

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000791.D
 Acq On : 22 Nov 2019 17:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 23 04:03:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	291528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	514560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	467315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	223977	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	170406	56.48	ug/l	0.00
Spiked Amount			Recovery	=	112.96%	
35) Dibromofluoromethane	7.72	113	158819	52.58	ug/l	0.00
Spiked Amount			Recovery	=	105.16%	
50) Toluene-d8	10.18	98	637961	55.66	ug/l	0.00
Spiked Amount			Recovery	=	111.32%	
62) 4-Bromofluorobenzene	12.48	95	228493	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	133649	46.571	ug/l	99
3) Chloromethane	2.12	50	176340	44.606	ug/l	97
4) Vinyl Chloride	2.26	62	176832	48.168	ug/l	100
5) Bromomethane	2.65	94	110933	50.391	ug/l	92
6) Chloroethane	2.79	64	115659	50.339	ug/l	96
7) Trichlorofluoromethane	3.13	101	256204	51.677	ug/l	98
8) Diethyl Ether	3.53	74	104011	59.043	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.90	101	158299	52.814	ug/l	95
10) Methyl Iodide	4.09	142	200454	50.757	ug/l	99
11) Tert butyl alcohol	4.97	59	77963	265.469	ug/l #	83
12) 1,1-Dichloroethene	3.88	96	155704	53.469	ug/l	99
13) Acrolein	3.74	56	56676	221.554	ug/l	96
14) Allyl chloride	4.48	41	288183	60.860	ug/l	94
15) Acrylonitrile	5.17	53	269796	298.969	ug/l	99
16) Acetone	3.95	43	190331	228.900	ug/l	98
17) Carbon Disulfide	4.19	76	459986	50.082	ug/l	100
18) Methyl Acetate	4.49	43	159842	61.824	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	474579	58.615	ug/l	98
20) Methylene Chloride	4.72	84	191495	53.747	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	182510	55.438	ug/l	99
22) Diisopropyl ether	6.13	45	628054	61.023	ug/l	90
23) Vinyl Acetate	6.07	43	1918282	295.261	ug/l	97
24) 1,1-Dichloroethane	6.02	63	329263	59.054	ug/l	100
25) 2-Butanone	7.00	43	357747	269.586	ug/l	100
26) 2,2-Dichloropropane	6.99	77	275162	54.002	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	207326	57.593	ug/l	99
28) Bromochloromethane	7.34	49	149145	57.944	ug/l	95
29) Tetrahydrofuran	7.35	42	238514	293.800	ug/l	99
30) Chloroform	7.52	83	326135	57.821	ug/l	99
31) Cyclohexane	7.79	56	313034	53.603	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	269265	53.565	ug/l	99
36) 1,1-Dichloropropene	7.92	75	253933	52.202	ug/l	98
37) Ethyl Acetate	7.08	43	150563	52.134	ug/l	95
38) Carbon Tetrachloride	7.90	117	235841	50.386	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	324952	51.707	ug/l	96
40) Benzene	8.17	78	766970	53.780	ug/l	100
41) Methacrylonitrile	7.35	41	209071	129.768	ug/l #	57
42) 1,2-Dichloroethane	8.24	62	213211	52.711	ug/l	98
43) Isopropyl Acetate	8.28	43	296227	54.603	ug/l	99
44) Trichloroethene	8.94	130	194053	51.608	ug/l	95
45) 1,2-Dichloropropane	9.22	63	201149	57.308	ug/l	95
46) Dibromomethane	9.31	93	103069	53.394	ug/l	98
47) Bromodichloromethane	9.50	83	254789	55.627	ug/l	99
48) Methyl methacrylate	9.30	41	134943	56.929	ug/l	95
49) 1,4-Dioxane	9.30	88	28623	1101.748	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	790020	273.893	ug/l	96
52) Toluene	10.24	92	483749	53.652	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	275056	56.202	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	317093	56.557	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	153327	54.916	ug/l	96
56) Ethyl methacrylate	10.51	69	238340	60.229	ug/l	94
57) 1,3-Dichloropropane	10.79	76	279400	57.176	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	510442	285.319	ug/l	98
59) 2-Hexanone	10.83	43	544723	259.198	ug/l	94
60) Dibromochloromethane	10.99	129	171192	53.530	ug/l	99
61) 1,2-Dibromoethane	11.09	107	149179	55.570	ug/l	98
64) Tetrachloroethene	10.72	164	205725	53.240	ug/l	96
65) Chlorobenzene	11.52	112	504525	53.250	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	178744	54.396	ug/l	99
67) Ethyl Benzene	11.59	91	932501	53.476	ug/l	99
68) m/p-Xylenes	11.70	106	701534	103.946	ug/l	95
69) o-Xylene	12.03	106	333392	52.561	ug/l	100
70) Styrene	12.04	104	584218	53.788	ug/l	98
71) Bromoform	12.20	173	101017	53.448	ug/l #	100
73) Isopropylbenzene	12.33	105	899919	54.364	ug/l	100
74) N-amyl acetate	12.14	43	264931	55.882	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	184748	56.366	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	255462	100.170	ug/l #	100
77) Bromobenzene	12.61	156	199792	53.223	ug/l	95
78) n-propylbenzene	12.67	91	1097529	54.950	ug/l	99
79) 2-Chlorotoluene	12.75	91	603874	54.460	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	752355	54.571	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	67666	59.490	ug/l	93
82) 4-Chlorotoluene	12.85	91	637146	55.433	ug/l	98
83) tert-Butylbenzene	13.07	119	636070	54.034	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	756891	55.140	ug/l	98
85) sec-Butylbenzene	13.25	105	916719	54.661	ug/l	99
86) p-Isopropyltoluene	13.37	119	796789	53.306	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	392882	53.434	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	389566	53.022	ug/l	99
89) n-Butylbenzene	13.69	91	801409	54.360	ug/l	99
90) Hexachloroethane	13.96	117	150376	54.419	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	358385	53.722	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	30598	52.749	ug/l	98

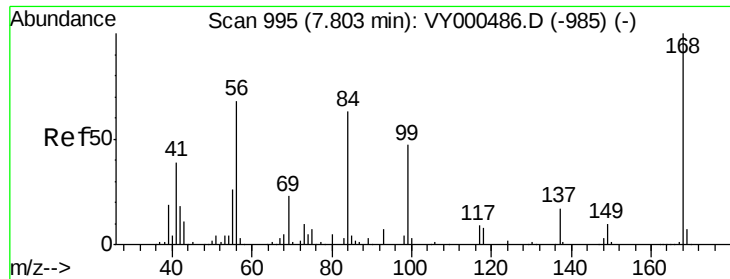
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	241442	53.153	ug/l	99
94) Hexachlorobutadiene	15.11	225	115899	49.498	ug/l	98
95) Naphthalene	15.23	128	571160	56.642	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	218753	53.679	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

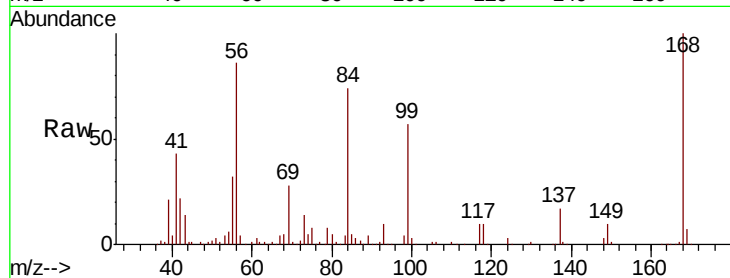
VSTDCCC050EC

Tot Ion:168 Resp: 291528

Ion Ratio Lower Upper

168 100

99 56.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

150000

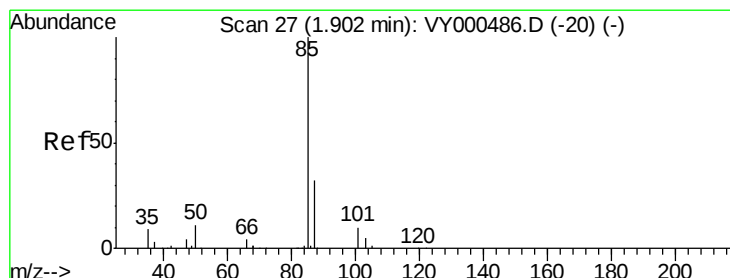
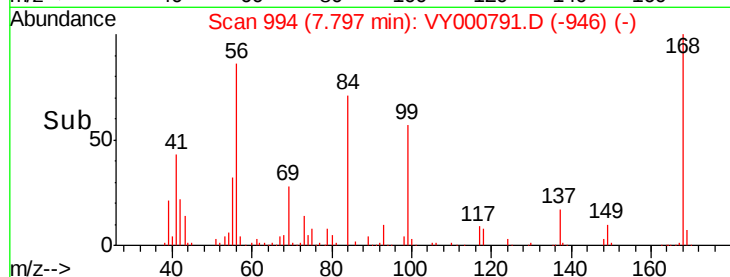
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.571 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000791.D

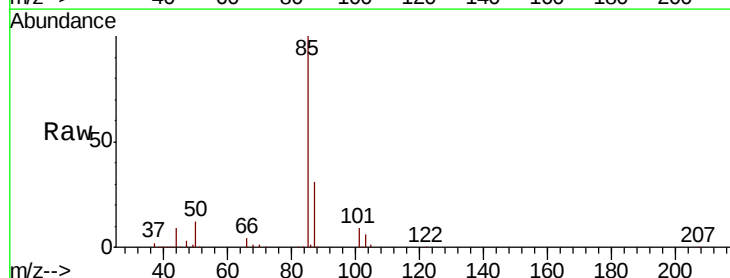
Acq: 22 Nov 2019 17:06

Tgt Ion: 85 Resp: 133649

Ion Ratio Lower Upper

85 100

87 31.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

100000

80000

60000

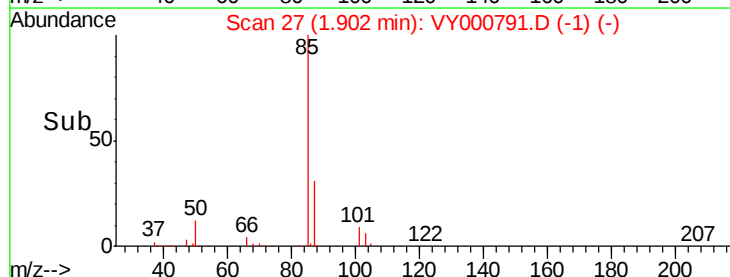
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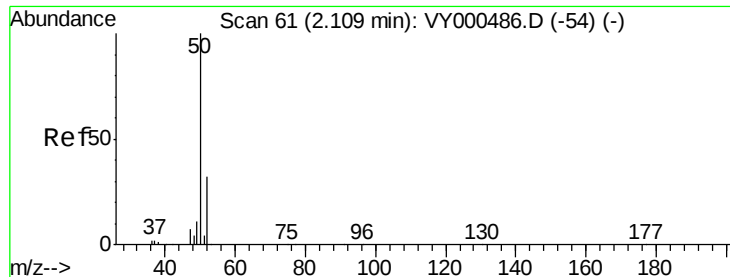
20000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 44.606 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

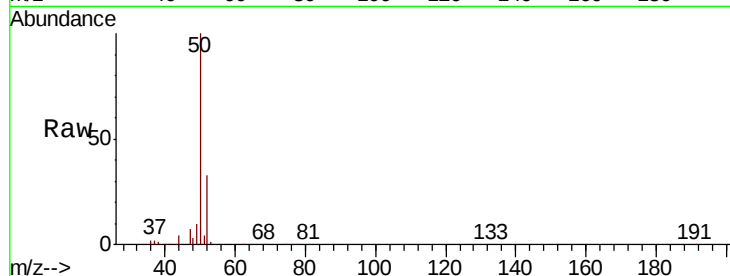
VSTDCCC050EC

Tot Ion: 50 Resp: 176340

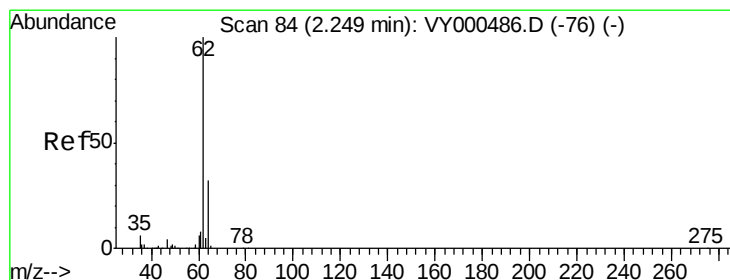
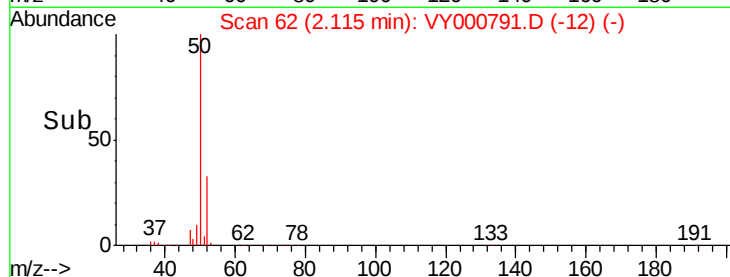
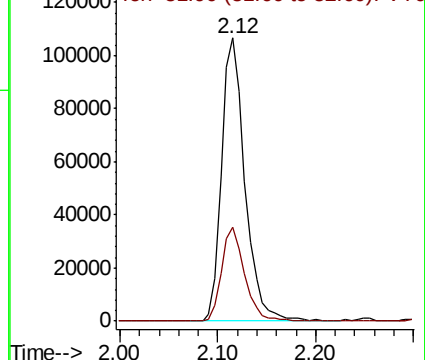
Ion Ratio Lower Upper

50 100

52 33.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 48.168 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000791.D

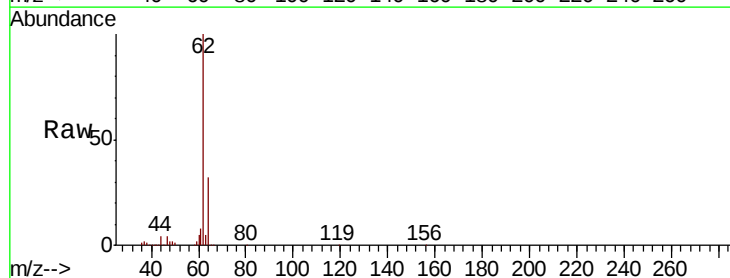
Acq: 22 Nov 2019 17:06

Tgt Ion: 62 Resp: 176832

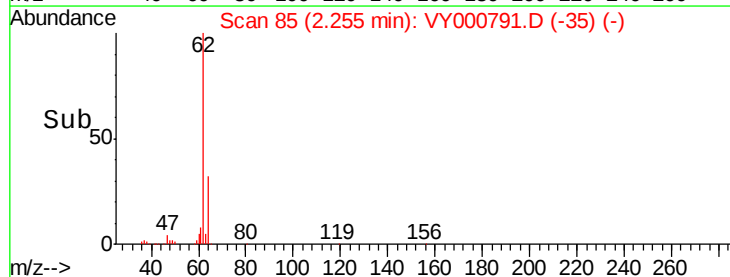
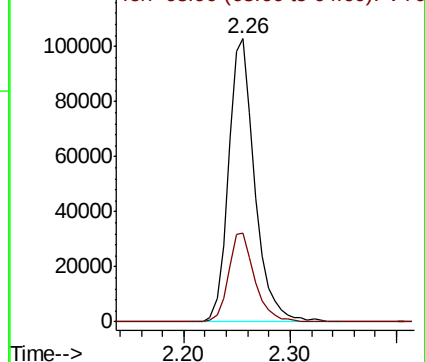
Ion Ratio Lower Upper

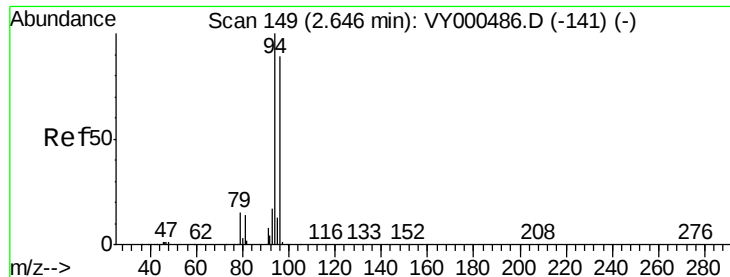
62 100

64 31.5 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 50.391 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

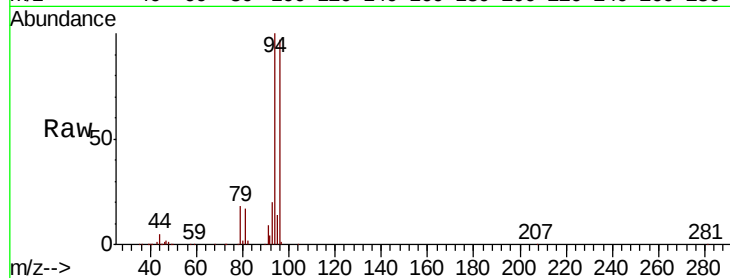
VSTDCCC050EC

Tot Ion: 94 Resp: 110933

Ion Ratio Lower Upper

94 100

96 96.9 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

60000

50000

40000

30000

20000

10000

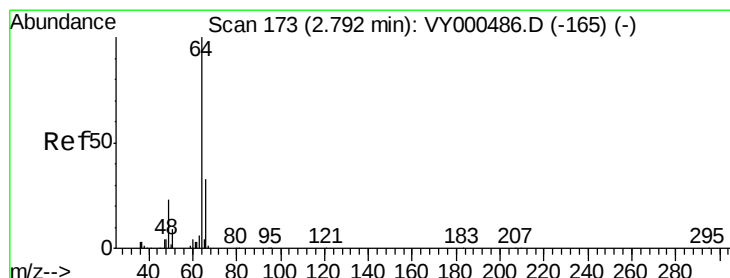
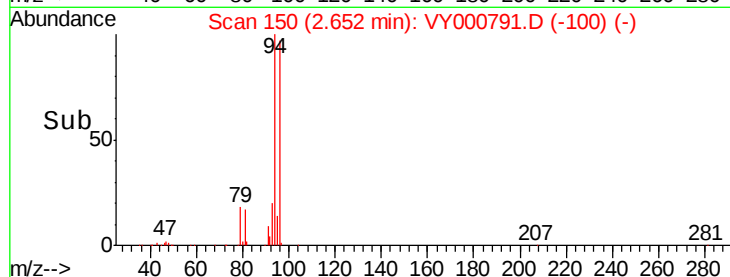
0

Time-->

2.60

2.70

2.80



#6

Chloroethane

Concen: 50.339 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000791.D

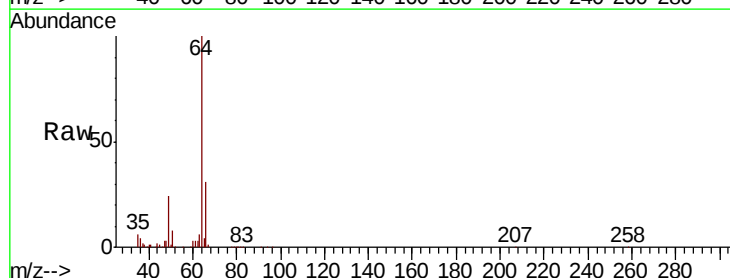
Acq: 22 Nov 2019 17:06

Tgt Ion: 64 Resp: 115659

Ion Ratio Lower Upper

64 100

66 31.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

60000

40000

20000

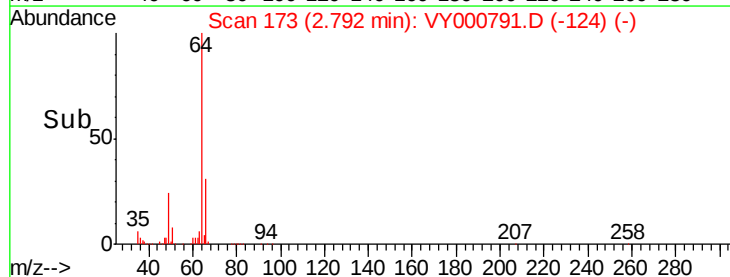
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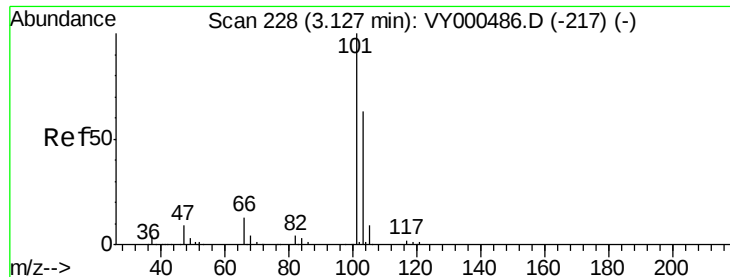
Time-->

2.70

2.80

2.90



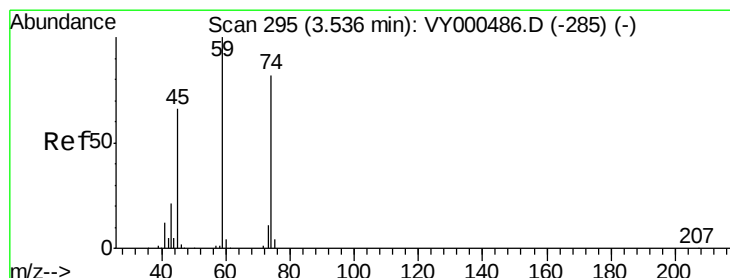
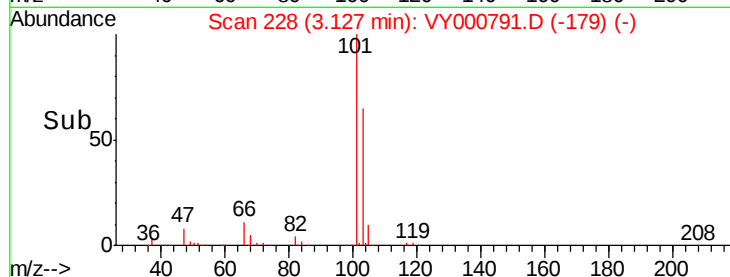
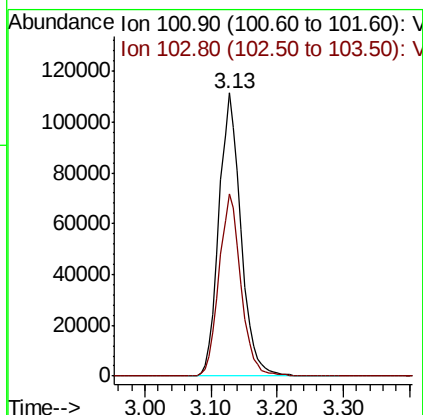
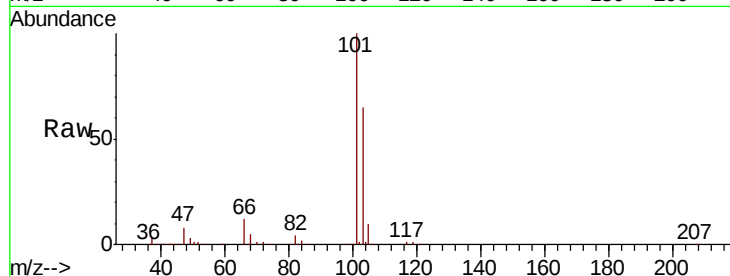


#7

Trichlorofluoromethane
 Concen: 51.677 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Instrument :
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 VSTDCCC050EC

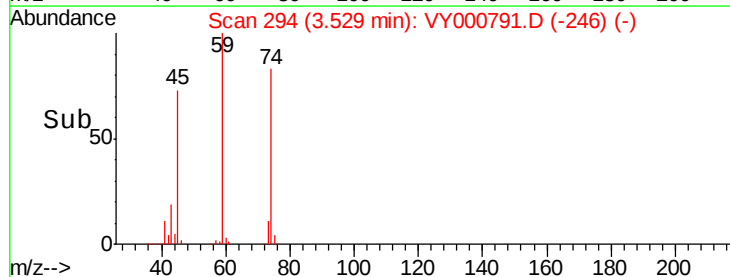
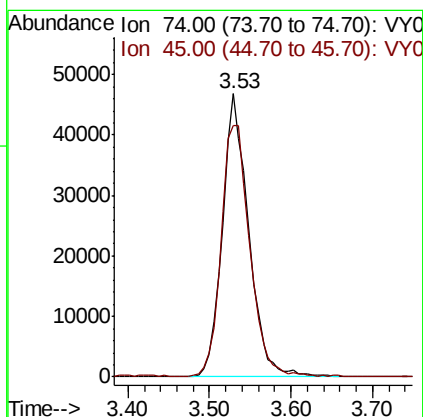
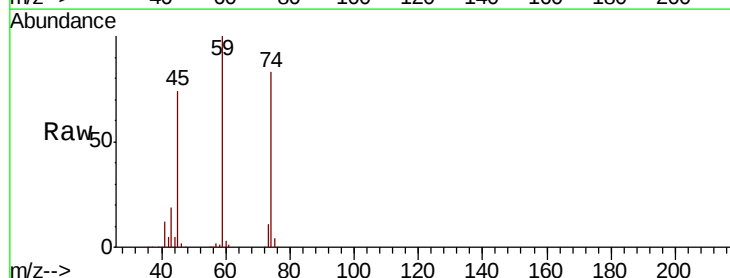
Tot Ion:101 Resp: 256204
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.5 75.7

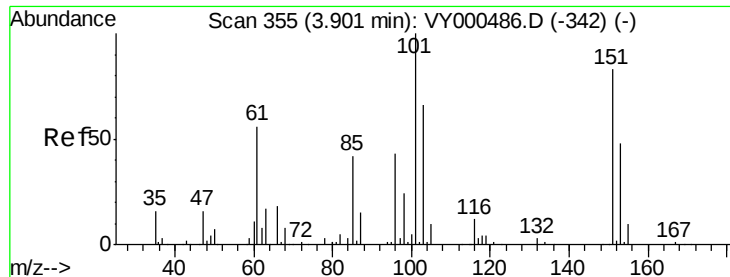


#8

Diethyl Ether
 Concen: 59.043 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion: 74 Resp: 104011
 Ion Ratio Lower Upper
 74 100
 45 97.4 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.814 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

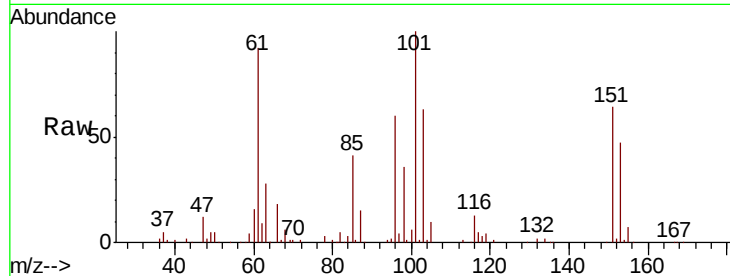
Tot Ion:101 Resp: 158299

Ion Ratio Lower Upper

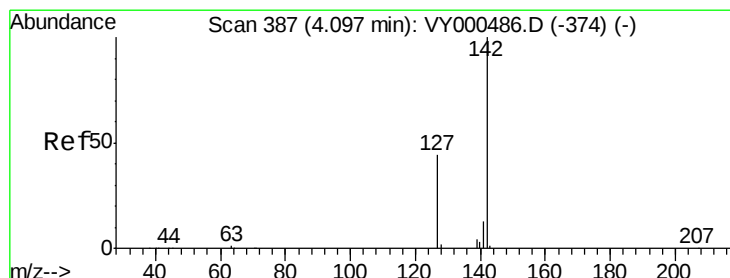
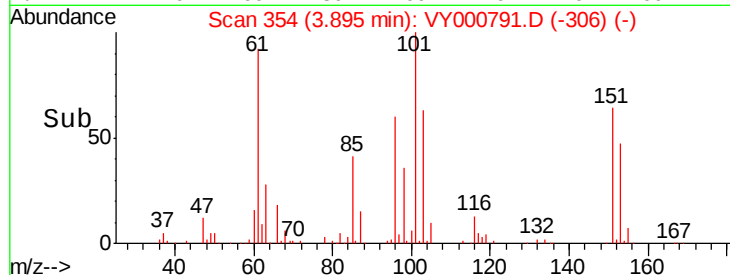
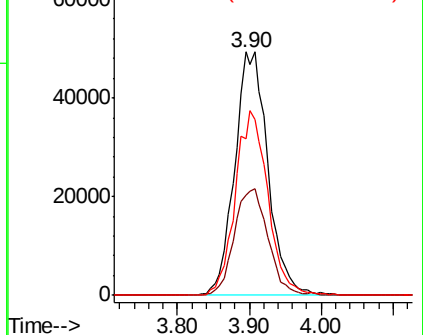
101 100

85 44.9 36.7 55.1

151 74.3 64.3 96.5



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: 50.757 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

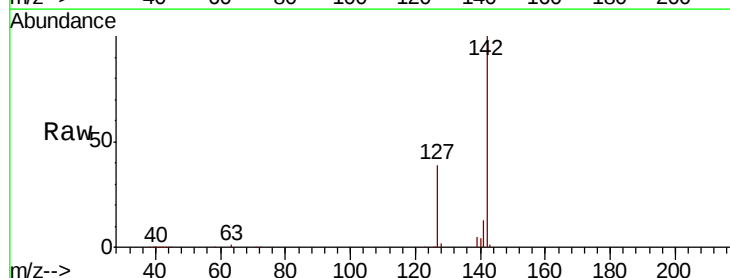
Tgt Ion:142 Resp: 200454

Ion Ratio Lower Upper

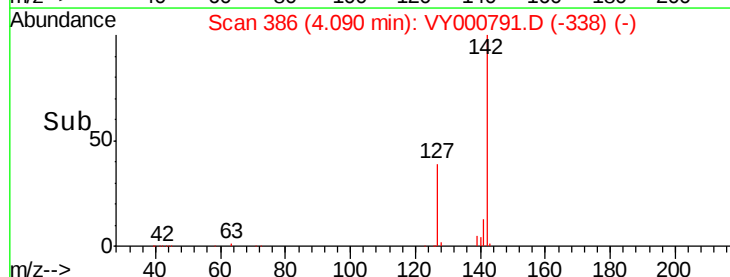
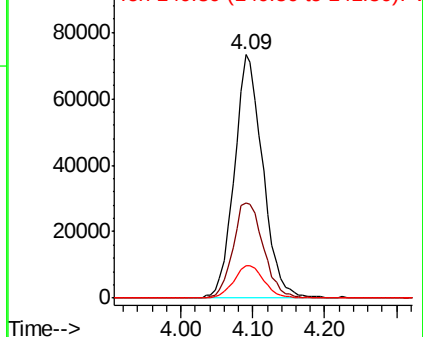
142 100

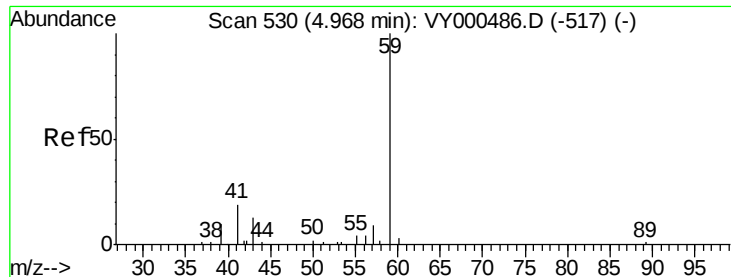
127 41.9 33.7 50.5

141 14.2 10.9 16.3



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

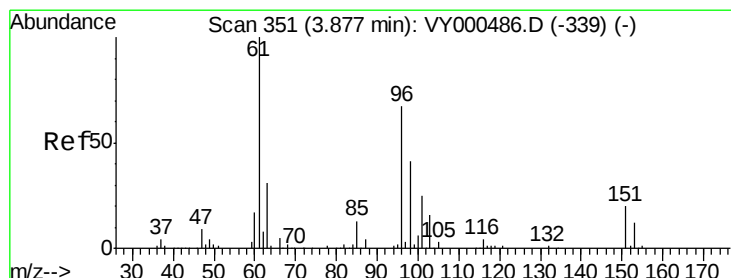
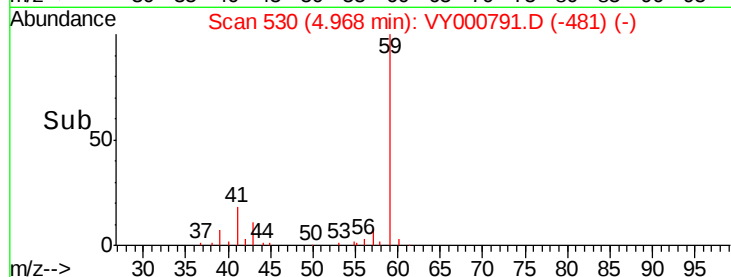
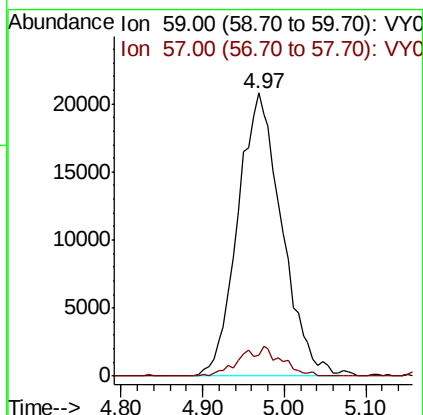
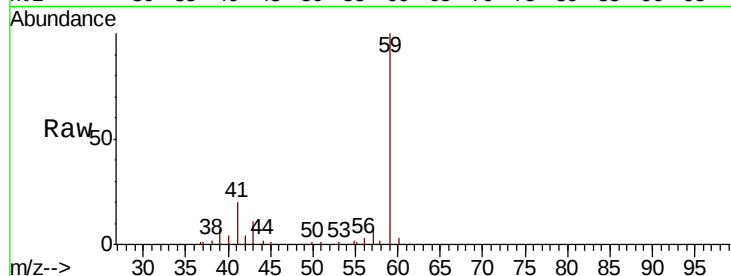




#11
Tert butyl alcohol
Concen: 265.469 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

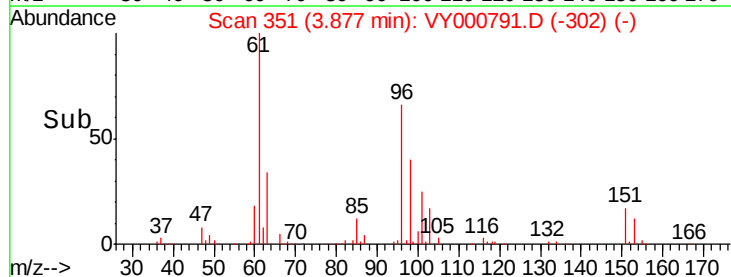
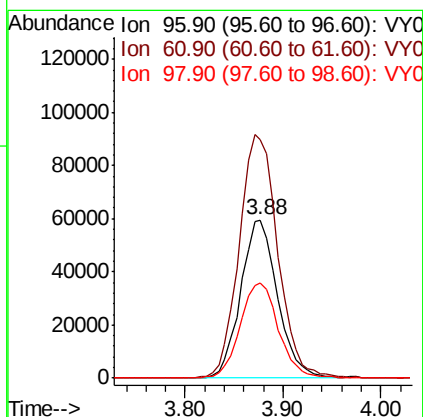
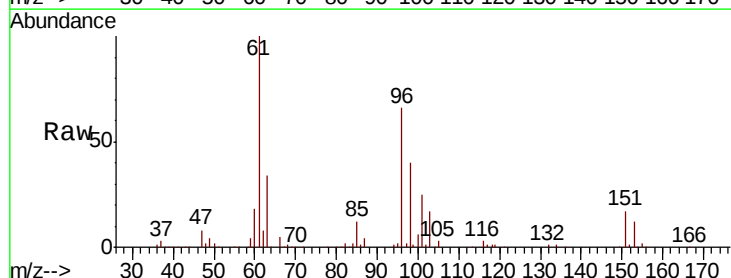
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

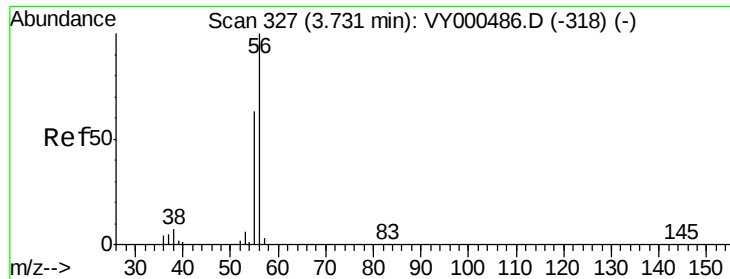
Tot Ion: 59 Resp: 77963
Ion Ratio Lower Upper
59 100
57 4.2 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 53.469 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion: 96 Resp: 155704
Ion Ratio Lower Upper
96 100
61 150.4 119.2 178.8
98 59.7 48.6 73.0





#13

Acrolein

Concen: 221.554 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

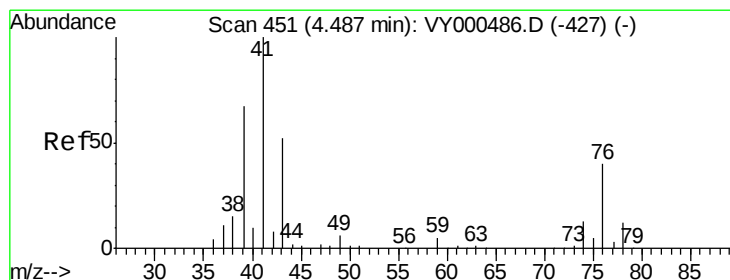
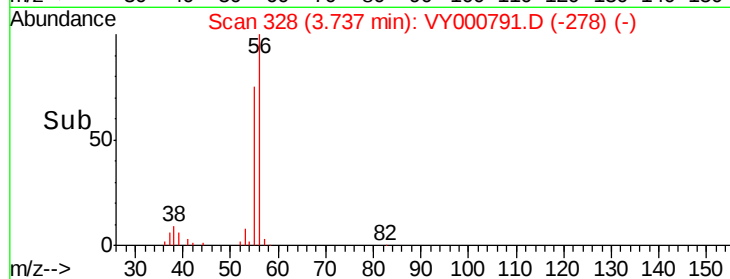
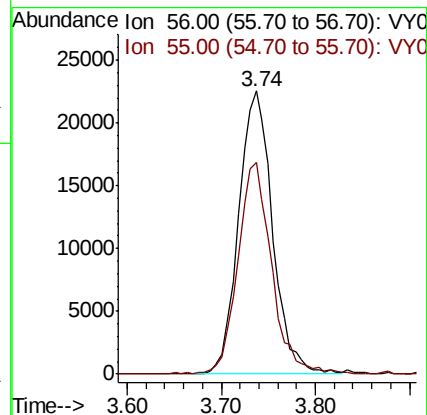
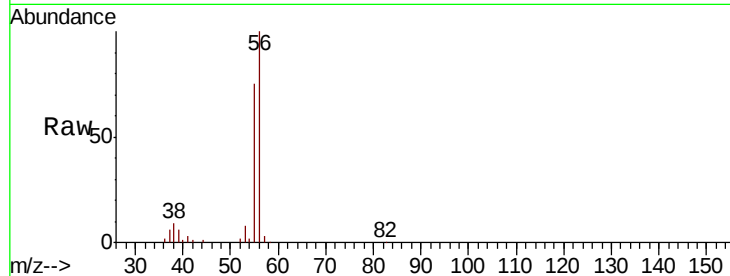
VSTDCCC050EC

Tot Ion: 56 Resp: 56676

Ion Ratio Lower Upper

56 100

55 74.3 57.0 85.6



#14

Allyl chloride

Concen: 60.860 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

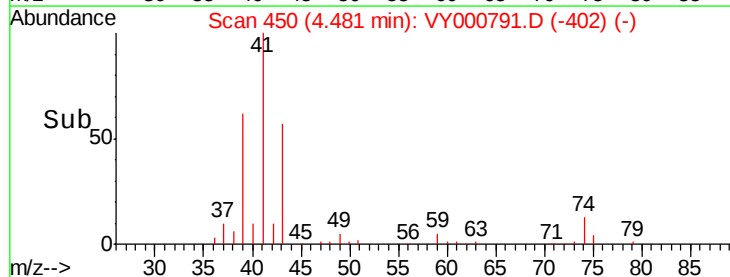
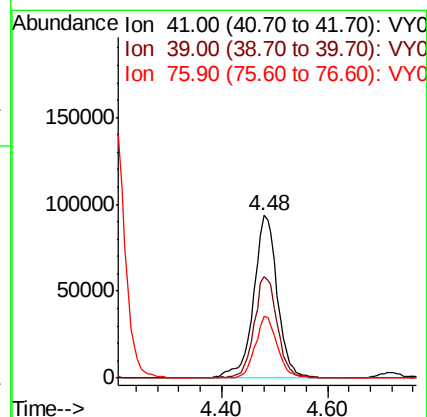
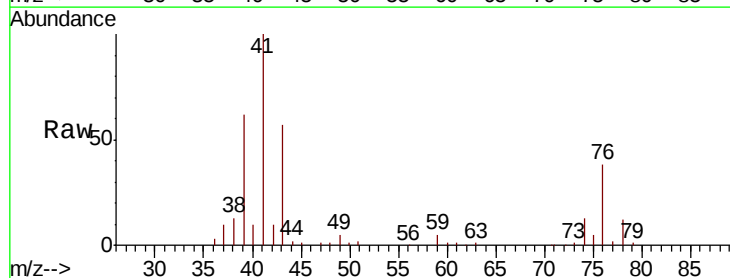
Tgt Ion: 41 Resp: 288183

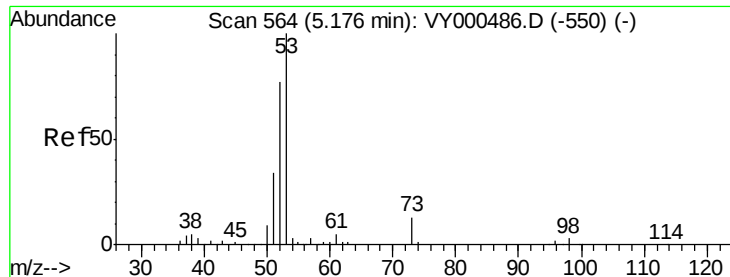
Ion Ratio Lower Upper

41 100

39 60.8 53.6 80.4

76 35.1 29.8 44.6





#15

Acrylonitrile

Concen: 298.969 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

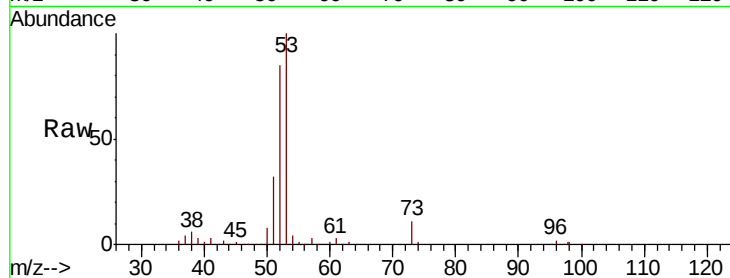
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 269796

Ion	Ratio	Lower	Upper
53	100		
52	82.0	64.9	97.3
51	34.9	27.6	41.4

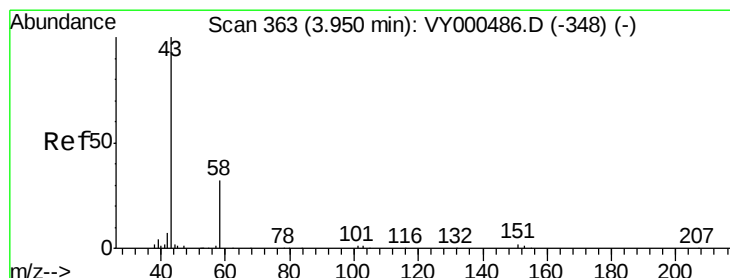
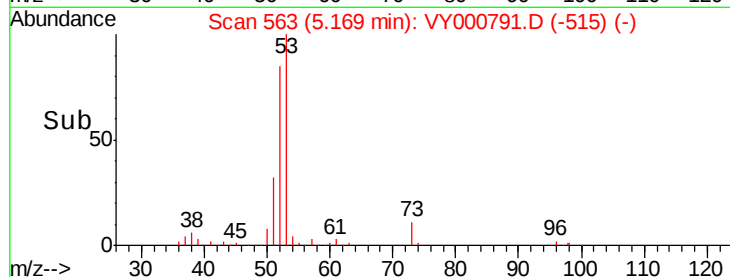


Abundance

Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 228.900 ug/l

RT: 3.95 min Scan# 363

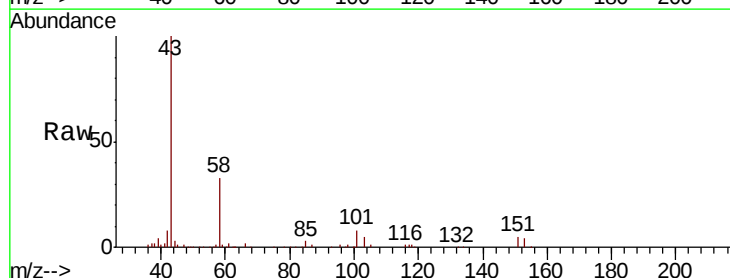
Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Tgt Ion: 43 Resp: 190331

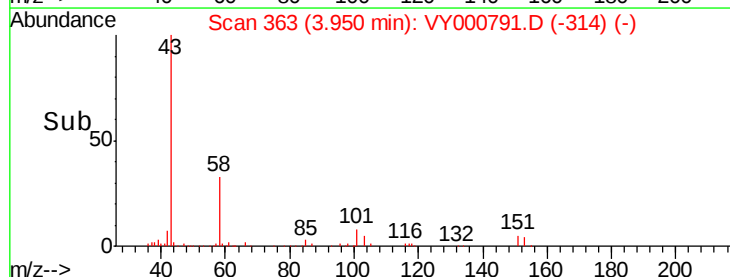
Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.8	38.6

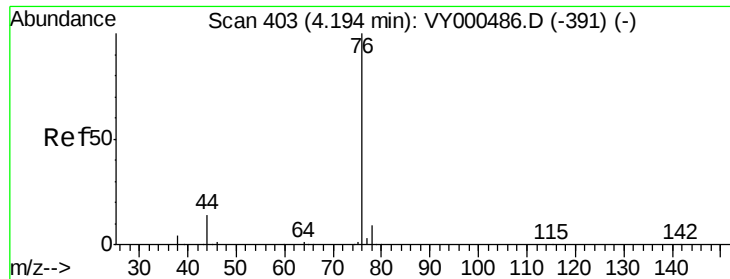


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

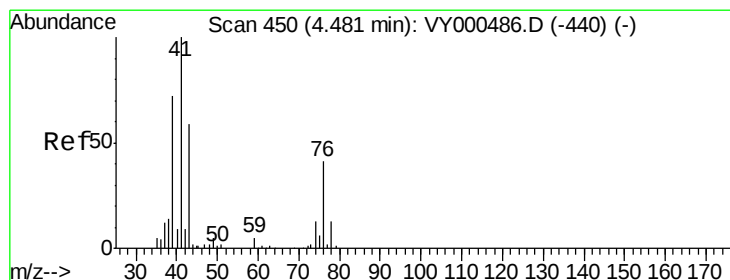
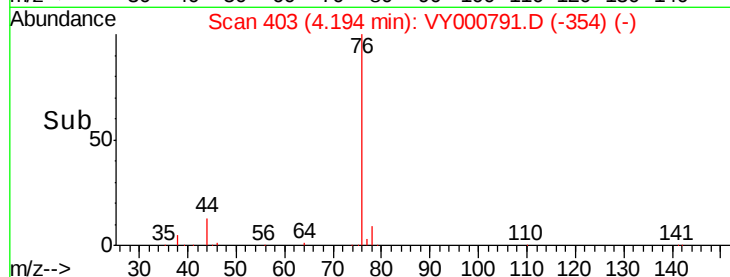
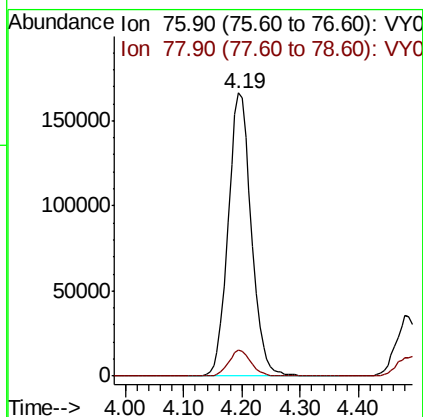
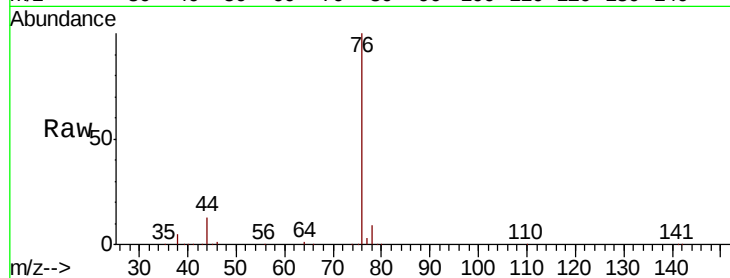




#17
Carbon Disulfide
Concen: 50.082 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

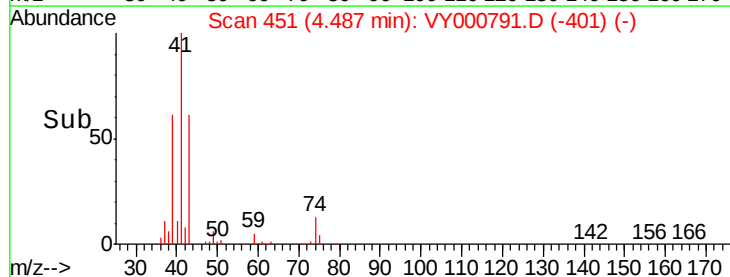
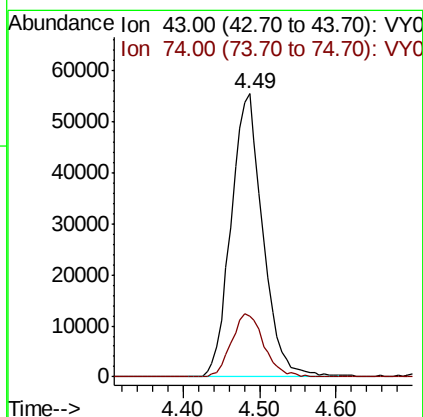
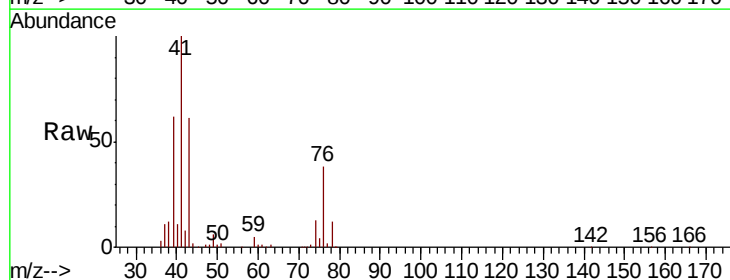
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

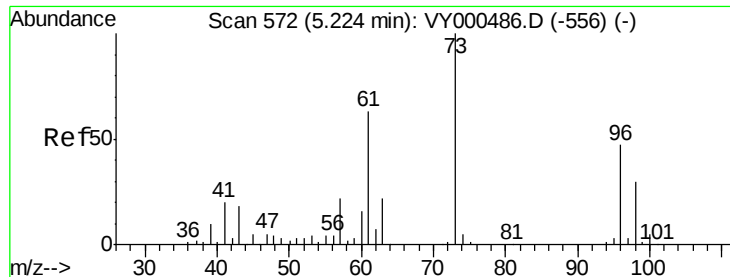
Tot Ion: 76 Resp: 459986
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 61.824 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion: 43 Resp: 159842
Ion Ratio Lower Upper
43 100
74 22.8 19.2 28.8

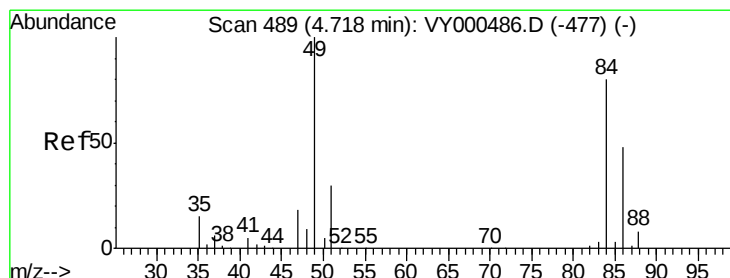
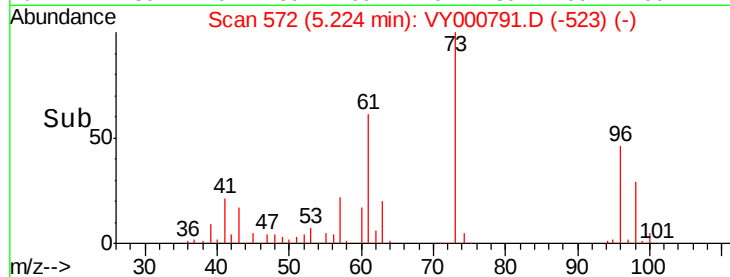
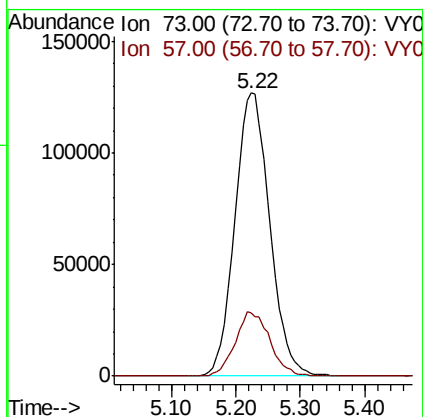
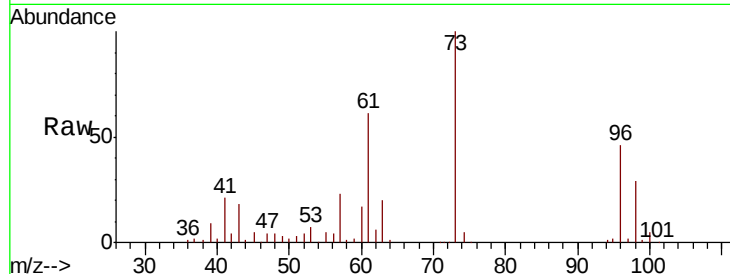




#19
Methyl tert-butyl Ether
Concen: 58.615 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

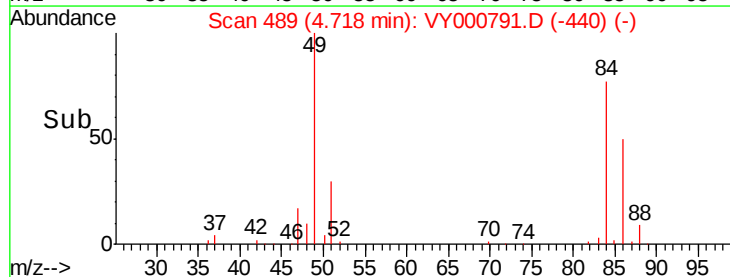
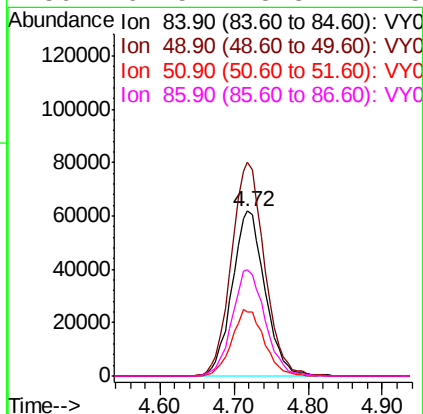
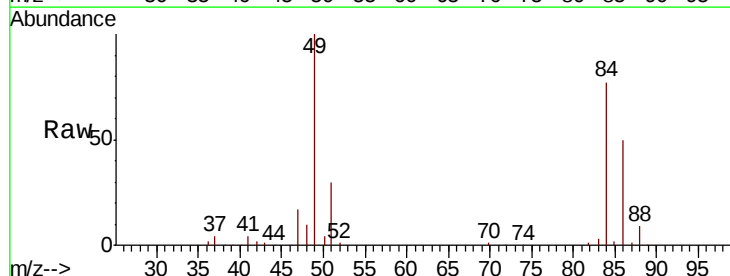
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

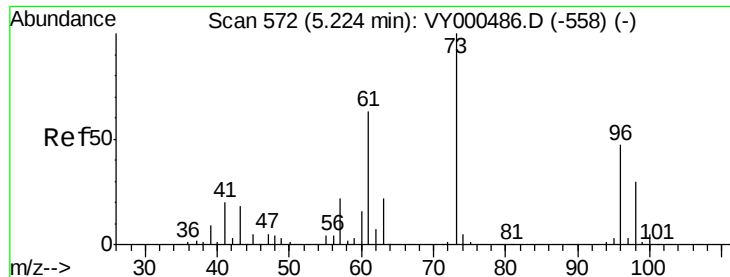
Tot Ion: 73 Resp: 474579
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.0



#20
Methylene Chloride
Concen: 53.747 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion: 84 Resp: 191495
Ion Ratio Lower Upper
84 100
49 129.7 100.2 150.4
51 38.9 29.6 44.4
86 64.5 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 55.438 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

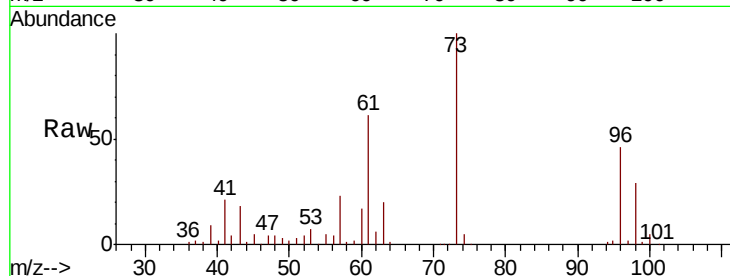
Tot Ion: 96 Resp: 182510

Ion Ratio Lower Upper

96 100

61 132.4 106.6 160.0

98 62.7 50.6 76.0

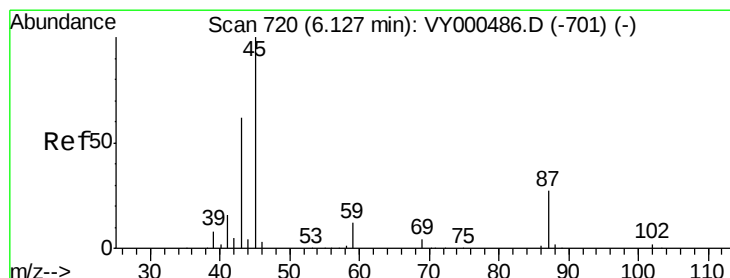
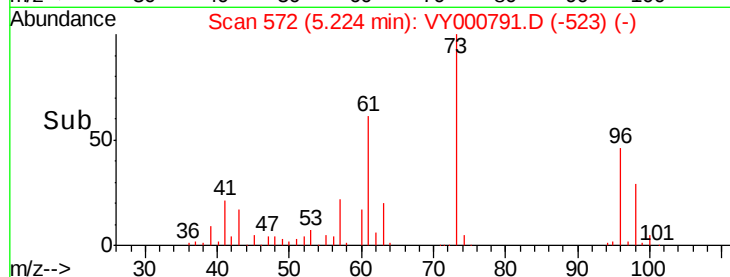
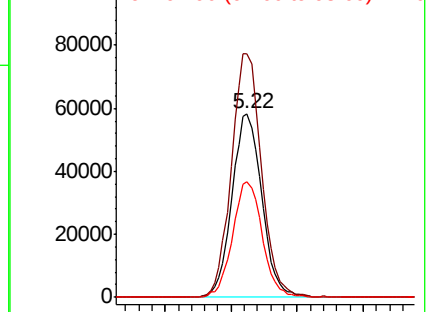


Abundance

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: 61.023 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Tgt Ion: 45 Resp: 628054

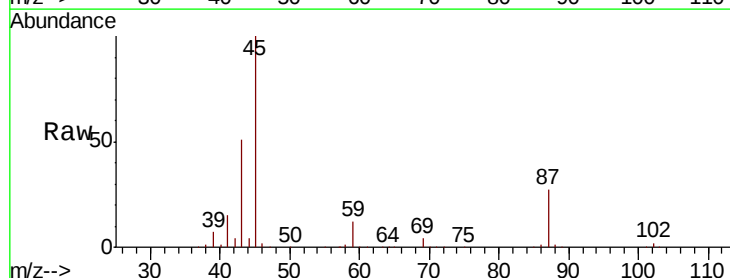
Ion Ratio Lower Upper

45 100

43 50.3 50.0 75.0

87 27.3 21.6 32.4

59 11.8 9.5 14.3



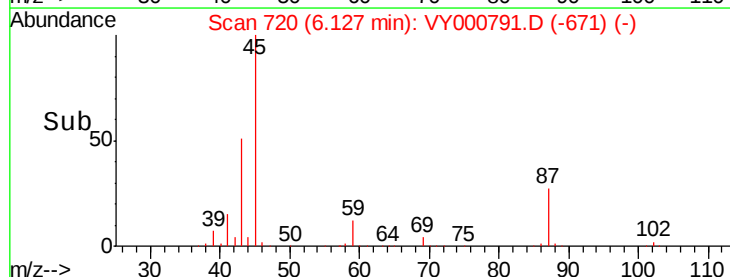
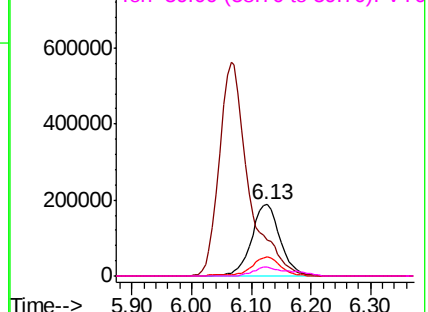
Abundance

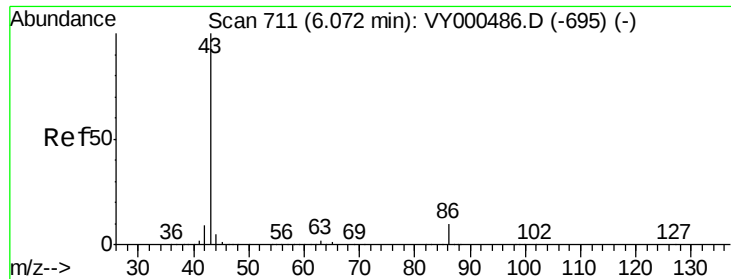
Ion 45.00 (44.70 to 45.70): VY0

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: 295.261 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

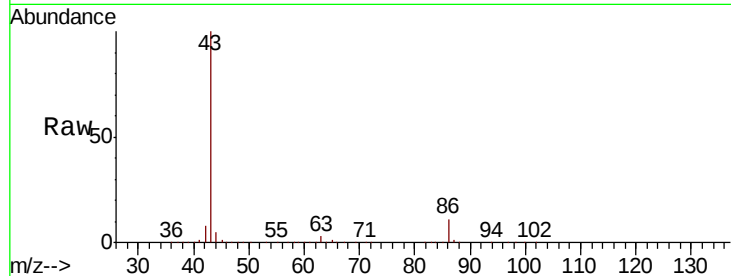
VSTDCCC050EC

Tot Ion: 43 Resp: 1918282

Ion Ratio Lower Upper

43 100

86 10.8 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

600000

500000

400000

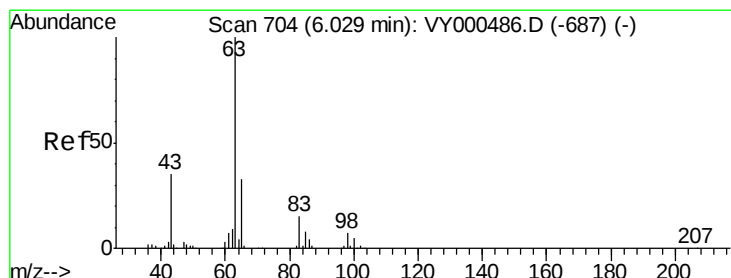
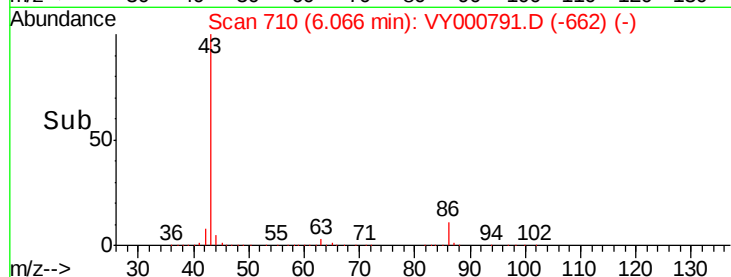
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 59.054 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

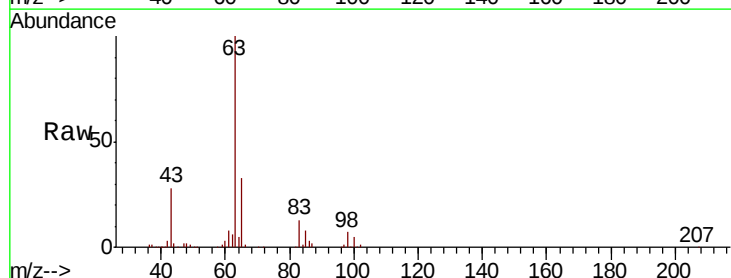
Tgt Ion: 63 Resp: 329263

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

100 4.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

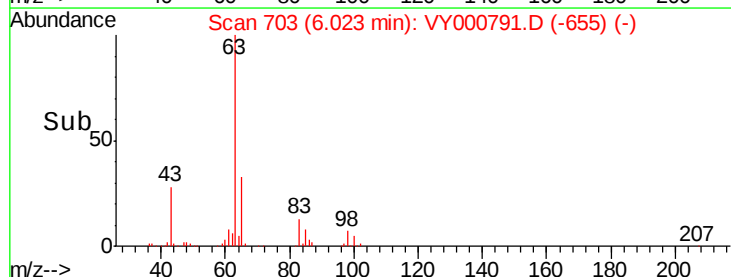
6.02

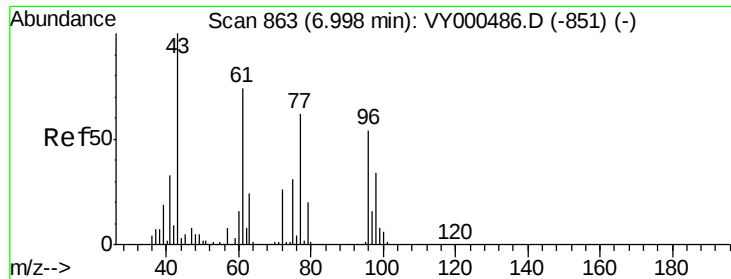
100000

50000

0

Time-->





#25

2-Butanone

Concen: 269.586 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

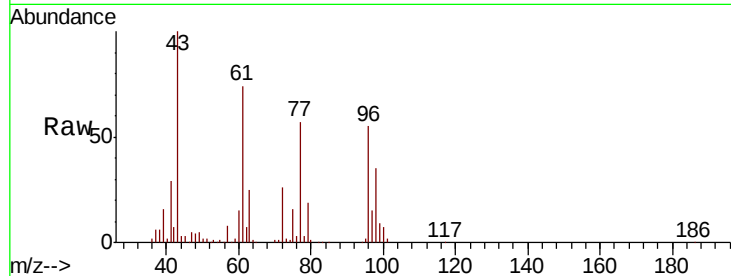
VSTDCCC050EC

Tot Ion: 43 Resp: 357747

Ion Ratio Lower Upper

43 100

72 26.3 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

150000

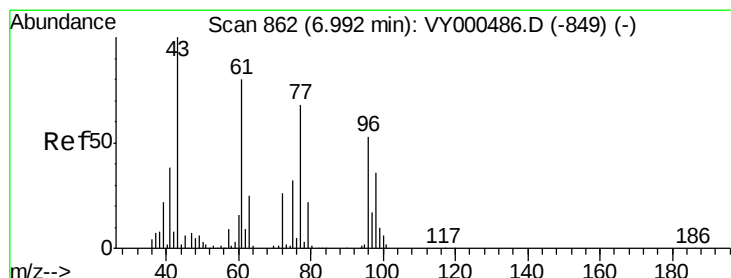
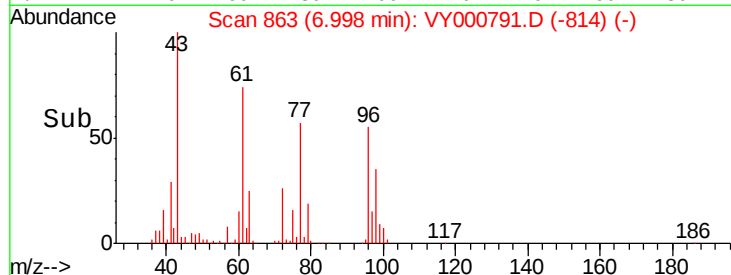
100000

50000

0

6.90 7.00

Time-->



#26

2,2-Dichloropropane

Concen: 54.002 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000791.D

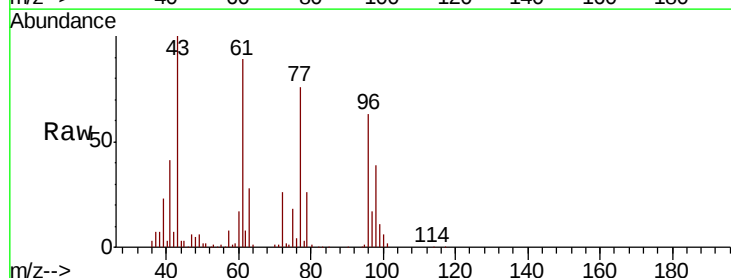
Acq: 22 Nov 2019 17:06

Tgt Ion: 77 Resp: 275162

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

100000

80000

60000

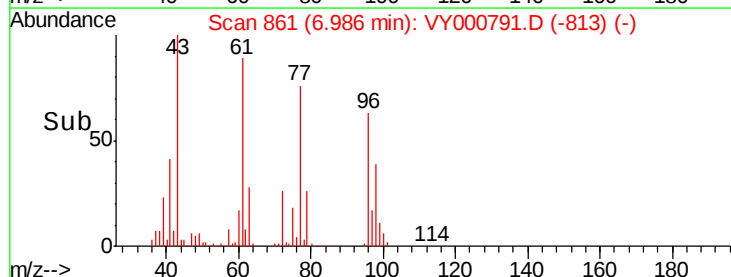
40000

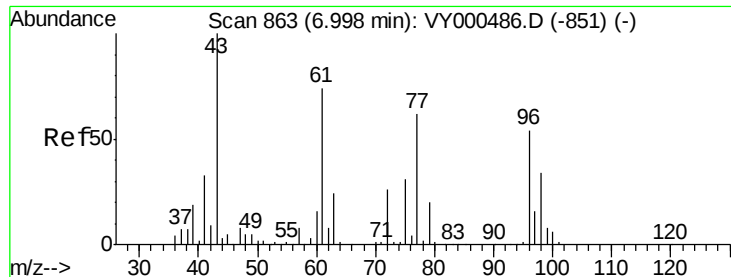
20000

0

6.90 7.00 7.10

Time-->



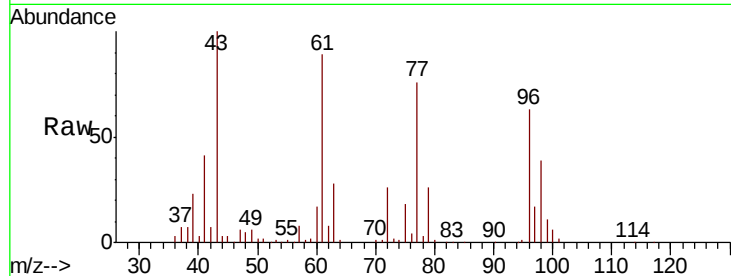


#27

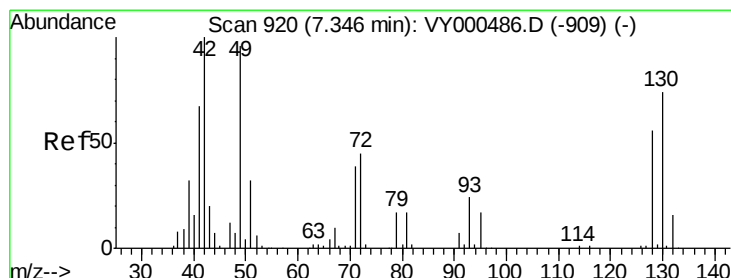
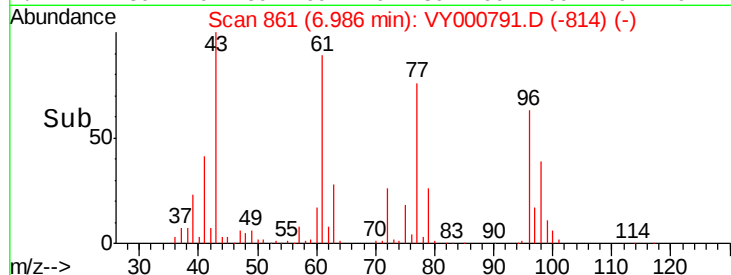
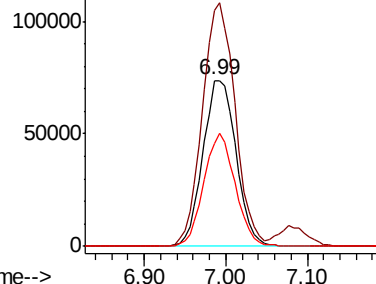
cis-1,2-Dichloroethene
Concen: 57.593 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 207326
Ion Ratio Lower Upper
96 100
61 144.3 0.0 287.0
98 64.5 0.0 129.4



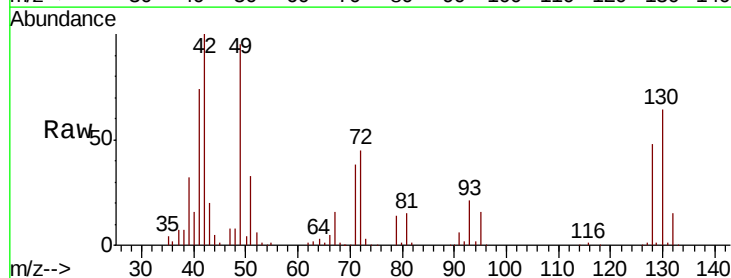
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



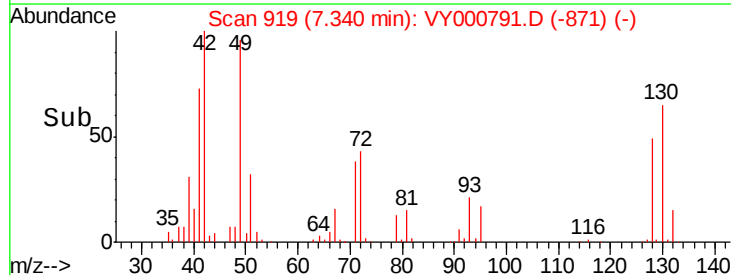
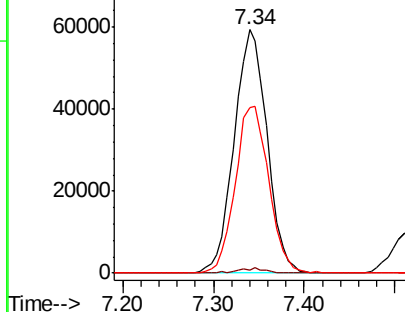
#28

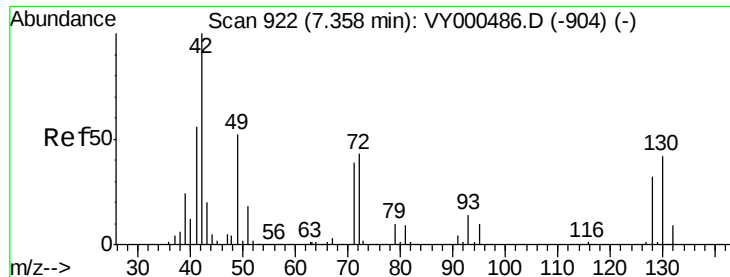
Bromochloromethane
Concen: 57.944 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion: 49 Resp: 149145
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 69.9 59.4 89.0



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

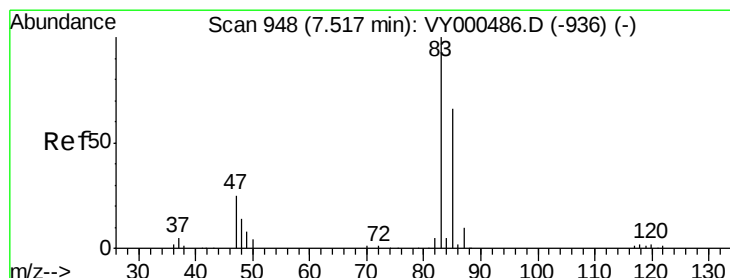
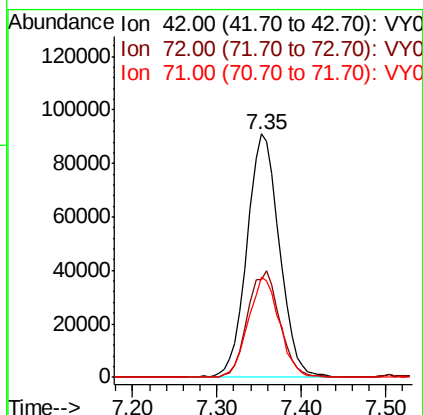
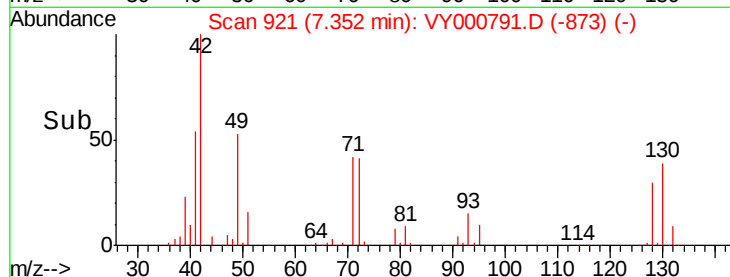
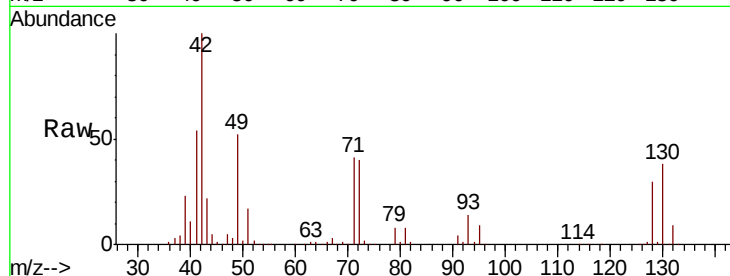




#29
Tetrahydrofuran
Concen: 293.800 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

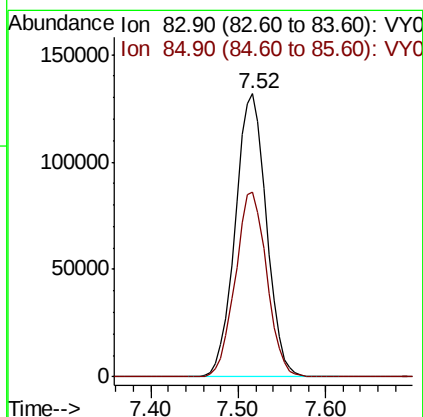
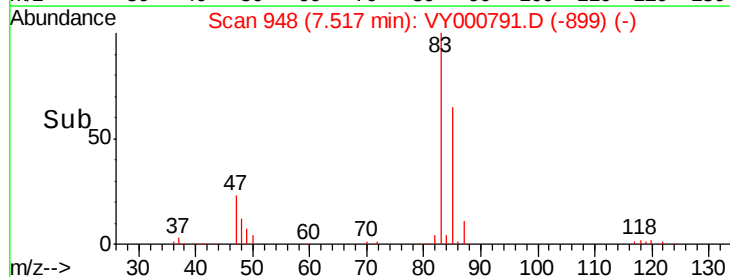
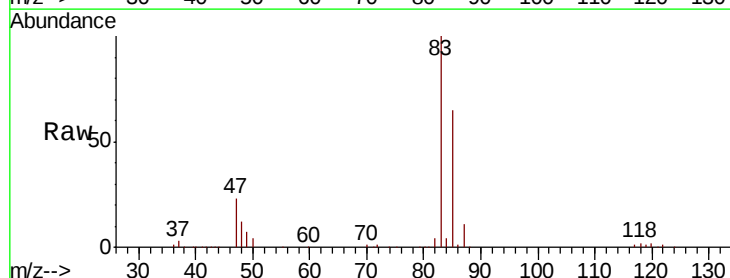
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

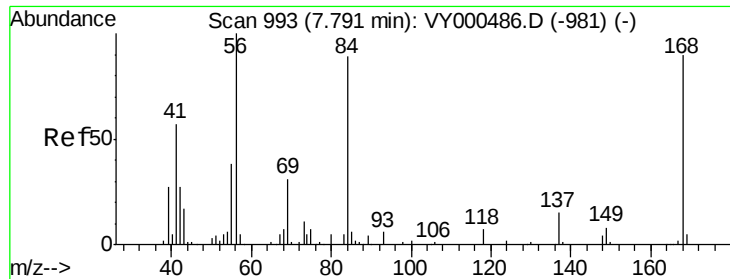
Tot Ion: 42 Resp: 238514
Ion Ratio Lower Upper
42 100
72 43.3 34.0 51.0
71 39.6 30.8 46.2



#30
Chloroform
Concen: 57.821 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion: 83 Resp: 326135
Ion Ratio Lower Upper
83 100
85 65.2 53.0 79.4

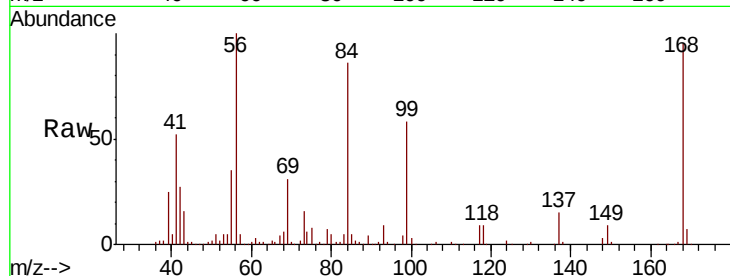




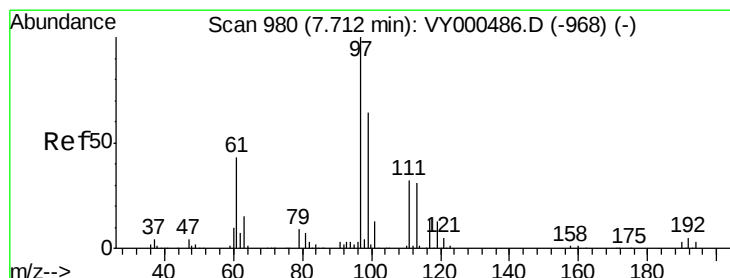
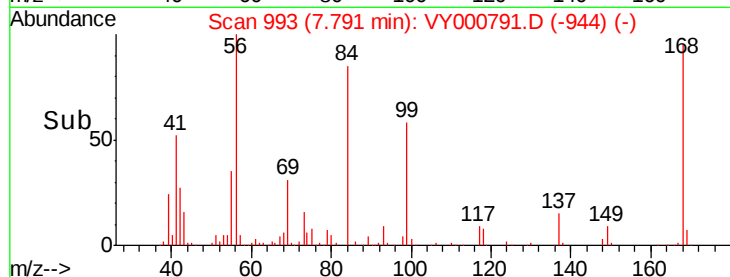
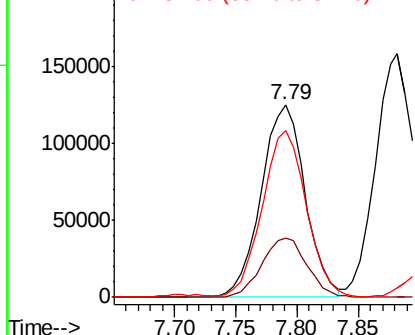
#31
Cyclohexane
Concen: 53.603 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 313034
Ion Ratio Lower Upper
56 100
69 31.1 25.0 37.6
84 85.4 71.4 107.2

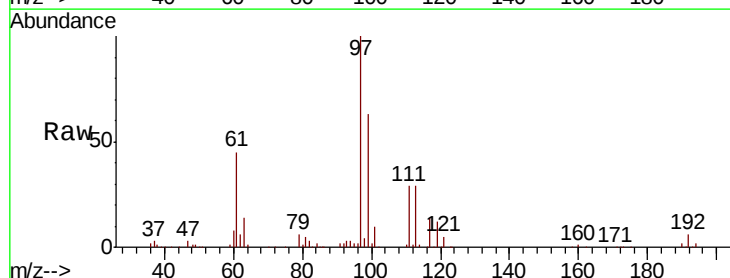


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

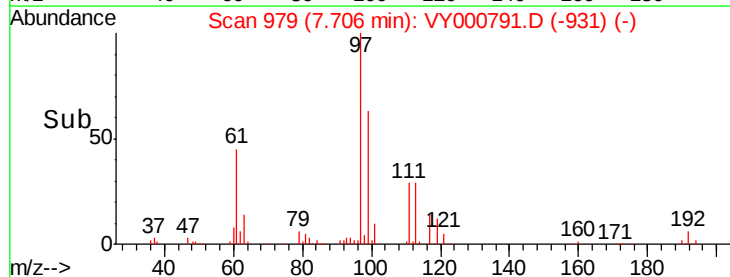
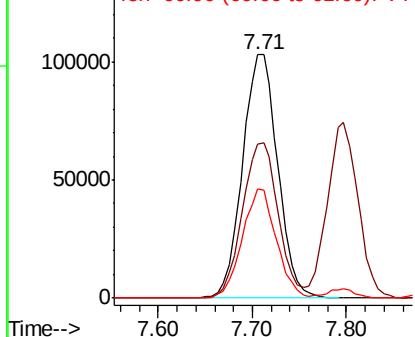


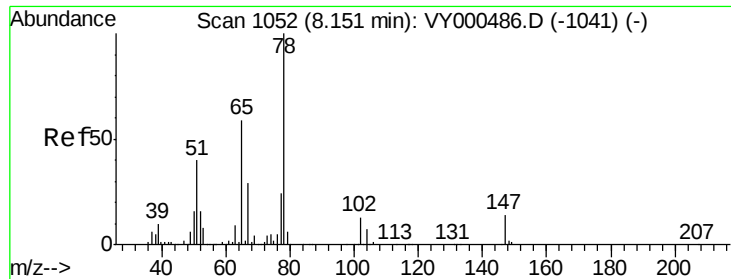
#32
1,1,1-Trichloroethane
Concen: 53.565 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion: 97 Resp: 269265
Ion Ratio Lower Upper
97 100
99 64.8 50.9 76.3
61 43.4 34.9 52.3



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

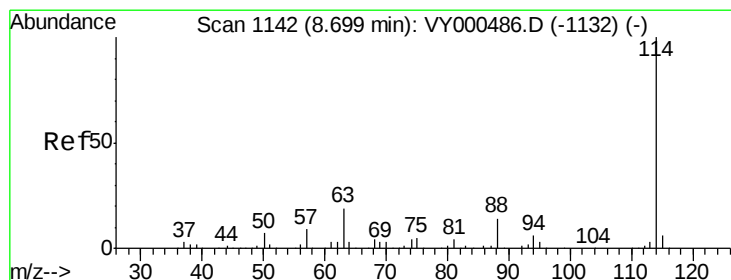
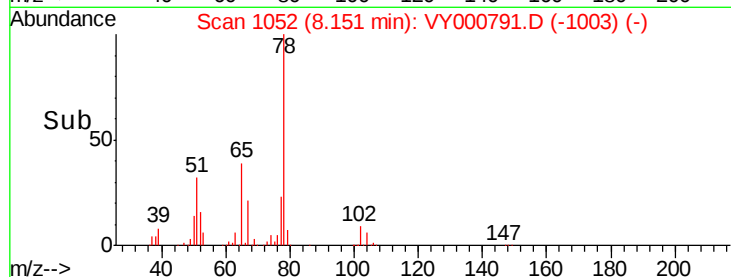
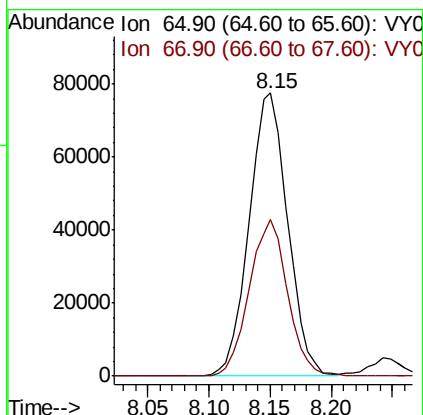
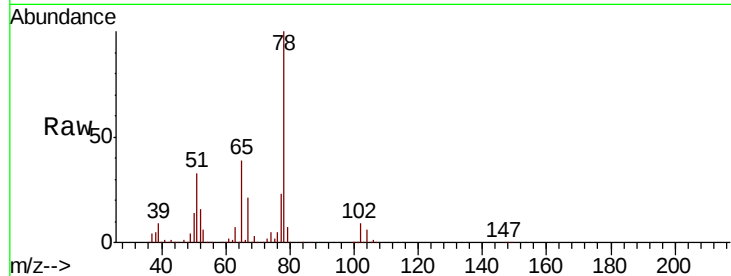




#33
 1,2-Dichloroethane-d4
 Concen: 56.483 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

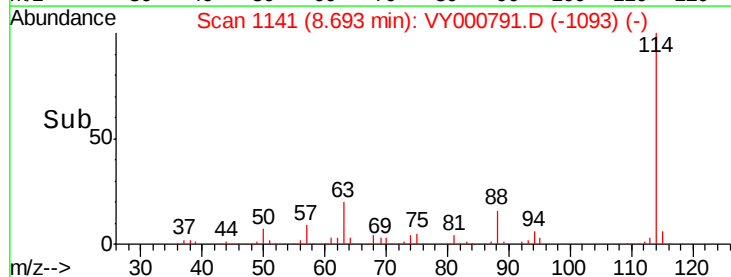
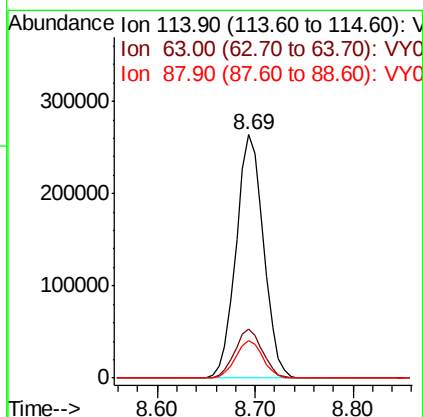
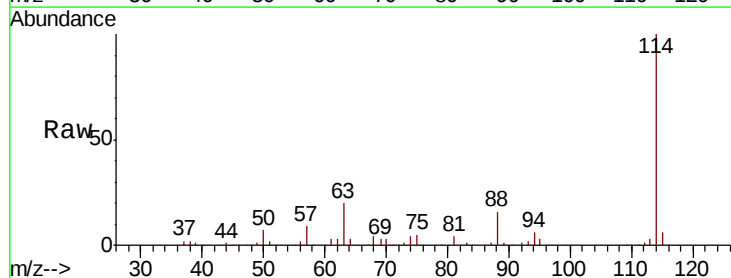
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

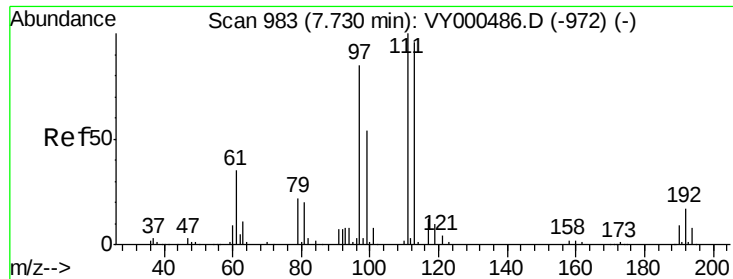
Tot Ion: 65 Resp: 170406
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion: 114 Resp: 514560
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.0
 88 15.6 0.0 28.6

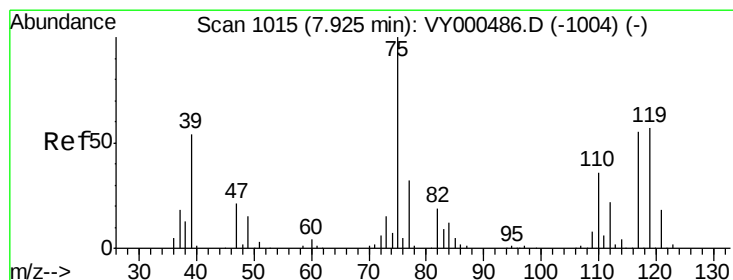
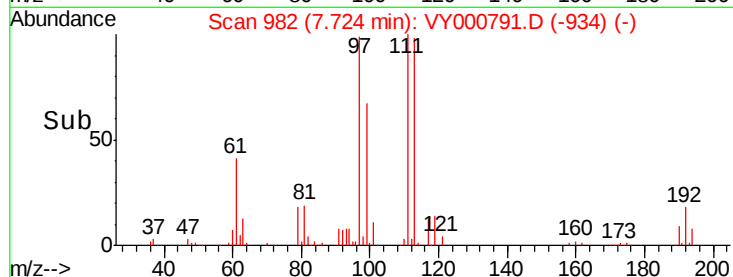
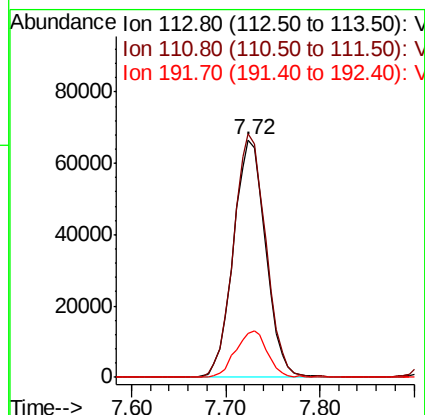
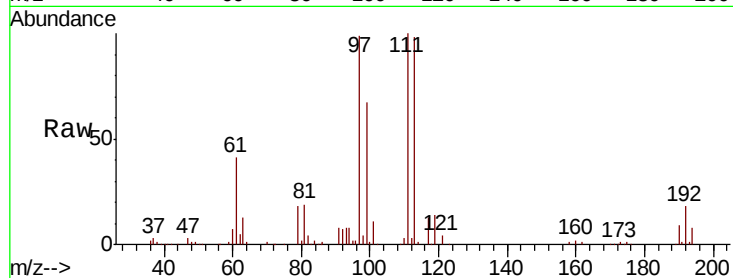




#35
 Dibromofluoromethane
 Concen: 52.575 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

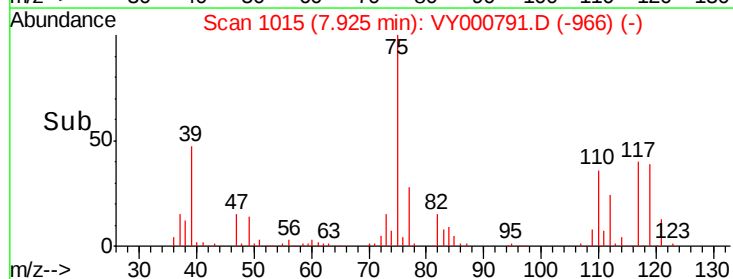
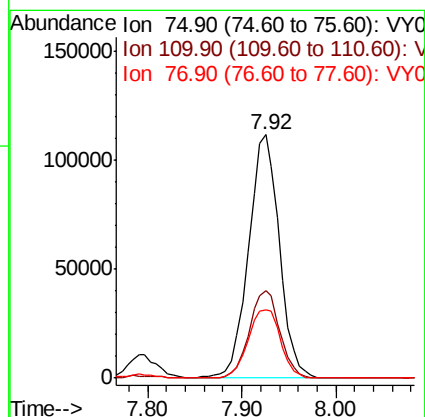
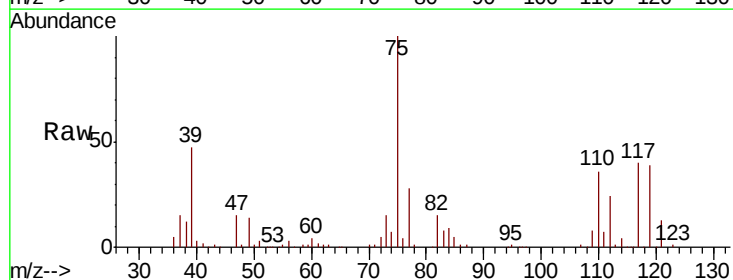
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

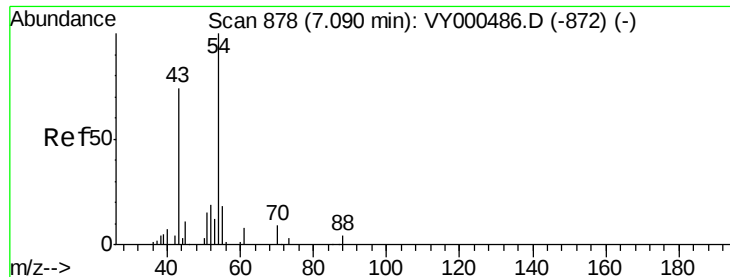
Tot Ion:113 Resp: 158819
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 19.2 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 52.202 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion: 75 Resp: 253933
 Ion Ratio Lower Upper
 75 100
 110 35.6 18.1 54.1
 77 30.0 25.0 37.6

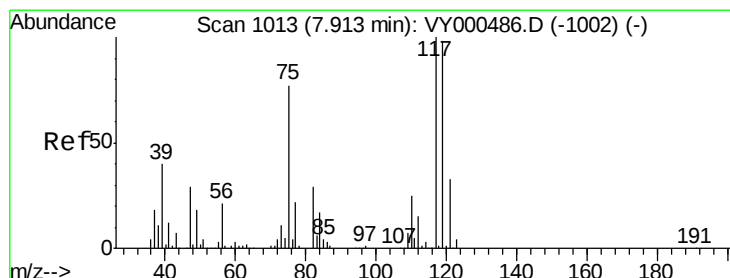
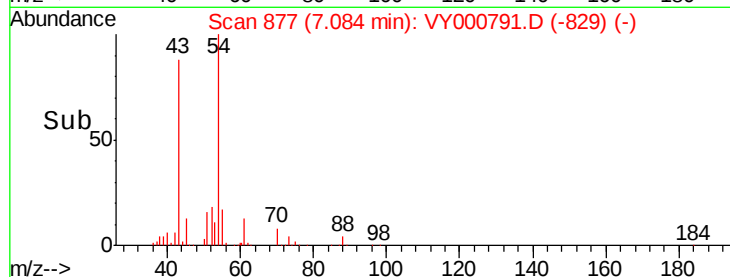
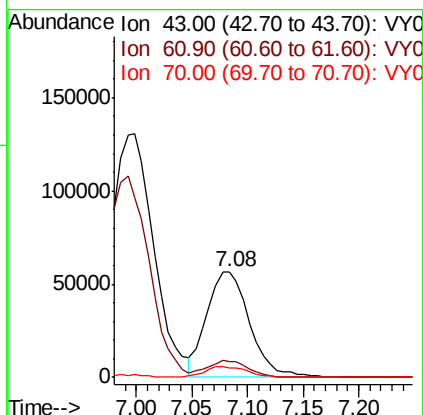
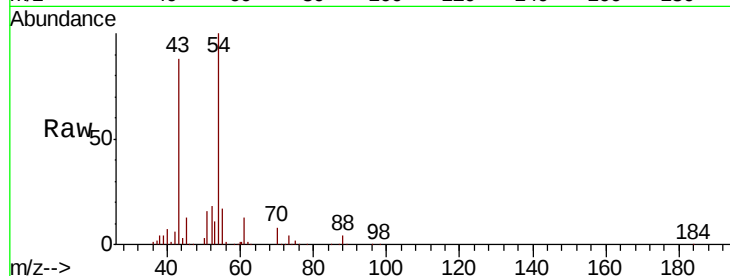




#37
Ethyl Acetate
Concen: 52.134 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

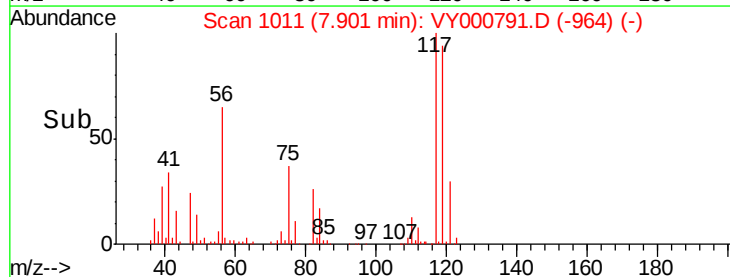
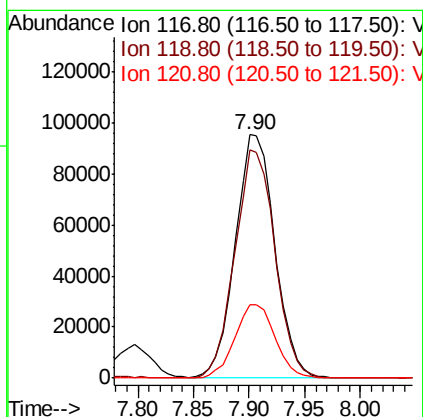
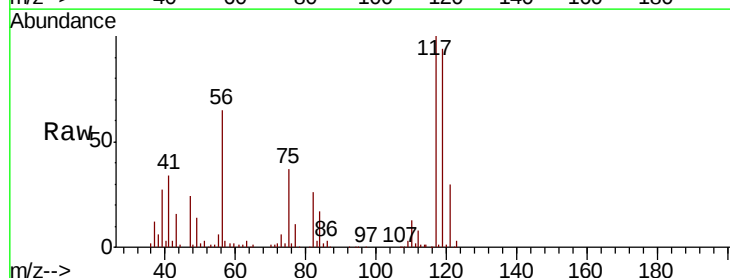
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

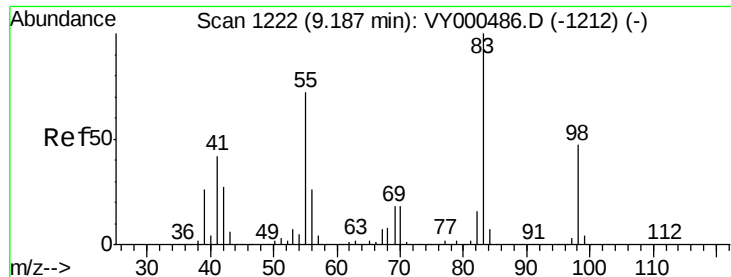
Tot Ion: 43 Resp: 150563
Ion Ratio Lower Upper
43 100
61 15.2 10.2 15.2
70 10.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 50.386 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion: 117 Resp: 235841
Ion Ratio Lower Upper
117 100
119 93.6 78.0 117.0
121 30.4 26.6 40.0

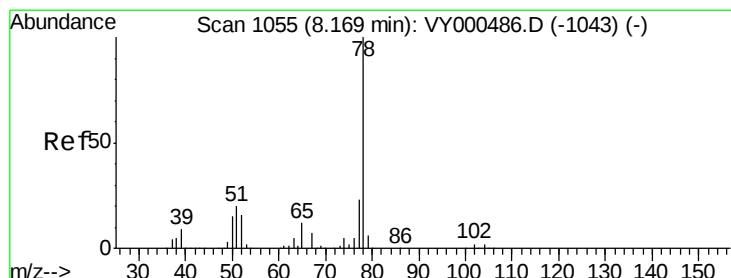
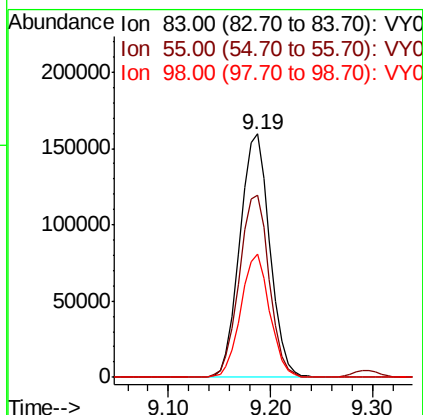
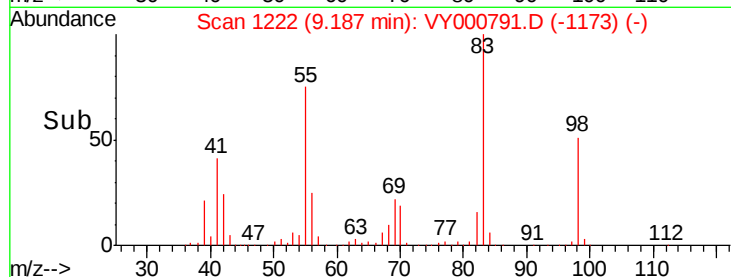
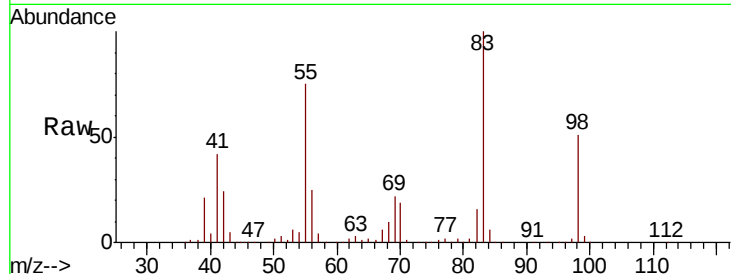




#39
Methvlcvclohexane
Concen: 51.707 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

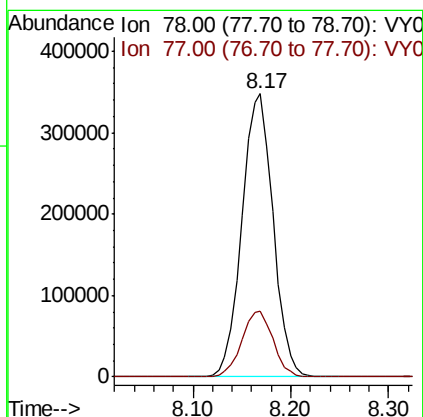
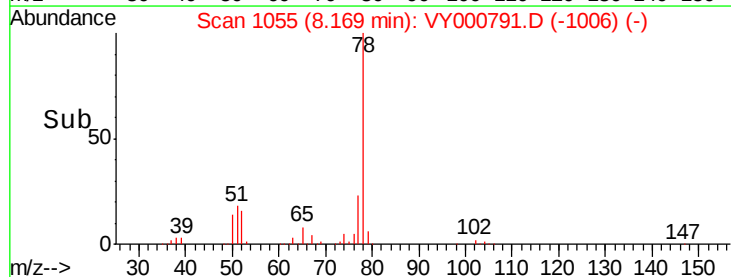
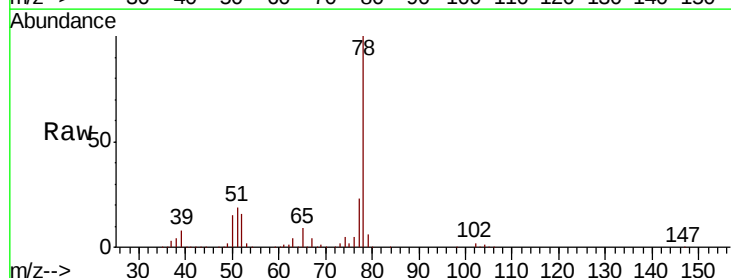
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

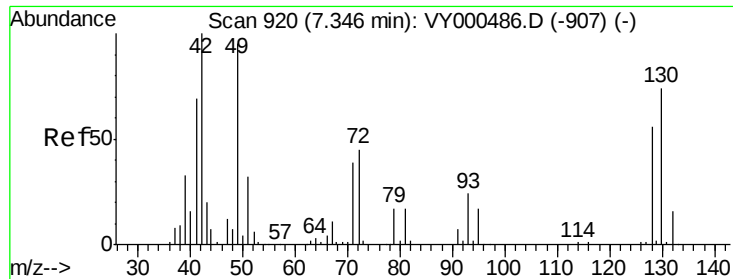
Tot Ion: 83 Resp: 324952
Ion Ratio Lower Upper
83 100
55 75.1 57.5 86.3
98 50.8 38.0 57.0



#40
Benzene
Concen: 53.780 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion: 78 Resp: 766970
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0





#41

Methacrylonitrile

Concen: 129.768 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 209071

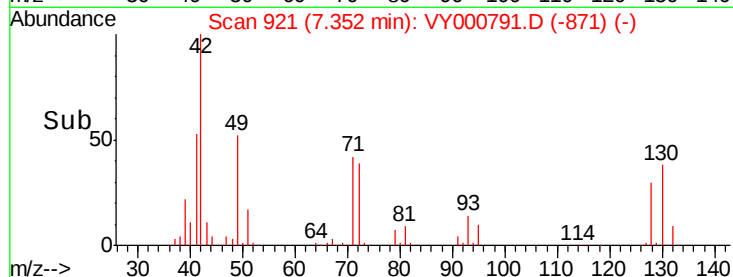
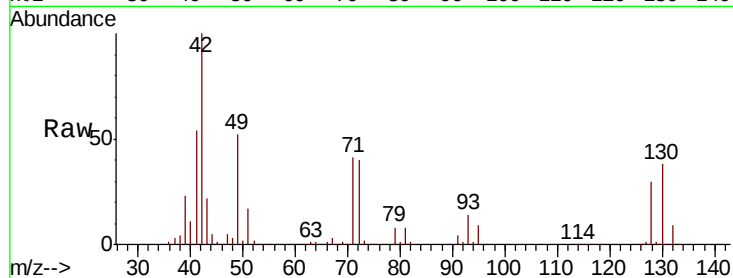
Ion Ratio Lower Upper

41 100

39 45.9 68.2 102.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

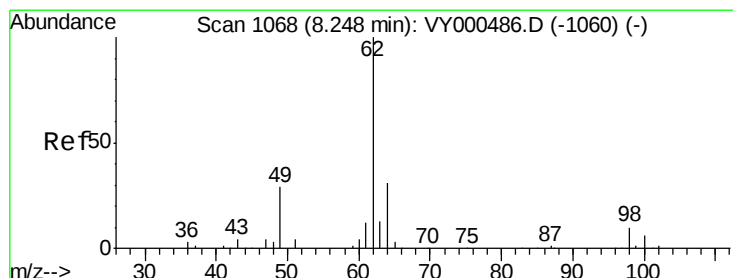
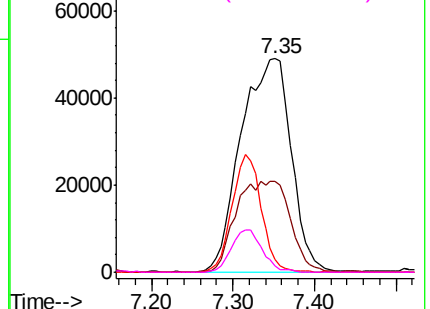


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 52.711 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY000791.D

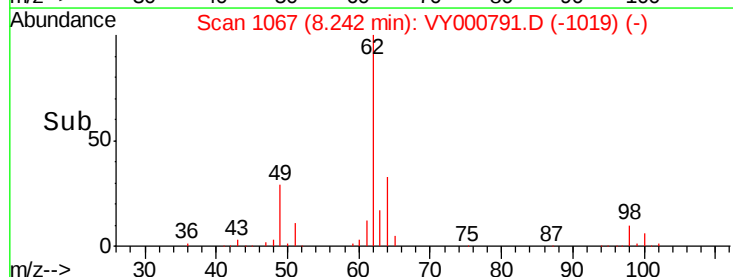
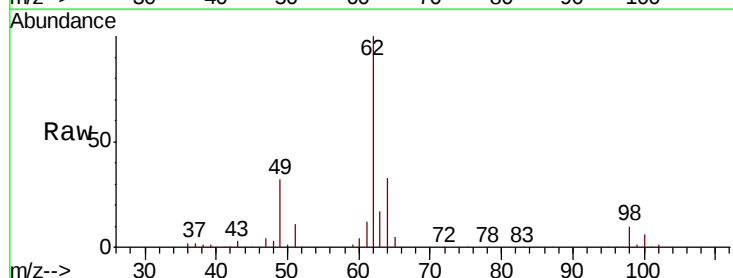
Acq: 22 Nov 2019 17:06

Tgt Ion: 62 Resp: 213211

Ion Ratio Lower Upper

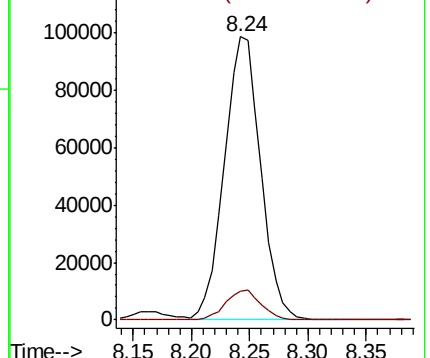
62 100

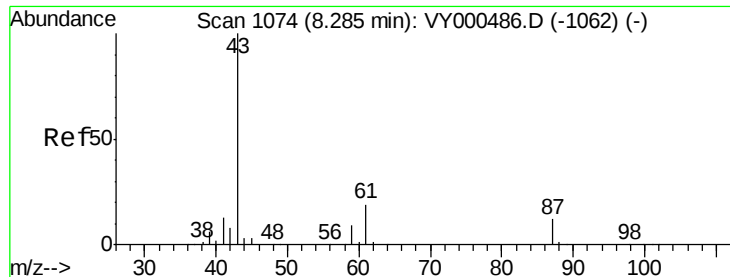
98 10.2 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 54.603 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

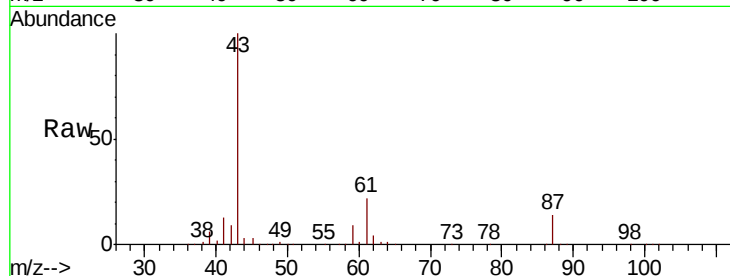
Tot Ion: 43 Resp: 296227

Ion Ratio Lower Upper

43 100

61 29.3 23.0 34.4

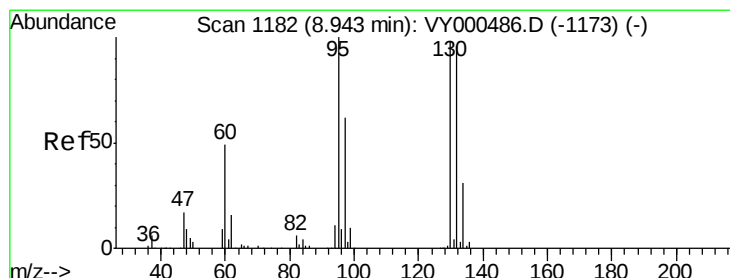
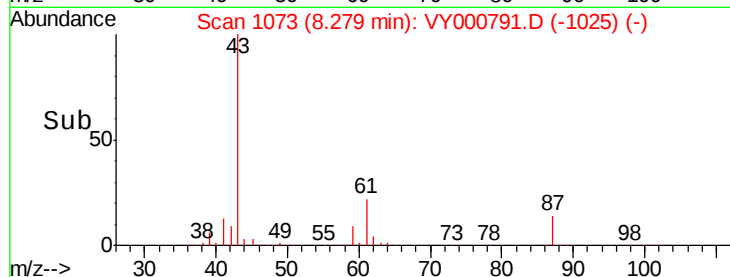
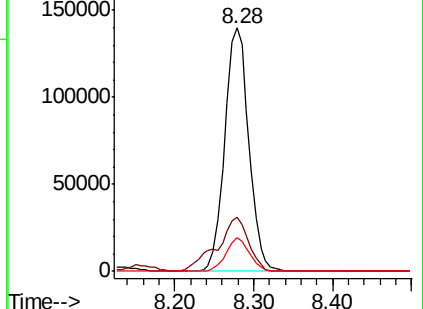
87 13.5 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000791.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000791.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000791.D (-1062) (-)



#44

Trichloroethene

Concen: 51.608 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000791.D

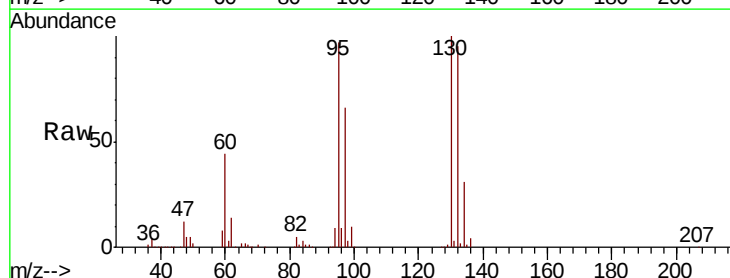
Acq: 22 Nov 2019 17:06

Tgt Ion:130 Resp: 194053

Ion Ratio Lower Upper

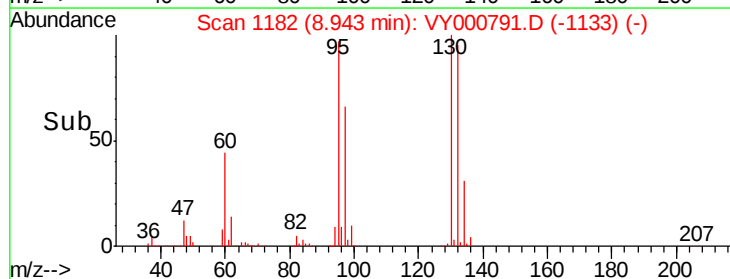
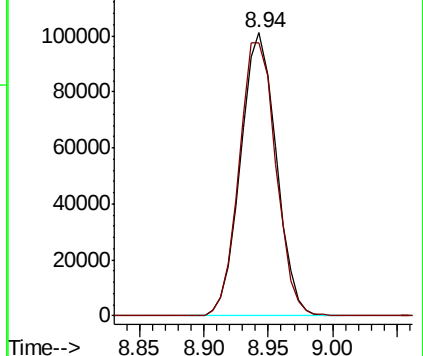
130 100

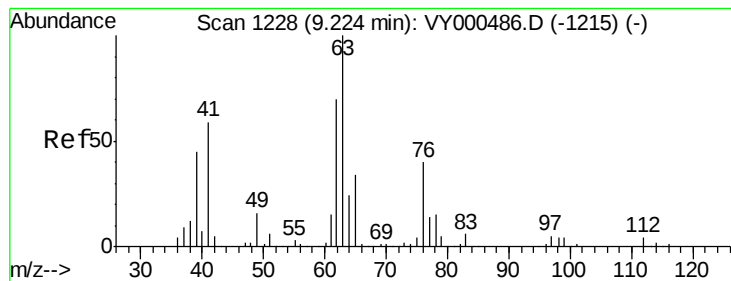
95 96.5 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000791.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000791.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 57.308 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

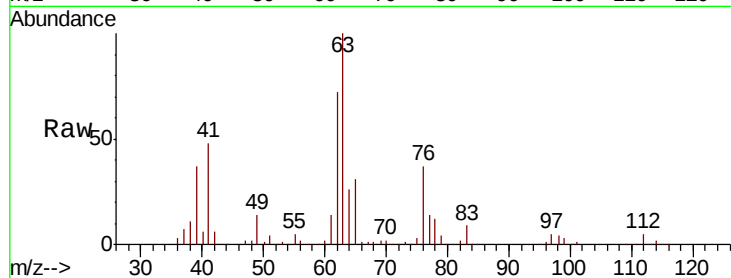
VSTDCCC050EC

Tot Ion: 63 Resp: 201149

Ion Ratio Lower Upper

63 100

65 30.9 27.0 40.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

120000

100000

80000

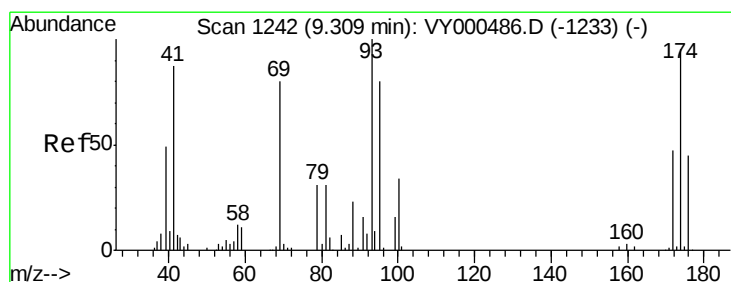
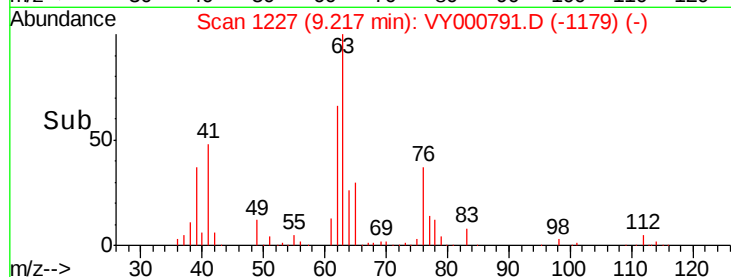
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 53.394 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

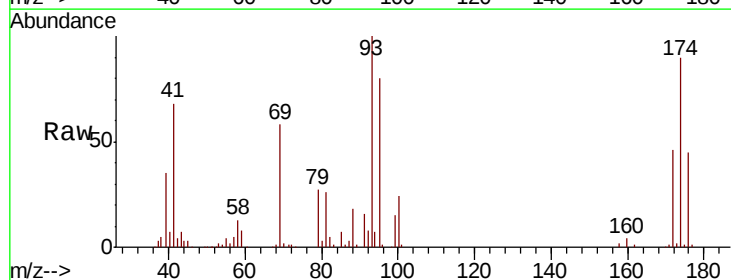
Tgt Ion: 93 Resp: 103069

Ion Ratio Lower Upper

93 100

95 83.1 66.4 99.6

174 93.0 77.1 115.7



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

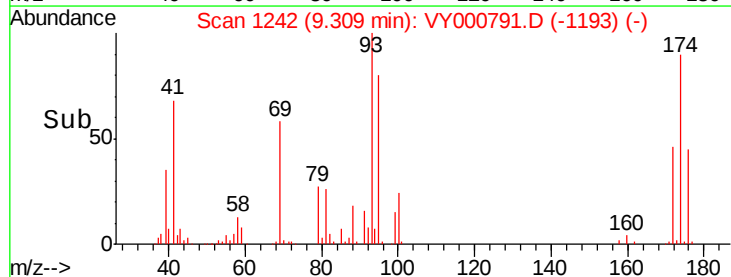
60000

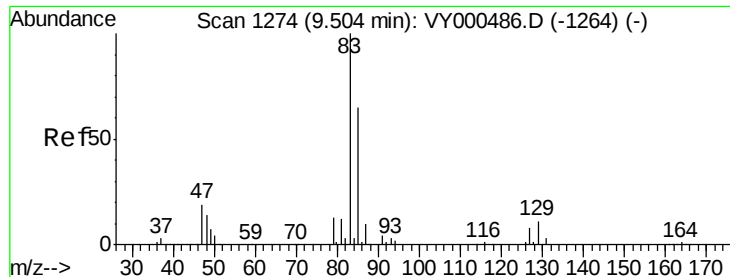
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 55.627 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

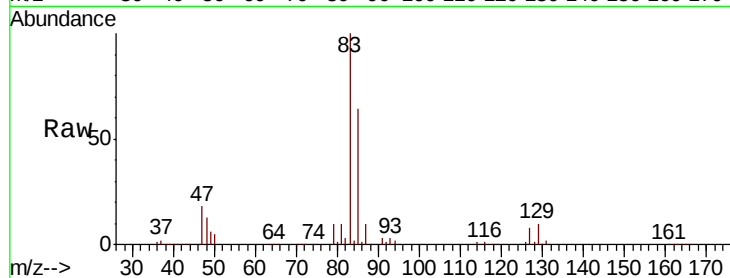
Tot Ion: 83 Resp: 254789

Ion Ratio Lower Upper

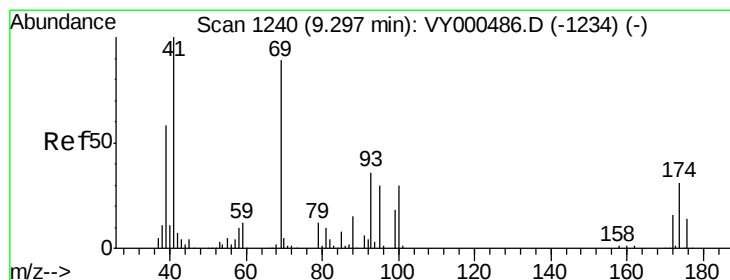
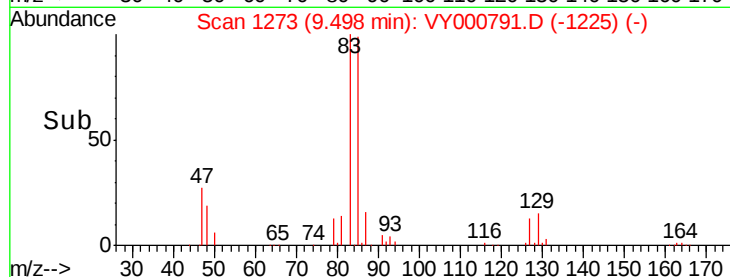
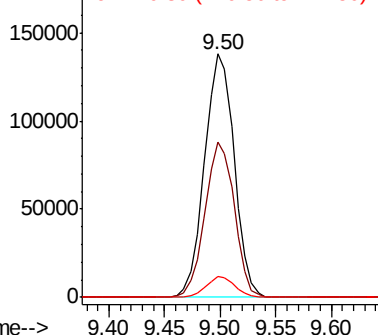
83 100

85 63.6 51.8 77.8

127 8.5 6.7 10.1



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



#48

Methyl methacrylate

Concen: 56.929 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

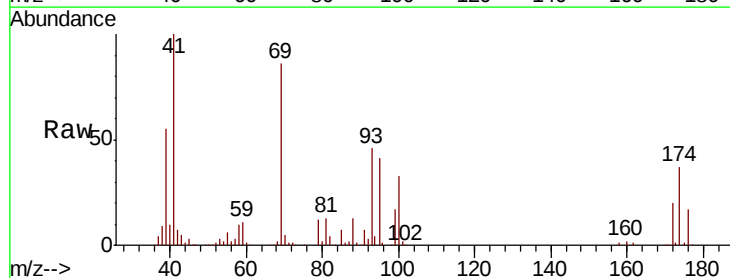
Tgt Ion: 41 Resp: 134943

Ion Ratio Lower Upper

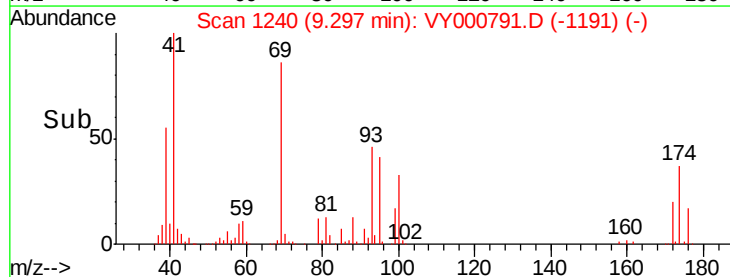
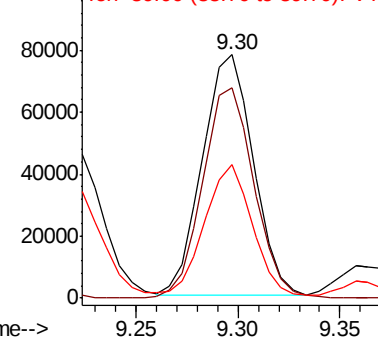
41 100

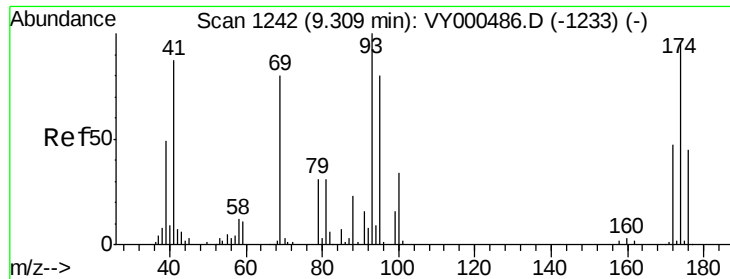
69 88.3 72.5 108.7

39 53.2 47.8 71.8



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





#49

1,4-Dioxane

Concen: 1101.748 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

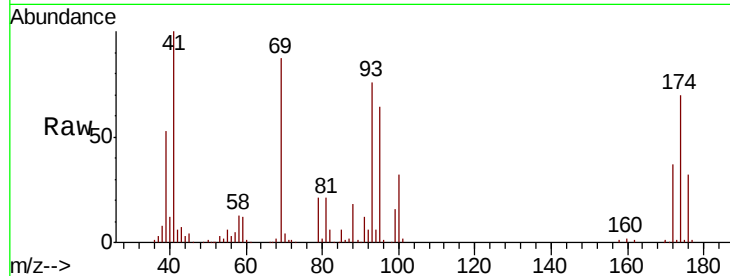
Tot Ion: 88 Resp: 28623

Ion Ratio Lower Upper

88 100

43 30.7 25.1 37.7

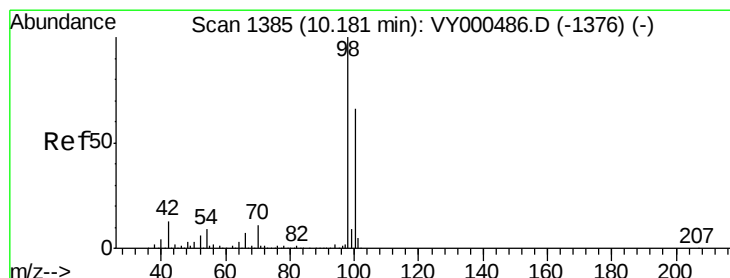
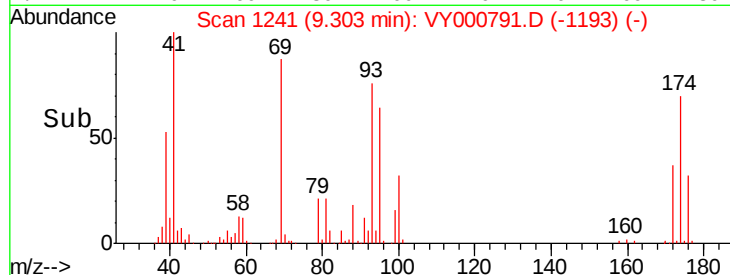
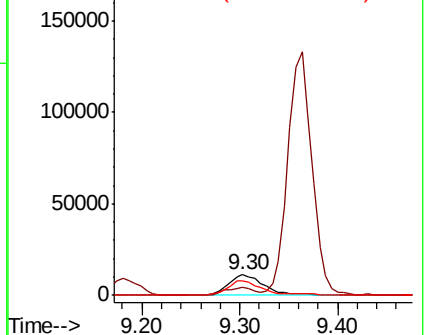
58 72.4 50.6 75.8



Abundance Ion 88.00 (87.70 to 88.70): VY000791.D (-1193) (-)

Ion 43.00 (42.70 to 43.70): VY000791.D (-1193) (-)

Ion 58.00 (57.70 to 58.70): VY000791.D (-1193) (-)



#50

Toluene-d8

Concen: 55.657 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000791.D

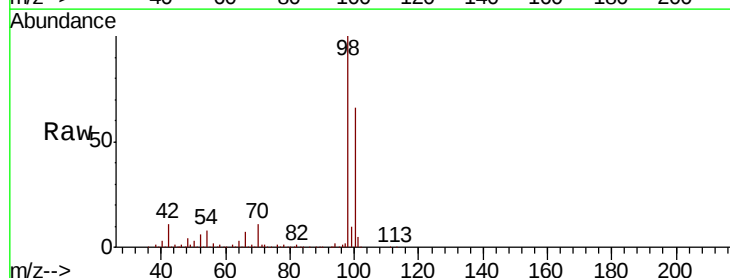
Acq: 22 Nov 2019 17:06

Tgt Ion: 98 Resp: 637961

Ion Ratio Lower Upper

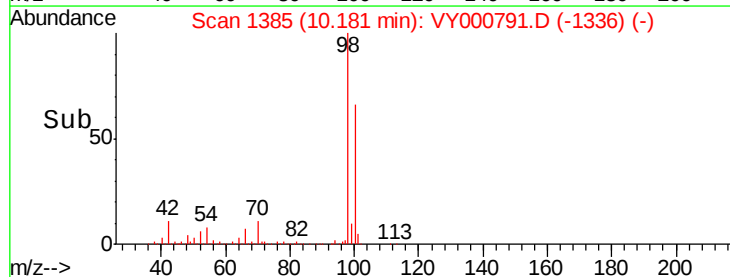
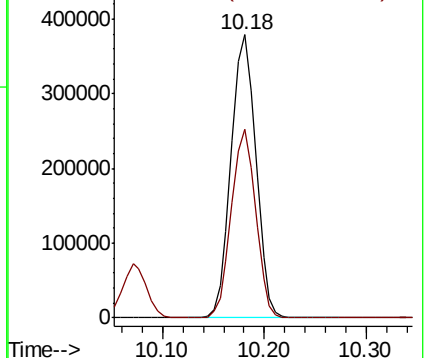
98 100

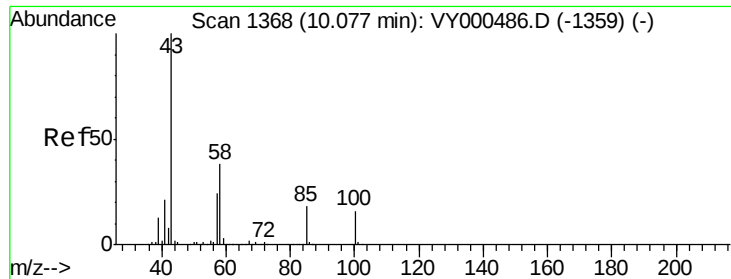
100 65.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY000791.D (-1336) (-)

Ion 100.00 (99.70 to 100.70): VY000791.D (-1336) (-)





#51

4-Methyl-2-Pentanone

Concen: 273.893 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

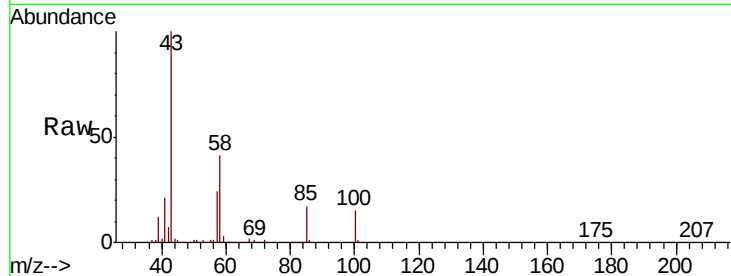
VSTDCCC050EC

Tot Ion: 43 Resp: 790020

Ion Ratio Lower Upper

43 100

58 40.4 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-1359) (-)

10.07

500000

400000

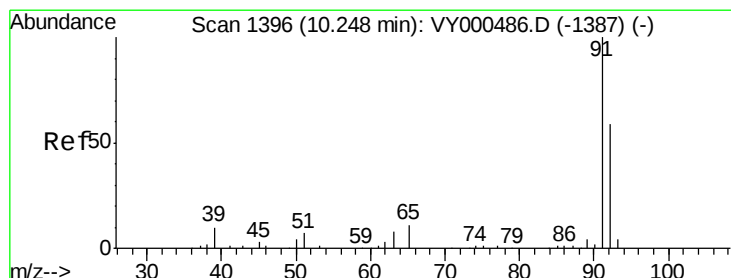
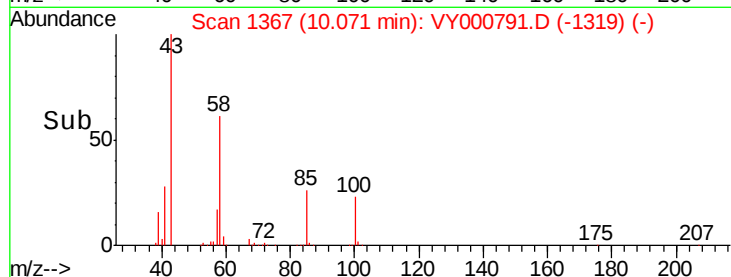
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 53.652 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000791.D

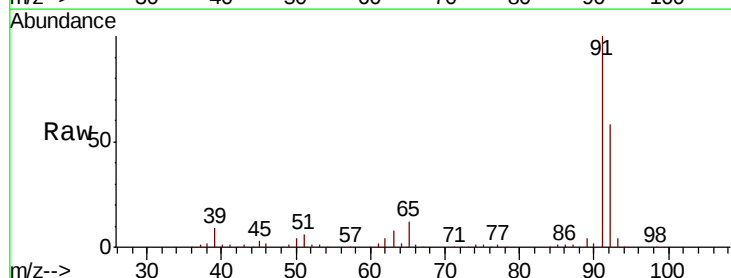
Acq: 22 Nov 2019 17:06

Tgt Ion: 92 Resp: 483749

Ion Ratio Lower Upper

92 100

91 171.1 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VY000486.D (-1387) (-)

Ion 91.00 (90.70 to 91.70): VY000486.D (-1387) (-)

10.24

500000

400000

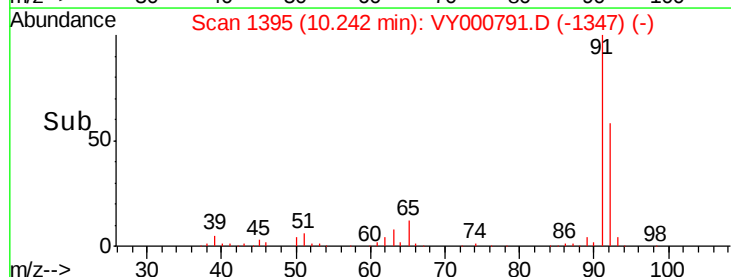
300000

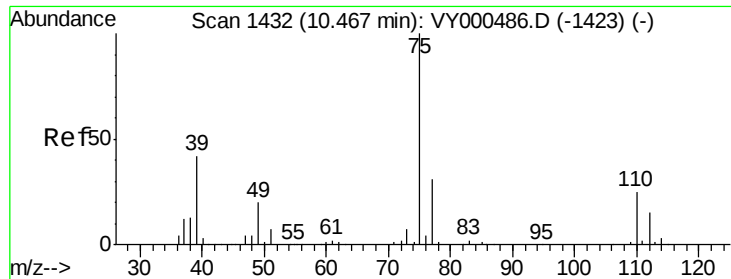
200000

100000

0

Time-->

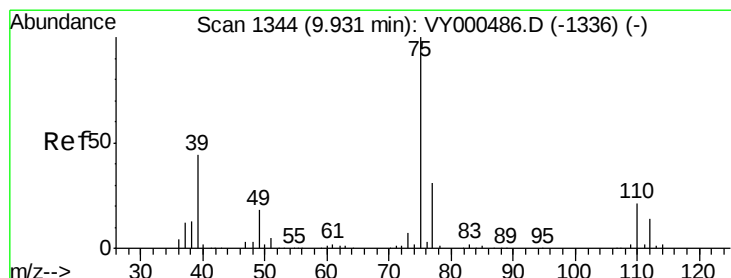
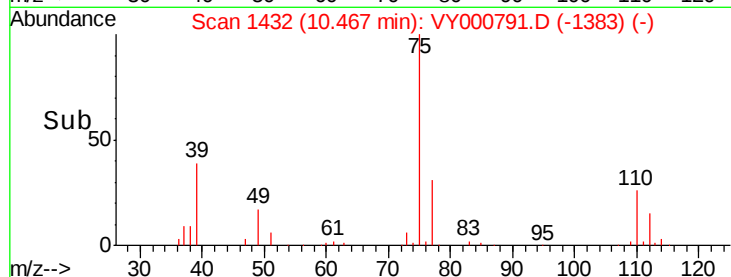
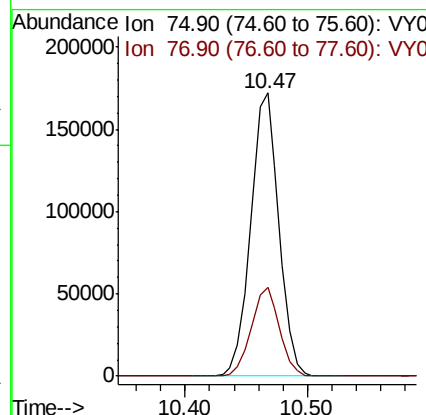
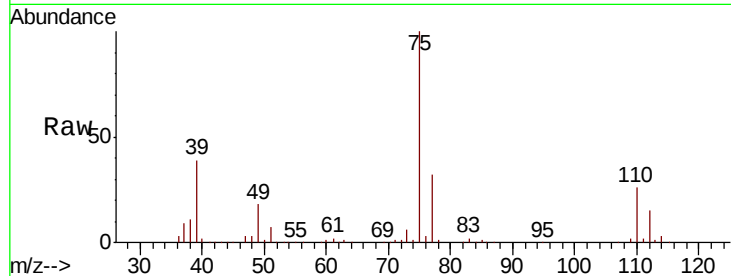




#53
 t-1,3-Dichloropropene
 Concen: 56.202 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

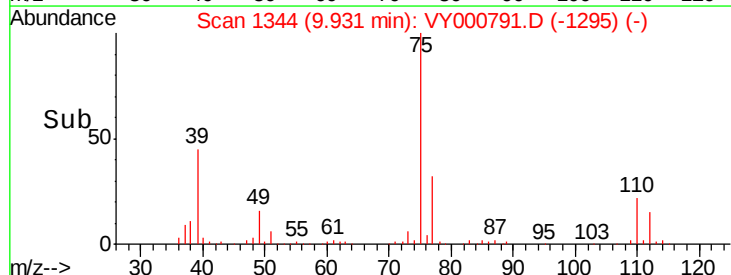
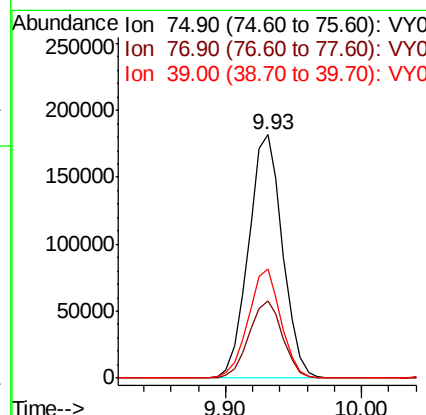
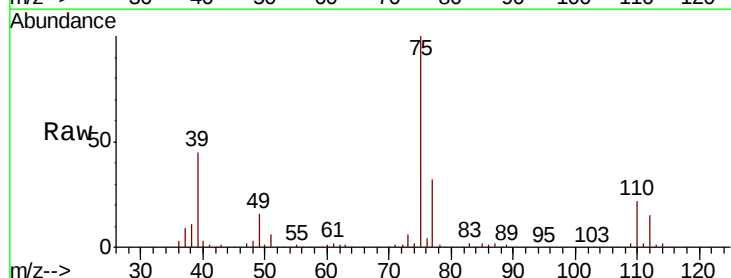
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

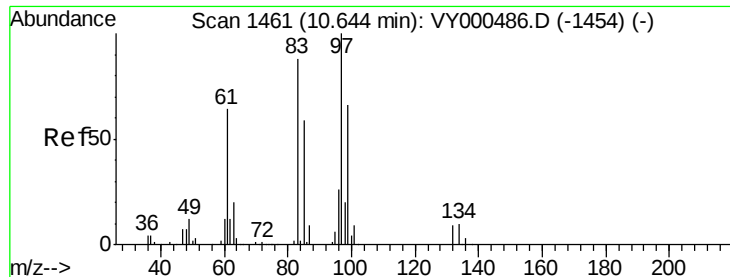
Tot Ion: 75 Resp: 275056
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 56.557 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion: 75 Resp: 317093
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.5 36.7
 39 45.0 35.4 53.2

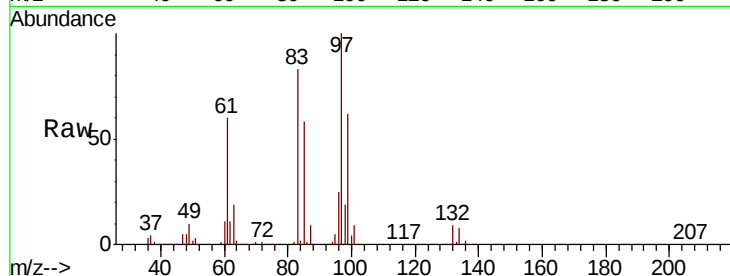




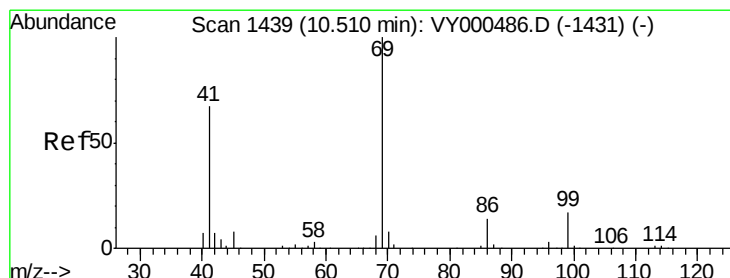
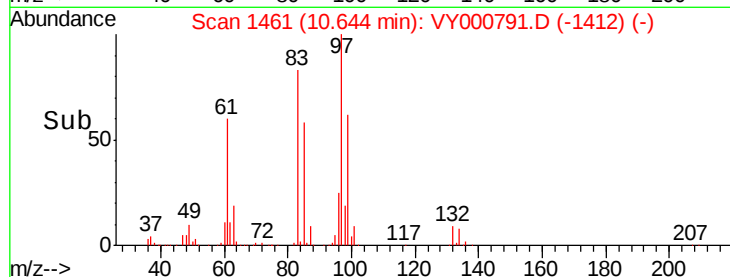
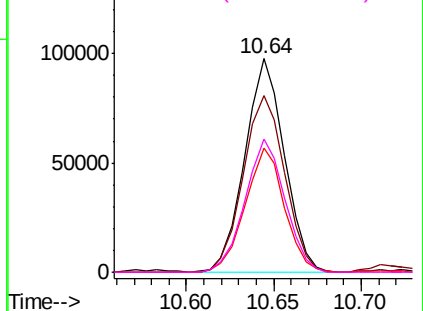
#55
 1,1,2-Trichloroethane
 Concen: 54.916 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 153327
 Ion Ratio Lower Upper
 97 100
 83 82.5 70.2 105.4
 85 58.4 46.9 70.3
 99 62.4 52.6 78.8

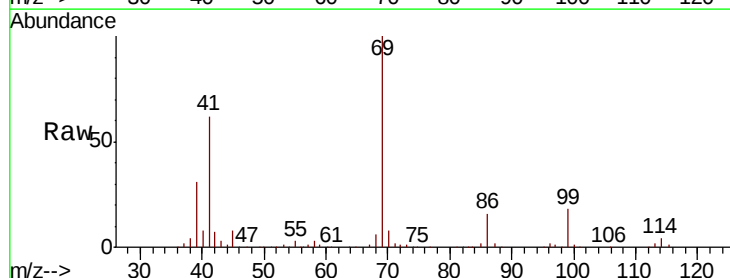


Abundance Ion 96.90 (96.60 to 97.60): VY0
 150000 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

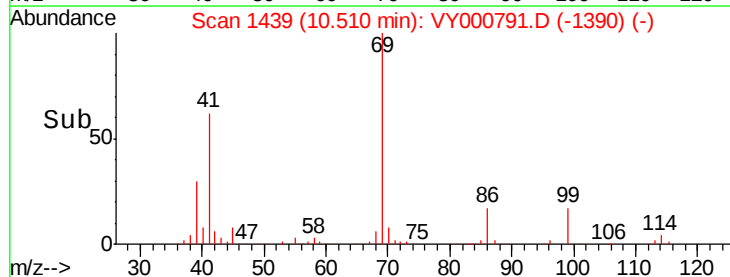
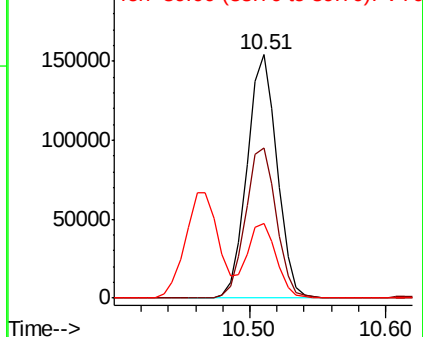


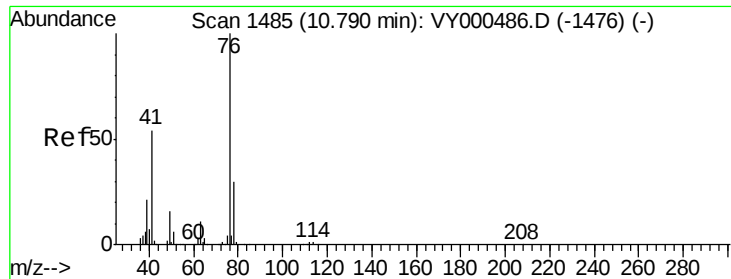
#56
 Ethyl methacrylate
 Concen: 60.229 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion: 69 Resp: 238340
 Ion Ratio Lower Upper
 69 100
 41 62.9 53.3 79.9
 39 30.7 28.0 42.0



Abundance Ion 69.00 (68.70 to 69.70): VY0
 200000 Ion 41.00 (40.70 to 41.70): VY0
 Ion 39.00 (38.70 to 39.70): VY0

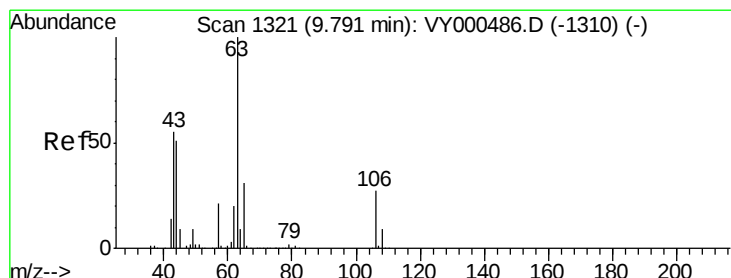
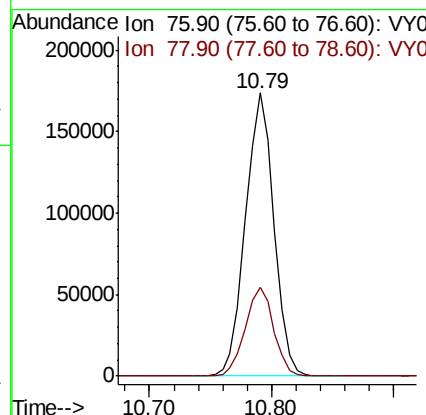
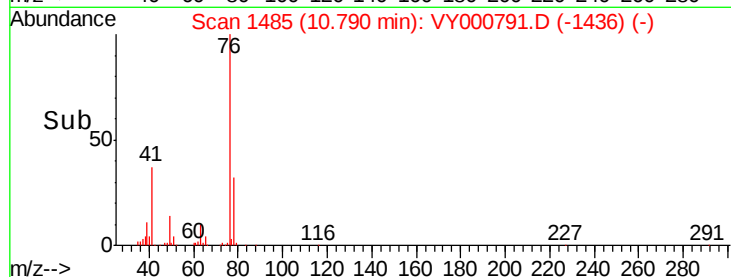
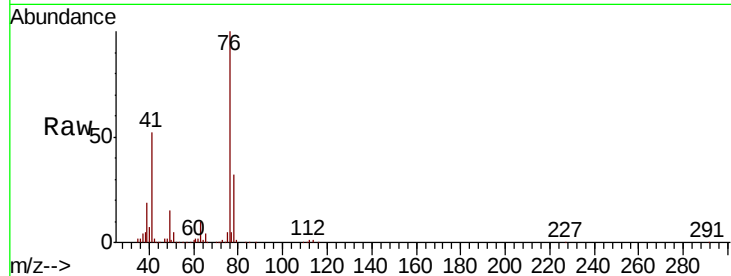




#57
 1,3-Dichloropropane
 Concen: 57.176 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

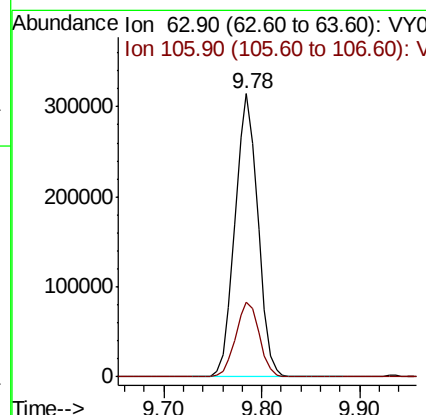
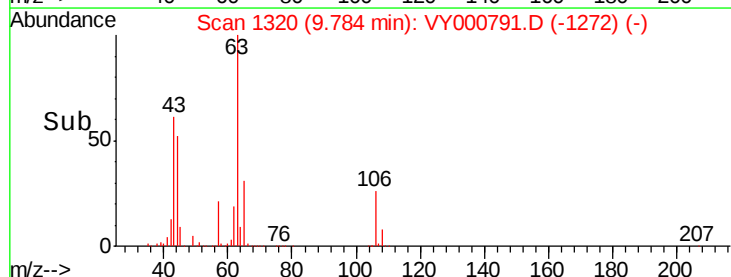
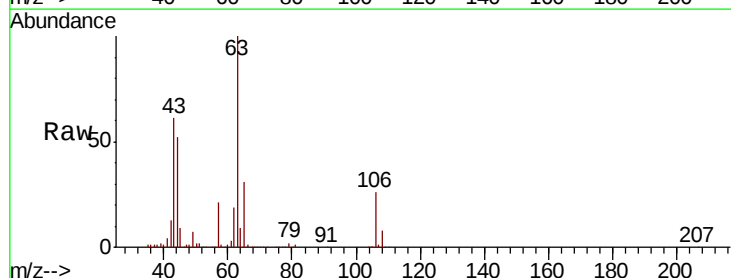
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

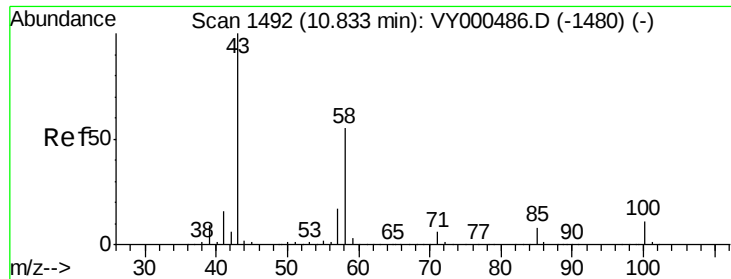
Tot Ion: 76 Resp: 279400
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 285.319 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion: 63 Resp: 510442
 Ion Ratio Lower Upper
 63 100
 106 27.0 22.6 33.8

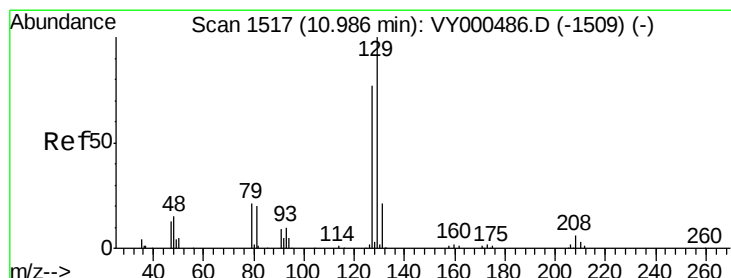
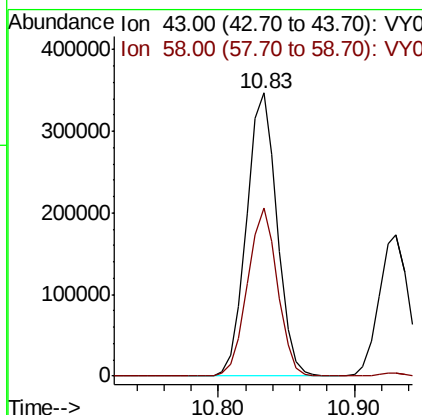
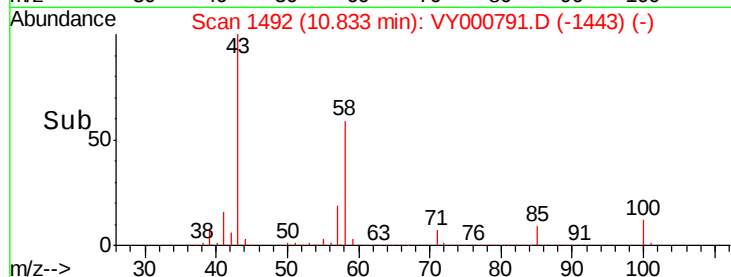
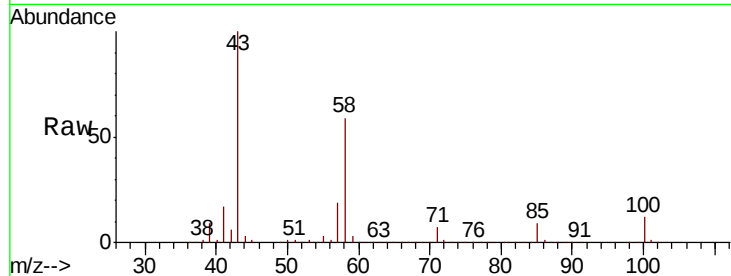




#59
2-Hexanone
Concen: 259.198 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

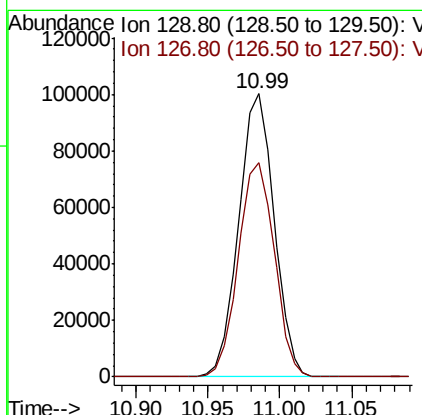
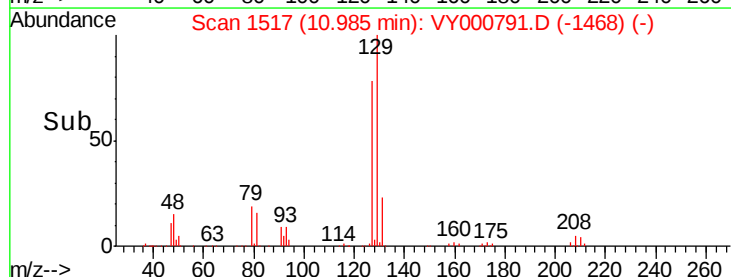
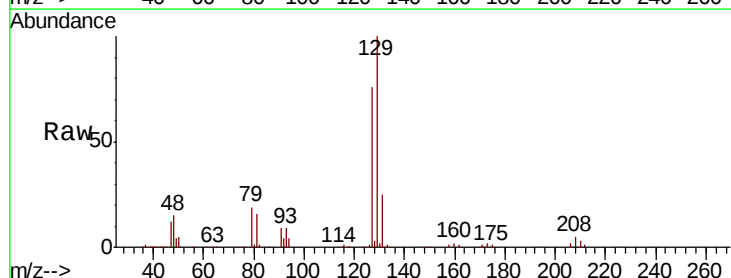
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

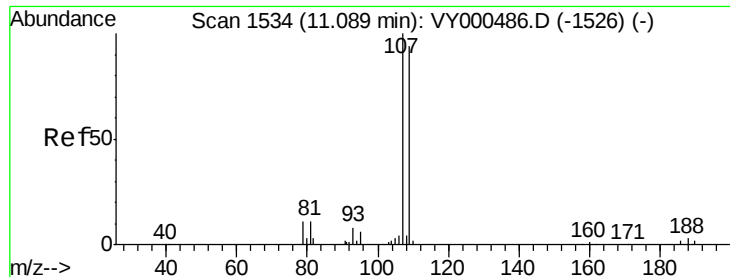
Tot Ion: 43 Resp: 544723
Ion Ratio Lower Upper
43 100
58 58.4 27.1 81.3



#60
Dibromochloromethane
Concen: 53.530 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion: 129 Resp: 171192
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2

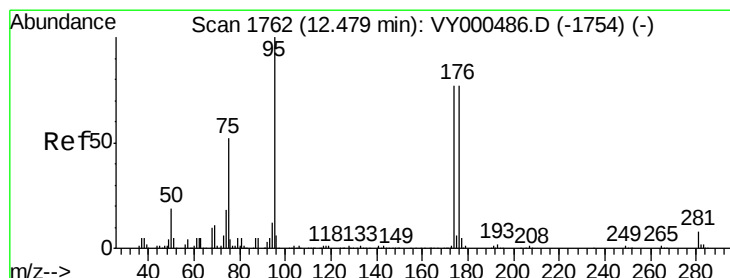
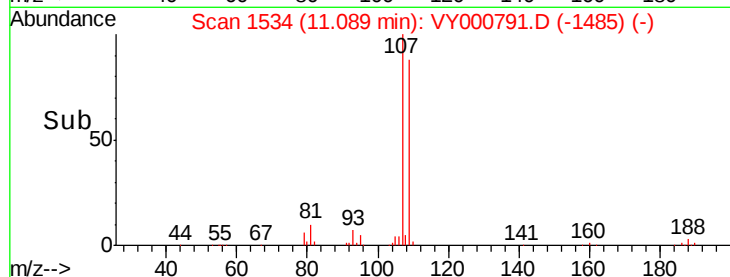
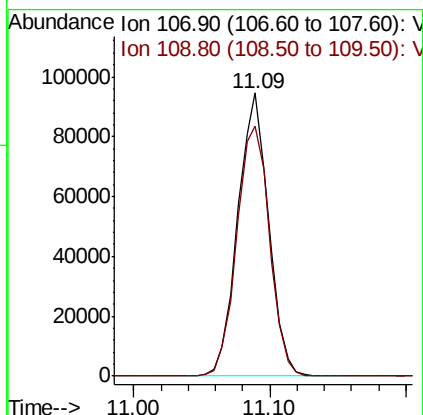
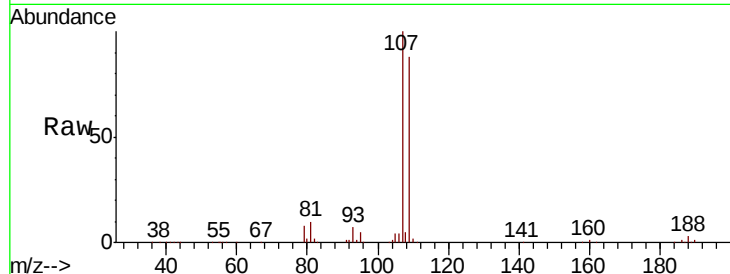




#61
 1,2-Dibromoethane
 Concen: 55.570 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

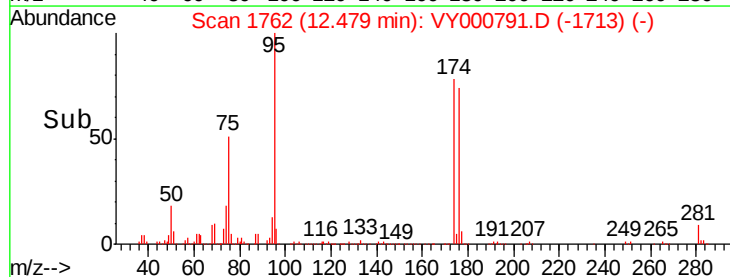
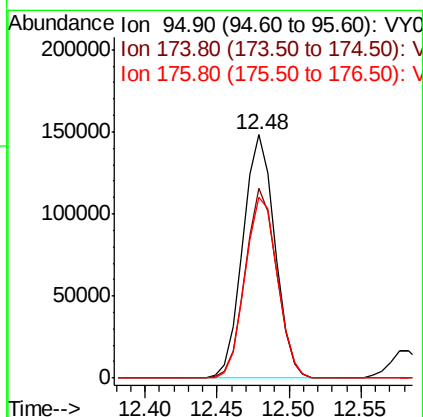
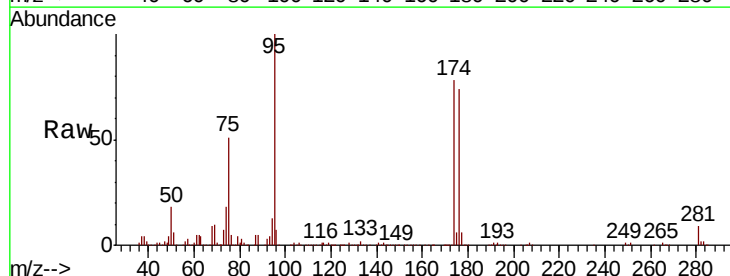
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

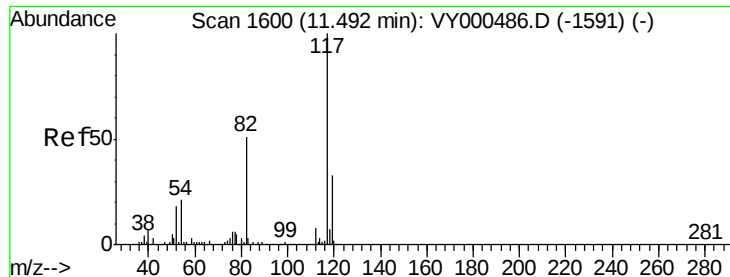
Tot Ion: 107 Resp: 149179
 Ion Ratio Lower Upper
 107 100
 109 94.0 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 52.363 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion: 95 Resp: 228493
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 161.6
 176 75.1 0.0 157.8

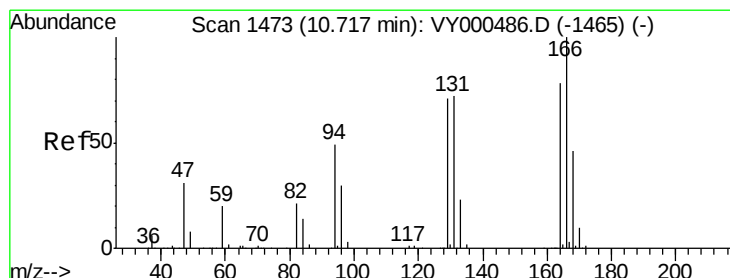
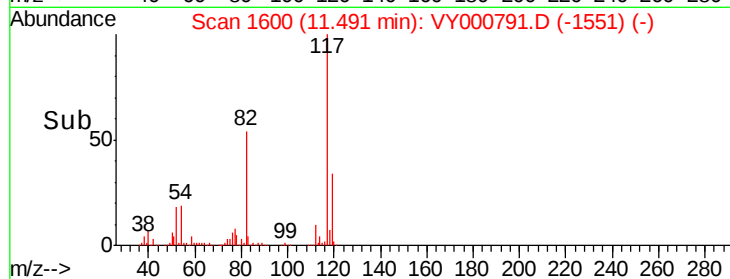
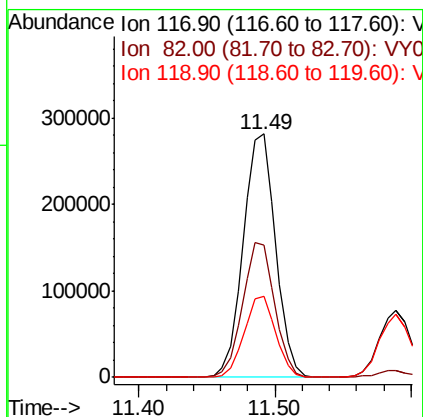
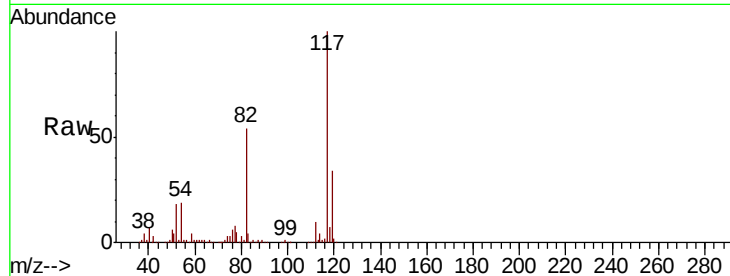




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

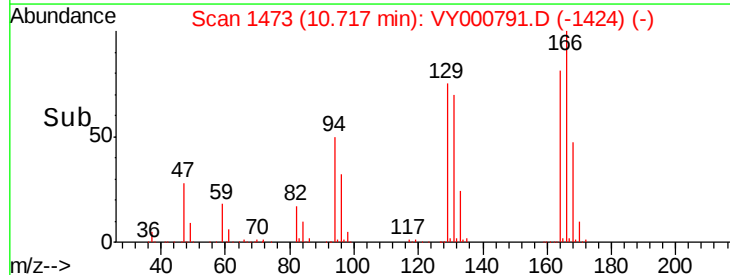
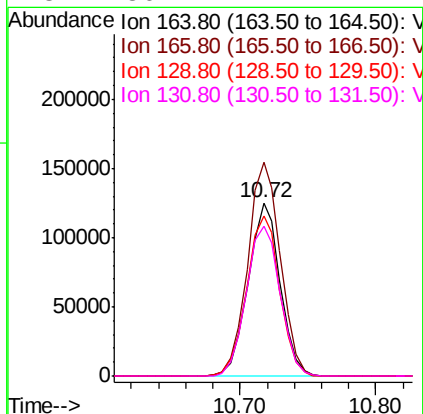
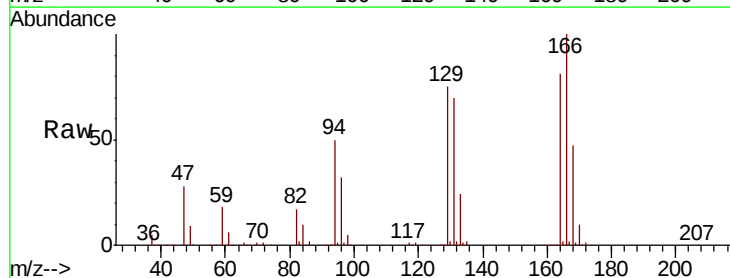
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

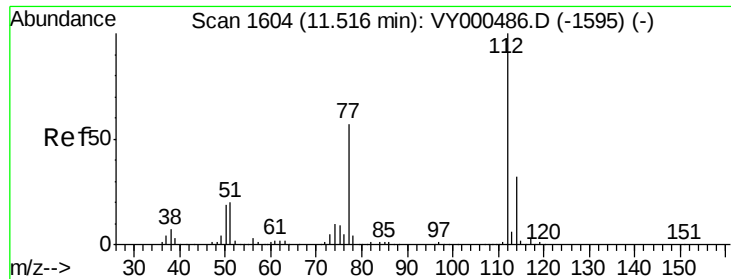
Tot Ion:117 Resp: 467315
Ion Ratio Lower Upper
117 100
82 54.1 40.8 61.2
119 33.5 26.2 39.2



#64
Tetrachloroethene
Concen: 53.240 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion:164 Resp: 205725
Ion Ratio Lower Upper
164 100
166 123.2 102.7 154.1
129 92.3 73.2 109.8
131 86.2 74.2 111.2





#65

Chlorobenzene

Concen: 53.250 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

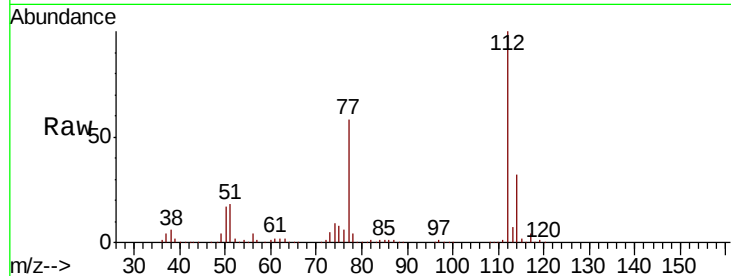
VSTDCCC050EC

Tot Ion:112 Resp: 504525

Ion Ratio Lower Upper

112 100

114 32.4 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

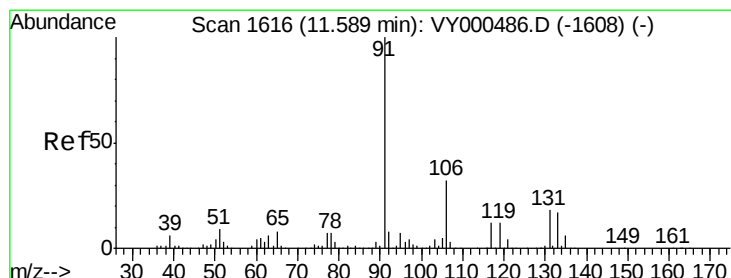
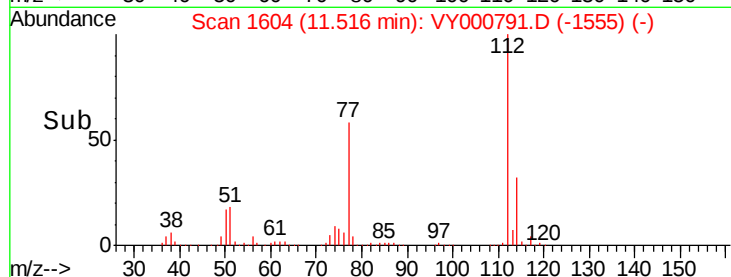
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 54.396 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

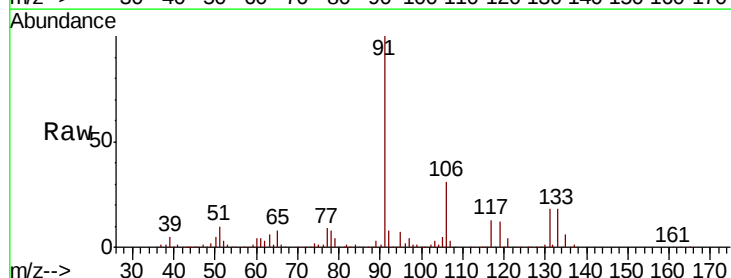
Tgt Ion:131 Resp: 178744

Ion Ratio Lower Upper

131 100

133 94.0 47.9 143.8

119 66.1 33.1 99.3



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

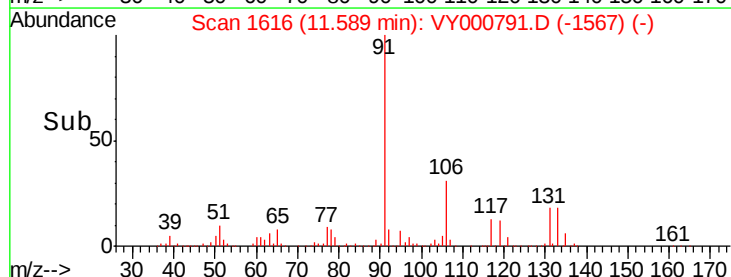
150000

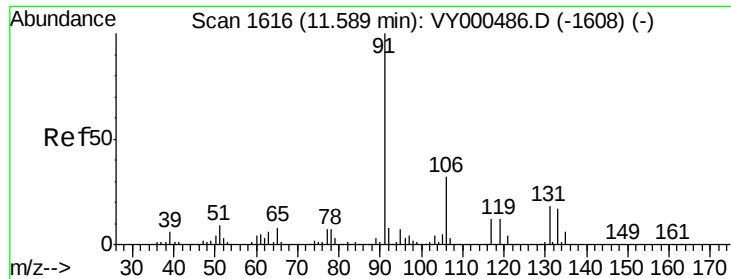
100000

50000

0

Time-->

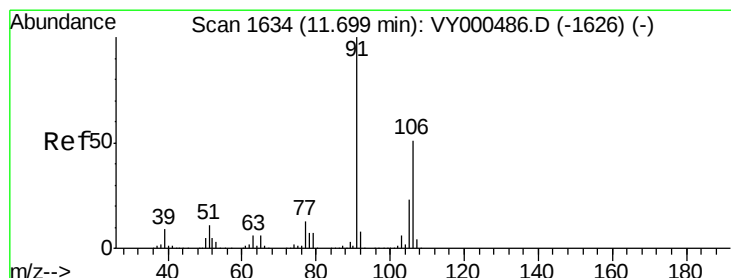
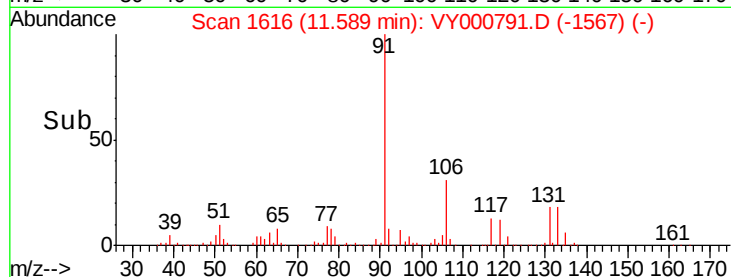
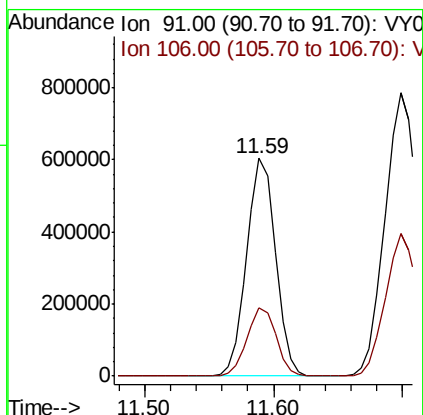
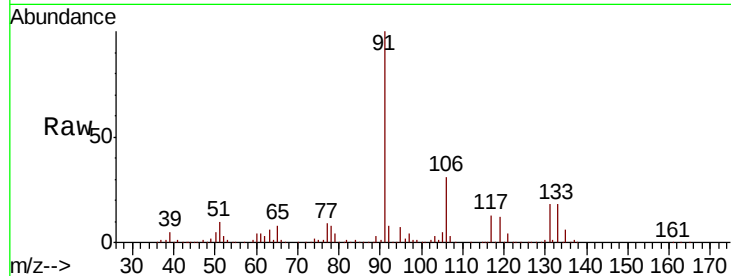




#67
Ethyl Benzene
Concen: 53.476 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

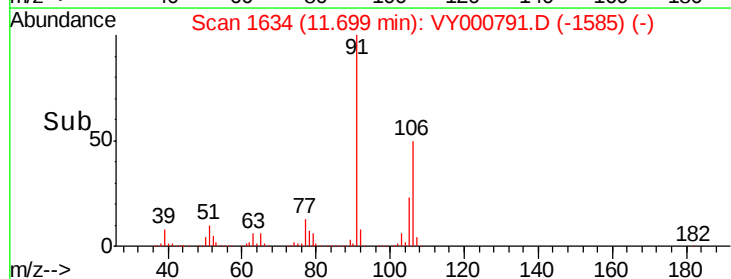
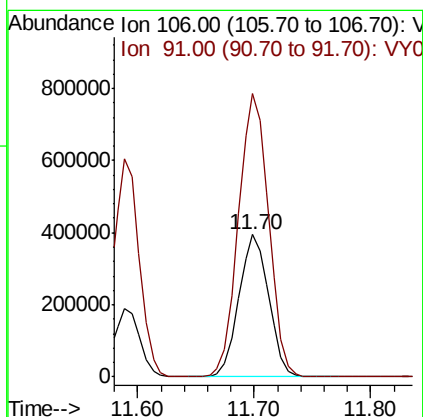
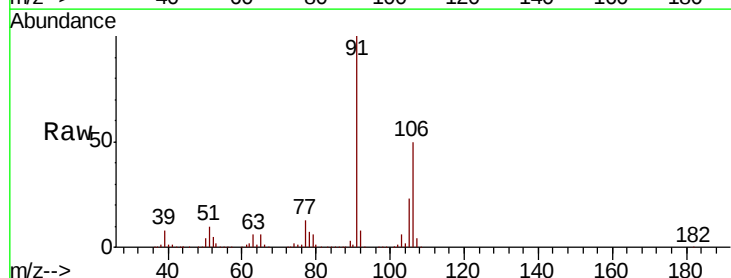
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

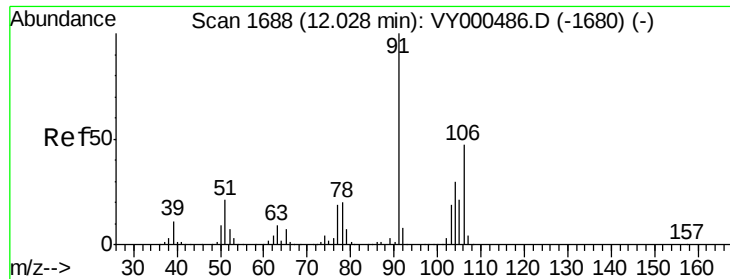
Tot Ion: 91 Resp: 932501
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0



#68
m/p-Xylenes
Concen: 103.946 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion: 106 Resp: 701534
Ion Ratio Lower Upper
106 100
91 202.3 155.9 233.9

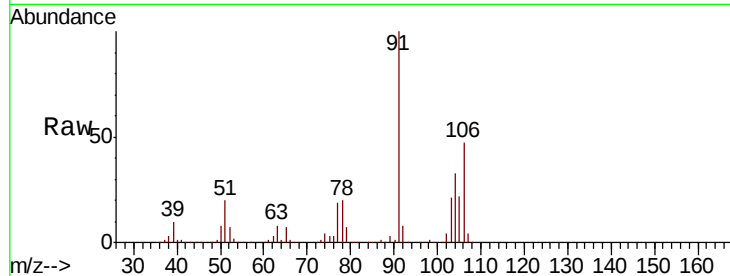




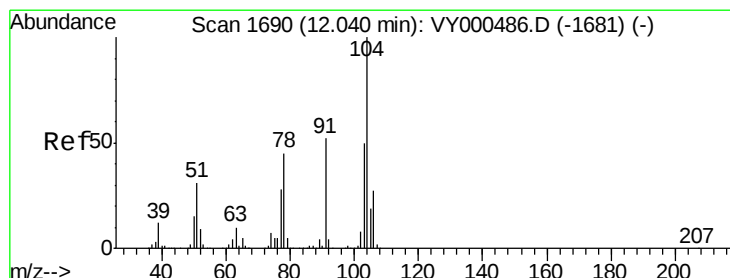
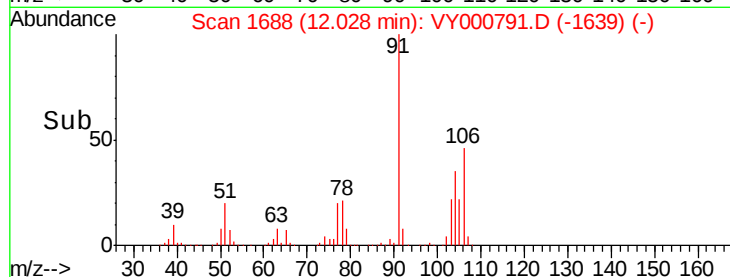
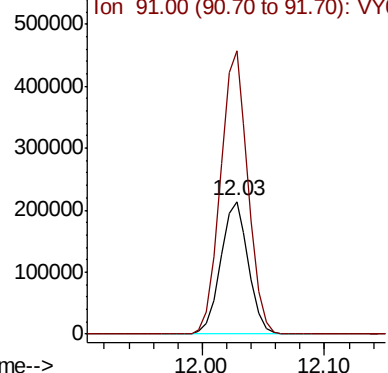
#69
o-Xylene
Concen: 52.561 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 333392
Ion Ratio Lower Upper
106 100
91 212.4 106.5 319.6

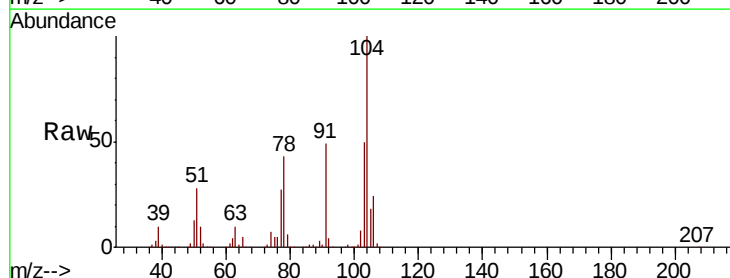


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

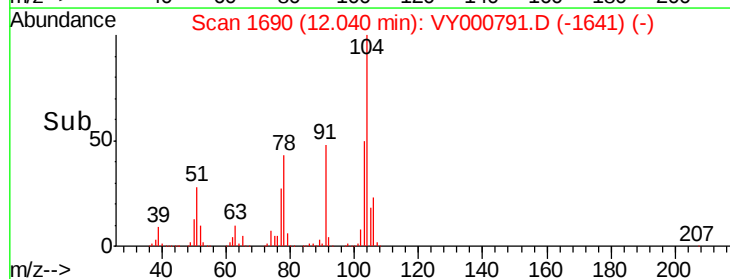
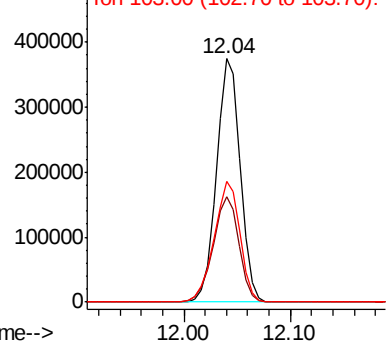


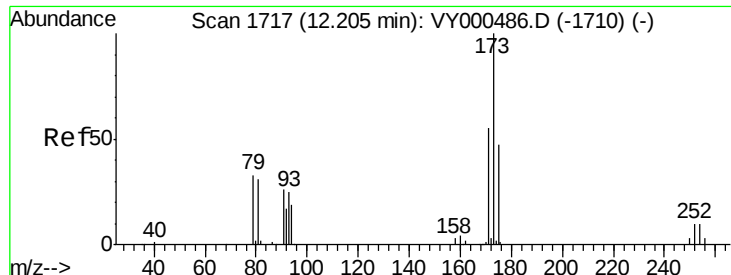
#70
Styrene
Concen: 53.788 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion:104 Resp: 584218
Ion Ratio Lower Upper
104 100
78 47.3 39.0 58.4
103 53.9 42.5 63.7



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: 53.448 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

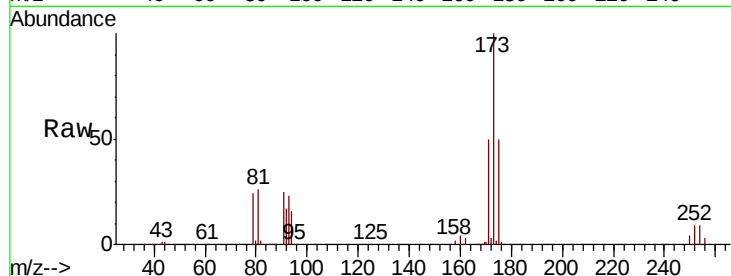
Tot Ion:173 Resp: 101017

Ion Ratio Lower Upper

173 100

175 48.6 24.4 73.2

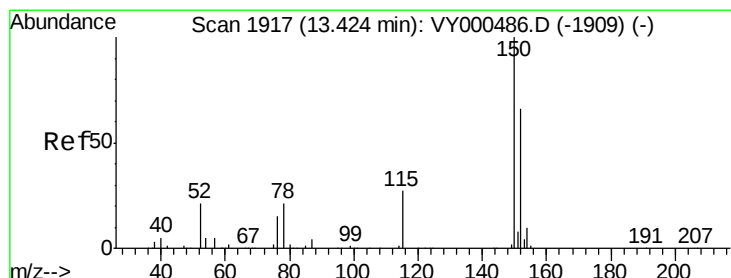
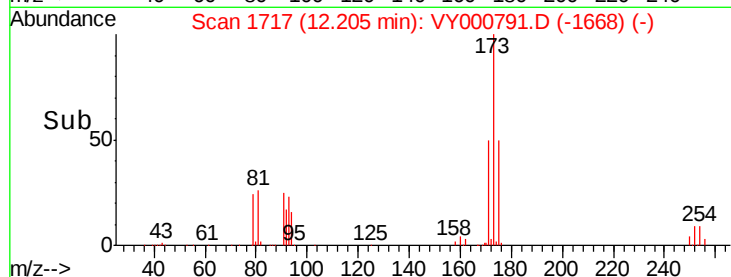
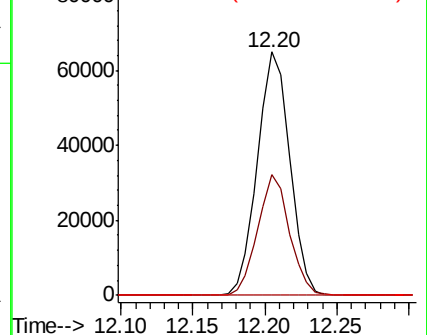
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

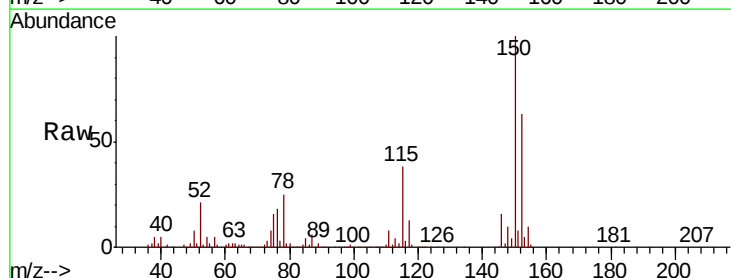
Tgt Ion:152 Resp: 223977

Ion Ratio Lower Upper

152 100

115 60.5 29.1 87.4

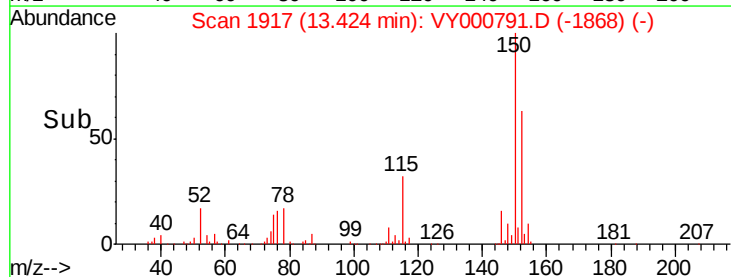
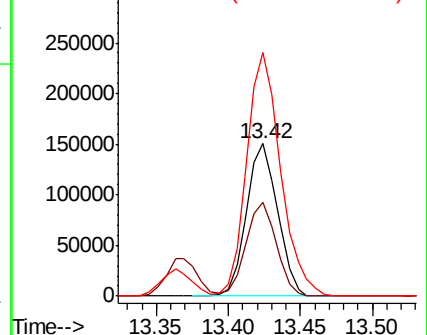
150 174.4 0.0 348.8

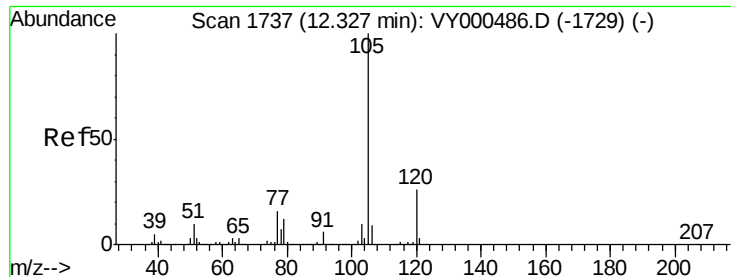


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.364 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

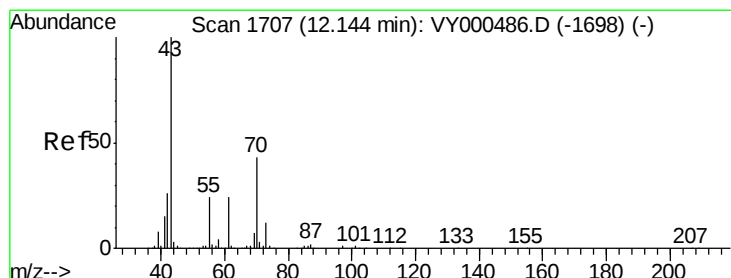
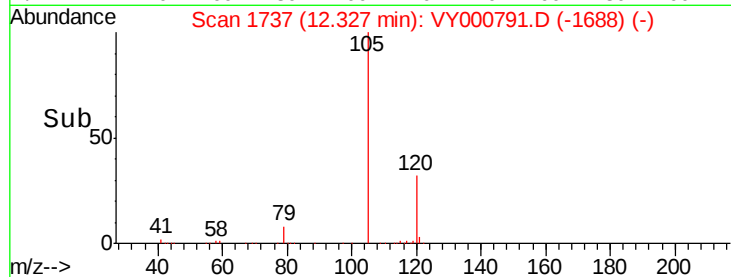
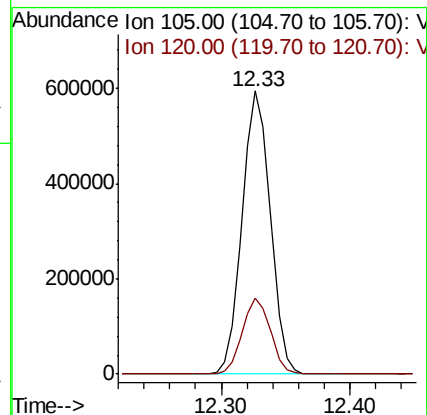
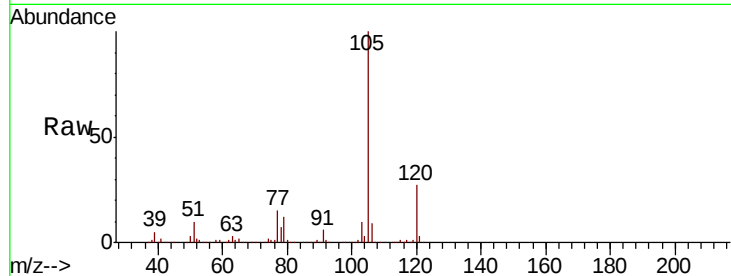
VSTDCCC050EC

Tot Ion:105 Resp: 899919

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



#74

N-ethyl acetate

Concen: 55.882 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Tgt Ion: 43 Resp: 264931

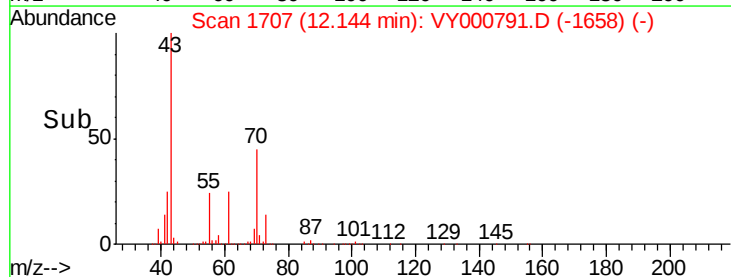
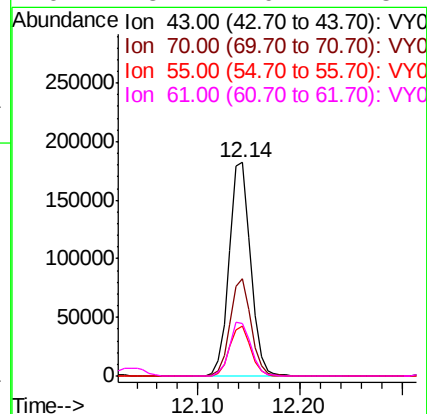
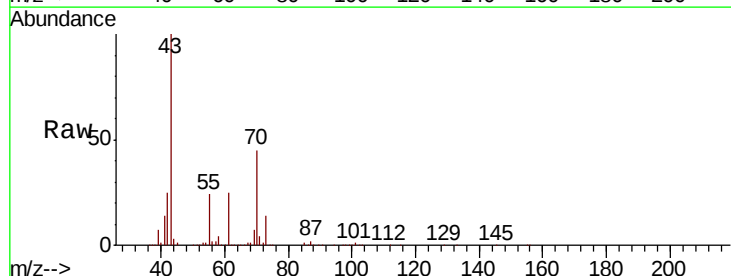
Ion Ratio Lower Upper

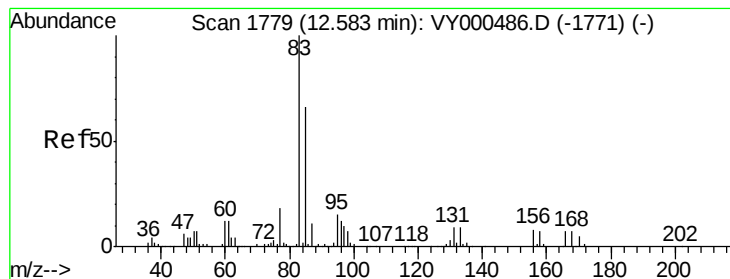
43 100

70 44.0 33.1 49.7

55 23.0 18.0 27.0

61 25.1 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 56.366 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

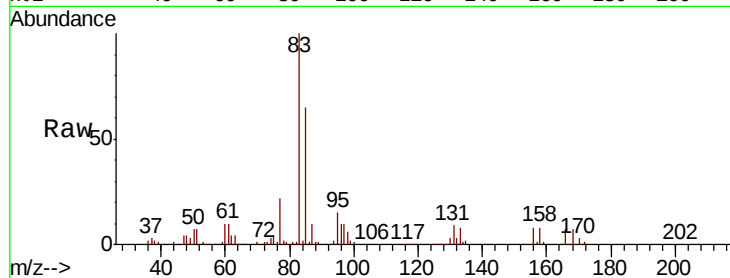
Tot Ion: 83 Resp: 184748

Ion Ratio Lower Upper

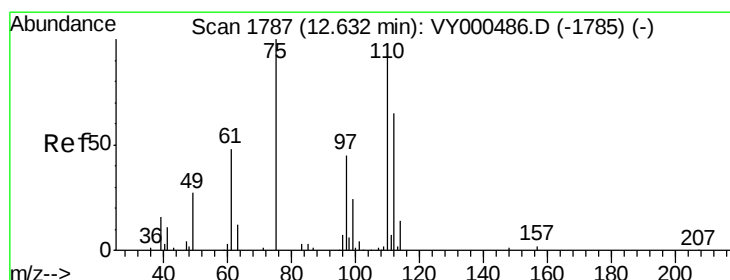
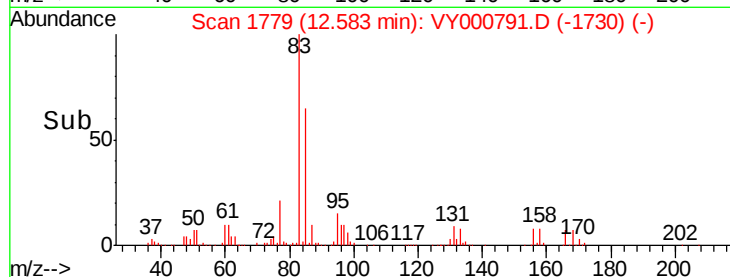
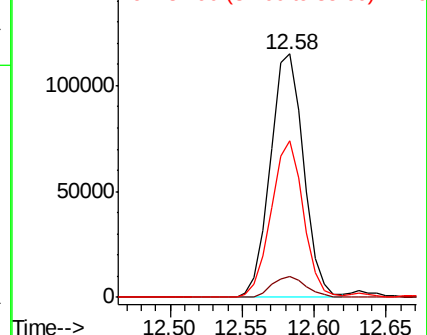
83 100

131 9.0 5.0 14.9

85 62.4 32.3 96.9



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



#76

1,2,3-Trichloropropane

Concen: 100.170 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000791.D

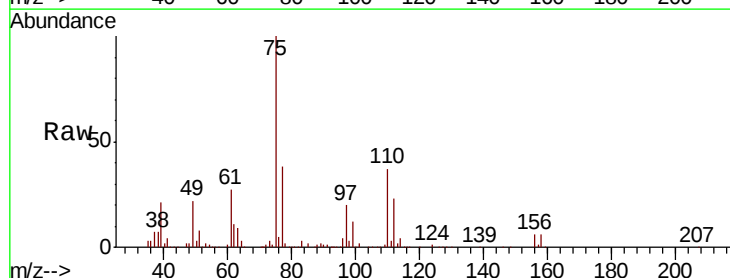
Acq: 22 Nov 2019 17:06

Tgt Ion: 75 Resp: 255462

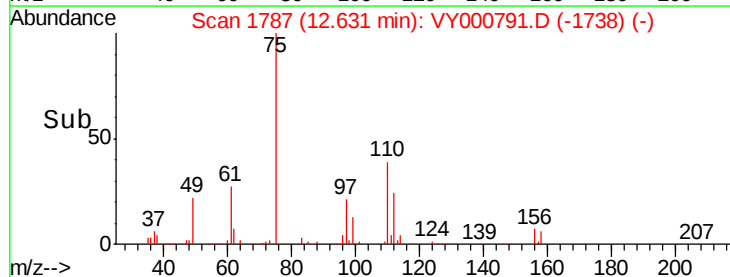
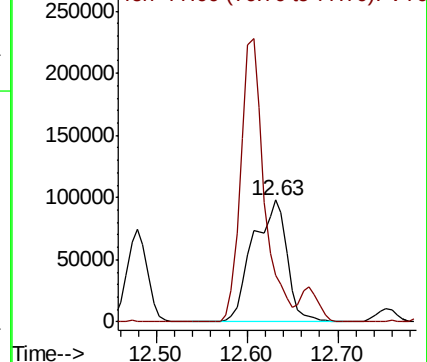
Ion Ratio Lower Upper

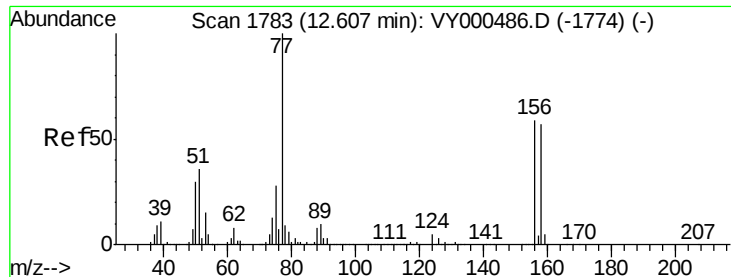
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 53.223 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

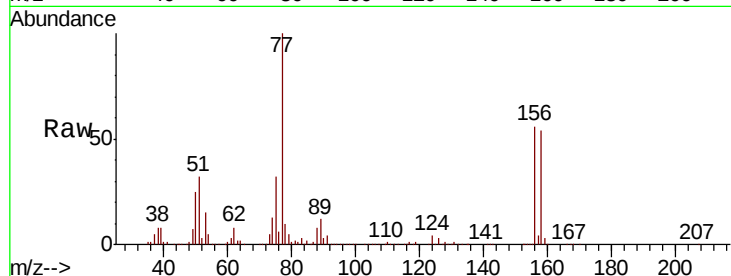
Tot Ion:156 Resp: 199792

Ion Ratio Lower Upper

156 100

77 205.8 98.2 294.4

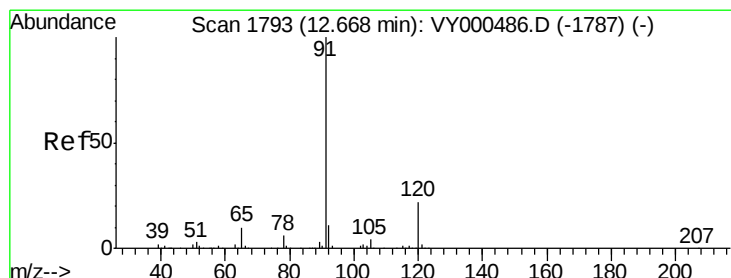
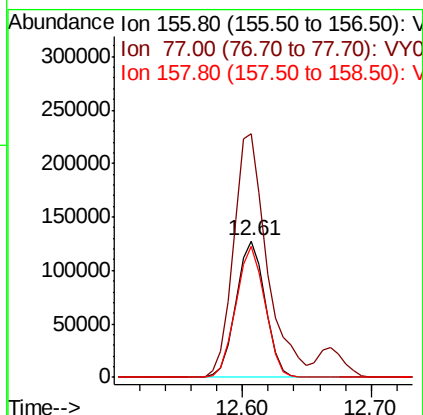
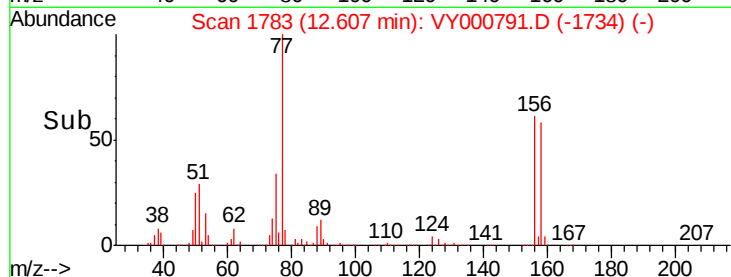
158 96.0 49.6 149.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.950 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000791.D

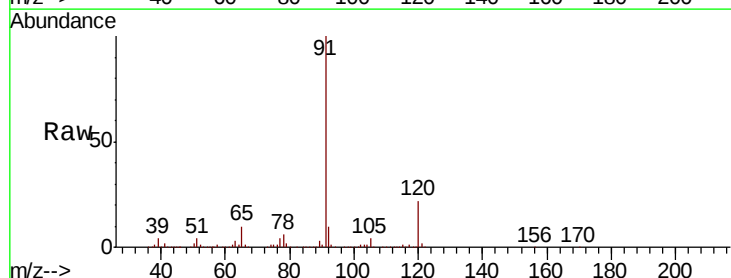
Acq: 22 Nov 2019 17:06

Tgt Ion: 91 Resp: 1097529

Ion Ratio Lower Upper

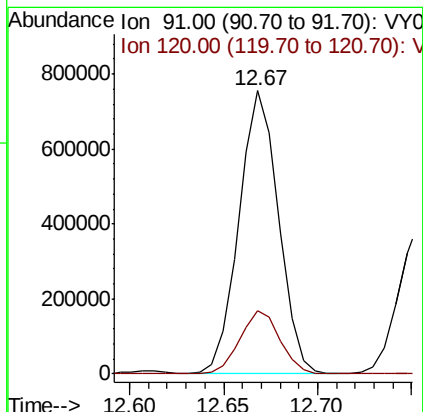
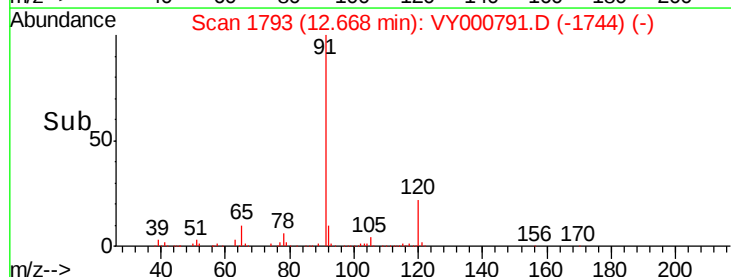
91 100

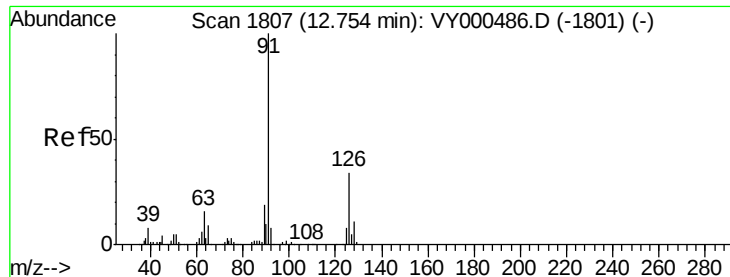
120 22.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

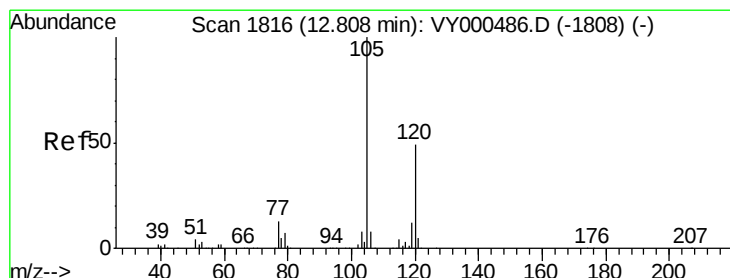
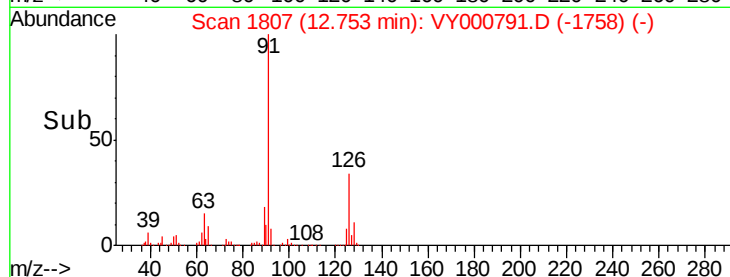
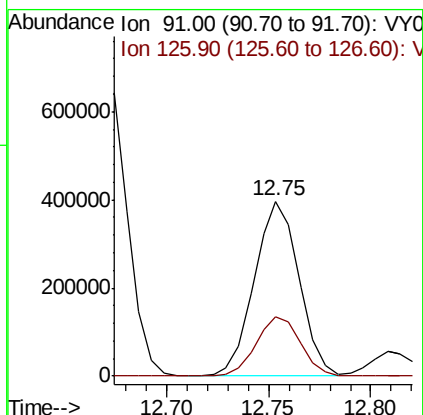
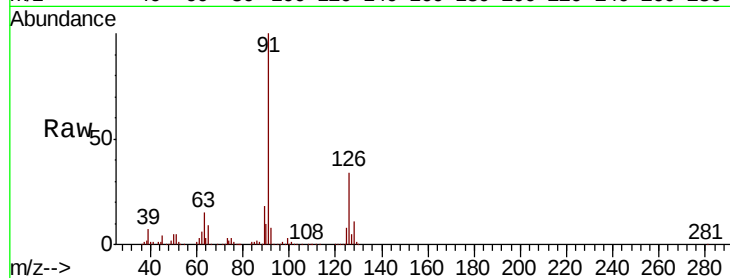




#79
 2-Chlorotoluene
 Concen: 54.460 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

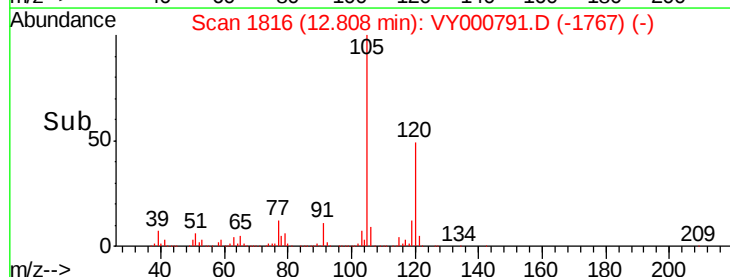
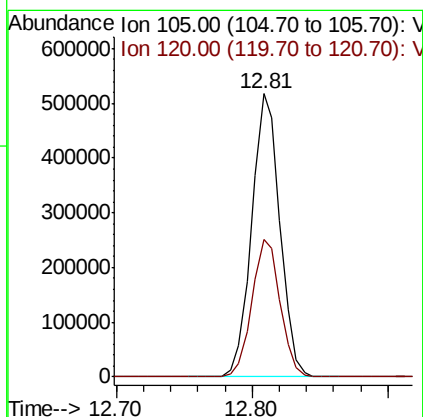
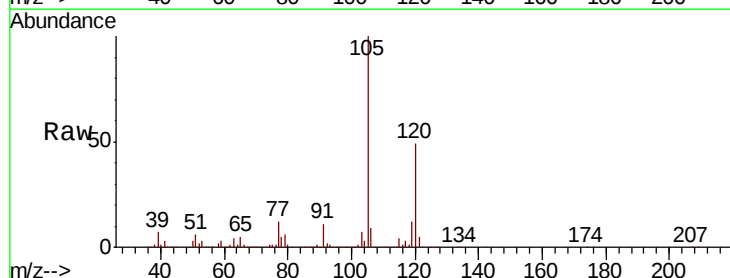
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

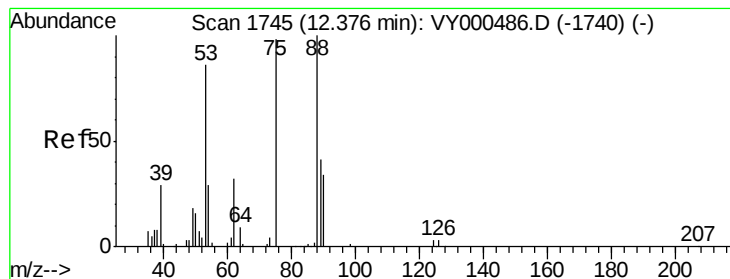
Tot Ion: 91 Resp: 603874
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 54.571 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion: 105 Resp: 752355
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 59.490 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

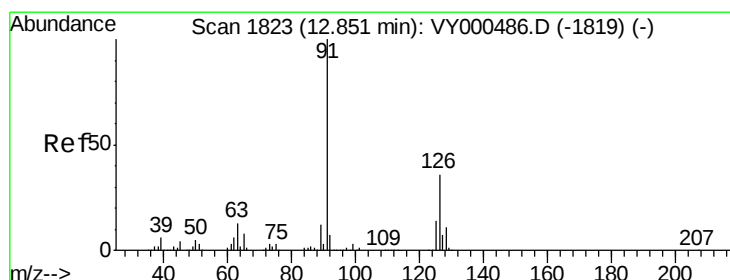
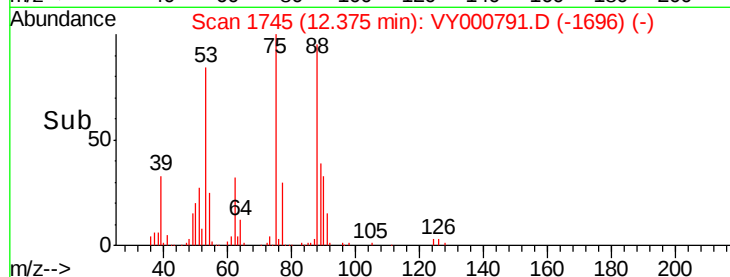
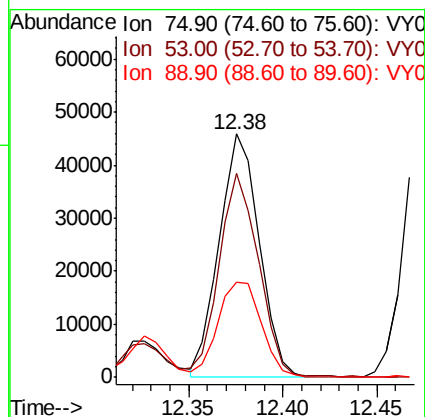
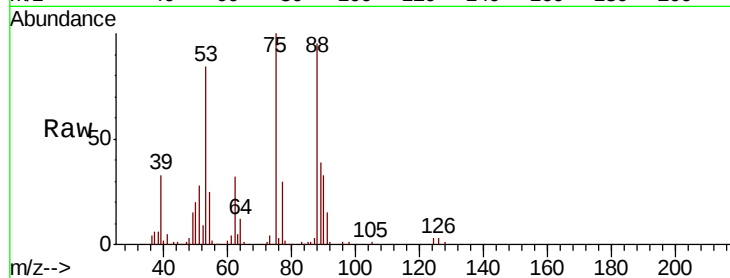
Tot Ion: 75 Resp: 67666

Ion Ratio Lower Upper

75 100

53 83.6 73.2 109.8

89 42.5 35.9 53.9



#82

4-Chlorotoluene

Concen: 55.433 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000791.D

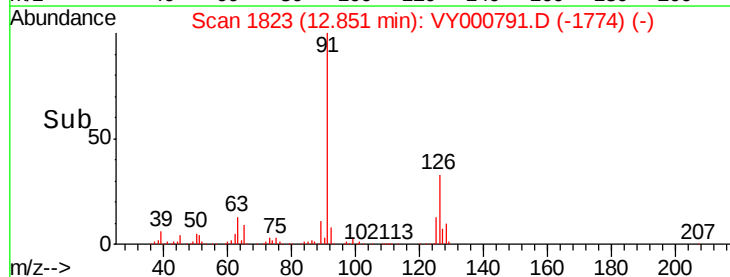
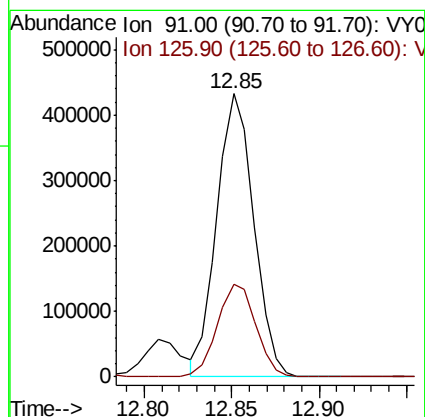
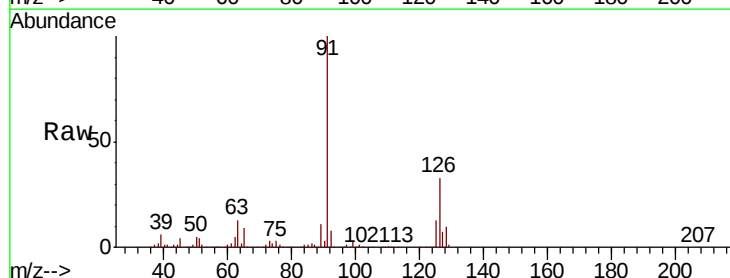
Acq: 22 Nov 2019 17:06

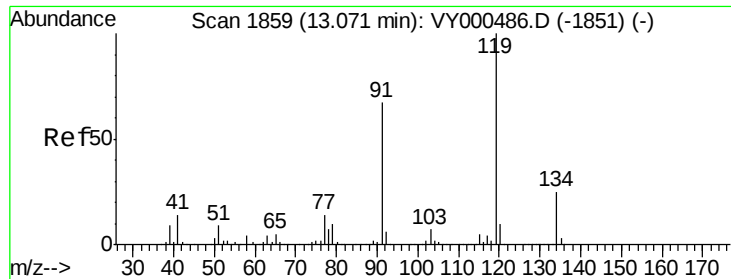
Tgt Ion: 91 Resp: 637146

Ion Ratio Lower Upper

91 100

126 34.2 17.6 52.9

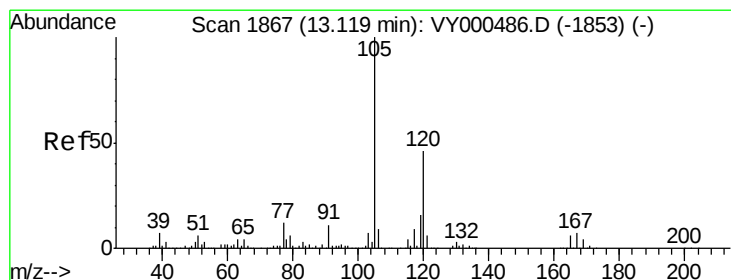
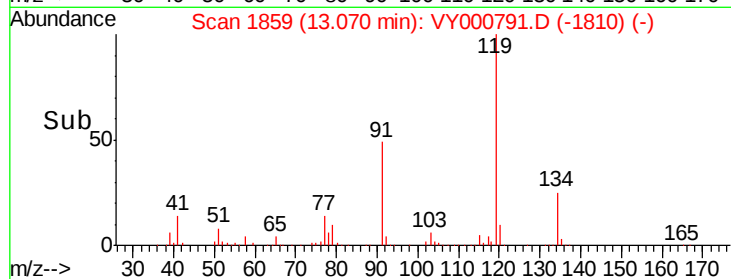
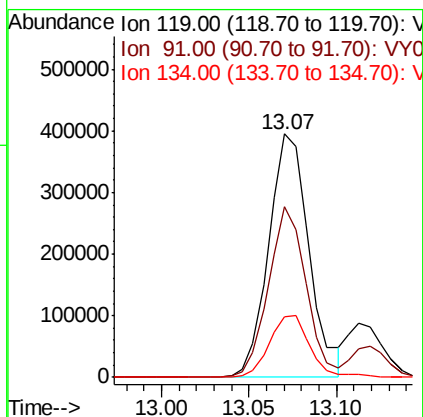
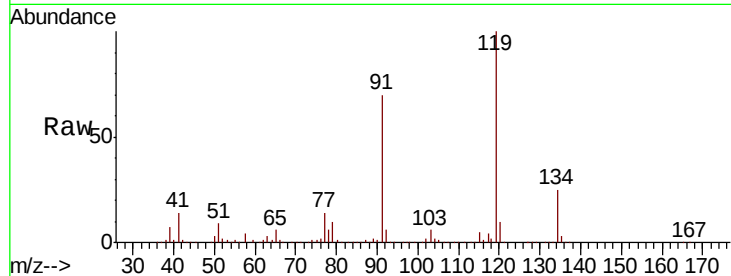




#83
 tert-Butylbenzene
 Concen: 54.034 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

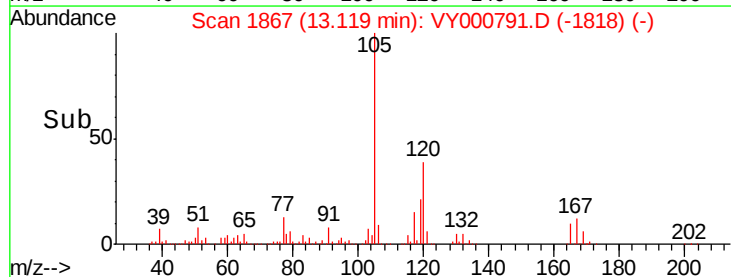
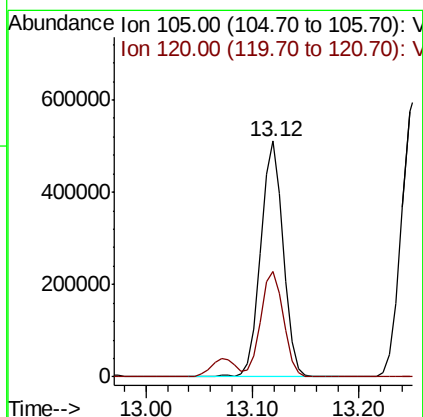
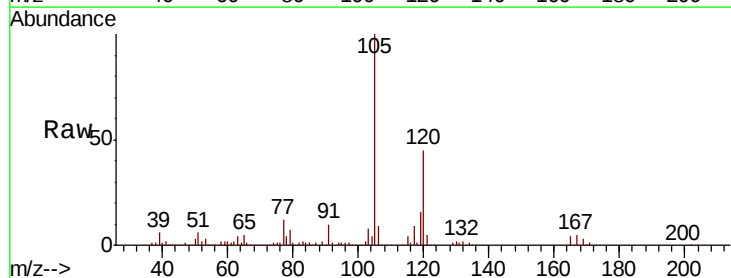
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

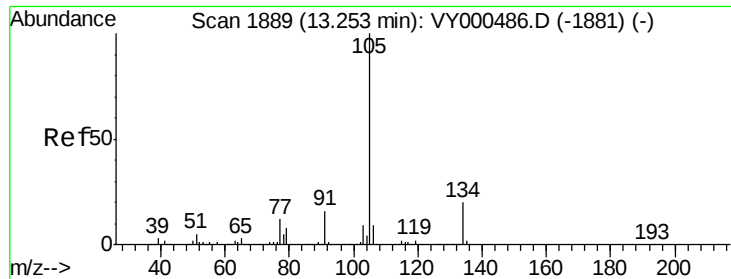
Tot Ion:119 Resp: 636070
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.1 96.3
 134 25.8 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 55.140 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion:105 Resp: 756891
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.3 69.9

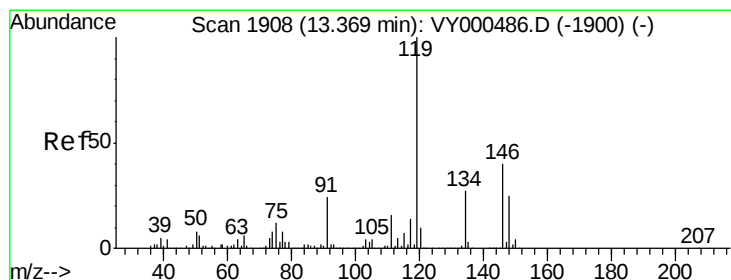
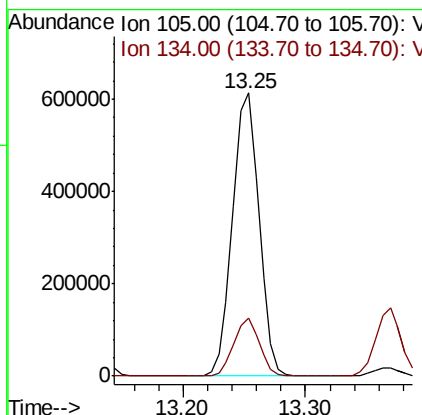
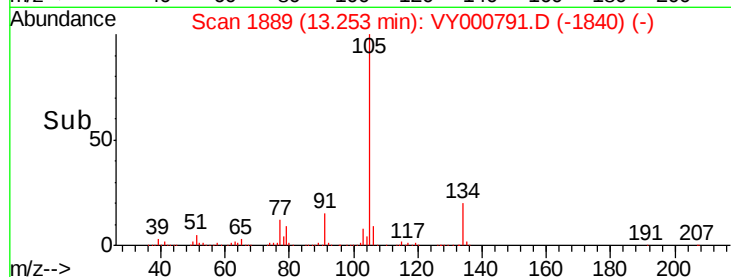
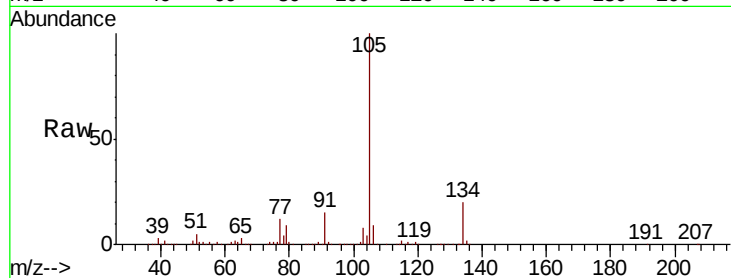




#85
 sec-Butylbenzene
 Concen: 54.661 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

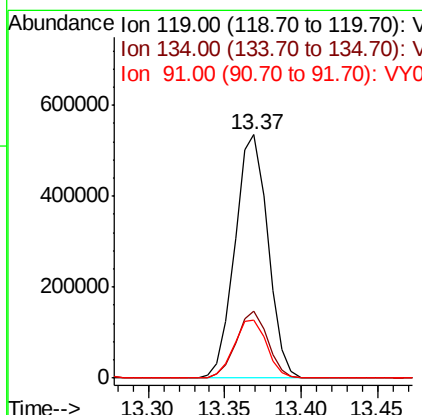
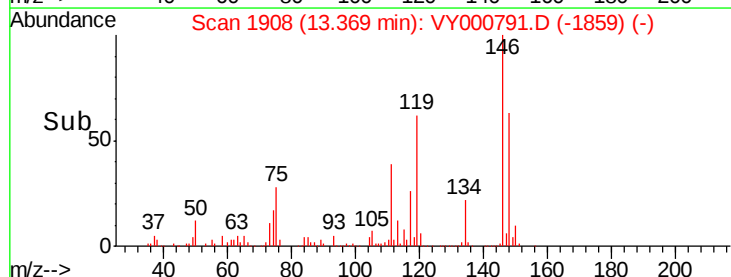
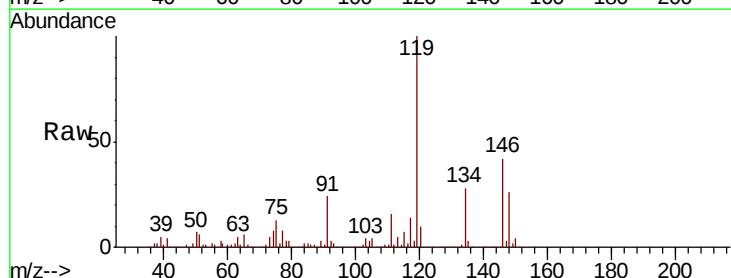
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

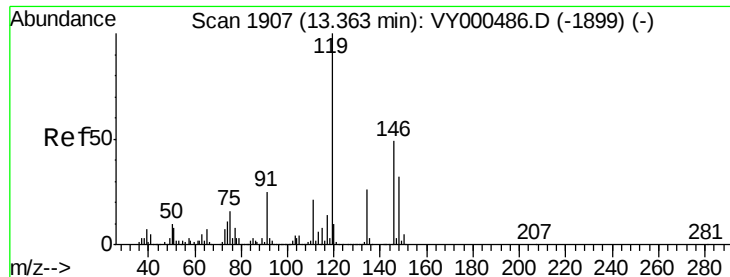
Tot Ion:105 Resp: 916719
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 53.306 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion:119 Resp: 796789
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.8
 91 23.6 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 53.434 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

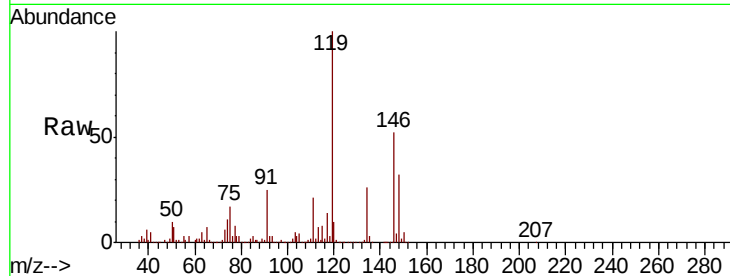
Tot Ion:146 Resp: 392882

Ion Ratio Lower Upper

146 100

111 39.9 20.3 60.8

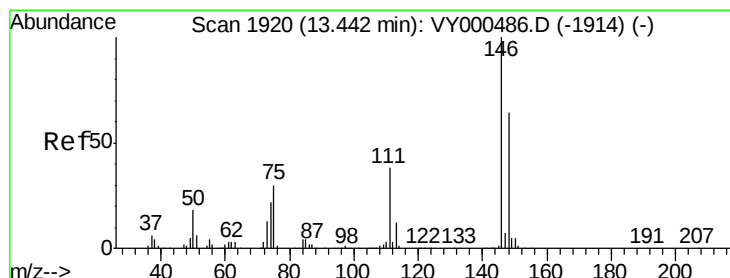
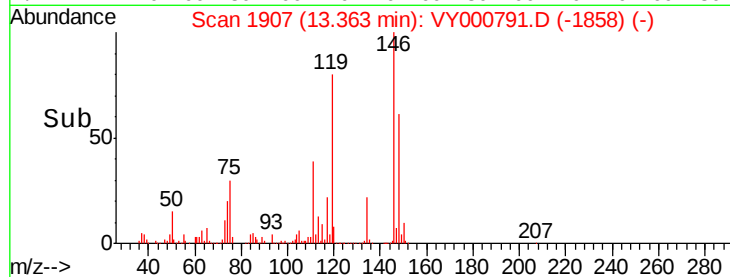
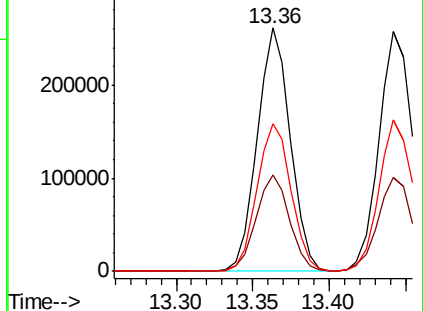
148 62.4 31.5 94.5



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



#88

1,4-Dichlorobenzene

Concen: 53.022 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

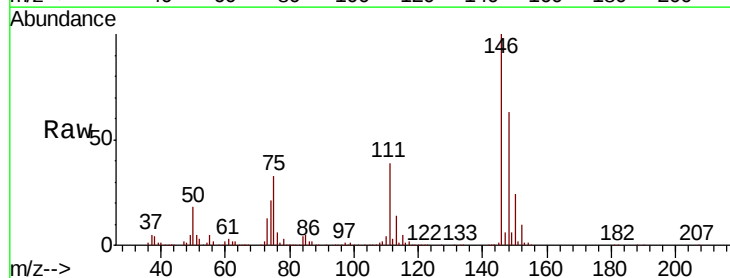
Tgt Ion:146 Resp: 389566

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.0

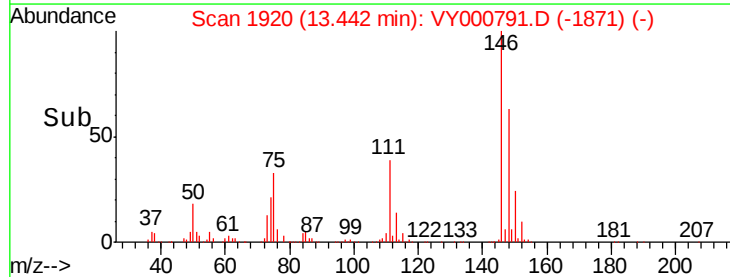
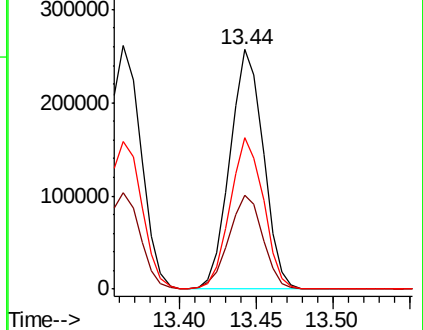
148 63.1 31.9 95.7

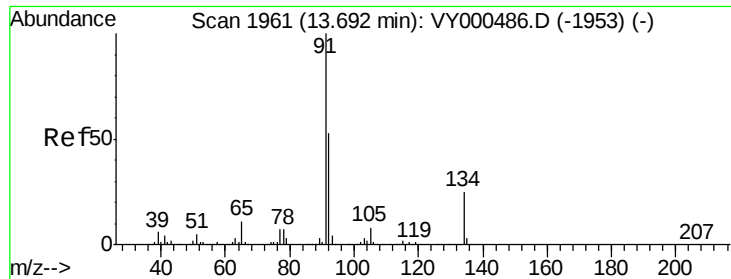


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

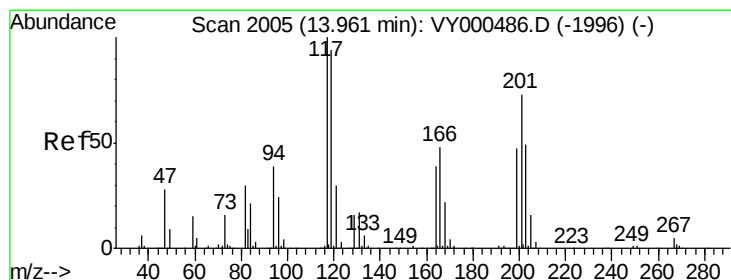
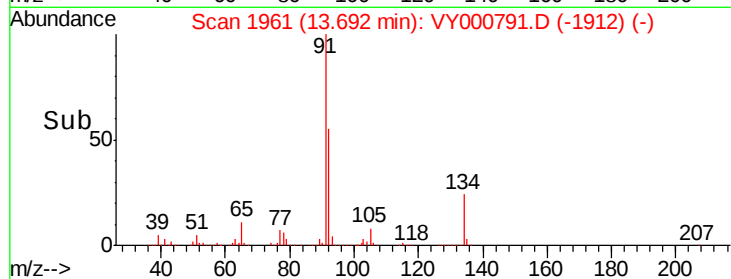
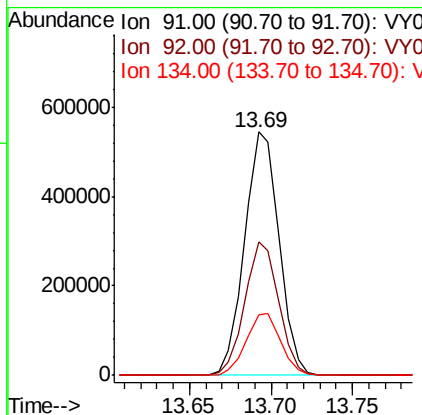
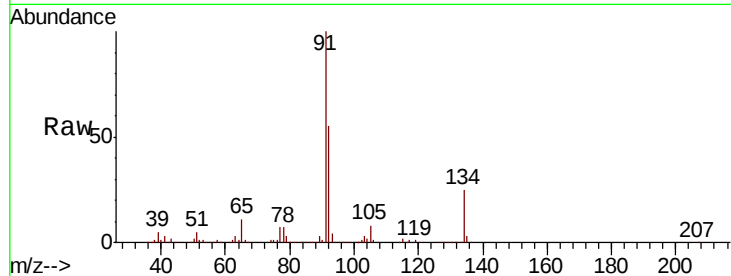




#89
n-Butylbenzene
Concen: 54.360 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

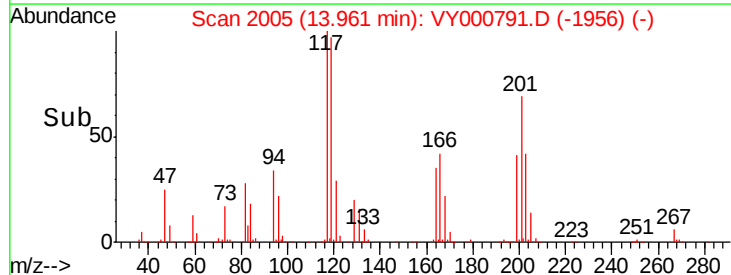
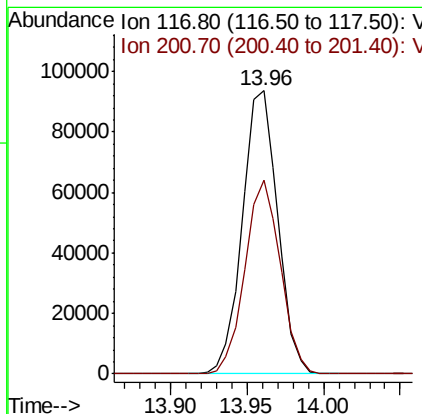
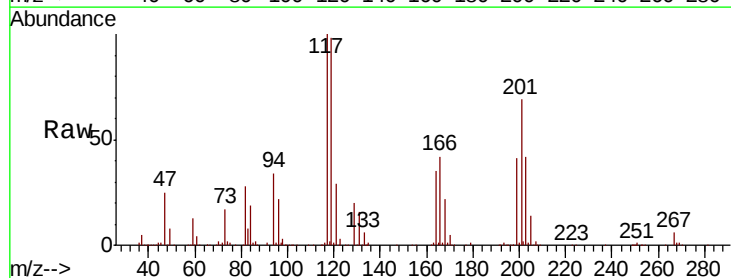
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

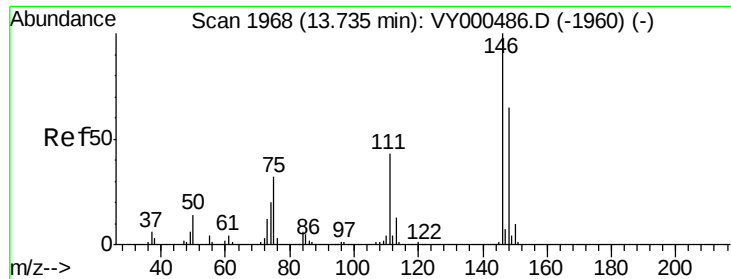
Tot Ion: 91 Resp: 801409
Ion Ratio Lower Upper
91 100
92 54.0 26.8 80.3
134 25.6 12.9 38.7



#90
Hexachloroethane
Concen: 54.419 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion: 117 Resp: 150376
Ion Ratio Lower Upper
117 100
201 68.6 35.8 107.3

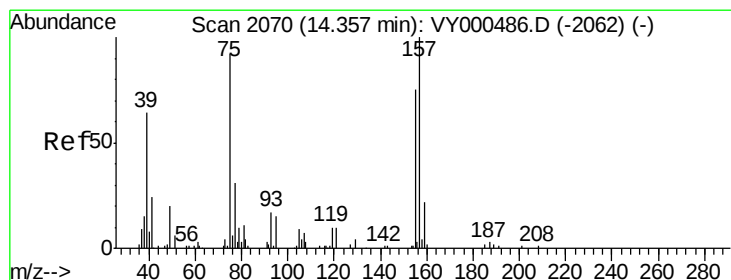
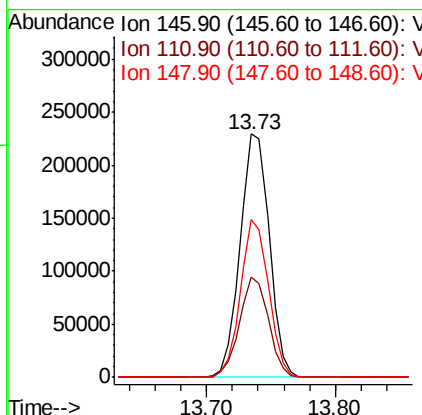
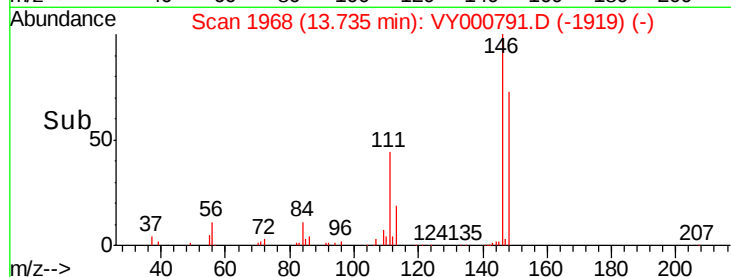
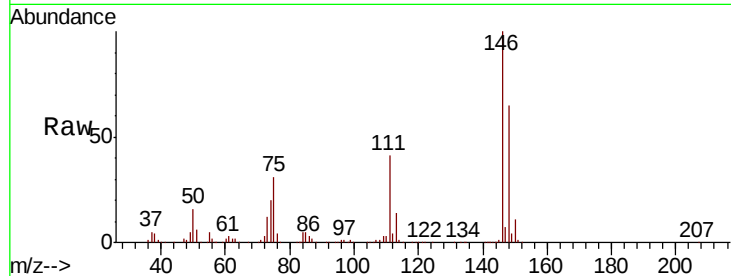




#91
 1,2-Dichlorobenzene
 Concen: 53.722 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

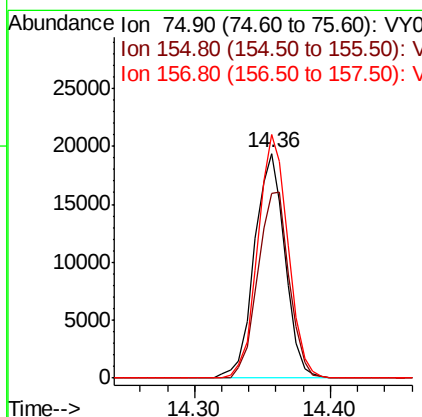
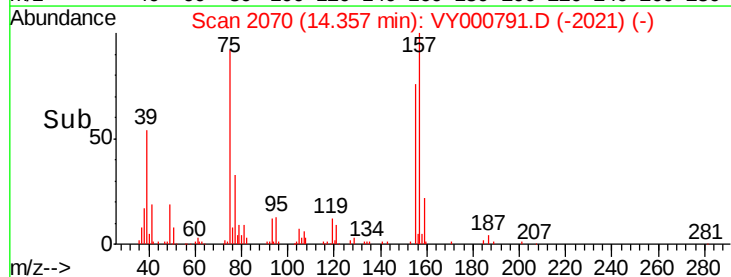
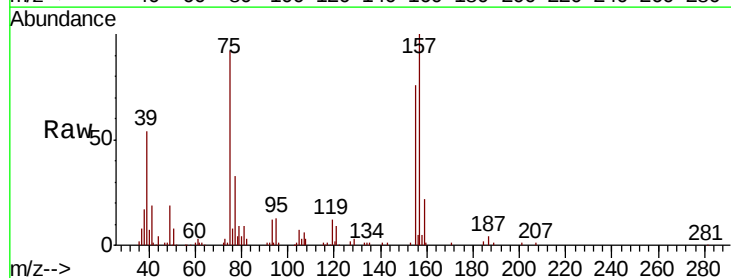
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

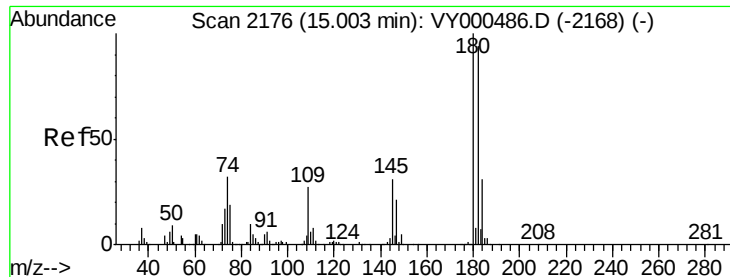
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.5
148	62.6	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.749 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	42.4	127.1
157	107.1	55.1	165.3

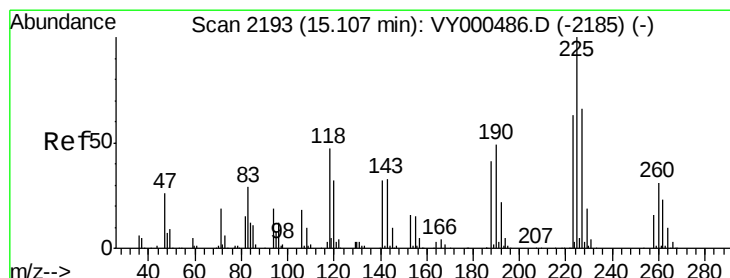
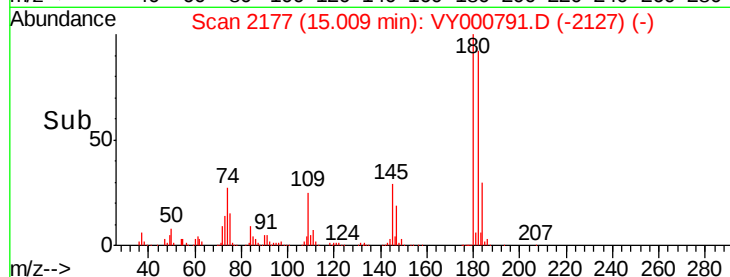
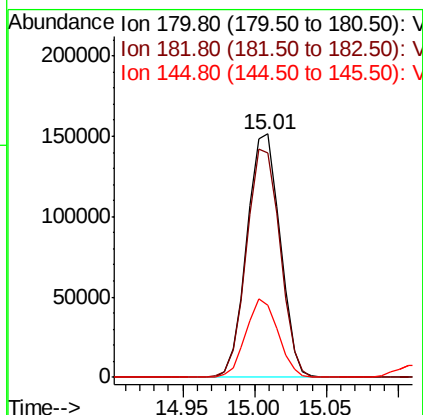
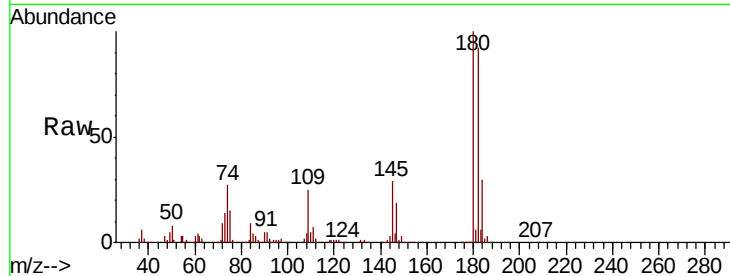




#93
 1,2,4-Trichlorobenzene
 Concen: 53.153 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

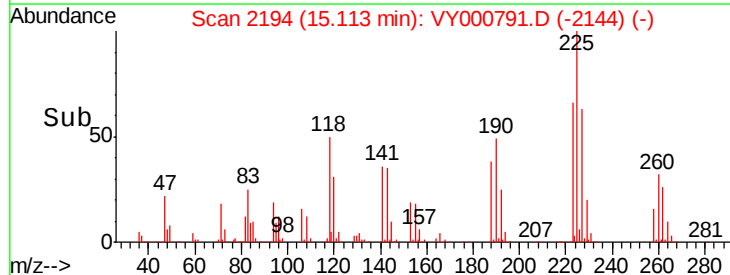
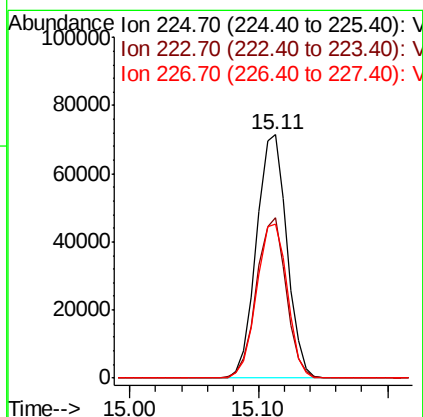
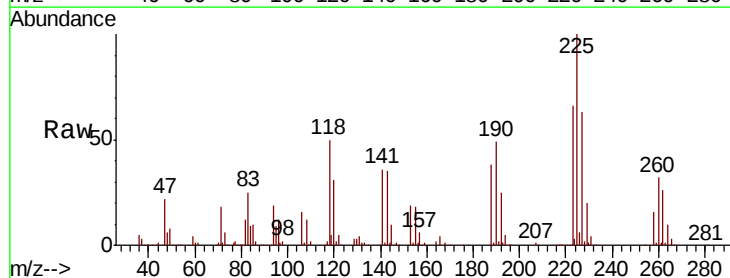
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

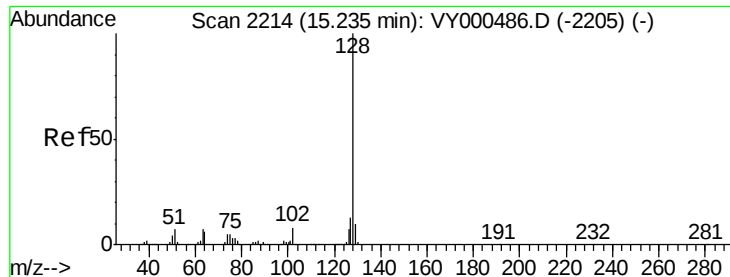
Tot Ion:180 Resp: 241442
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.8 143.4
 145 31.1 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 49.498 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion:225 Resp: 115899
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.3 93.8
 227 64.1 32.4 97.0





#95

Naphthalene

Concen: 56.642 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

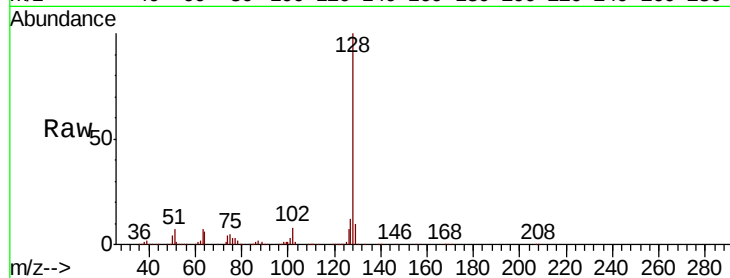
Tot Ion:128 Resp: 571160

Ion Ratio Lower Upper

128 100

127 12.1 9.8 14.6

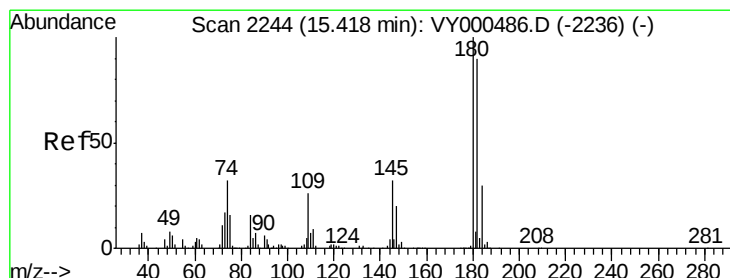
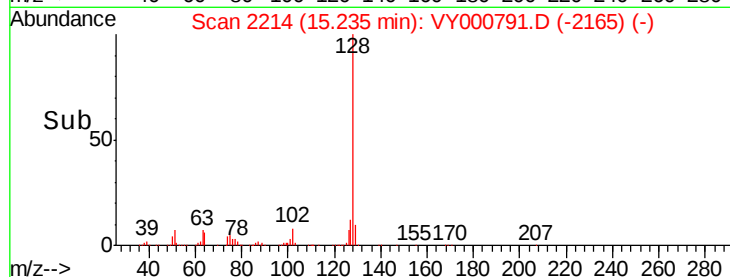
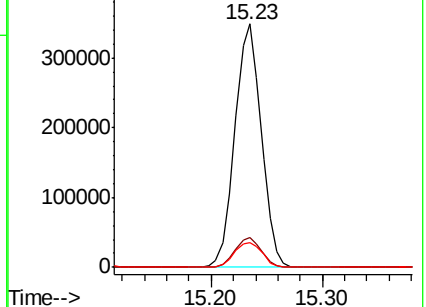
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.679 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

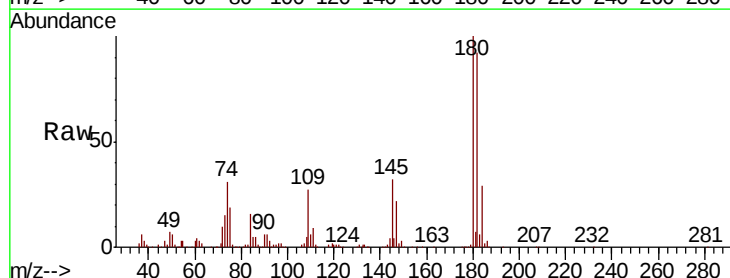
Tgt Ion:180 Resp: 218753

Ion Ratio Lower Upper

180 100

182 93.2 47.4 142.3

145 32.3 15.7 47.0



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

