

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY052920\
 Data File : VY002793.D
 Acq On : 29 May 2020 10:12
 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: May 30 04:03:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	293355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	432662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	408318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	222476	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	124214	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
35) Dibromofluoromethane	7.72	113	125431	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	10.18	98	498407	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.48	95	174310	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	99785	49.43	ug/l	97
3) Chloromethane	2.12	50	110725	49.59	ug/l	99
4) Vinyl Chloride	2.26	62	123595	52.37	ug/l	97
5) Bromomethane	2.65	94	87538	49.50	ug/l	98
6) Chloroethane	2.79	64	75577	49.40	ug/l	97
7) Trichlorofluoromethane	3.13	101	203689	48.73	ug/l	98
8) Diethyl Ether	3.53	74	74224	45.48	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	125462	50.56	ug/l	98
10) Methyl Iodide	4.10	142	167457	48.23	ug/l	100
11) Tert butyl alcohol	4.96	59	68557	250.45	ug/l	98
12) 1,1-Dichloroethene	3.88	96	122737	49.18	ug/l	99
13) Acrolein	3.74	56	82317	275.77	ug/l	100
14) Allyl chloride	4.48	41	179849	50.25	ug/l	100
15) Acrylonitrile	5.17	53	189471	257.35	ug/l	100
16) Acetone	3.96	43	172099	288.14	ug/l	97
17) Carbon Disulfide	4.19	76	362438	48.06	ug/l	99
18) Methyl Acetate	4.49	43	77241	51.57	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	350459	50.87	ug/l	100
20) Methylene Chloride	4.72	84	138288	47.38	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	138249	49.26	ug/l	99
22) Diisopropyl ether	6.13	45	377383	50.74	ug/l	98
23) Vinyl Acetate	6.07	43	1295192	263.75	ug/l	99
24) 1,1-Dichloroethane	6.02	63	219168	50.37	ug/l	99
25) 2-Butanone	6.99	43	246321	264.70	ug/l	100
26) 2,2-Dichloropropane	6.99	77	203995	48.89	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	154910	49.31	ug/l	99
28) Bromochloromethane	7.34	49	86368	48.35	ug/l	100
29) Tetrahydrofuran	7.35	42	156965	259.32	ug/l	100
30) Chloroform	7.51	83	233046	50.48	ug/l	96
31) Cyclohexane	7.78	56	204697	47.38	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	214968	49.96	ug/l	99
36) 1,1-Dichloropropene	7.92	75	181670	49.85	ug/l	100
37) Ethyl Acetate	7.08	43	103346	52.12	ug/l	98
38) Carbon Tetrachloride	7.90	117	202396	49.99	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY052920\
 Data File : VY002793.D
 Acq On : 29 May 2020 10:12
 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: May 30 04:03:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	234372	48.79	ug/l	99
40) Benzene	8.16	78	538558	50.01	ug/l	99
41) Methacrylonitrile	7.33	41	56802m	53.32	ug/l	
42) 1,2-Dichloroethane	8.24	62	152860	50.65	ug/l	99
43) Isopropyl Acetate	8.27	43	193917	51.60	ug/l	100
44) Trichloroethene	8.94	130	169868	49.94	ug/l	99
45) 1,2-Dichloropropane	9.22	63	128563	49.78	ug/l	98
46) Dibromomethane	9.31	93	78430	51.14	ug/l	98
47) Bromodichloromethane	9.50	83	188481	52.13	ug/l	97
48) Methyl methacrylate	9.29	41	87859	51.79	ug/l	98
49) 1,4-Dioxane	9.30	88	24157	1025.77	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	526510	264.60	ug/l	100
52) Toluene	10.24	92	354424	50.31	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	206085	52.18	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	230703	51.55	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	118792	50.59	ug/l	94
56) Ethyl methacrylate	10.51	69	164699	52.37	ug/l	99
57) 1,3-Dichloropropane	10.79	76	197571	51.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	383968	249.85	ug/l	100
59) 2-Hexanone	10.83	43	380936	269.82	ug/l	100
60) Dibromochloromethane	10.99	129	154813	52.00	ug/l	100
61) 1,2-Dibromoethane	11.09	107	116952	50.49	ug/l	99
64) Tetrachloroethene	10.72	164	178834	48.19	ug/l	99
65) Chlorobenzene	11.52	112	399639	49.52	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	153525	50.51	ug/l	99
67) Ethyl Benzene	11.60	91	695431	49.71	ug/l	99
68) m/p-Xylenes	11.70	106	541961	99.91	ug/l	100
69) o-Xylene	12.03	106	259760	50.72	ug/l	99
70) Styrene	12.05	104	450208	50.71	ug/l	100
71) Bromoform	12.20	173	103687	50.98	ug/l #	98
73) Isopropylbenzene	12.33	105	699423	49.06	ug/l	99
74) N-amyl acetate	12.14	43	189063	51.68	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	128177	51.24	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	105656m	52.71	ug/l	
77) Bromobenzene	12.61	156	182412	49.14	ug/l	100
78) n-propylbenzene	12.67	91	821916	49.91	ug/l	100
79) 2-Chlorotoluene	12.75	91	453553	49.10	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	592115	49.74	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	54937	51.63	ug/l	98
82) 4-Chlorotoluene	12.86	91	480254	49.62	ug/l	99
83) tert-Butylbenzene	13.08	119	523267	49.28	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	599449	50.08	ug/l	99
85) sec-Butylbenzene	13.25	105	723463	49.83	ug/l	99
86) p-Isopropyltoluene	13.37	119	682219	50.50	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	350444	49.84	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	349389	49.67	ug/l	99
89) n-Butylbenzene	13.70	91	620240	50.57	ug/l	99
90) Hexachloroethane	13.96	117	126015	49.82	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	320340	50.23	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25285	52.54	ug/l	95

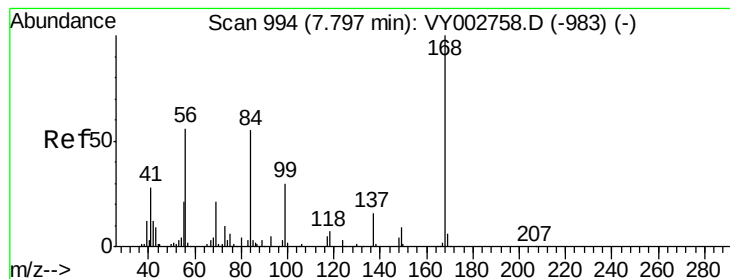
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY052920\
Data File : VY002793.D
Acq On : 29 May 2020 10:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: May 30 04:03:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	239276	49.78	ug/l	99
94) Hexachlorobutadiene	15.11	225	134779	49.44	ug/l	99
95) Naphthalene	15.23	128	488149	50.65	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	215506	50.21	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

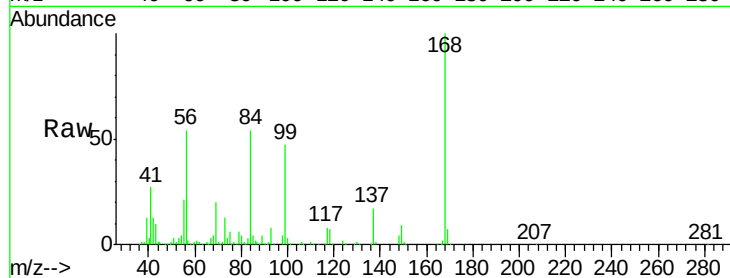
VSTDCCC050

Tgt Ion:168 Resp: 293355

Ion Ratio Lower Upper

168 100

99 46.9 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

150000

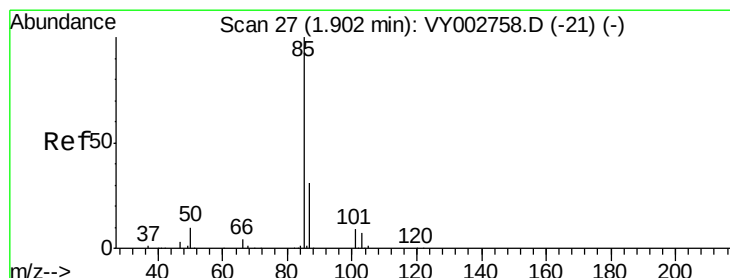
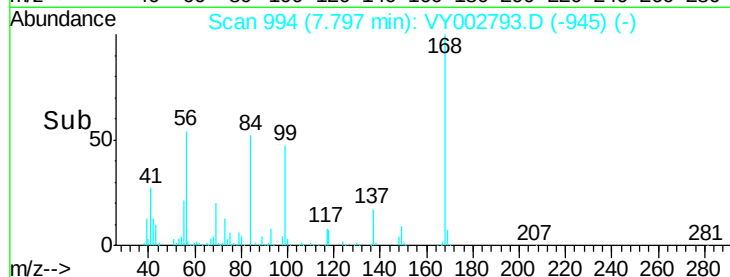
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 49.43 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002793.D

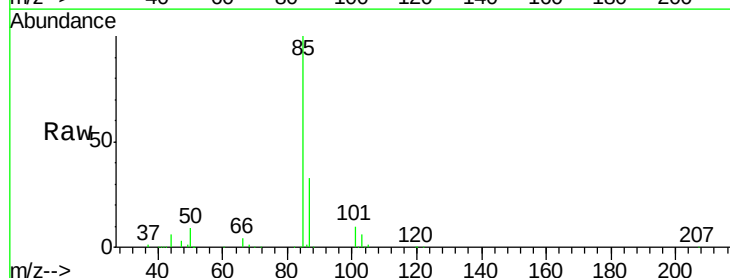
Acq: 29 May 2020 10:12

Tgt Ion: 85 Resp: 99785

Ion Ratio Lower Upper

85 100

87 32.6 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.91

80000

60000

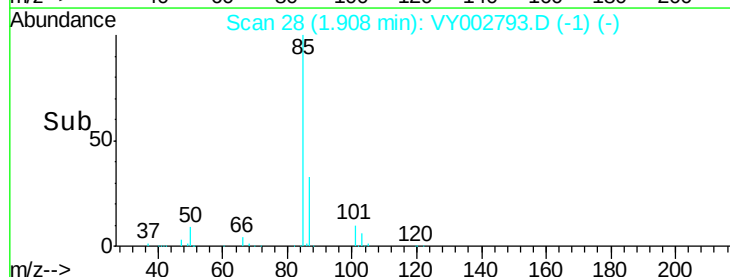
40000

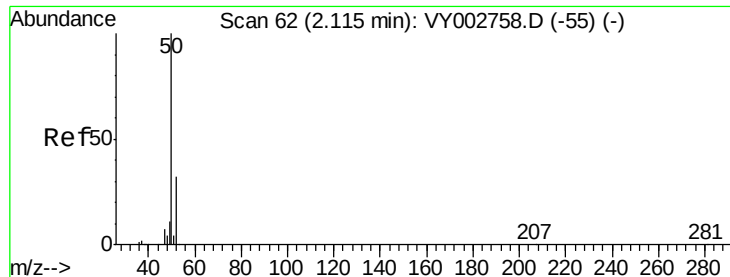
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.59 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

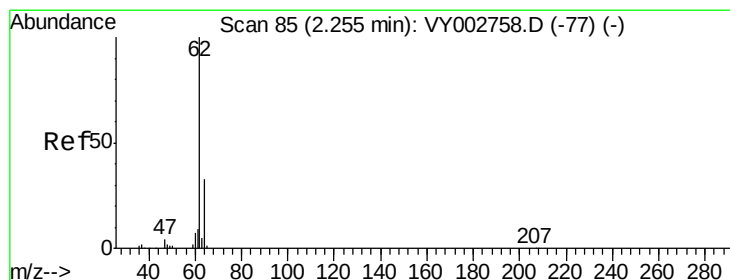
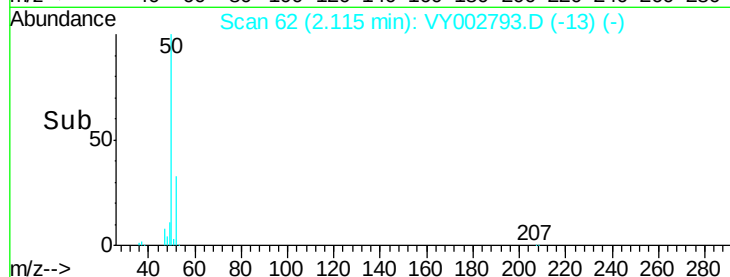
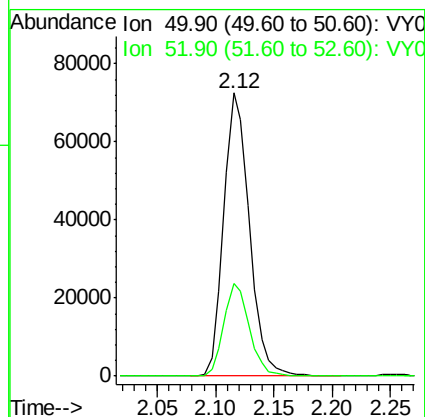
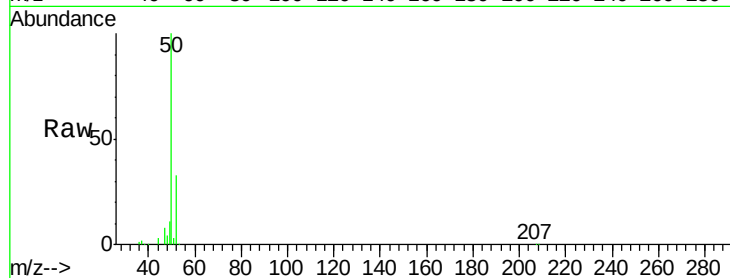
VSTDCCC050

Tgt Ion: 50 Resp: 110725

Ion Ratio Lower Upper

50 100

52 32.9 25.8 38.6



#4

Vinyl Chloride

Concen: 52.37 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002793.D

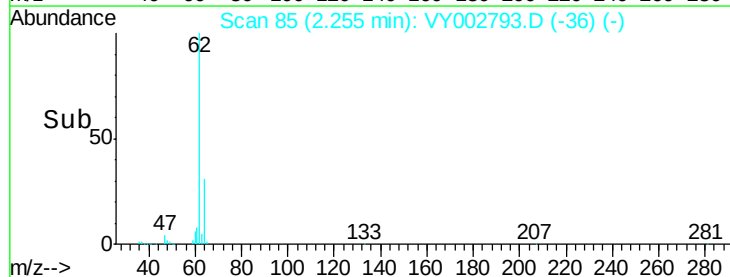
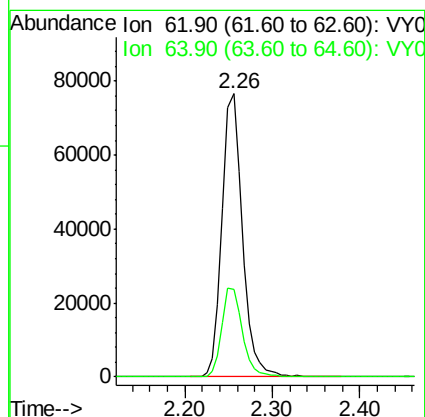
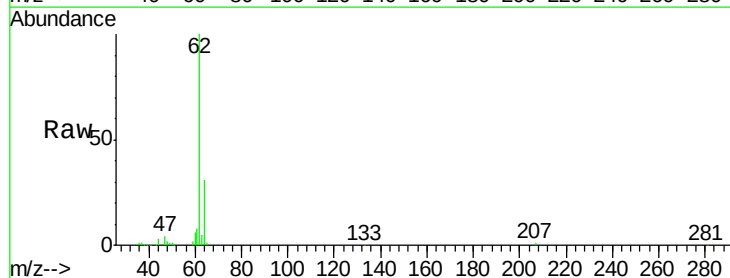
Acq: 29 May 2020 10:12

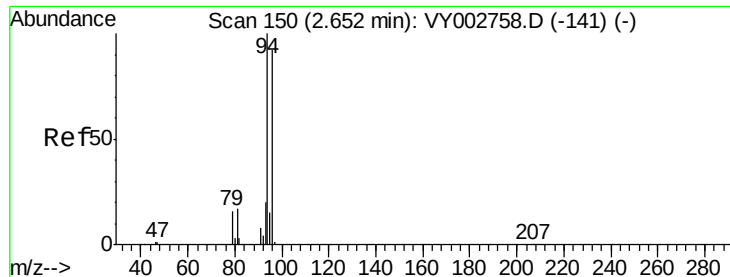
Tgt Ion: 62 Resp: 123595

Ion Ratio Lower Upper

62 100

64 30.8 26.1 39.1





#5

Bromomethane

Concen: 49.50 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

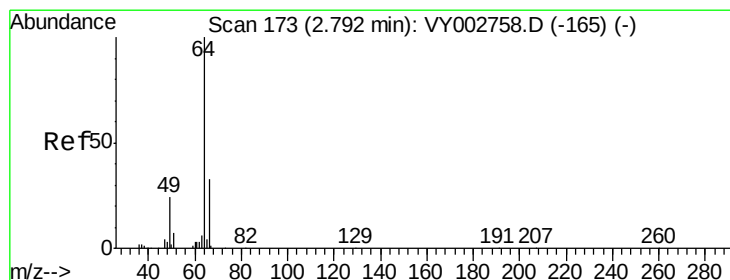
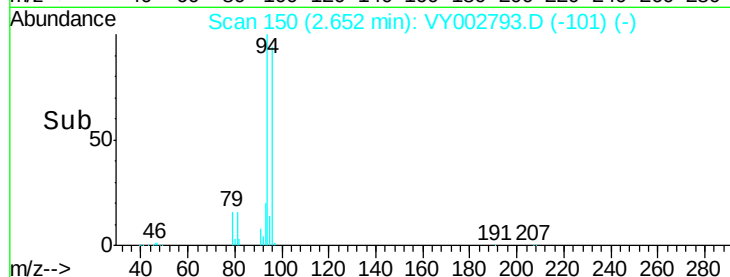
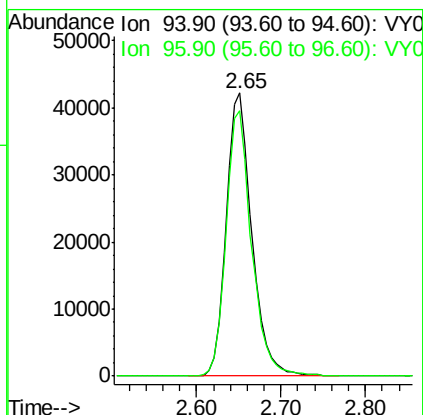
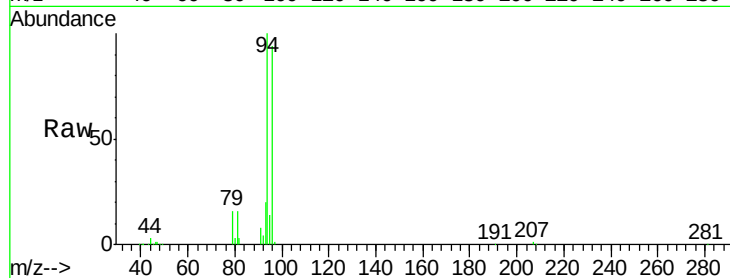
VSTDCCC050

Tgt Ion: 94 Resp: 87538

Ion Ratio Lower Upper

94 100

96 93.6 73.7 110.5



#6

Chloroethane

Concen: 49.40 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002793.D

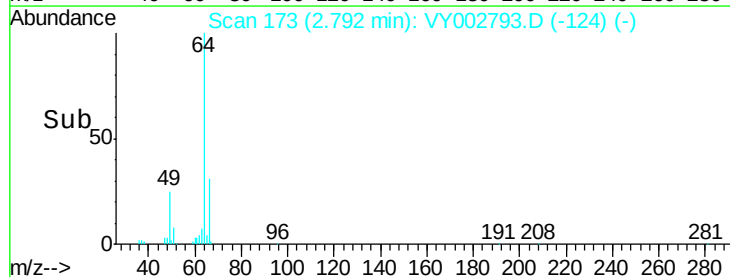
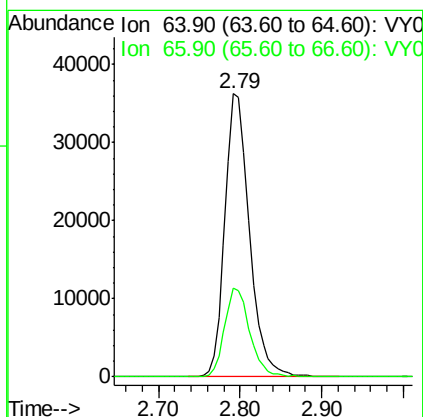
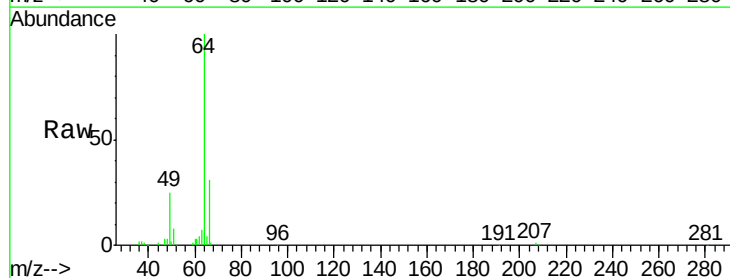
Acq: 29 May 2020 10:12

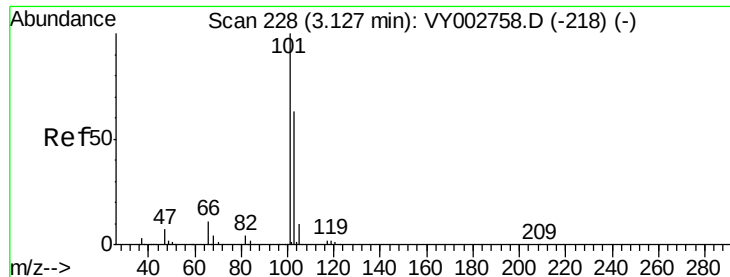
Tgt Ion: 64 Resp: 75577

Ion Ratio Lower Upper

64 100

66 31.5 26.4 39.6





#7

Trichlorofluoromethane

Concen: 48.73 ug/l

RT: 3.13 min Scan# 228

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

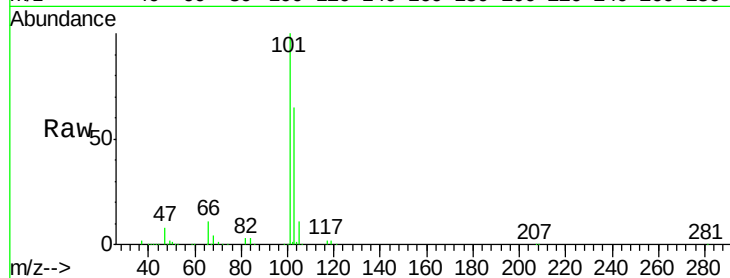
VSTDCCC050

Tgt Ion:101 Resp: 203689

Ion Ratio Lower Upper

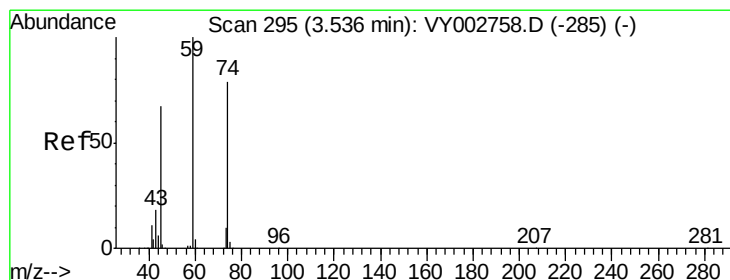
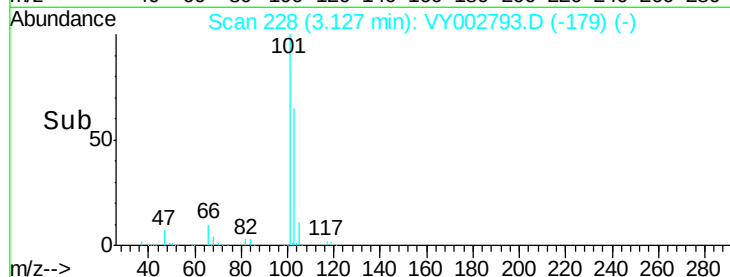
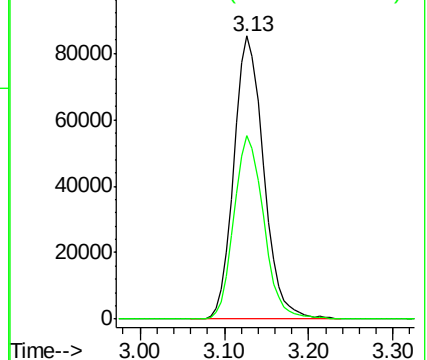
101 100

103 64.8 50.6 76.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 45.48 ug/l

RT: 3.53 min Scan# 294

Delta R.T. -0.01 min

Lab File: VY002793.D

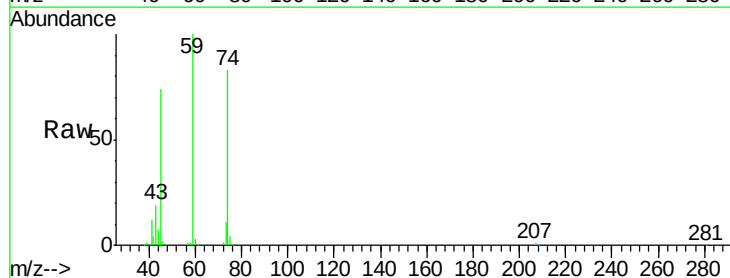
Acq: 29 May 2020 10:12

Tgt Ion: 74 Resp: 74224

Ion Ratio Lower Upper

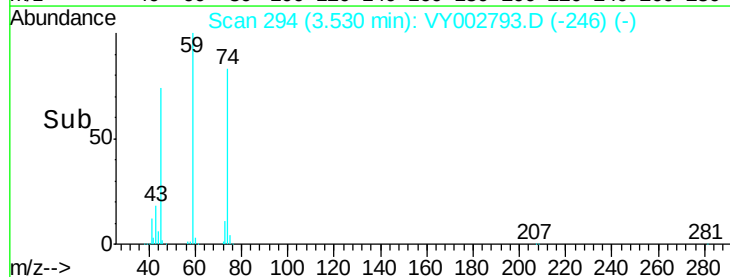
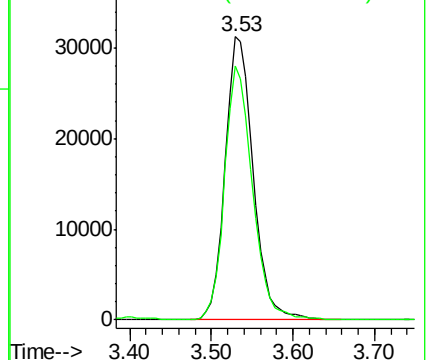
74 100

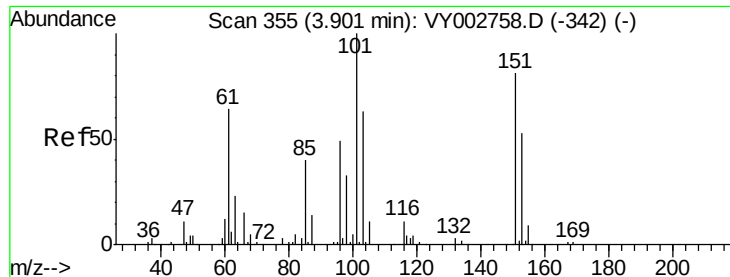
45 89.6 44.0 131.8



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.56 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

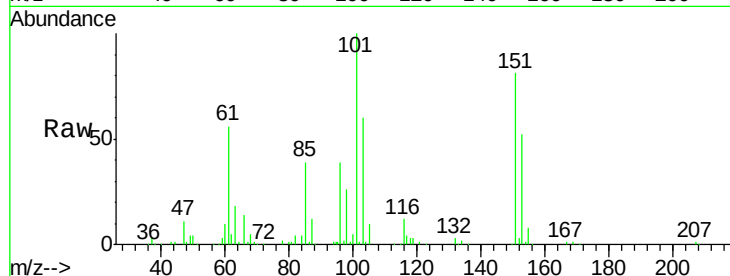
Tgt Ion:101 Resp: 125462

Ion Ratio Lower Upper

101 100

85 41.7 32.7 49.1

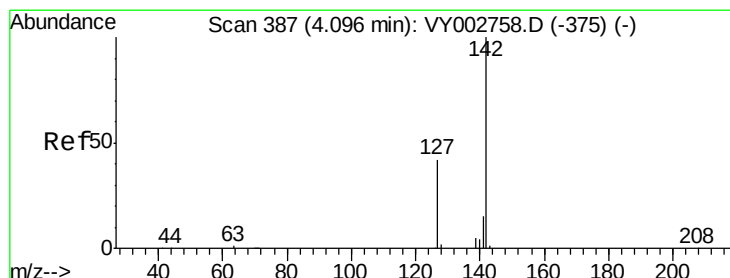
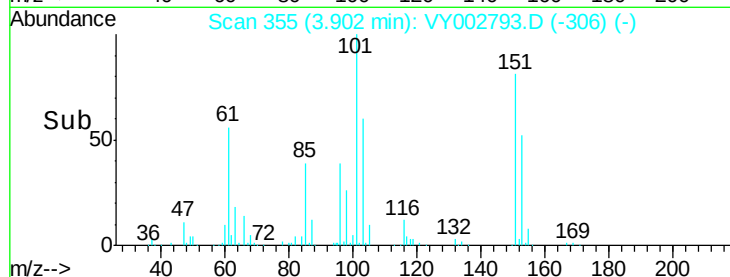
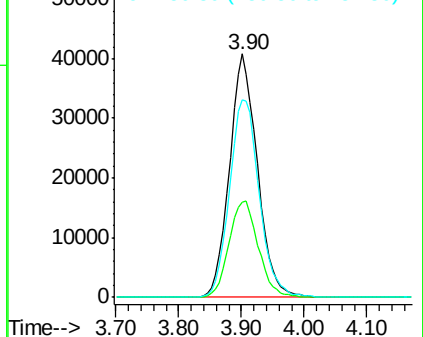
151 86.5 68.0 102.0



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: 48.23 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

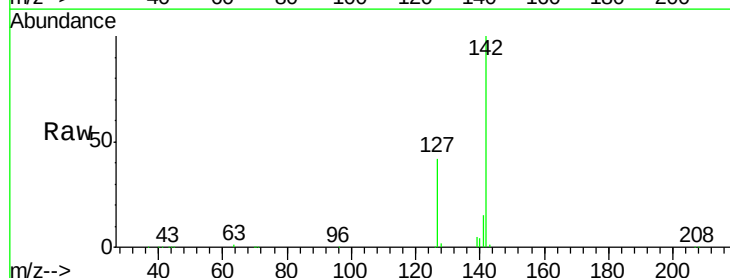
Tgt Ion:142 Resp: 167457

Ion Ratio Lower Upper

142 100

127 41.8 33.3 49.9

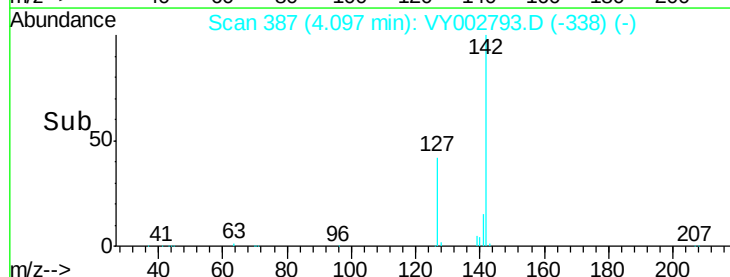
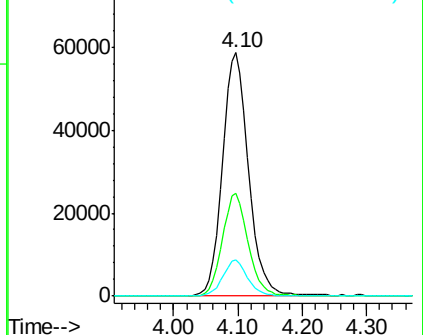
141 14.2 11.5 17.3

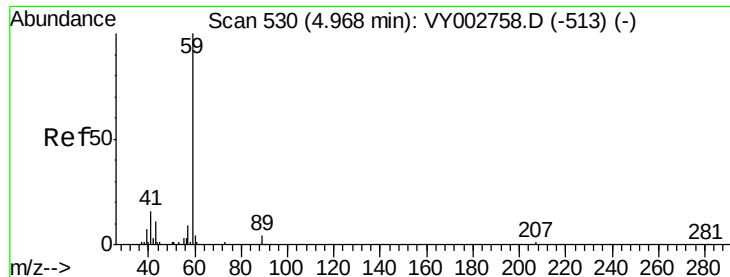


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 250.45 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

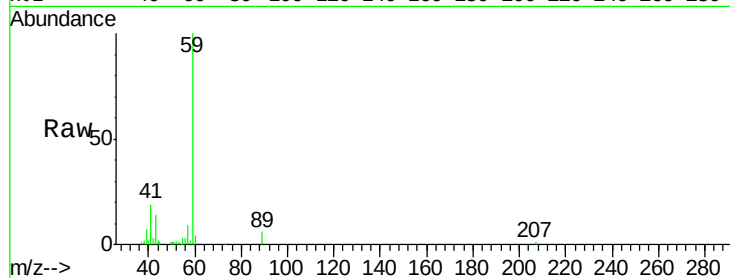
VSTDCCC050

Tgt Ion: 59 Resp: 68557

Ion Ratio Lower Upper

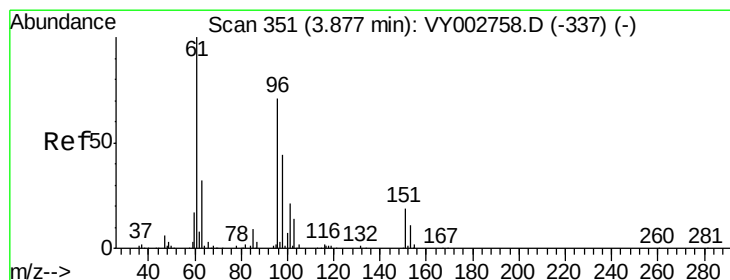
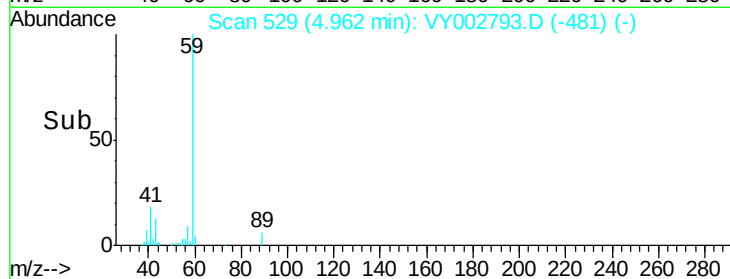
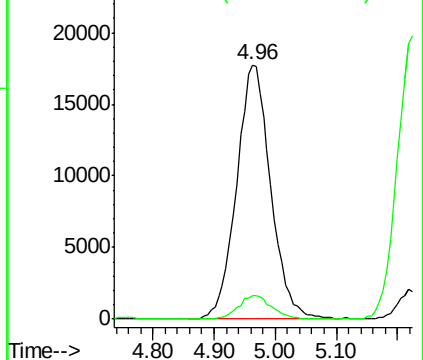
59 100

57 9.0 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 49.18 ug/l

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

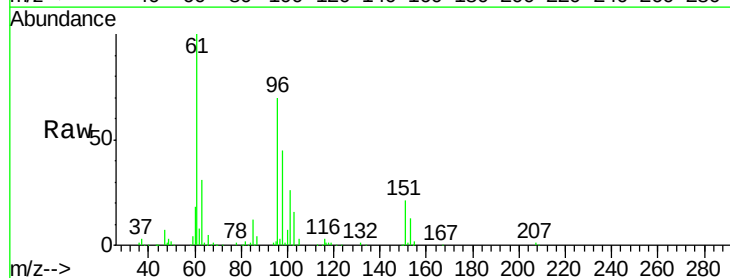
Tgt Ion: 96 Resp: 122737

Ion Ratio Lower Upper

96 100

61 142.3 112.6 168.8

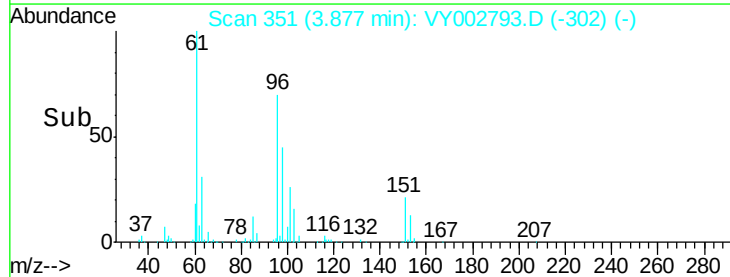
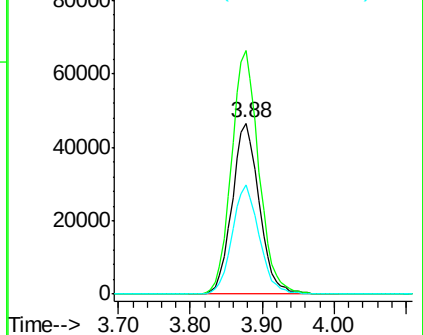
98 63.5 50.0 75.0

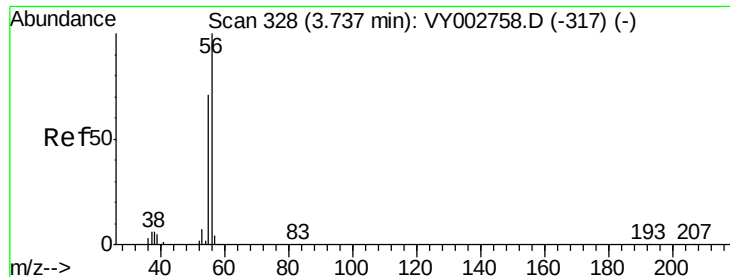


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 275.77 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

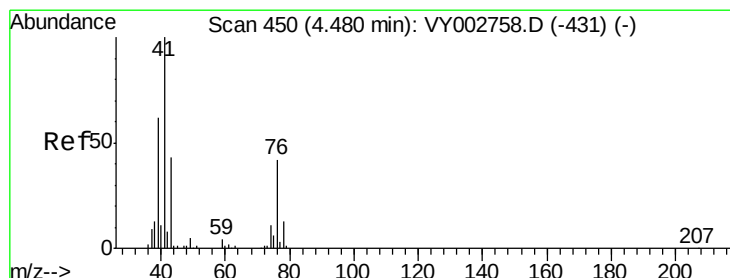
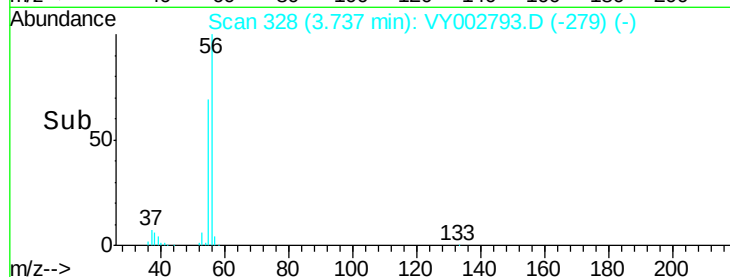
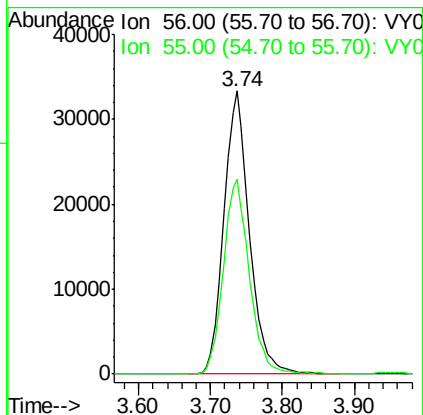
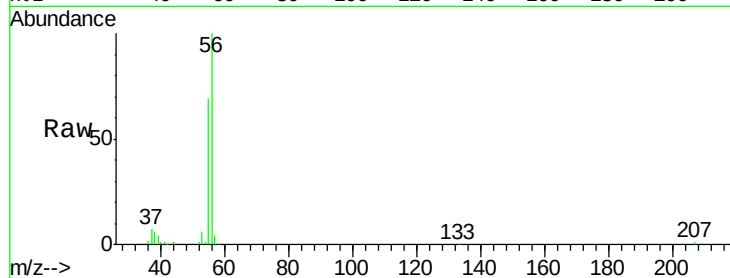
VSTDCCC050

Tgt Ion: 56 Resp: 82317

Ion Ratio Lower Upper

56 100

55 69.7 56.0 84.0



#14

Allyl chloride

Concen: 50.25 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

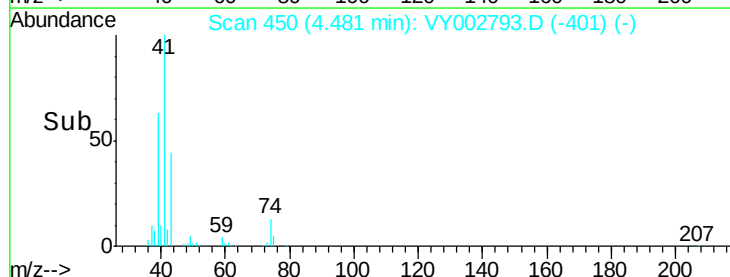
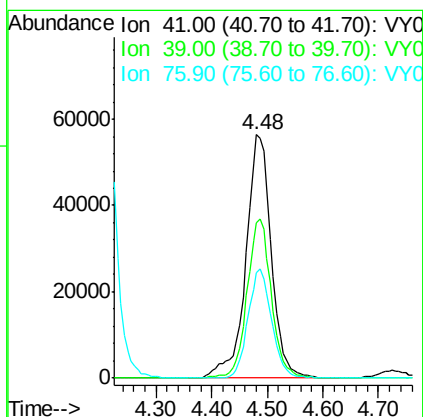
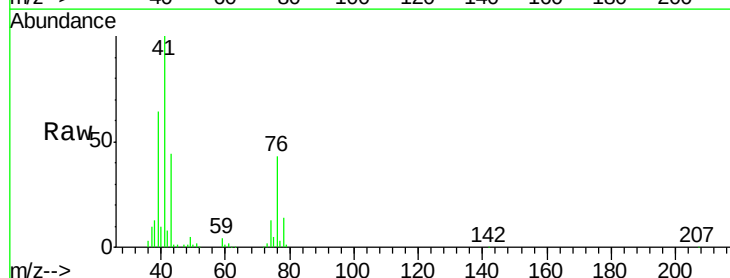
Tgt Ion: 41 Resp: 179849

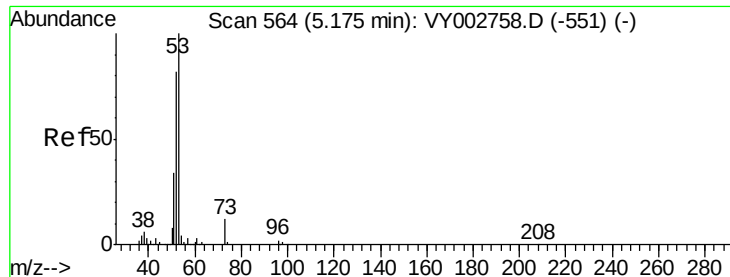
Ion Ratio Lower Upper

41 100

39 62.3 49.9 74.9

76 41.4 33.2 49.8





#15

Acrylonitrile

Concen: 257.35 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

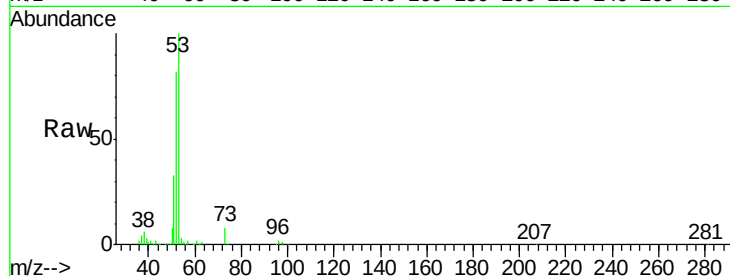
Tgt Ion: 53 Resp: 189471

Ion Ratio Lower Upper

53 100

52 81.6 65.3 97.9

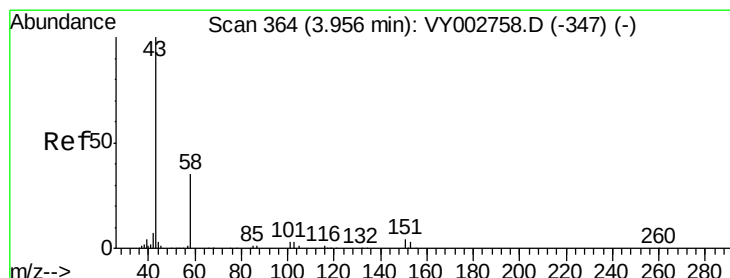
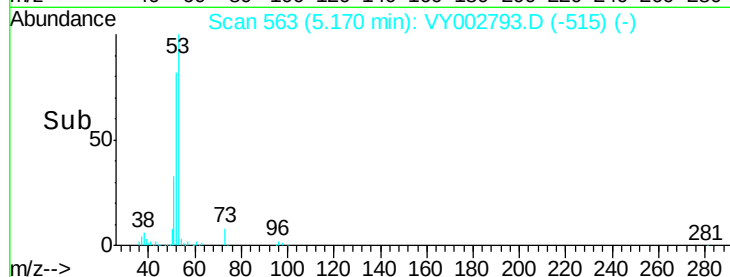
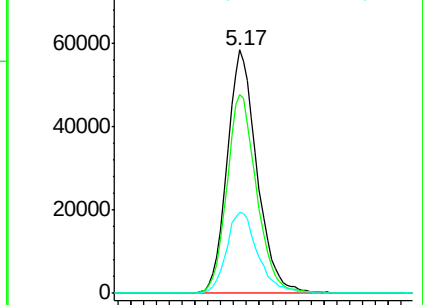
51 35.1 28.0 42.0



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: 288.14 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002793.D

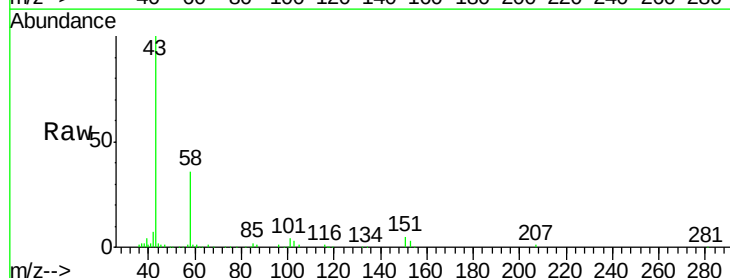
Acq: 29 May 2020 10:12

Tgt Ion: 43 Resp: 172099

Ion Ratio Lower Upper

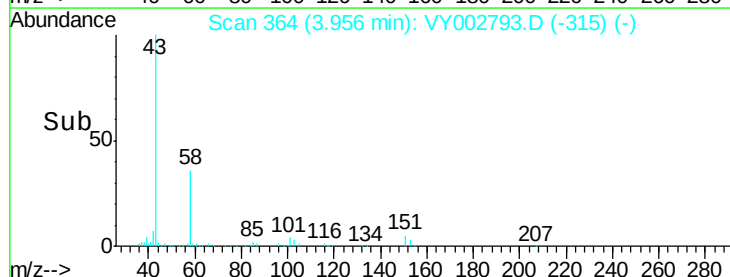
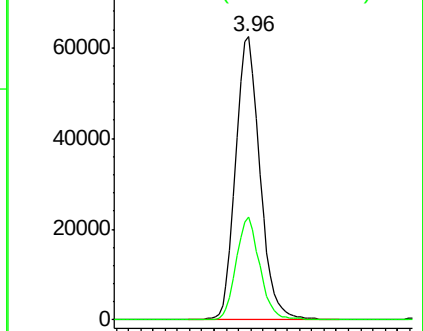
43 100

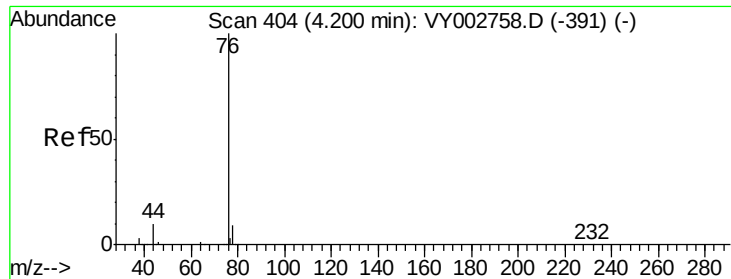
58 36.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

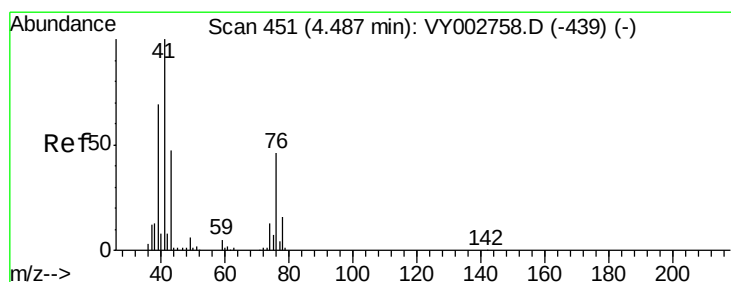
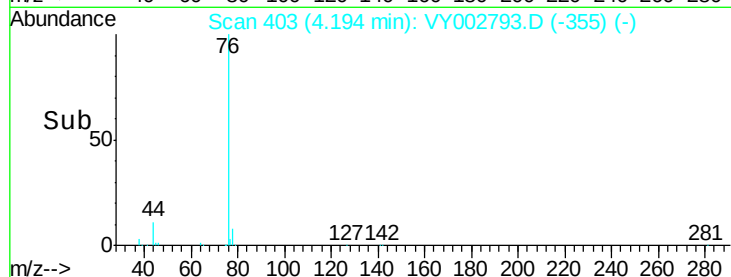
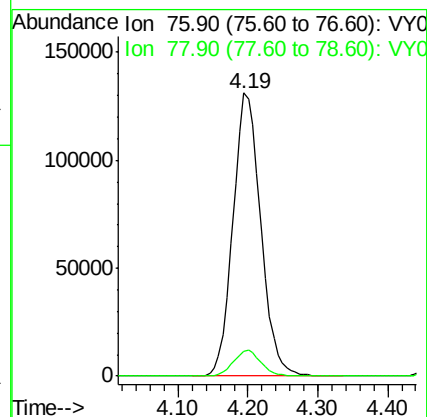
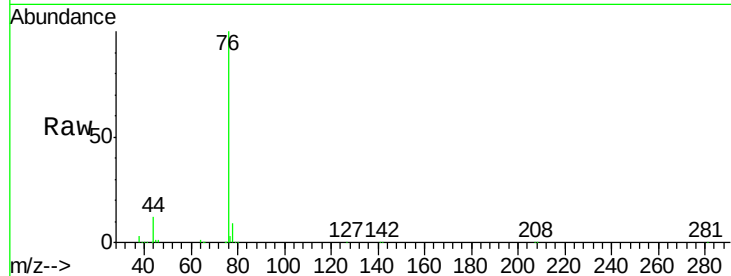




#17
Carbon Disulfide
Concen: 48.06 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

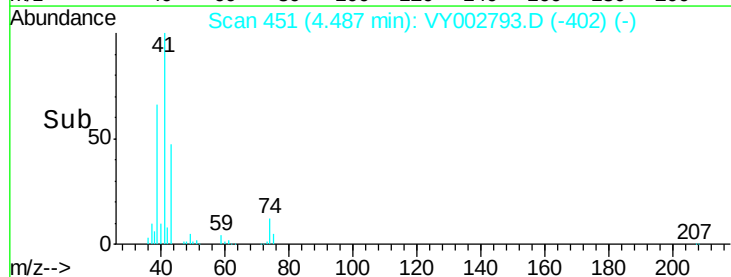
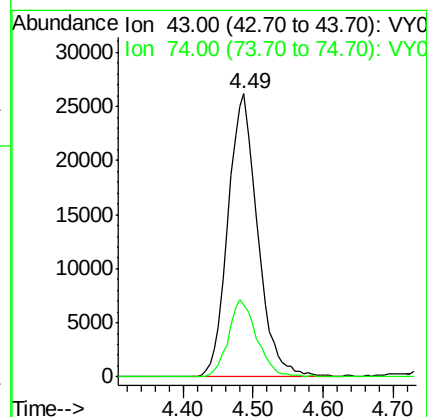
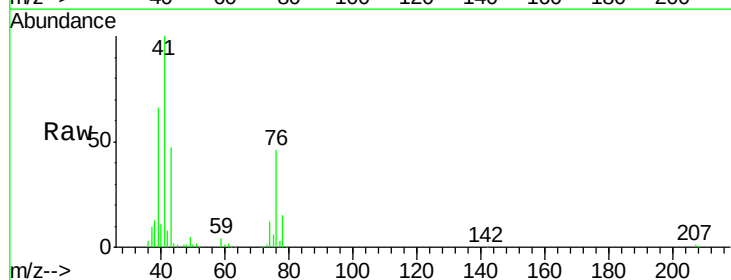
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

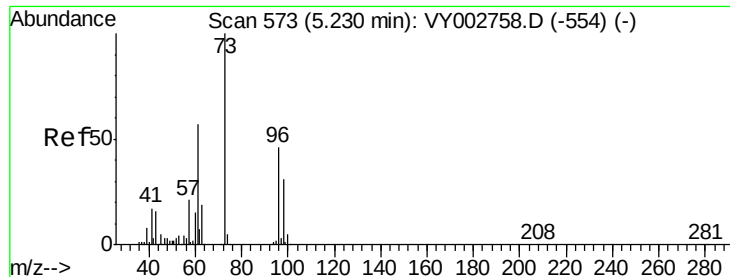
Tgt Ion: 76 Resp: 362438
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 51.57 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion: 43 Resp: 77241
Ion Ratio Lower Upper
43 100
74 26.1 21.4 32.0

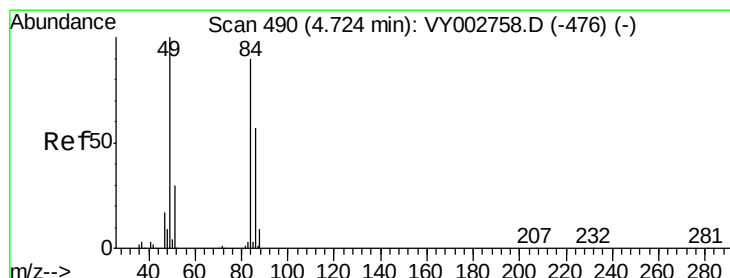
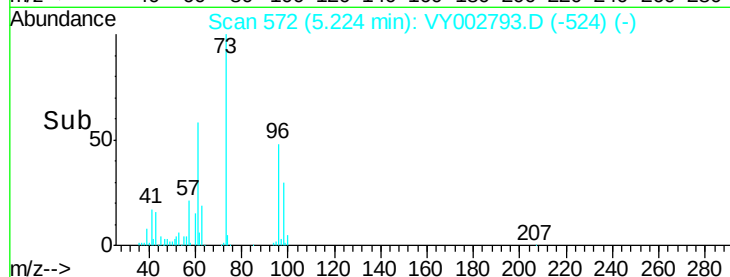
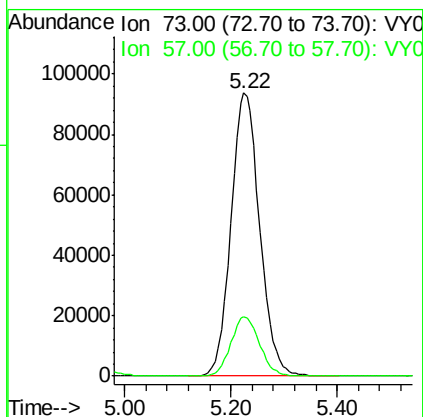
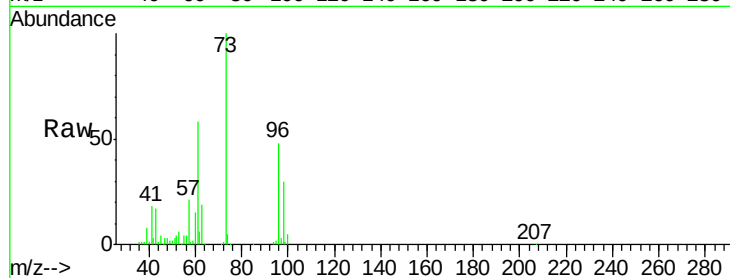




#19
Methyl tert-butyl Ether
Concen: 50.87 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

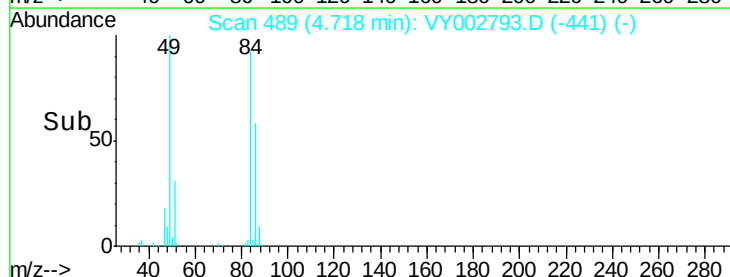
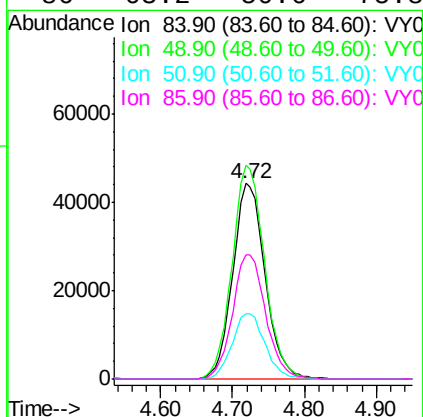
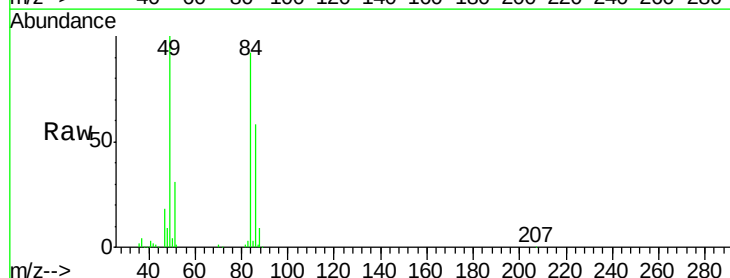
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

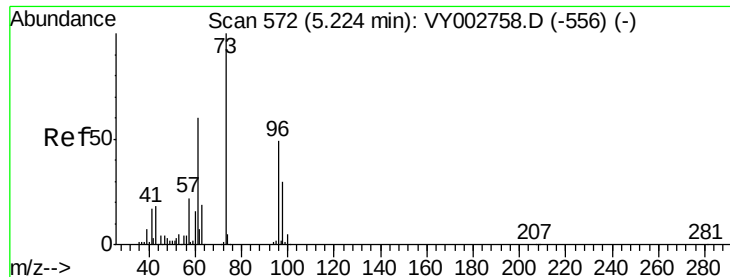
Tgt Ion: 73 Resp: 350459
Ion Ratio Lower Upper
73 100
57 21.1 17.0 25.4



#20
Methylene Chloride
Concen: 47.38 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion: 84 Resp: 138288
Ion Ratio Lower Upper
84 100
49 109.1 88.5 132.7
51 33.5 26.8 40.2
86 63.2 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 49.26 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

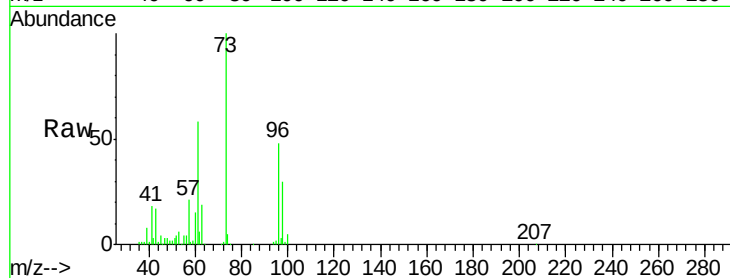
Tgt Ion: 96 Resp: 138249

Ion Ratio Lower Upper

96 100

61 121.6 96.8 145.2

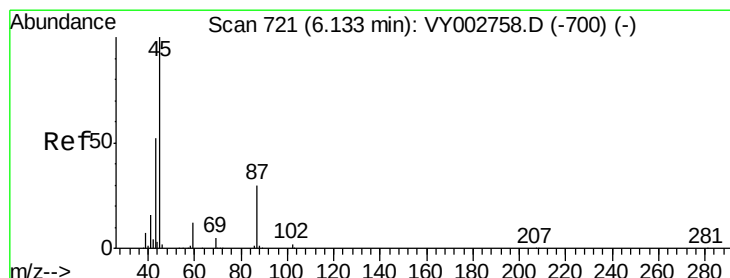
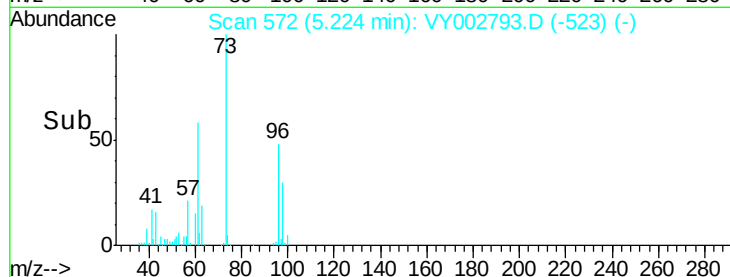
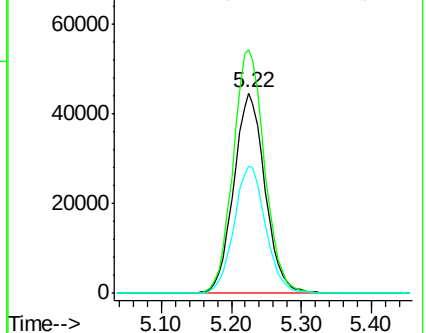
98 63.5 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VY002793.D (-523) (-)

Ion 60.90 (60.60 to 61.60): VY002793.D (-523) (-)

Ion 97.90 (97.60 to 98.60): VY002793.D (-523) (-)



#22

Diisopropyl ether

Concen: 50.74 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Tgt Ion: 45 Resp: 377383

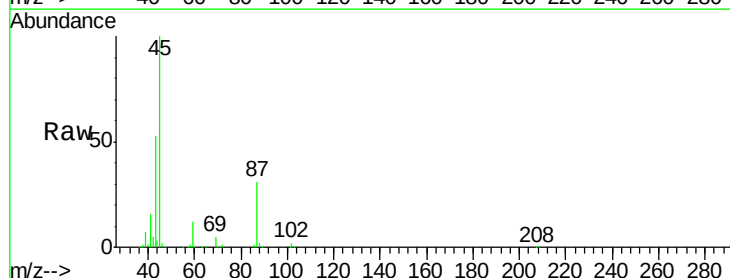
Ion Ratio Lower Upper

45 100

43 53.2 41.7 62.5

87 31.4 24.2 36.2

59 12.0 9.8 14.8

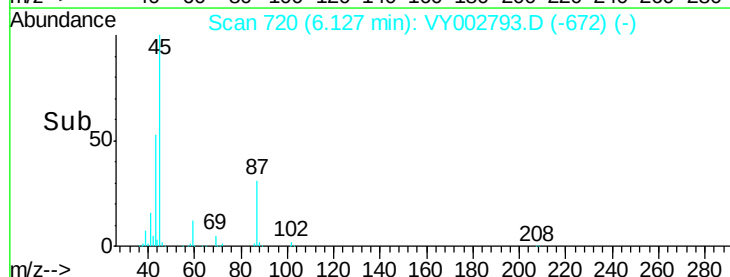
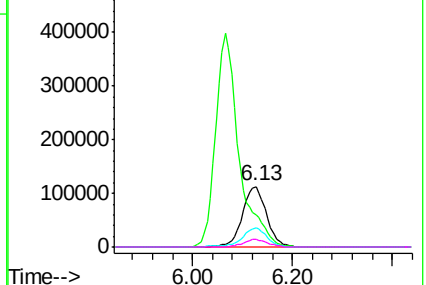


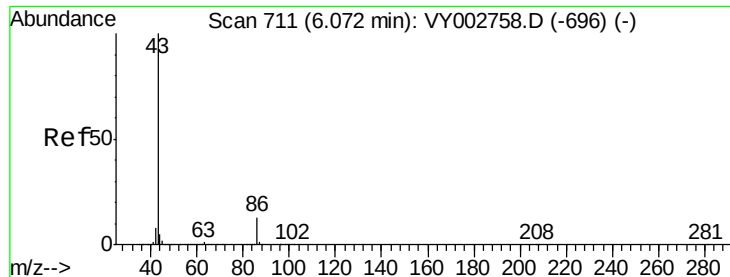
Abundance Ion 45.00 (44.70 to 45.70): VY002793.D (-672) (-)

Ion 43.00 (42.70 to 43.70): VY002793.D (-672) (-)

Ion 87.00 (86.70 to 87.70): VY002793.D (-672) (-)

Ion 59.00 (58.70 to 59.70): VY002793.D (-672) (-)

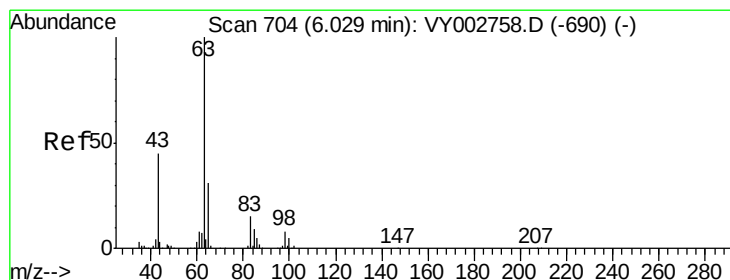
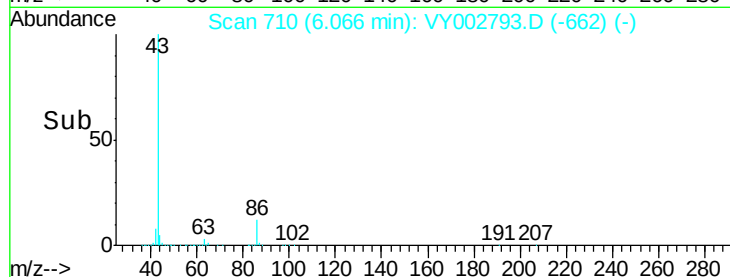
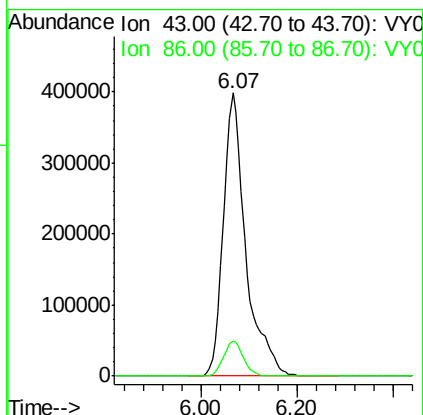
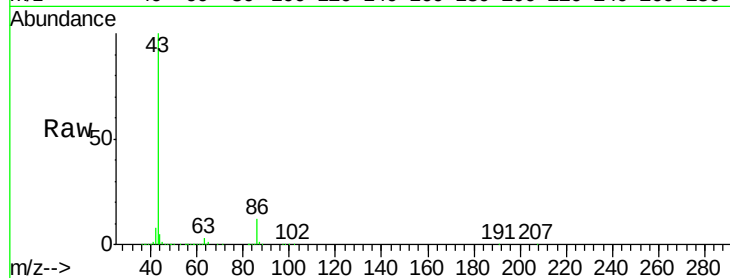




#23
 Vinyl Acetate
 Concen: 263.75 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

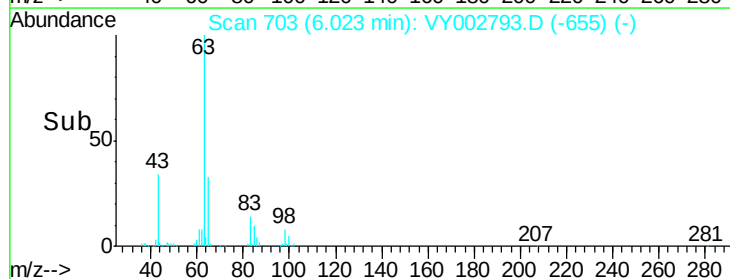
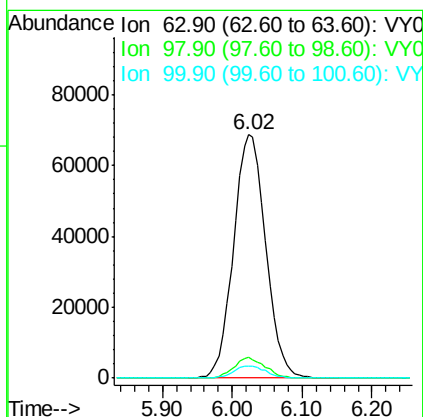
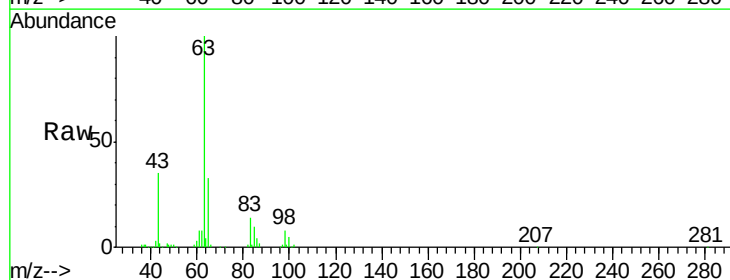
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

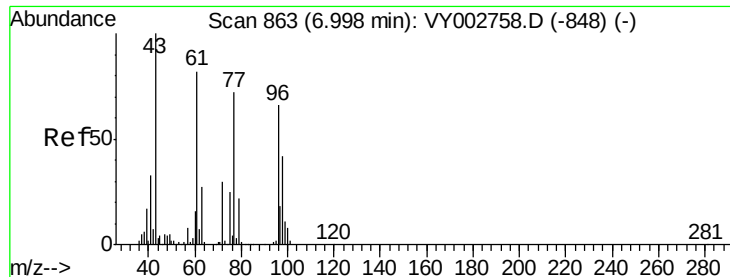
Tgt Ion: 43 Resp: 1295192
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 50.37 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Tgt Ion: 63 Resp: 219168
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 12.2
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 264.70 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

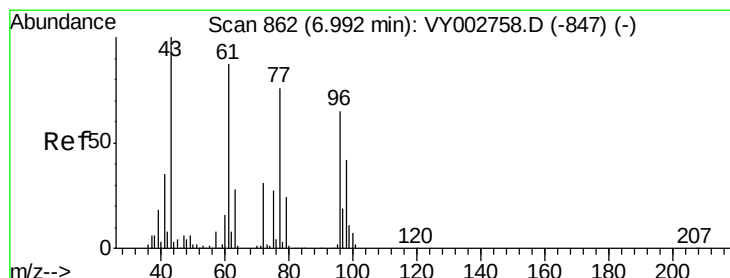
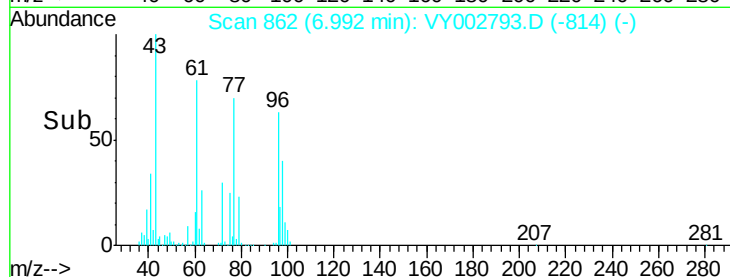
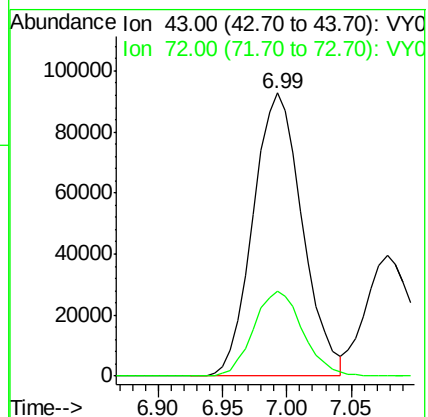
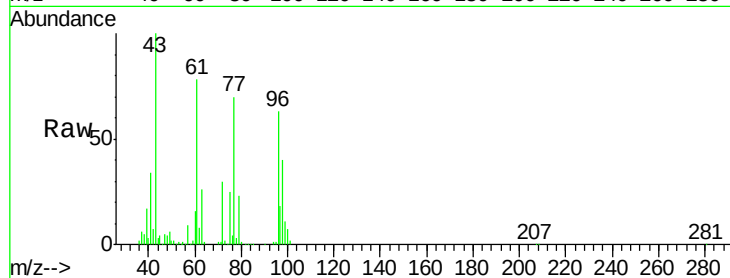
VSTDCCC050

Tgt Ion: 43 Resp: 246321

Ion Ratio Lower Upper

43 100

72 30.0 23.9 35.9



#26

2,2-Dichloropropane

Concen: 48.89 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002793.D

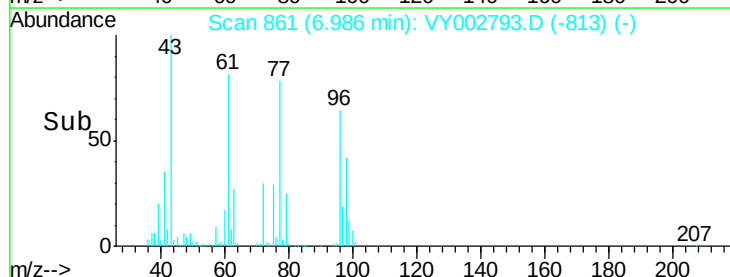
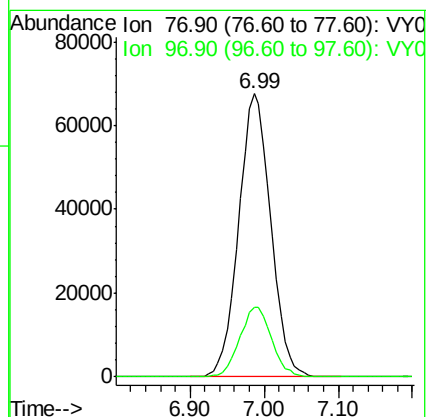
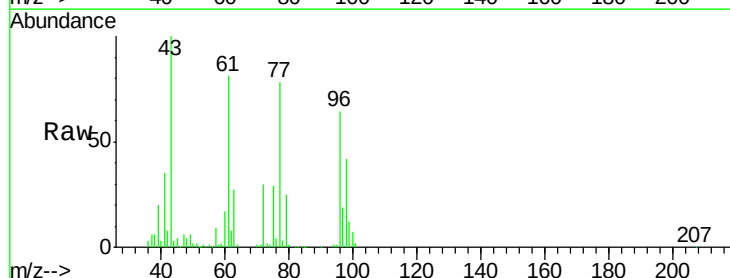
Acq: 29 May 2020 10:12

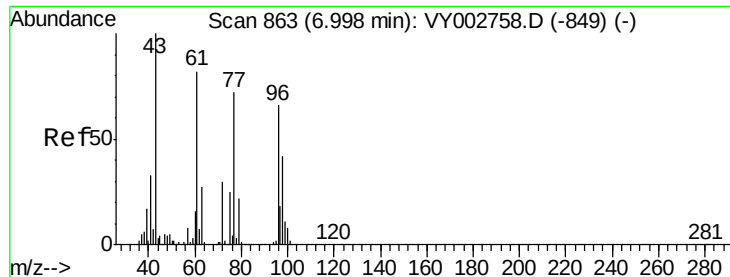
Tgt Ion: 77 Resp: 203995

Ion Ratio Lower Upper

77 100

97 24.5 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 49.31 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

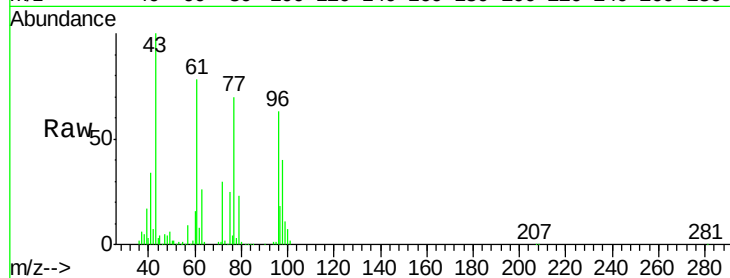
Tgt Ion: 96 Resp: 154910

Ion Ratio Lower Upper

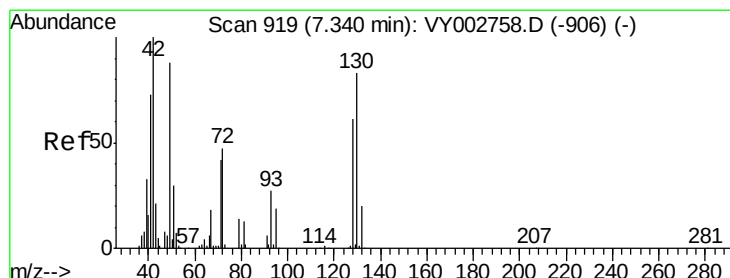
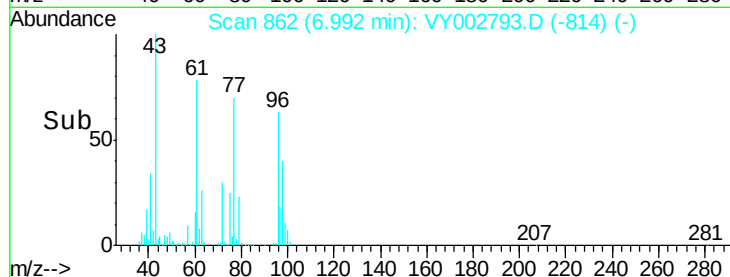
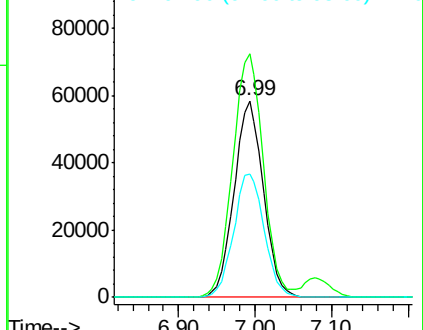
96 100

61 129.8 0.0 260.2

98 65.4 0.0 128.2



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



#28

Bromochloromethane

Concen: 48.35 ug/l

RT: 7.34 min Scan# 919

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

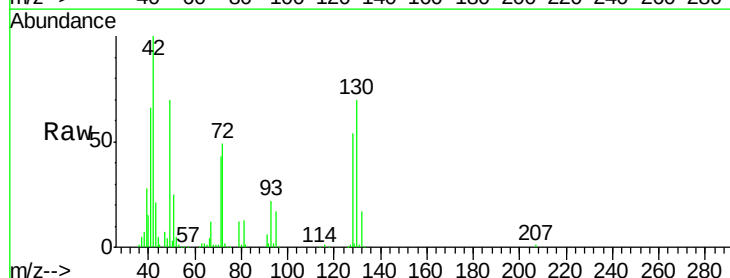
Tgt Ion: 49 Resp: 86368

Ion Ratio Lower Upper

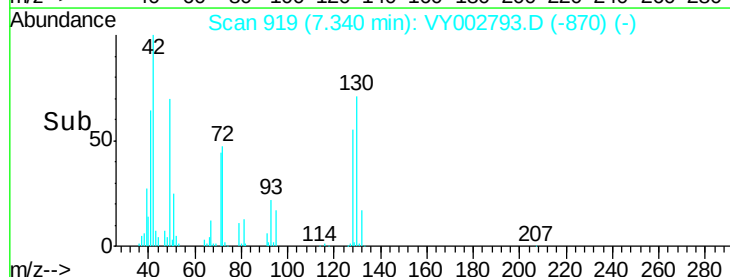
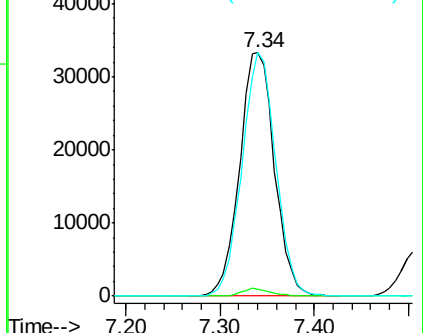
49 100

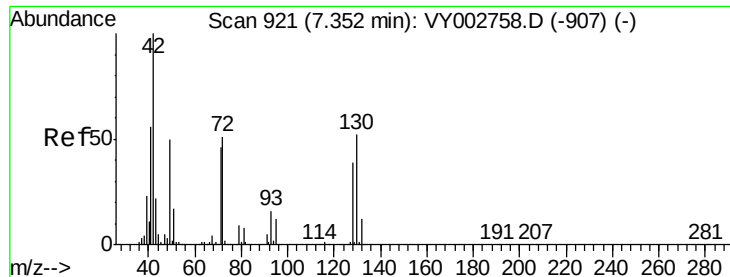
129 2.6 0.0 5.2

130 96.8 77.1 115.7



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

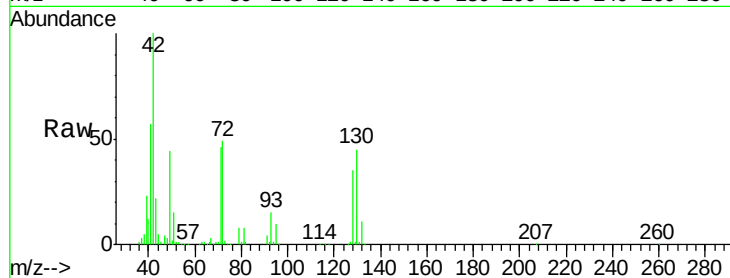




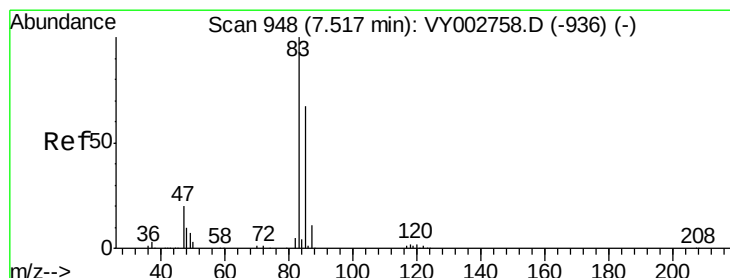
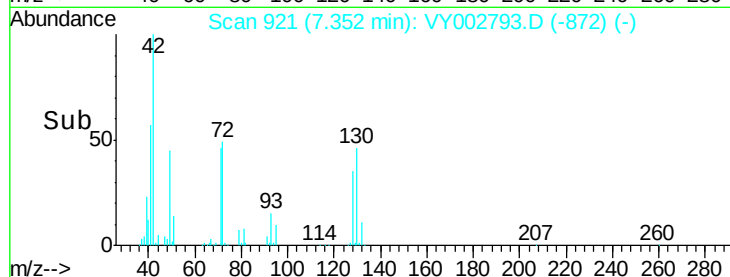
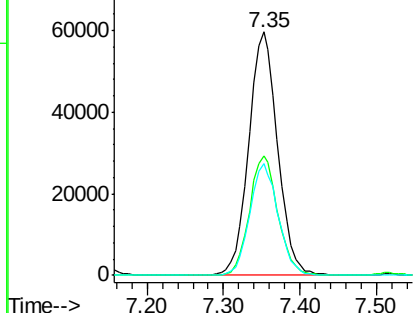
#29
Tetrahydrofuran
Concen: 259.32 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.3	38.6	58.0
71	45.0	35.8	53.8

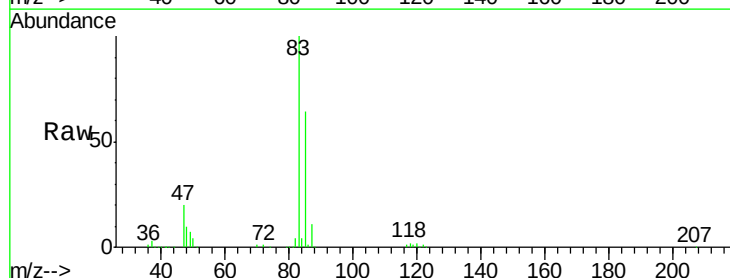


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

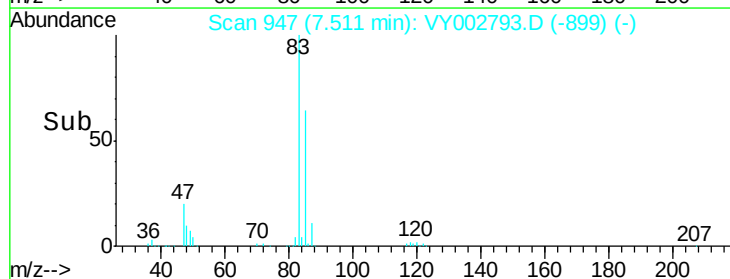
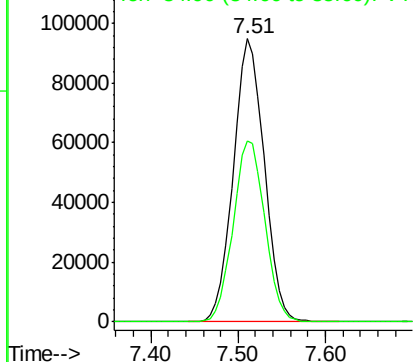


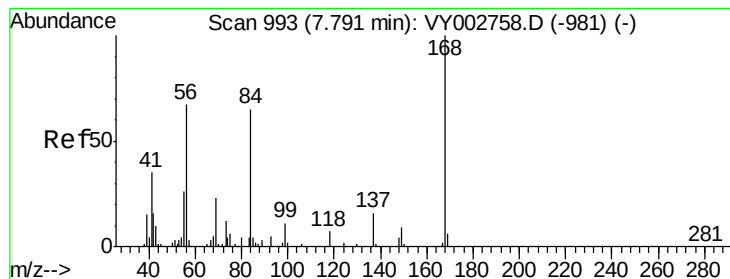
#30
Chloroform
Concen: 50.48 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	53.8	80.8



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





#31

Cyclohexane

Concen: 47.38 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

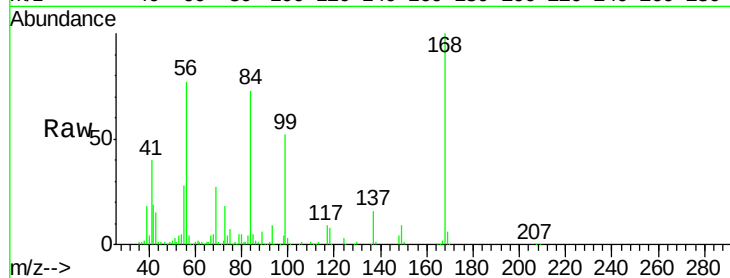
Tgt Ion: 56 Resp: 204697

Ion Ratio Lower Upper

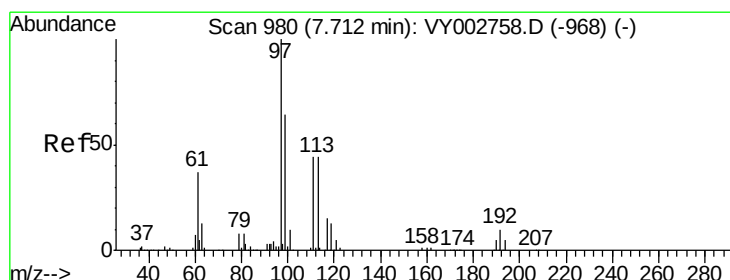
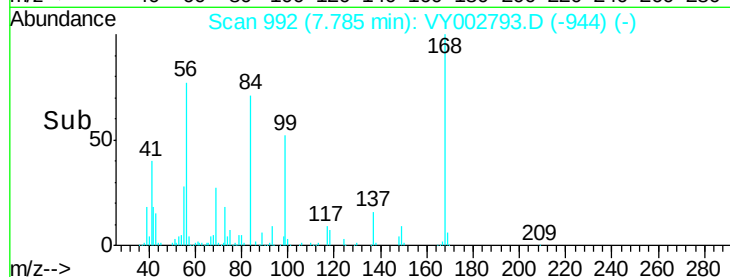
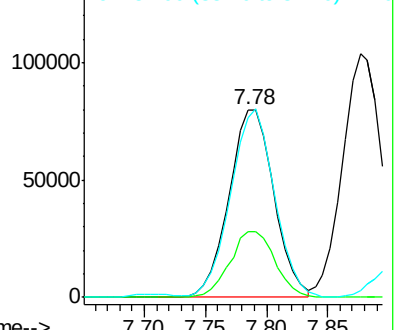
56 100

69 35.1 28.0 42.0

84 93.7 77.7 116.5



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: 49.96 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

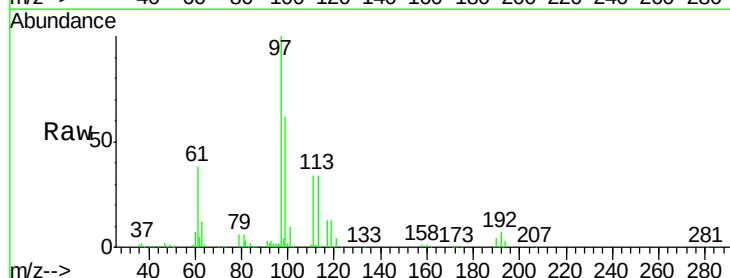
Tgt Ion: 97 Resp: 214968

Ion Ratio Lower Upper

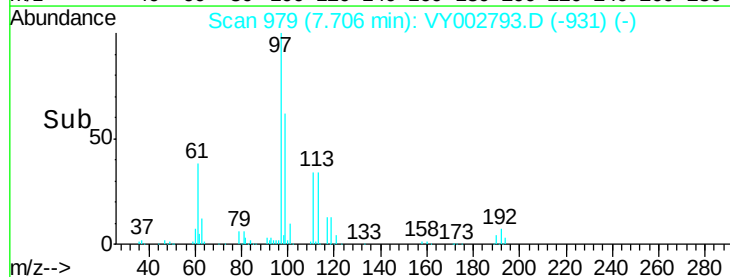
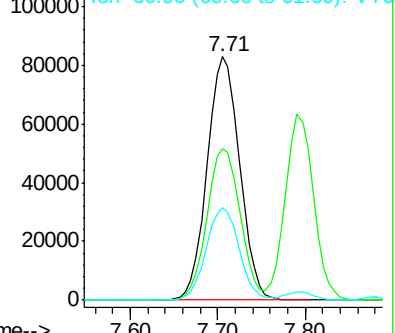
97 100

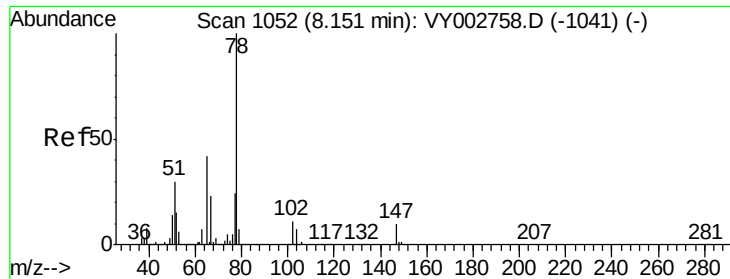
99 63.8 51.4 77.0

61 38.4 30.1 45.1



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

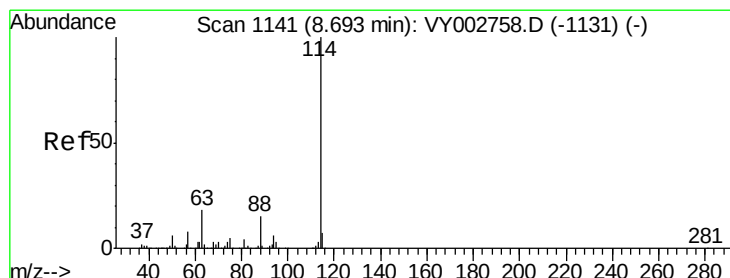
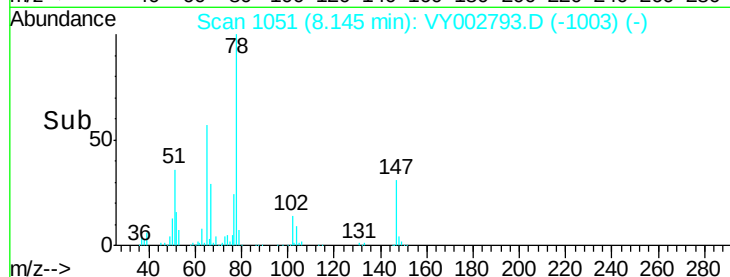
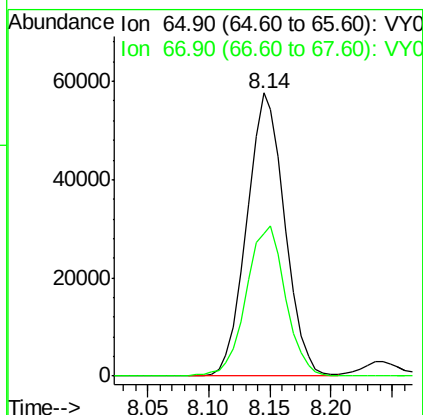
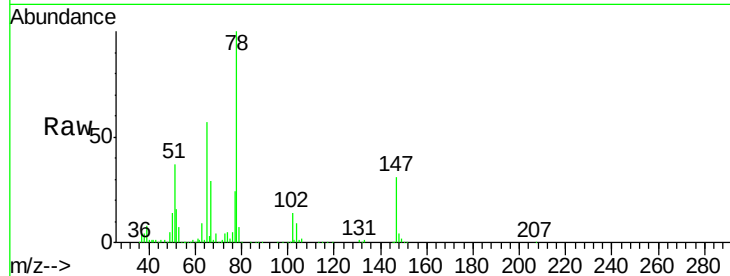




#33
 1,2-Dichloroethane-d4
 Concen: 48.77 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

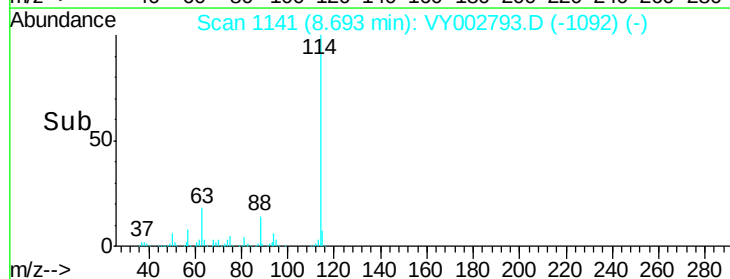
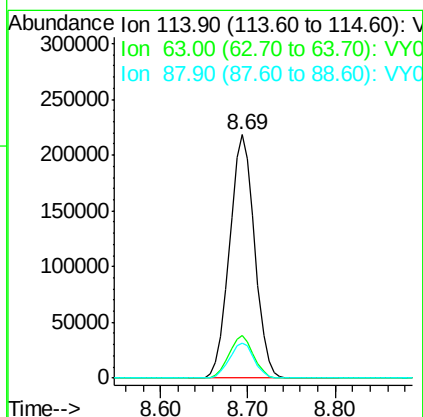
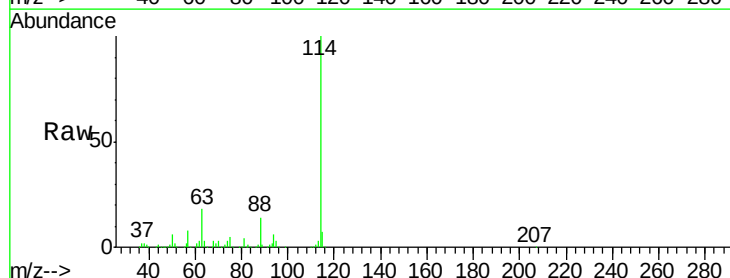
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

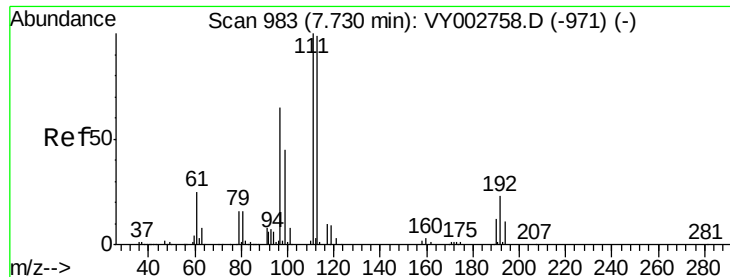
Tgt Ion: 65 Resp: 124214
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Tgt Ion: 114 Resp: 432662
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 14.2 0.0 29.2

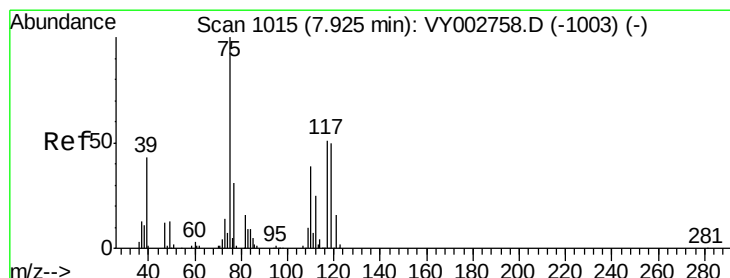
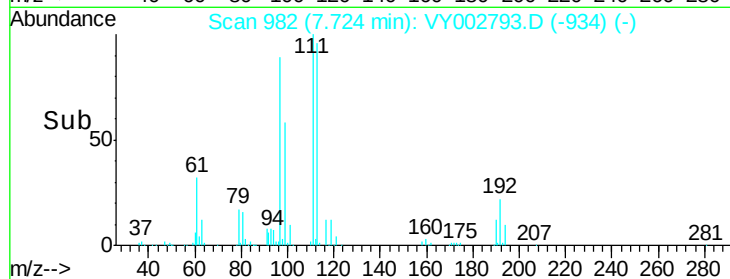
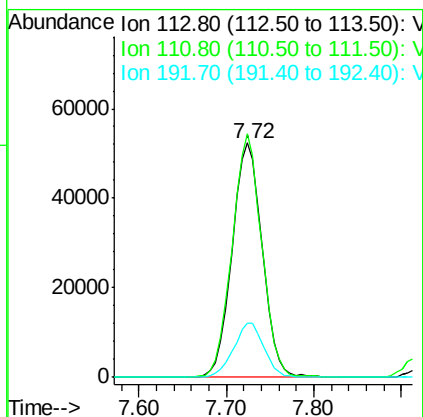
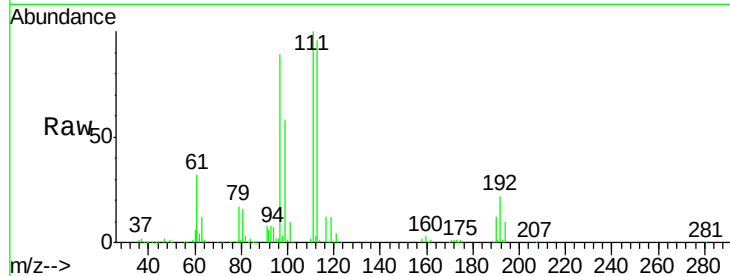




#35
 Dibromofluoromethane
 Concen: 49.47 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

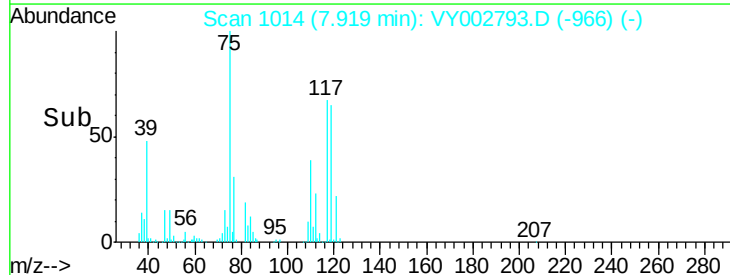
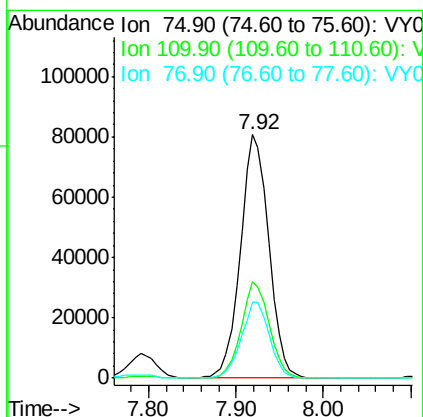
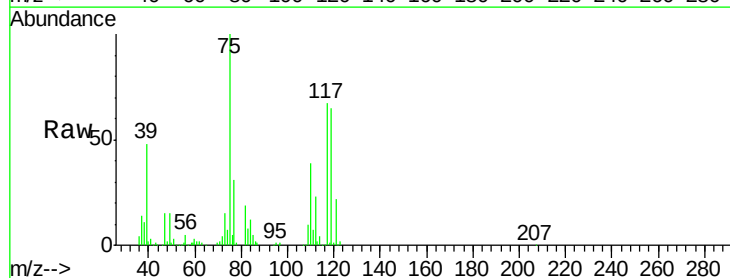
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

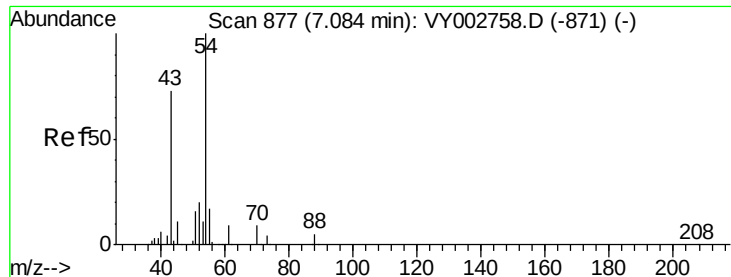
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	23.2	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 49.85 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.3	57.9
77	30.8	24.8	37.2

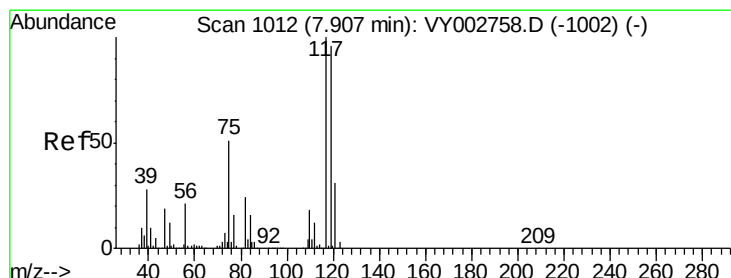
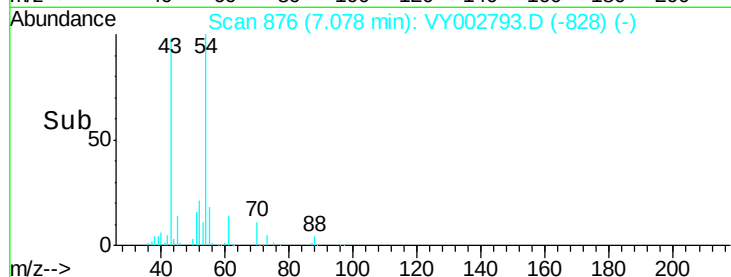
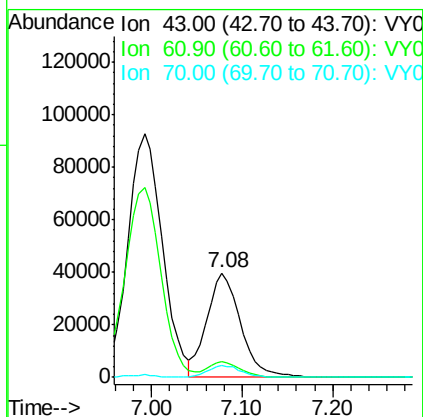
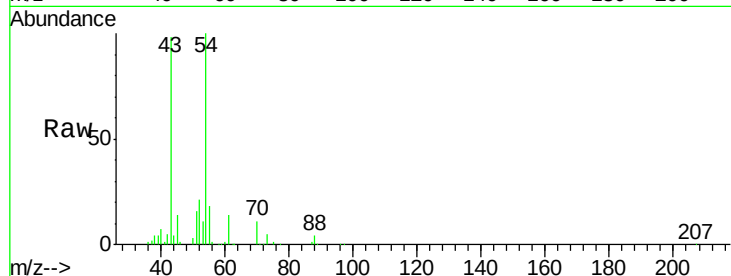




#37
Ethyl Acetate
 Concen: 52.12 ug/l
 RT: 7.08 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

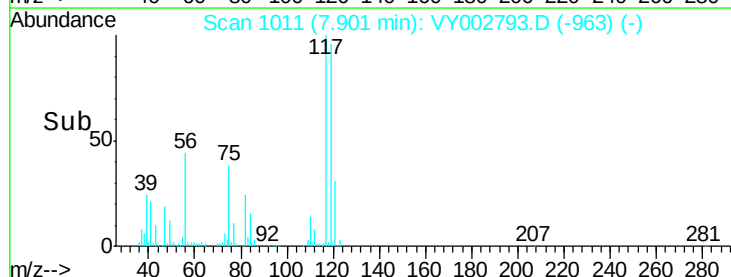
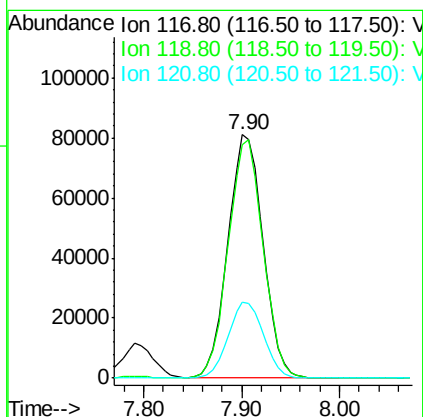
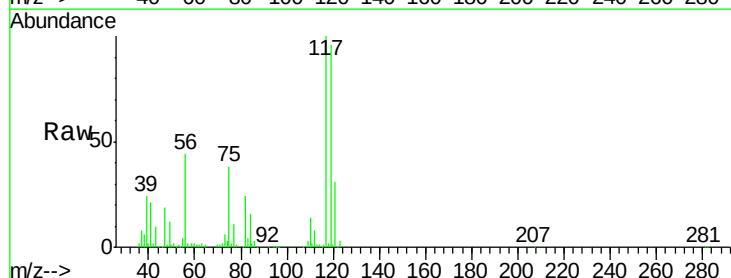
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

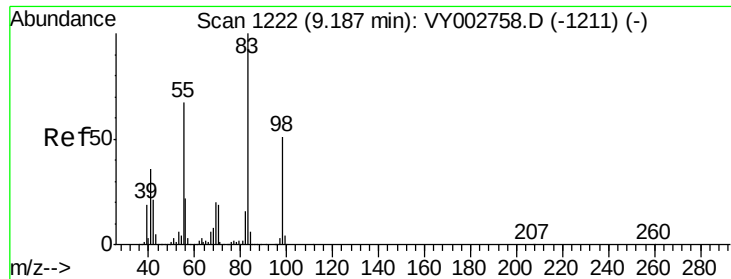
Tgt Ion: 43 Resp: 103346
 Ion Ratio Lower Upper
 43 100
 61 13.8 11.9 17.9
 70 11.1 9.1 13.7



#38
Carbon Tetrachloride
 Concen: 49.99 ug/l
 RT: 7.90 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Tgt Ion: 117 Resp: 202396
 Ion Ratio Lower Upper
 117 100
 119 95.9 76.8 115.2
 121 31.0 24.8 37.2

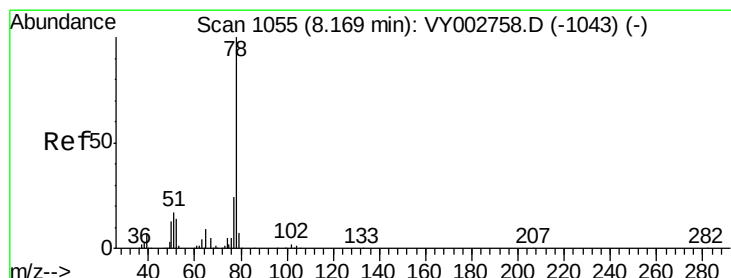
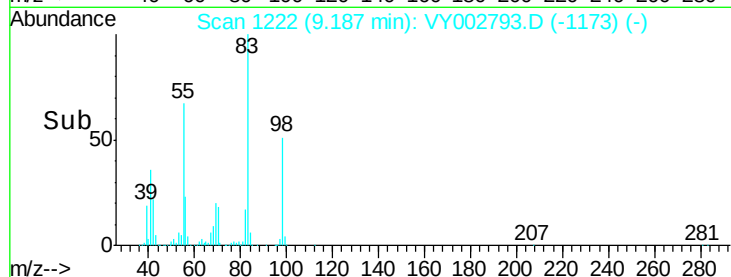
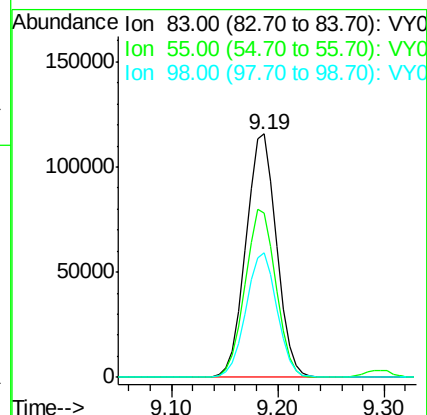
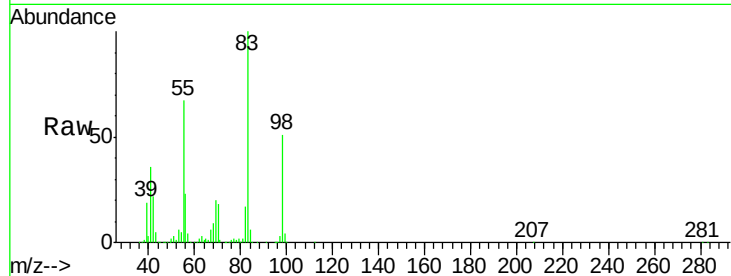




#39
Methylcyclohexane
Concen: 48.79 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

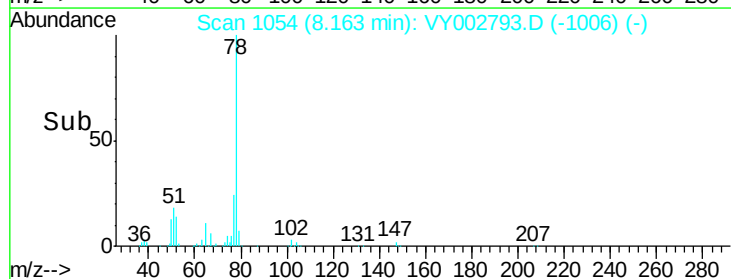
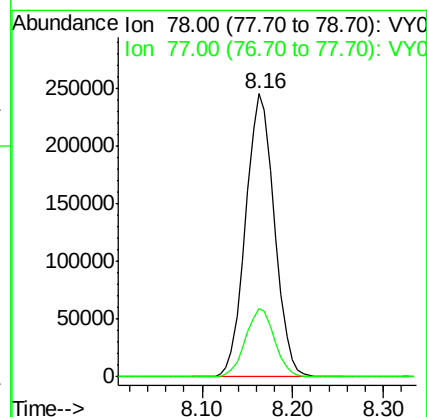
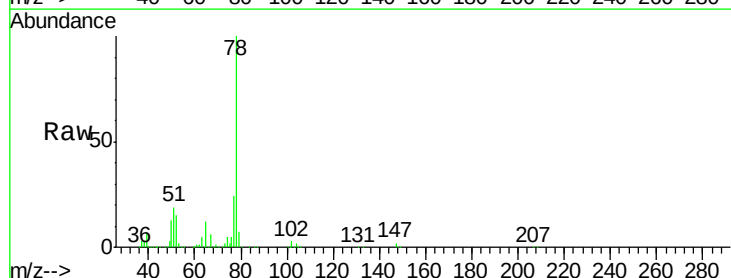
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

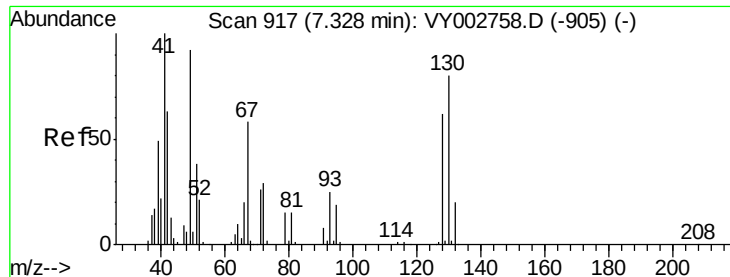
Tgt Ion: 83 Resp: 234372
Ion Ratio Lower Upper
83 100
55 67.5 53.3 79.9
98 51.4 41.1 61.7



#40
Benzene
Concen: 50.01 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion: 78 Resp: 538558
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

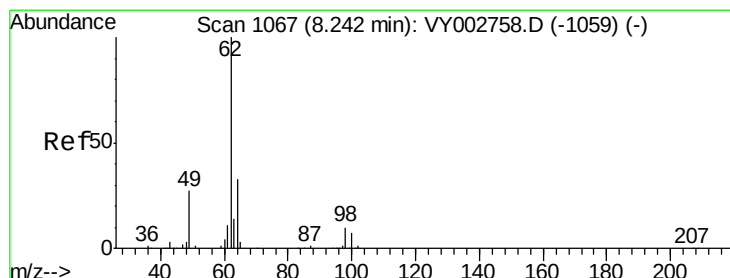
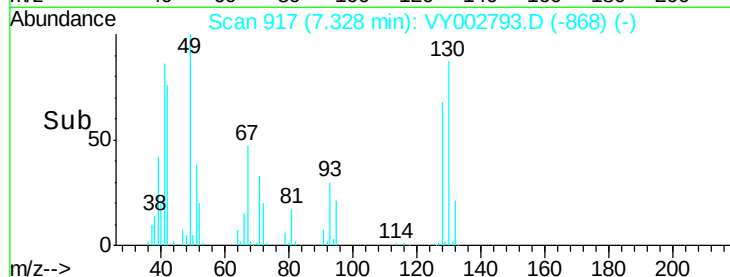
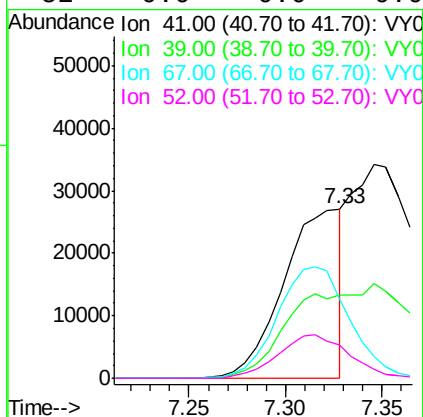
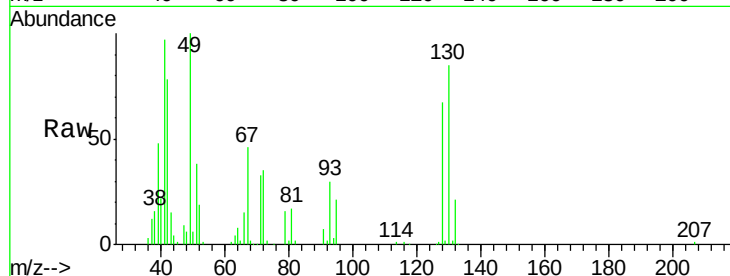




#41
Methacrylonitrile
Concen: 53.32 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

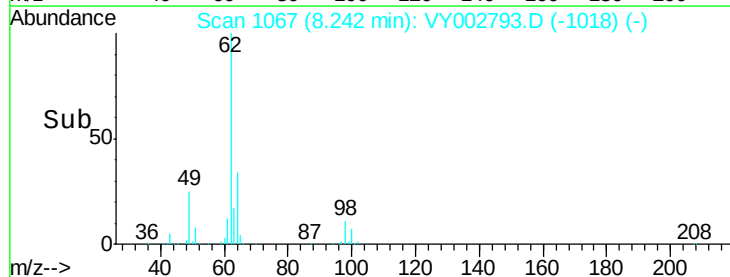
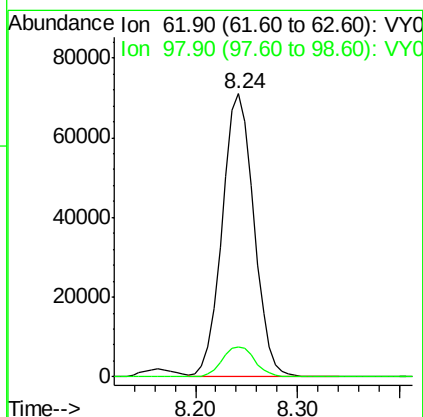
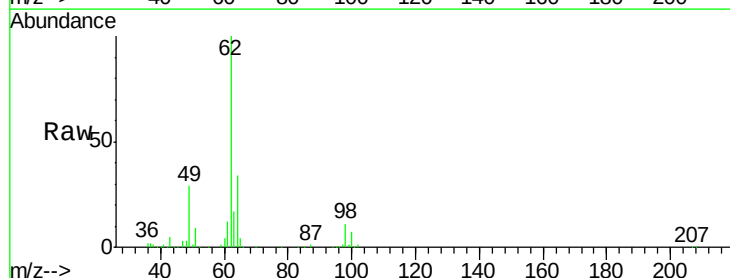
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

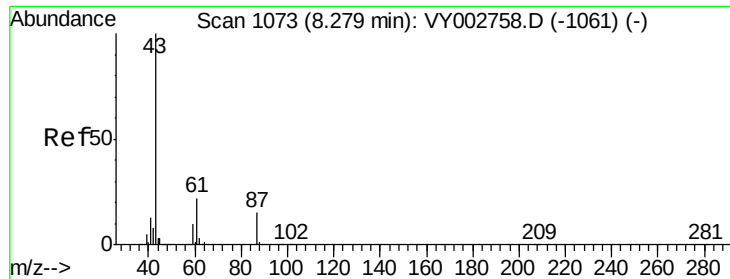
Tgt Ion:	41	Resp:	56802
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.65 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion:	62	Resp:	152860
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.6





#43

Isopropyl Acetate

Concen: 51.60 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

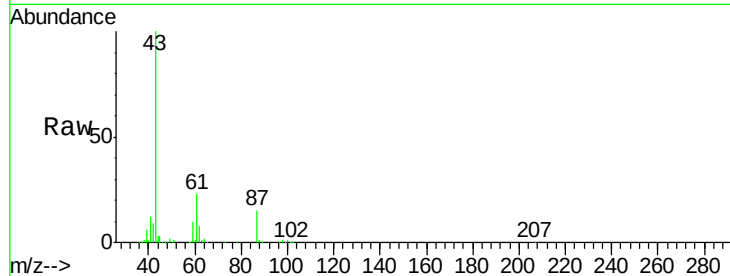
Tgt Ion: 43 Resp: 193917

Ion Ratio Lower Upper

43 100

61 30.9 24.8 37.2

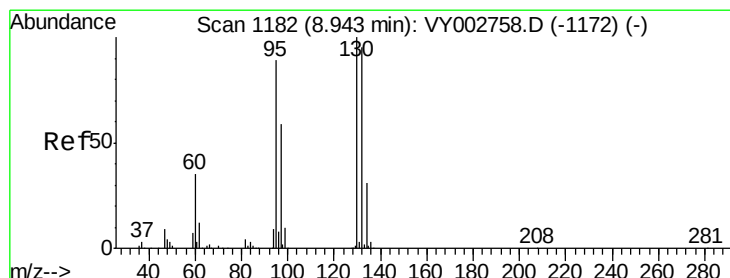
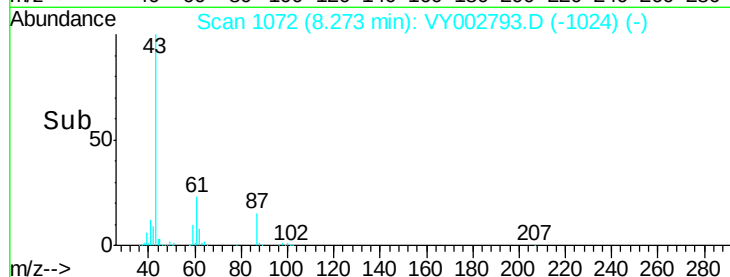
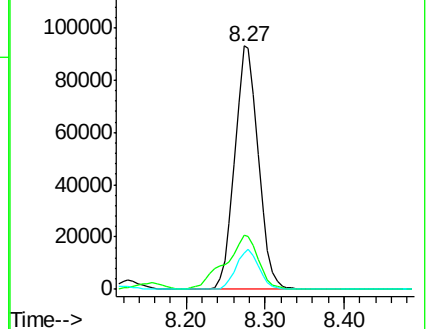
87 15.9 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002793.D (-1072) (-)

Ion 61.00 (60.70 to 61.70): VY002793.D (-1072) (-)

Ion 87.00 (86.70 to 87.70): VY002793.D (-1072) (-)



#44

Trichloroethene

Concen: 49.94 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002793.D

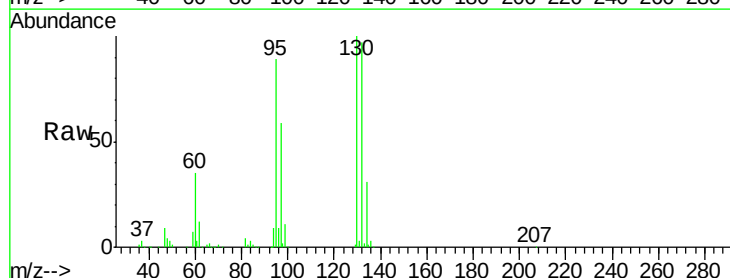
Acq: 29 May 2020 10:12

Tgt Ion: 130 Resp: 169868

Ion Ratio Lower Upper

130 100

95 88.8 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002793.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY002793.D (-1182) (-)

