

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112619\
 Data File : VY000793.D
 Acq On : 26 Nov 2019 10:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 26 11:31:25 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	329051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	565716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	508239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	235197	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	172568	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	7.72	113	170478	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
50) Toluene-d8	10.18	98	691868	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	
62) 4-Bromofluorobenzene	12.48	95	245369	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	146592	45.256	ug/l	97
3) Chloromethane	2.12	50	185839	41.648	ug/l	95
4) Vinyl Chloride	2.26	62	188179	45.414	ug/l	98
5) Bromomethane	2.65	94	113913	45.844	ug/l	94
6) Chloroethane	2.80	64	120531	46.477	ug/l	96
7) Trichlorofluoromethane	3.13	101	277467	49.584	ug/l	96
8) Diethyl Ether	3.53	74	108744	54.690	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	178003	52.615	ug/l	96
10) Methyl Iodide	4.10	142	223661	50.212	ug/l	98
11) Tert butyl alcohol	4.96	59	84418	254.670	ug/l	98
12) 1,1-Dichloroethene	3.88	96	174496	53.089	ug/l	93
13) Acrolein	3.74	56	67388	233.389	ug/l	99
14) Allyl chloride	4.49	41	297671	55.696	ug/l	94
15) Acrylonitrile	5.18	53	283634	278.462	ug/l	99
16) Acetone	3.96	43	213133	227.093	ug/l	93
17) Carbon Disulfide	4.20	76	518353	50.001	ug/l	98
18) Methyl Acetate	4.48	43	161294	55.272	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	492369	53.877	ug/l	97
20) Methylene Chloride	4.72	84	202612	50.382	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	196215	52.804	ug/l	96
22) Diisopropyl ether	6.13	45	629330	54.174	ug/l	93
23) Vinyl Acetate	6.07	43	1911127	260.616	ug/l	97
24) 1,1-Dichloroethane	6.02	63	347108	55.155	ug/l	99
25) 2-Butanone	7.00	43	395489	264.042	ug/l	100
26) 2,2-Dichloropropane	6.99	77	298488	51.900	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	222500	54.760	ug/l	99
28) Bromochloromethane	7.35	49	149315	51.858	ug/l	99
29) Tetrahydrofuran	7.35	42	234749	256.188	ug/l	95
30) Chloroform	7.52	83	341265	53.604	ug/l	97
31) Cyclohexane	7.79	56	335772	50.940	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	294811	51.959		

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	364719	52.787	ug/l	99
40) Benzene	8.17	78	814214	51.930	ug/l	99
41) Methacrylonitrile	7.35	41	209207	118.111	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	211451	47.549	ug/l	97
43) Isopropyl Acetate	8.28	43	300195	50.330	ug/l	97
44) Trichloroethene	8.94	130	213332	51.604	ug/l	99
45) 1,2-Dichloropropane	9.22	63	209216	54.216	ug/l	96
46) Dibromomethane	9.31	93	108417	51.086	ug/l	98
47) Bromodichloromethane	9.50	83	259982	51.628	ug/l	98
48) Methyl methacrylate	9.30	41	130177	49.952	ug/l	94
49) 1,4-Dioxane	9.30	88	29174	1021.411	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	787769	248.416	ug/l	94
52) Toluene	10.25	92	503705	50.813	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	283906	52.764	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	335674	54.457	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	160905	52.419	ug/l	97
56) Ethyl methacrylate	10.51	69	238690	54.863	ug/l #	90
57) 1,3-Dichloropropane	10.79	76	282945	52.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	522375	265.586	ug/l	98
59) 2-Hexanone	10.83	43	606661	262.567	ug/l	94
60) Dibromochloromethane	10.99	129	181523	51.628	ug/l	98
61) 1,2-Dibromoethane	11.09	107	150904	51.130	ug/l	97
64) Tetrachloroethene	10.72	164	219889	52.323	ug/l	97
65) Chlorobenzene	11.52	112	532365	51.664	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	184996	51.765	ug/l	97
67) Ethyl Benzene	11.59	91	983758	51.873	ug/l	98
68) m/p-Xylenes	11.70	106	734621	100.083	ug/l	96
69) o-Xylene	12.03	106	346081	50.168	ug/l	99
70) Styrene	12.04	104	602690	51.021	ug/l	99
71) Bromoform	12.20	173	105843	51.492	ug/l #	99
73) Isopropylbenzene	12.33	105	955925	54.992	ug/l	100
74) N-amyl acetate	12.14	43	257135	51.650	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	184652	53.649	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	257720	96.235	ug/l #	100
77) Bromobenzene	12.61	156	205200	52.056	ug/l	96
78) n-propylbenzene	12.67	91	1147740	54.722	ug/l	99
79) 2-Chlorotoluene	12.75	91	633797	54.432	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	782496	54.050	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	72127	60.387	ug/l	90
82) 4-Chlorotoluene	12.85	91	660486	54.722	ug/l	98
83) tert-Butylbenzene	13.08	119	666837	53.946	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	788429	54.697	ug/l	99
85) sec-Butylbenzene	13.25	105	977329	55.495	ug/l	100
86) p-Isopropyltoluene	13.37	119	845550	53.870	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	402077	52.076	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	404659	52.449	ug/l	99
89) n-Butylbenzene	13.70	91	857347	55.380	ug/l	99
90) Hexachloroethane	13.96	117	161767	55.748	ug/l	96

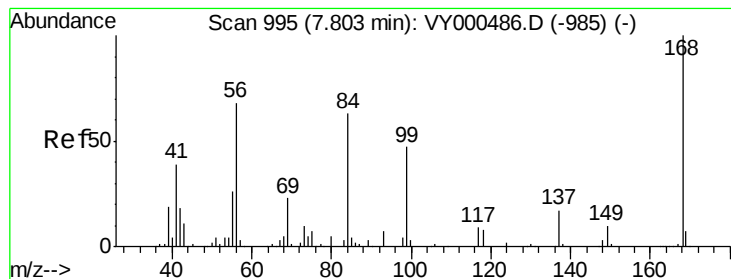
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	246701	51.720	ug/l	99
94) Hexachlorobutadiene	15.11	225	126150	51.306	ug/l	97
95) Naphthalene	15.23	128	575393	54.339	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	216601	50.615	ug/l	99

(#) = 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: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

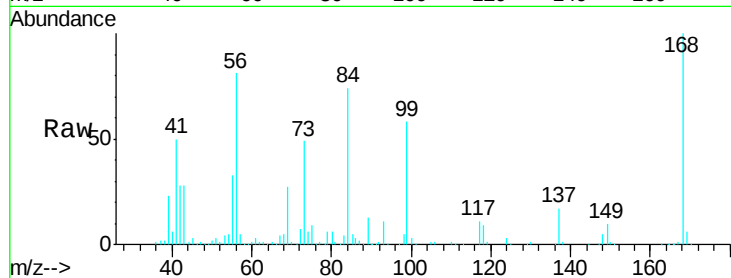
VSTDCCC050

Tgt Ion:168 Resp: 329051

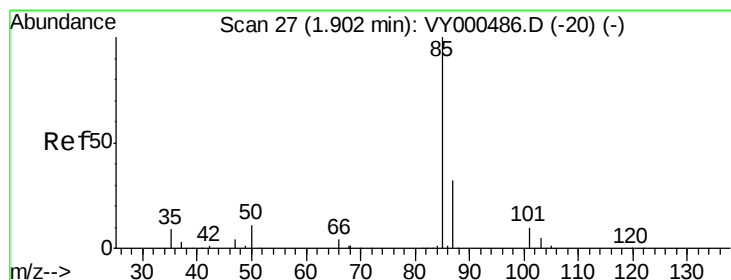
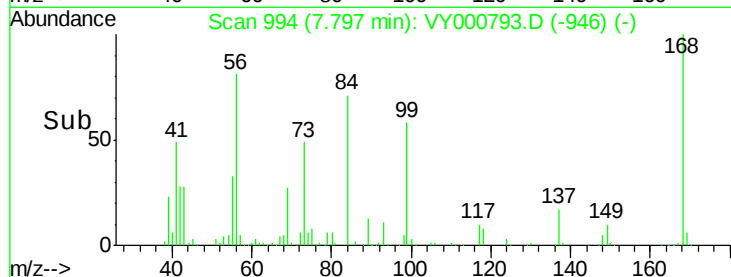
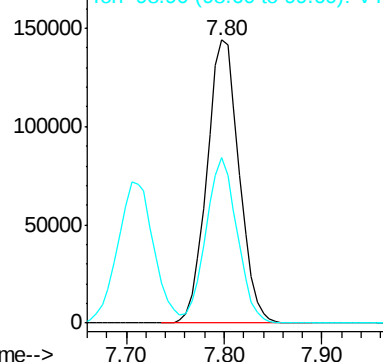
Ion Ratio Lower Upper

168 100

99 58.5 45.7 68.5



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



#2

Dichlorodifluoromethane

Concen: 45.256 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000793.D

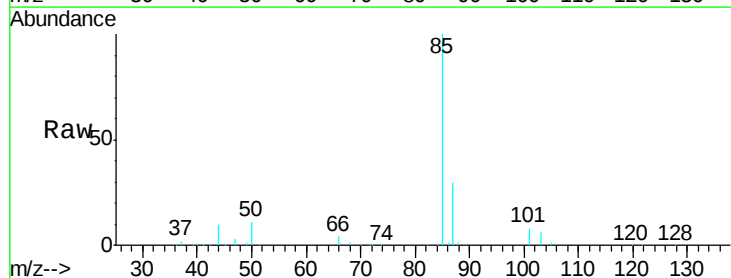
Acq: 26 Nov 2019 10:45

Tgt Ion: 85 Resp: 146592

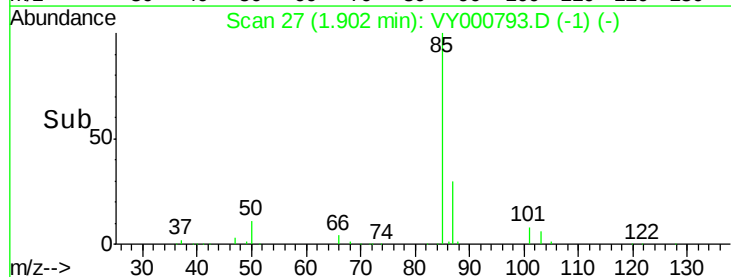
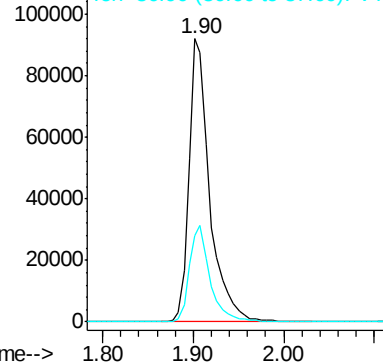
Ion Ratio Lower Upper

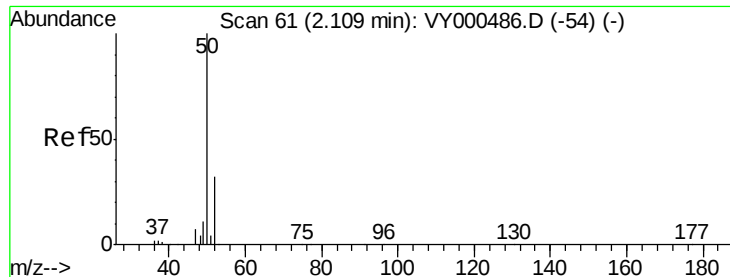
85 100

87 30.4 15.9 47.7



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





#3

Chloromethane

Concen: 41.648 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

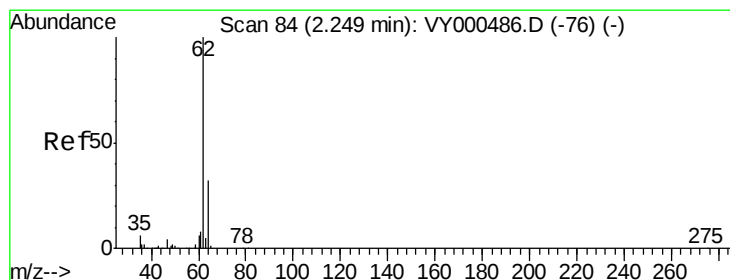
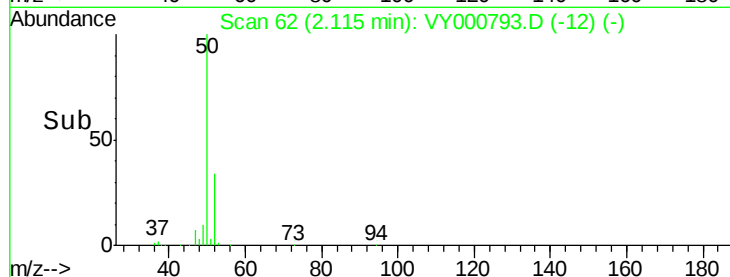
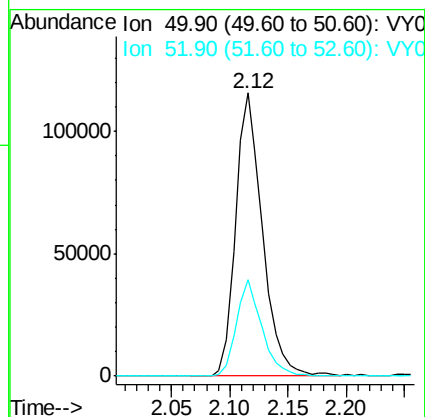
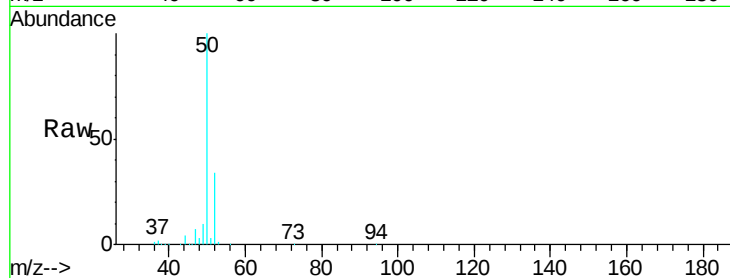
VSTDCCC050

Tgt Ion: 50 Resp: 185839

Ion Ratio Lower Upper

50 100

52 34.3 25.2 37.8



#4

Vinyl Chloride

Concen: 45.414 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000793.D

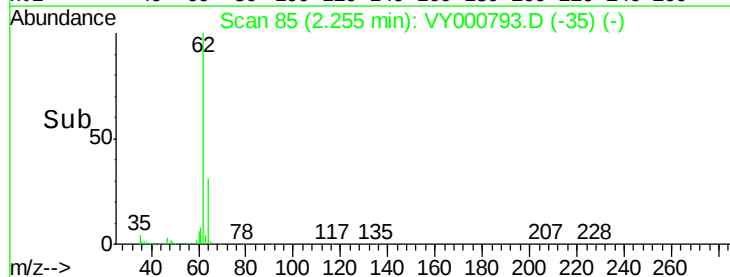
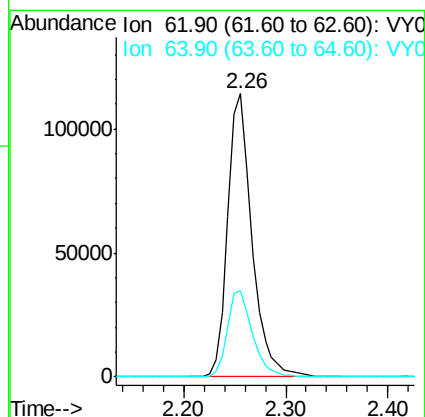
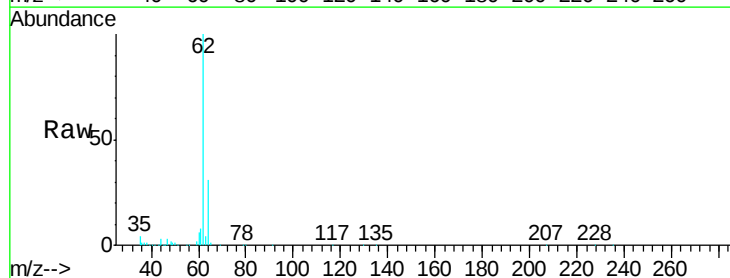
Acq: 26 Nov 2019 10:45

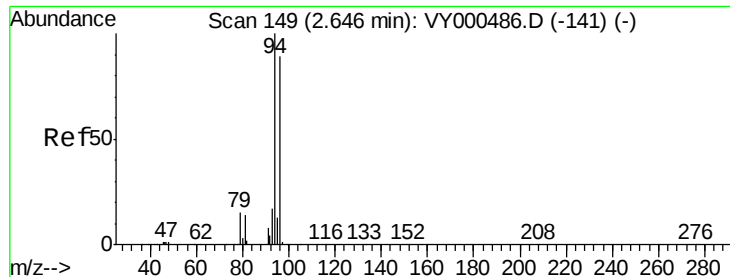
Tgt Ion: 62 Resp: 188179

Ion Ratio Lower Upper

62 100

64 30.6 25.2 37.8





#5

Bromomethane

Concen: 45.844 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

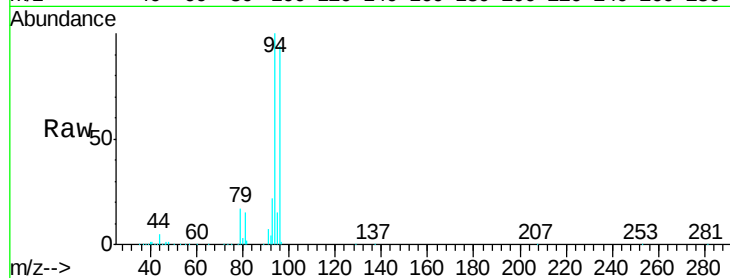
VSTDCCC050

Tgt Ion: 94 Resp: 113913

Ion Ratio Lower Upper

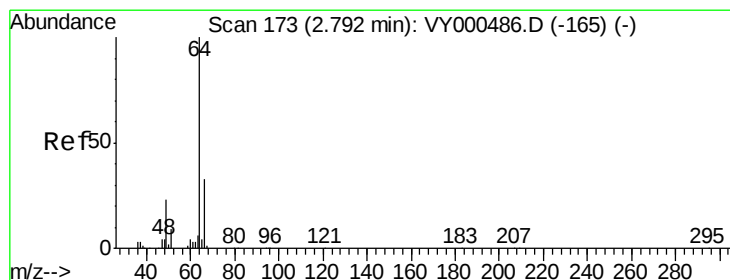
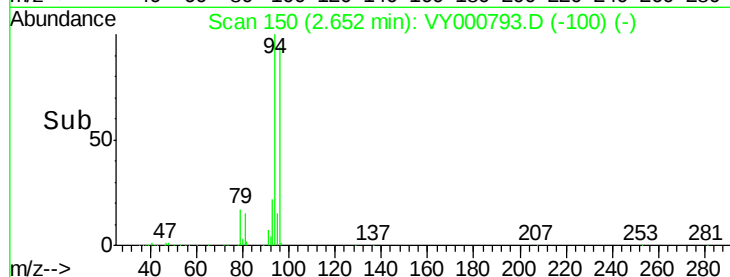
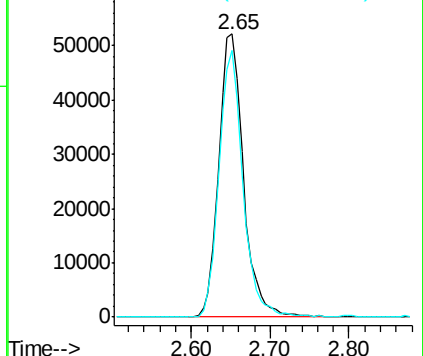
94 100

96 94.3 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 46.477 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000793.D

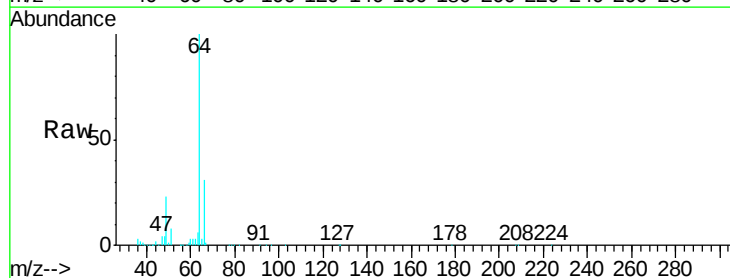
Acq: 26 Nov 2019 10:45

Tgt Ion: 64 Resp: 120531

Ion Ratio Lower Upper

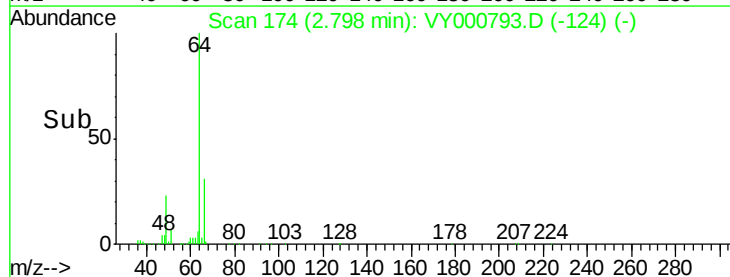
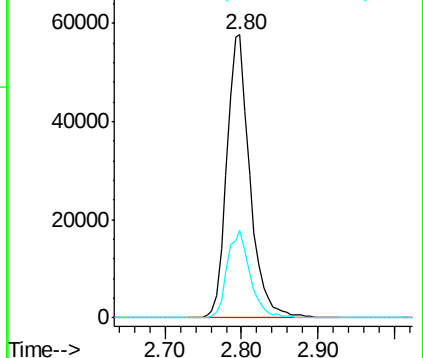
64 100

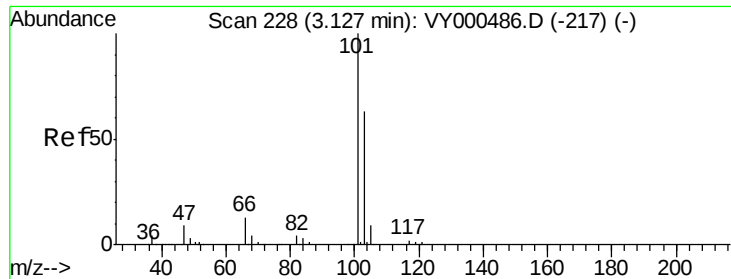
66 30.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



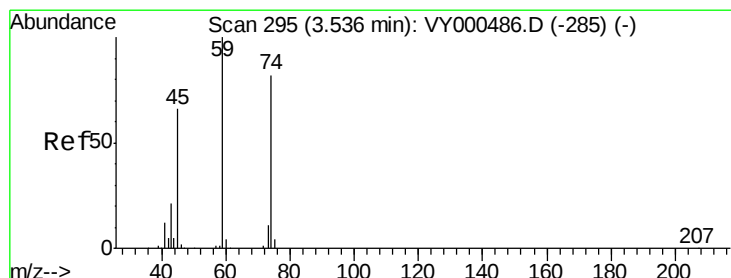
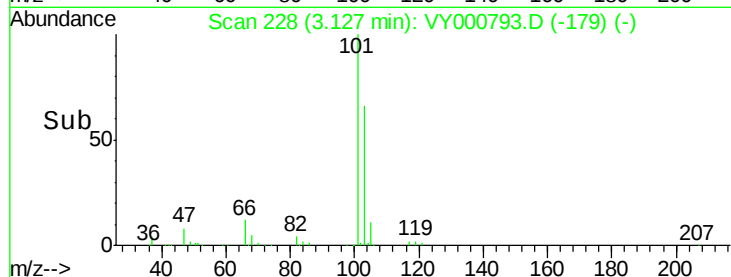
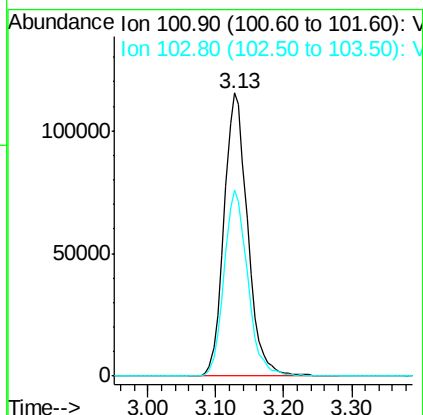
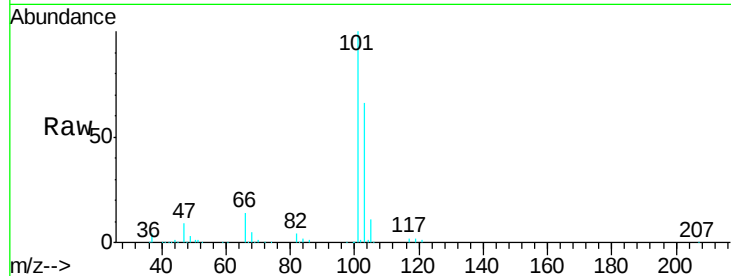


#7

Trichlorofluoromethane
 Concen: 49.584 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

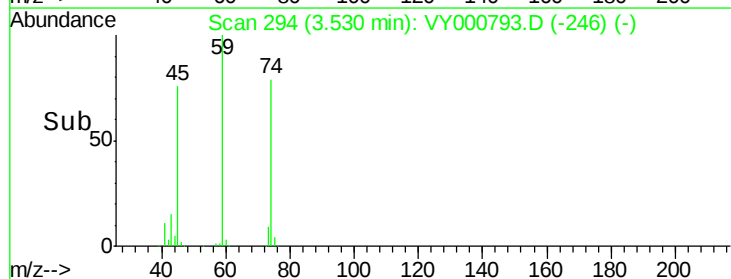
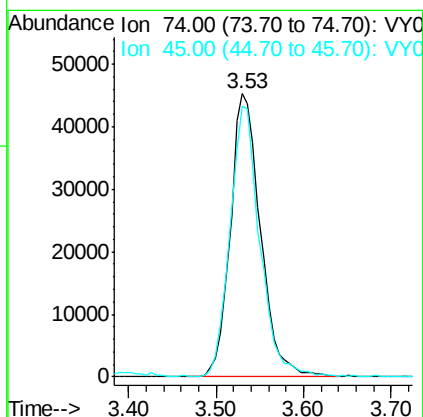
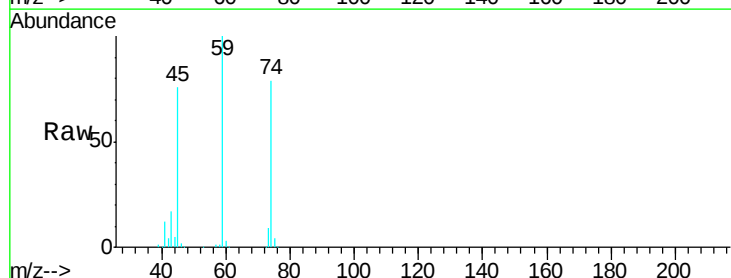
Tgt Ion:101 Resp: 277467
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.5 75.7

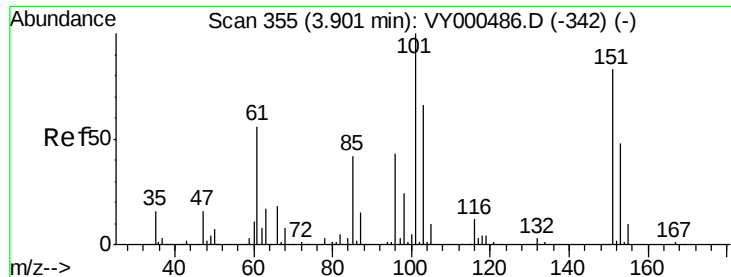


#8

Diethyl Ether
 Concen: 54.690 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion: 74 Resp: 108744
 Ion Ratio Lower Upper
 74 100
 45 94.4 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.615 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

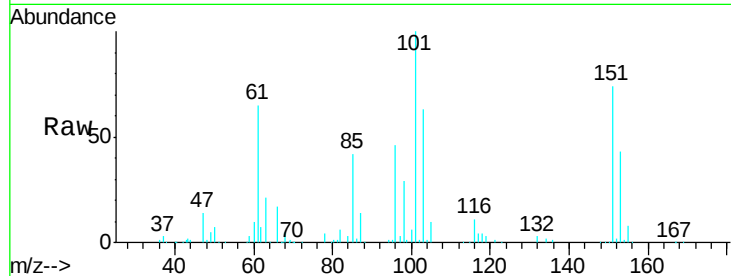
Tgt Ion:101 Resp: 178003

Ion Ratio Lower Upper

101 100

85 44.6 36.7 55.1

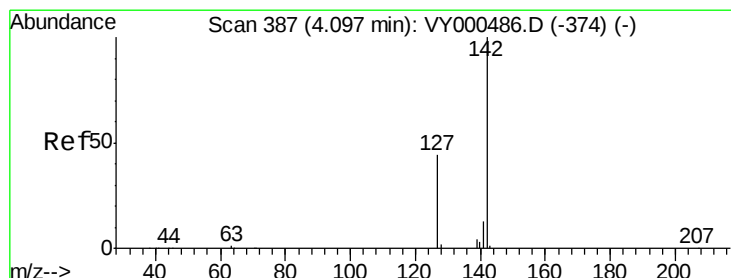
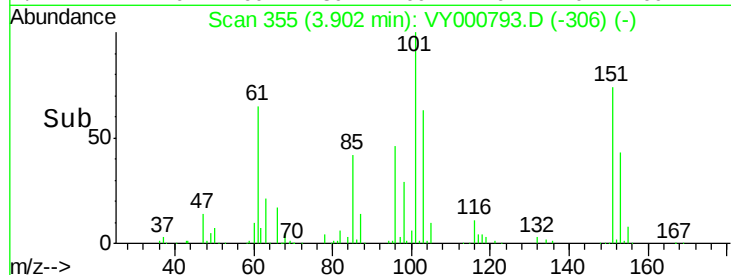
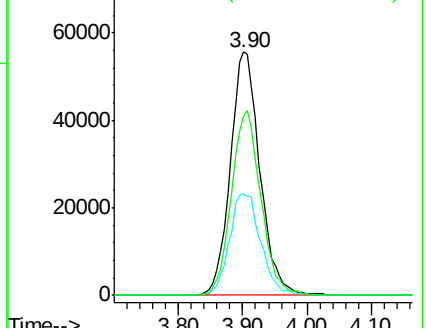
151 75.4 64.3 96.5



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: 50.212 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

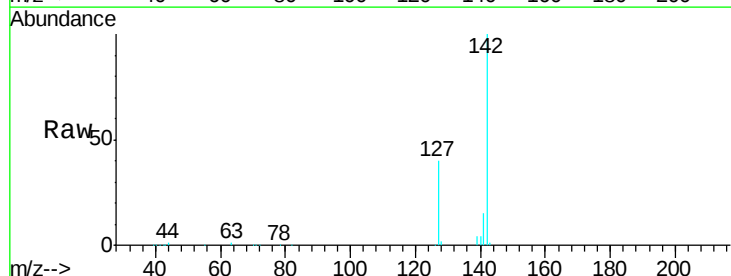
Tgt Ion:142 Resp: 223661

Ion Ratio Lower Upper

142 100

127 40.8 33.7 50.5

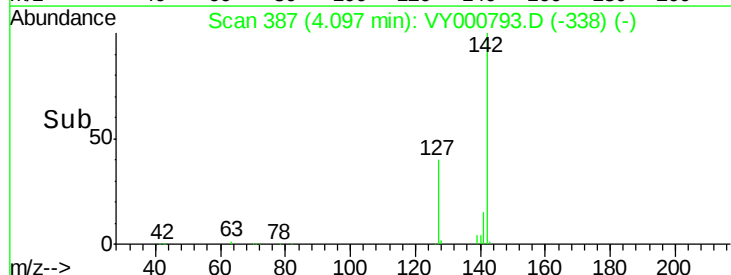
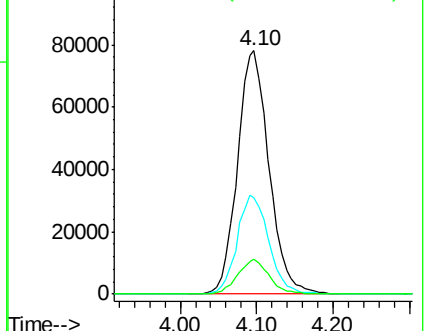
141 14.1 10.9 16.3

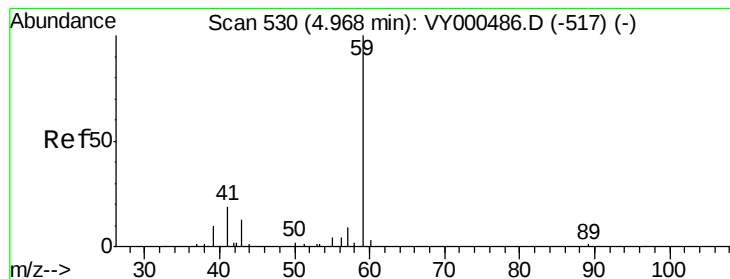


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



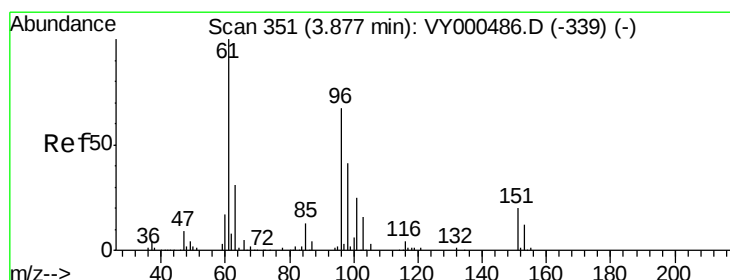
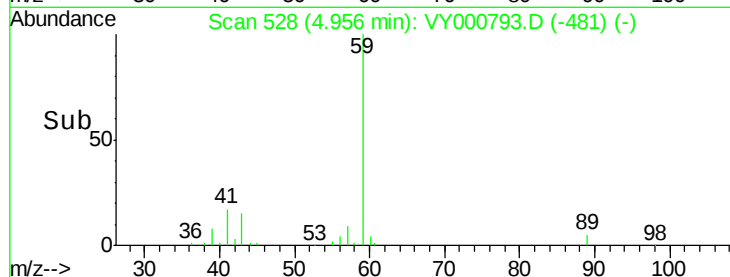
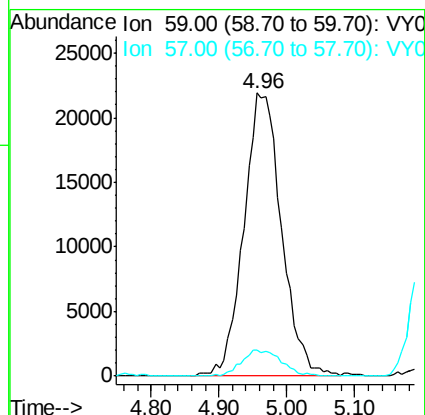
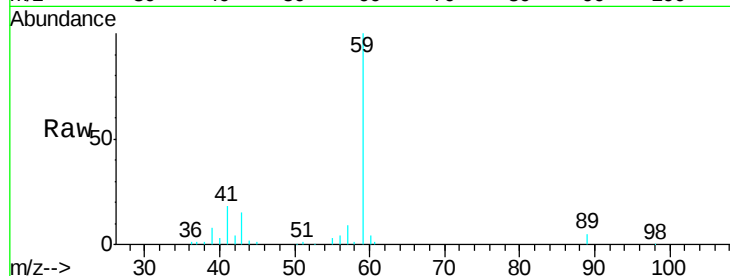


#11

Tert butyl alcohol
 Concen: 254.670 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

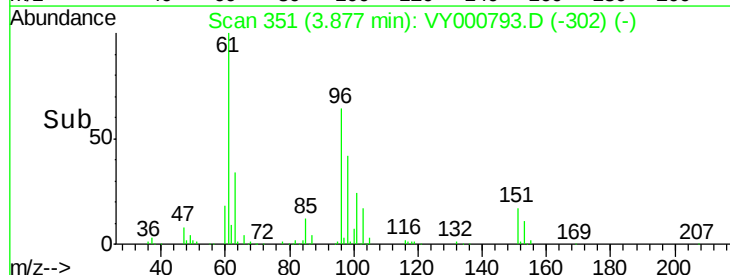
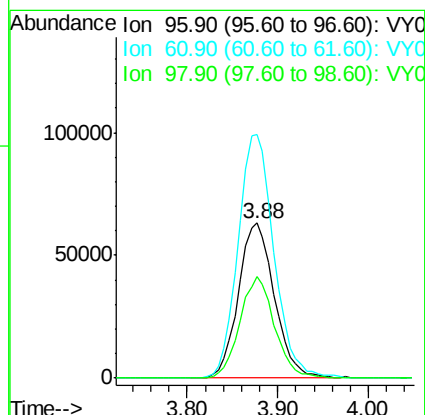
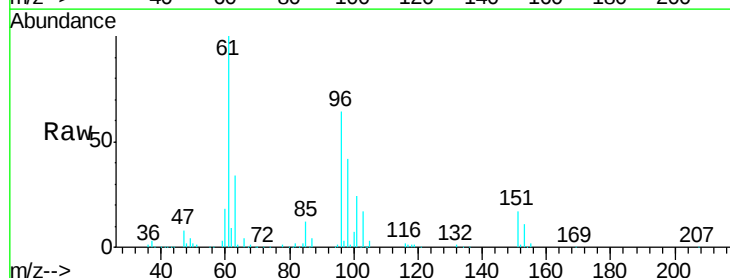
Tgt Ion: 59 Resp: 84418
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.6 12.8

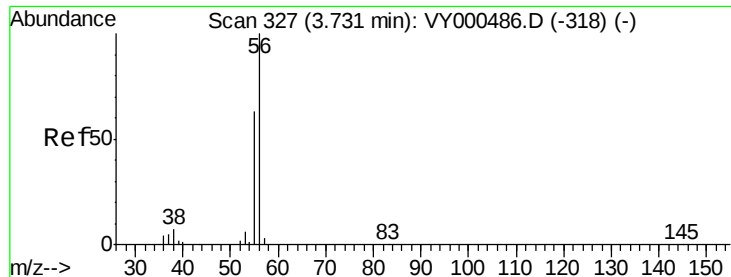


#12

1,1-Dichloroethene
 Concen: 53.089 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion: 96 Resp: 174496
 Ion Ratio Lower Upper
 96 100
 61 157.4 119.2 178.8
 98 65.6 48.6 73.0





#13

Acrolein

Concen: 233.389 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

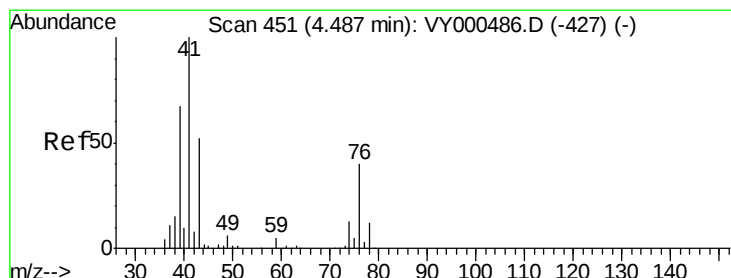
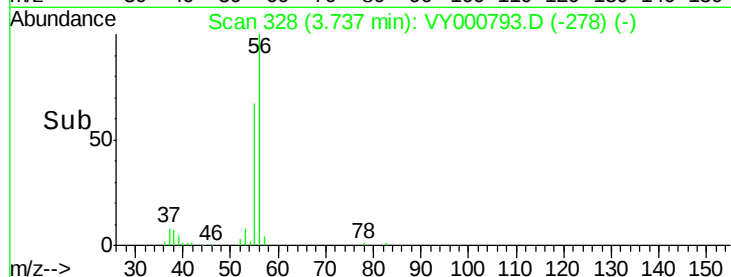
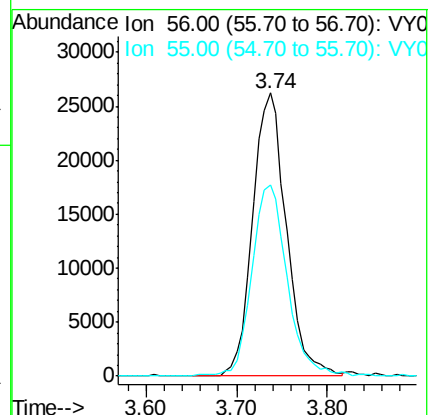
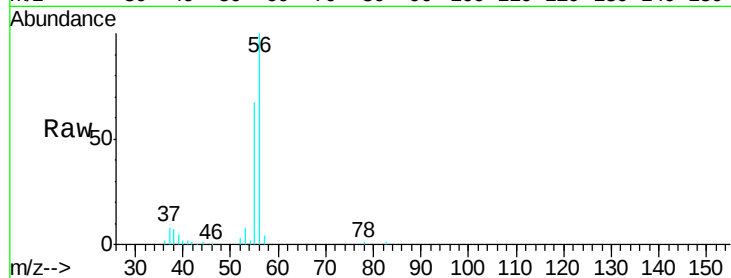
VSTDCCC050

Tgt Ion: 56 Resp: 67388

Ion Ratio Lower Upper

56 100

55 70.8 57.0 85.6



#14

Allyl chloride

Concen: 55.696 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

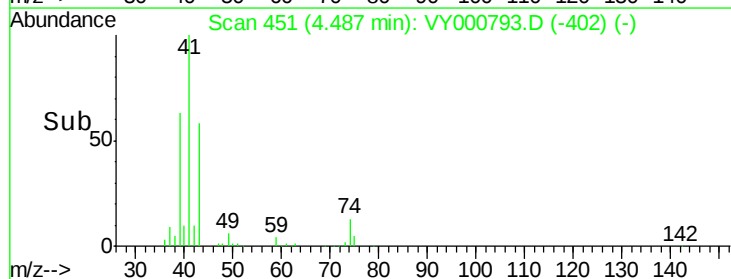
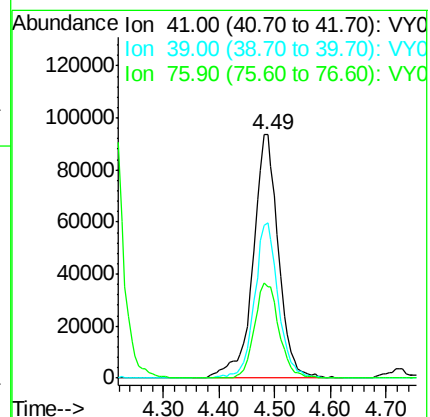
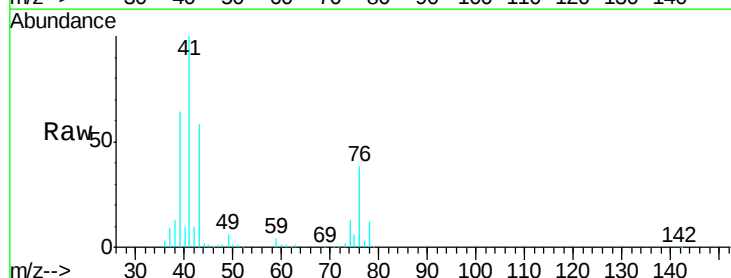
Tgt Ion: 41 Resp: 297671

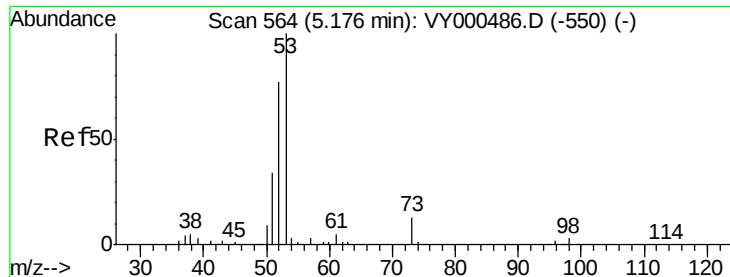
Ion Ratio Lower Upper

41 100

39 59.9 53.6 80.4

76 37.8 29.8 44.6





#15

Acrylonitrile

Concen: 278.462 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

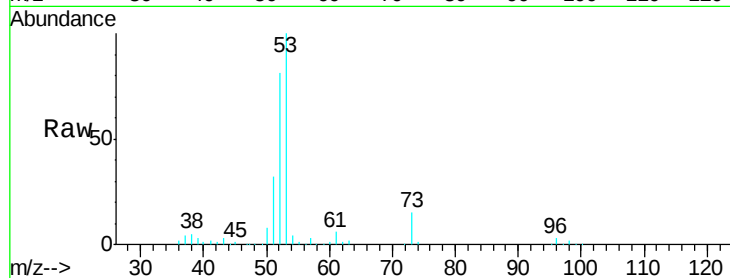
Tgt Ion: 53 Resp: 283634

Ion Ratio Lower Upper

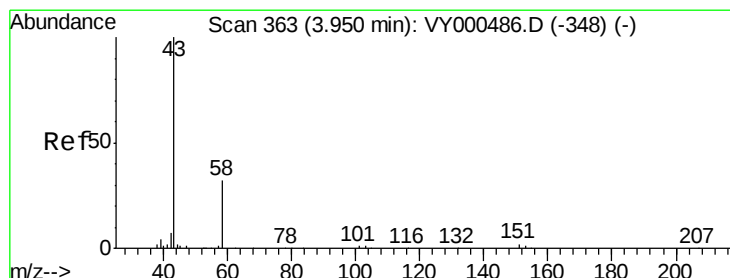
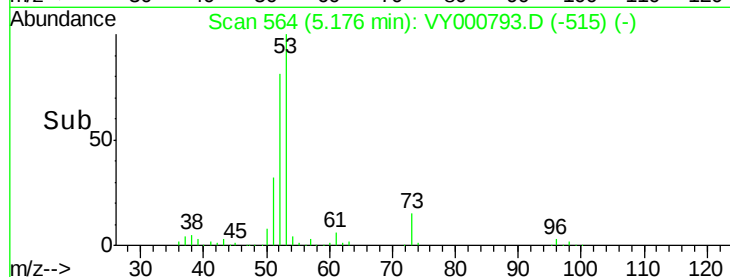
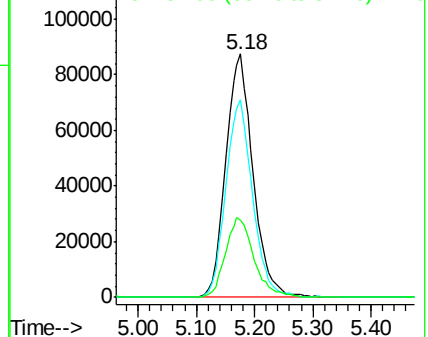
53 100

52 79.4 64.9 97.3

51 34.2 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: 227.093 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000793.D

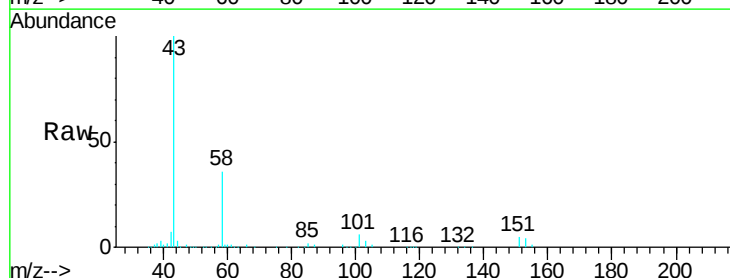
Acq: 26 Nov 2019 10:45

Tgt Ion: 43 Resp: 213133

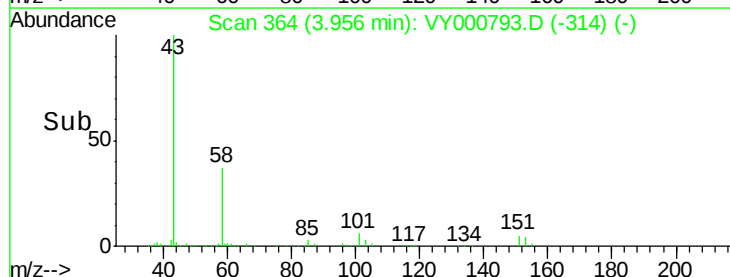
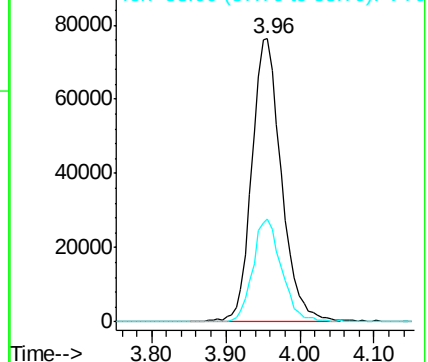
Ion Ratio Lower Upper

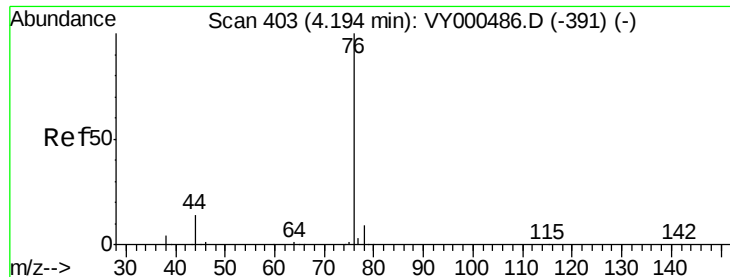
43 100

58 36.4 25.8 38.6



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

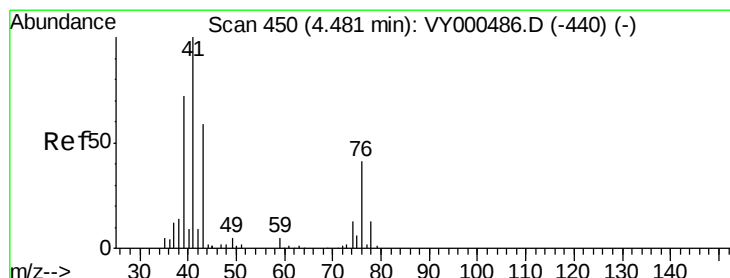
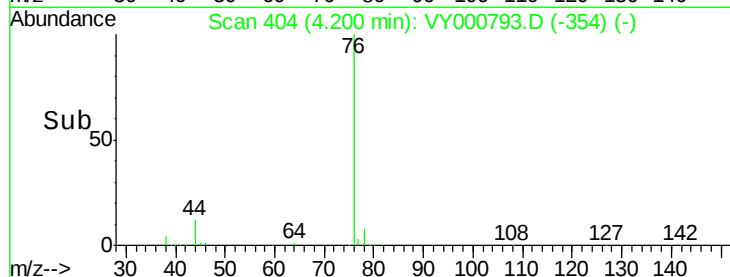
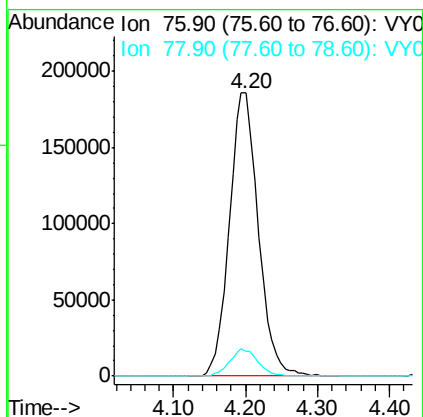
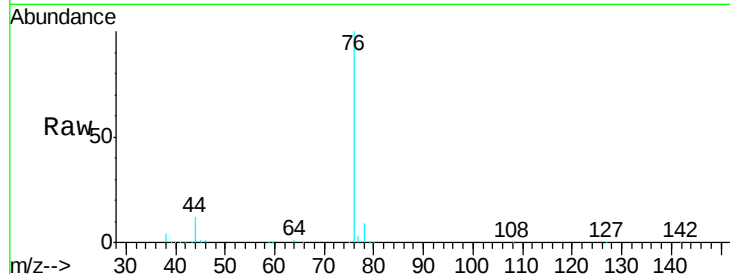




#17
Carbon Disulfide
Concen: 50.001 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

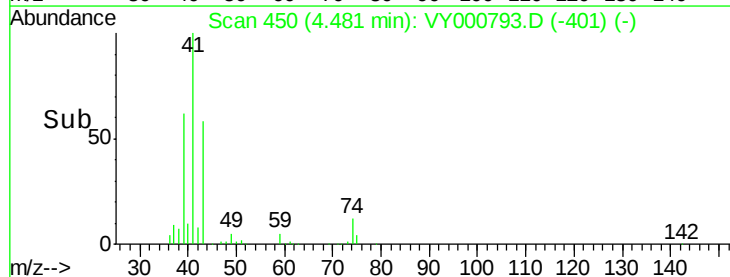
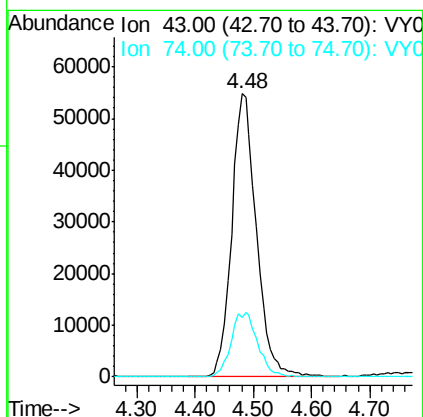
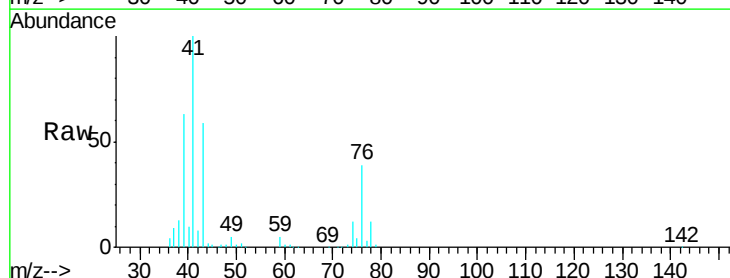
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

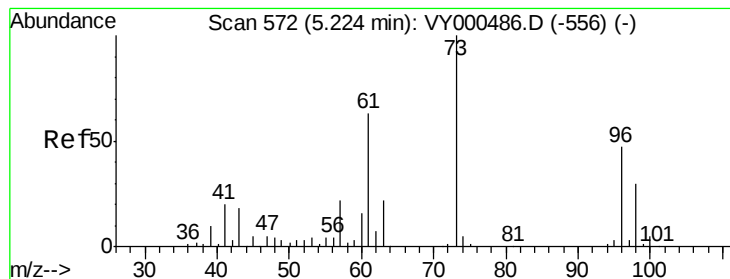
Tgt Ion: 76 Resp: 518353
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 55.272 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion: 43 Resp: 161294
Ion Ratio Lower Upper
43 100
74 24.8 19.2 28.8



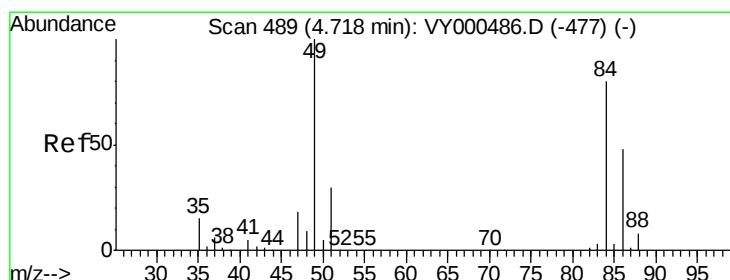
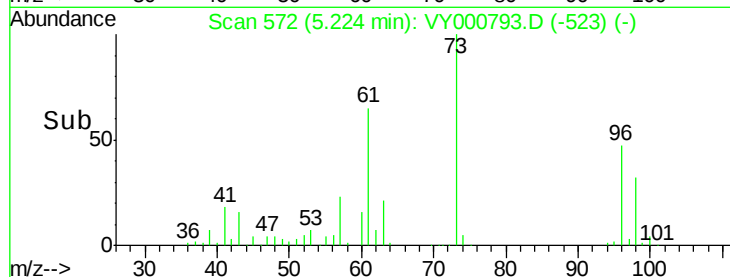
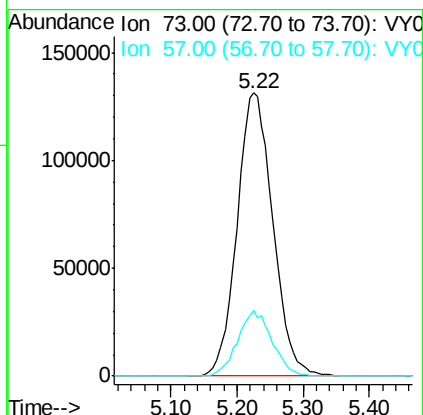
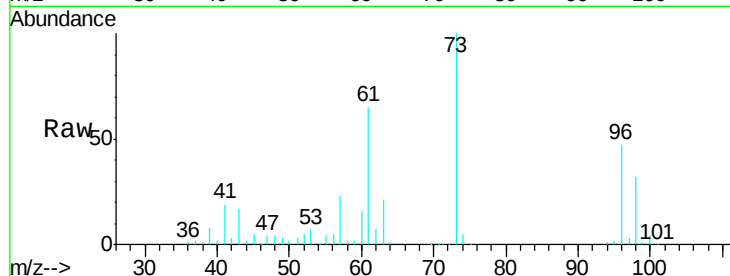


#19

Methyl tert-butyl Ether
 Concen: 53.877 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

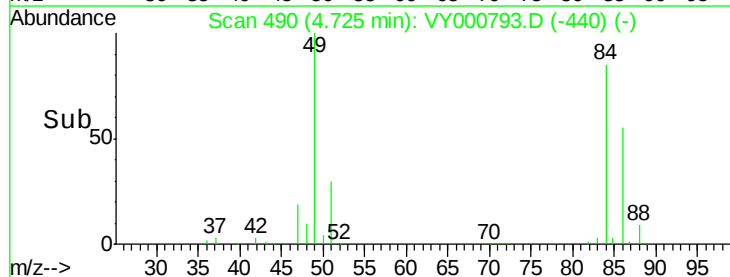
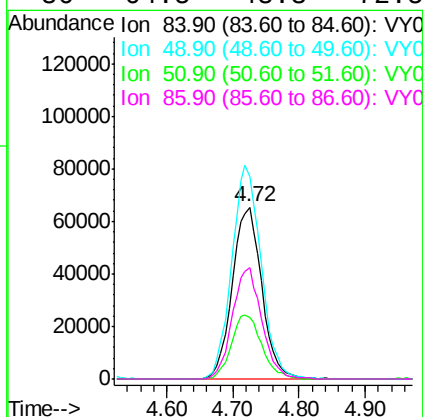
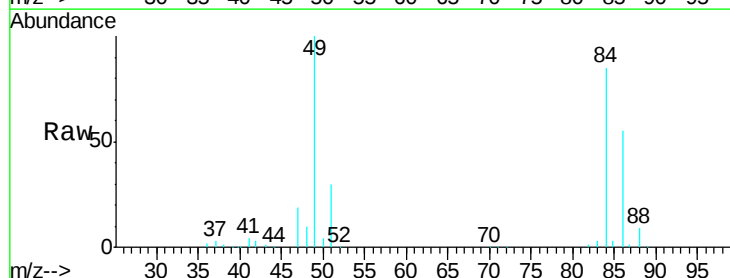
Tgt Ion: 73 Resp: 492369
 Ion Ratio Lower Upper
 73 100
 57 23.3 17.4 26.0

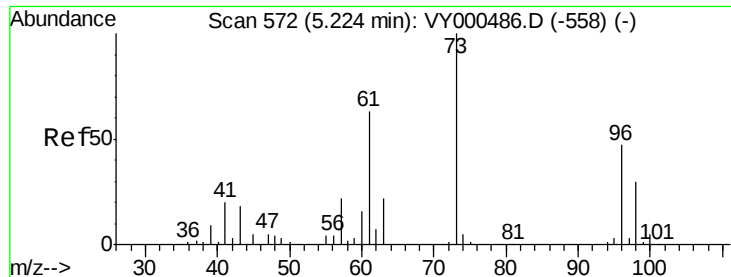


#20

Methylene Chloride
 Concen: 50.382 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion: 84 Resp: 202612
 Ion Ratio Lower Upper
 84 100
 49 117.5 100.2 150.4
 51 35.8 29.6 44.4
 86 64.5 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 52.804 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

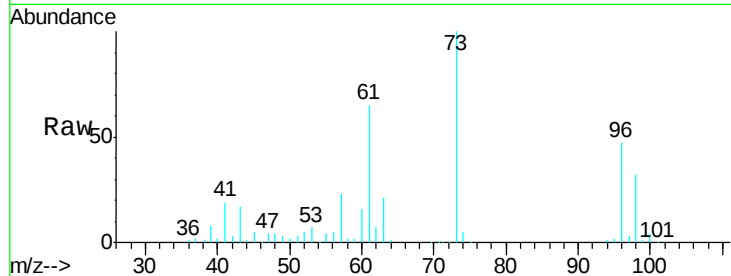
Tgt Ion: 96 Resp: 196215

Ion Ratio Lower Upper

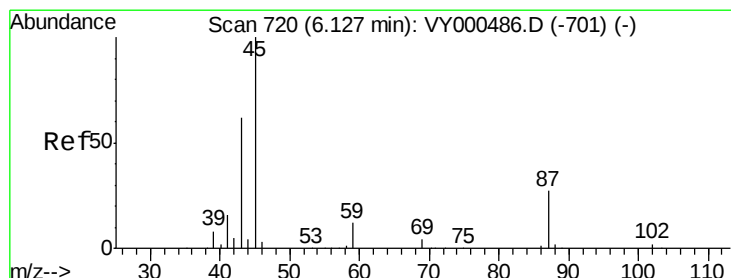
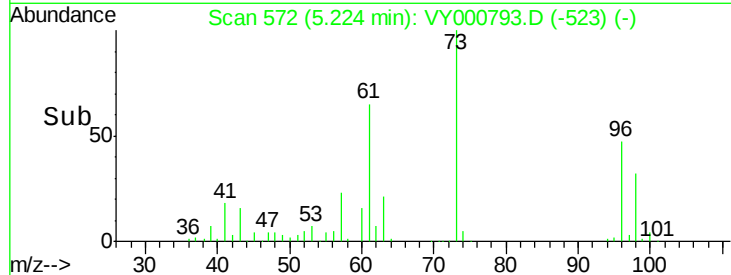
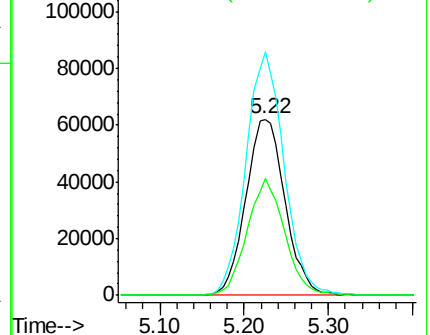
96 100

61 138.5 106.6 160.0

98 66.7 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: 54.174 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Tgt Ion: 45 Resp: 629330

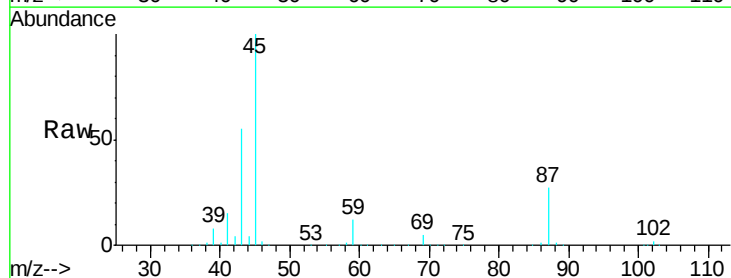
Ion Ratio Lower Upper

45 100

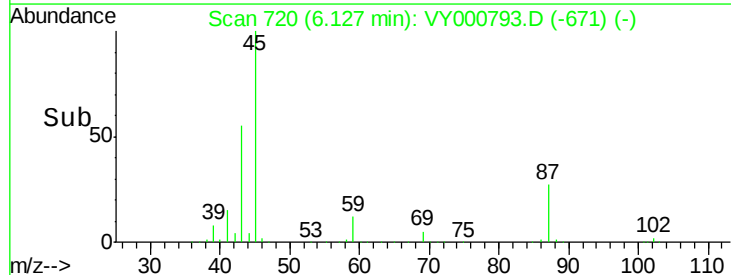
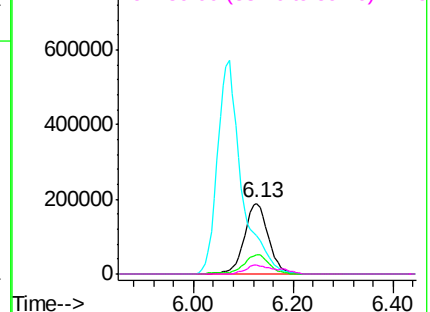
43 54.3 50.0 75.0

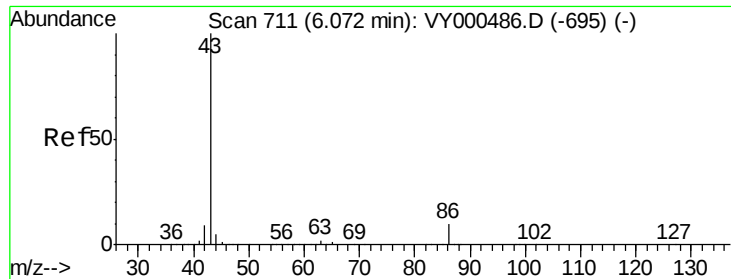
87 27.0 21.6 32.4

59 11.9 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: 260.616 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

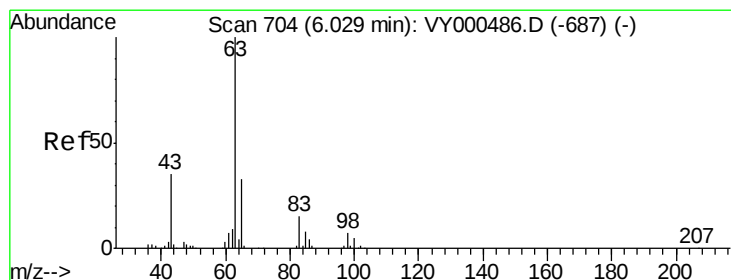
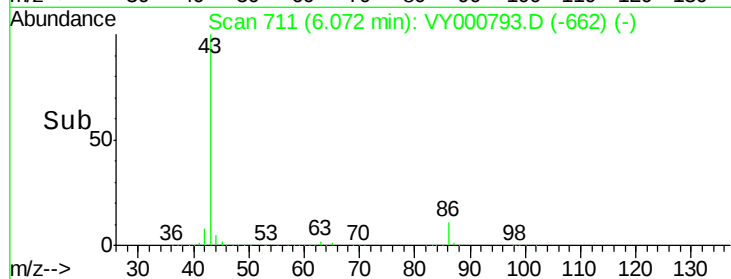
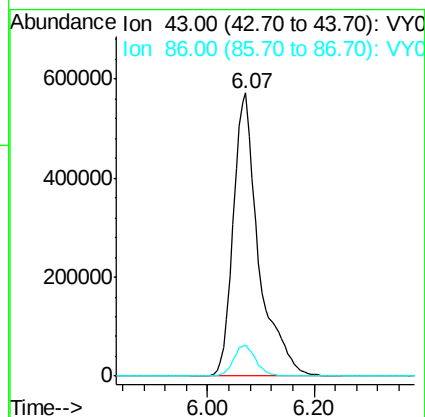
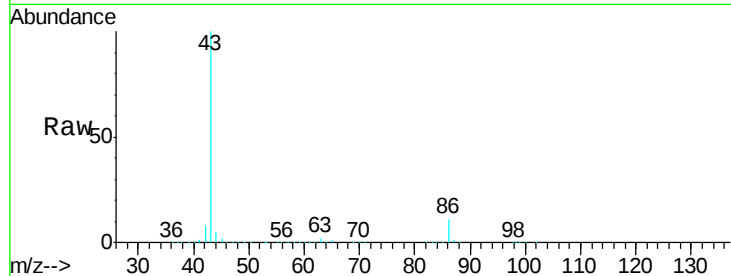
VSTDCCC050

Tgt Ion: 43 Resp: 1911127

Ion Ratio Lower Upper

43 100

86 10.9 7.8 11.6



#24

1,1-Dichloroethane

Concen: 55.155 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

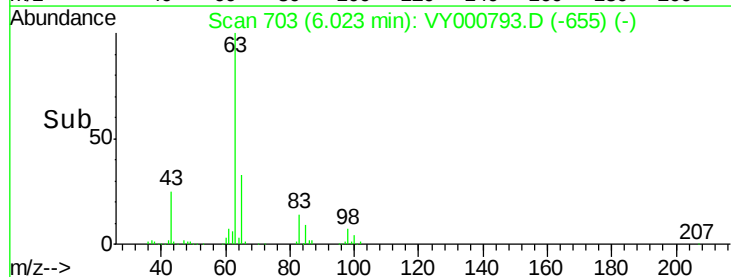
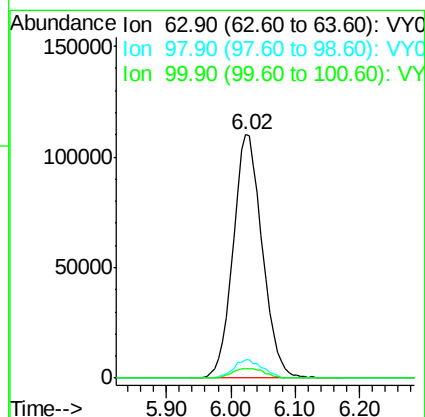
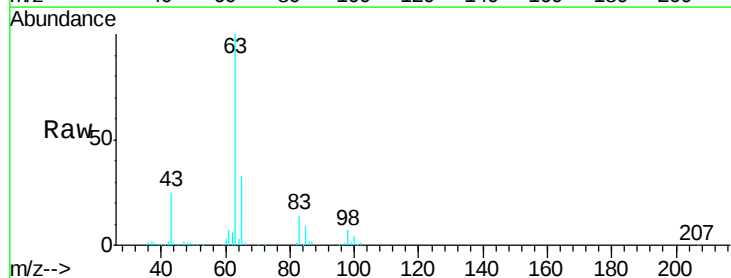
Tgt Ion: 63 Resp: 347108

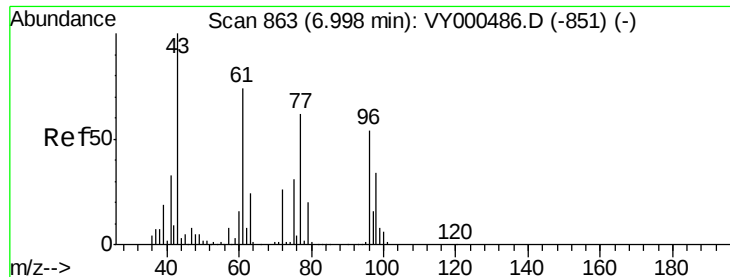
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.6

100 3.9 2.4 7.1





#25

2-Butanone

Concen: 264.042 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

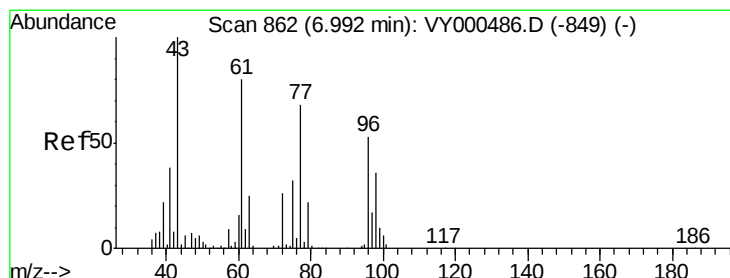
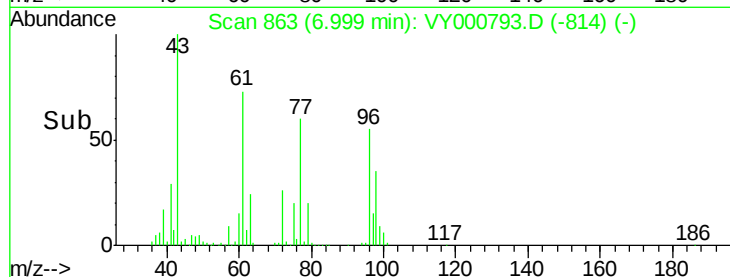
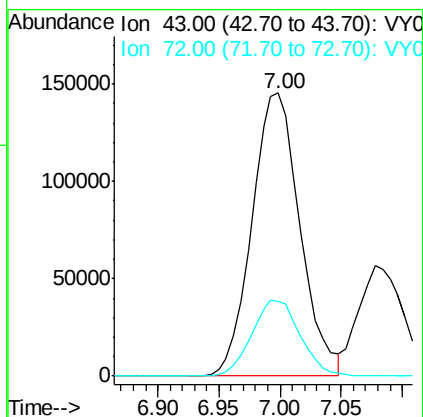
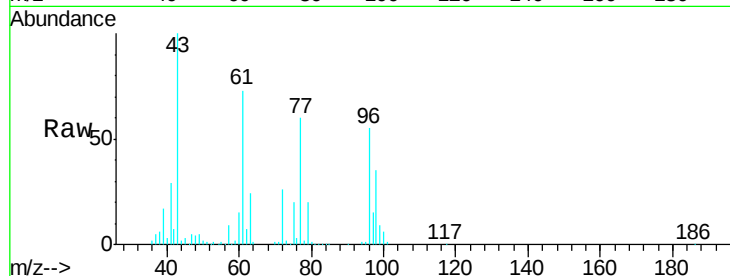
VSTDCCC050

Tgt Ion: 43 Resp: 395489

Ion Ratio Lower Upper

43 100

72 26.3 20.9 31.3



#26

2,2-Dichloropropane

Concen: 51.900 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000793.D

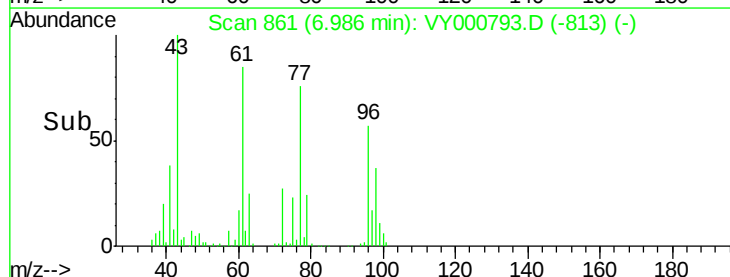
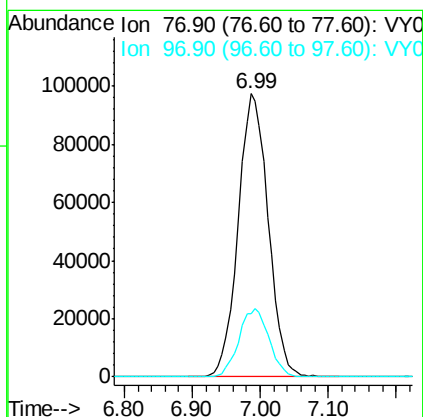
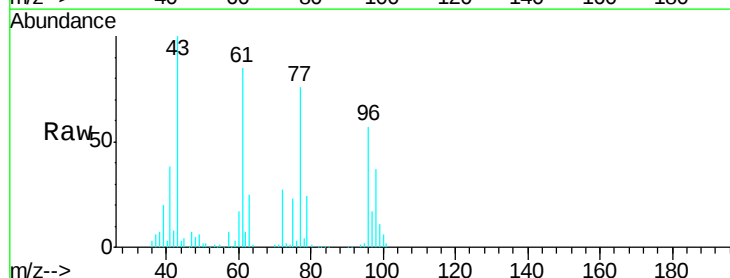
Acq: 26 Nov 2019 10:45

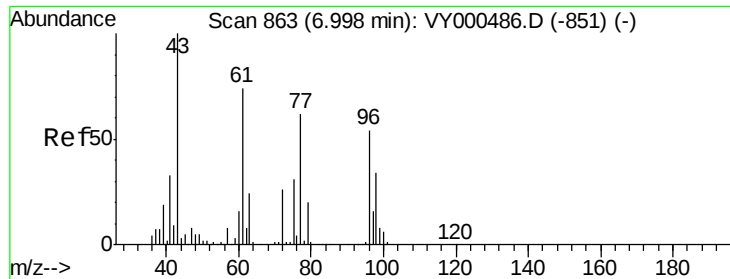
Tgt Ion: 77 Resp: 298488

Ion Ratio Lower Upper

77 100

97 24.2 11.8 35.4



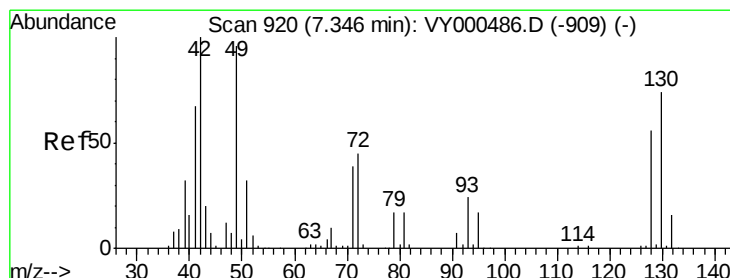
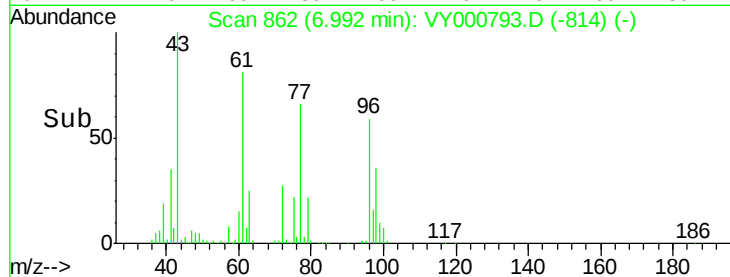
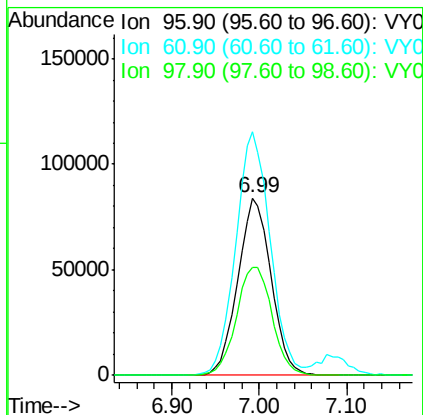
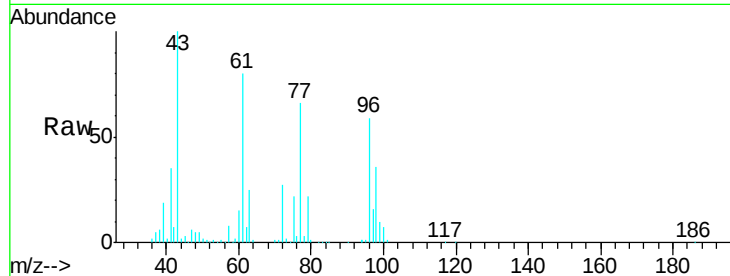


#27

cis-1,2-Dichloroethene
 Concen: 54.760 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

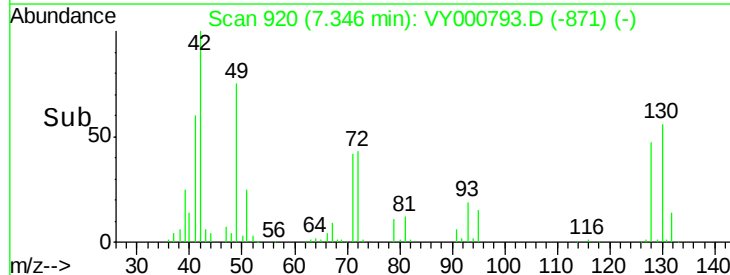
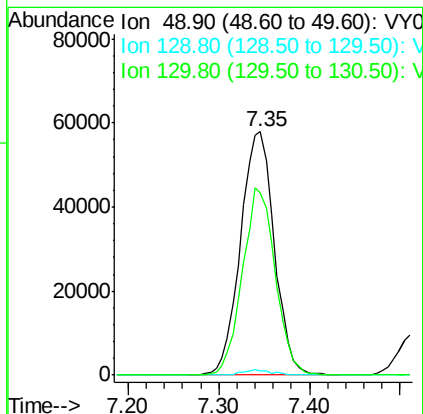
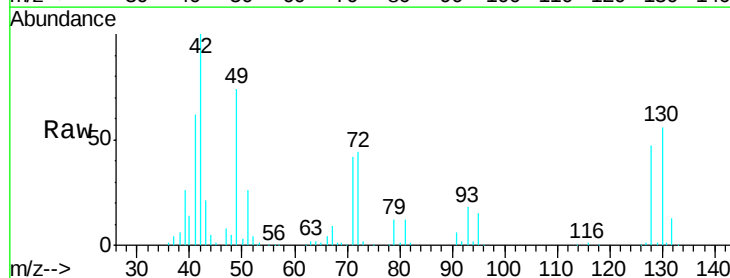
Tgt Ion: 96 Resp: 222500
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 287.0
 98 65.2 0.0 129.4

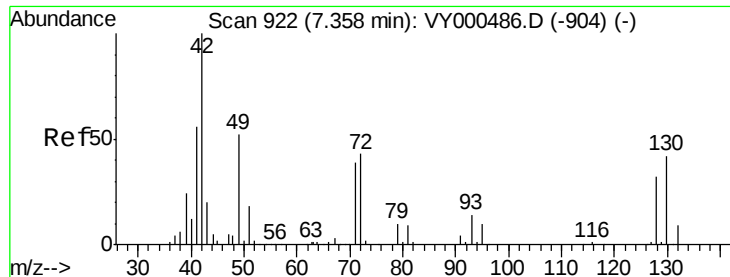


#28

Bromochloromethane
 Concen: 51.858 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion: 49 Resp: 149315
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 74.8 59.4 89.0

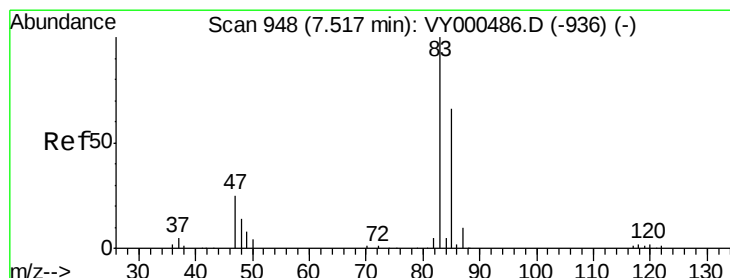
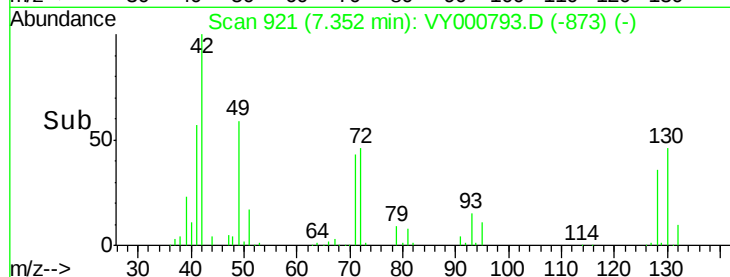
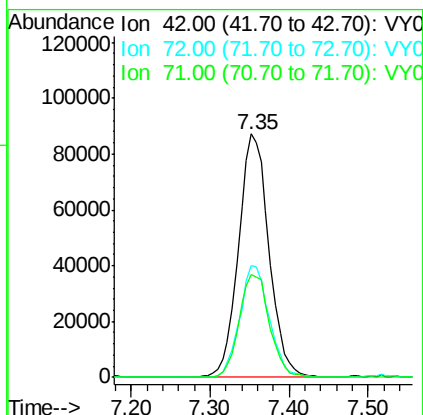
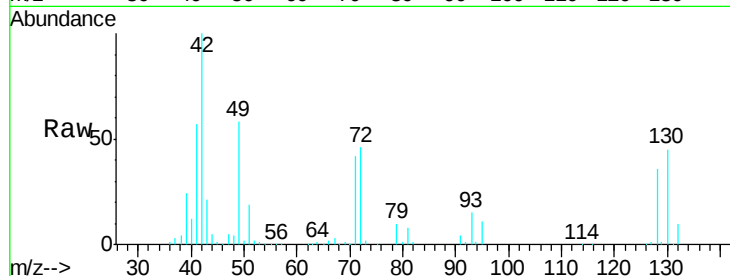




#29
Tetrahydrofuran
Concen: 256.188 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

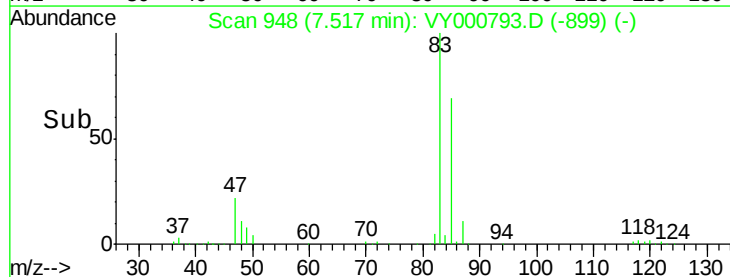
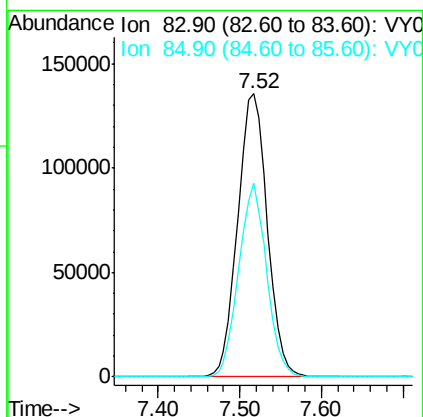
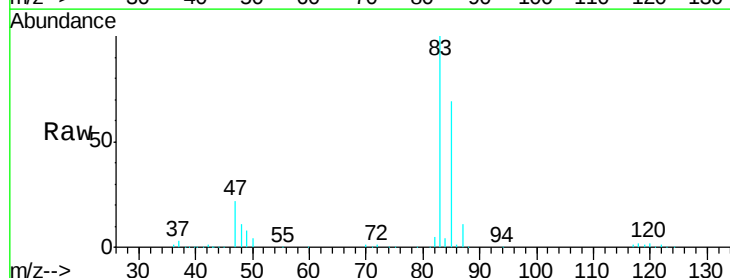
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

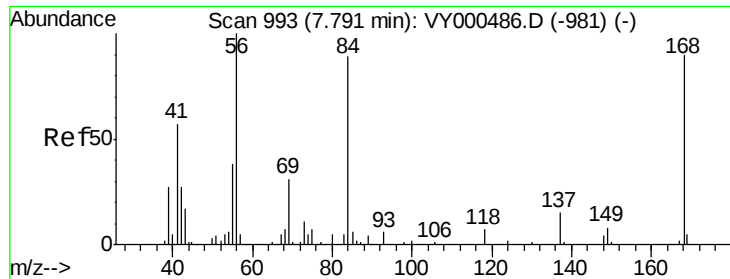
Tgt Ion: 42 Resp: 234749
Ion Ratio Lower Upper
42 100
72 44.6 34.0 51.0
71 42.1 30.8 46.2



#30
Chloroform
Concen: 53.604 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion: 83 Resp: 341265
Ion Ratio Lower Upper
83 100
85 68.6 53.0 79.4

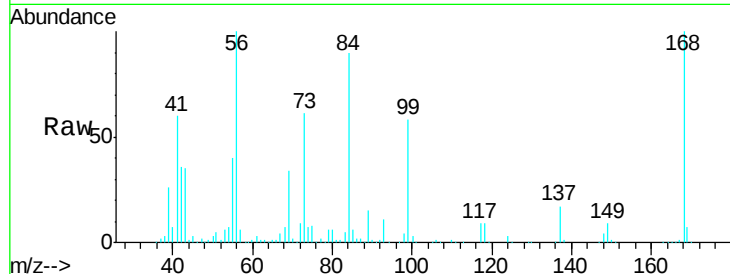




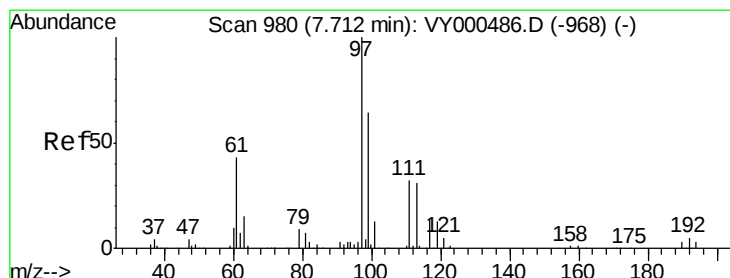
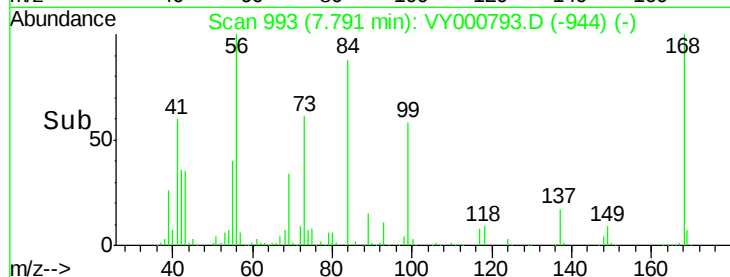
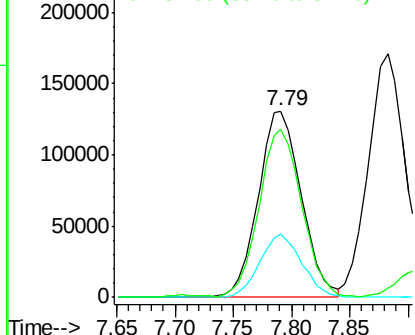
#31
Cyclohexane
Concen: 50.940 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 335772
Ion Ratio Lower Upper
56 100
69 34.1 25.0 37.6
84 88.9 71.4 107.2

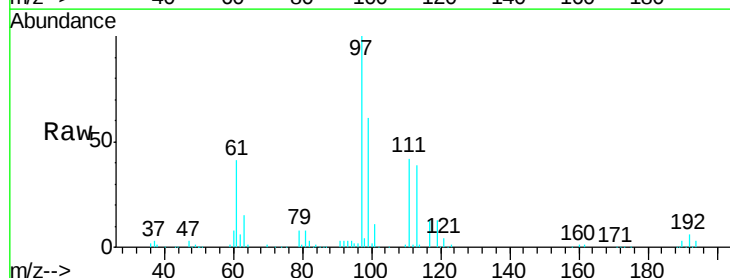


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

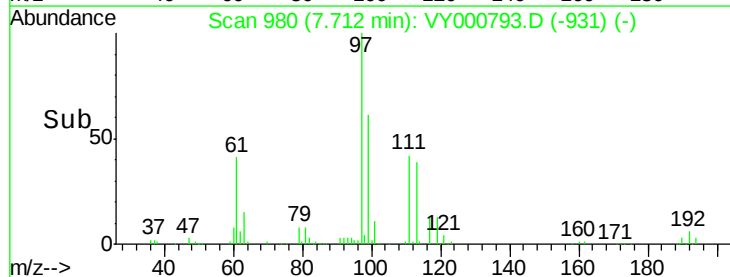
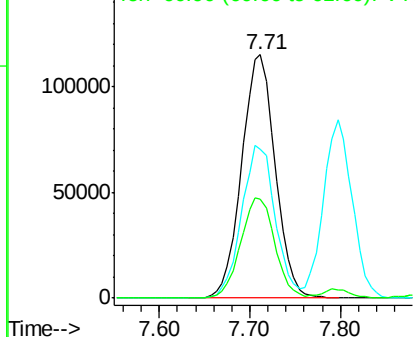


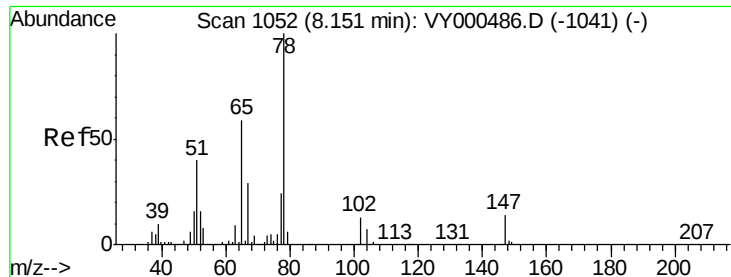
#32
1,1,1-Trichloroethane
Concen: 51.959 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion: 97 Resp: 294811
Ion Ratio Lower Upper
97 100
99 62.7 50.9 76.3
61 41.9 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: 50.677 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

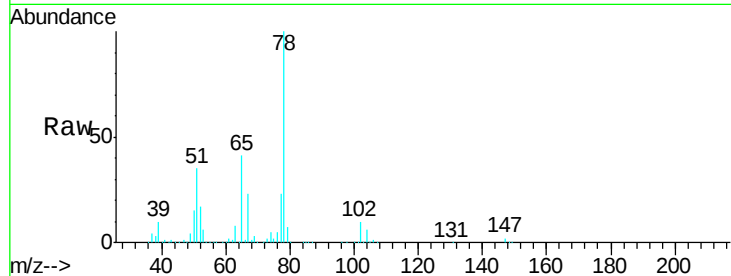
VSTDCCC050

Tgt Ion: 65 Resp: 172568

Ion Ratio Lower Upper

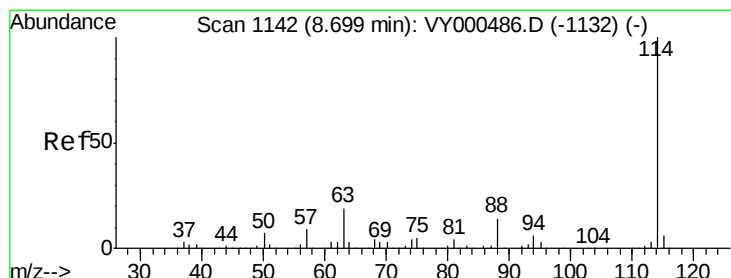
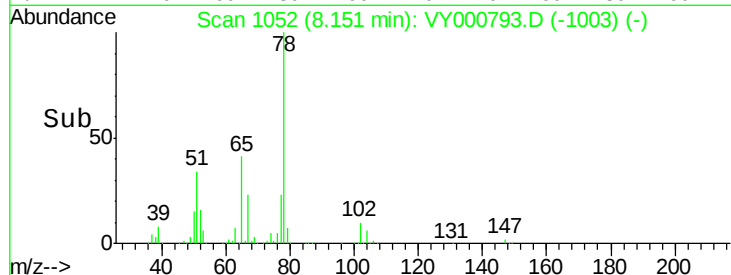
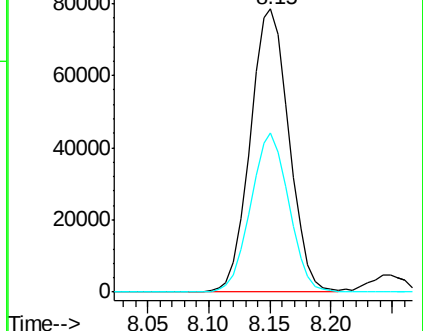
65 100

67 55.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

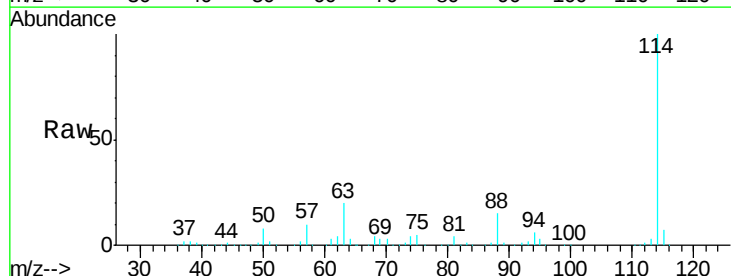
Tgt Ion: 114 Resp: 565716

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

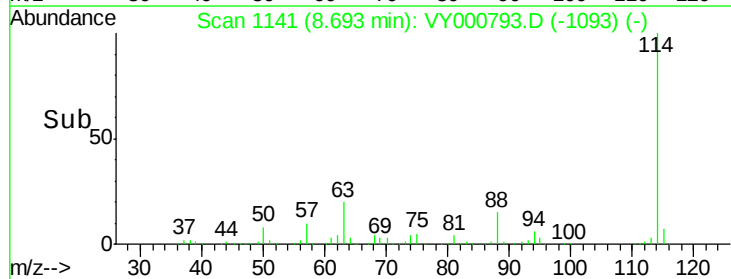
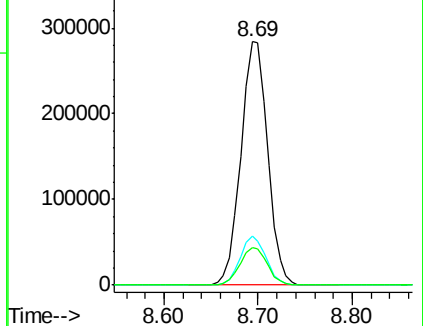
88 15.3 0.0 28.6

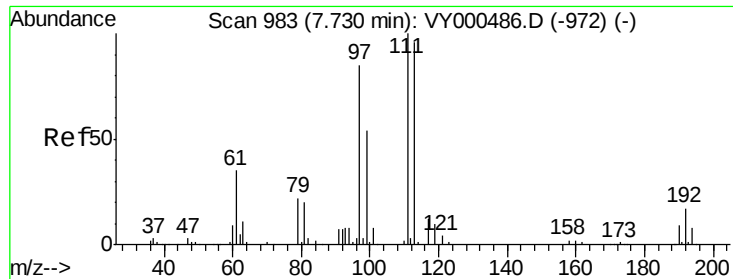


Abundance Ion 113.90 (113.60 to 114.60): VY000486.D (-1132) (-)

Ion 63.00 (62.70 to 63.70): VY000486.D (-1132) (-)

Ion 87.90 (87.60 to 88.60): VY000486.D (-1132) (-)

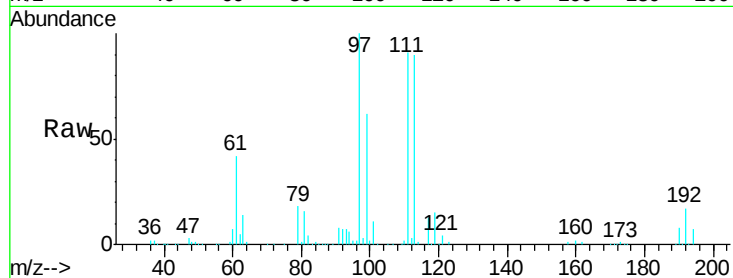




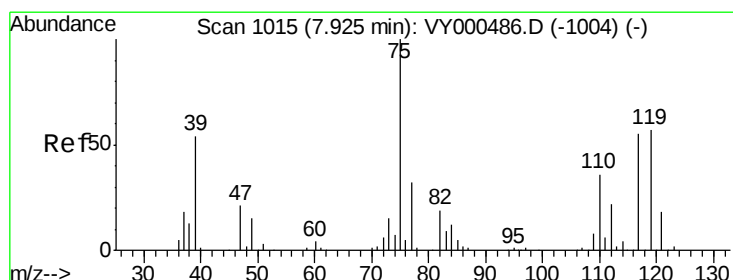
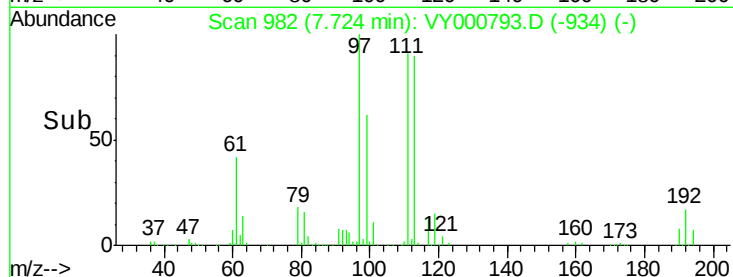
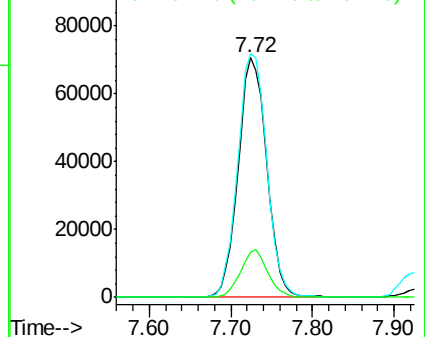
#35
 Dibromofluoromethane
 Concen: 51.331 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:113 Resp: 170478
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.7 122.5
 192 18.7 15.0 22.4

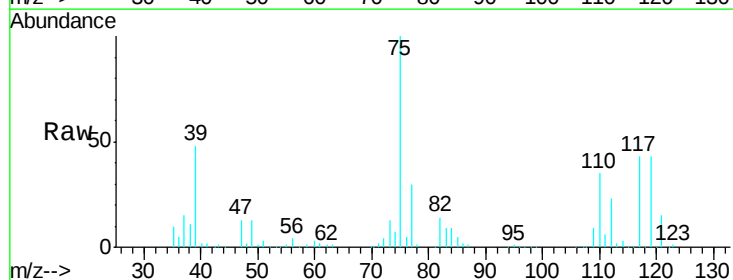


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

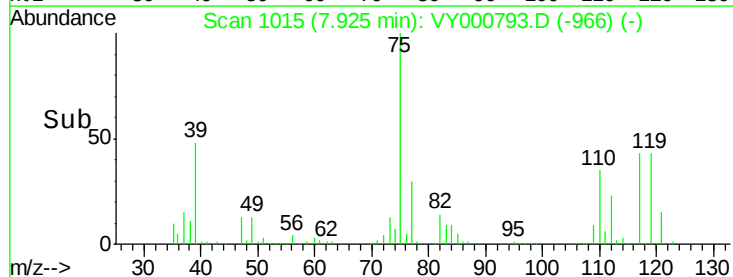
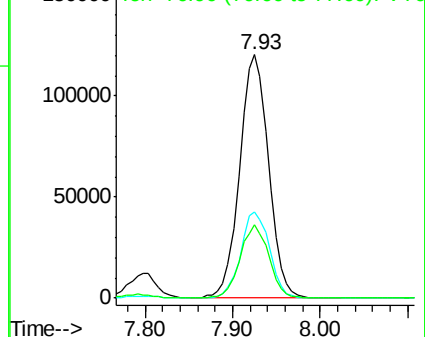


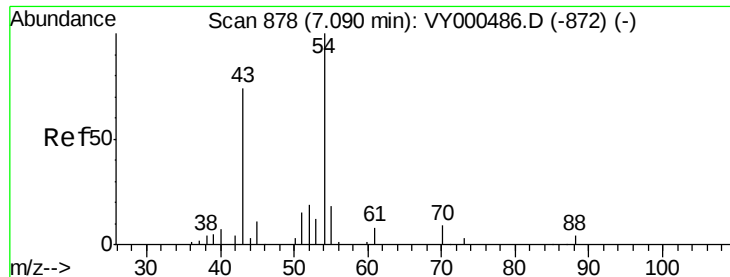
#36
 1,1-Dichloropropene
 Concen: 51.759 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion: 75 Resp: 276810
 Ion Ratio Lower Upper
 75 100
 110 35.1 18.1 54.1
 77 30.0 25.0 37.6



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

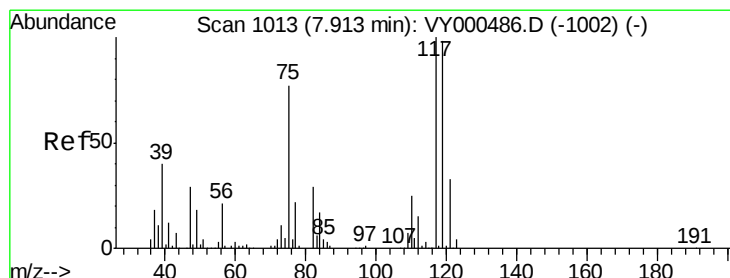
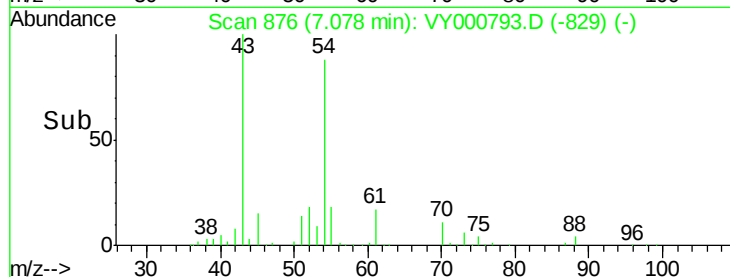
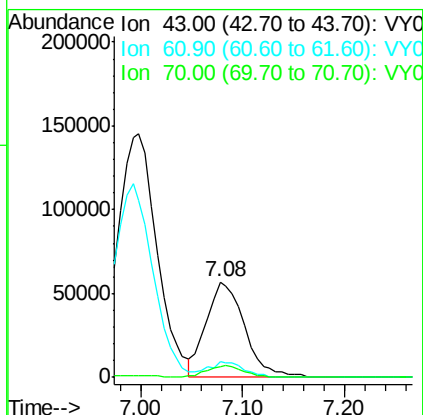
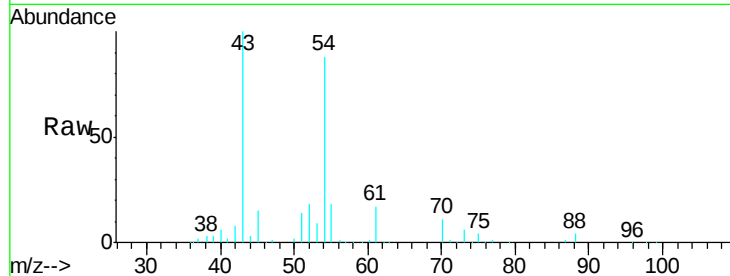




#37
 Ethyl Acetate
 Concen: 46.817 ug/l
 RT: 7.08 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

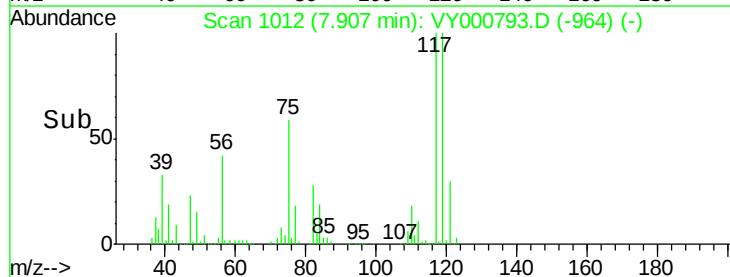
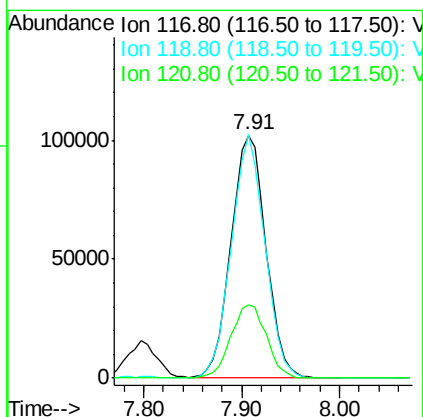
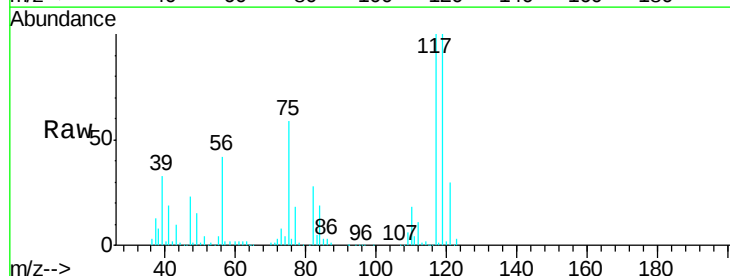
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

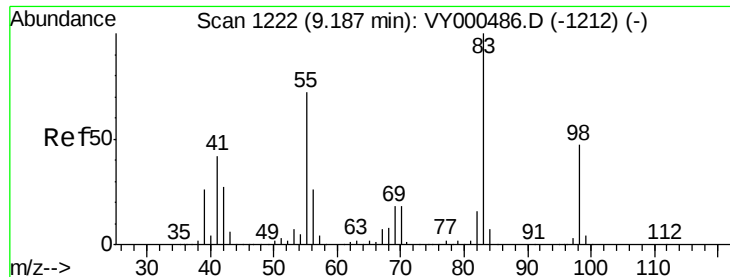
Tgt Ion: 43 Resp: 148650
 Ion Ratio Lower Upper
 43 100
 61 15.7 10.2 15.2#
 70 12.0 7.8 11.8#



#38
 Carbon Tetrachloride
 Concen: 49.274 ug/l
 RT: 7.91 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion: 117 Resp: 253564
 Ion Ratio Lower Upper
 117 100
 119 100.3 78.0 117.0
 121 30.0 26.6 40.0

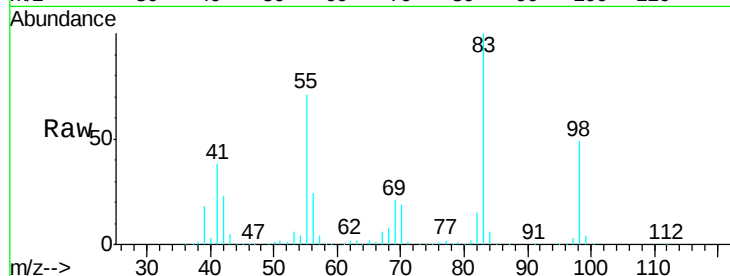




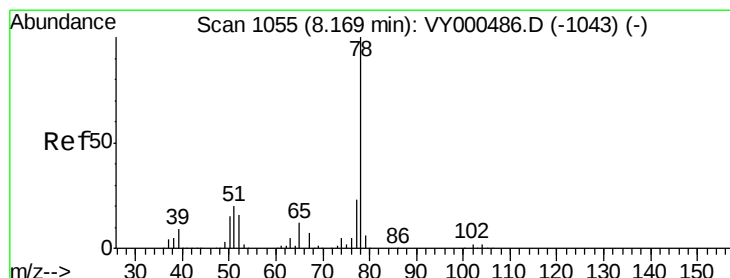
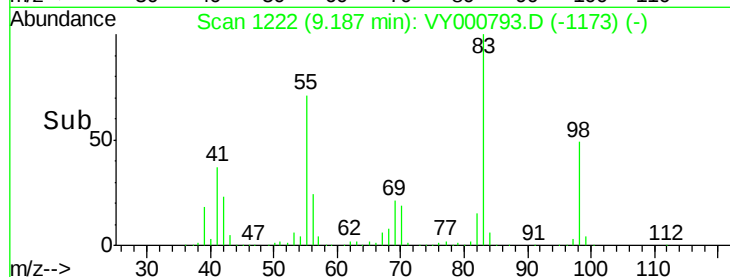
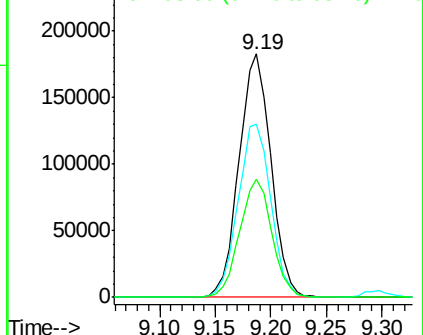
#39
Methylcyclohexane
Concen: 52.787 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 364719
Ion Ratio Lower Upper
83 100
55 71.2 57.5 86.3
98 48.6 38.0 57.0

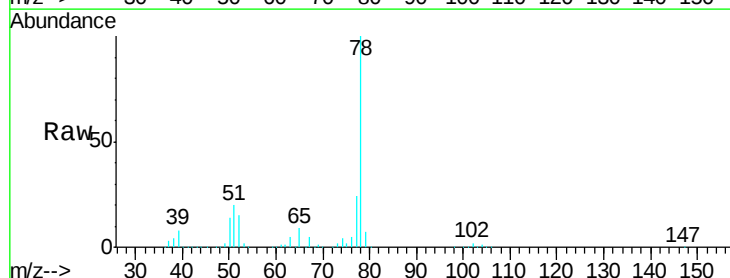


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

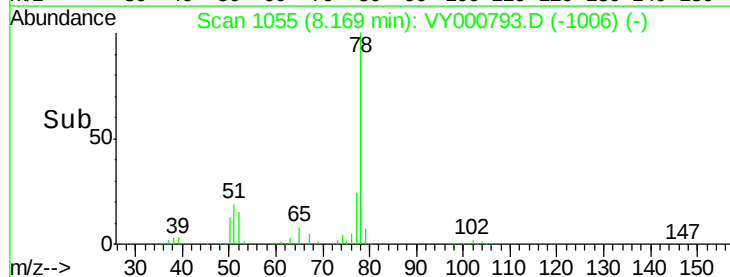
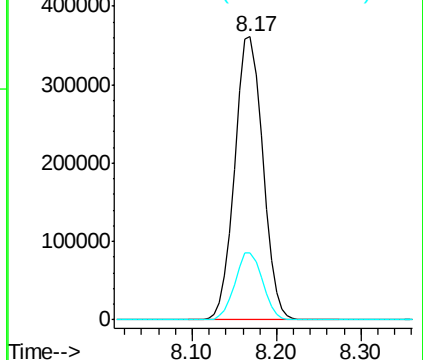


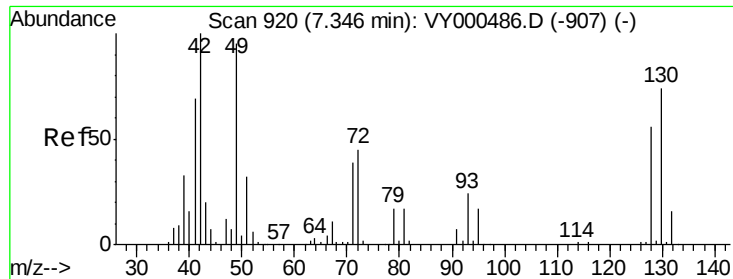
#40
Benzene
Concen: 51.930 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion: 78 Resp: 814214
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0



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

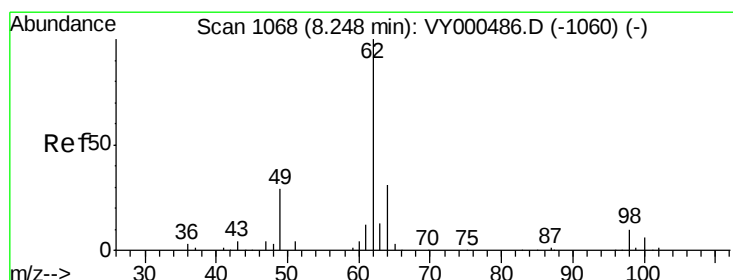
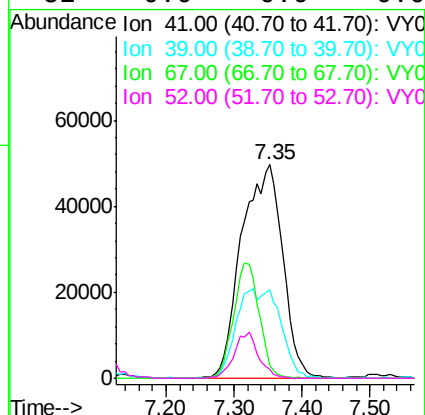
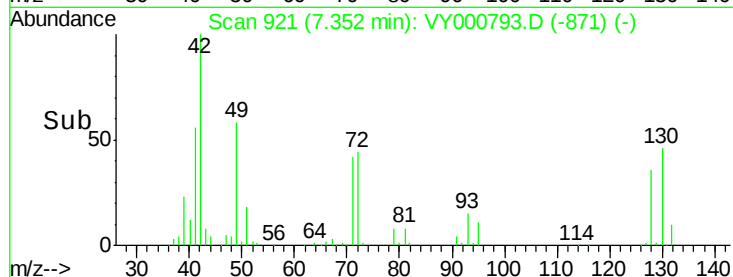
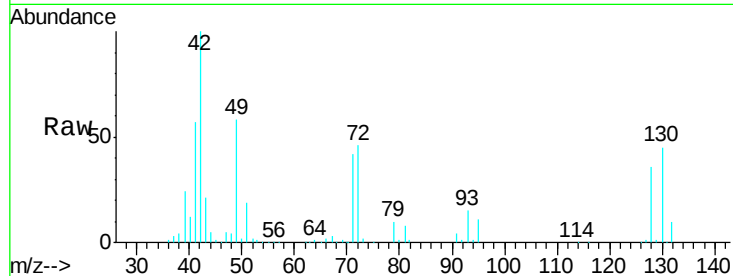




#41
Methacrylonitrile
Concen: 118.111 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

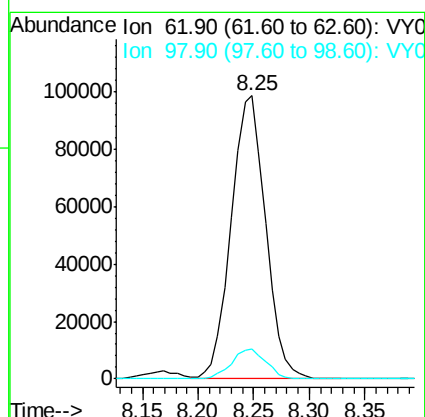
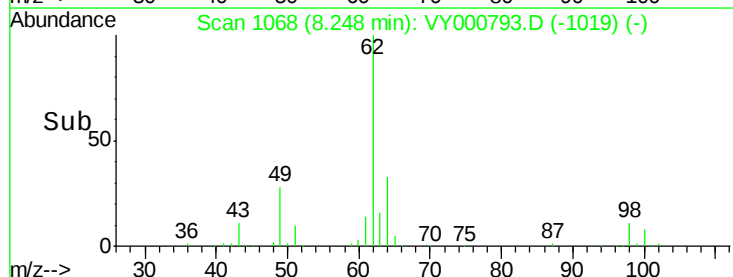
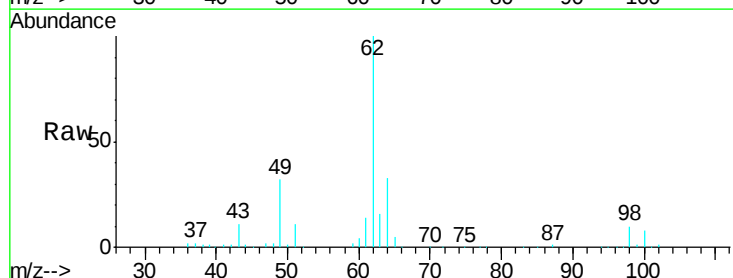
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

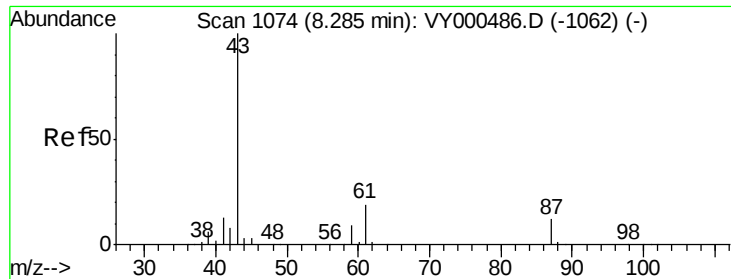
Tgt Ion: 41 Resp: 209207
Ion Ratio Lower Upper
41 100
39 0.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 47.549 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion: 62 Resp: 211451
Ion Ratio Lower Upper
62 100
98 10.6 0.0 19.2





#43

Isopropyl Acetate

Concen: 50.330 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

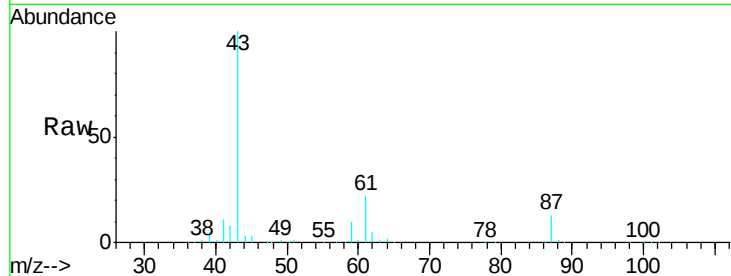
Tgt Ion: 43 Resp: 300195

Ion Ratio Lower Upper

43 100

61 30.4 23.0 34.4

87 14.2 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000486.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000486.D (-1062) (-)

8.28

150000

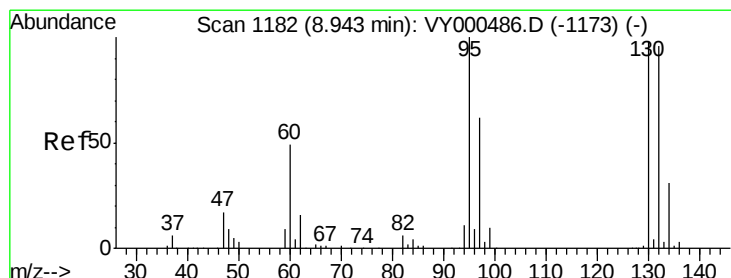
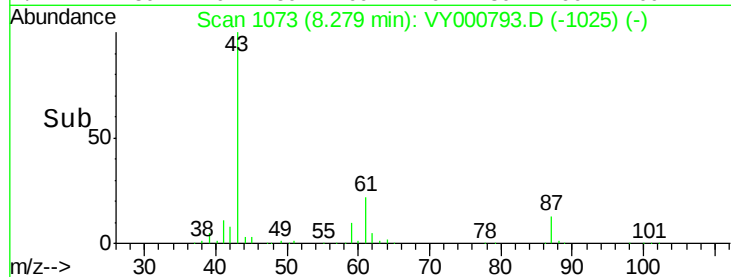
100000

50000

0

8.20 8.30 8.40

Time-->



#44

Trichloroethene

Concen: 51.604 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY000793.D

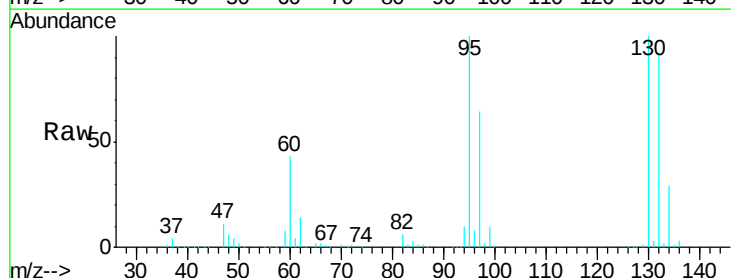
Acq: 26 Nov 2019 10:45

Tgt Ion: 130 Resp: 213332

Ion Ratio Lower Upper

130 100

95 100.2 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000486.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000486.D (-1173) (-)

8.94

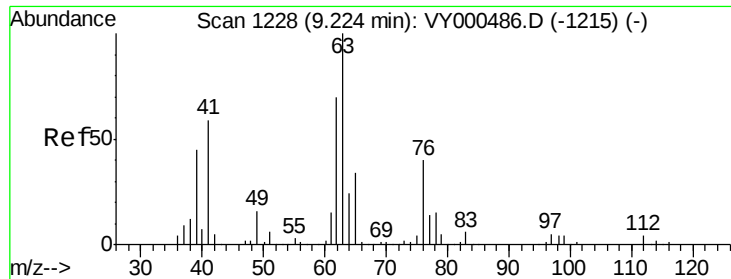
120000

100000

80000

60000

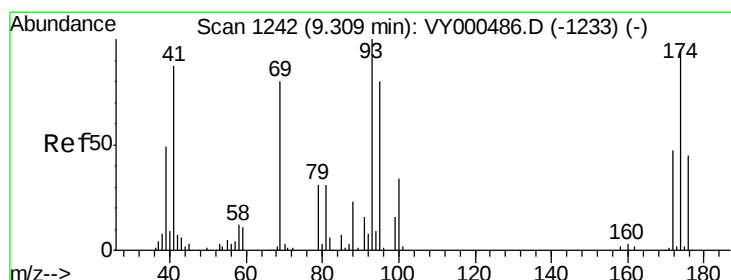
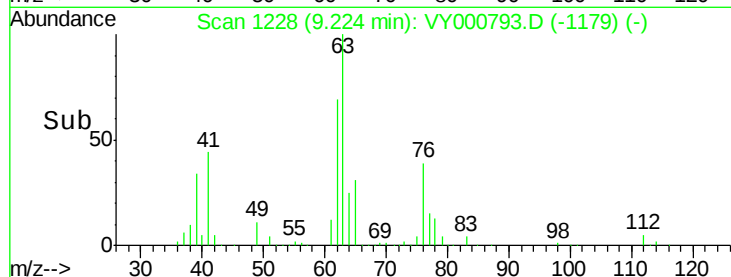
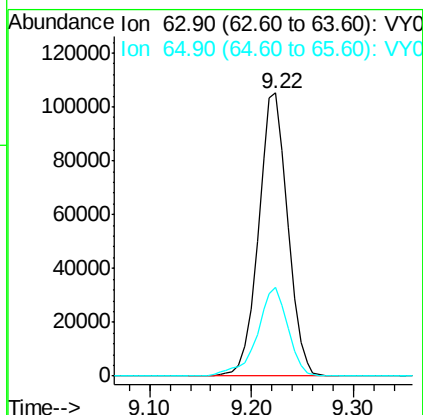
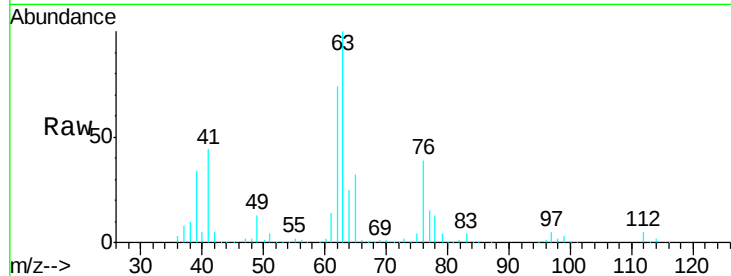
40000



#45
 1,2-Dichloropropane
 Concen: 54.216 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

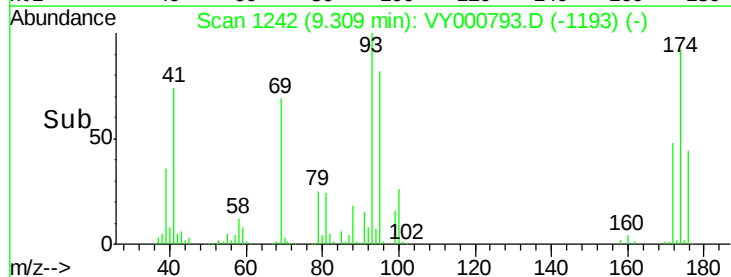
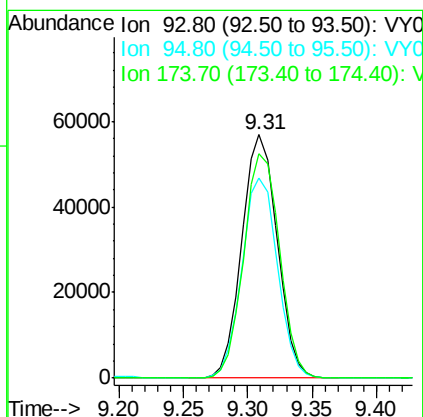
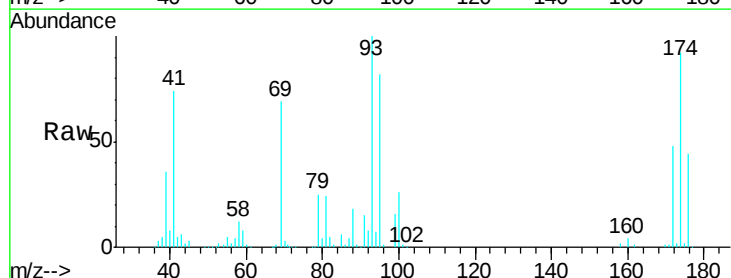
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

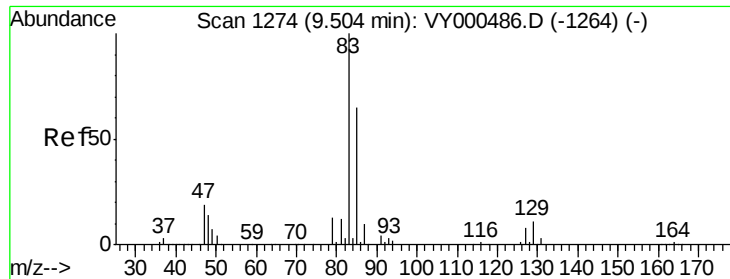
Tgt Ion: 63 Resp: 209216
 Ion Ratio Lower Upper
 63 100
 65 31.5 27.0 40.4



#46
 Dibromomethane
 Concen: 51.086 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion: 93 Resp: 108417
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.4 99.6
 174 93.5 77.1 115.7





#47

Bromodichloromethane

Concen: 51.628 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

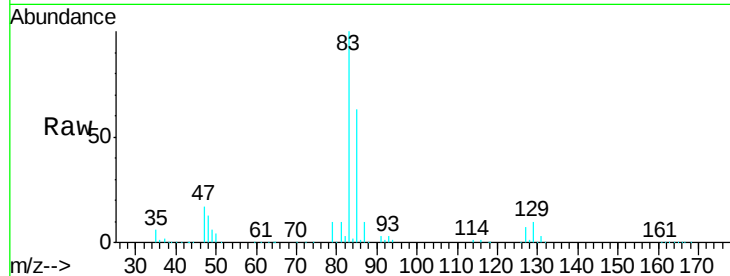
Tgt Ion: 83 Resp: 259982

Ion Ratio Lower Upper

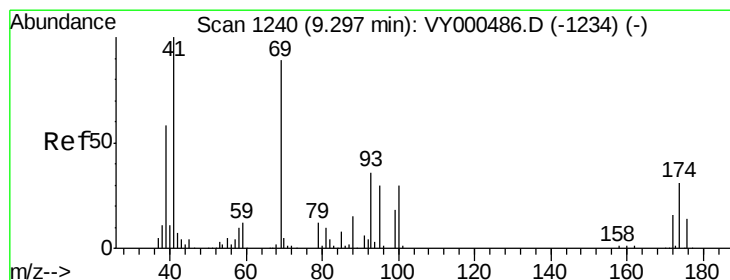
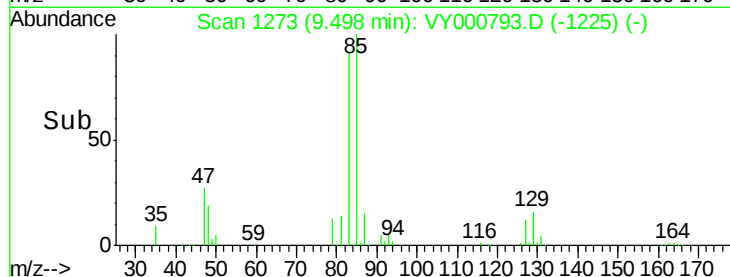
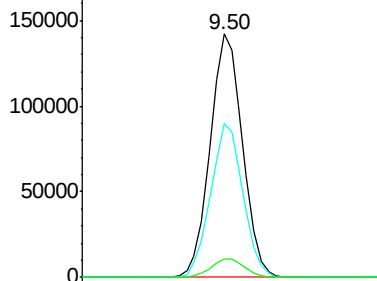
83 100

85 63.0 51.8 77.8

127 7.5 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: 49.952 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

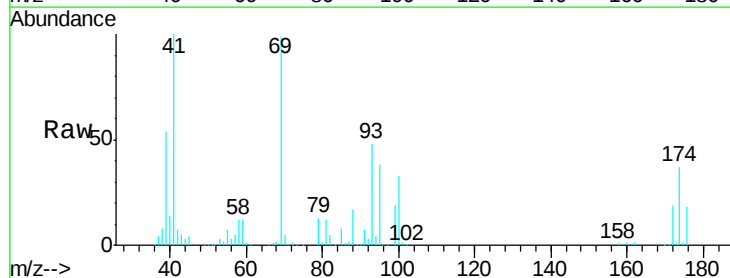
Tgt Ion: 41 Resp: 130177

Ion Ratio Lower Upper

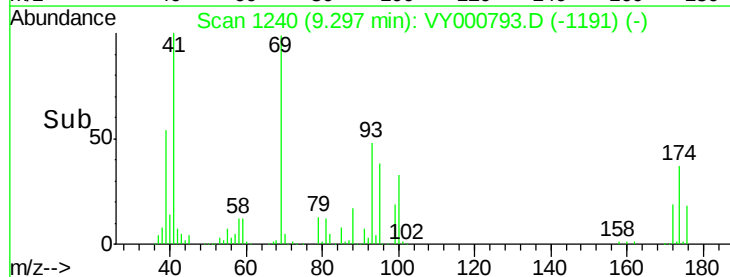
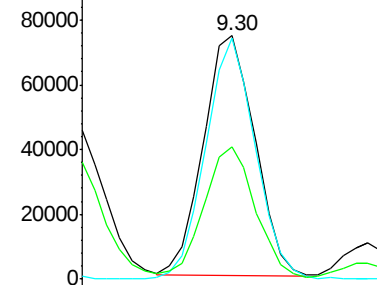
41 100

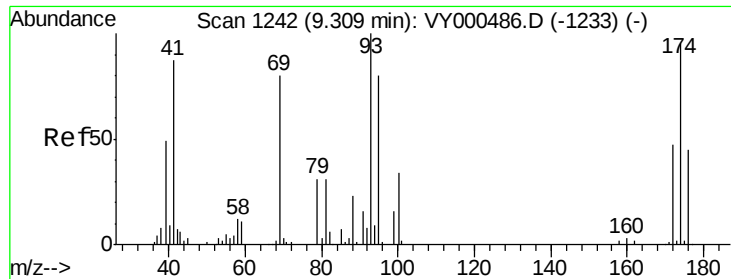
69 96.8 72.5 108.7

39 55.2 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

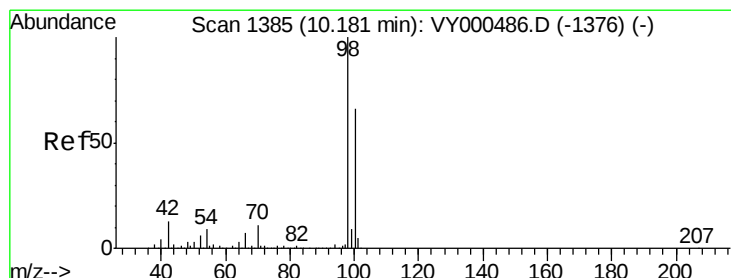
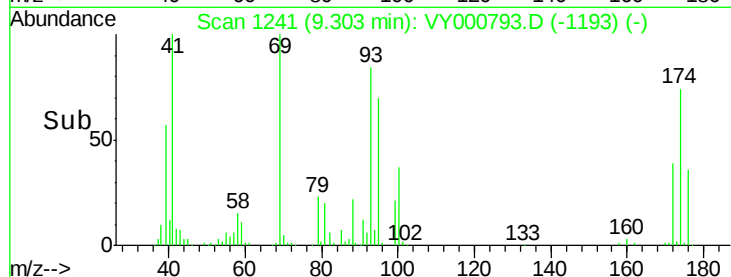
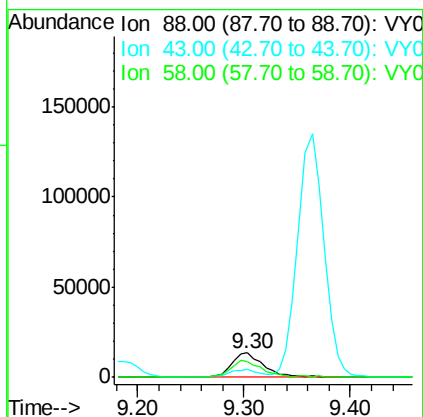
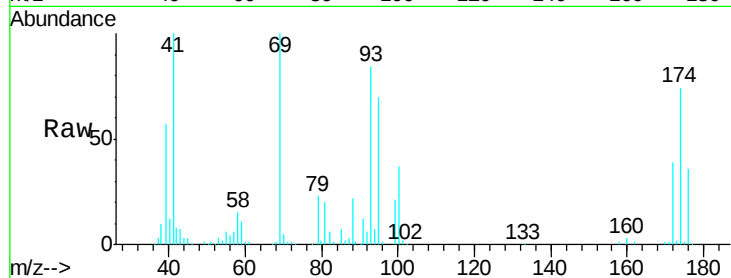




#49
 1,4-Dioxane
 Concen: 1021.411 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

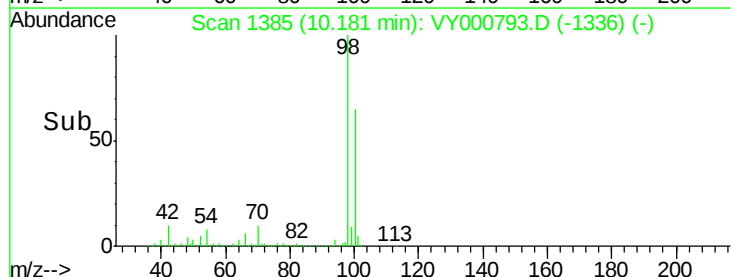
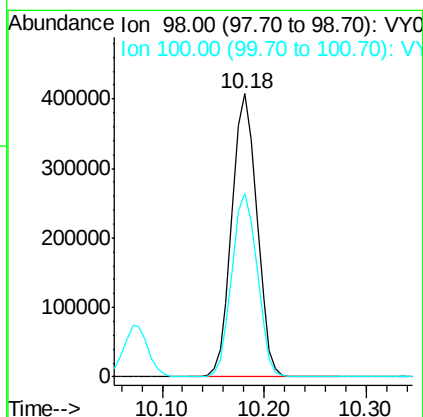
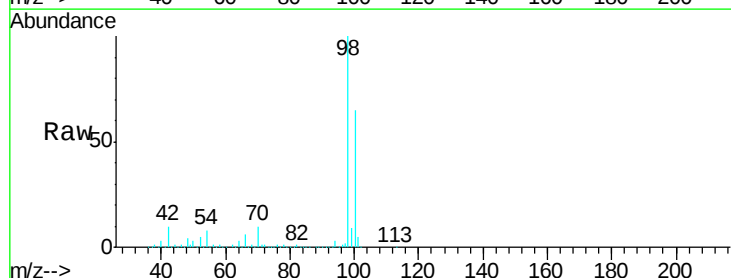
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

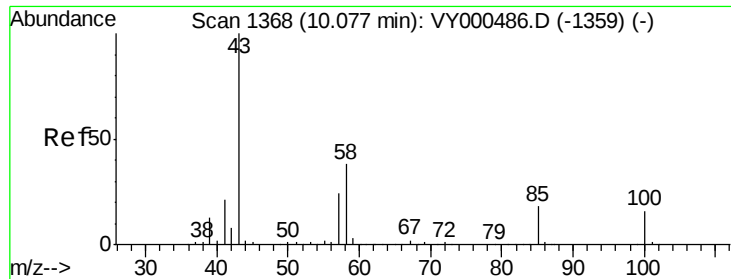
Tgt Ion: 88 Resp: 29174
 Ion Ratio Lower Upper
 88 100
 43 29.7 25.1 37.7
 58 67.1 50.6 75.8



#50
 Toluene-d8
 Concen: 54.902 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion: 98 Resp: 691868
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 248.416 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

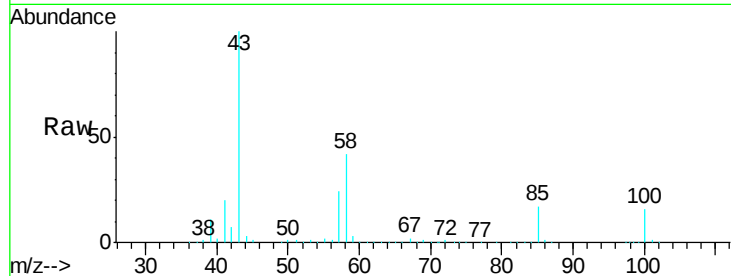
VSTDCCC050

Tgt Ion: 43 Resp: 787769

Ion Ratio Lower Upper

43 100

58 41.5 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

400000

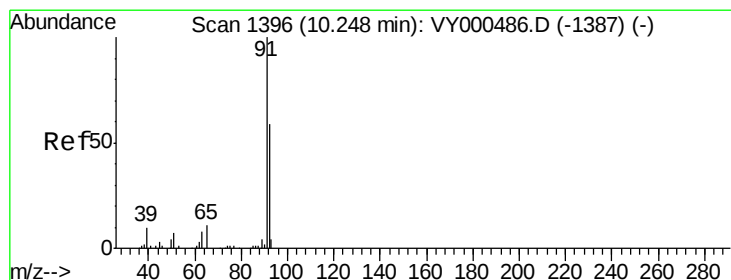
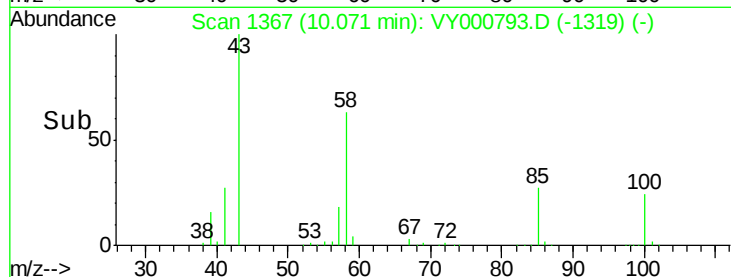
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.813 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000793.D

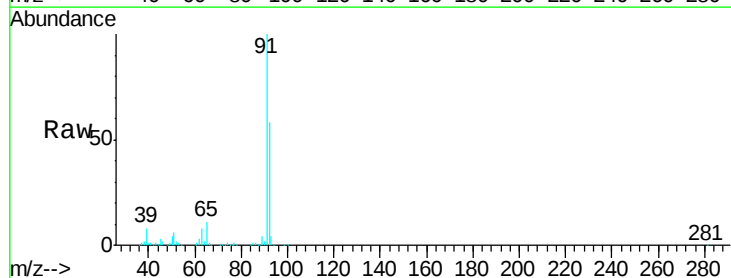
Acq: 26 Nov 2019 10:45

Tgt Ion: 92 Resp: 503705

Ion Ratio Lower Upper

92 100

91 173.6 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

600000

500000

400000

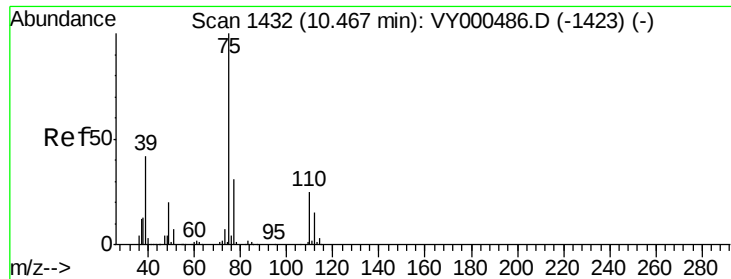
300000

200000

100000

0

Time-->



#53

t-1,3-Dichloropropene

Concen: 52.764 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

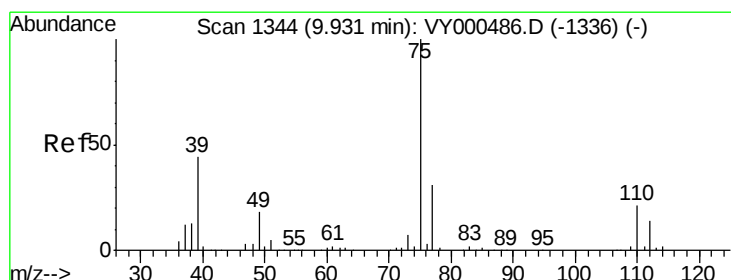
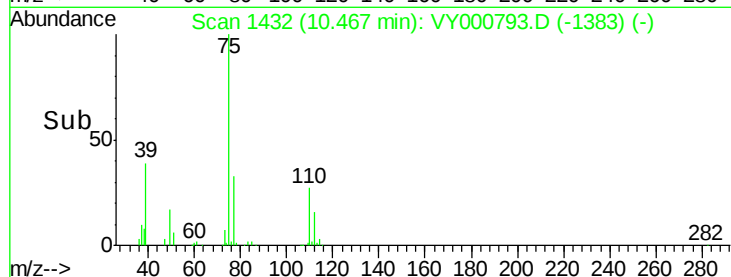
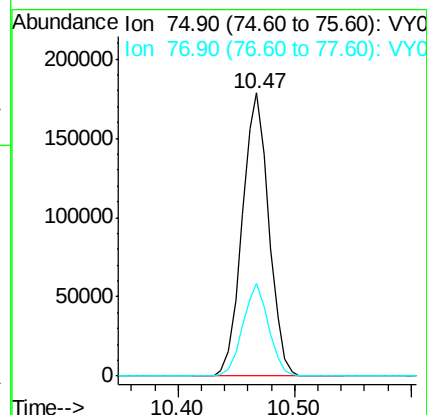
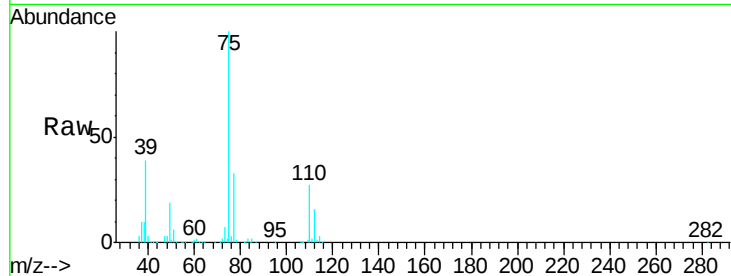
VSTDCCC050

Tgt Ion: 75 Resp: 283906

Ion Ratio Lower Upper

75 100

77 32.6 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 54.457 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

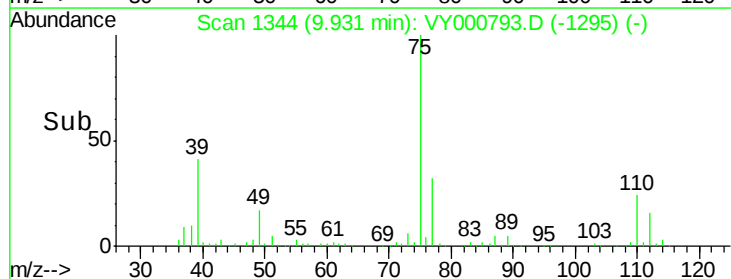
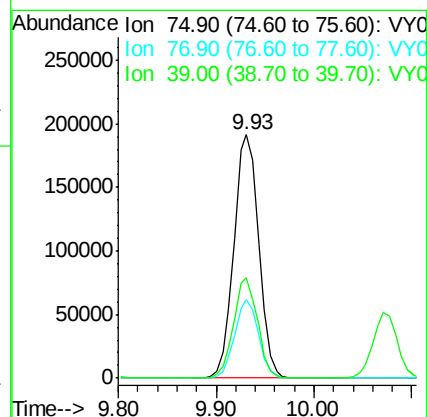
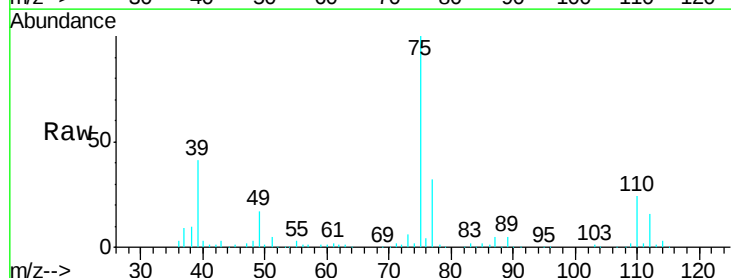
Tgt Ion: 75 Resp: 335674

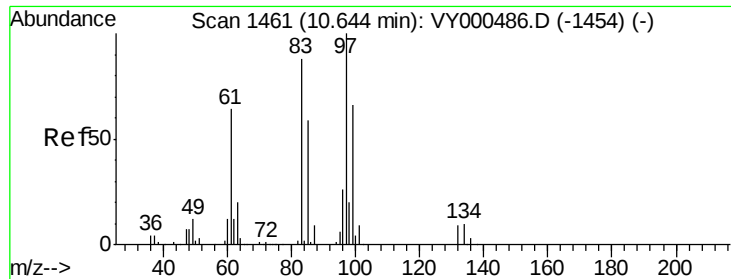
Ion Ratio Lower Upper

75 100

77 32.3 24.5 36.7

39 41.1 35.4 53.2

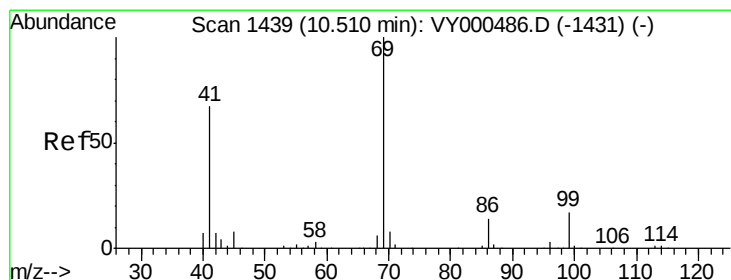
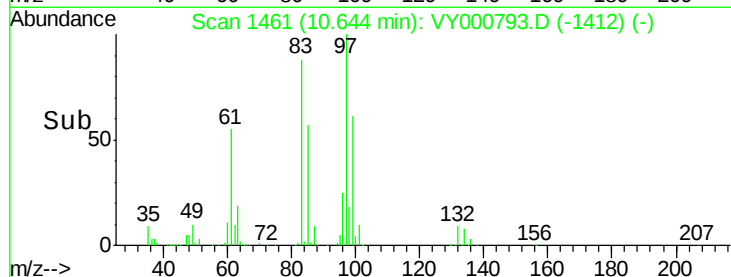
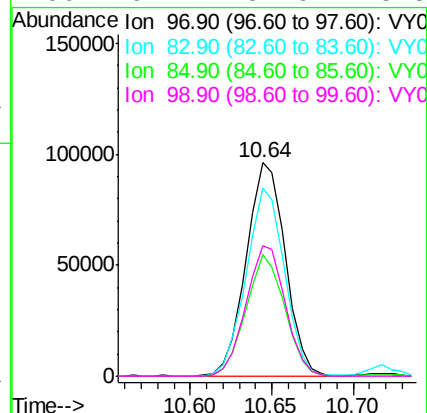
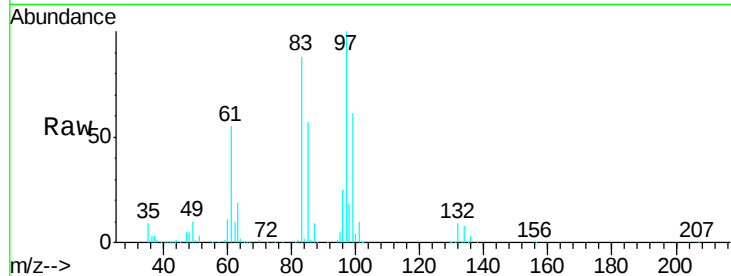




#55
 1,1,2-Trichloroethane
 Concen: 52.419 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

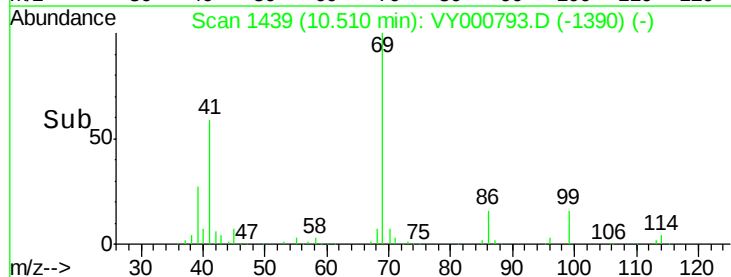
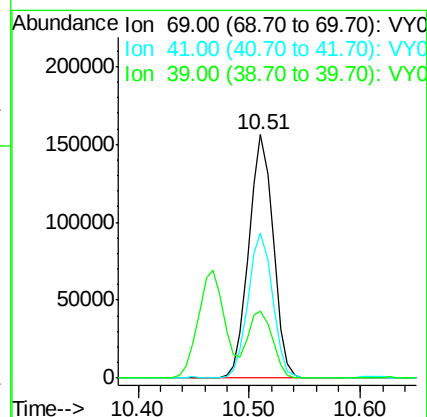
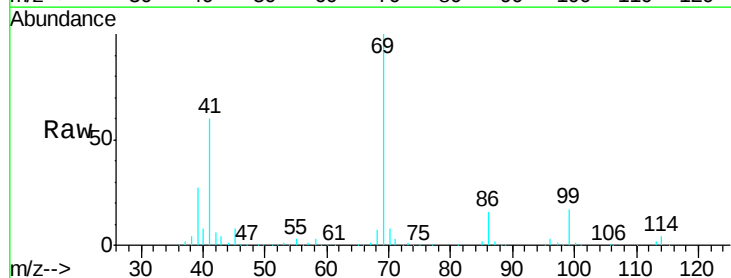
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDCCC050

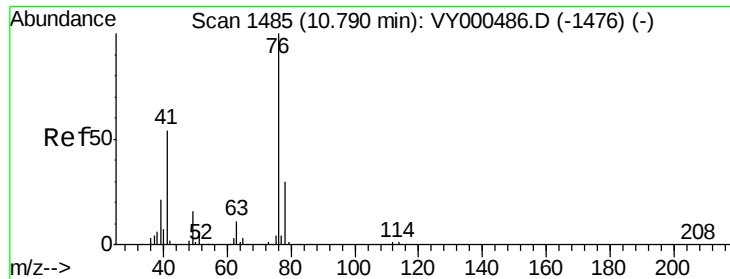
Tgt Ion: 97 Resp: 160905
 Ion Ratio Lower Upper
 97 100
 83 88.4 70.2 105.4
 85 56.9 46.9 70.3
 99 61.1 52.6 78.8



#56
 Ethyl methacrylate
 Concen: 54.863 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion: 69 Resp: 238690
 Ion Ratio Lower Upper
 69 100
 41 59.5 53.3 79.9
 39 27.1 28.0 42.0#





#57

1,3-Dichloropropane

Concen: 52.666 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

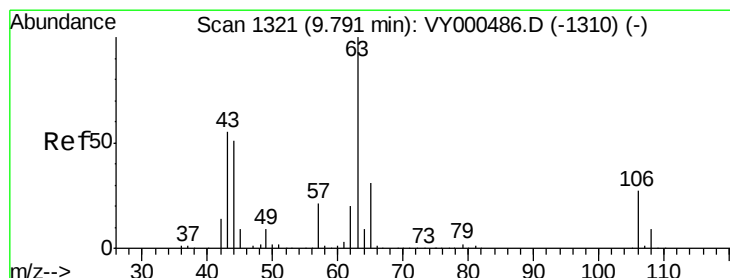
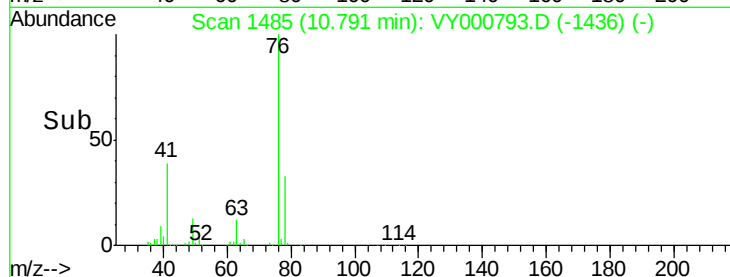
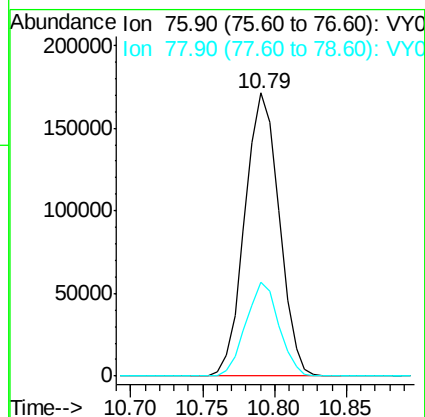
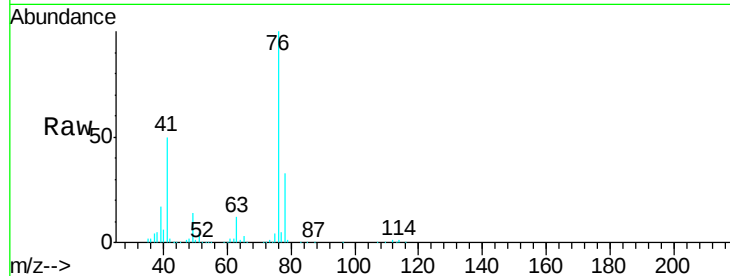
VSTDCCC050

Tgt Ion: 76 Resp: 282945

Ion Ratio Lower Upper

76 100

78 32.0 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 265.586 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000793.D

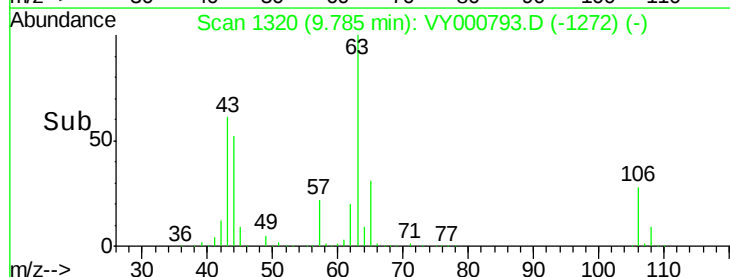
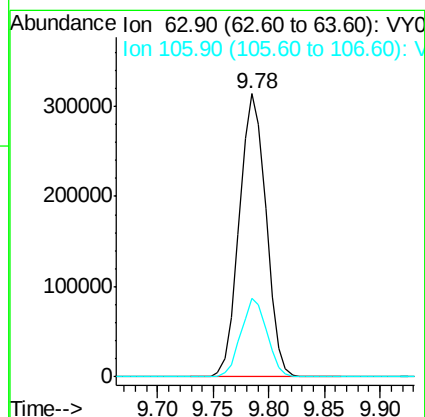
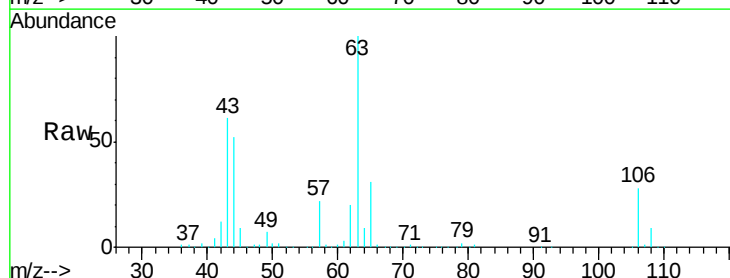
Acq: 26 Nov 2019 10:45

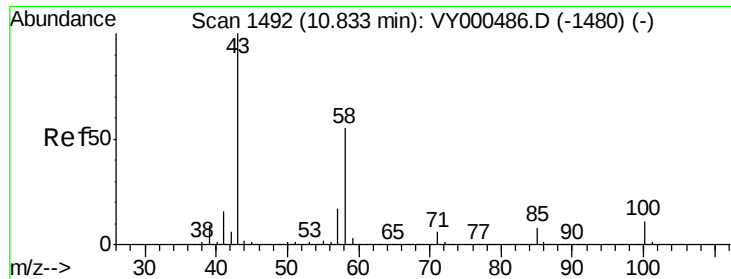
Tgt Ion: 63 Resp: 522375

Ion Ratio Lower Upper

63 100

106 27.0 22.6 33.8

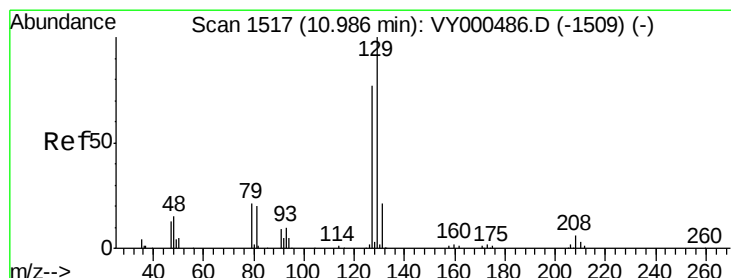
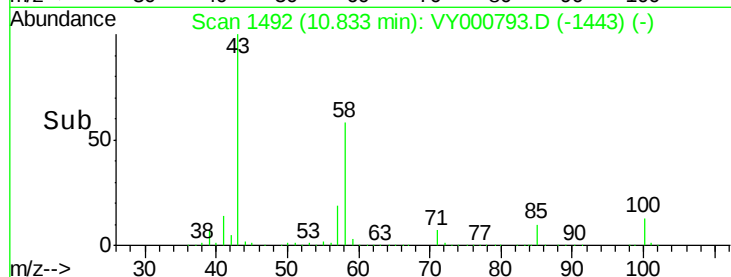
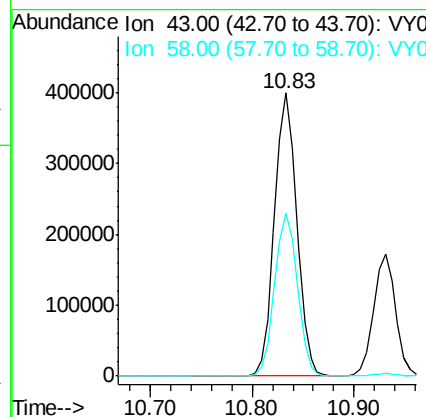
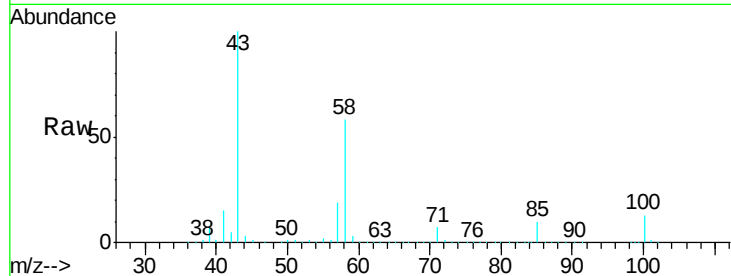




#59
2-Hexanone
Concen: 262.567 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

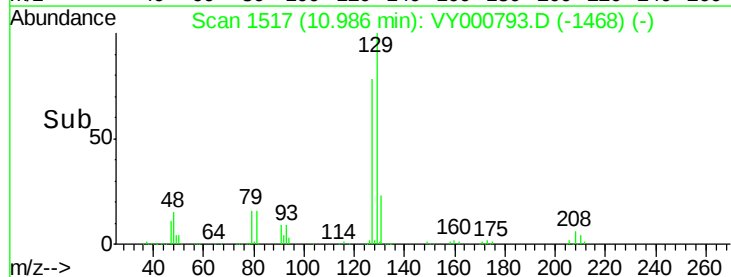
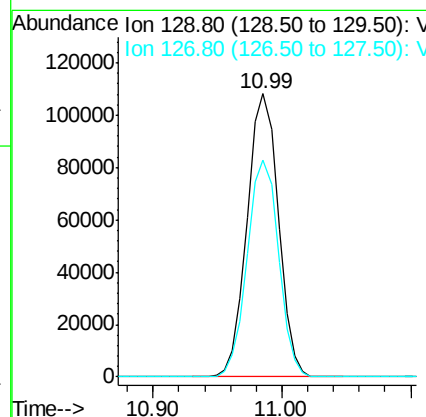
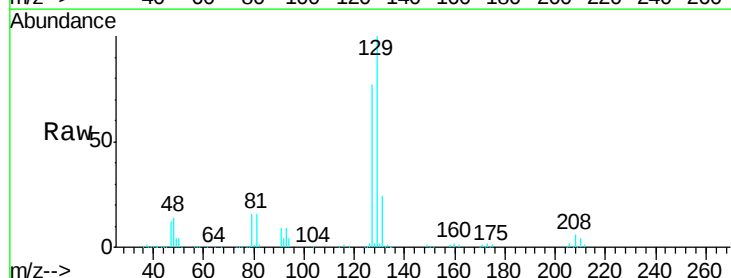
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

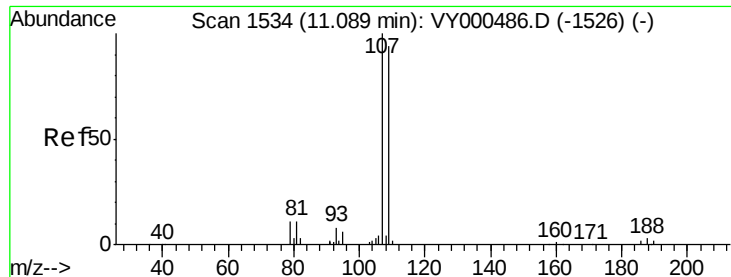
Tgt Ion: 43 Resp: 606661
Ion Ratio Lower Upper
43 100
58 58.6 27.1 81.3



#60
Dibromochloromethane
Concen: 51.628 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion: 129 Resp: 181523
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.130 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

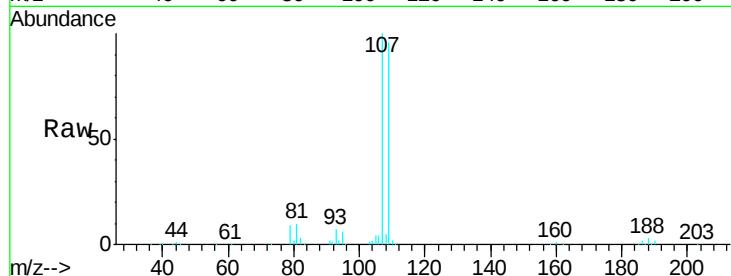
VSTDCCC050

Tgt Ion: 107 Resp: 150904

Ion Ratio Lower Upper

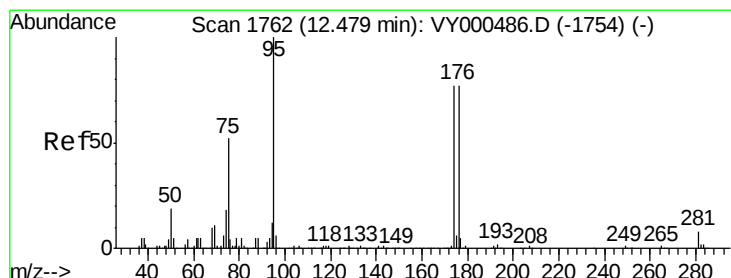
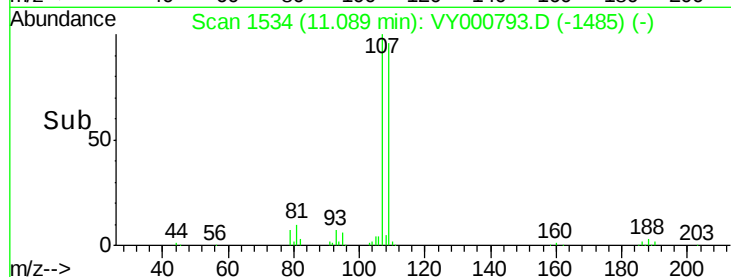
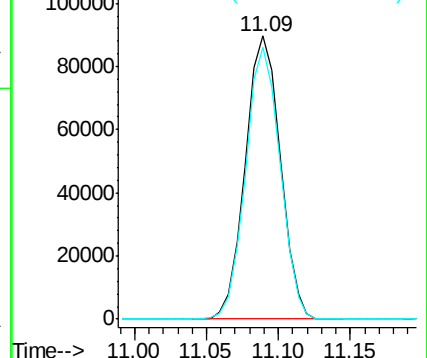
107 100

109 94.9 73.6 110.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.146 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

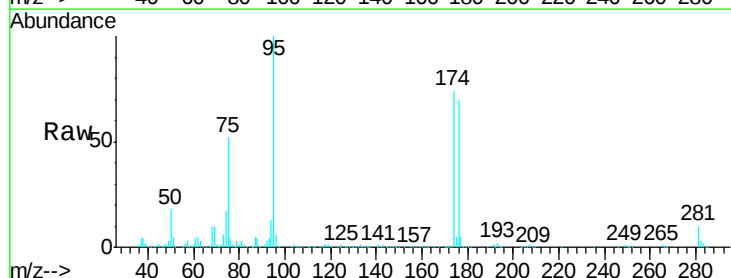
Tgt Ion: 95 Resp: 245369

Ion Ratio Lower Upper

95 100

174 75.1 0.0 161.6

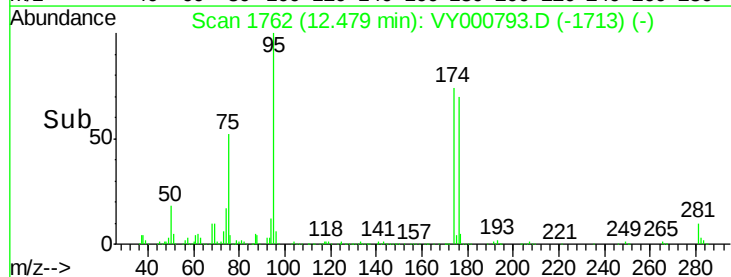
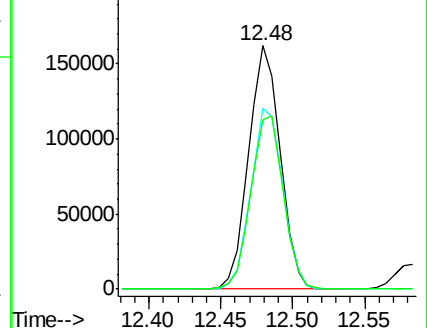
176 73.1 0.0 157.8

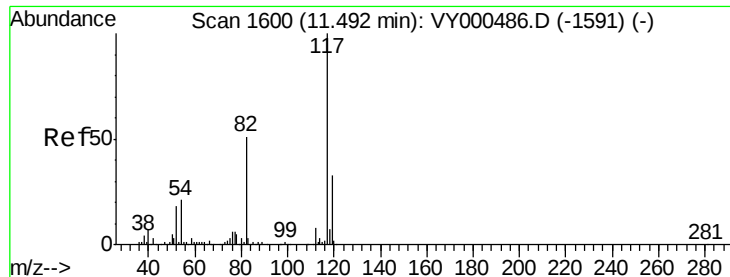


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

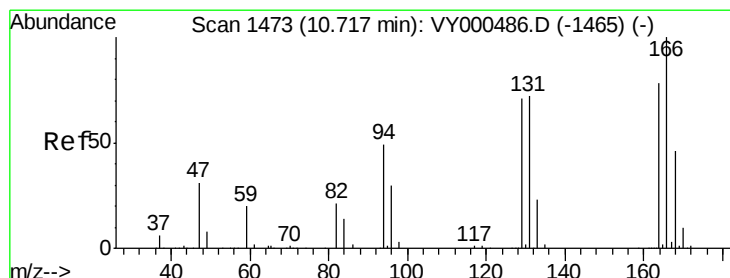
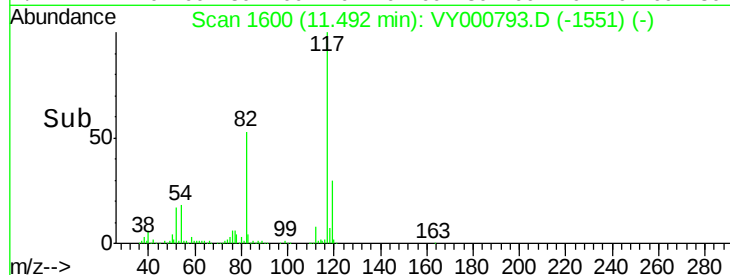
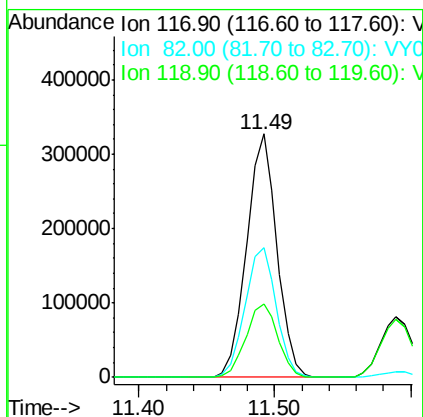
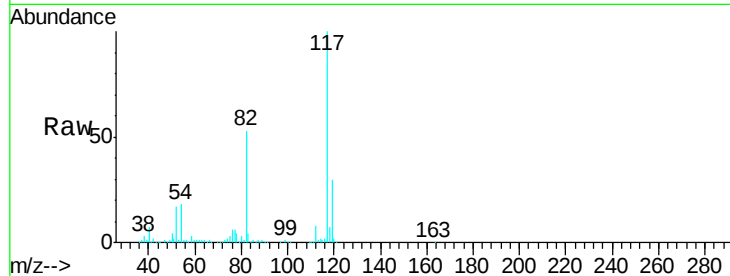




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

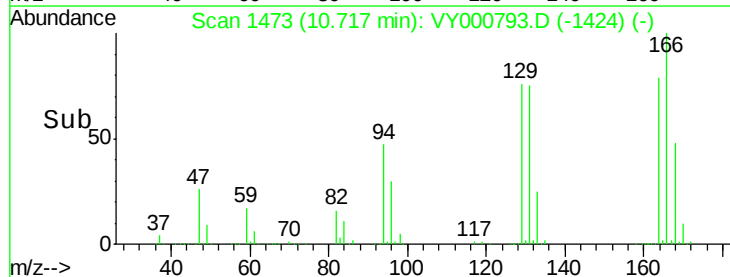
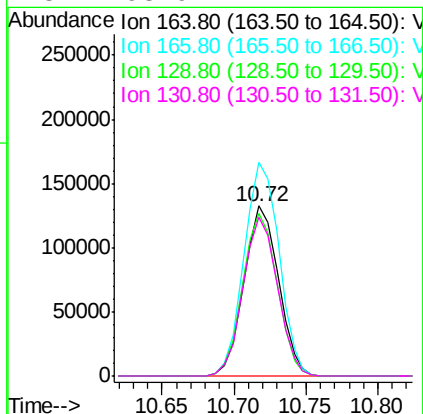
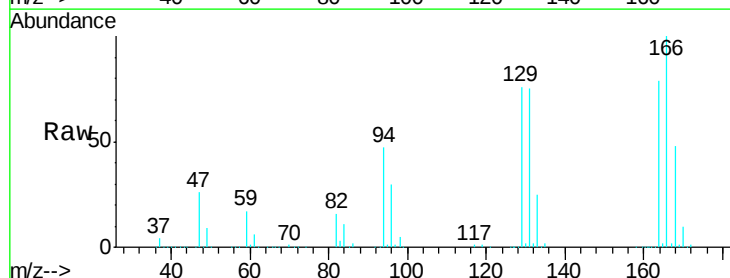
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

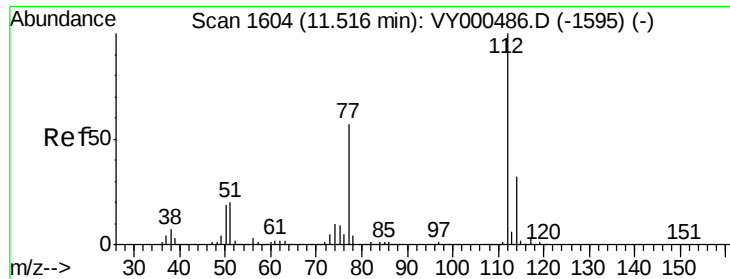
Tgt Ion:117 Resp: 508239
Ion Ratio Lower Upper
117 100
82 53.3 40.8 61.2
119 30.4 26.2 39.2



#64
Tetrachloroethene
Concen: 52.323 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion:164 Resp: 219889
Ion Ratio Lower Upper
164 100
166 125.8 102.7 154.1
129 96.1 73.2 109.8
131 93.9 74.2 111.2

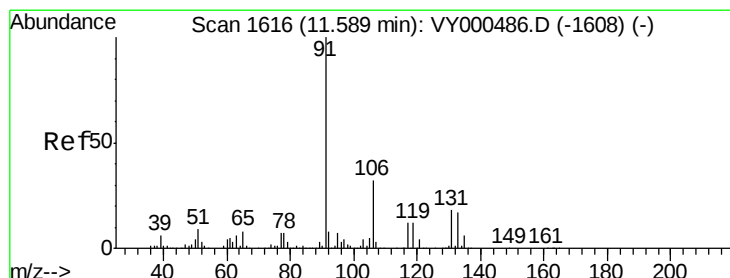
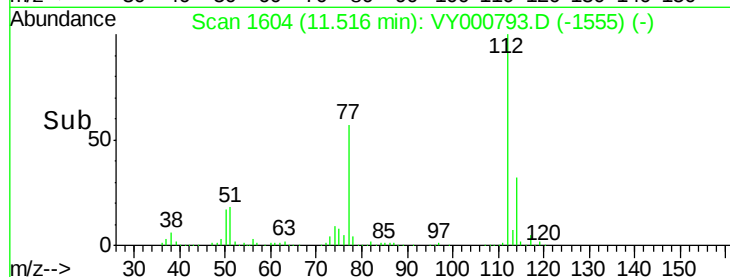
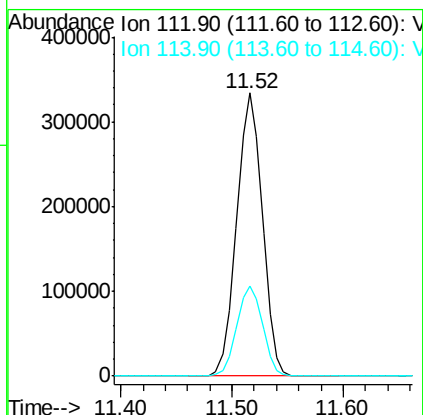
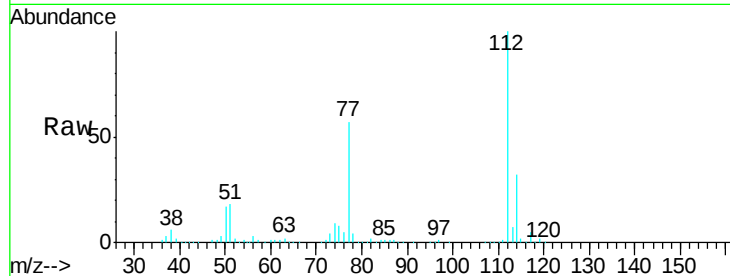




#65
Chlorobenzene
Concen: 51.664 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

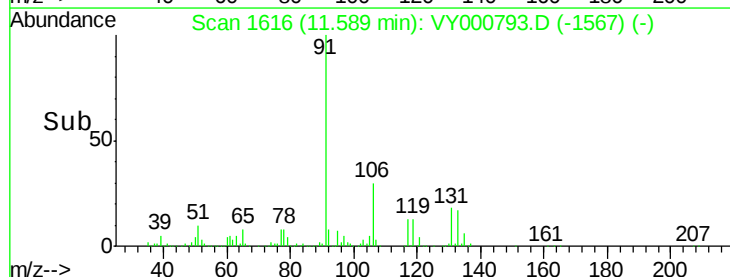
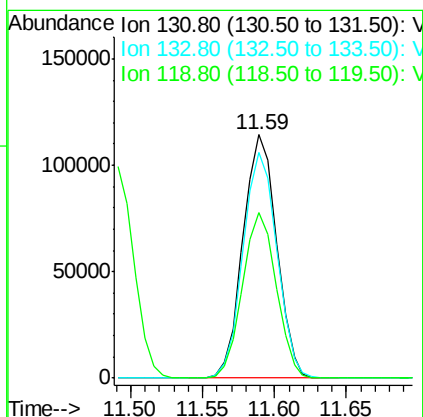
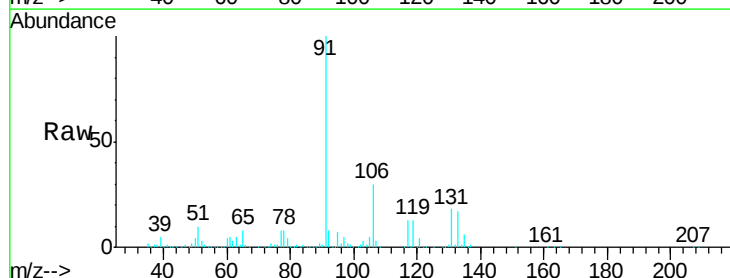
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

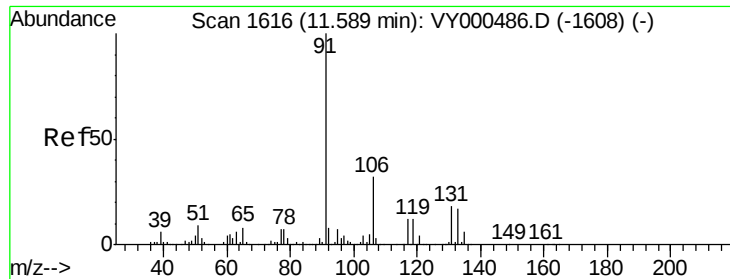
Tgt Ion:112 Resp: 532365
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.765 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion:131 Resp: 184996
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.8
119 68.2 33.1 99.3

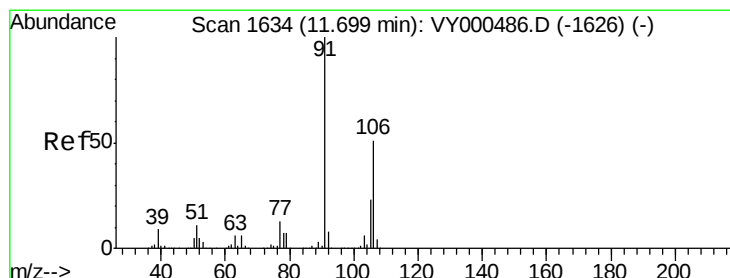
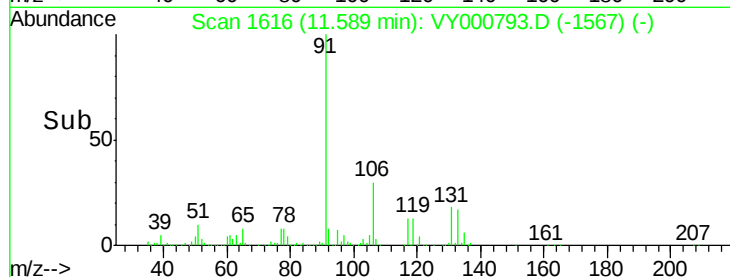
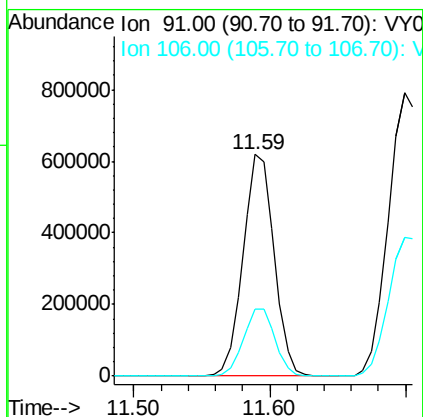
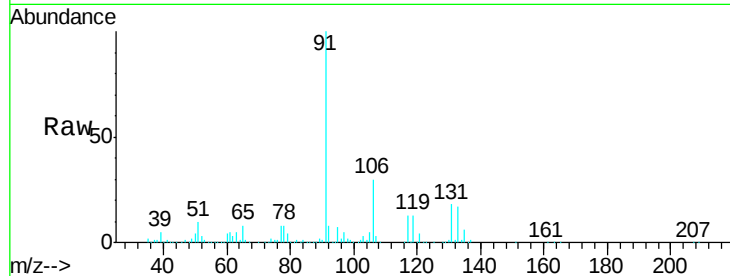




#67
Ethyl Benzene
Concen: 51.873 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

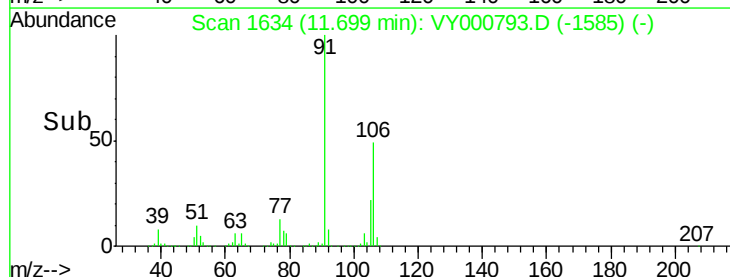
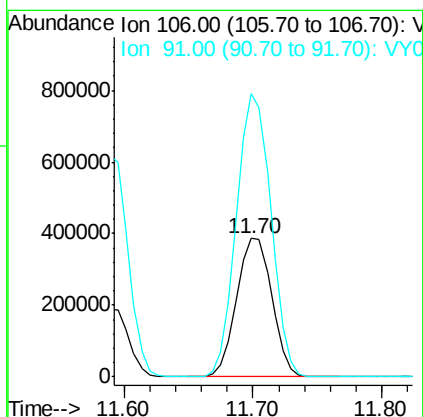
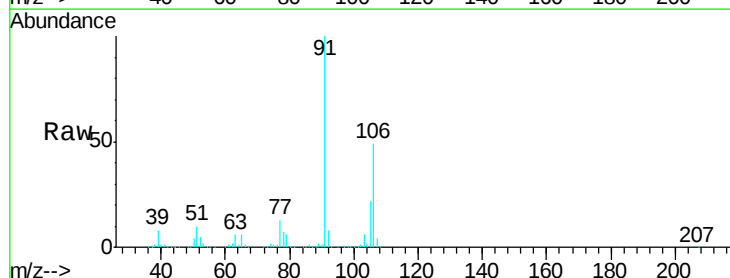
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

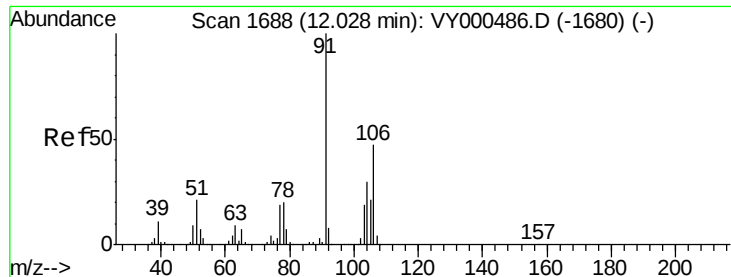
Tgt Ion: 91 Resp: 983758
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.0



#68
m/p-Xylenes
Concen: 100.083 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion: 106 Resp: 734621
Ion Ratio Lower Upper
106 100
91 200.3 155.9 233.9

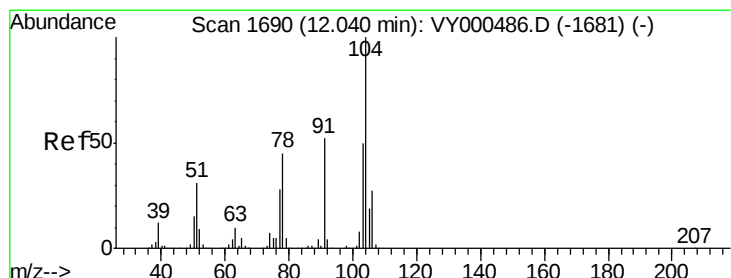
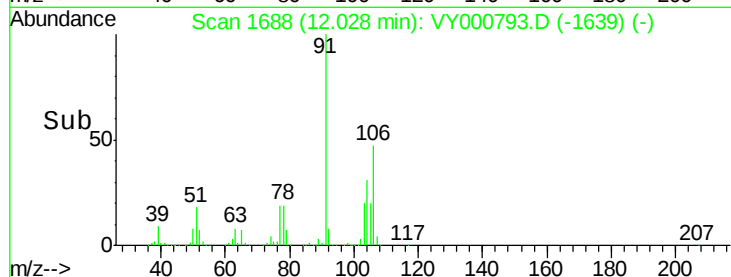
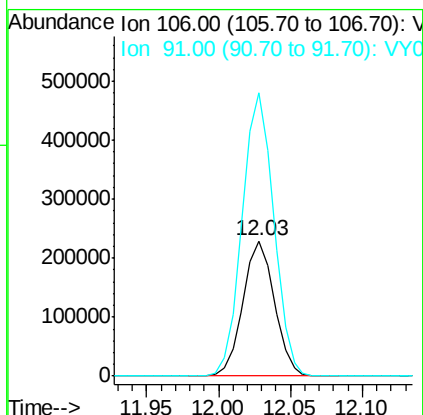
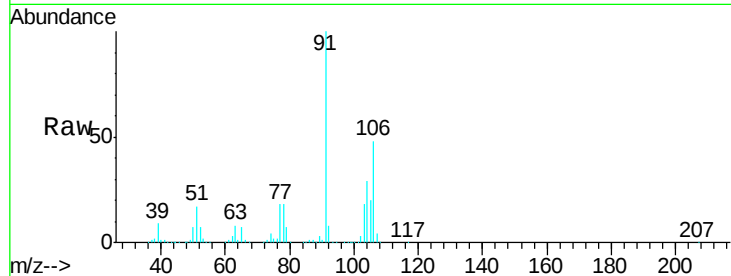




#69
o-Xylene
Concen: 50.168 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

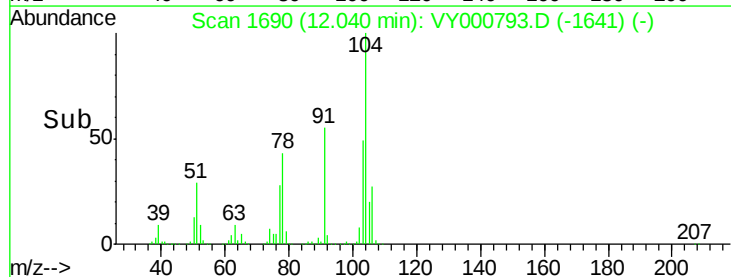
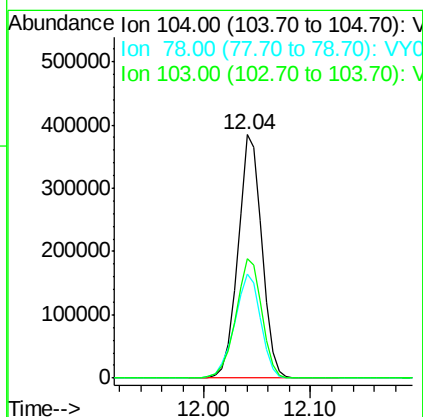
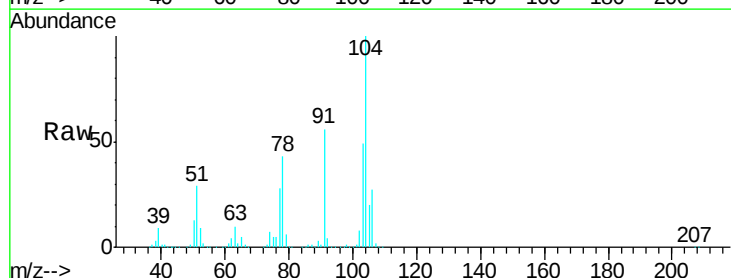
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

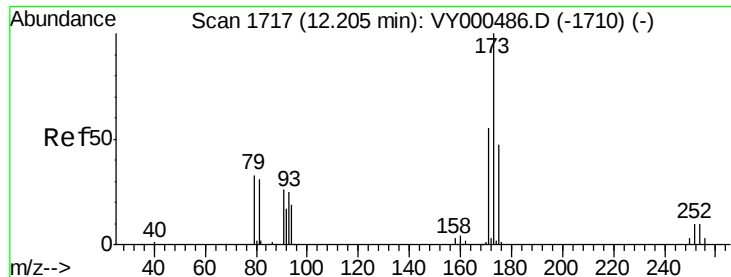
Tgt Ion:106 Resp: 346081
Ion Ratio Lower Upper
106 100
91 210.9 106.5 319.6



#70
Styrene
Concen: 51.021 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion:104 Resp: 602690
Ion Ratio Lower Upper
104 100
78 46.9 39.0 58.4
103 53.4 42.5 63.7

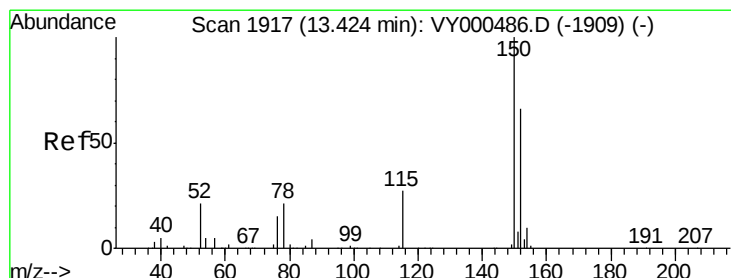
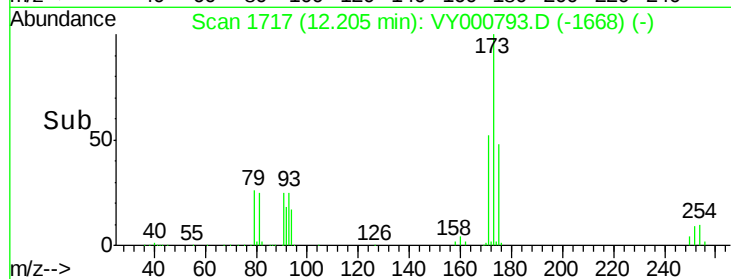
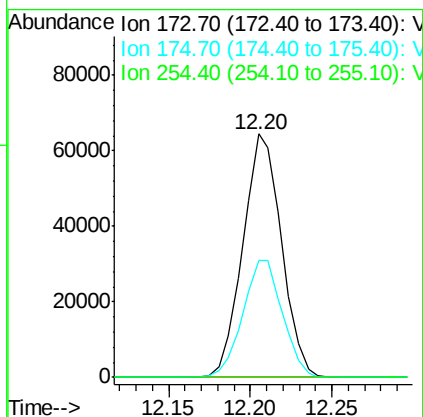
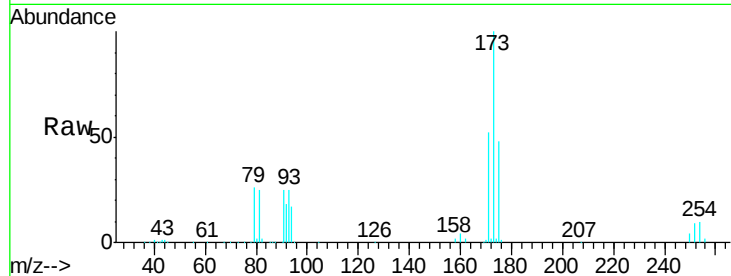




#71
Bromoform
Concen: 51.492 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

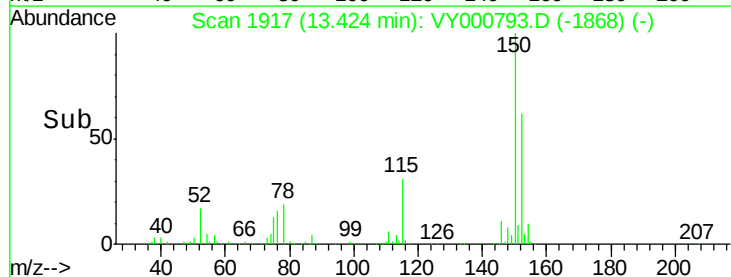
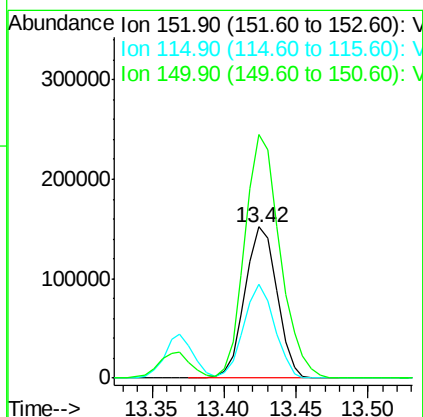
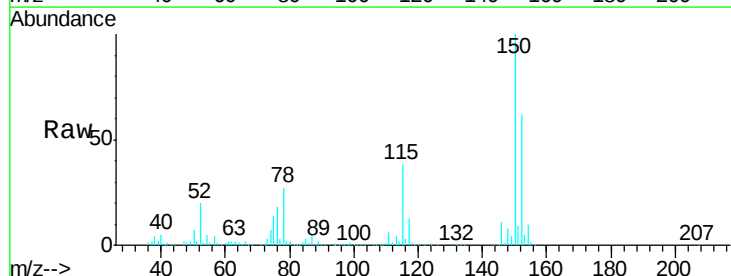
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

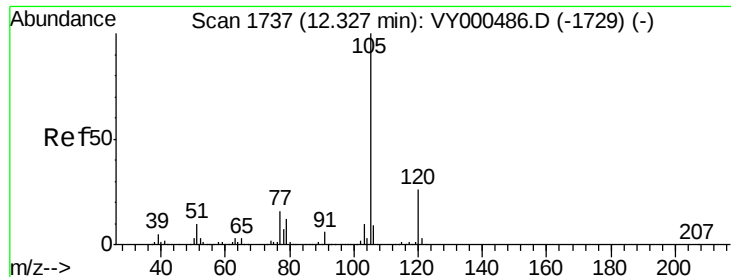
Tgt Ion:173 Resp: 105843
Ion Ratio Lower Upper
173 100
175 49.3 24.4 73.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion:152 Resp: 235197
Ion Ratio Lower Upper
152 100
115 59.9 29.1 87.4
150 176.1 0.0 348.8





#73

Isopropylbenzene

Concen: 54.992 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

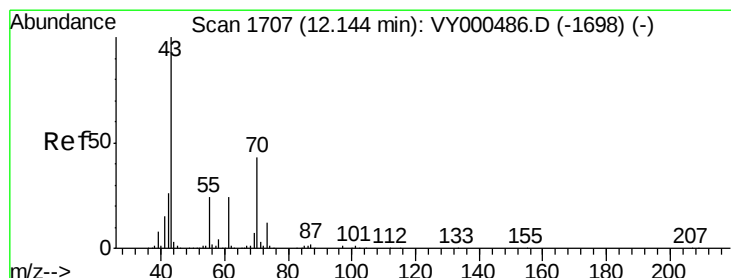
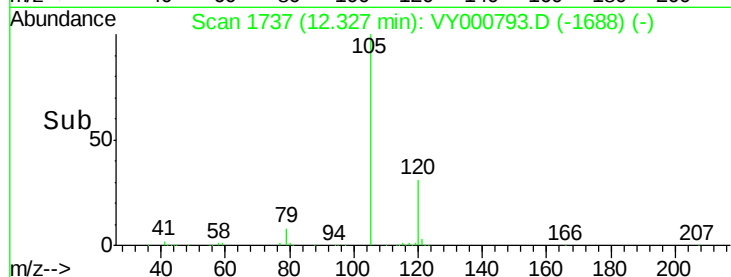
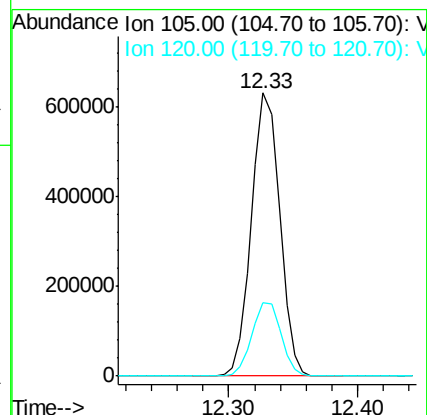
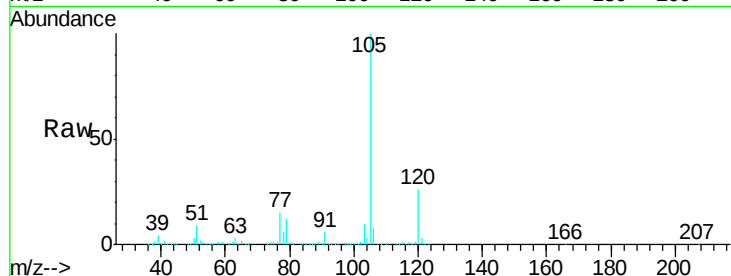
VSTDCCC050

Tgt Ion: 105 Resp: 955925

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 51.650 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Tgt Ion: 43 Resp: 257135

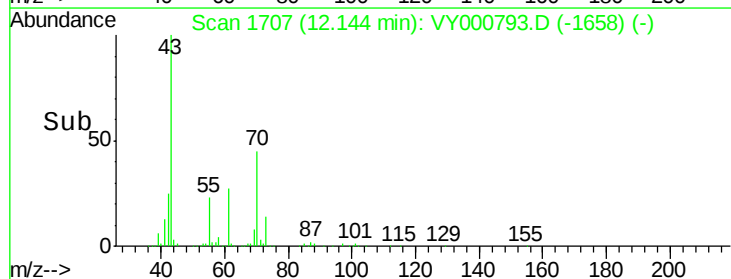
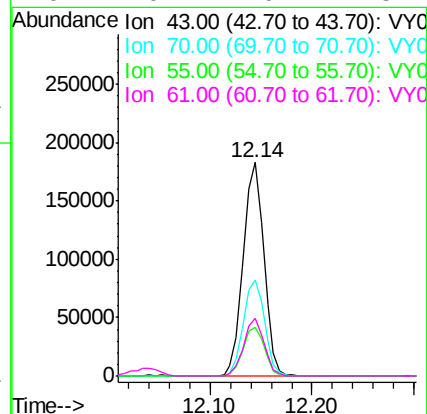
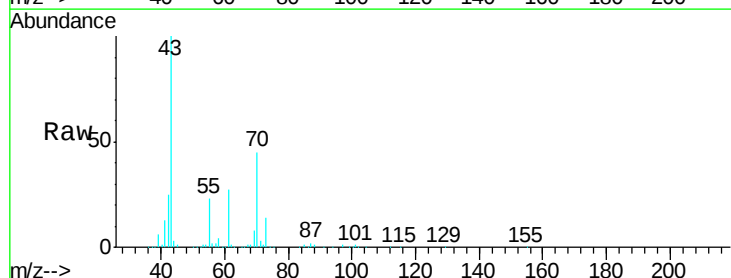
Ion Ratio Lower Upper

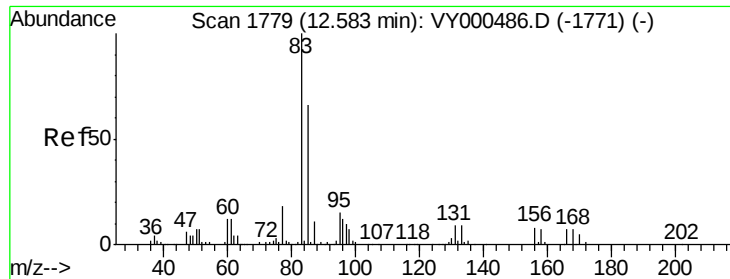
43 100

70 45.6 33.1 49.7

55 23.7 18.0 27.0

61 26.4 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.649 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

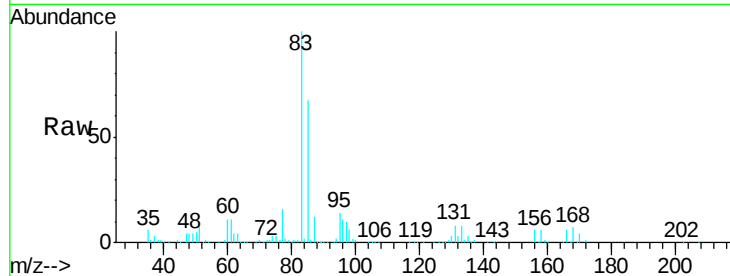
Tgt Ion: 83 Resp: 184652

Ion Ratio Lower Upper

83 100

131 9.4 5.0 14.9

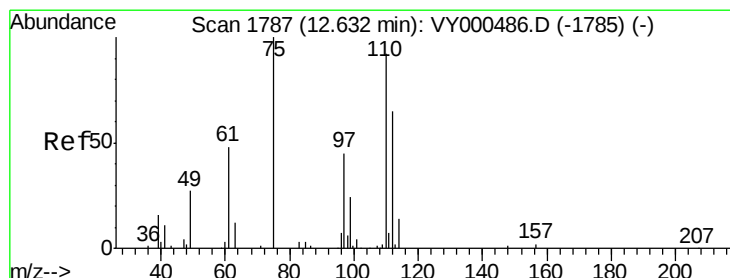
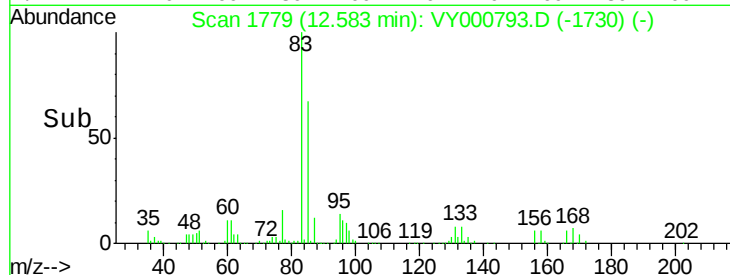
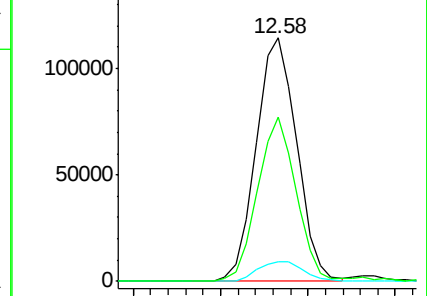
85 63.9 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VY000793.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000793.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000793.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 96.235 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000793.D

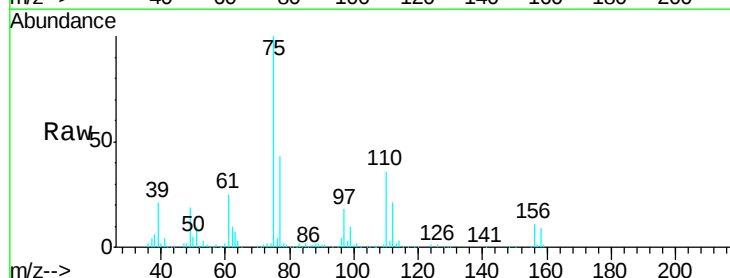
Acq: 26 Nov 2019 10:45

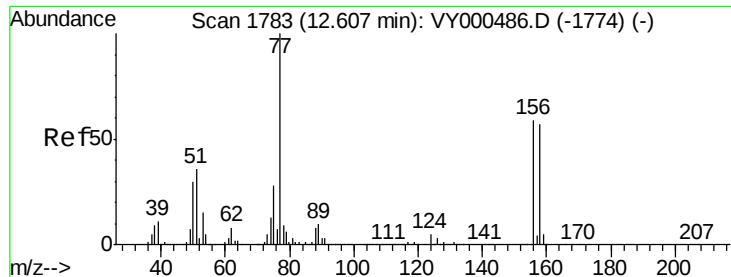
Tgt Ion: 75 Resp: 257720

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.056 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

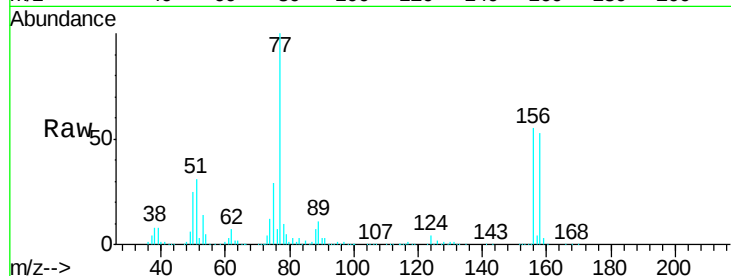
Tgt Ion:156 Resp: 205200

Ion Ratio Lower Upper

156 100

77 202.9 98.2 294.4

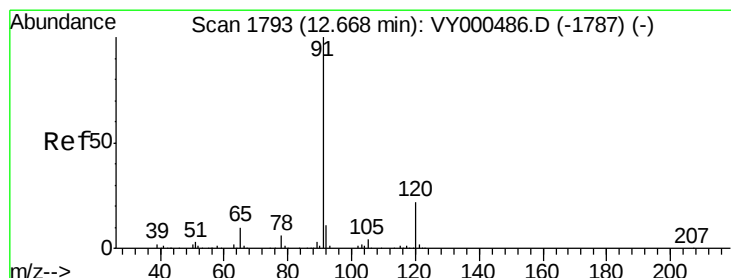
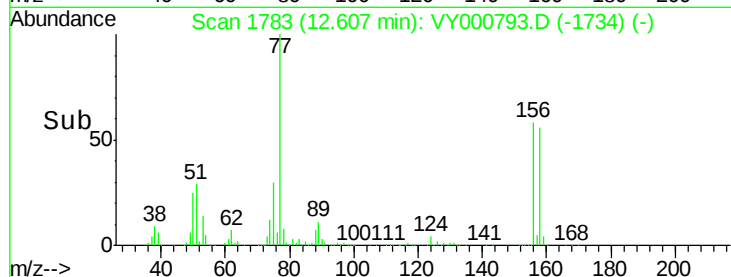
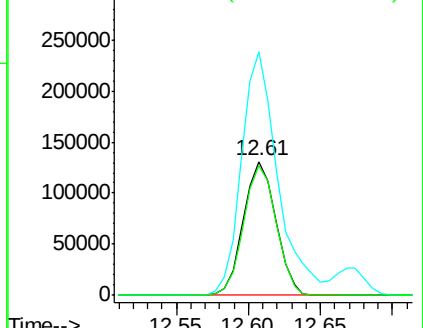
158 96.6 49.6 149.0



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: 54.722 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000793.D

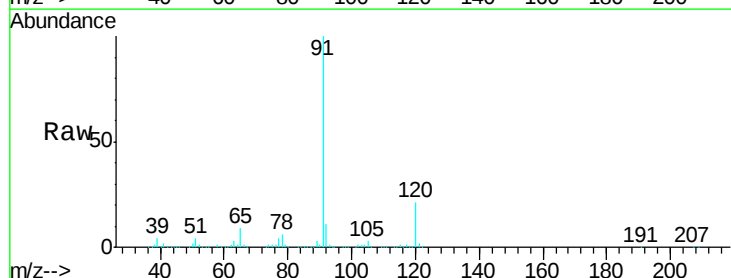
Acq: 26 Nov 2019 10:45

Tgt Ion: 91 Resp: 1147740

Ion Ratio Lower Upper

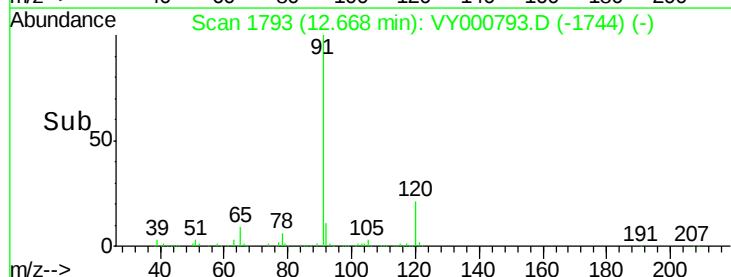
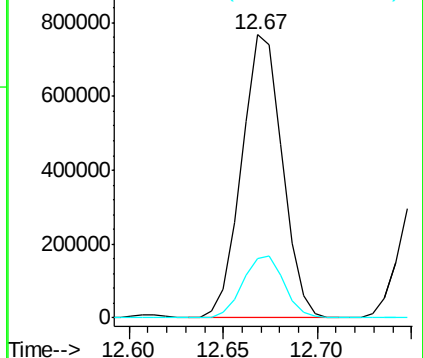
91 100

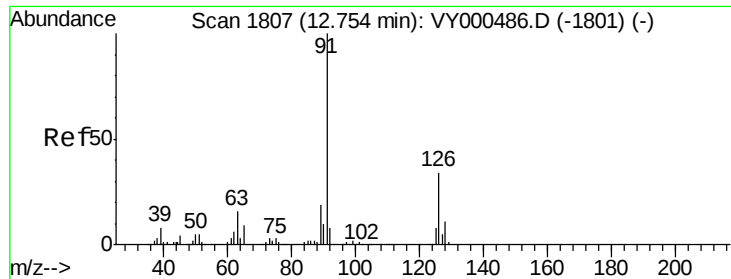
120 22.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.432 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

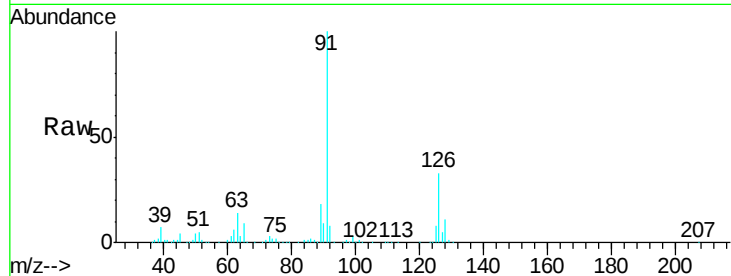
VSTDCCC050

Tgt Ion: 91 Resp: 633797

Ion Ratio Lower Upper

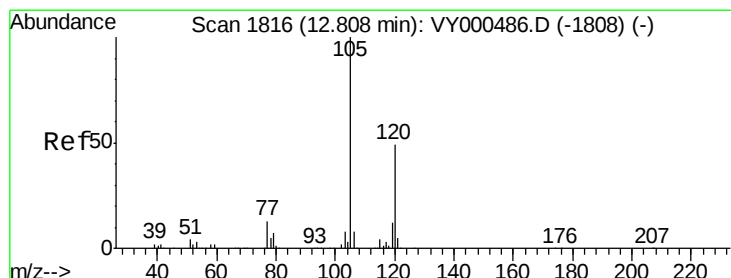
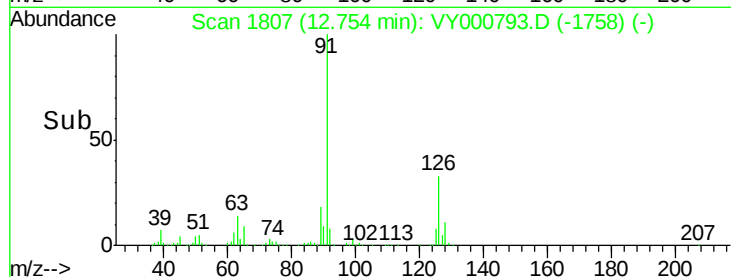
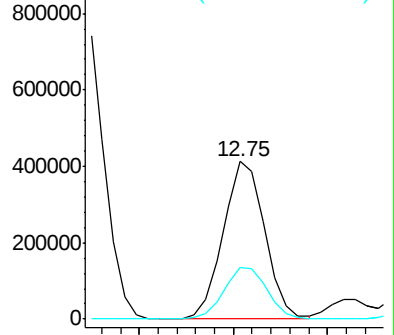
91 100

126 34.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.050 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY000793.D

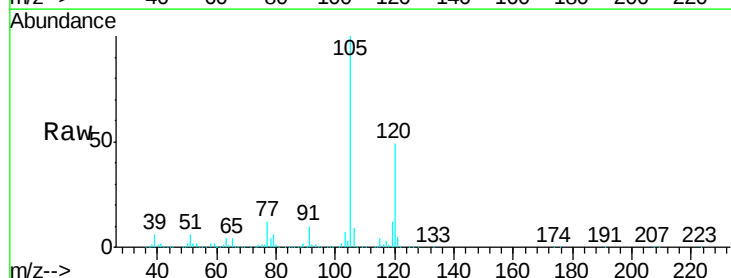
Acq: 26 Nov 2019 10:45

Tgt Ion: 105 Resp: 782496

Ion Ratio Lower Upper

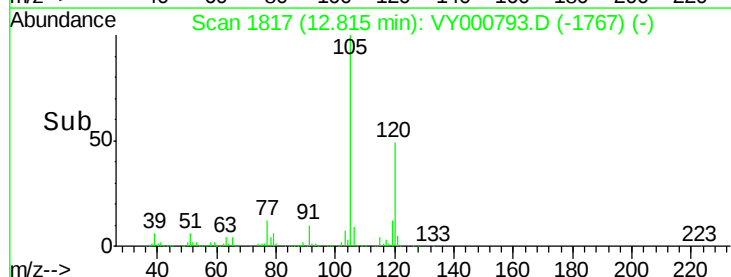
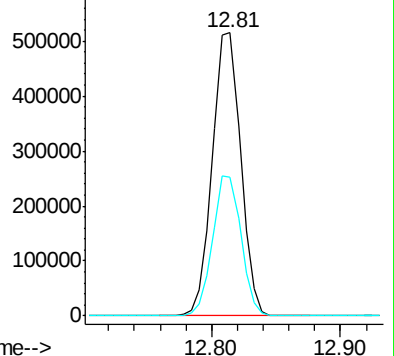
105 100

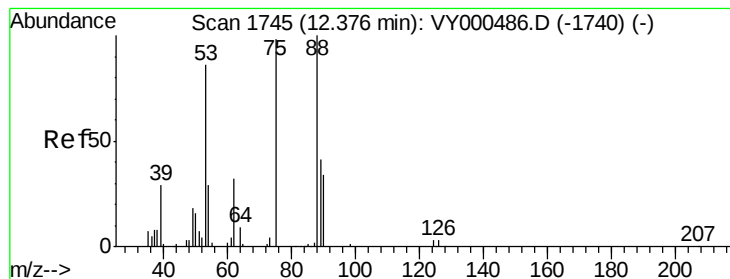
120 49.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 60.387 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

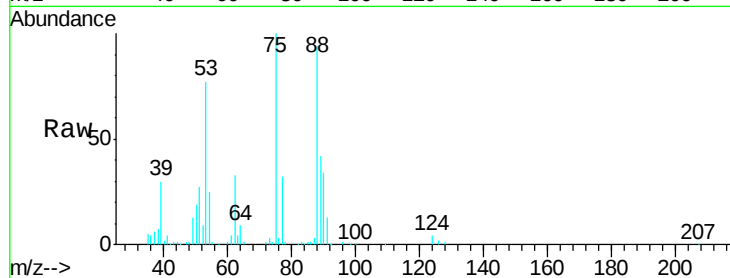
Tgt Ion: 75 Resp: 72127

Ion Ratio Lower Upper

75 100

53 78.9 73.2 109.8

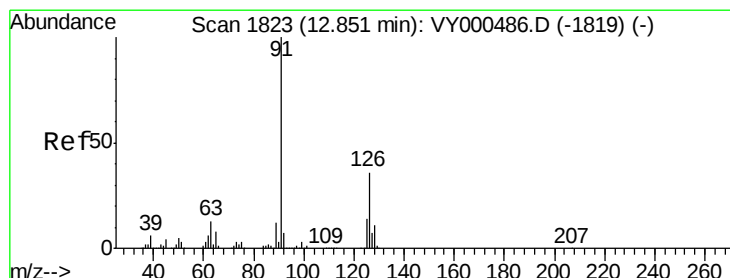
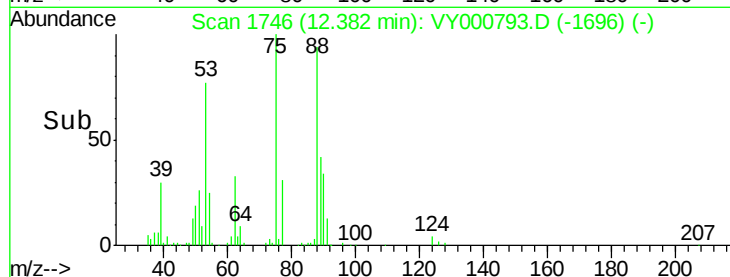
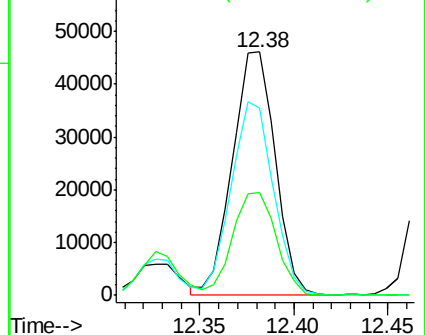
89 43.3 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 54.722 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000793.D

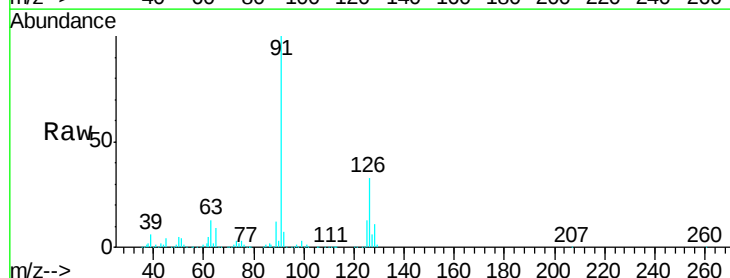
Acq: 26 Nov 2019 10:45

Tgt Ion: 91 Resp: 660486

Ion Ratio Lower Upper

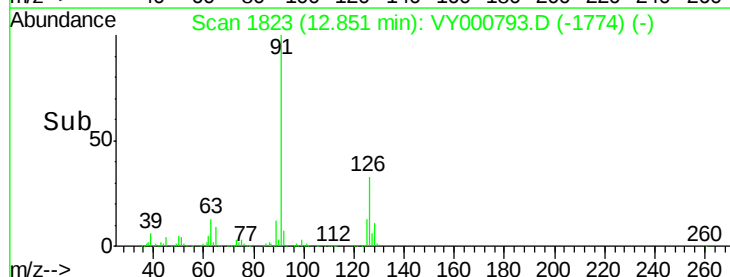
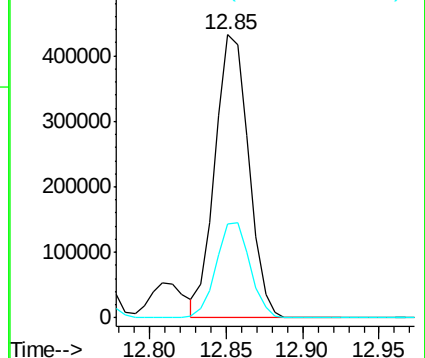
91 100

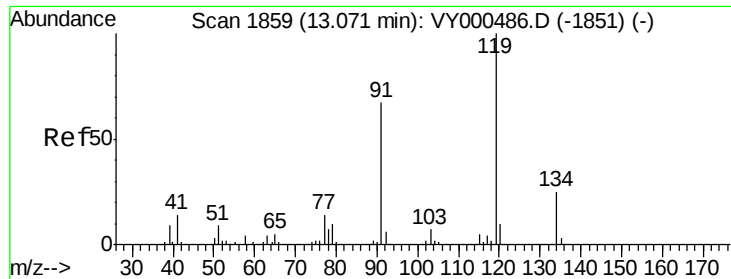
126 33.9 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

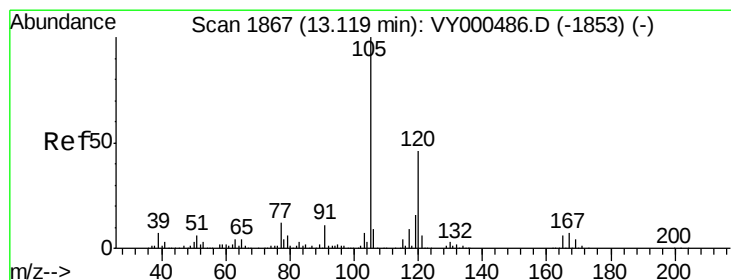
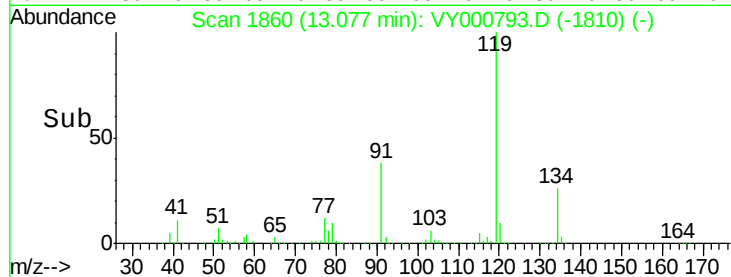
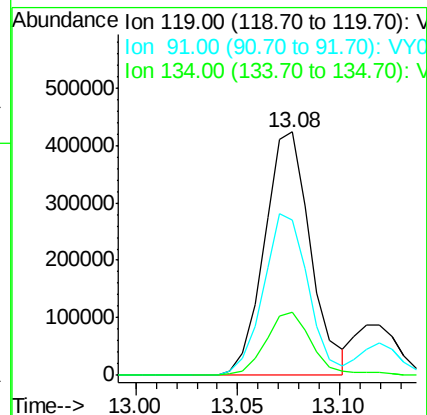
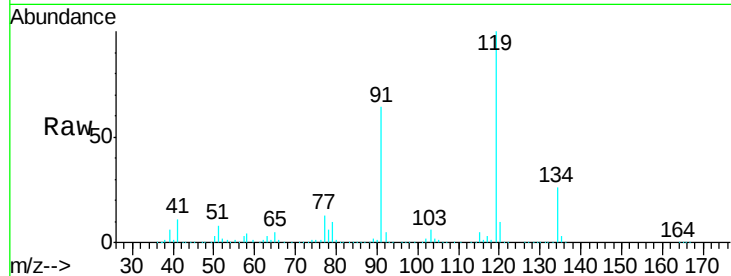




#83
tert-Butylbenzene
Concen: 53.946 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

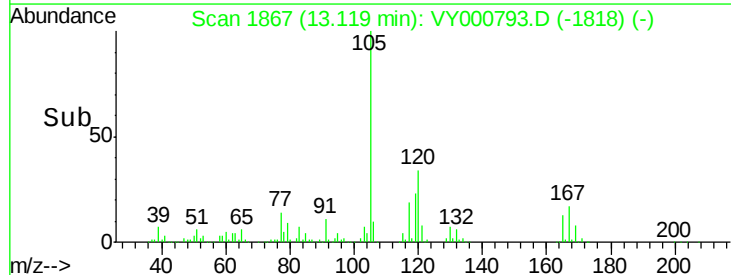
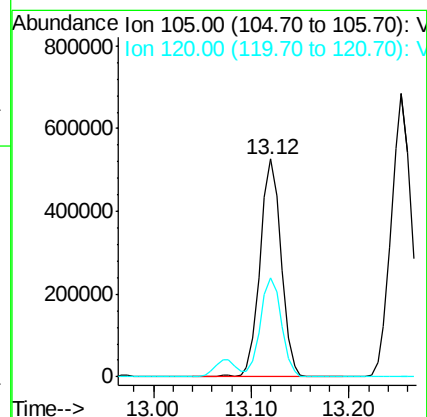
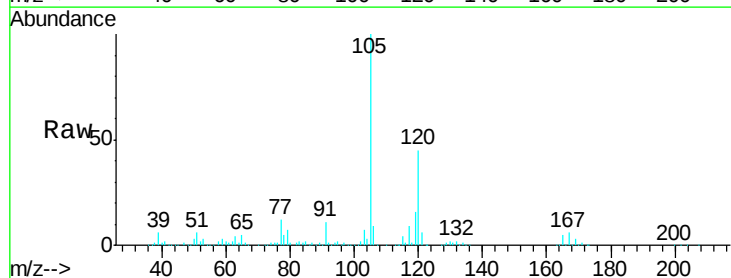
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

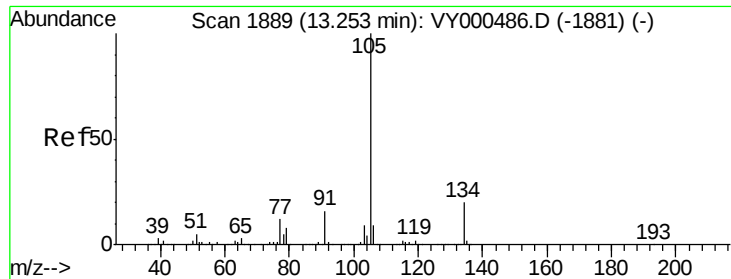
Tgt Ion:119 Resp: 666837
Ion Ratio Lower Upper
119 100
91 64.4 32.1 96.3
134 26.2 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 54.697 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion:105 Resp: 788429
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.9

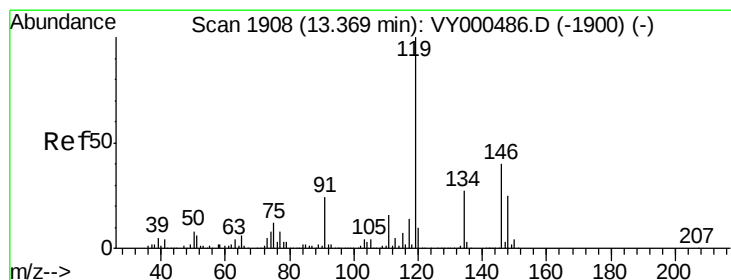
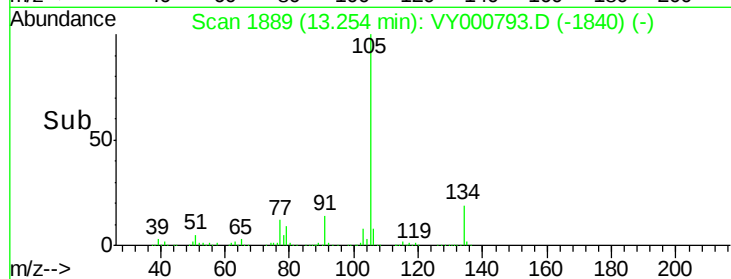
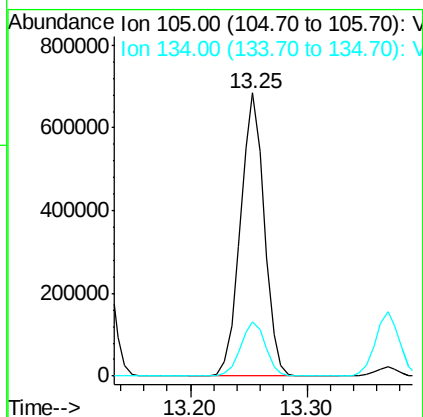
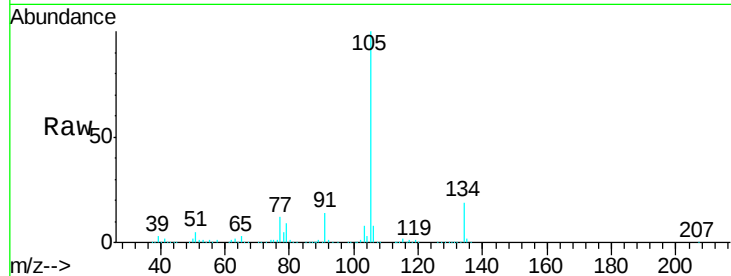




#85
 sec-Butylbenzene
 Concen: 55.495 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

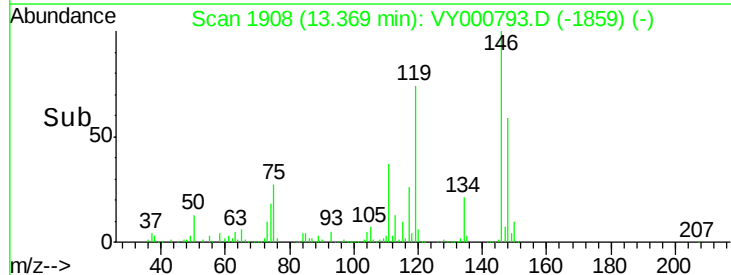
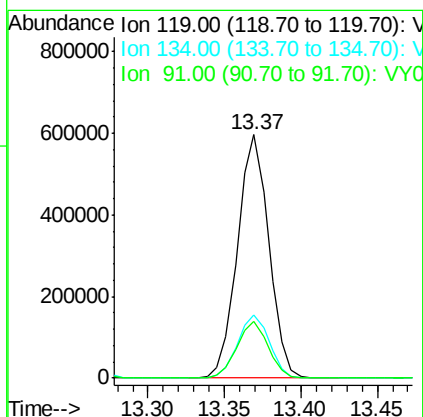
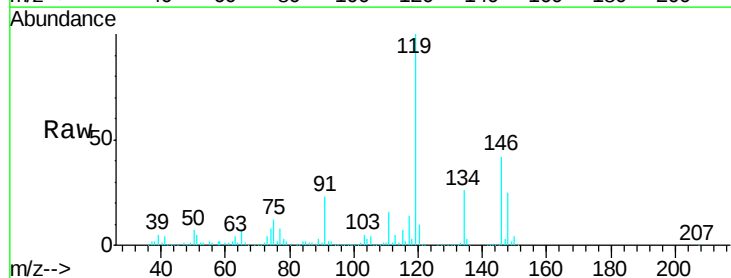
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

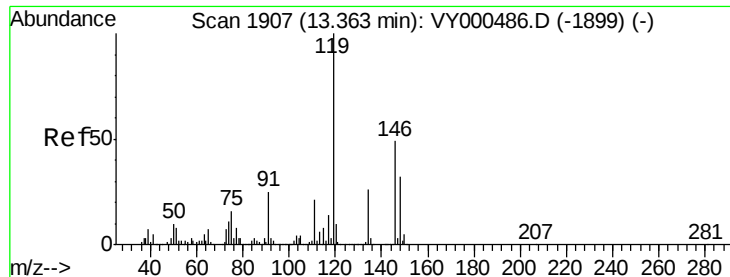
Tgt Ion:105 Resp: 977329
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 53.870 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion:119 Resp: 845550
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.8
 91 23.3 12.0 36.1

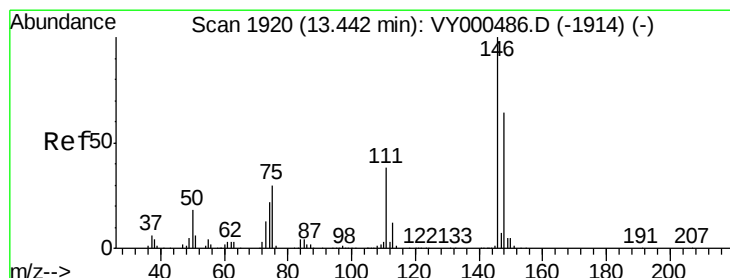
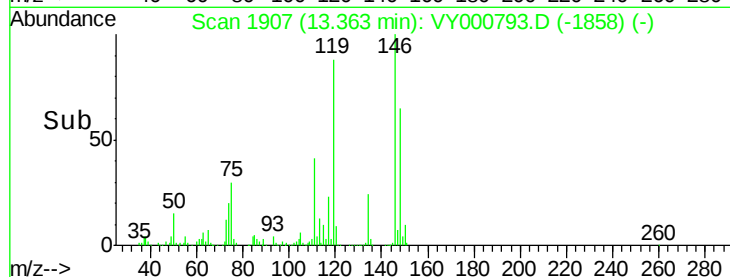
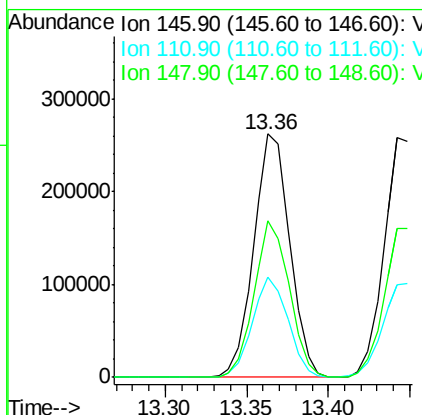
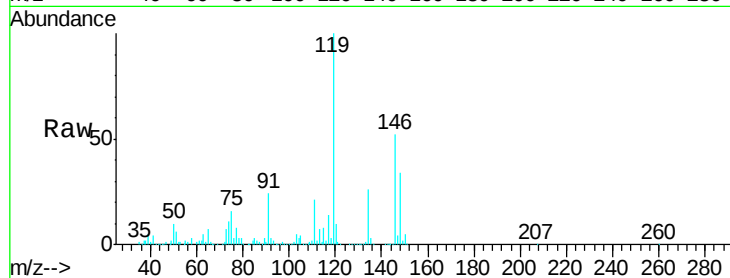




#87
 1,3-Dichlorobenzene
 Concen: 52.076 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

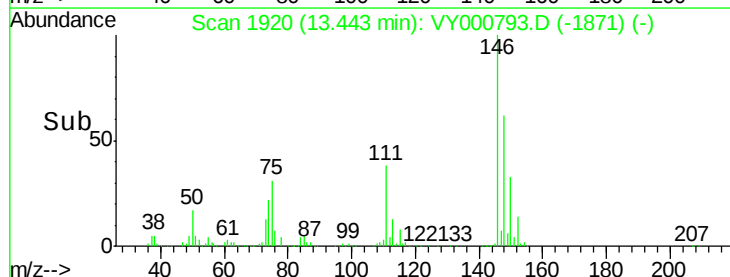
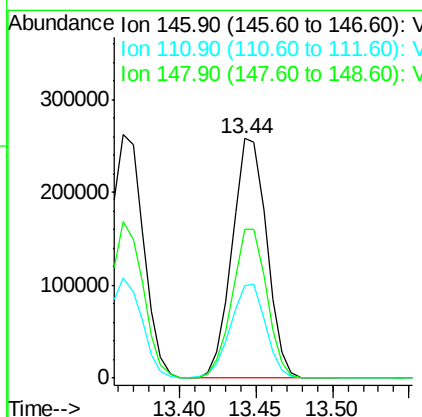
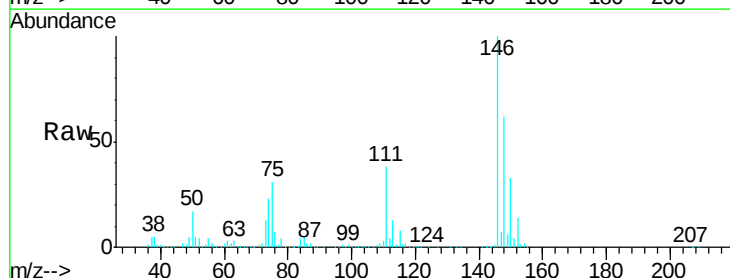
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

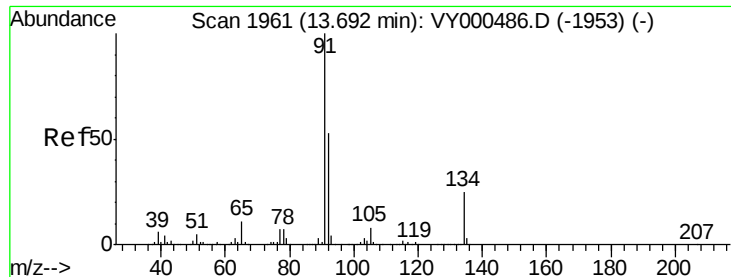
Tgt Ion:146 Resp: 402077
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 60.8
 148 62.8 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 52.449 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion:146 Resp: 404659
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.0
 148 62.2 31.9 95.7

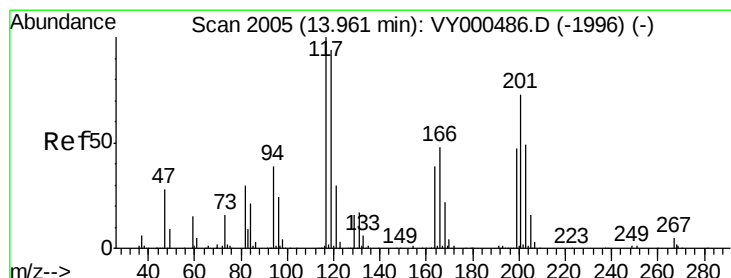
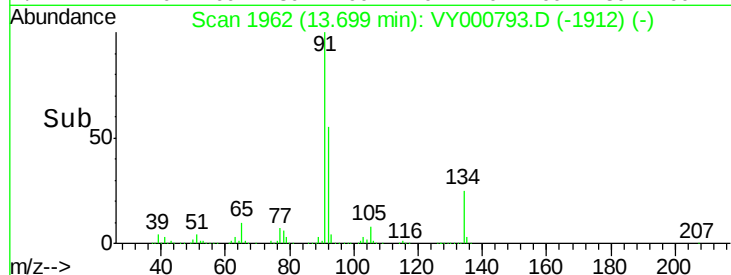
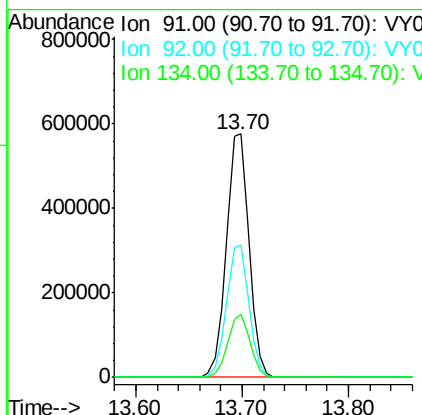
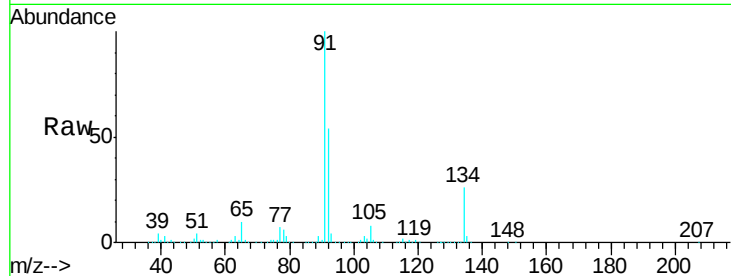




#89
n-Butylbenzene
Concen: 55.380 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

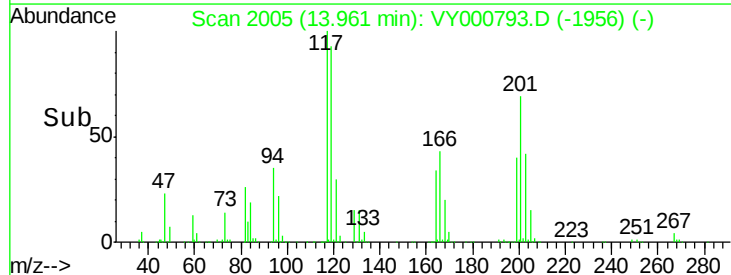
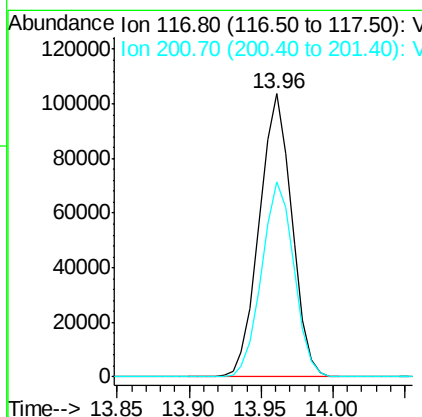
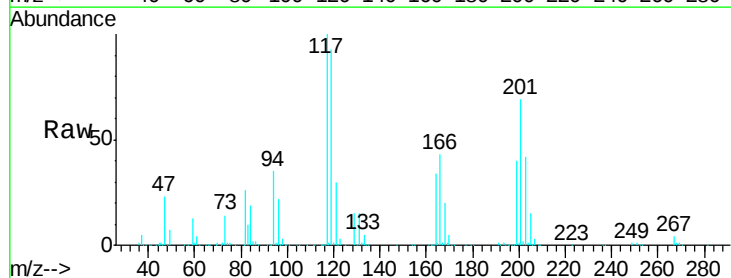
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

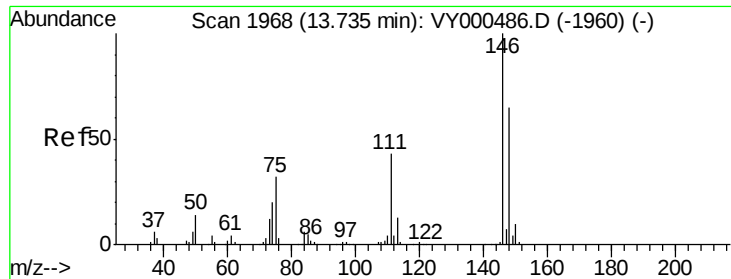
Tgt Ion: 91 Resp: 857347
Ion Ratio Lower Upper
91 100
92 54.4 26.8 80.3
134 25.7 12.9 38.7



#90
Hexachloroethane
Concen: 55.748 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion: 117 Resp: 161767
Ion Ratio Lower Upper
117 100
201 68.5 35.8 107.3

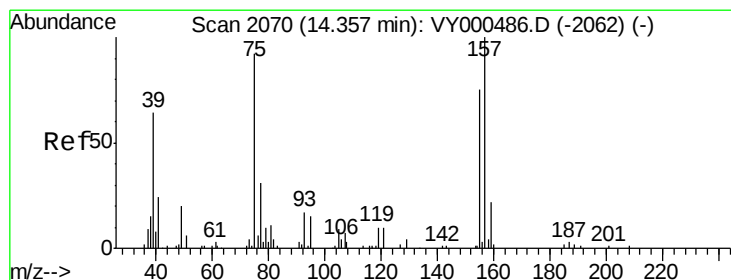
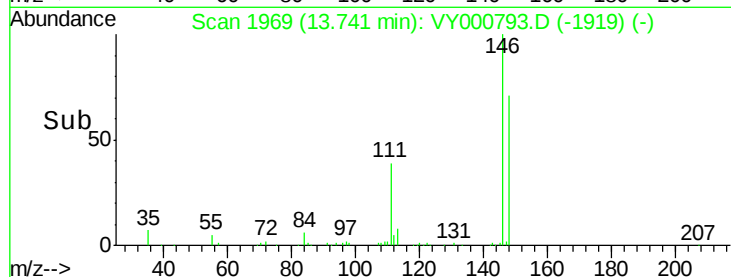
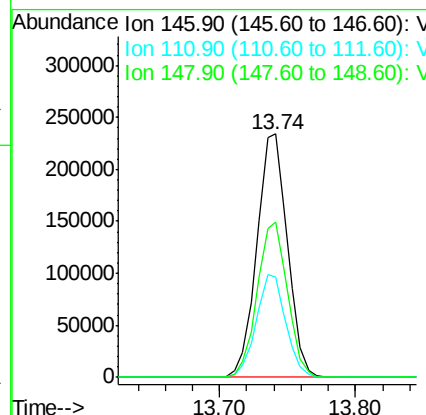
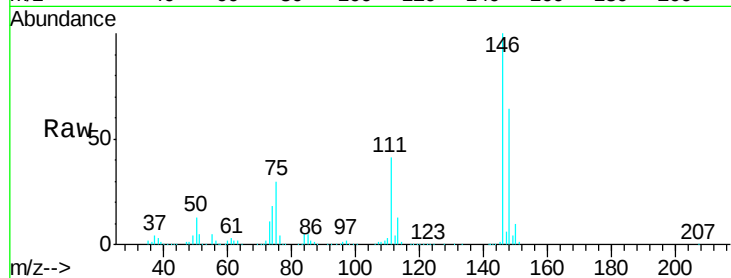




#91
 1,2-Dichlorobenzene
 Concen: 52.630 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

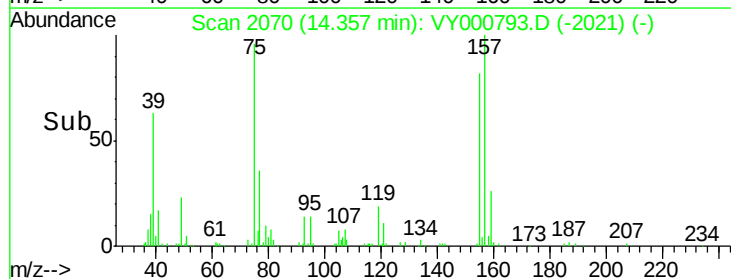
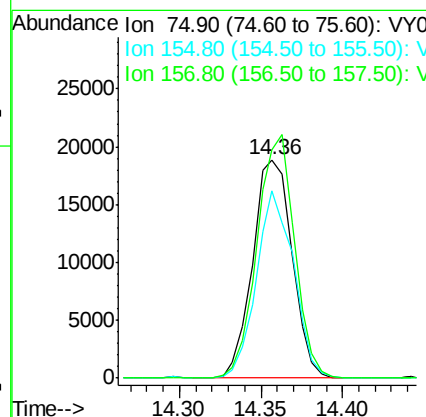
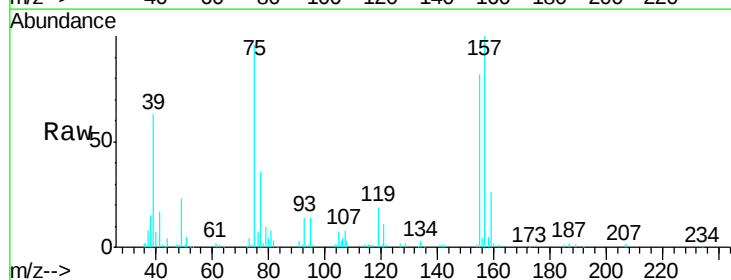
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

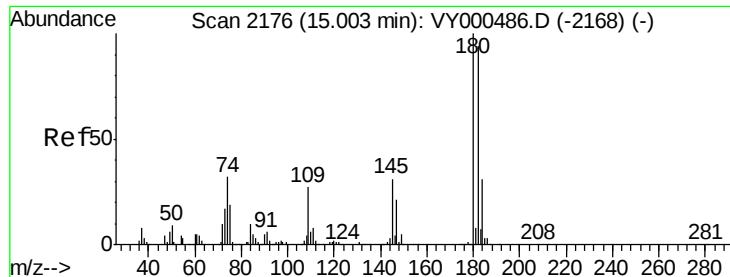
Tgt Ion: 146 Resp: 368690
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.5 61.5
 148 63.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.179 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion: 75 Resp: 31784
 Ion Ratio Lower Upper
 75 100
 155 80.9 42.4 127.1
 157 105.7 55.1 165.3

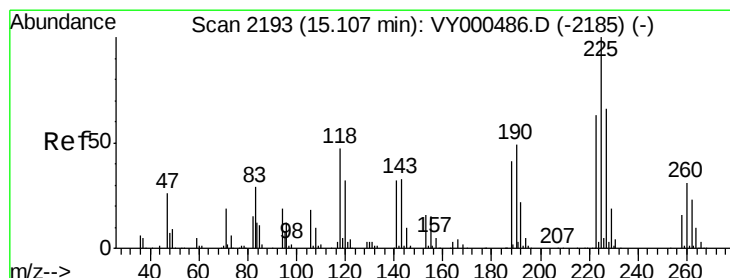
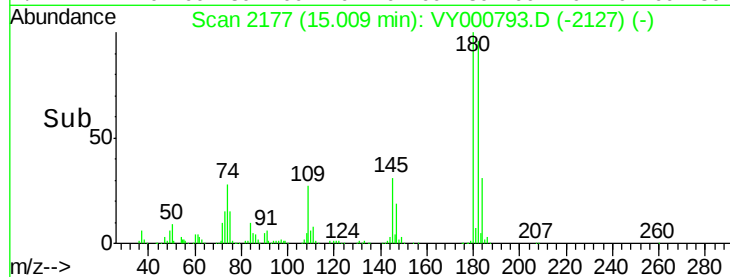
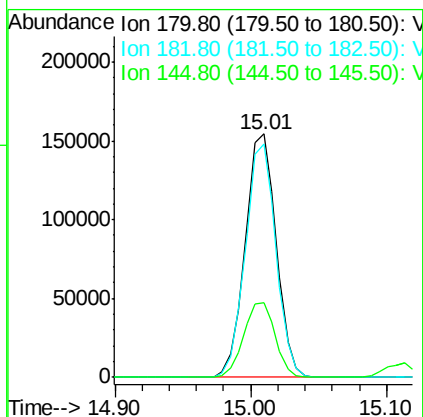
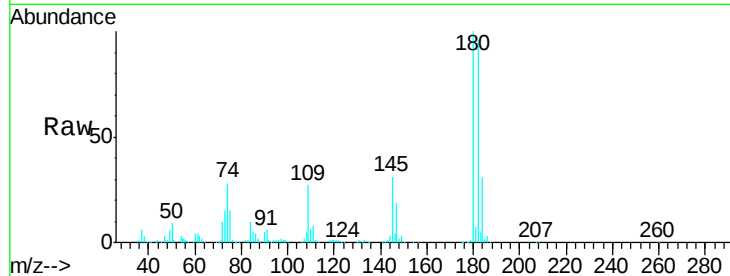




#93
 1,2,4-Trichlorobenzene
 Concen: 51.720 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

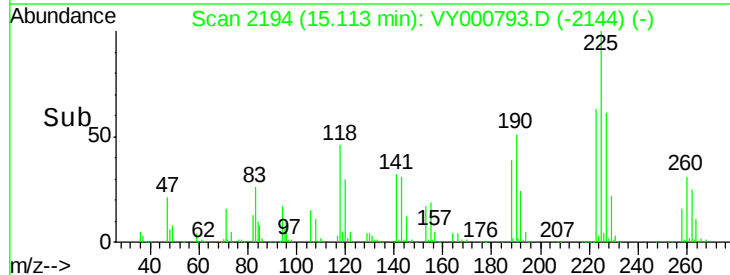
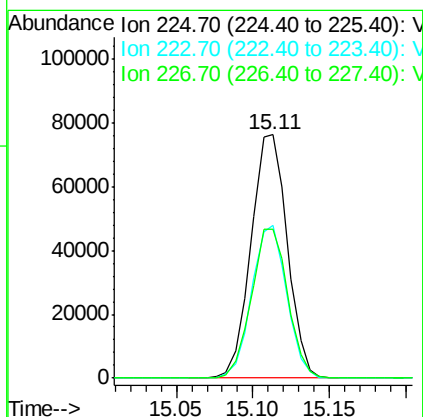
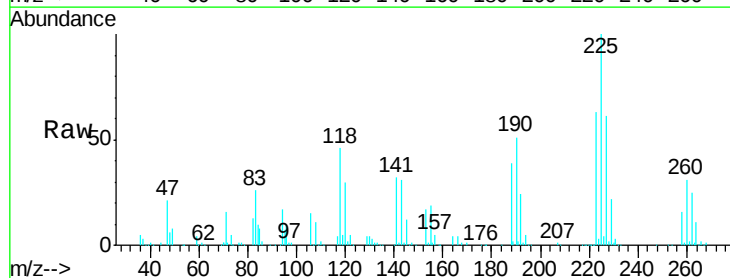
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

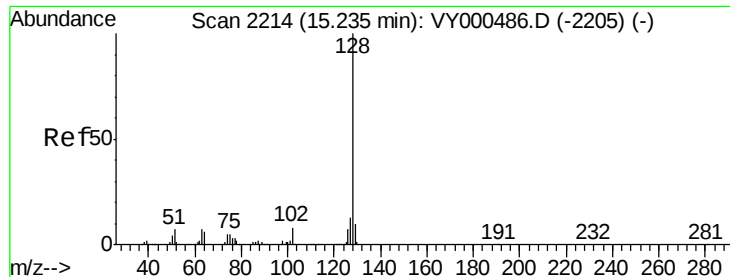
Tgt Ion:180 Resp: 246701
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.8 143.4
 145 31.1 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 51.306 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion:225 Resp: 126150
 Ion Ratio Lower Upper
 225 100
 223 60.3 31.3 93.8
 227 61.6 32.4 97.0





#95

Naphthalene

Concen: 54.339 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

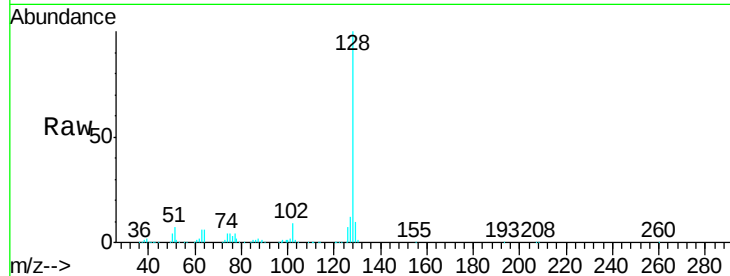
Tgt Ion:128 Resp: 575393

Ion Ratio Lower Upper

128 100

127 12.5 9.8 14.6

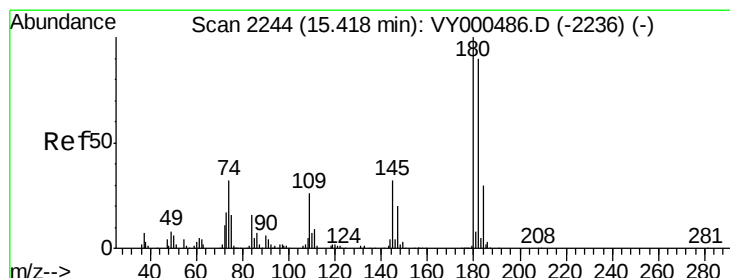
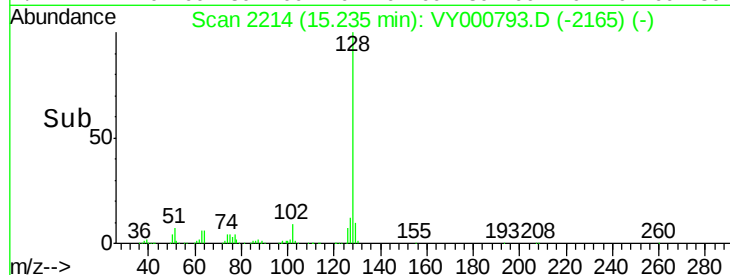
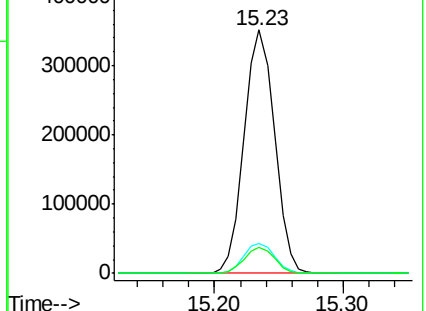
129 10.5 8.7 13.1



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: 50.615 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Tgt Ion:180 Resp: 216601

Ion Ratio Lower Upper

180 100

182 95.3 47.4 142.3

145 33.6 15.7 47.0

