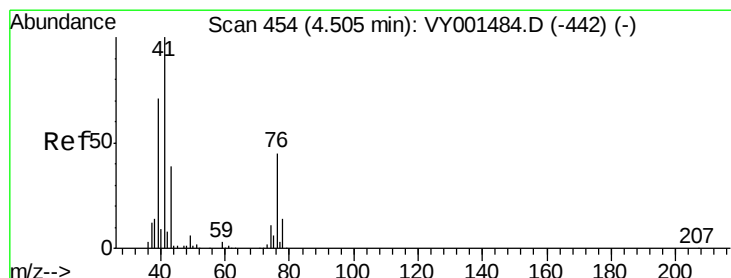
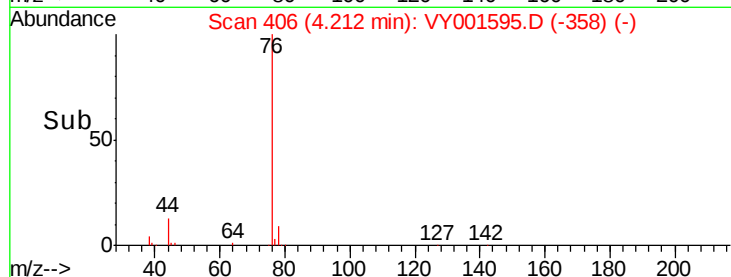
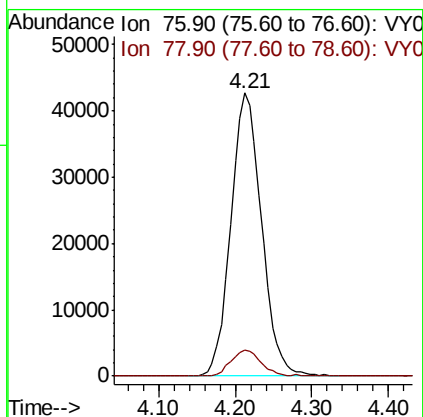
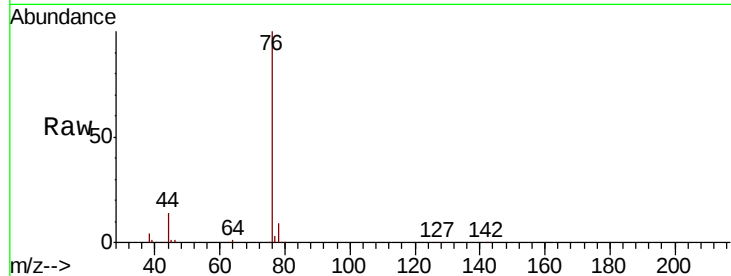




#17
Carbon Disulfide
Concen: 18.054 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

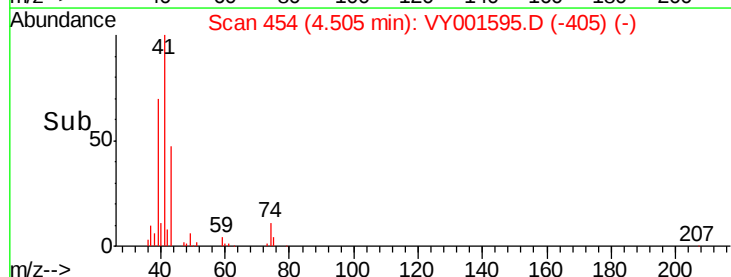
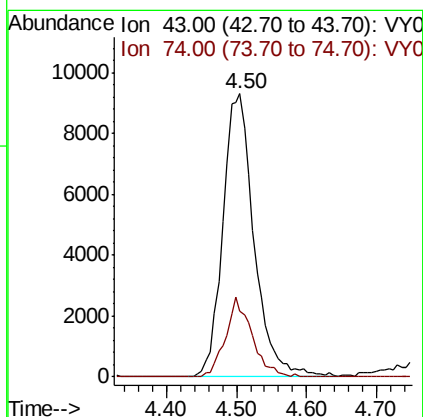
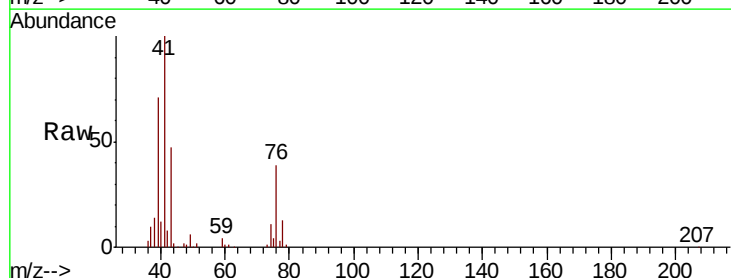
Instrument :
MSVOA_Y
ClientSampleId :

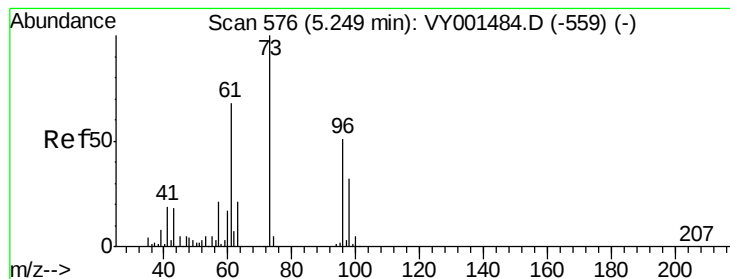
Tot Ion: 76 Resp: 118579
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 23.595 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion: 43 Resp: 28778
Ion Ratio Lower Upper
43 100
74 23.8 21.0 31.6



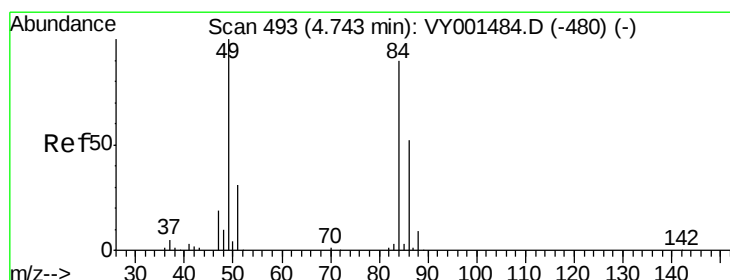
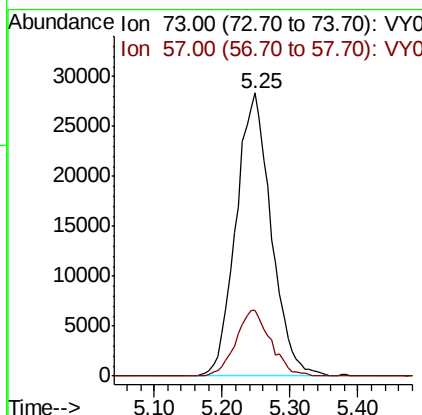
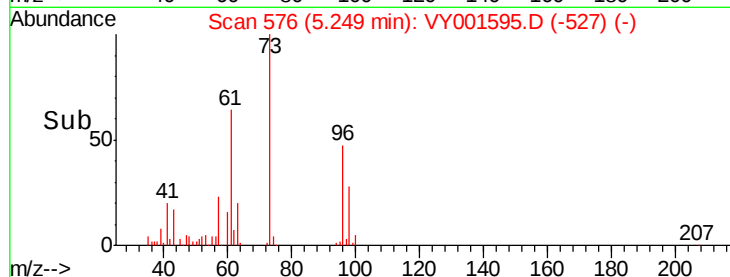
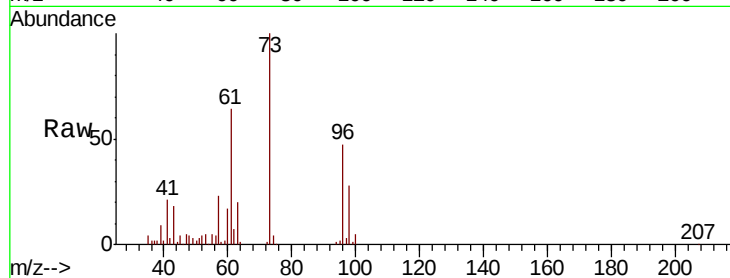


#19

Methyl tert-butyl Ether
 Concen: 18.601 ug/l
 RT: 5.25 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :

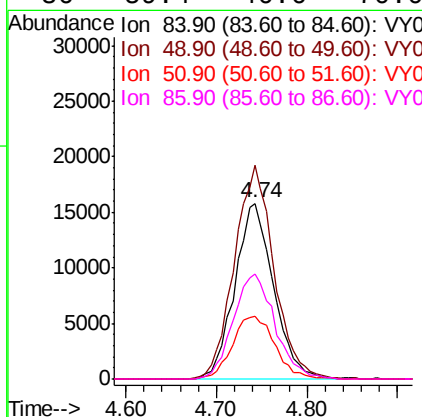
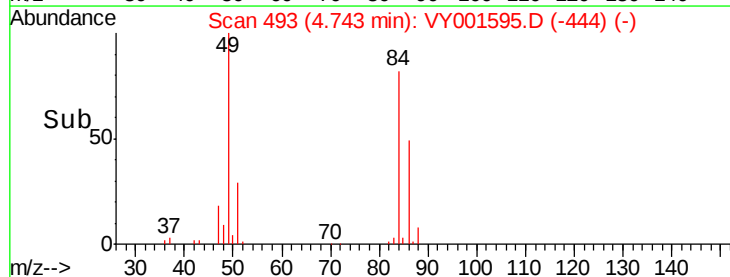
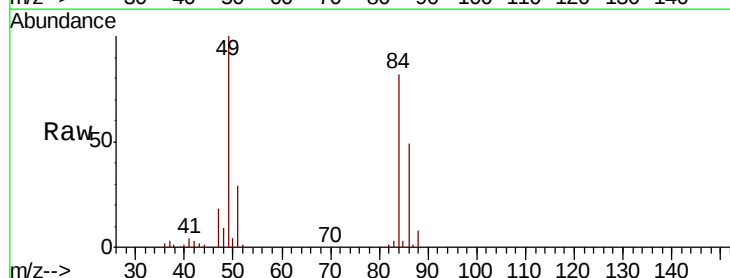
Tot Ion: 73 Resp: 102063
 Ion Ratio Lower Upper
 73 100
 57 23.1 17.0 25.6

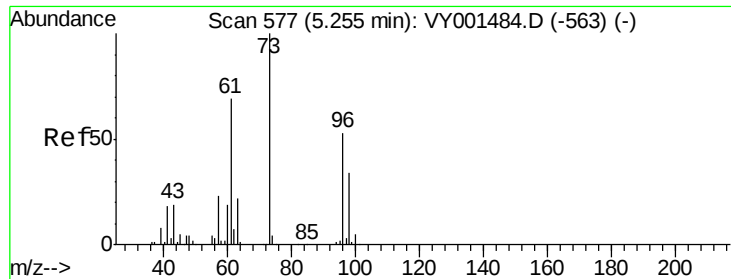


#20

Methylene Chloride
 Concen: 17.817 ug/l
 RT: 4.74 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Tgt Ion: 84 Resp: 46681
 Ion Ratio Lower Upper
 84 100
 49 121.4 89.0 133.6
 51 35.7 27.4 41.2
 86 59.4 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 18.361 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampled :

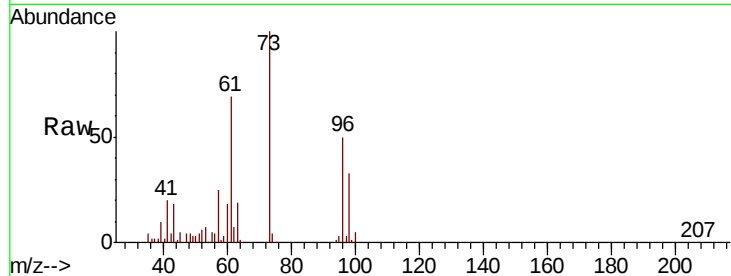
Tot Ion: 96 Resp: 42113

Ion Ratio Lower Upper

96 100

61 139.4 104.2 156.4

98 67.2 51.4 77.0

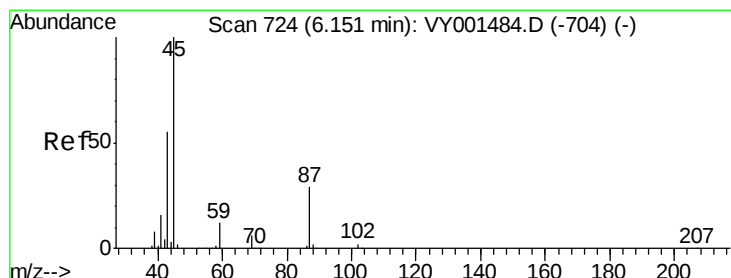
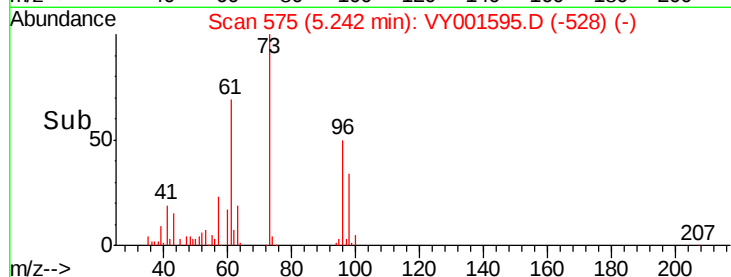
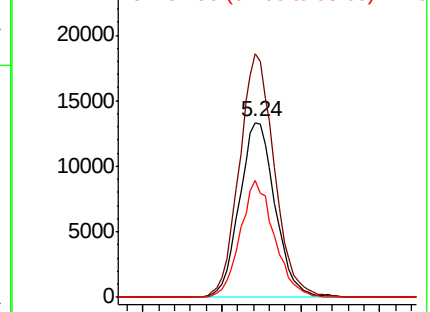


Abundance

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



#22

Diisopropyl ether

Concen: 21.560 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Tgt Ion: 45 Resp: 134820

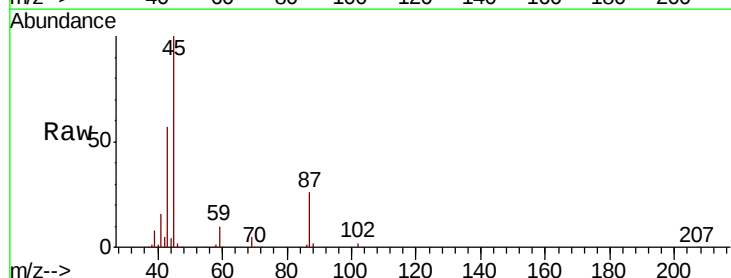
Ion Ratio Lower Upper

45 100

43 56.9 44.2 66.4

87 25.7 23.9 35.9

59 10.2 10.2 15.2



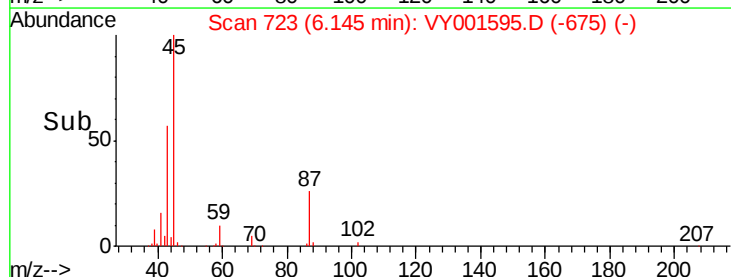
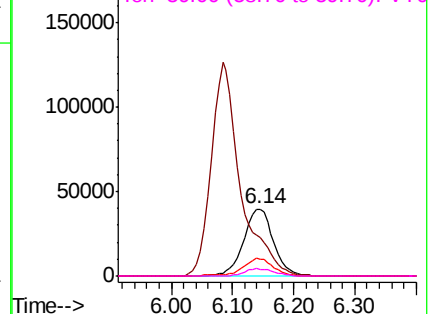
Abundance

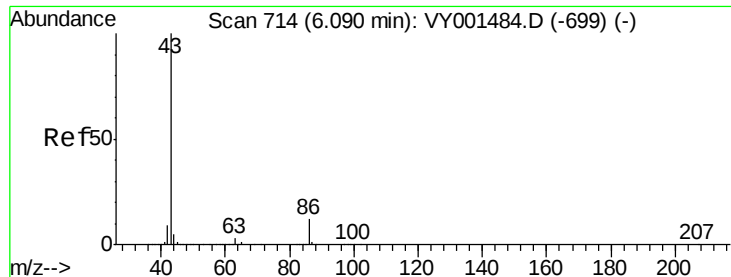
Ion 45.00 (44.70 to 45.70): VY0

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: 106.531 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

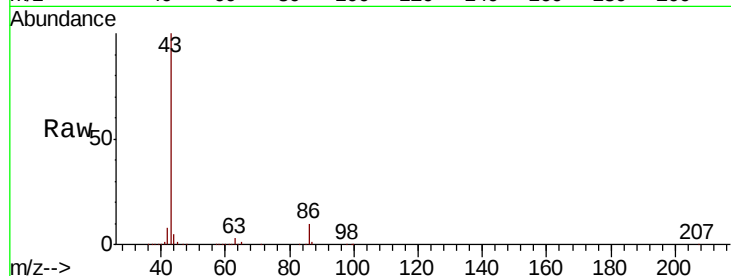
ClientSampleId :

Tot Ion: 43 Resp: 424068

Ion Ratio Lower Upper

43 100

86 10.0 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

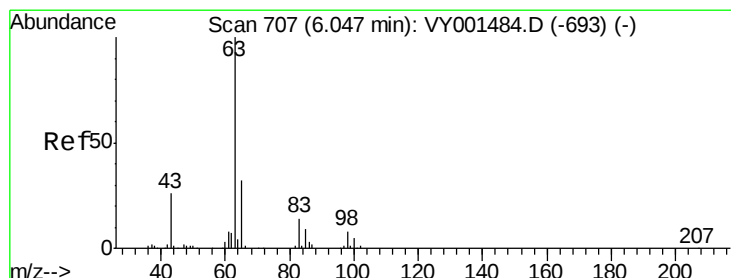
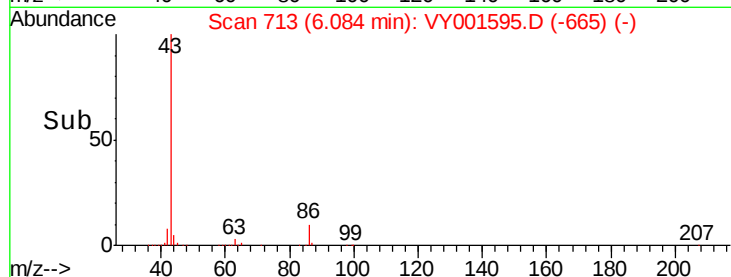
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 19.215 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

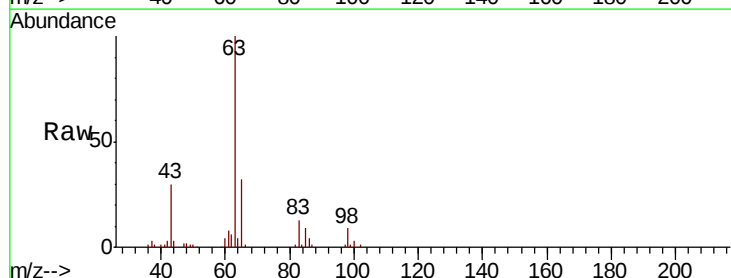
Tgt Ion: 63 Resp: 72271

Ion Ratio Lower Upper

63 100

98 8.9 4.0 11.9

100 3.4 2.6 8.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.04

30000

25000

20000

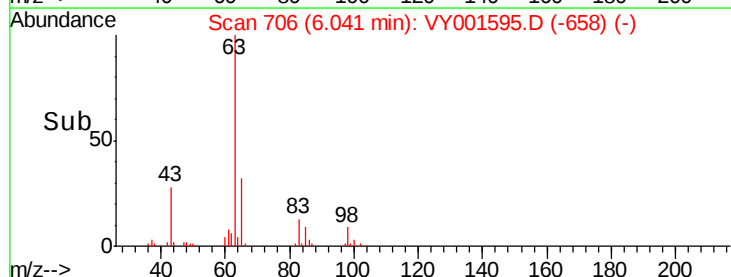
15000

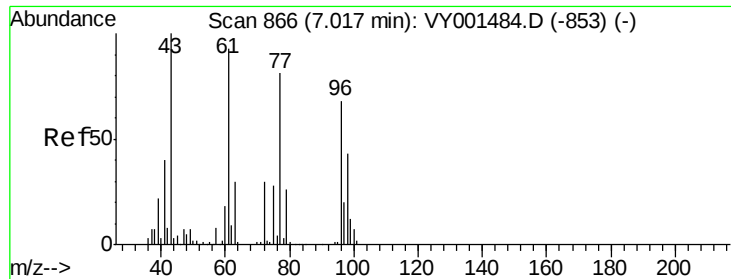
10000

5000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 112.412 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

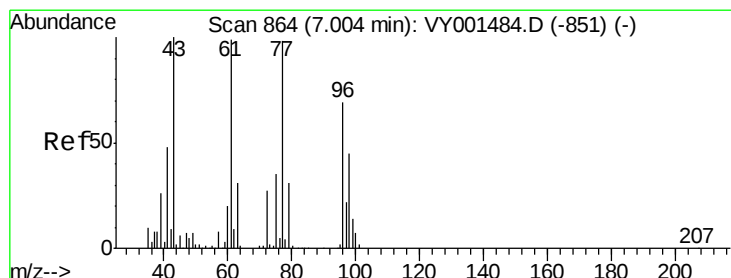
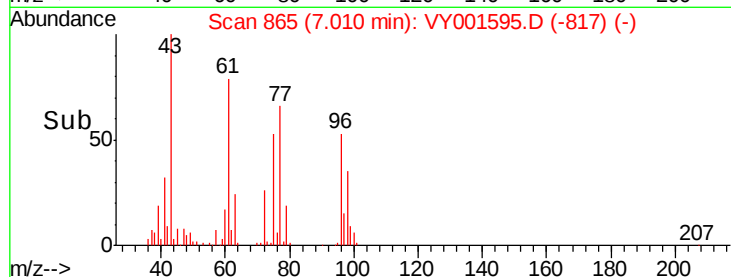
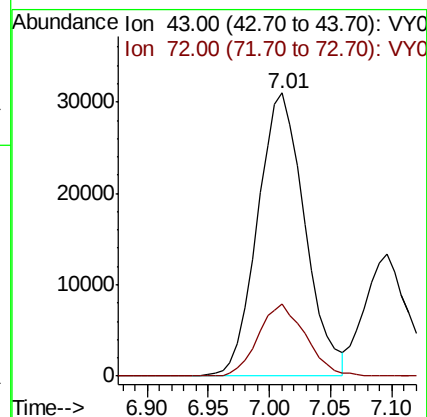
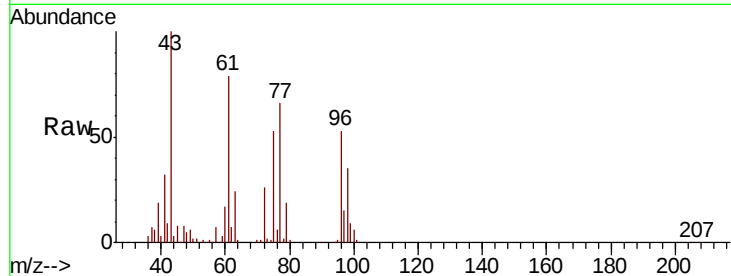
ClientSampled :

Tot Ion: 43 Resp: 83351

Ion Ratio Lower Upper

43 100

72 25.5 23.8 35.8



#26

2,2-Dichloropropane

Concen: 17.750 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY001595.D

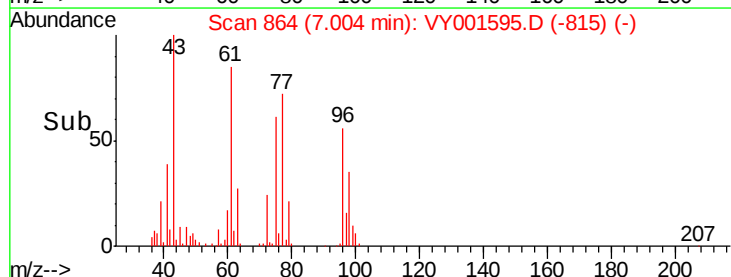
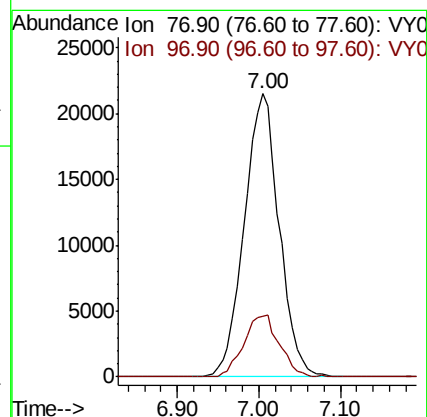
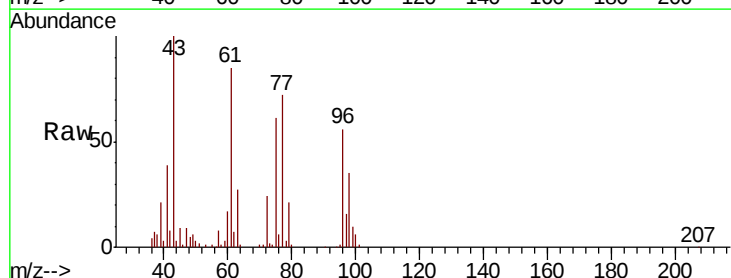
Acq: 11 Feb 2020 11:59

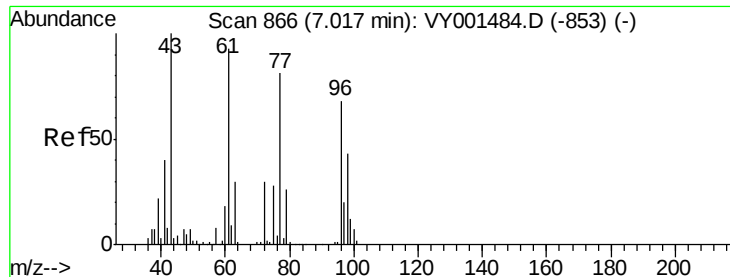
Tgt Ion: 77 Resp: 63896

Ion Ratio Lower Upper

77 100

97 22.3 11.7 35.0



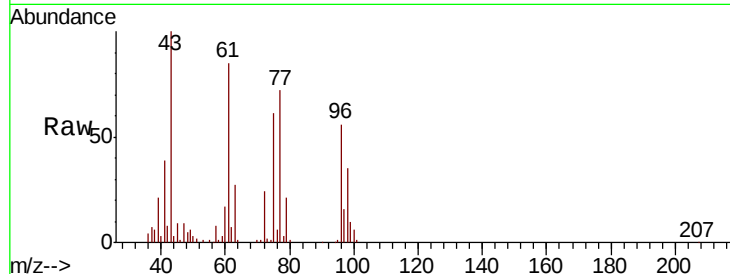


#27

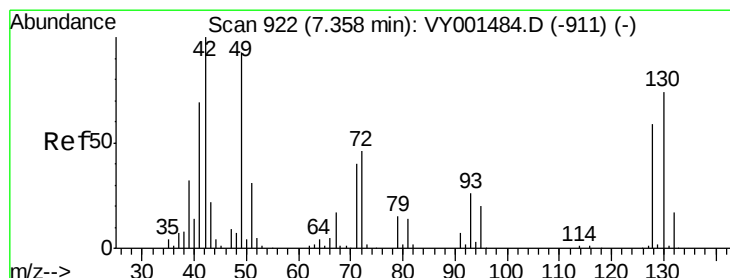
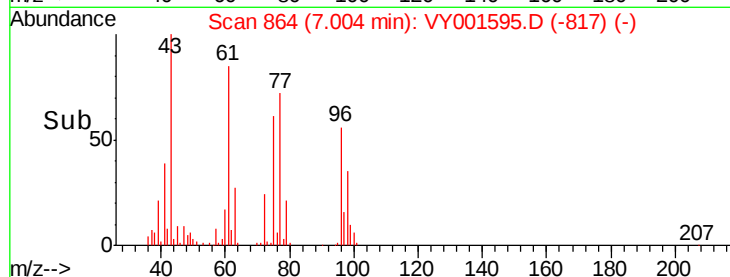
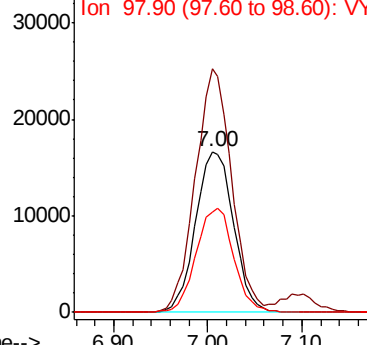
cis-1,2-Dichloroethene
Concen: 18.619 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 46645
Ion Ratio Lower Upper
96 100
61 146.4 0.0 278.8
98 64.4 0.0 128.8



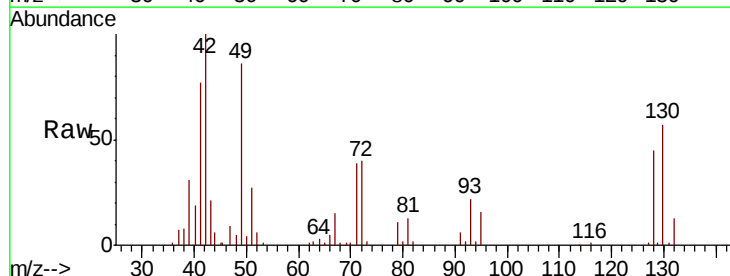
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



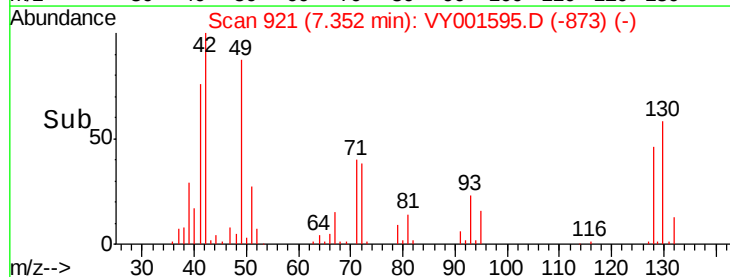
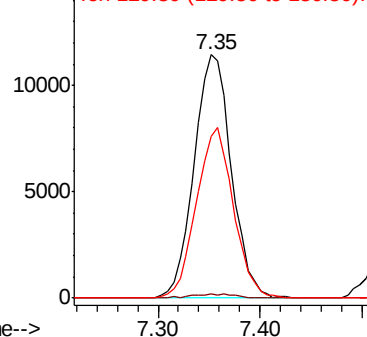
#28

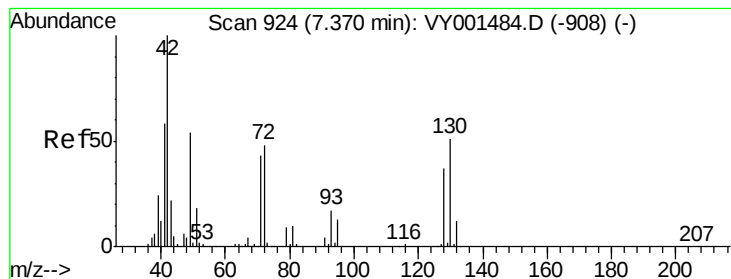
Bromochloromethane
Concen: 22.627 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion: 49 Resp: 28993
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.8
130 69.7 65.4 98.2



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





#29

Tetrahydrofuran

Concen: 113.030 ug/l

RT: 7.36 min Scan# 923

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampled :

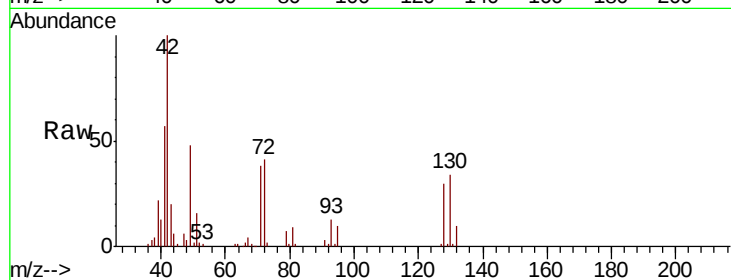
Tot Ion: 42 Resp: 50233

Ion Ratio Lower Upper

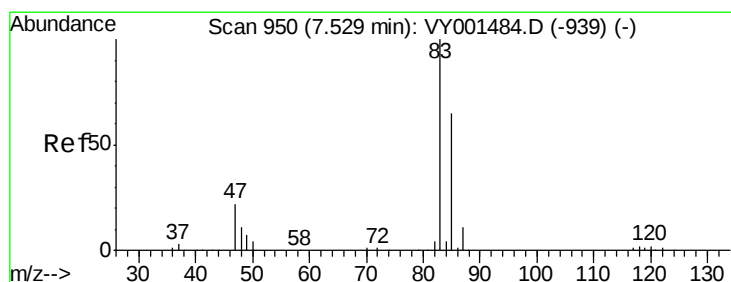
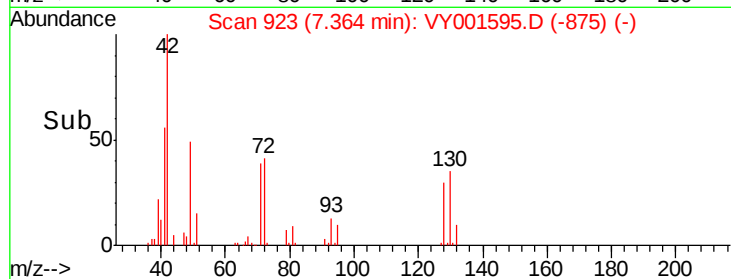
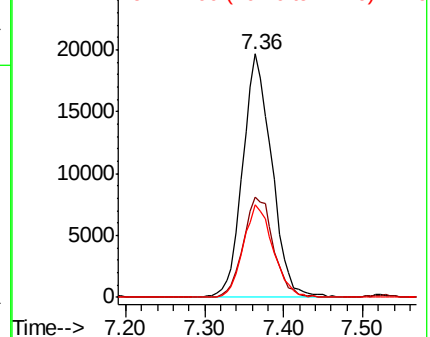
42 100

72 42.6 37.8 56.6

71 39.0 34.8 52.2



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: 18.273 ug/l

RT: 7.53 min Scan# 950

Delta R.T. 0.00 min

Lab File: VY001595.D

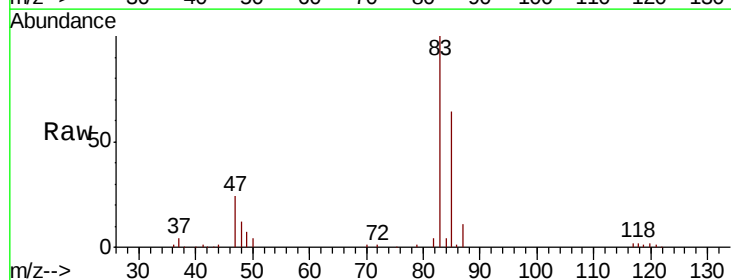
Acq: 11 Feb 2020 11:59

Tgt Ion: 83 Resp: 69619

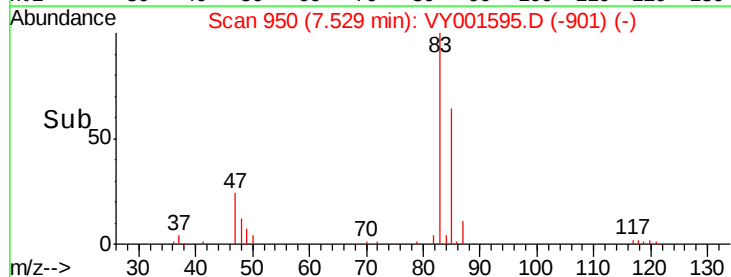
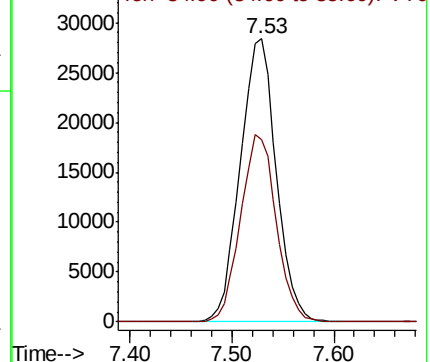
Ion Ratio Lower Upper

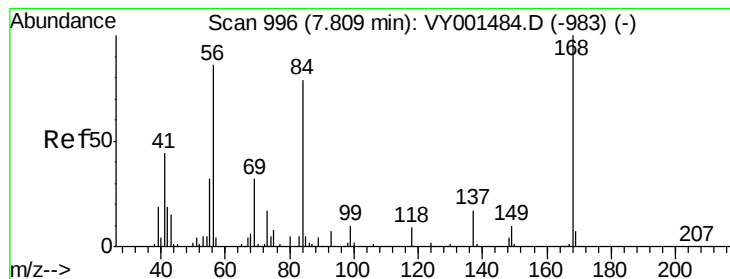
83 100

85 64.2 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: 19.934 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampled :

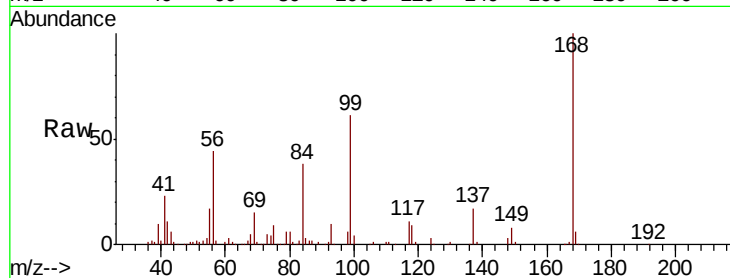
Tot Ion: 56 Resp: 76693

Ion Ratio Lower Upper

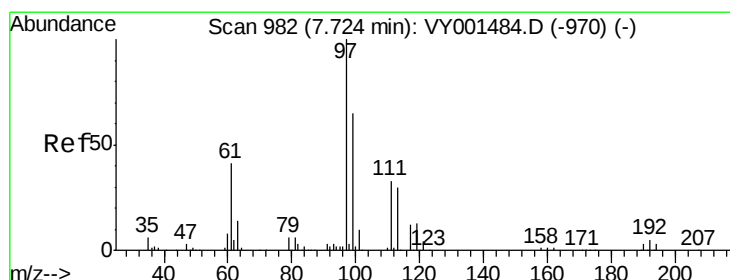
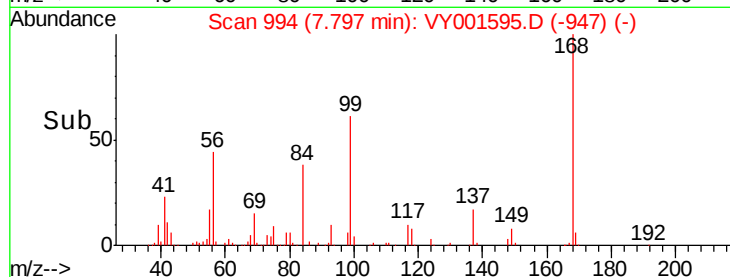
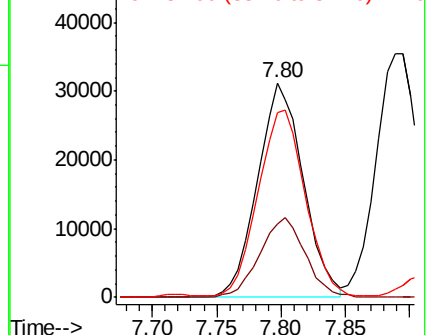
56 100

69 33.6 29.6 44.4

84 85.7 73.6 110.4



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



#32

1,1,1-Trichloroethane

Concen: 17.653 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

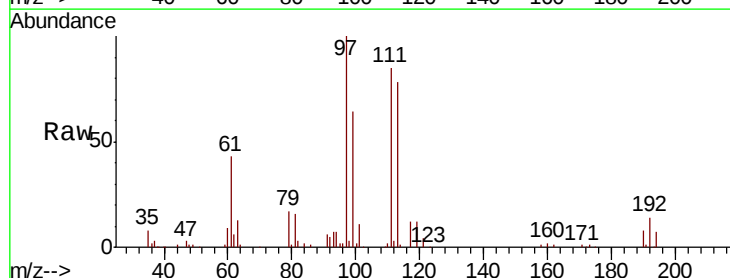
Tgt Ion: 97 Resp: 60978

Ion Ratio Lower Upper

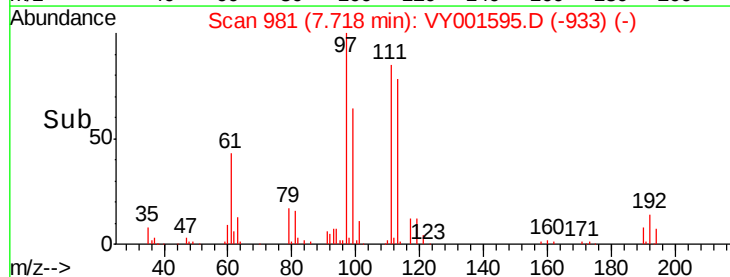
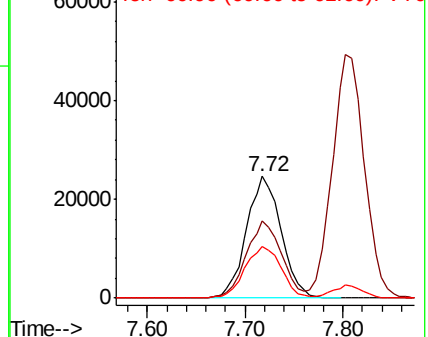
97 100

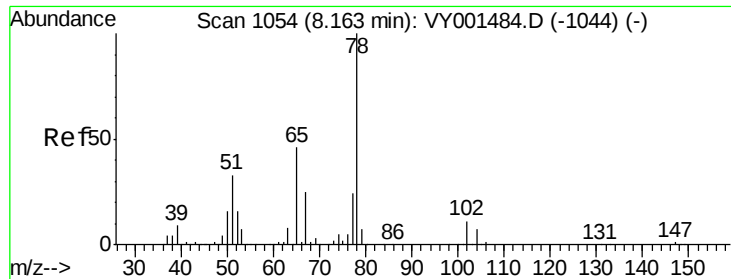
99 64.3 51.8 77.8

61 44.7 32.5 48.7



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





#33

1,2-Dichloroethane-d4

Concen: 51.835 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

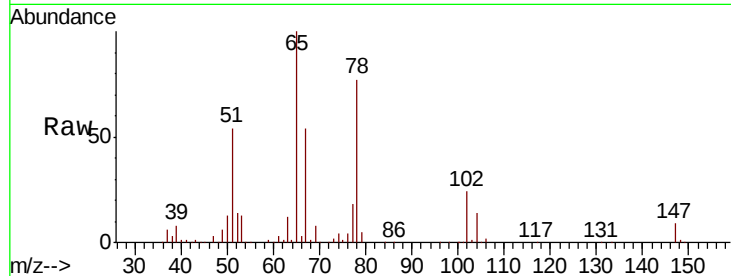
ClientSampleId :

Tot Ion: 65 Resp: 102419

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001484.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001484.D (-1044) (-)

8.16

50000

40000

30000

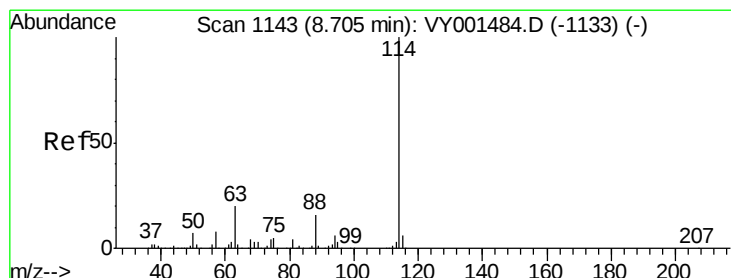
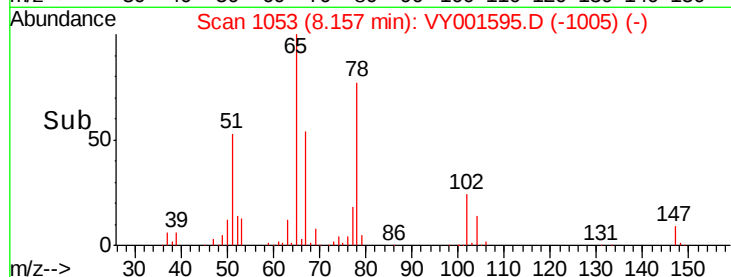
20000

10000

0

Time-->

8.05 8.10 8.15 8.20 8.25



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

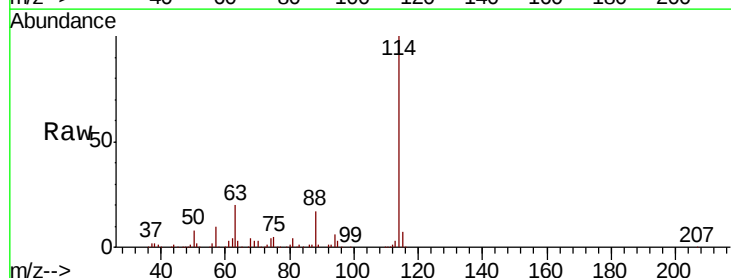
Tgt Ion: 114 Resp: 345304

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

88 16.7 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VY001484.D (-1133) (-)

Ion 63.00 (62.70 to 63.70): VY001484.D (-1133) (-)

Ion 87.90 (87.60 to 88.60): VY001484.D (-1133) (-)

8.70

200000

150000

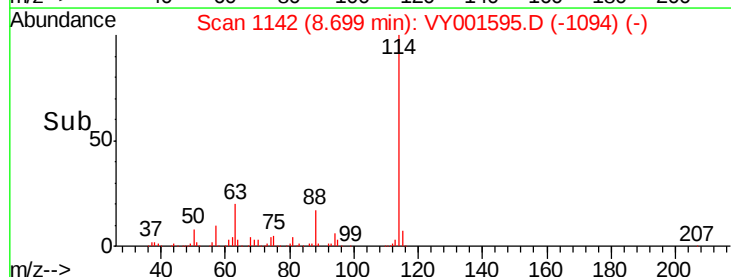
100000

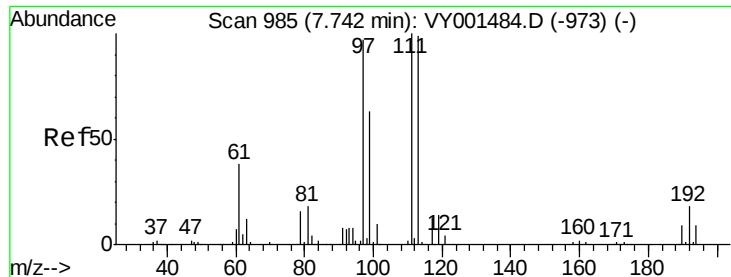
50000

0

Time-->

8.60 8.70 8.80

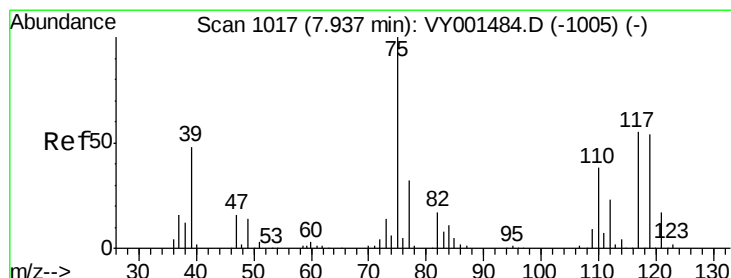
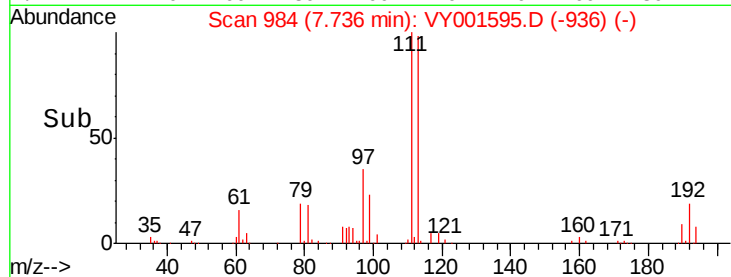
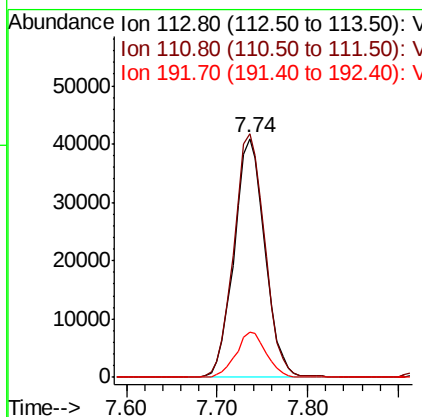
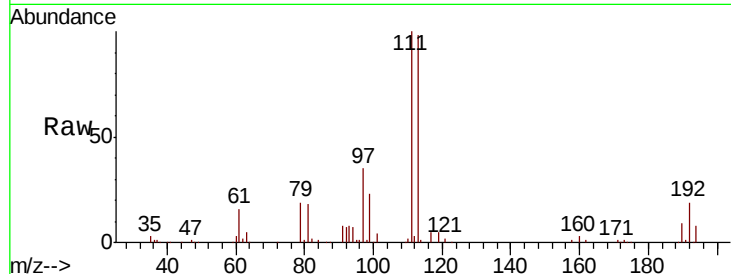




#35
 Dibromofluoromethane
 Concen: 48.317 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

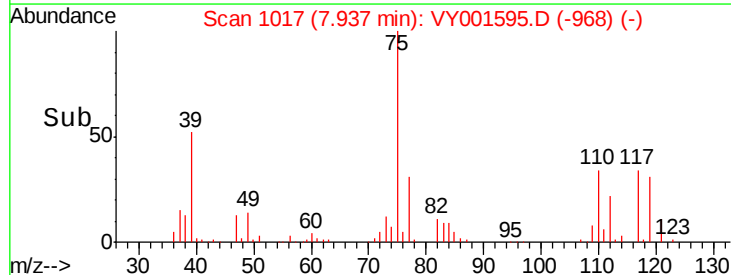
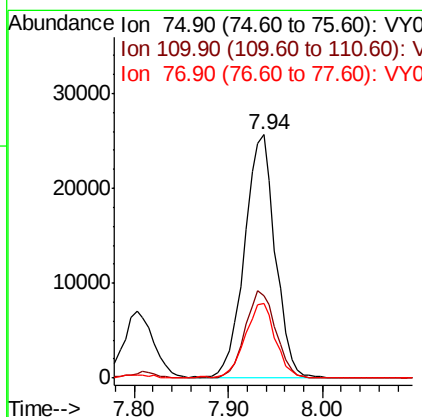
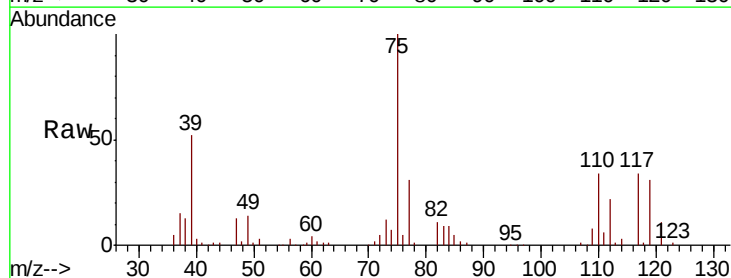
Instrument :
 MSVOA_Y
 ClientSampleId :

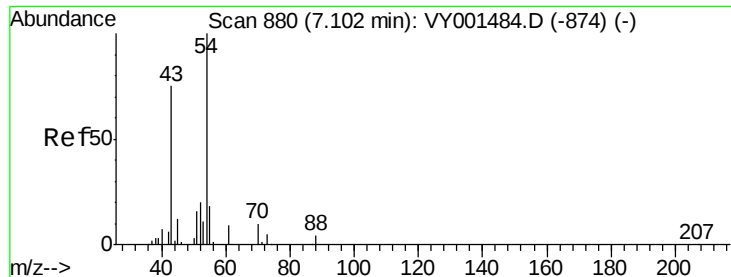
Tot Ion:113 Resp: 96209
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 18.7 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 18.626 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Tgt Ion: 75 Resp: 58837
 Ion Ratio Lower Upper
 75 100
 110 35.6 18.2 54.6
 77 30.7 25.0 37.4

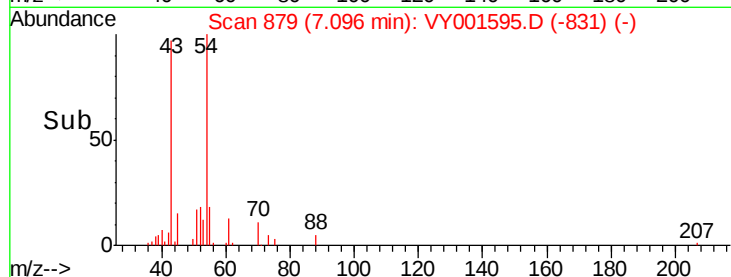
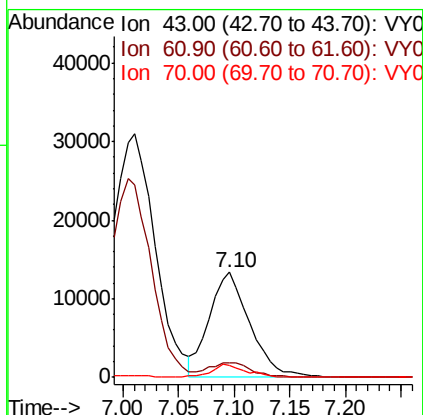
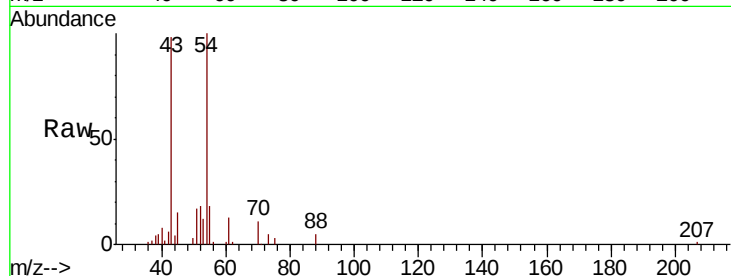




#37
Ethyl Acetate
Concen: 22.031 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

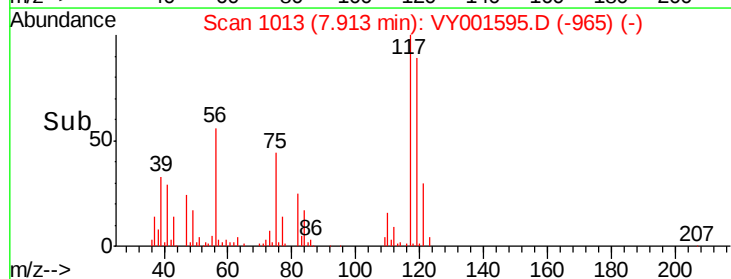
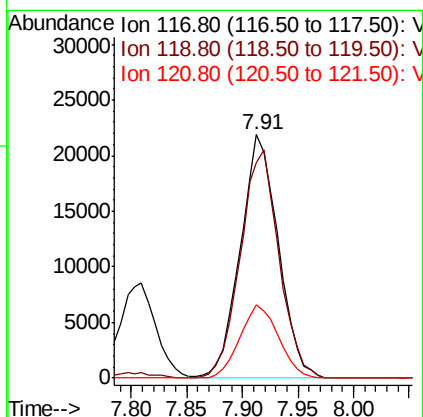
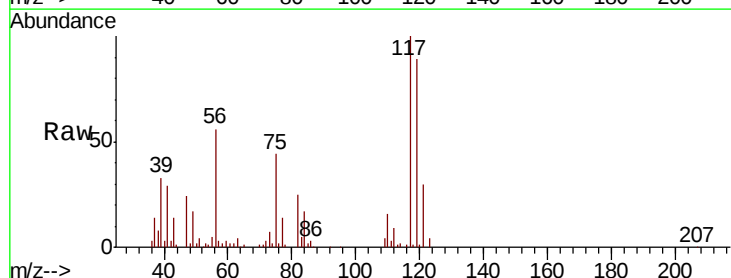
Instrument :
MSVOA_Y
ClientSampleId :

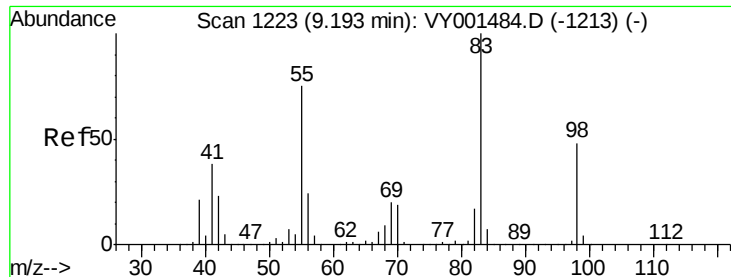
Tot Ion: 43 Resp: 33690
Ion Ratio Lower Upper
43 100
61 14.7 12.0 18.0
70 10.4 10.2 15.4



#38
Carbon Tetrachloride
Concen: 16.955 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion: 117 Resp: 51819
Ion Ratio Lower Upper
117 100
119 88.7 76.4 114.6
121 30.1 24.2 36.4

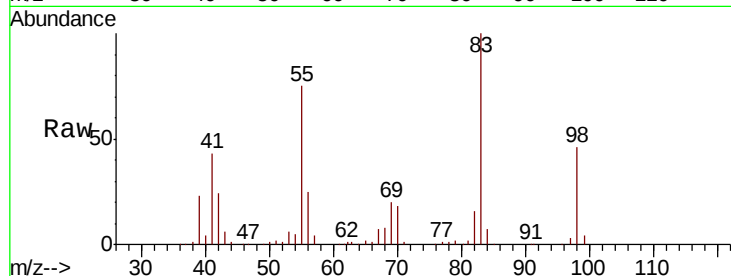




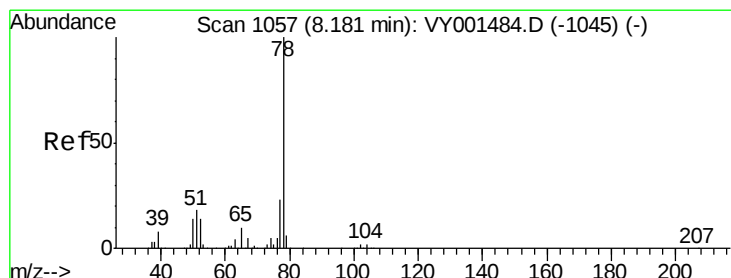
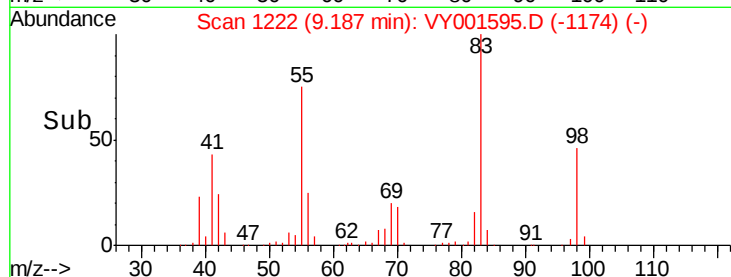
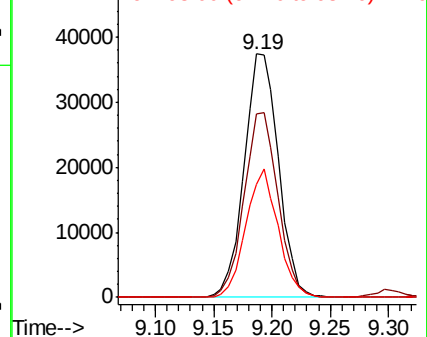
#39
Methvlcvclohexane
Concen: 18.492 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 76916
Ion Ratio Lower Upper
83 100
55 75.2 59.8 89.6
98 46.4 38.6 57.8

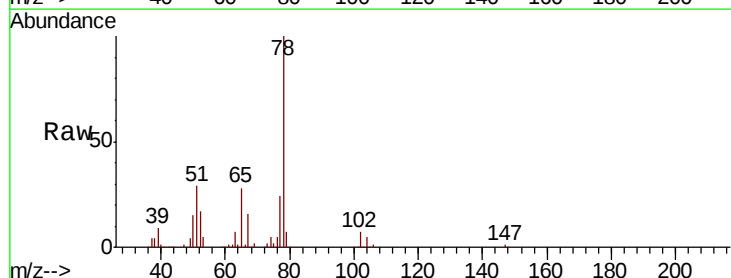


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

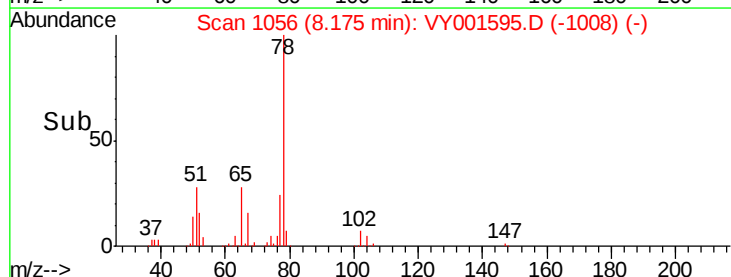
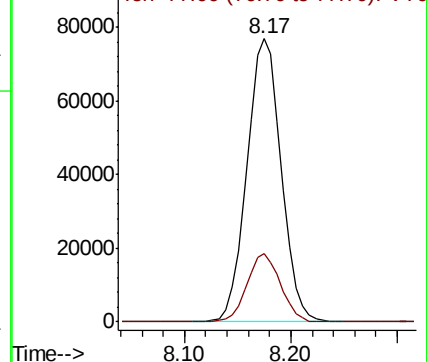


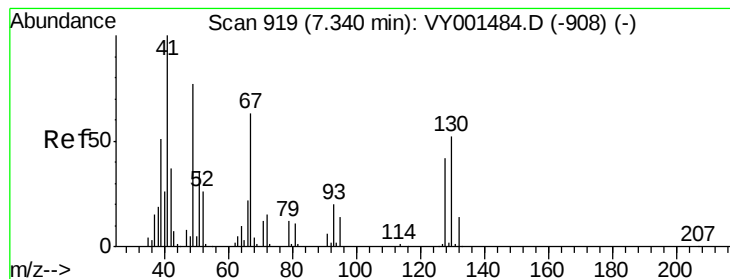
#40
Benzene
Concen: 19.202 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion: 78 Resp: 173011
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7



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





#41

Methacrylonitrile

Concen: 65.668 ug/l

RT: 7.36 min Scan# 923

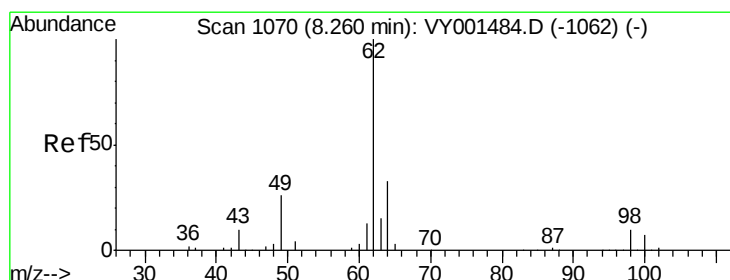
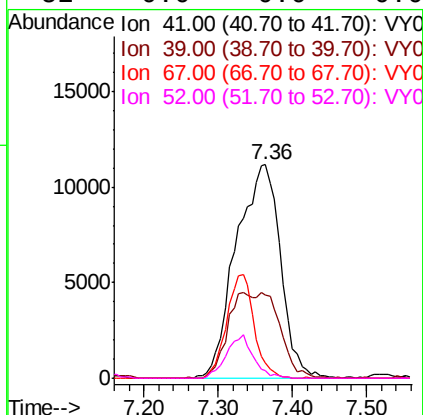
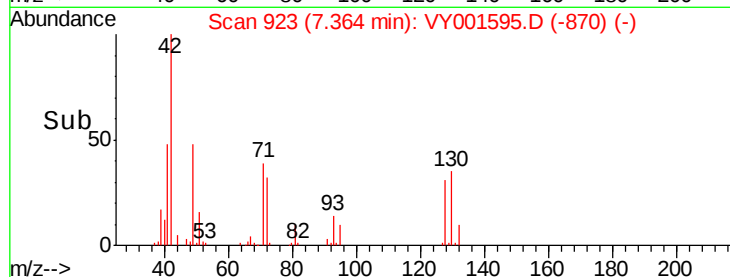
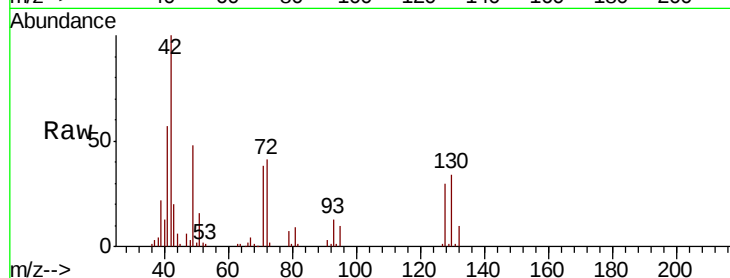
Delta R.T. 0.03 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	46541
Ion	Ratio	Lower	Upper
41	100		
39	0.0	116.8	175.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42

1,2-Dichloroethane

Concen: 18.645 ug/l

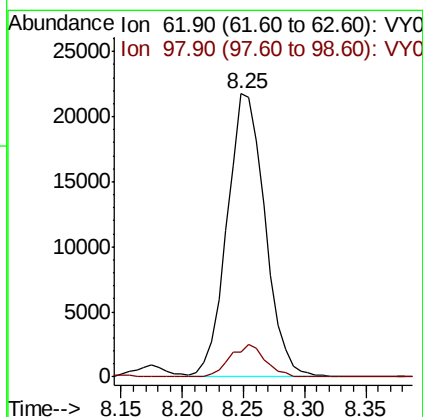
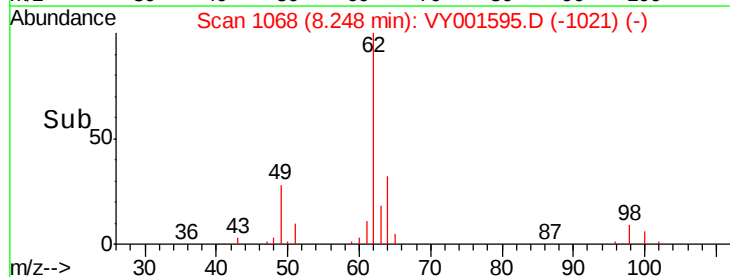
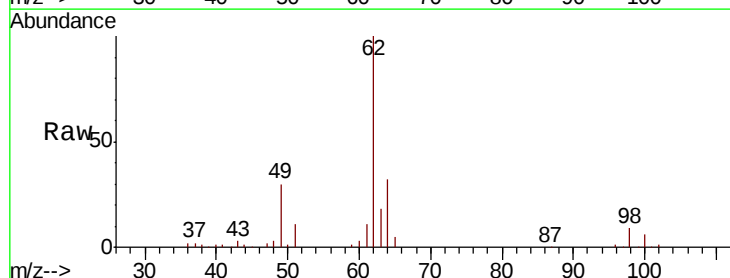
RT: 8.25 min Scan# 1068

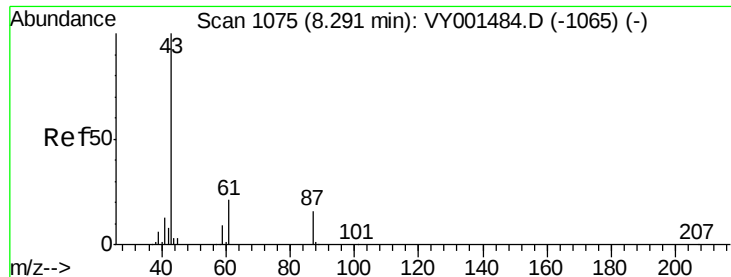
Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Tgt Ion:	62	Resp:	46803
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.0





#43

Isopropyl Acetate

Concen: 21.748 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

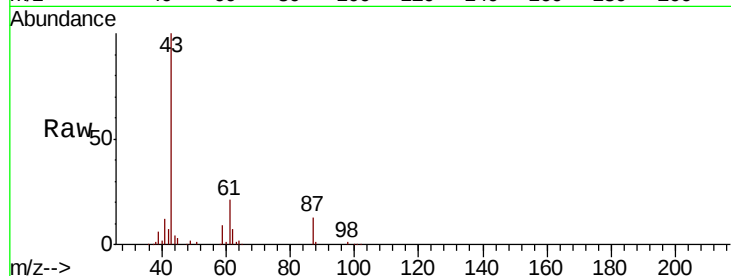
Tot Ion: 43 Resp: 65847

Ion Ratio Lower Upper

43 100

61 28.9 25.1 37.7

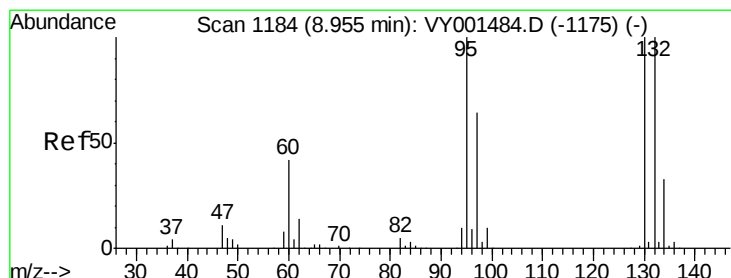
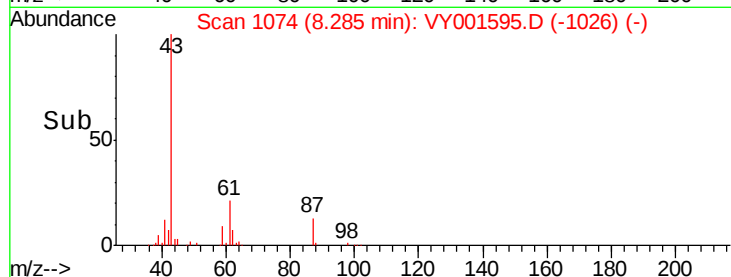
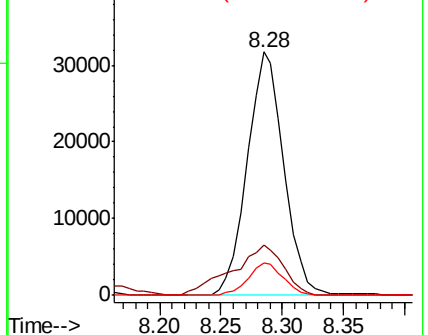
87 13.1 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY001595.D (-1074) (-)

Ion 61.00 (60.70 to 61.70): VY001595.D (-1074) (-)

Ion 87.00 (86.70 to 87.70): VY001595.D (-1074) (-)



#44

Trichloroethene

Concen: 17.932 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY001595.D

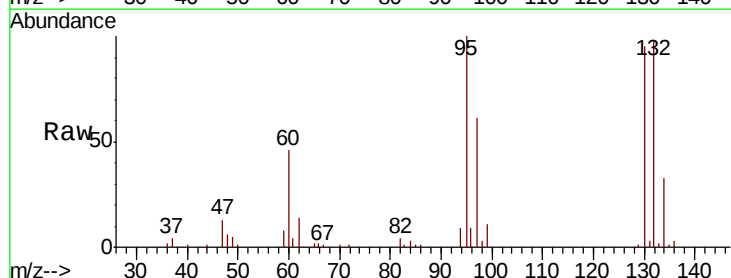
Acq: 11 Feb 2020 11:59

Tgt Ion: 130 Resp: 43551

Ion Ratio Lower Upper

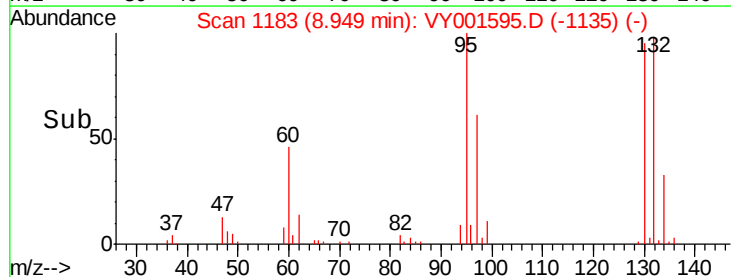
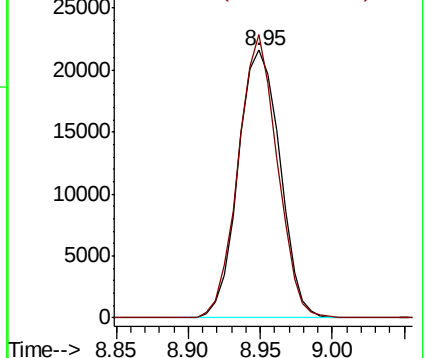
130 100

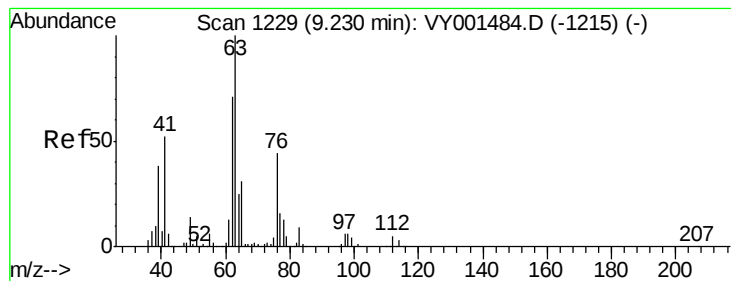
95 105.7 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): VY001595.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY001595.D (-1183) (-)





#45

1,2-Dichloropropane

Concen: 20.277 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

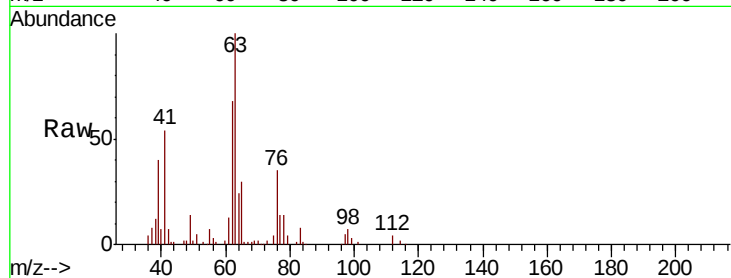
ClientSampleId :

Tot Ion: 63 Resp: 44118

Ion Ratio Lower Upper

63 100

65 30.0 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

25000

20000

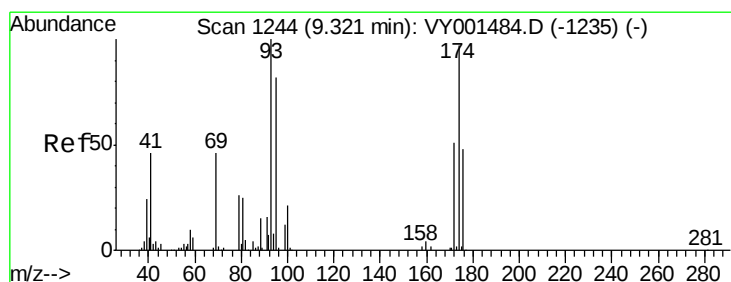
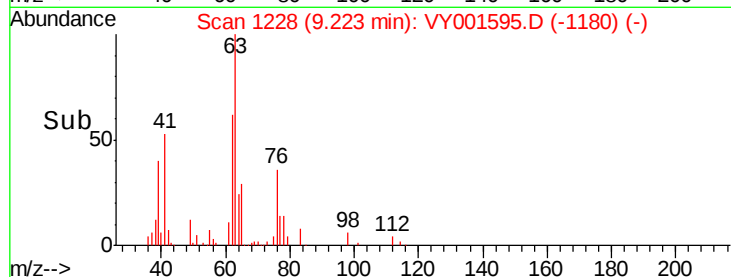
15000

10000

5000

0

Time--> 9.10 9.15 9.20 9.25 9.30



#46

Dibromomethane

Concen: 18.840 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

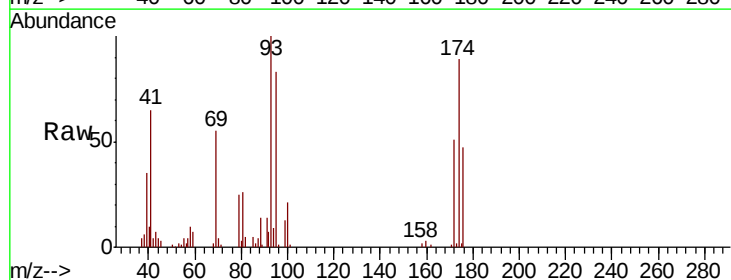
Tgt Ion: 93 Resp: 23017

Ion Ratio Lower Upper

93 100

95 83.0 66.6 99.8

174 91.9 75.4 113.2



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

9.31

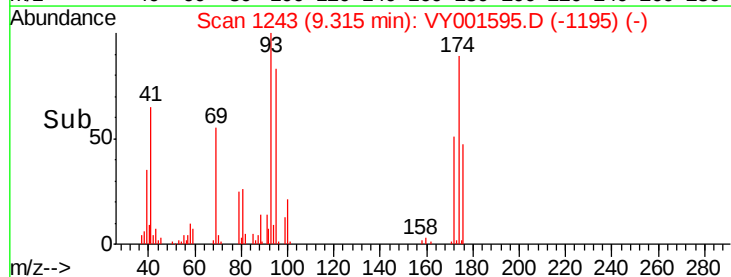
15000

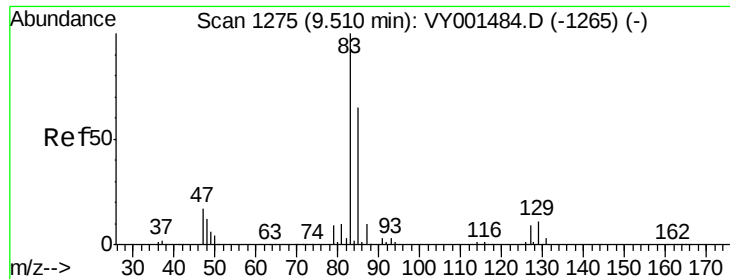
10000

5000

0

Time--> 9.25 9.30 9.35 9.40

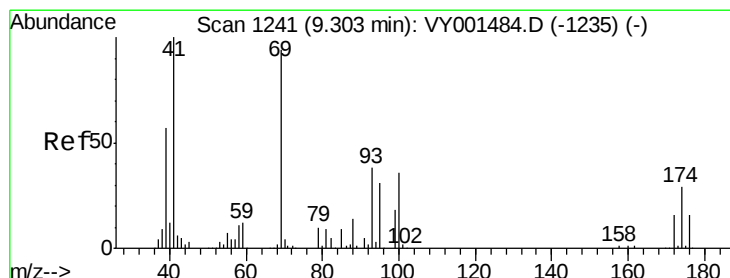
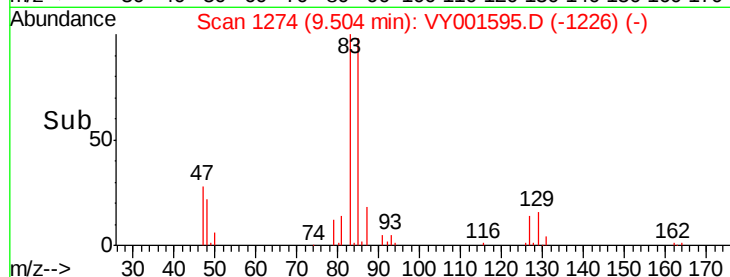
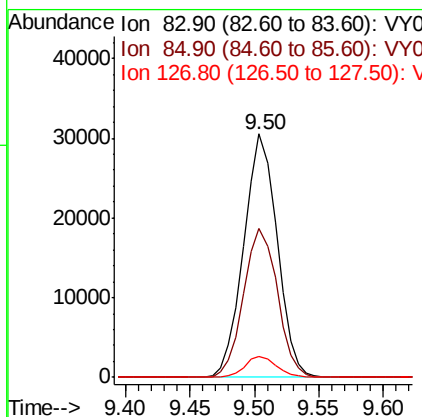
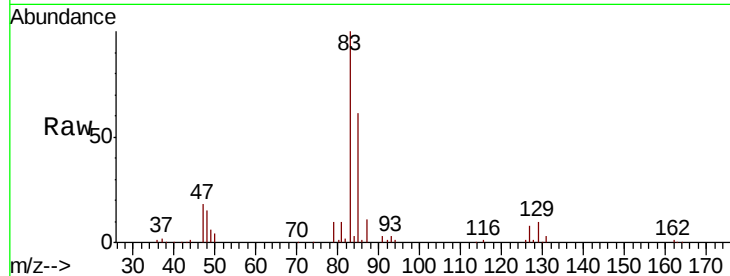




#47
Bromodichloromethane
Concen: 18.415 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

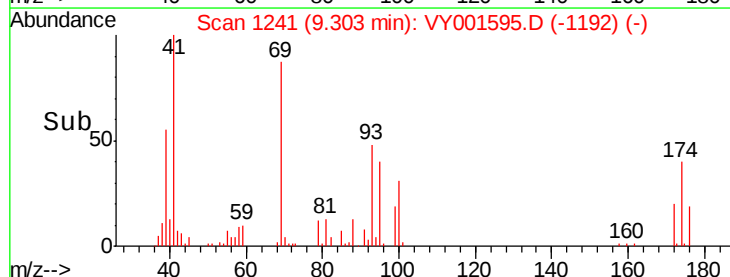
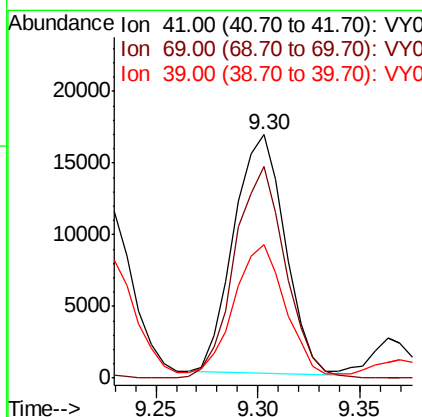
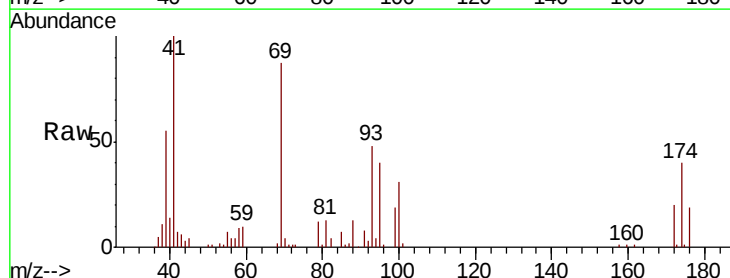
Instrument :
MSVOA_Y
ClientSampleId :

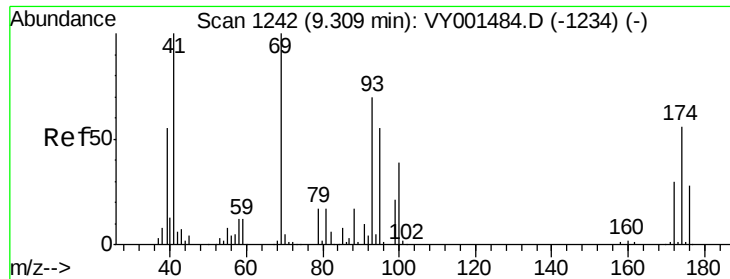
Tot Ion	83	Resp	54817
Ion Ratio	100		
Lower	51.9		
Upper	77.9		
85	61.1		
127	8.4		
	6.9		
	10.3		



#48
Methyl methacrylate
Concen: 21.188 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion	41	Resp	29116
Ion Ratio	100		
Lower	76.6		
Upper	114.8		
69	87.9		
39	57.2		
	45.4		
	68.0		





#49

1,4-Dioxane

Concen: 366.600 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :

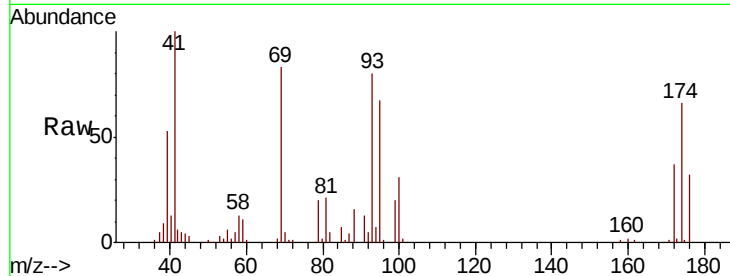
Tot Ion: 88 Resp: 5915

Ion Ratio Lower Upper

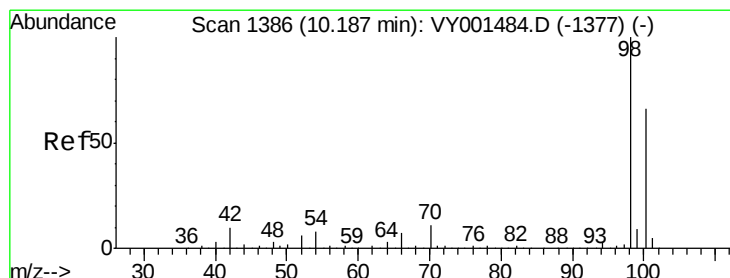
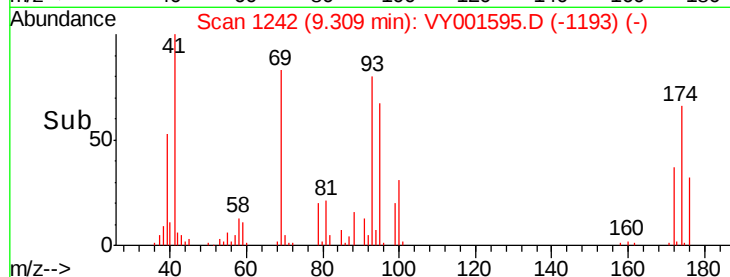
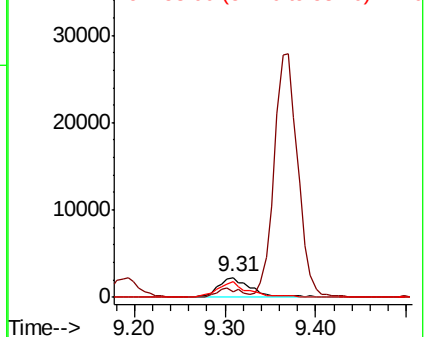
88 100

43 33.7 24.8 37.2

58 70.4 59.3 88.9



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: 52.636 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY001595.D

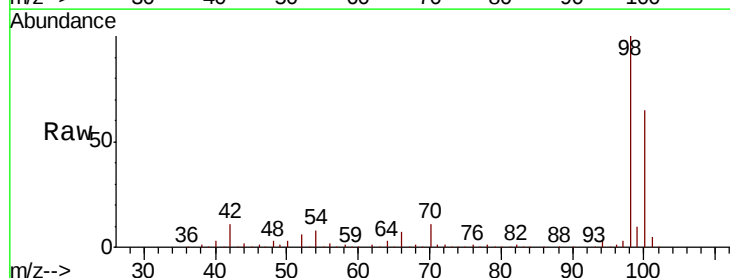
Acq: 11 Feb 2020 11:59

Tgt Ion: 98 Resp: 396535

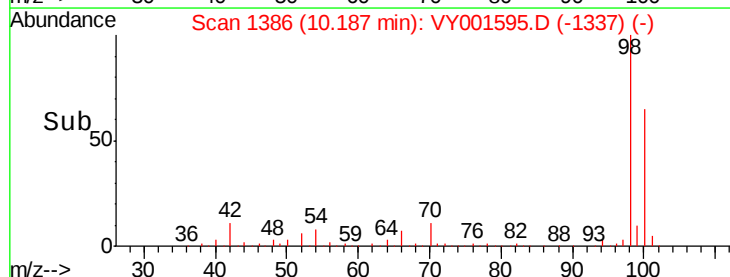
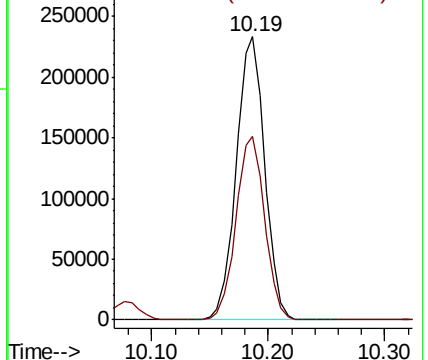
Ion Ratio Lower Upper

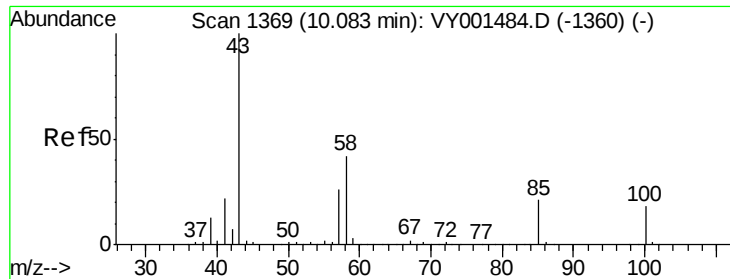
98 100

100 65.4 53.0 79.6



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





#51

4-Methyl-2-Pentanone

Concen: 112.823 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

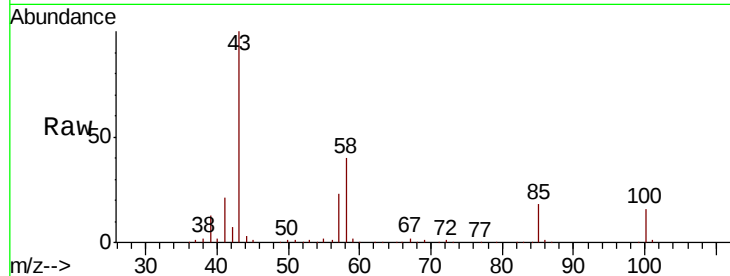
ClientSampled :

Tot Ion: 43 Resp: 168228

Ion Ratio Lower Upper

43 100

58 38.6 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY001484.D (-1360) (-)

10.08

80000

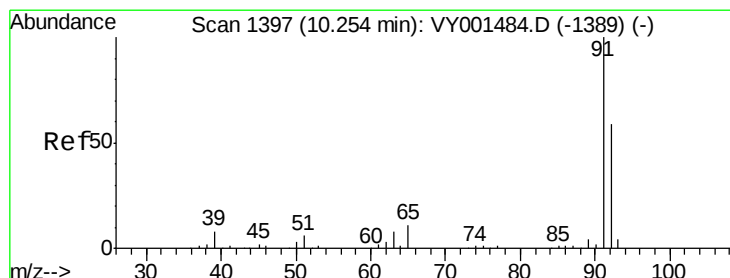
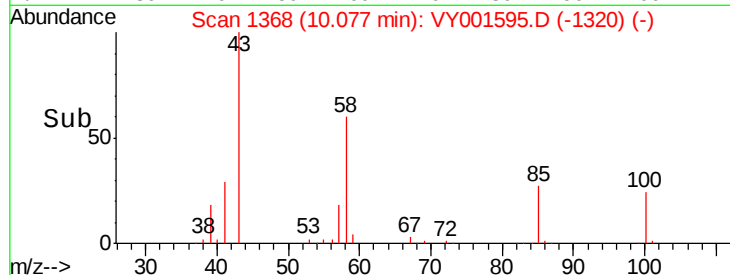
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 18.932 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001595.D

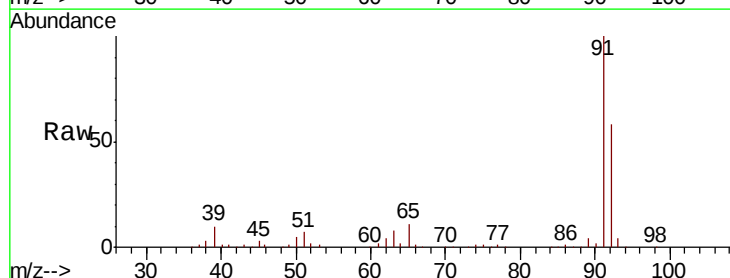
Acq: 11 Feb 2020 11:59

Tgt Ion: 92 Resp: 108233

Ion Ratio Lower Upper

92 100

91 172.4 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY001484.D (-1389) (-)

Ion 91.00 (90.70 to 91.70): VY001484.D (-1389) (-)

10.25

120000

100000

80000

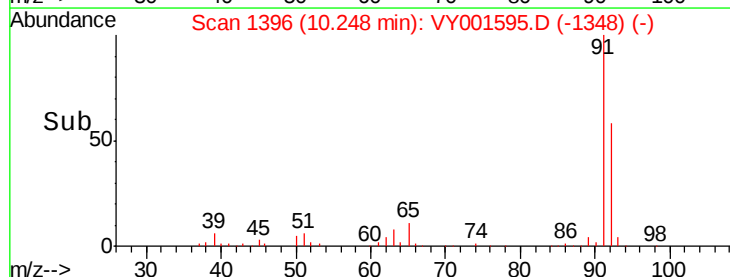
60000

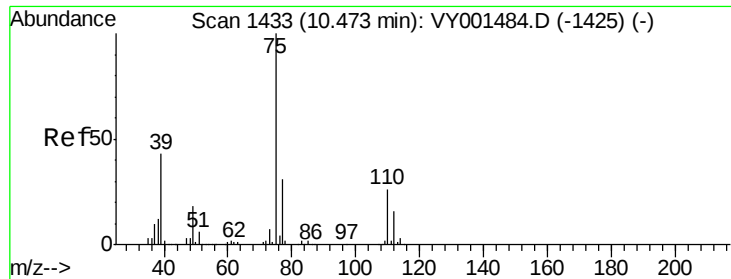
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.323 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

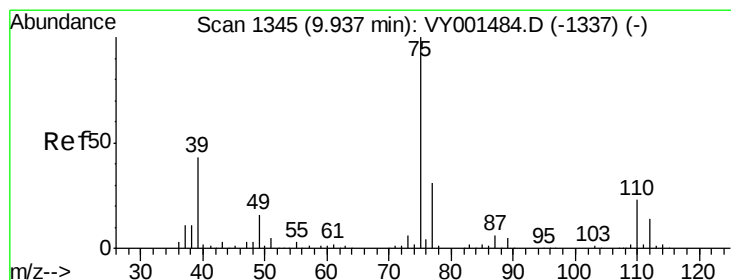
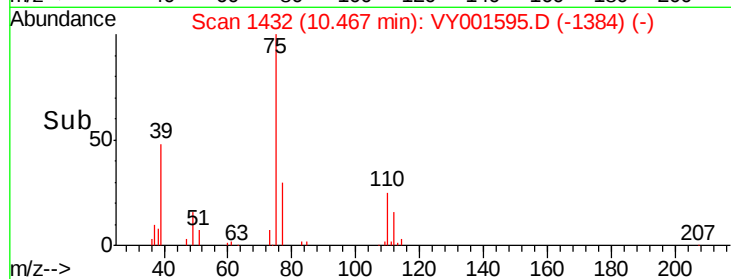
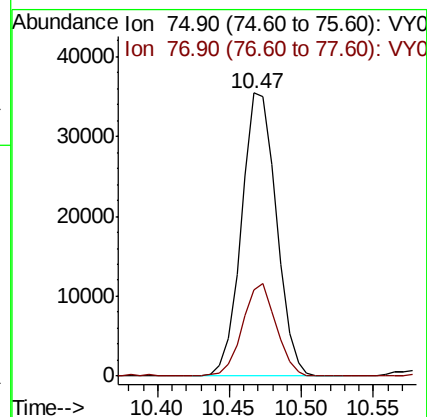
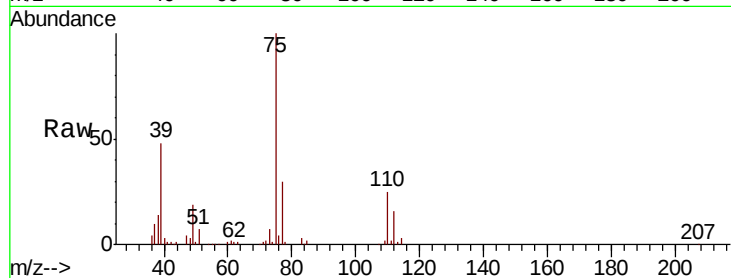
ClientSampleId :

Tot Ion: 75 Resp: 59409

Ion Ratio Lower Upper

75 100

77 30.5 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 18.710 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

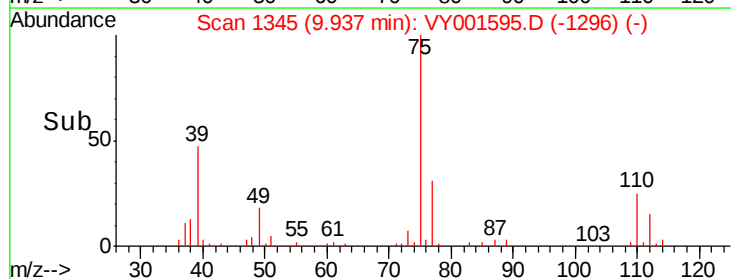
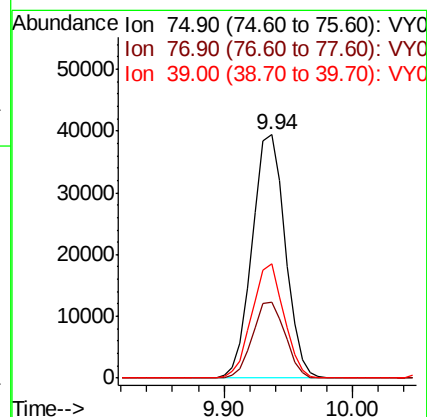
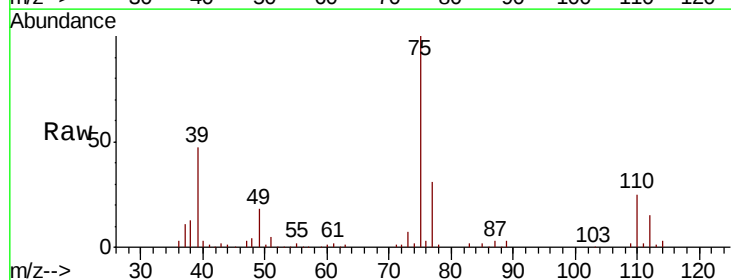
Tgt Ion: 75 Resp: 69643

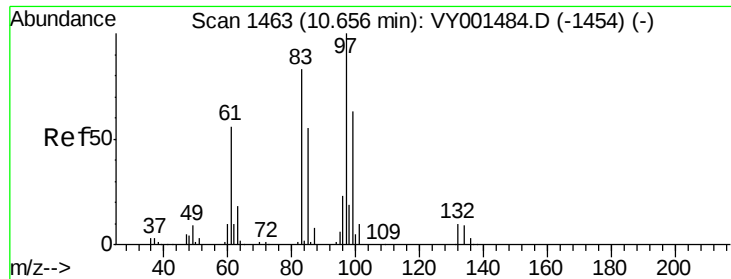
Ion Ratio Lower Upper

75 100

77 31.1 24.7 37.1

39 47.1 34.0 51.0

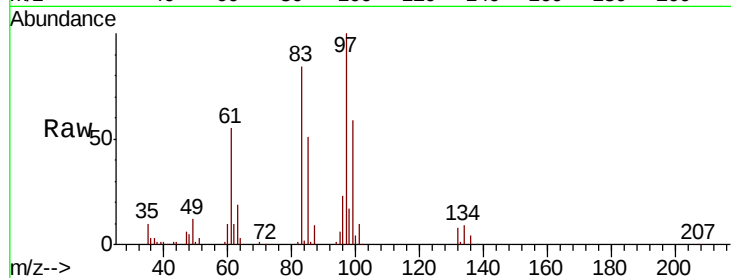




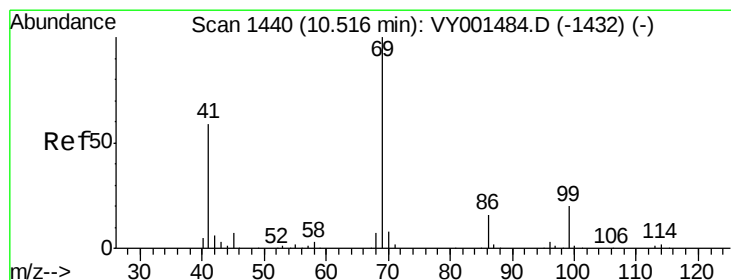
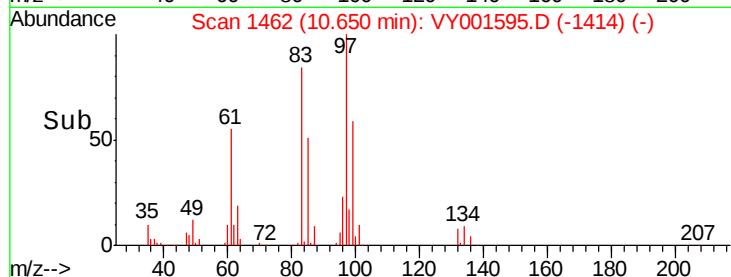
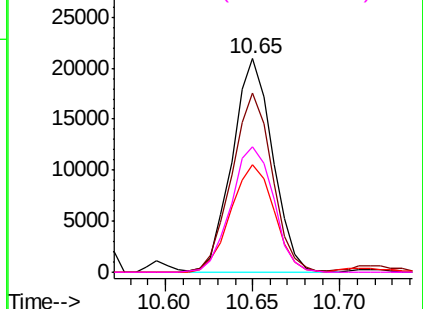
#55
 1,1,2-Trichloroethane
 Concen: 19.304 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:	97	Resp:	33837
Ion	Ratio	Lower	Upper
97	100		
83	83.8	66.2	99.2
85	50.2	43.8	65.6
99	58.8	50.1	75.1

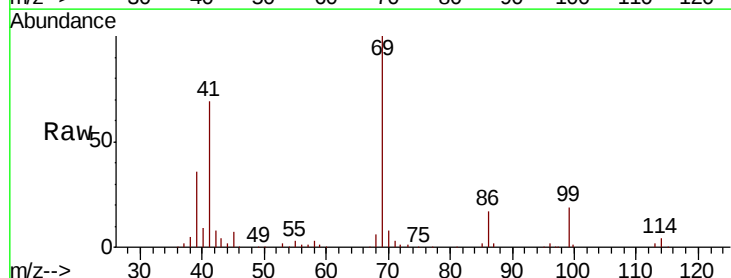


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

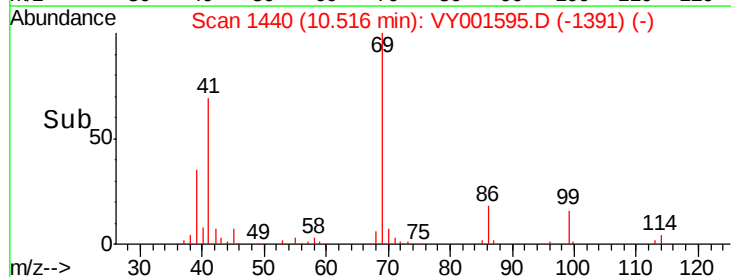
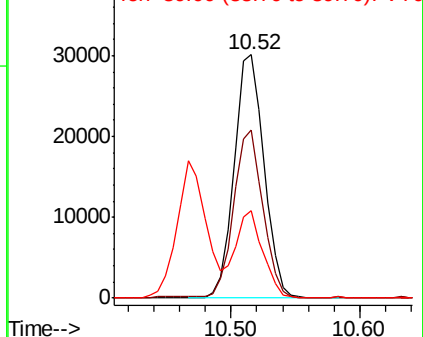


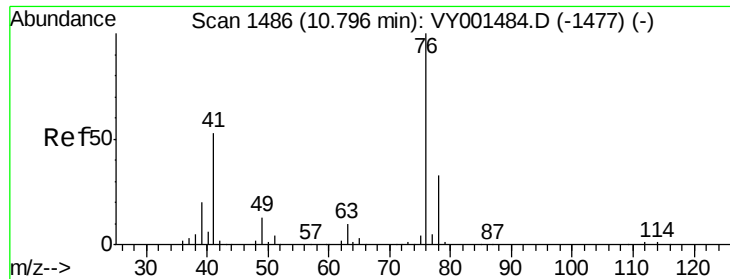
#56
 Ethyl methacrylate
 Concen: 19.436 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Tgt Ion:	69	Resp:	48457
Ion	Ratio	Lower	Upper
69	100		
41	67.1	47.8	71.8
39	34.1	24.4	36.6



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

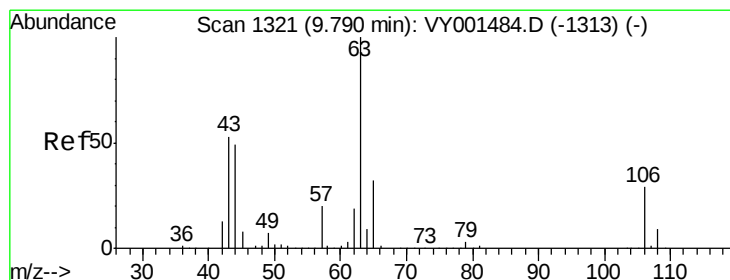
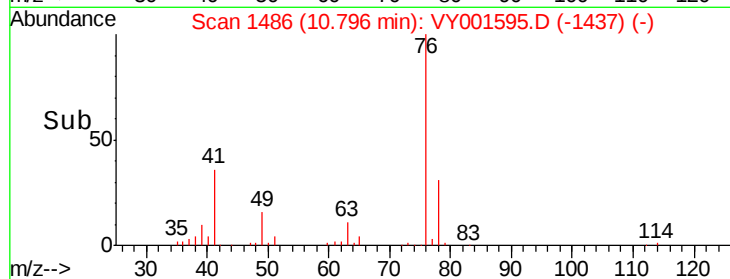
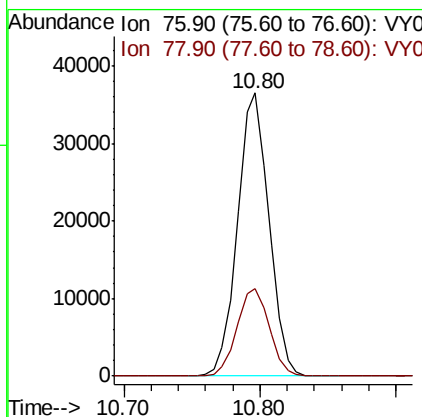
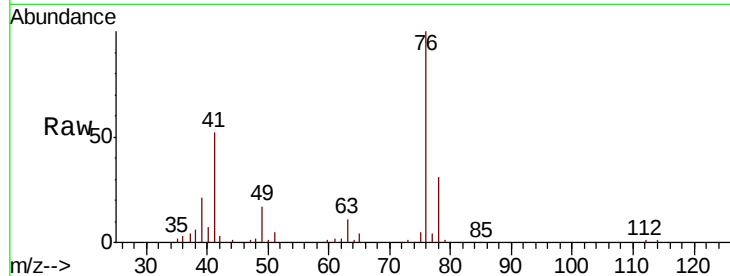




#57
 1,3-Dichloropropane
 Concen: 19.058 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

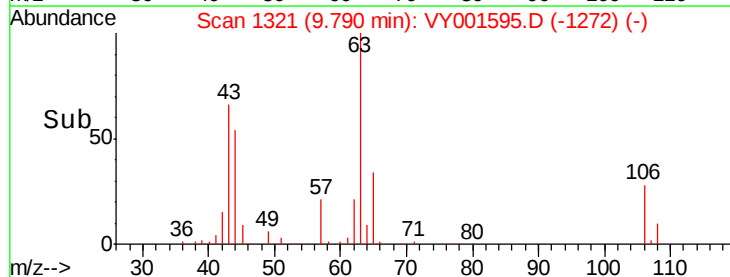
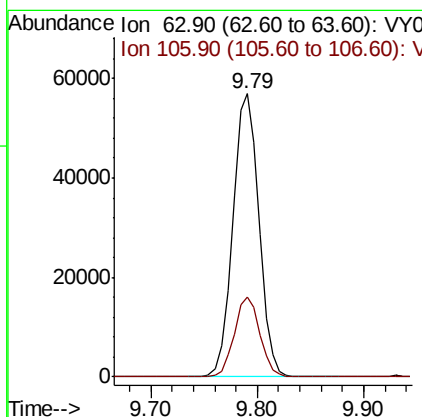
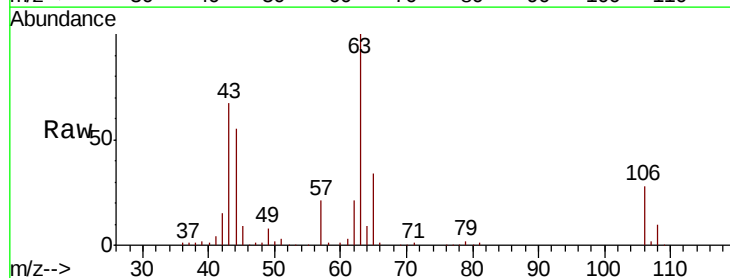
Instrument :
 MSVOA_Y
 ClientSampled :

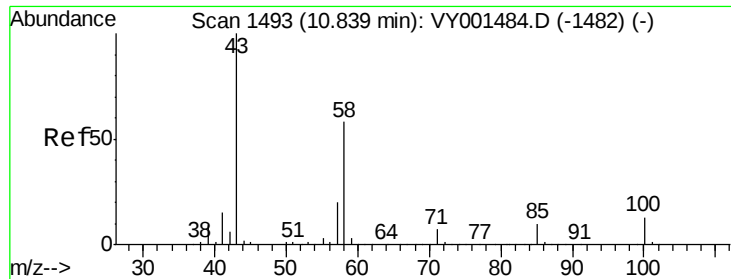
Tot Ion: 76 Resp: 58889
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.254 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Tgt Ion: 63 Resp: 97453
 Ion Ratio Lower Upper
 63 100
 106 27.8 24.0 36.0

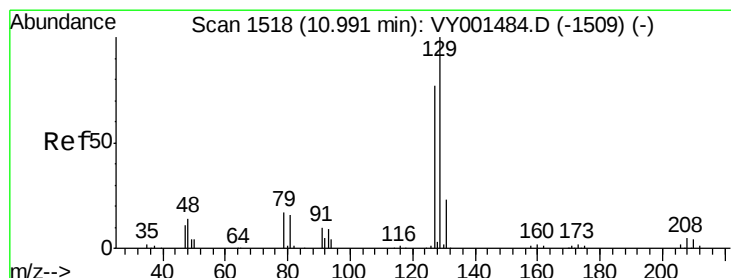
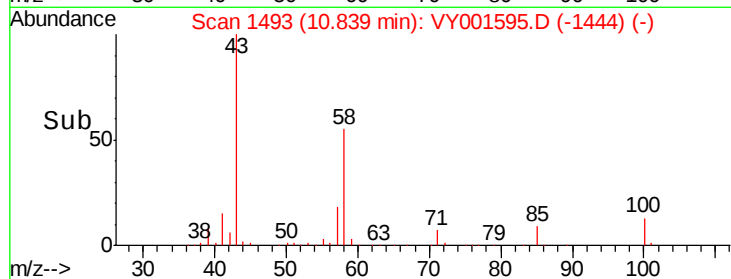
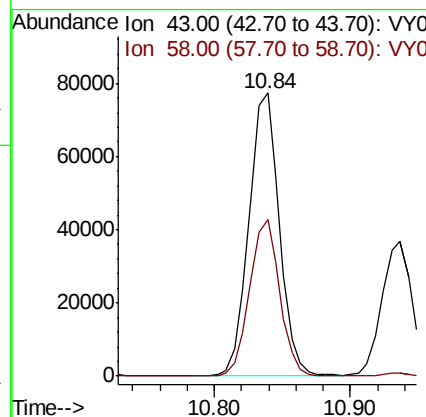
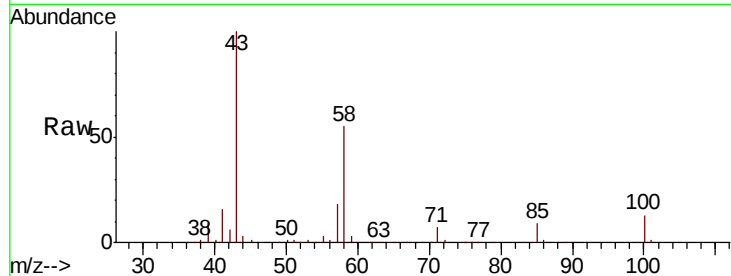




#59
2-Hexanone
Concen: 111.923 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

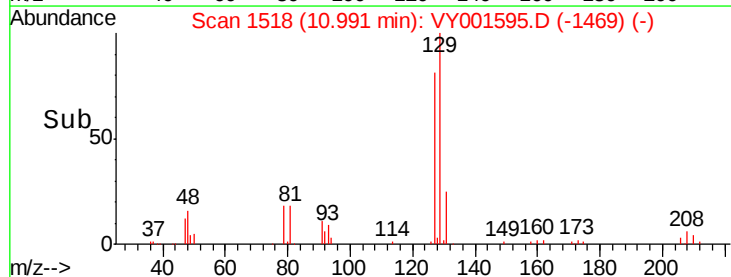
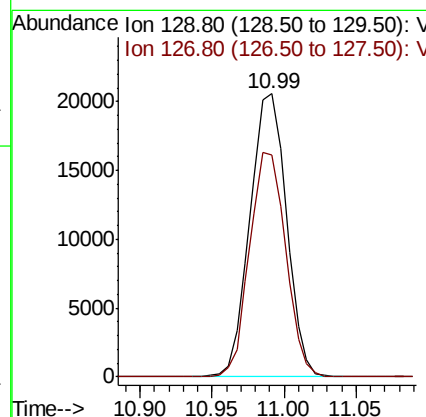
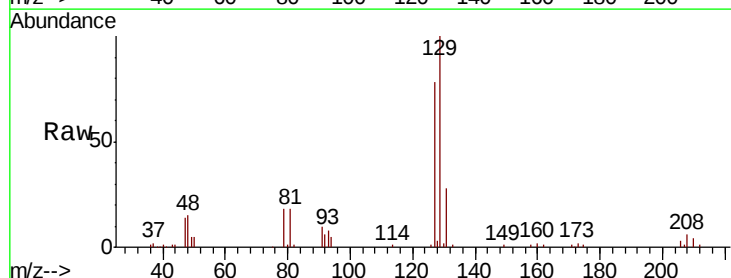
Instrument :
MSVOA_Y
ClientSampled :

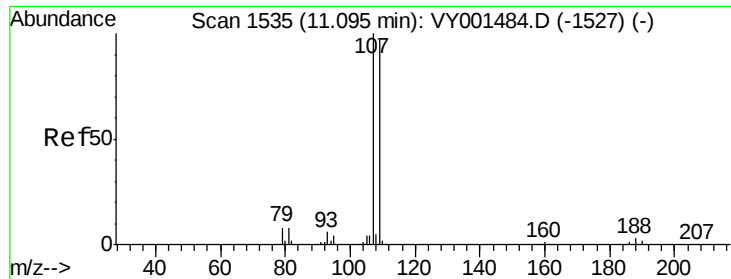
Tot Ion: 43 Resp: 121341
Ion Ratio Lower Upper
43 100
58 54.8 29.0 87.0



#60
Dibromochloromethane
Concen: 17.474 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion:129 Resp: 36105
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6

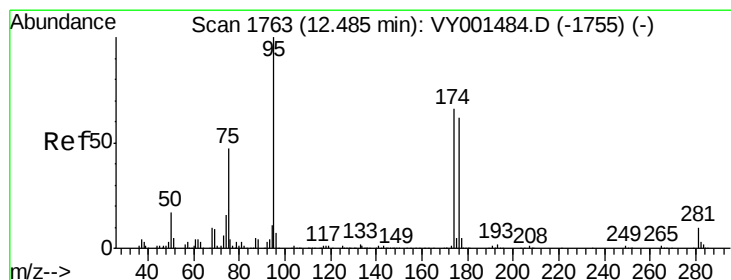
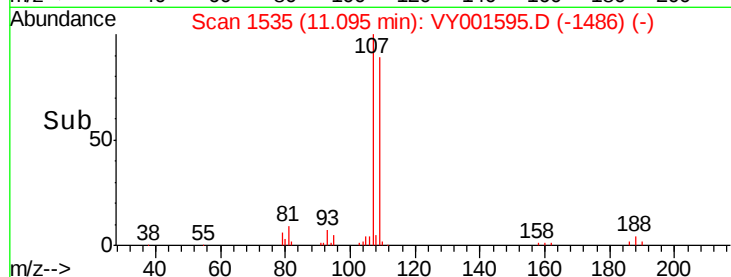
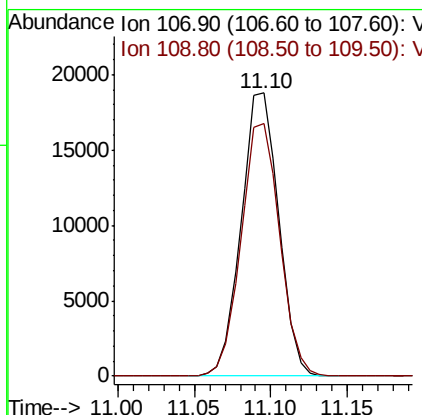
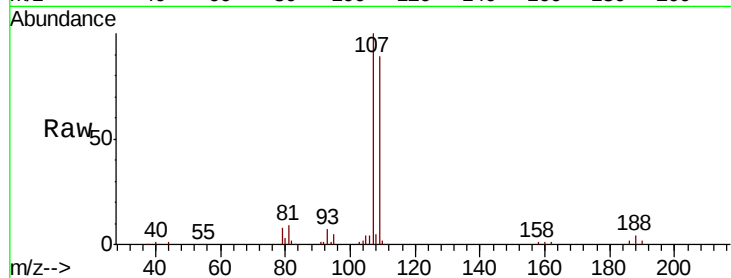




#61
 1,2-Dibromoethane
 Concen: 18.597 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

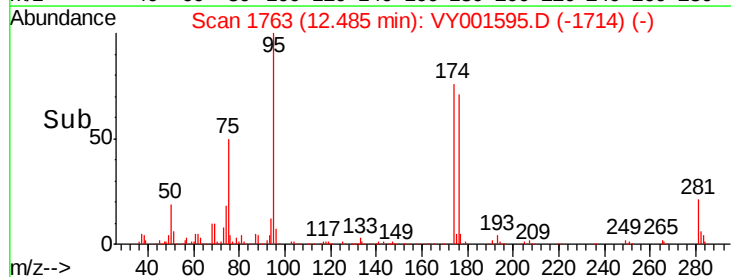
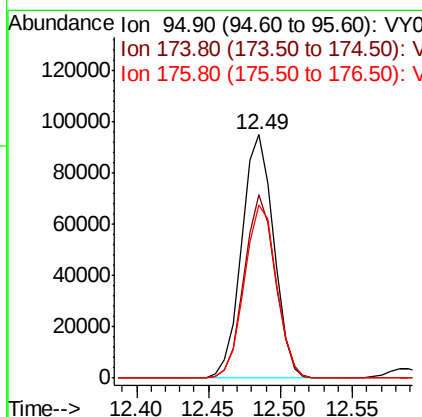
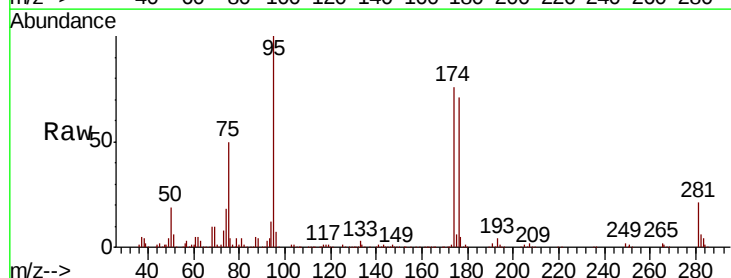
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:107 Resp: 32107
 Ion Ratio Lower Upper
 107 100
 109 91.8 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 49.158 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Tgt Ion: 95 Resp: 145892
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 141.4
 176 71.1 0.0 135.4

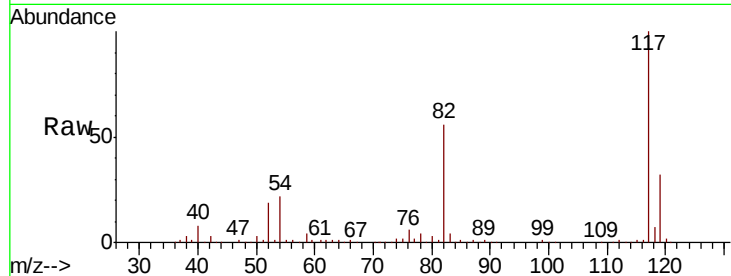




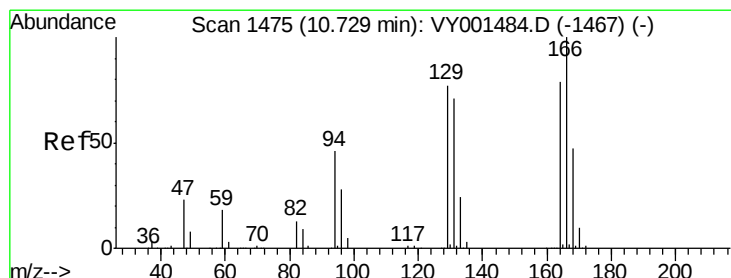
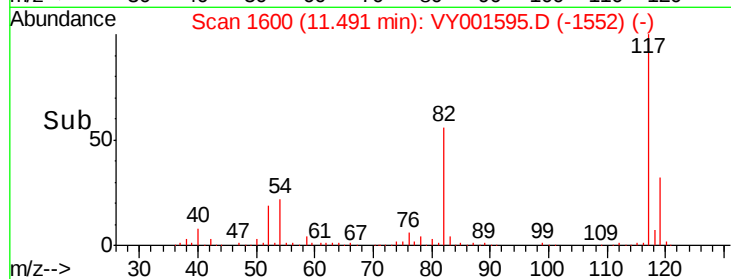
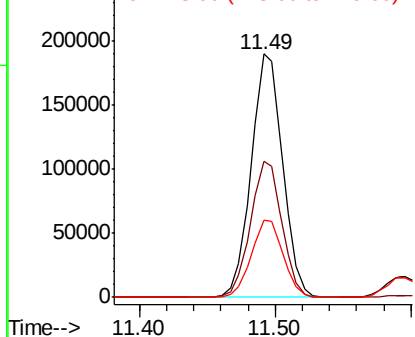
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 308172
Ion Ratio Lower Upper
117 100
82 56.0 46.1 69.1
119 31.7 26.1 39.1

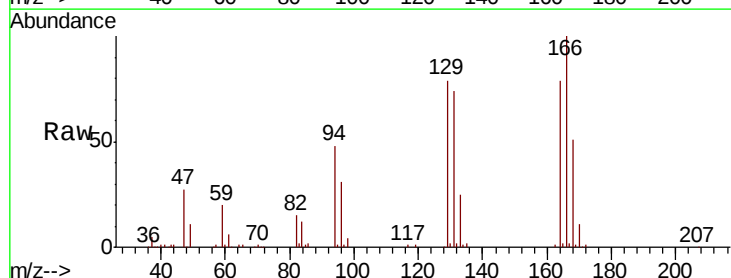


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

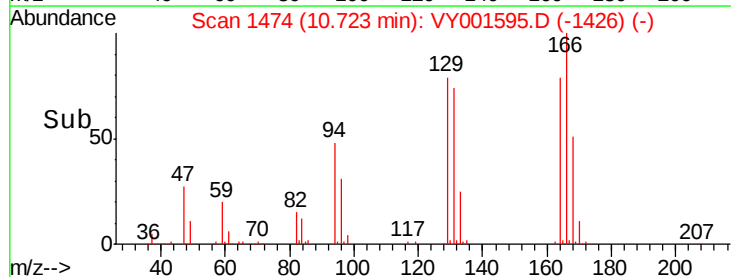
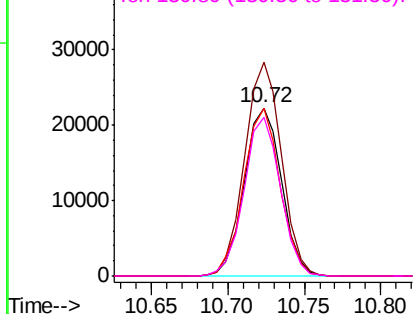


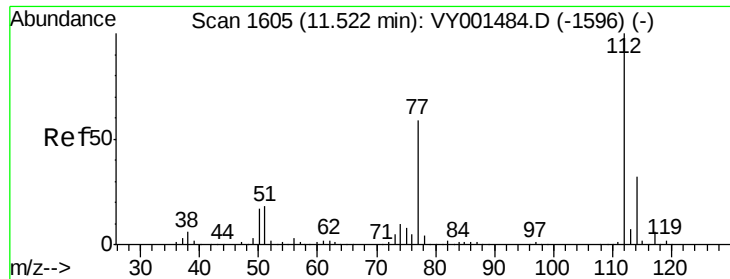
#64
Tetrachloroethene
Concen: 18.749 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion:164 Resp: 37892
Ion Ratio Lower Upper
164 100
166 127.0 100.8 151.2
129 99.8 77.8 116.6
131 94.0 72.0 108.0



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





#65

Chlorobenzene

Concen: 18.204 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

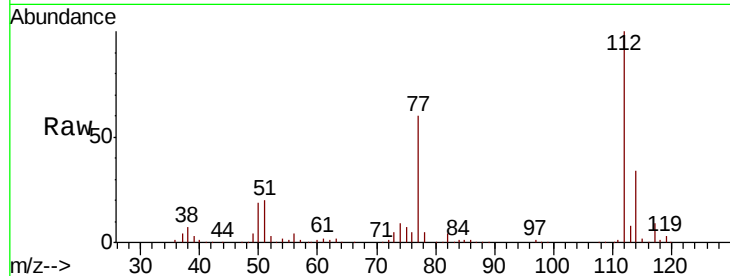
ClientSampleId :

Tot Ion:112 Resp: 110149

Ion Ratio Lower Upper

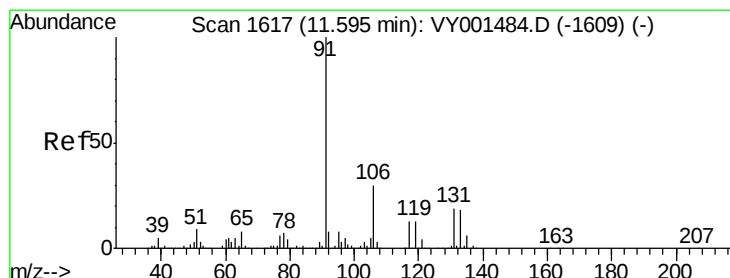
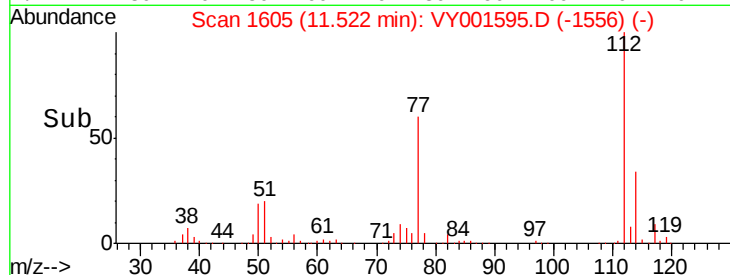
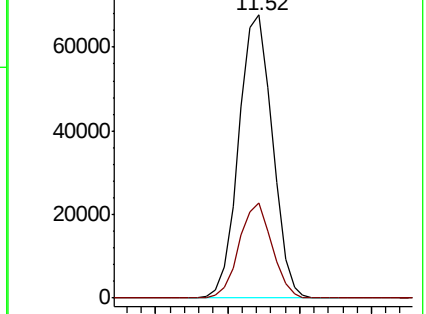
112 100

114 33.6 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.199 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

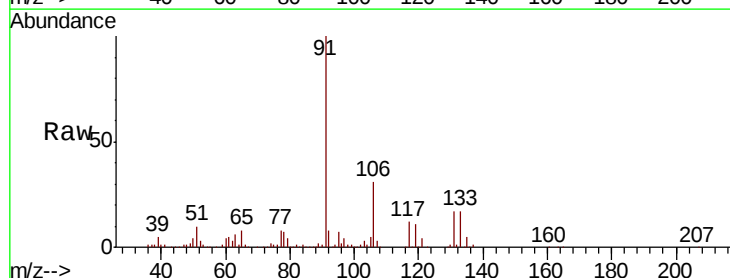
Tgt Ion:131 Resp: 38541

Ion Ratio Lower Upper

131 100

133 96.2 47.9 143.8

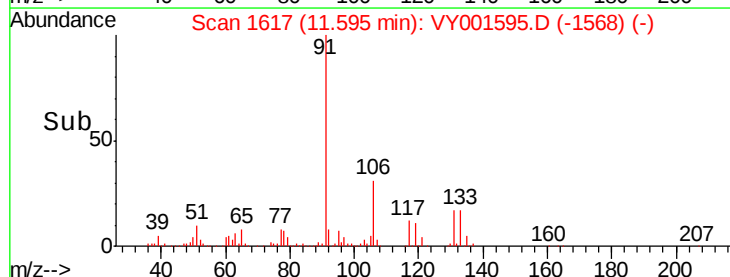
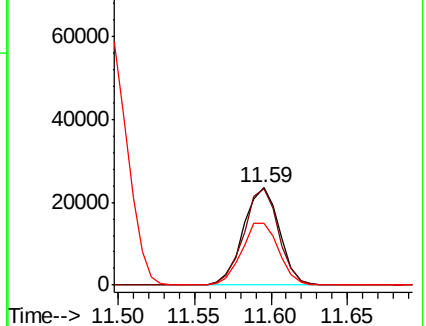
119 65.7 33.7 101.0

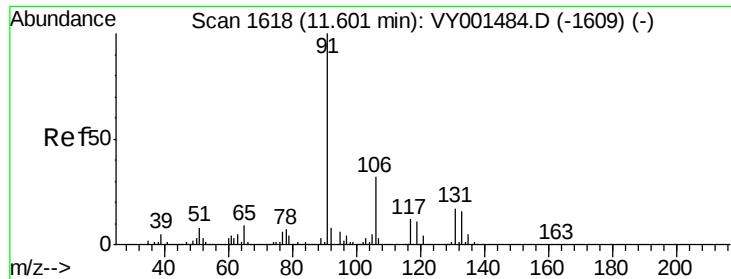


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

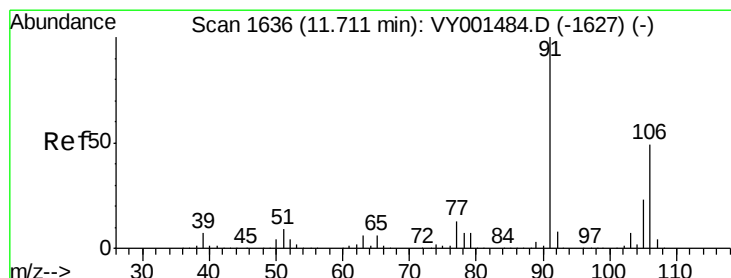
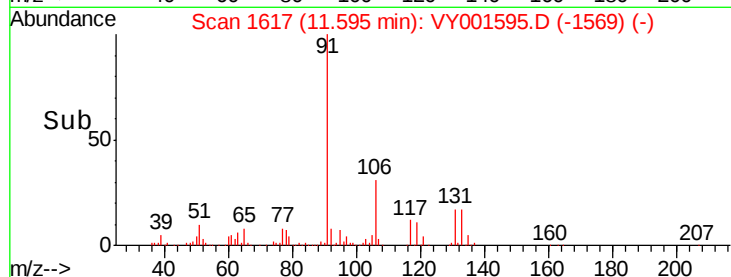
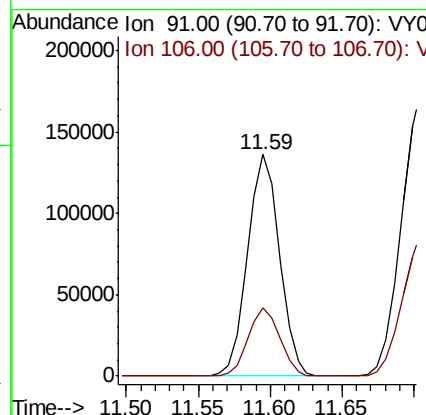
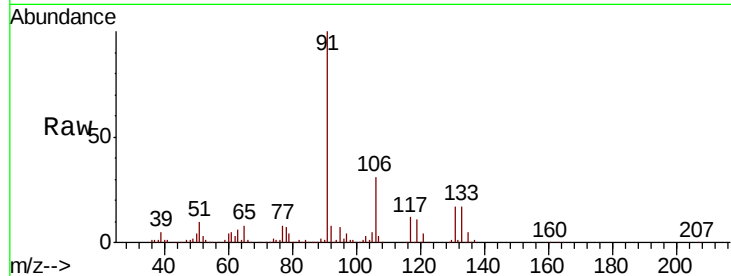




#67
Ethyl Benzene
Concen: 18.623 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

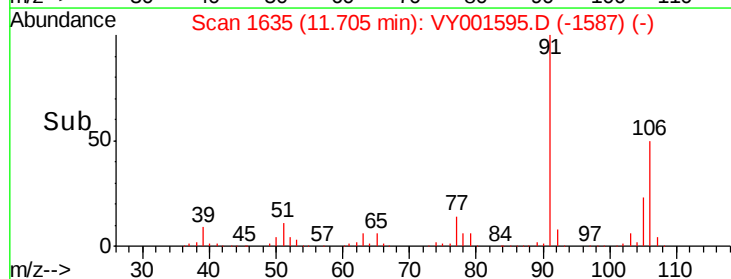
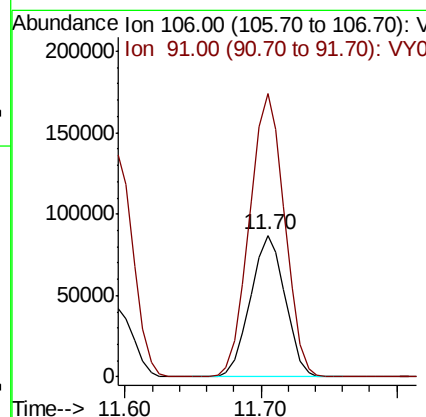
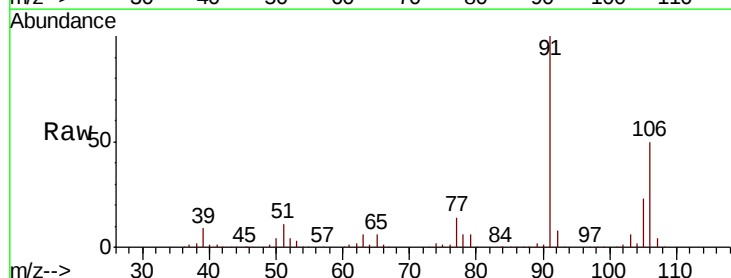
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 208358
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9



#68
m/p-Xylenes
Concen: 37.066 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion: 106 Resp: 155678
Ion Ratio Lower Upper
106 100
91 202.2 163.6 245.4

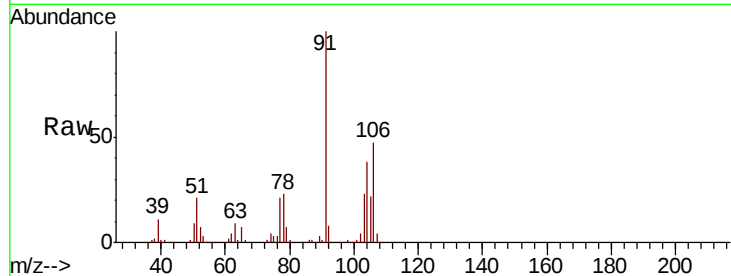




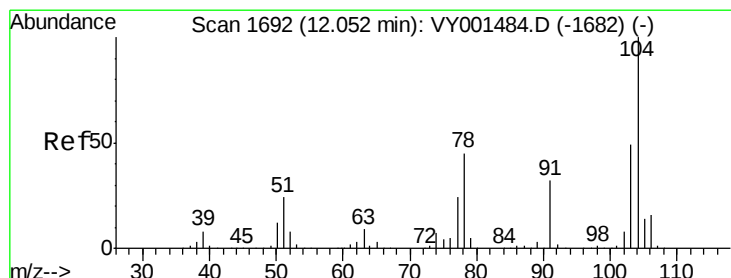
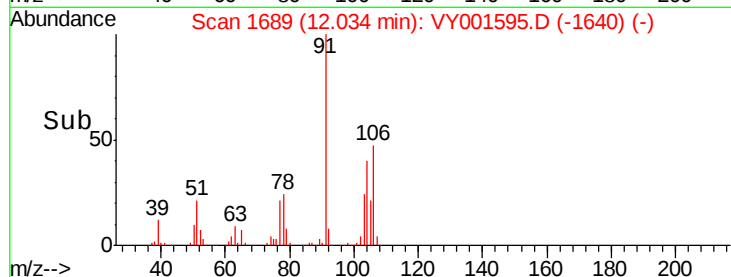
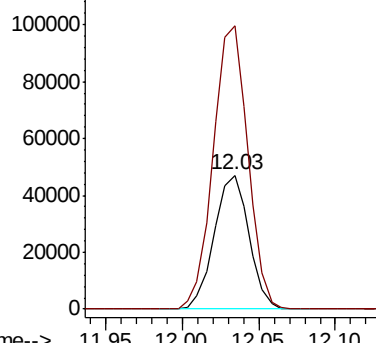
#69
o-Xylene
Concen: 18.782 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 74376
Ion Ratio Lower Upper
106 100
91 210.8 106.0 318.0

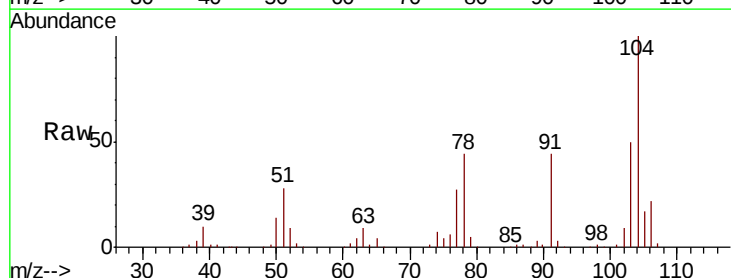


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

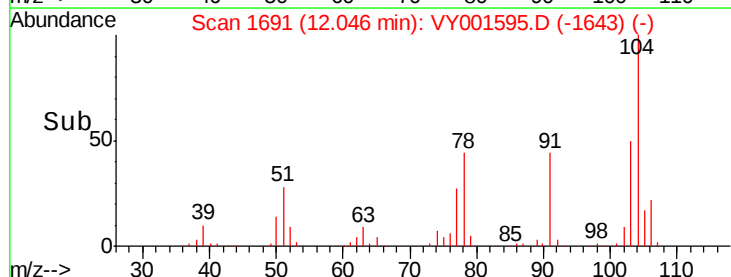
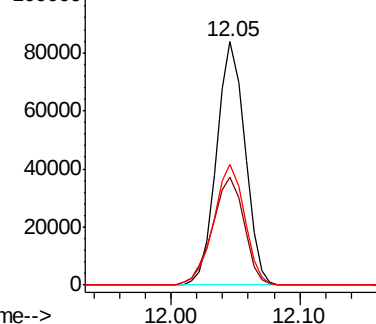


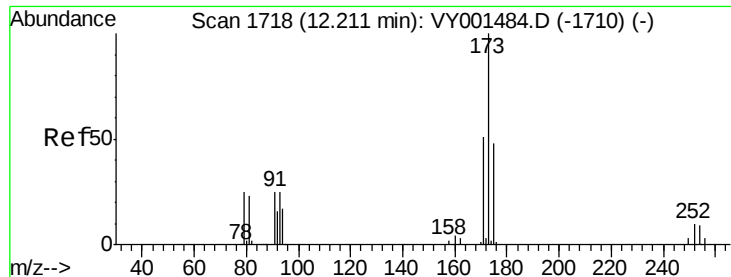
#70
Styrene
Concen: 18.583 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion:104 Resp: 127261
Ion Ratio Lower Upper
104 100
78 49.4 40.4 60.6
103 54.2 42.8 64.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.051 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

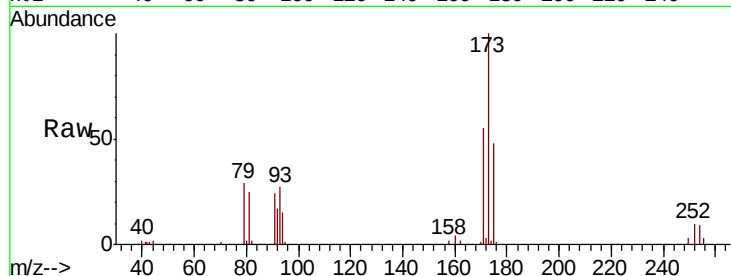
Tot Ion:173 Resp: 21286

Ion Ratio Lower Upper

173 100

175 47.7 24.0 72.0

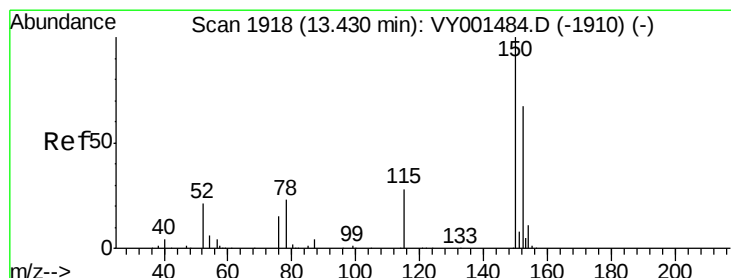
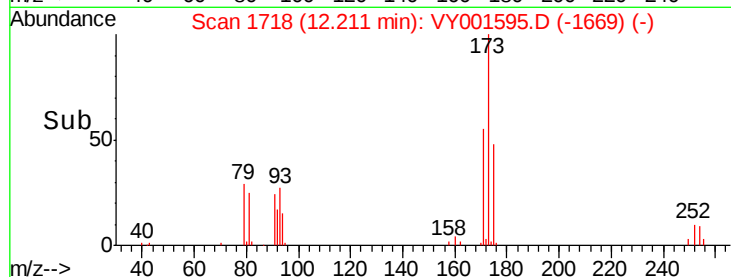
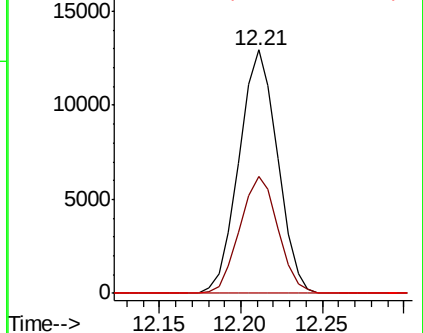
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

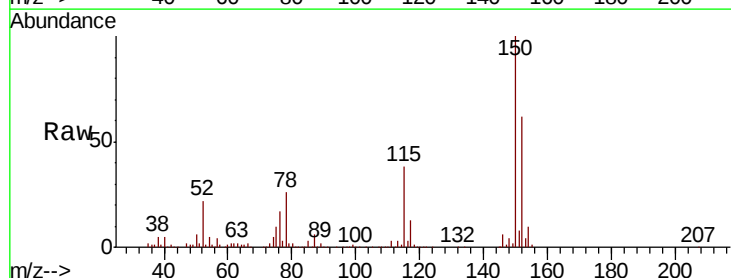
Tgt Ion:152 Resp: 147967

Ion Ratio Lower Upper

152 100

115 60.6 31.4 94.3

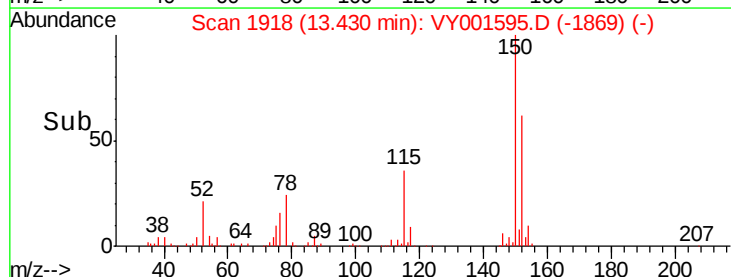
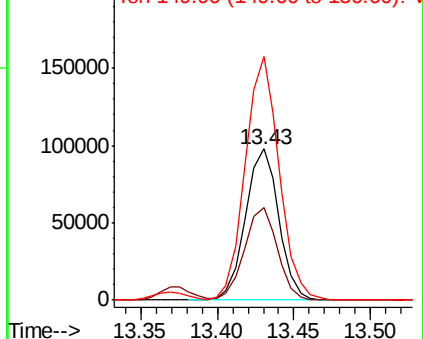
150 164.0 0.0 346.8

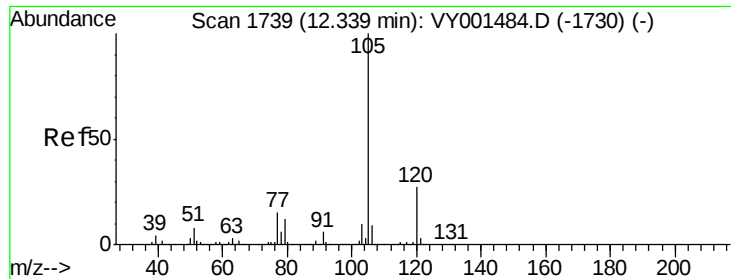


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

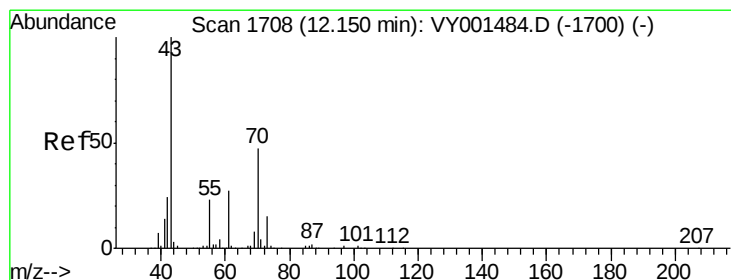
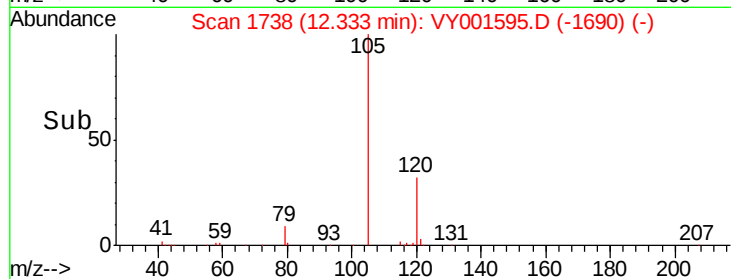
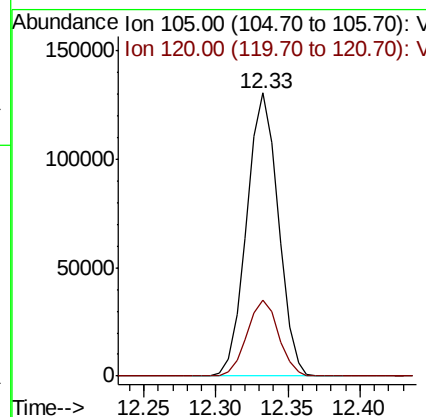
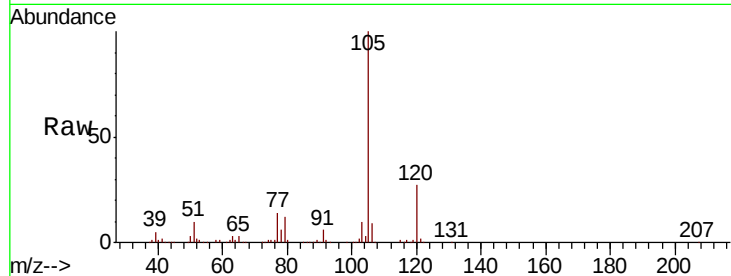




#73
Isopropylbenzene
Concen: 17.553 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

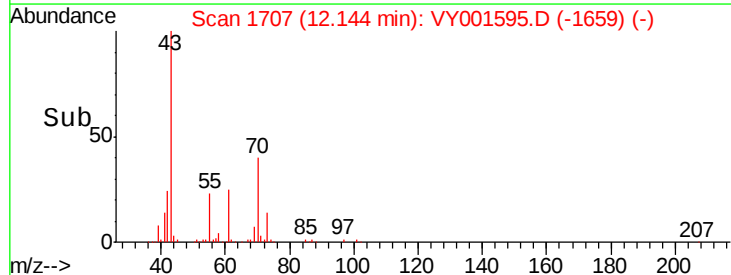
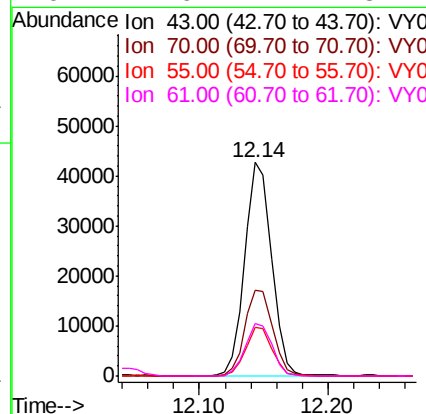
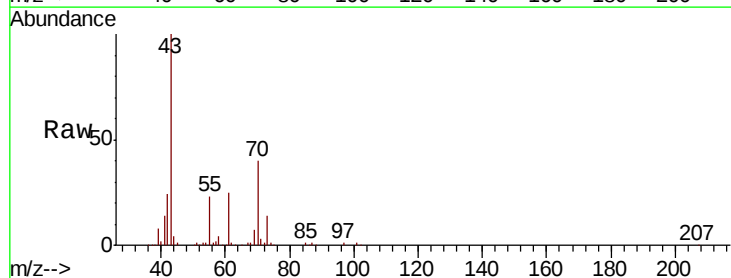
Instrument :
MSVOA_Y
ClientSampleId :

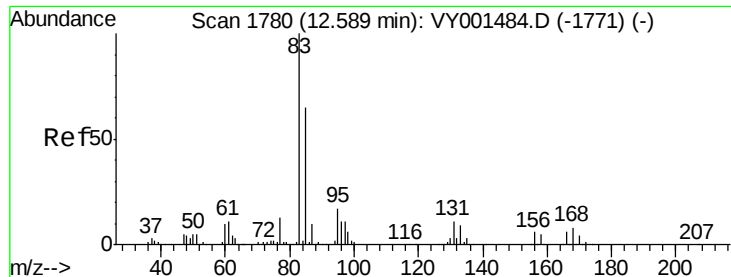
Tot Ion:105 Resp: 198089
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 21.013 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion: 43 Resp: 61622
Ion Ratio Lower Upper
43 100
70 41.7 37.2 55.8
55 22.8 18.8 28.2
61 24.6 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.599 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

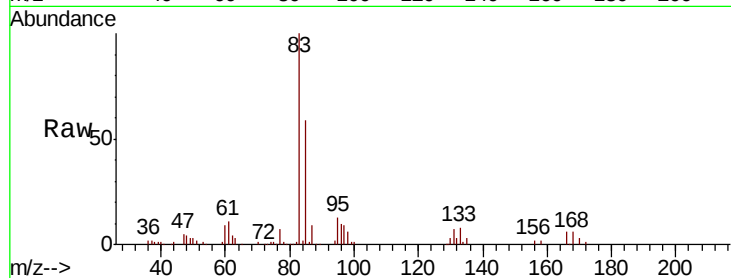
Tot Ion: 83 Resp: 42023

Ion Ratio Lower Upper

83 100

131 9.5 5.4 16.2

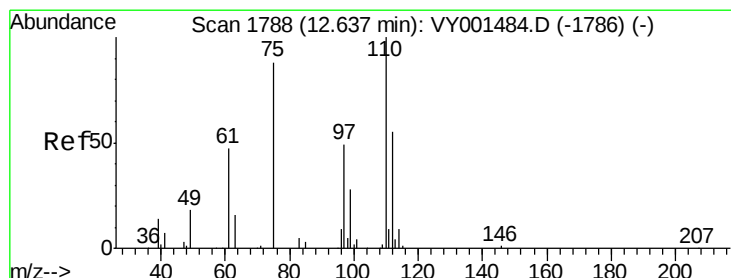
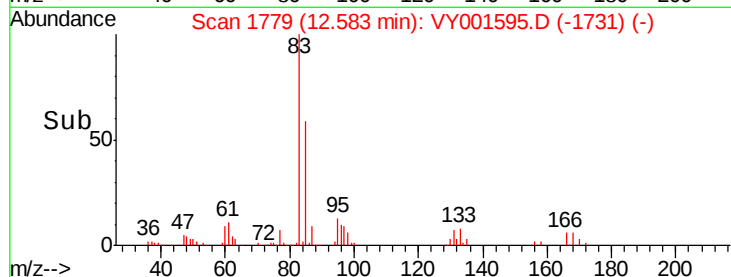
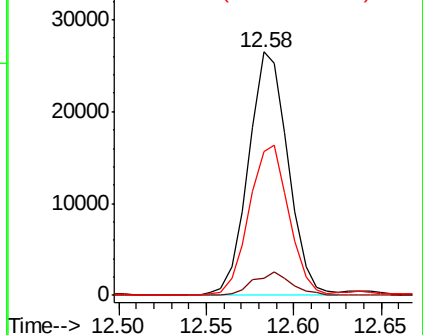
85 62.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY001595.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY001595.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY001595.D (-1731) (-)



#76

1,2,3-Trichloropropane

Concen: 34.171 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY001595.D

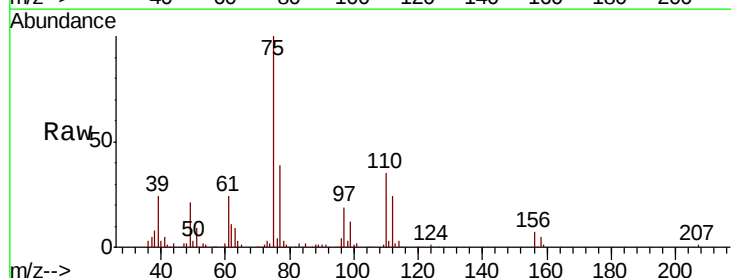
Acq: 11 Feb 2020 11:59

Tgt Ion: 75 Resp: 54375

Ion Ratio Lower Upper

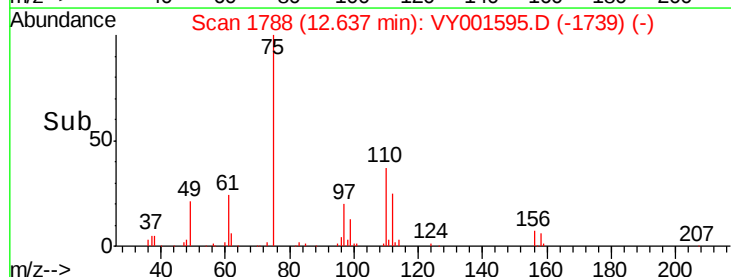
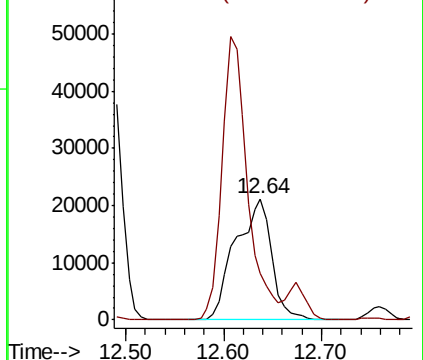
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001595.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY001595.D (-1739) (-)

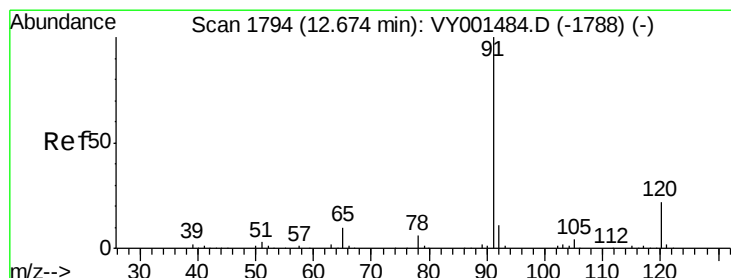
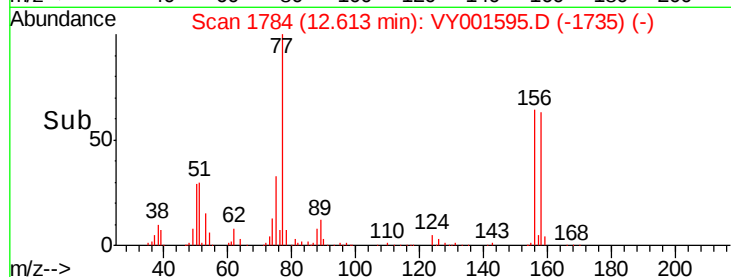
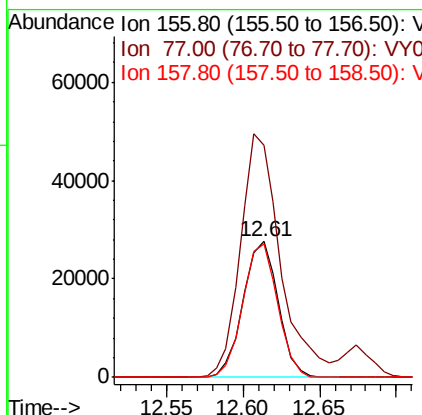
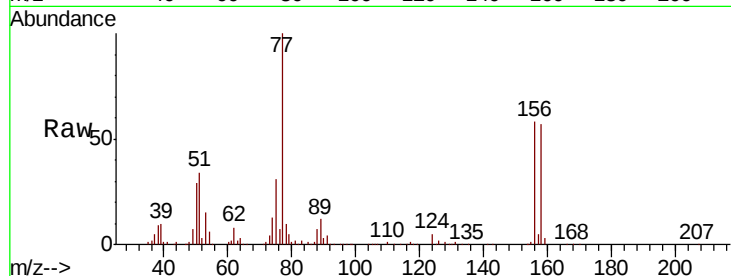




#77
Bromobenzene
Concen: 18.044 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

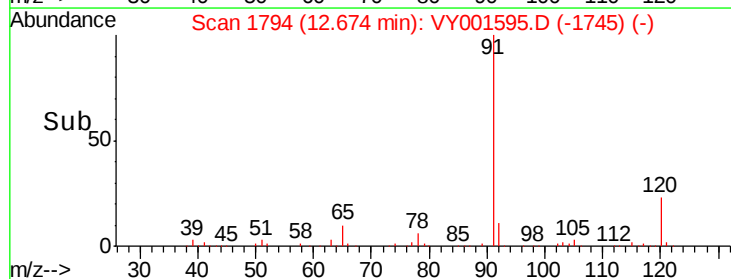
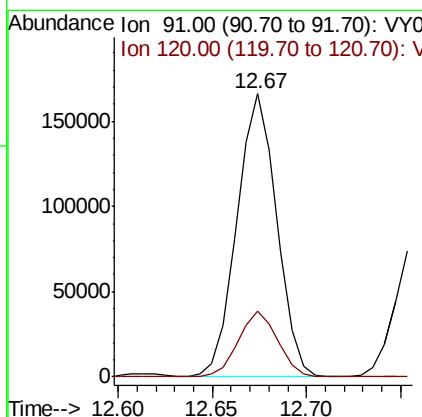
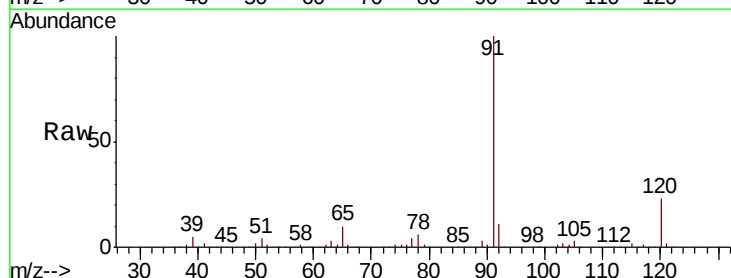
Instrument :
MSVOA_Y
ClientSampled :

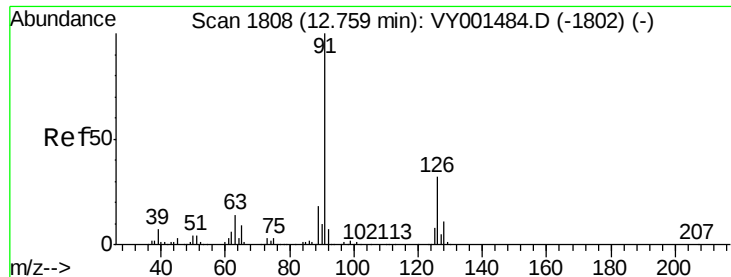
Tot Ion:156 Resp: 44068
Ion Ratio Lower Upper
156 100
77 204.4 99.8 299.3
158 97.3 47.5 142.6



#78
n-propylbenzene
Concen: 17.983 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion: 91 Resp: 242948
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.2





#79

2-Chlorotoluene

Concen: 17.366 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

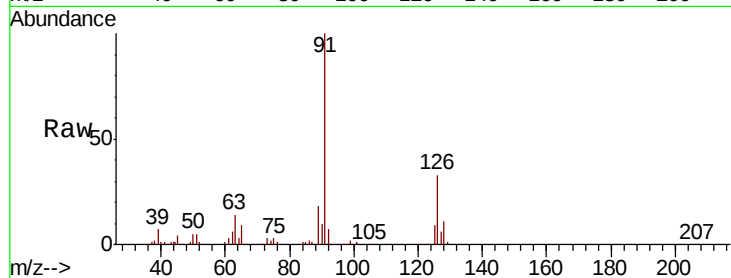
ClientSampleId :

Tot Ion: 91 Resp: 133734

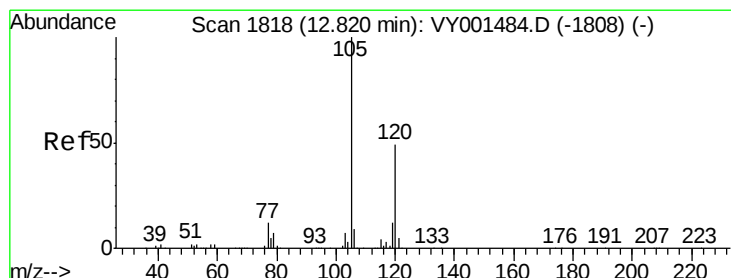
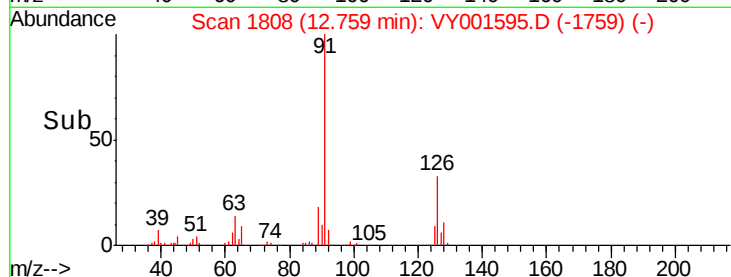
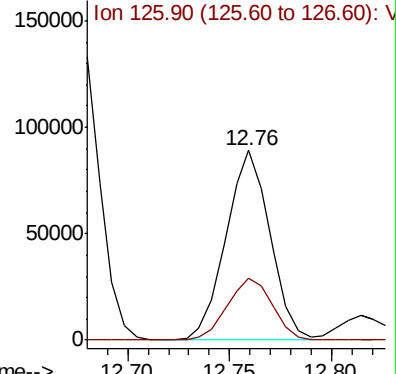
Ion Ratio Lower Upper

91 100

126 33.6 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY001595.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.587 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001595.D

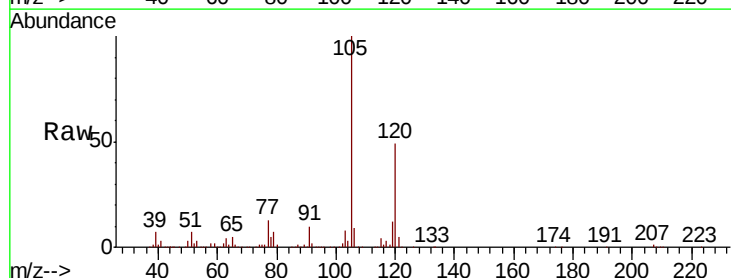
Acq: 11 Feb 2020 11:59

Tgt Ion: 105 Resp: 167151

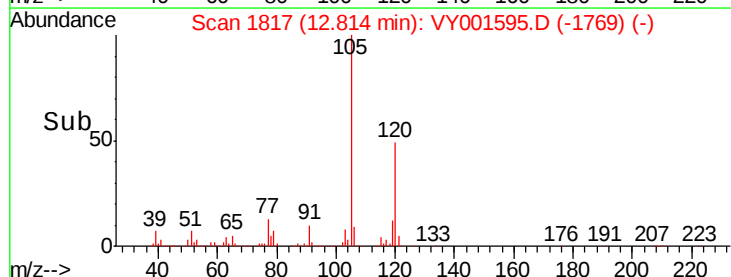
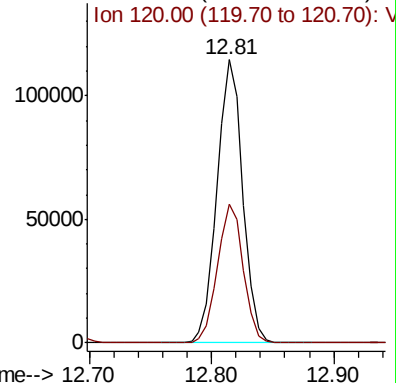
Ion Ratio Lower Upper

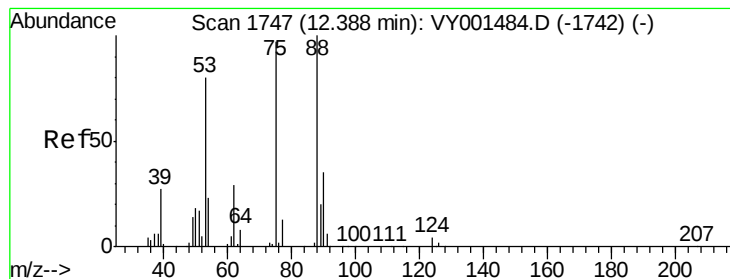
105 100

120 49.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VY001595.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.855 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

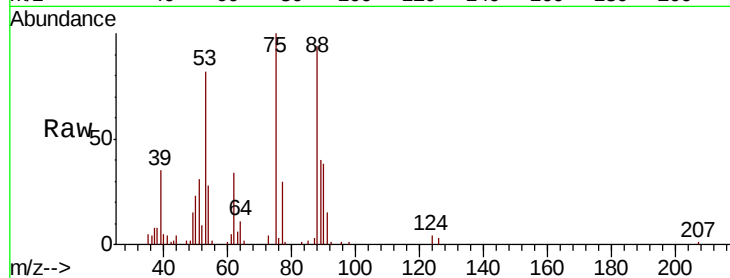
Tot Ion: 75 Resp: 15506

Ion Ratio Lower Upper

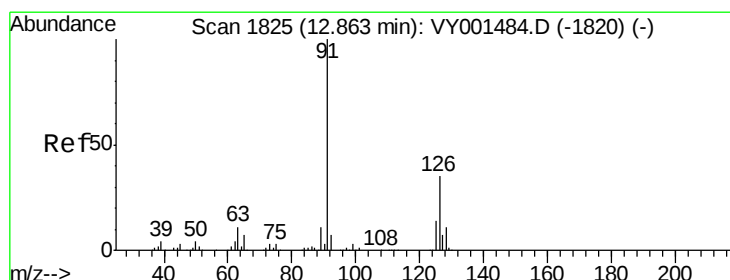
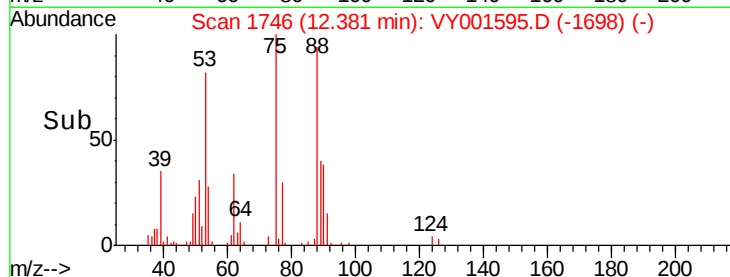
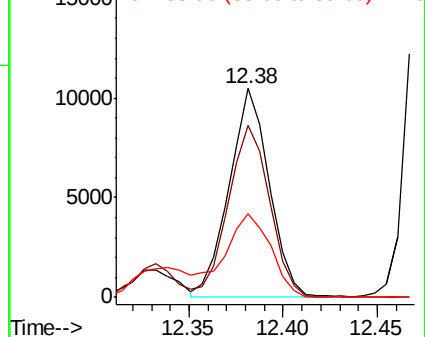
75 100

53 84.5 67.7 101.5

89 46.4 34.6 52.0



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



#82

4-Chlorotoluene

Concen: 17.379 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001595.D

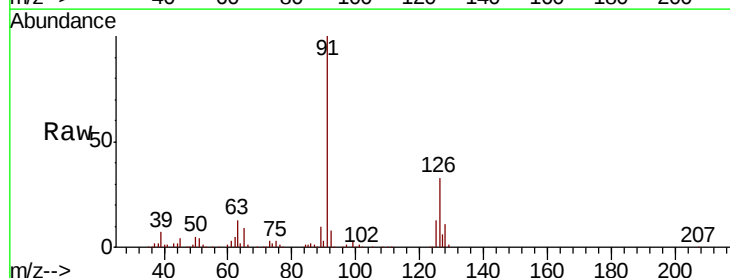
Acq: 11 Feb 2020 11:59

Tgt Ion: 91 Resp: 140323

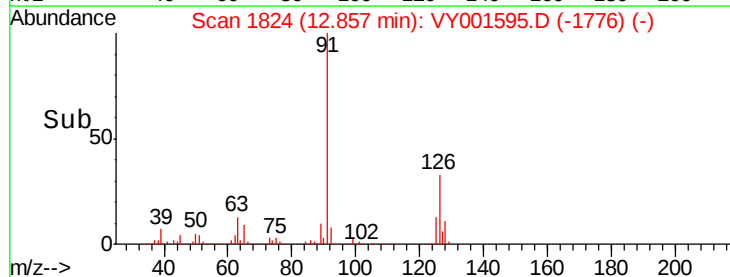
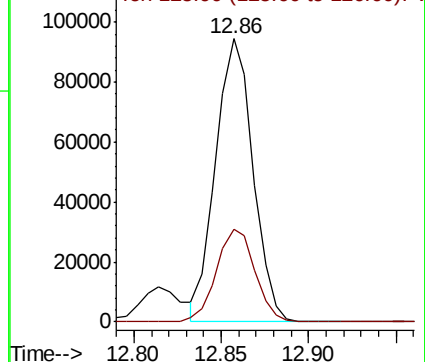
Ion Ratio Lower Upper

91 100

126 33.8 16.5 49.5



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

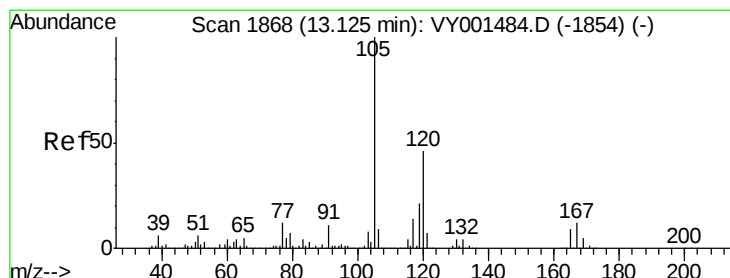
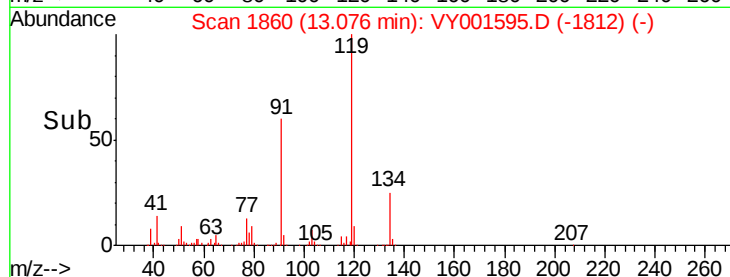
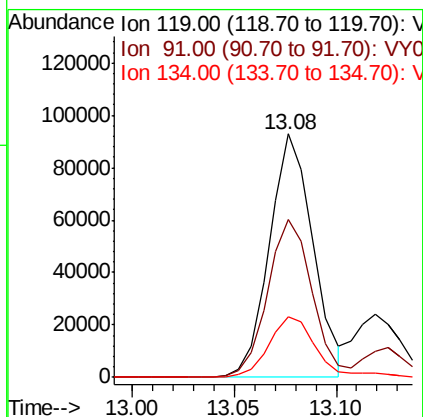
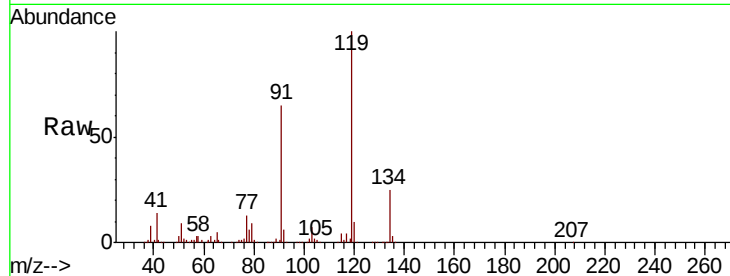




#83
tert-Butylbenzene
Concen: 17.254 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

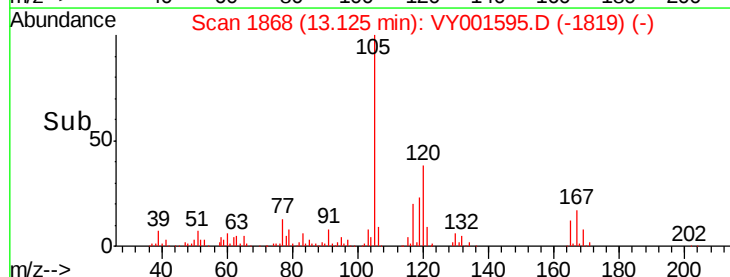
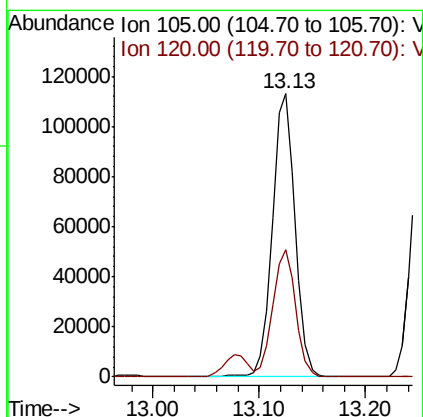
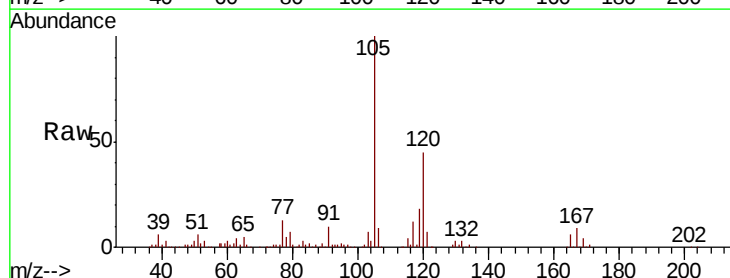
Instrument :
MSVOA_Y
ClientSampleId :

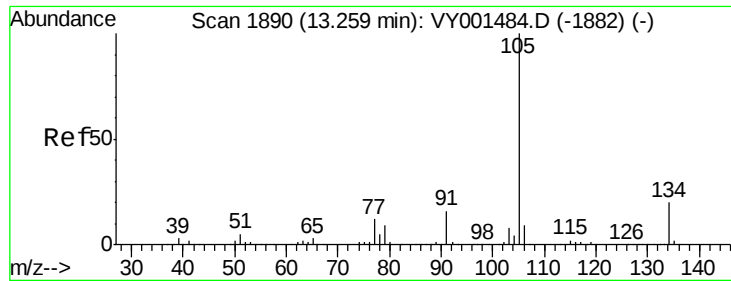
Tot Ion:119 Resp: 138614
Ion Ratio Lower Upper
119 100
91 66.4 33.1 99.3
134 27.3 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 17.840 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion:105 Resp: 167815
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.0





#85

sec-Butylbenzene

Concen: 17.959 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

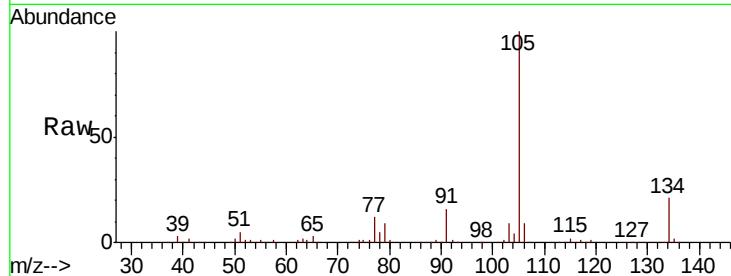
ClientSampled :

Tot Ion:105 Resp: 202843

Ion Ratio Lower Upper

105 100

134 20.0 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

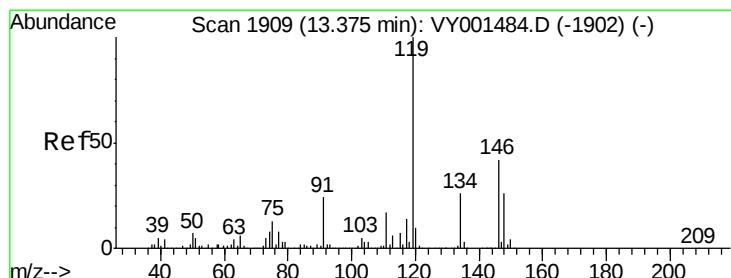
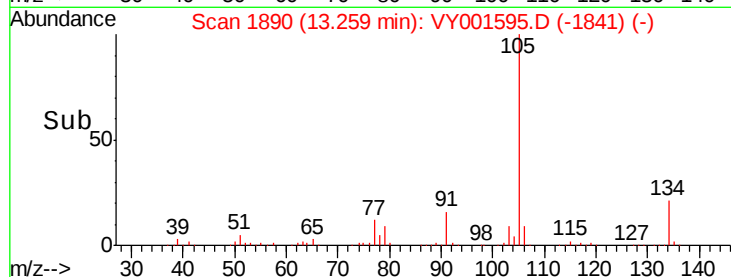
100000

50000

0

13.20 13.26 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 18.158 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

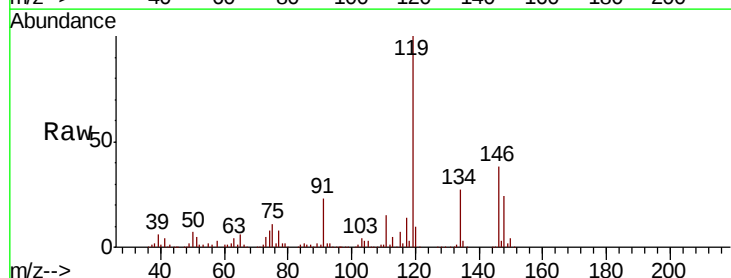
Tgt Ion:119 Resp: 180729

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 24.0 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

150000

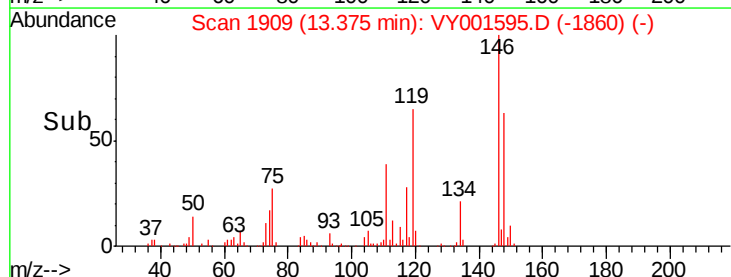
100000

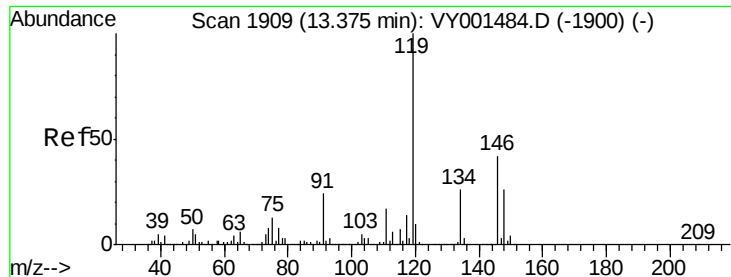
50000

0

13.30 13.35 13.40

Time-->

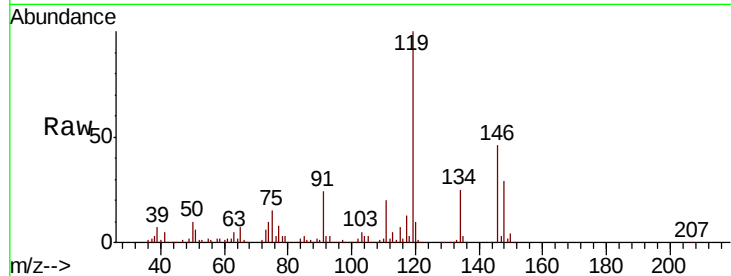




#87
 1,3-Dichlorobenzene
 Concen: 18.186 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.3	63.9
148	63.7	31.9	95.7

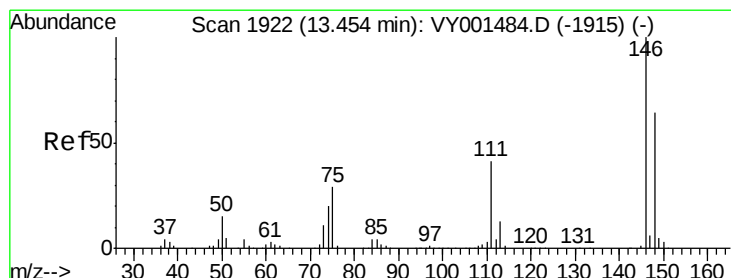
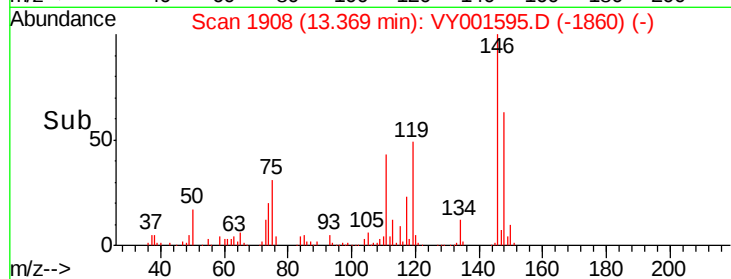
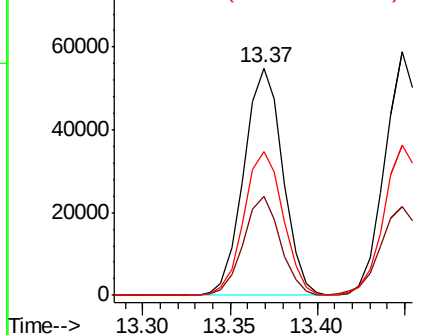


Abundance

Ion 145.90 (145.60 to 146.60): V

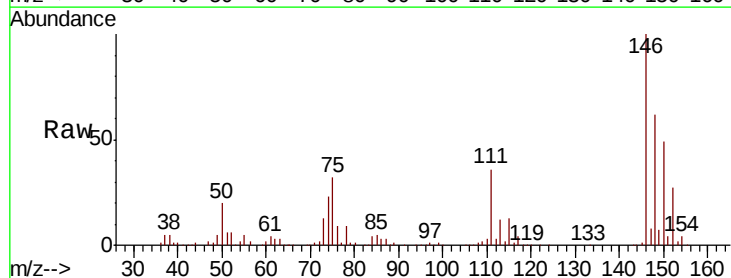
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 18.595 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.7	62.1
148	64.2	32.1	96.5

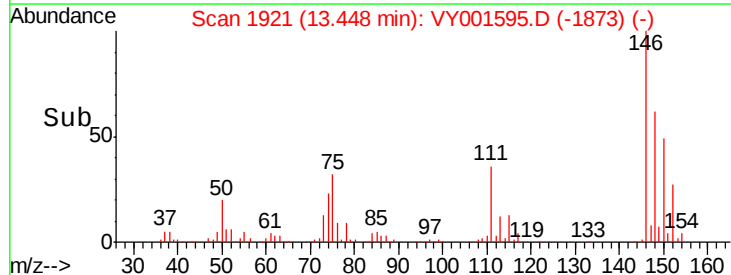
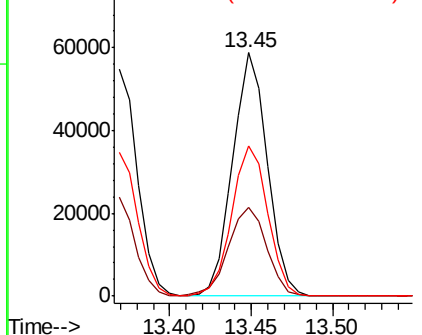


Abundance

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

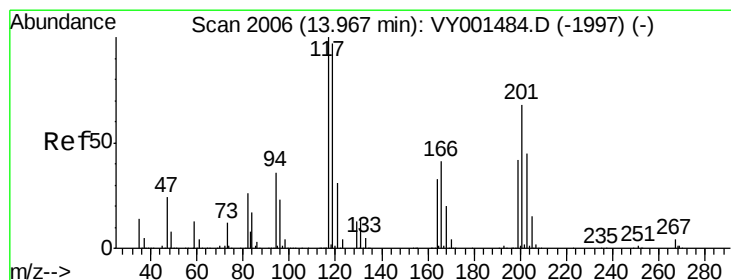
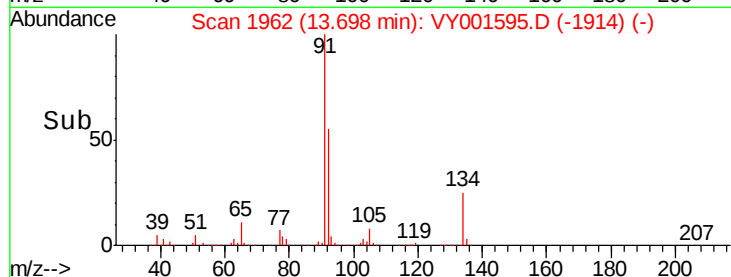
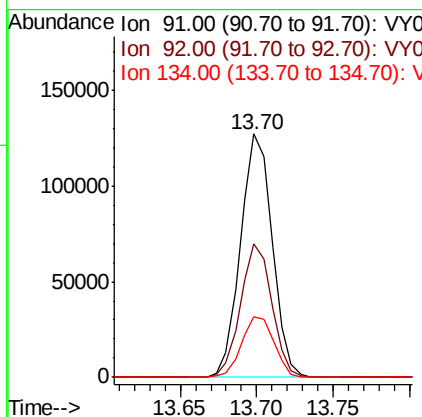
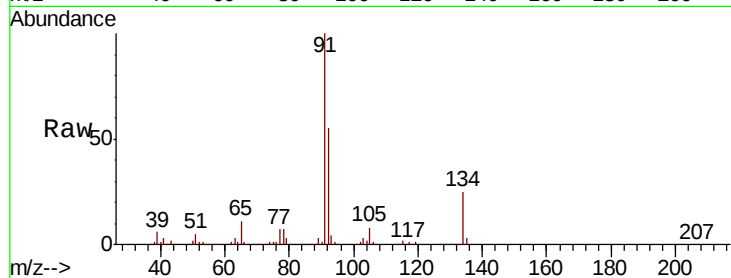




#89
n-Butylbenzene
Concen: 18.651 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

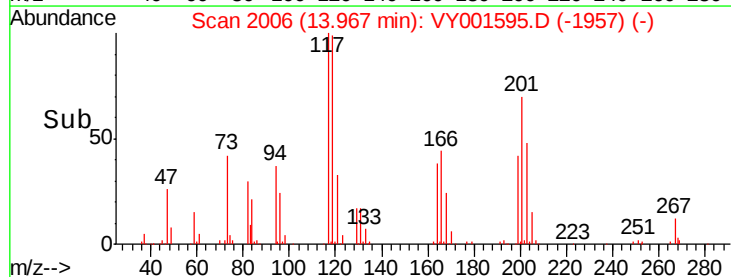
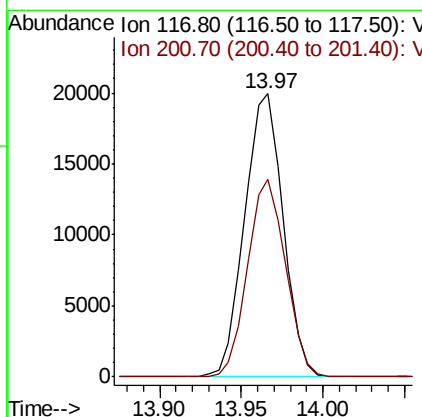
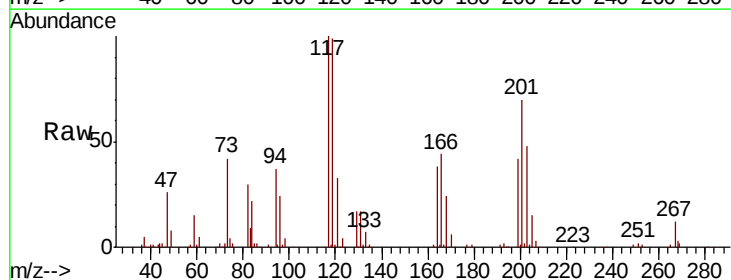
Instrument :
MSVOA_Y
ClientSampleId :

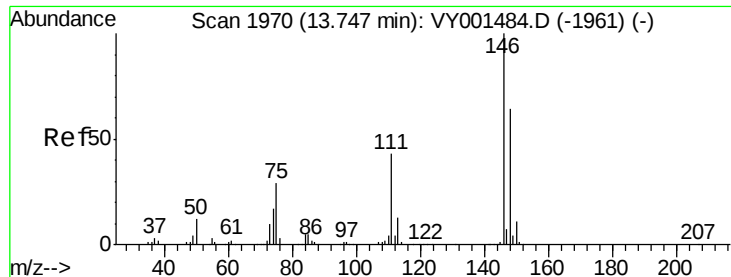
Tot Ion: 91 Resp: 183162
Ion Ratio Lower Upper
91 100
92 54.0 27.3 81.9
134 25.6 13.0 38.9



#90
Hexachloroethane
Concen: 17.163 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion: 117 Resp: 32789
Ion Ratio Lower Upper
117 100
201 69.1 34.1 102.3

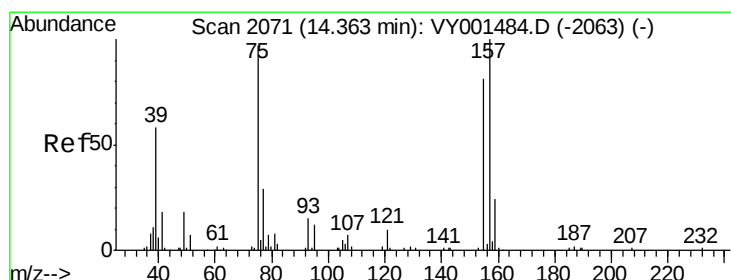
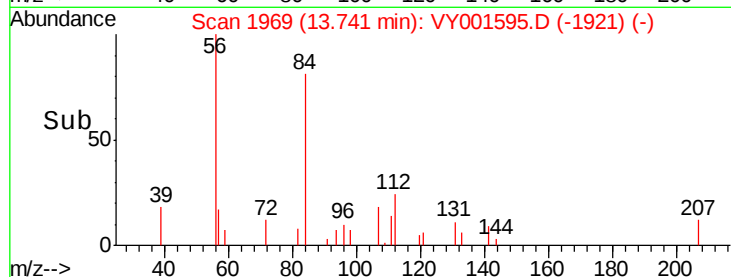
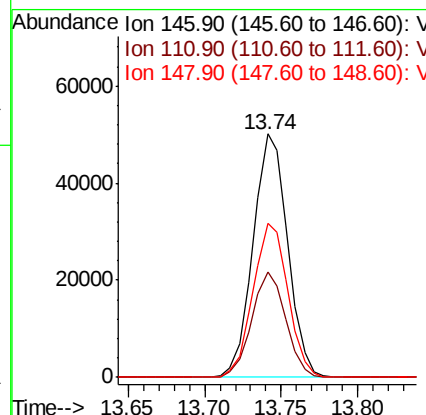
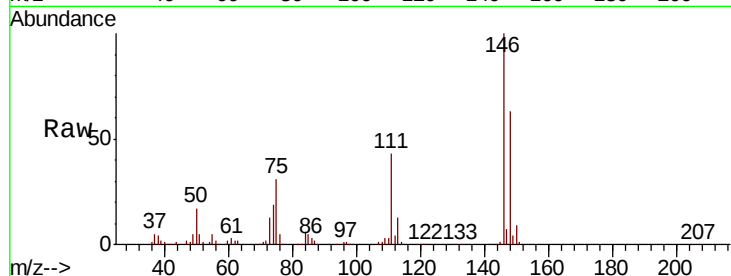




#91
 1,2-Dichlorobenzene
 Concen: 18.529 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

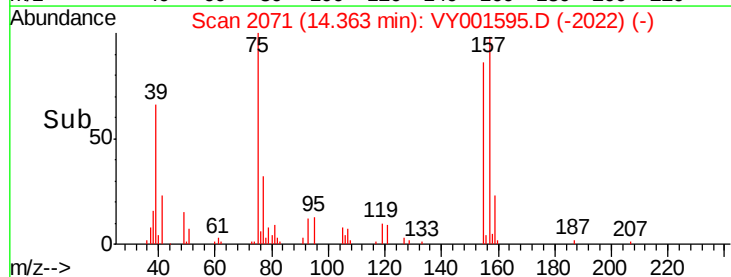
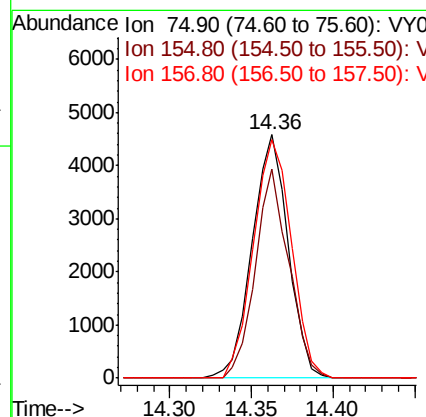
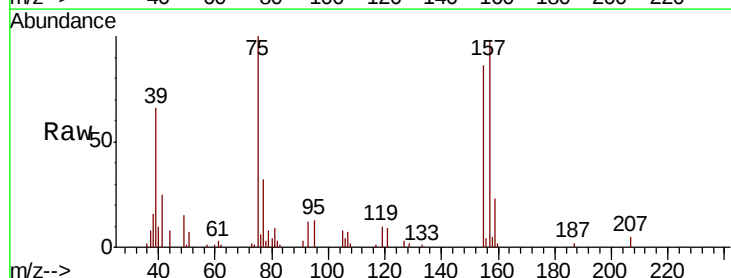
Instrument :
 MSVOA_Y
 ClientSampleId :

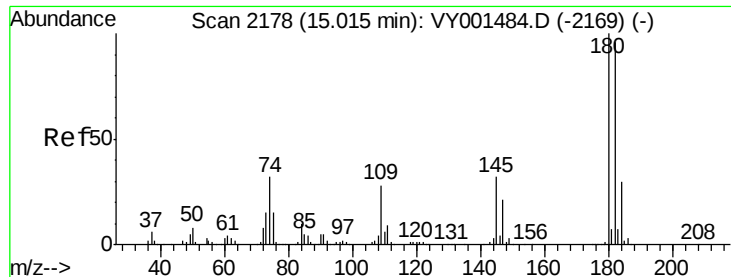
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.9	65.8
148	64.1	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.829 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.3	40.7	122.1
157	103.3	52.3	157.1

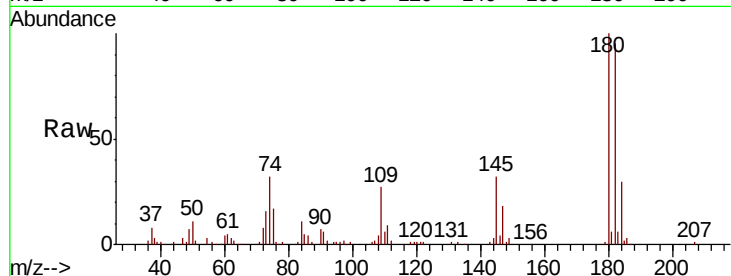




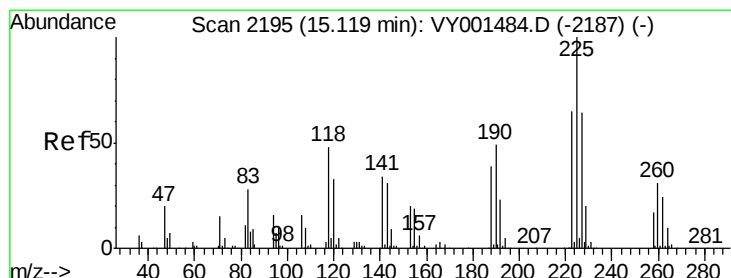
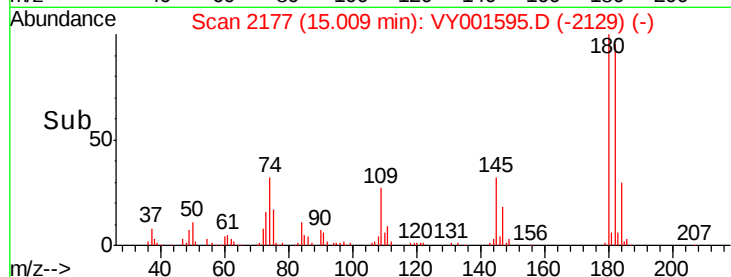
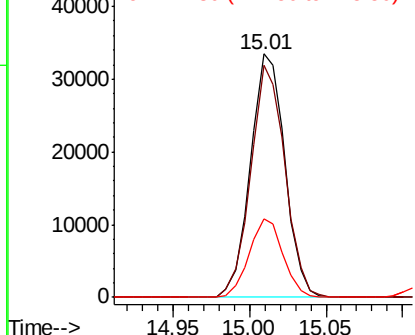
#93
 1,2,4-Trichlorobenzene
 Concen: 18.321 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.9	140.7
145	31.8	16.8	50.3

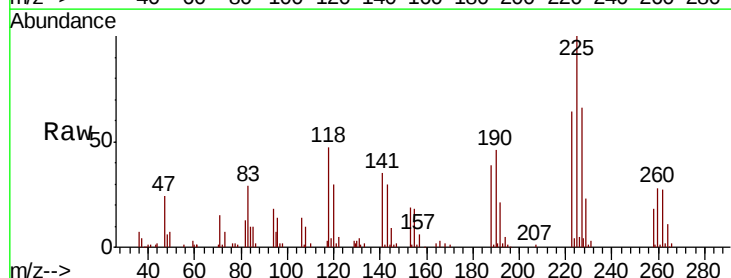


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

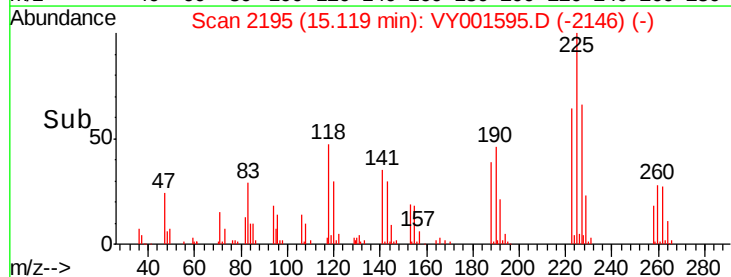
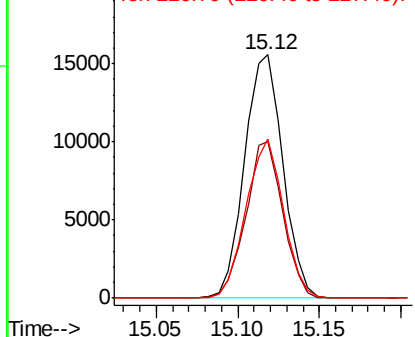


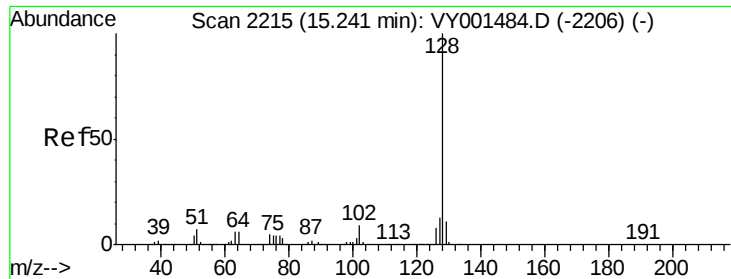
#94
 Hexachlorobutadiene
 Concen: 17.589 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.9	95.7
227	63.7	32.6	97.7



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

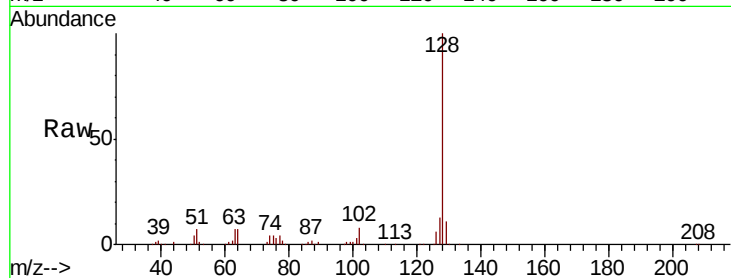




#95
Naphthalene
Concen: 17.543 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	11.0	8.9	13.3

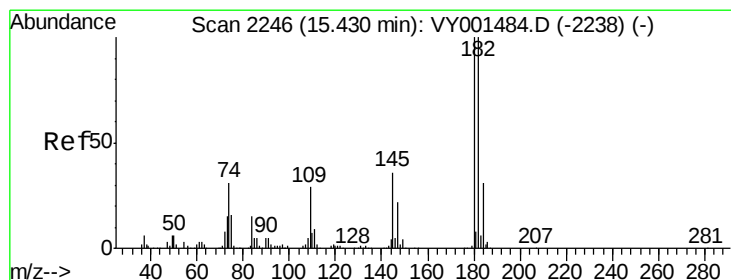
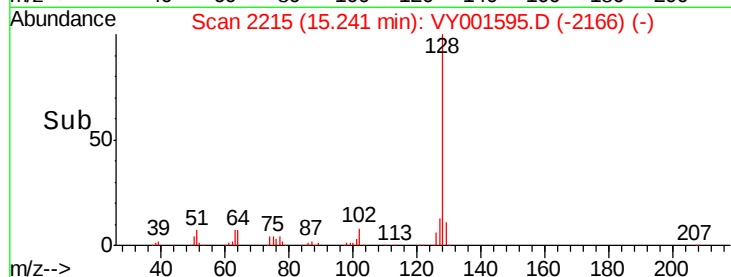
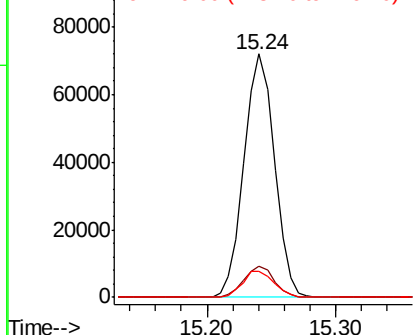


Abundance

Ion 128.00 (127.70 to 128.70): V

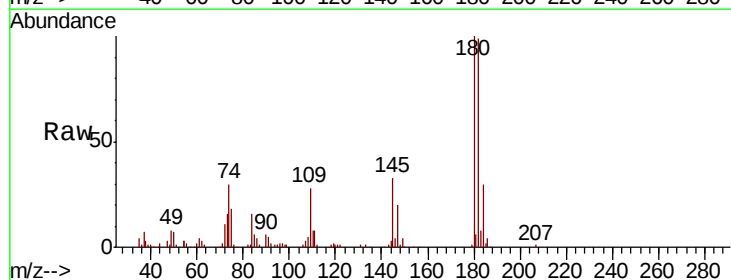
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 17.977 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.0	144.2
145	34.6	17.8	53.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

