

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
 Data File : VY003175.D
 Acq On : 10 Jul 2020 19:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 11 06:04:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	481607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	713159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	661832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	343999	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	199225	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	7.72	113	193284	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
50) Toluene-d8	10.18	98	710738	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
62) 4-Bromofluorobenzene	12.48	95	260901	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	155007	44.906	ug/l	100
3) Chloromethane	2.12	50	238337	49.778	ug/l	99
4) Vinyl Chloride	2.26	62	239144	48.680	ug/l	98
5) Bromomethane	2.65	94	183081	50.175	ug/l	99
6) Chloroethane	2.80	64	159180	49.334	ug/l	100
7) Trichlorofluoromethane	3.13	101	340793	48.577	ug/l	98
8) Diethyl Ether	3.54	74	122254	52.004	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	209542	49.454	ug/l	98
10) Methyl Iodide	4.10	142	226562	49.217	ug/l	100
11) Tert butyl alcohol	4.97	59	103178	234.736	ug/l	98
12) 1,1-Dichloroethene	3.88	96	195551	48.795	ug/l	99
13) Acrolein	3.74	56	79422	208.175	ug/l	99
14) Allyl chloride	4.49	41	305150	51.315	ug/l	98
15) Acrylonitrile	5.18	53	291692	258.301	ug/l	98
16) Acetone	3.96	43	225921	248.816	ug/l	95
17) Carbon Disulfide	4.20	76	607810	49.425	ug/l	100
18) Methyl Acetate	4.49	43	127868	50.709	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	595155	52.993	ug/l	98
20) Methylene Chloride	4.72	84	245070	54.094	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	230449	50.840	ug/l	95
22) Diisopropyl ether	6.13	45	716166	54.264	ug/l	99
23) Vinyl Acetate	6.07	43	2364236	268.766	ug/l	99
24) 1,1-Dichloroethane	6.03	63	399277	52.220	ug/l	99
25) 2-Butanone	6.99	43	382338	256.461	ug/l	96
26) 2,2-Dichloropropane	6.99	77	332229	48.248	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	260305	52.158	ug/l	100
28) Bromochloromethane	7.34	49	167575	50.621	ug/l	98
29) Tetrahydrofuran	7.35	42	257928	257.538	ug/l	99
30) Chloroform	7.51	83	412418	52.370	ug/l	100
31) Cyclohexane	7.79	56	353813	47.854	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	362281	51.101	ug/l	99
36) 1,1-Dichloropropene	7.93	75	316144	48.912	ug/l	100
37) Ethyl Acetate	7.08	43	180610	51.887	ug/l	98
38) Carbon Tetrachloride	7.91	117	325164	48.730	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	389945	48.025	ug/l	95
40) Benzene	8.17	78	894760	50.275	ug/l	97
41) Methacrylonitrile	7.35	41	239174	114.088	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	278175	50.770	ug/l	99
43) Isopropyl Acetate	8.28	43	351241	52.131	ug/l	100
44) Trichloroethene	8.94	130	271187	49.706	ug/l	95
45) 1,2-Dichloropropane	9.22	63	233881	50.787	ug/l	97
46) Dibromomethane	9.31	93	137920	51.277	ug/l	99
47) Bromodichloromethane	9.50	83	331703	51.853	ug/l	98
48) Methyl methacrylate	9.30	41	158319	52.561	ug/l	100
49) 1,4-Dioxane	9.30	88	33652	985.802	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	912464	260.555	ug/l	99
52) Toluene	10.24	92	578852	50.886	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	346560	52.288	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	389899	51.057	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	195610	51.322	ug/l	98
56) Ethyl methacrylate	10.51	69	281114	54.251	ug/l	98
57) 1,3-Dichloropropane	10.79	76	331331	51.270	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	651728	246.616	ug/l	100
59) 2-Hexanone	10.83	43	637138	260.625	ug/l	99
60) Dibromochloromethane	10.99	129	251415	52.446	ug/l	100
61) 1,2-Dibromoethane	11.09	107	191909	51.016	ug/l	99
64) Tetrachloroethene	10.72	164	291531	49.403	ug/l	98
65) Chlorobenzene	11.52	112	640295	50.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	253428	51.177	ug/l	99
67) Ethyl Benzene	11.59	91	1146344	50.356	ug/l	99
68) m/p-Xylenes	11.70	106	859864	99.549	ug/l	98
69) o-Xylene	12.03	106	412875	51.165	ug/l	100
70) Styrene	12.04	104	712161	51.591	ug/l	100
71) Bromoform	12.20	173	167772	51.620	ug/l #	100
73) Isopropylbenzene	12.33	105	1109001	50.589	ug/l	99
74) N-amyl acetate	12.14	43	337348	54.844	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	216496	51.134	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	303733	99.749	ug/l #	100
77) Bromobenzene	12.61	156	289478	51.804	ug/l	99
78) n-propylbenzene	12.67	91	1307207	50.588	ug/l	100
79) 2-Chlorotoluene	12.75	91	742005	51.466	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	927417	50.759	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	80999	51.770	ug/l	96
82) 4-Chlorotoluene	12.85	91	776356	51.591	ug/l	100
83) tert-Butylbenzene	13.07	119	816043	50.618	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	936068	50.919	ug/l	99
85) sec-Butylbenzene	13.25	105	1121110	50.596	ug/l	99
86) p-Isopropyltoluene	13.37	119	1030169	49.792	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	539370	51.042	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	534223	51.063	ug/l	100
89) n-Butylbenzene	13.70	91	973757	50.037	ug/l	100
90) Hexachloroethane	13.96	117	194618	51.654	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	480376	51.802	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	33931	49.433	ug/l	95

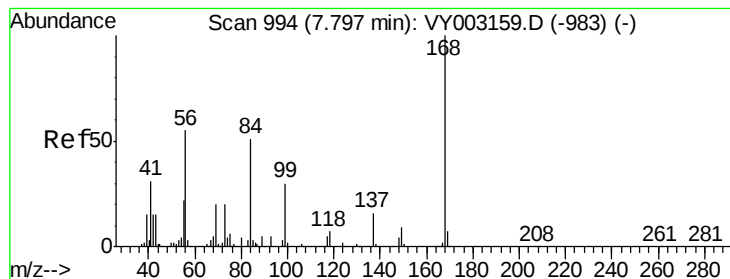
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	335166	50.805	ug/l	100
94) Hexachlorobutadiene	15.11	225	220938	48.875	ug/l	98
95) Naphthalene	15.23	128	565852	51.900	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	261457	50.136	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. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

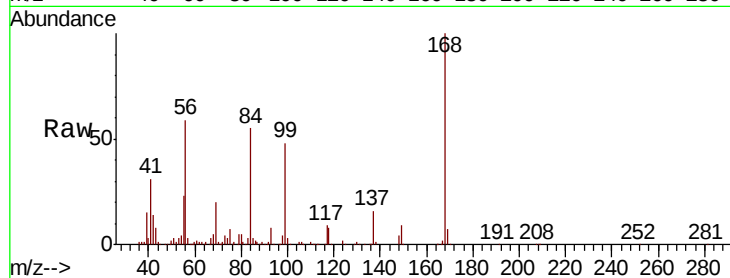
VSTDCCC050EC

Tot Ion:168 Resp: 481607

Ion Ratio Lower Upper

168 100

99 48.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003175.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003175.D (-945) (-)

7.80

250000

200000

150000

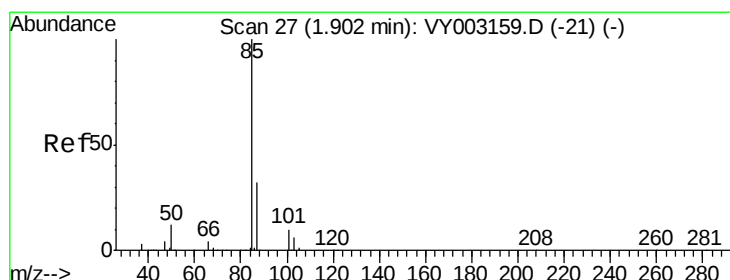
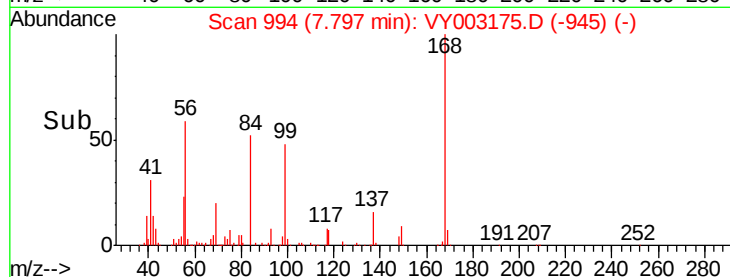
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 44.906 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003175.D

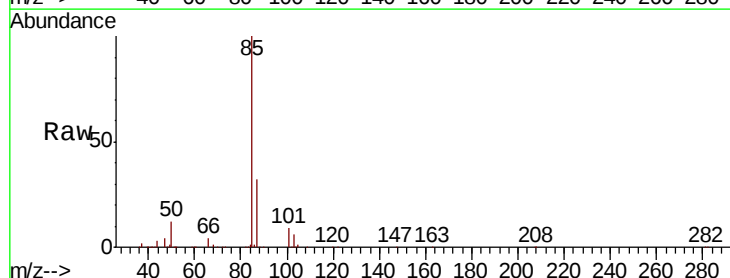
Acq: 10 Jul 2020 19:58

Tgt Ion: 85 Resp: 155007

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003175.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003175.D (-1) (-)

1.91

120000

100000

80000

60000

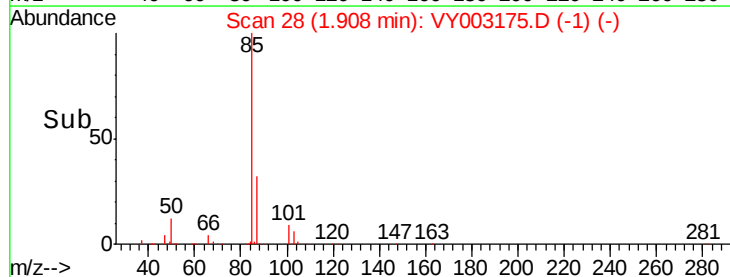
40000

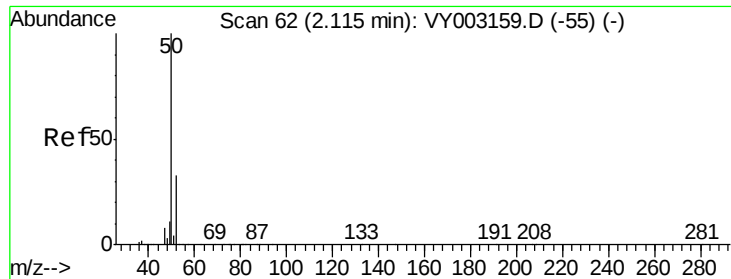
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.778 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

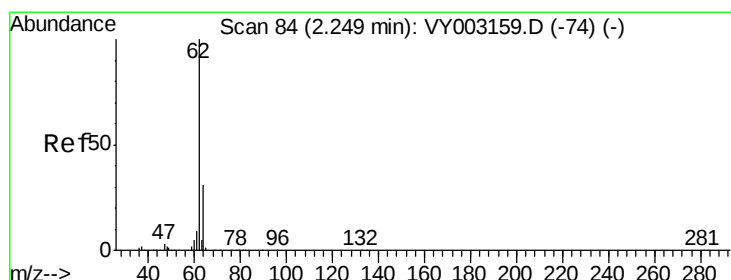
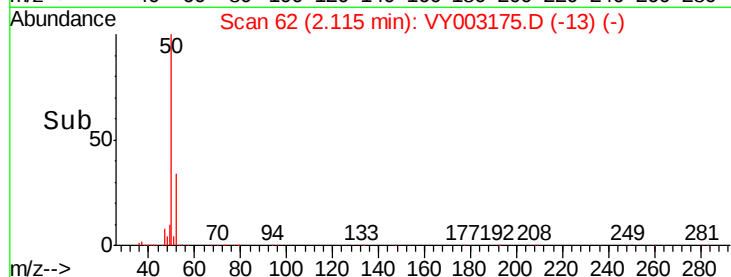
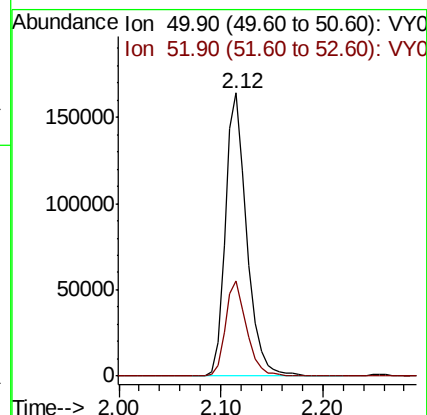
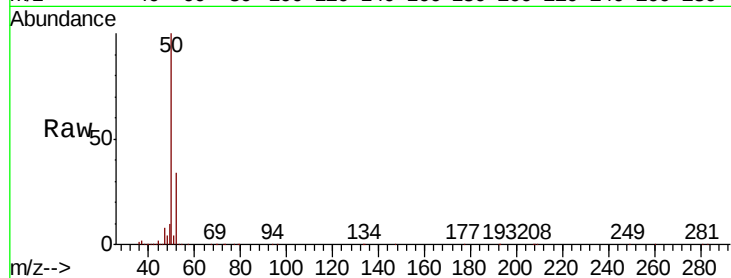
VSTDCCC050EC

Tot Ion: 50 Resp: 238337

Ion Ratio Lower Upper

50 100

52 33.5 26.6 39.8



#4

Vinyl Chloride

Concen: 48.680 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003175.D

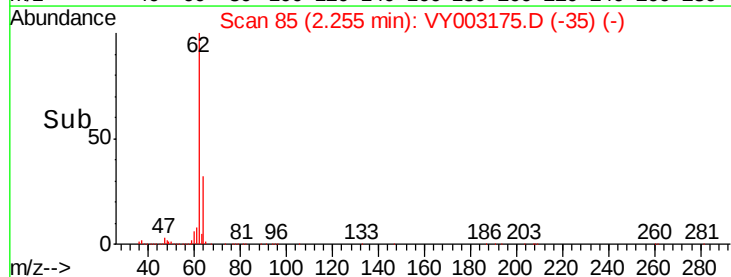
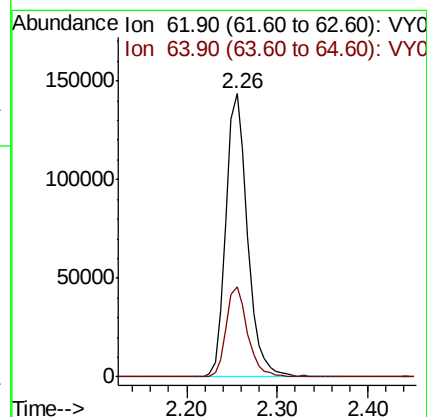
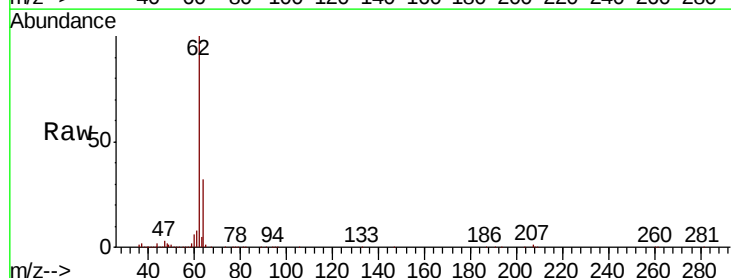
Acq: 10 Jul 2020 19:58

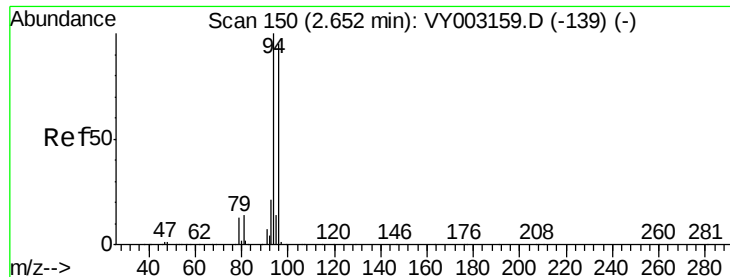
Tgt Ion: 62 Resp: 239144

Ion Ratio Lower Upper

62 100

64 31.8 24.6 37.0





#5

Bromomethane

Concen: 50.175 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

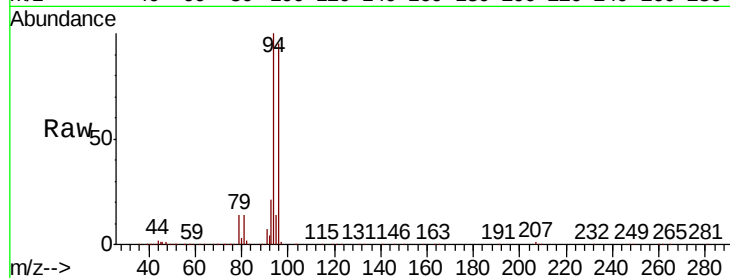
VSTDCCC050EC

Tot Ion: 94 Resp: 183081

Ion Ratio Lower Upper

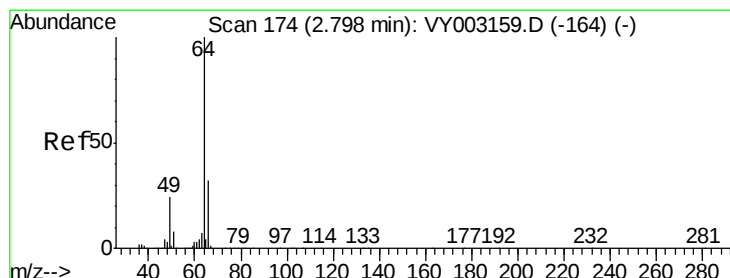
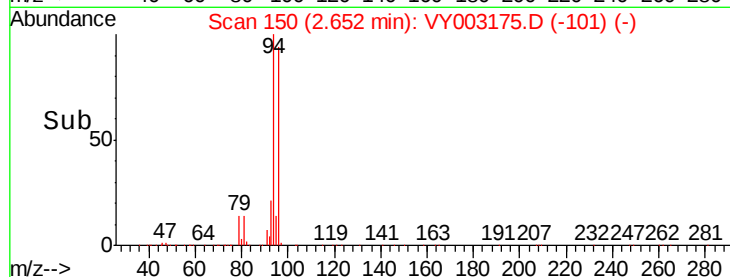
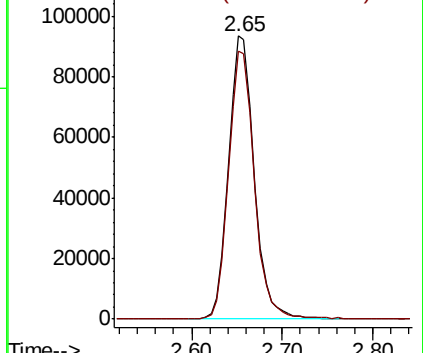
94 100

96 94.3 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.334 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003175.D

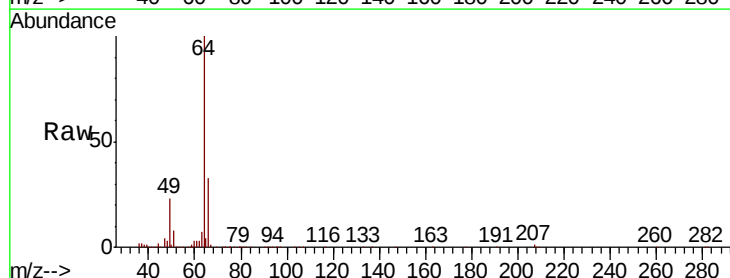
Acq: 10 Jul 2020 19:58

Tgt Ion: 64 Resp: 159180

Ion Ratio Lower Upper

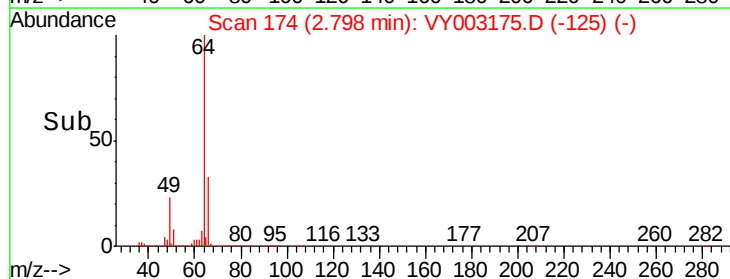
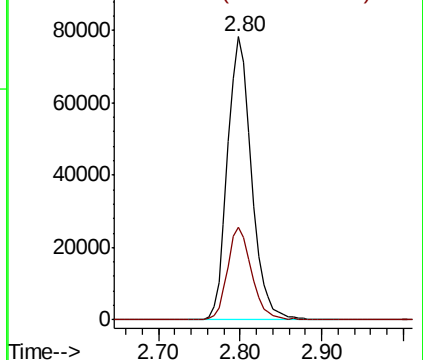
64 100

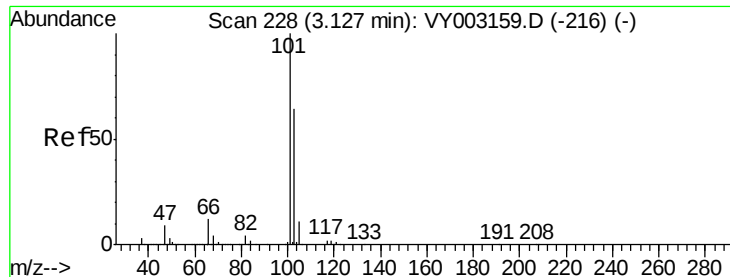
66 32.7 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



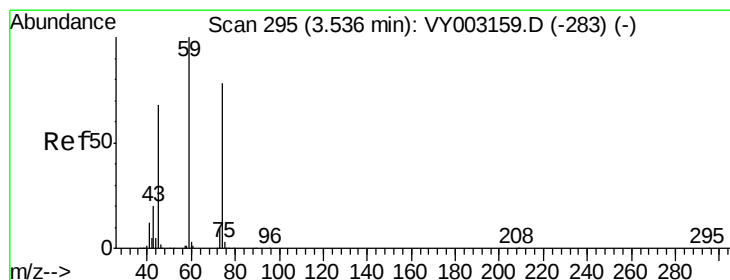
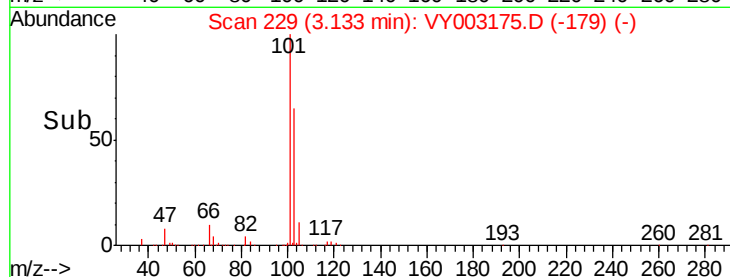
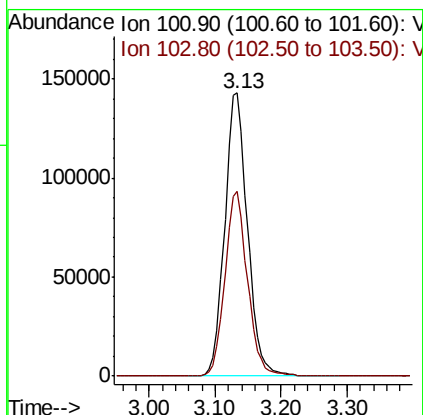
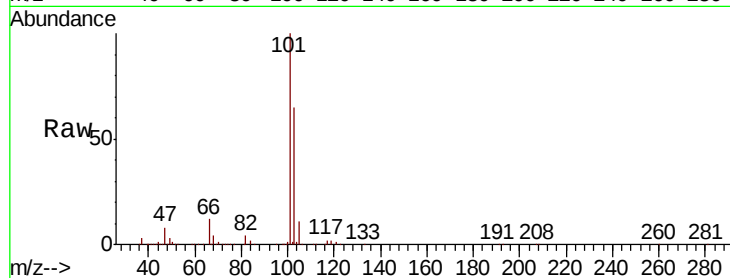


#7

Trichlorofluoromethane
 Concen: 48.577 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Instrument :
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 VSTDCCC050EC

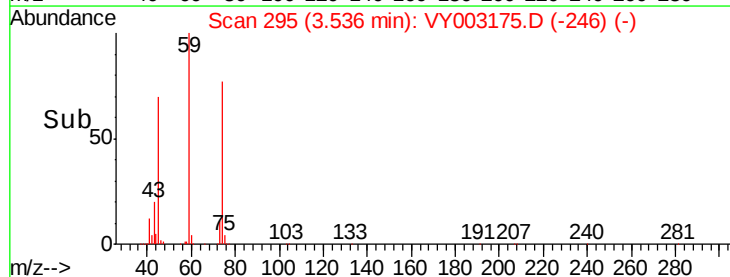
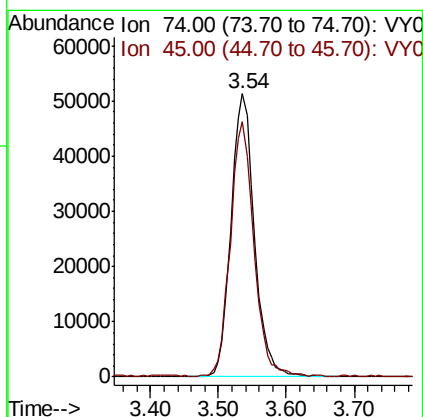
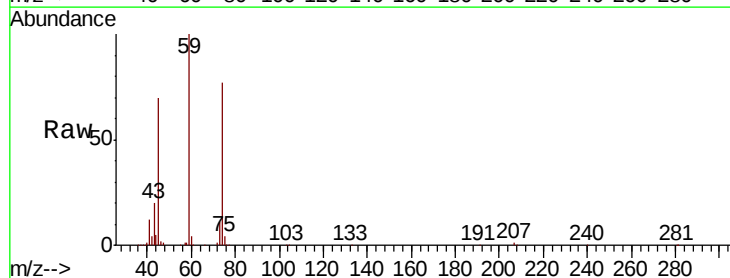
Tot Ion:101 Resp: 340793
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.3 76.9

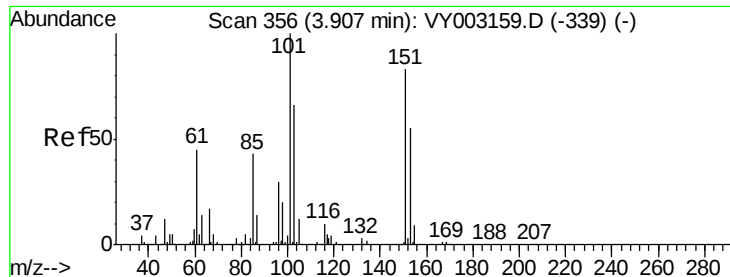


#8

Diethyl Ether
 Concen: 52.004 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion: 74 Resp: 122254
 Ion Ratio Lower Upper
 74 100
 45 89.9 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.454 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

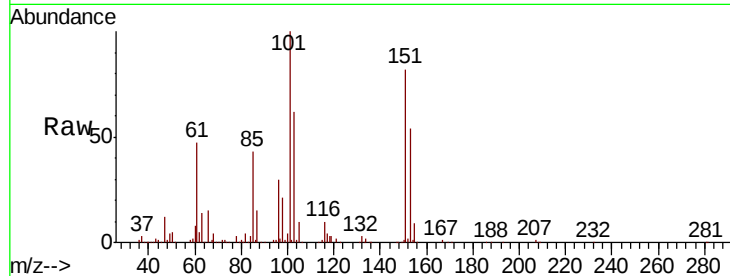
Tot Ion:101 Resp: 209542

Ion Ratio Lower Upper

101 100

85 42.2 34.9 52.3

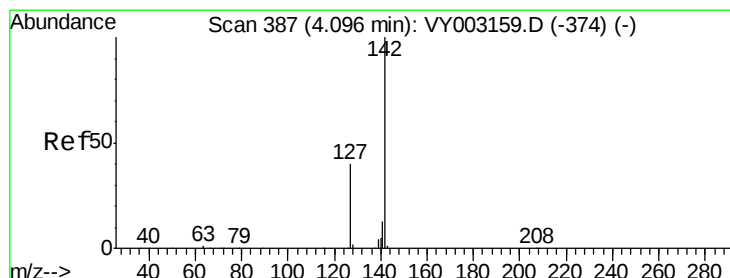
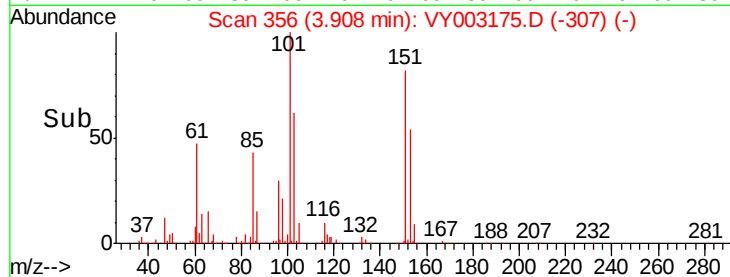
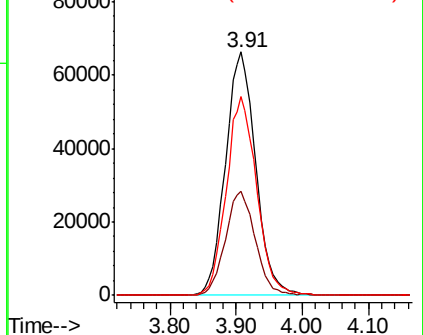
151 82.0 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.217 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

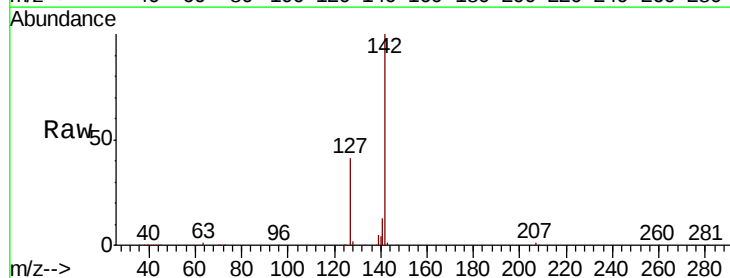
Tgt Ion:142 Resp: 226562

Ion Ratio Lower Upper

142 100

127 41.9 33.5 50.3

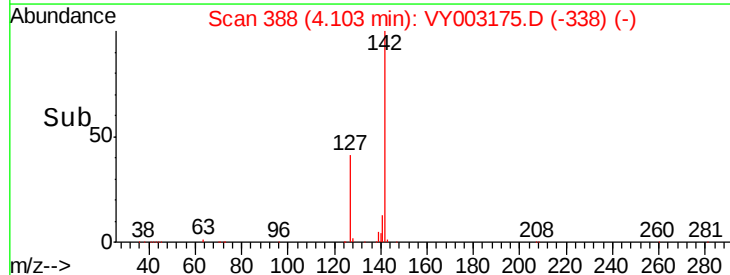
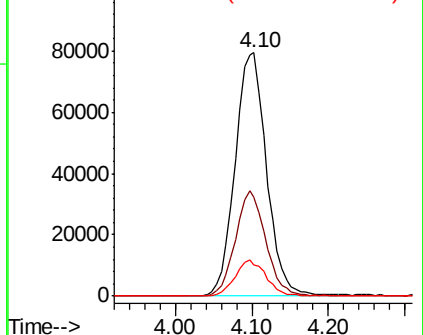
141 14.6 11.2 16.8

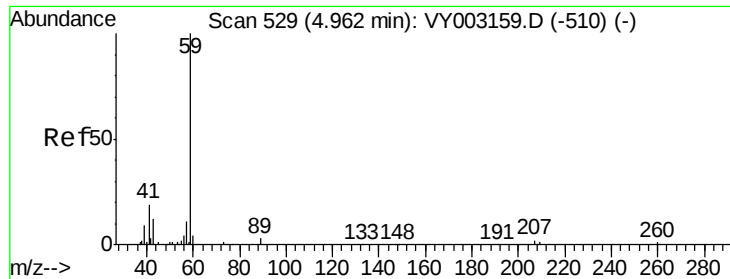


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



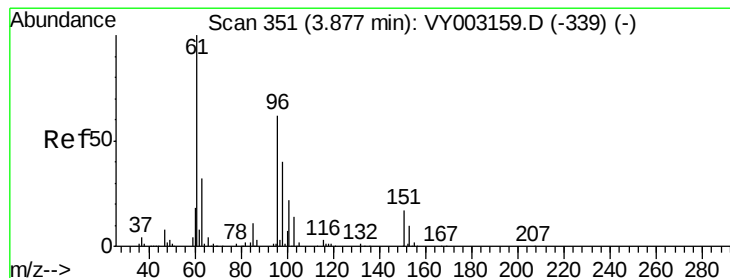
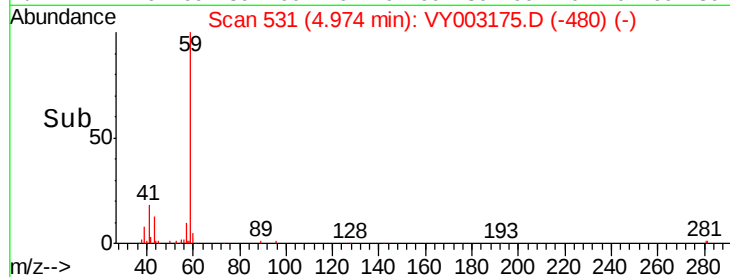
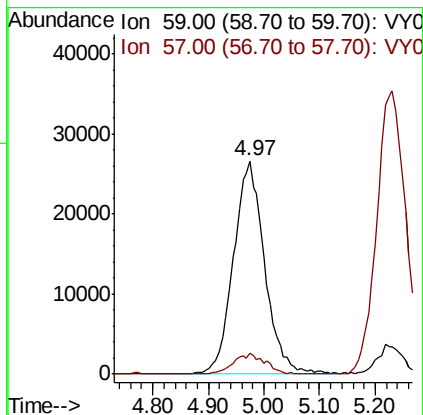
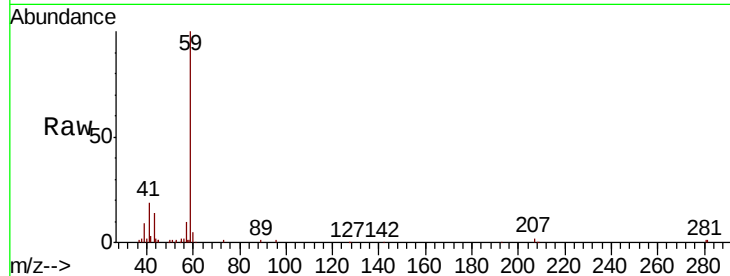


#11

Tert butyl alcohol
Concen: 234.736 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

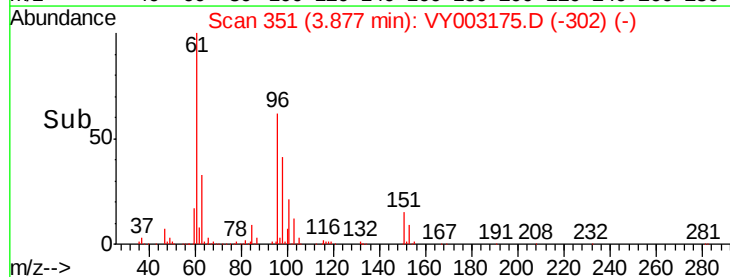
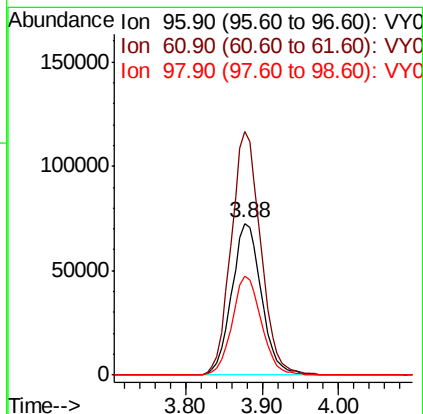
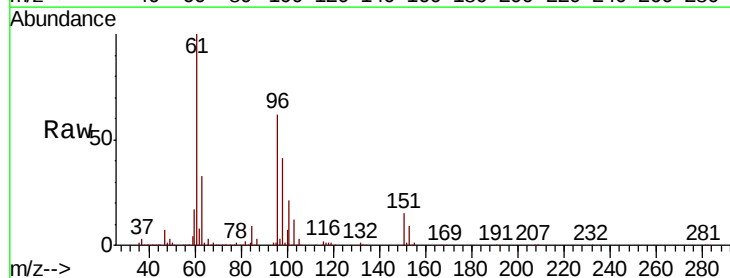
Tot Ion: 59 Resp: 103178
Ion Ratio Lower Upper
59 100
57 9.7 8.4 12.6

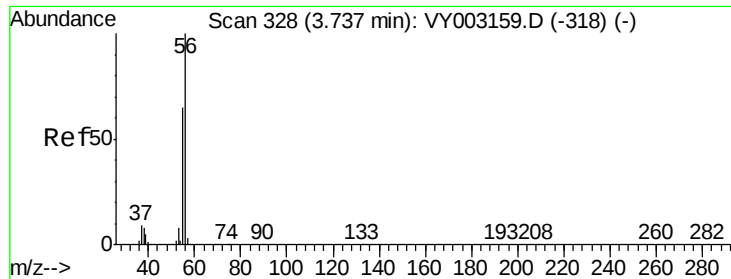


#12

1,1-Dichloroethene
Concen: 48.795 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion: 96 Resp: 195551
Ion Ratio Lower Upper
96 100
61 160.5 128.6 193.0
98 65.6 51.6 77.4





#13

Acrolein

Concen: 208.175 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

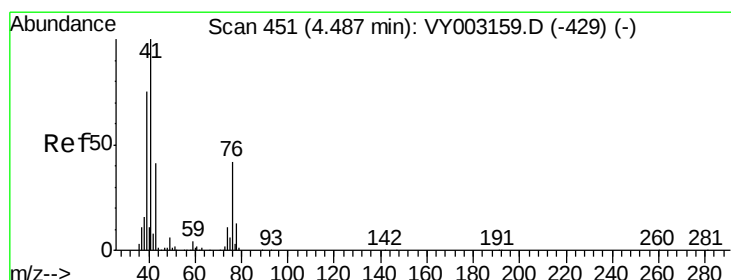
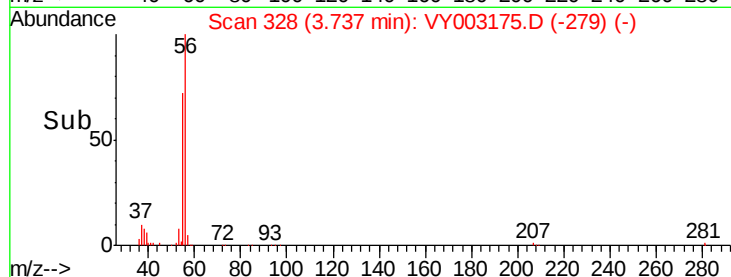
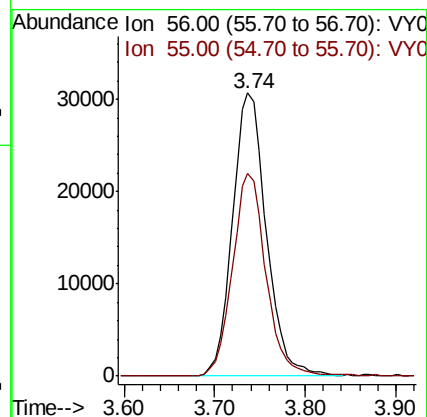
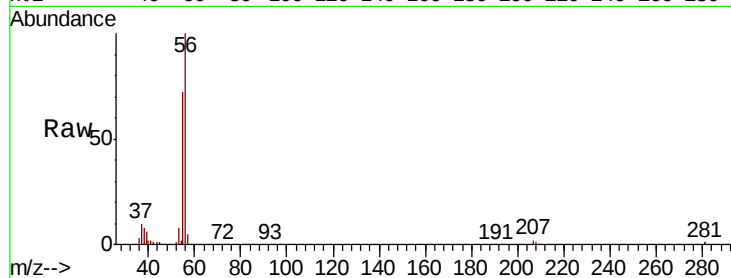
VSTDCCC050EC

Tot Ion: 56 Resp: 79422

Ion Ratio Lower Upper

56 100

55 70.7 56.0 84.0



#14

Allyl chloride

Concen: 51.315 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

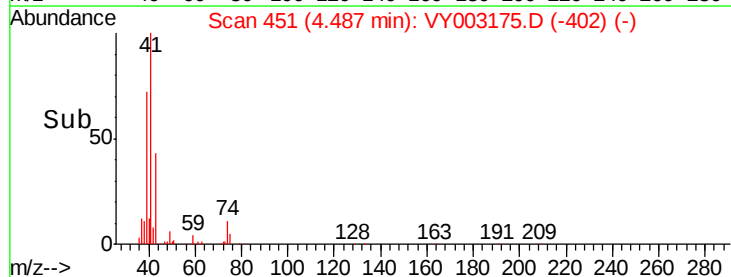
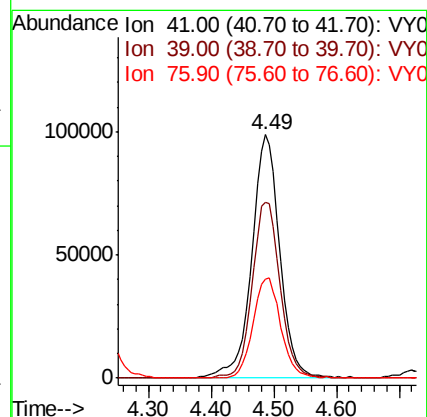
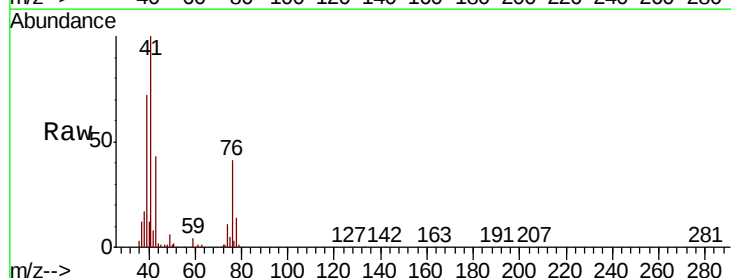
Tgt Ion: 41 Resp: 305150

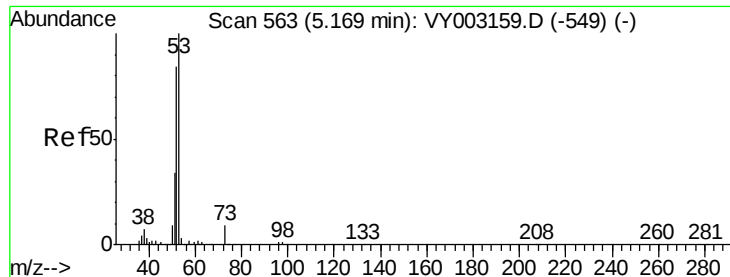
Ion Ratio Lower Upper

41 100

39 71.9 56.6 85.0

76 40.6 31.6 47.4





#15

Acrylonitrile

Concen: 258.301 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

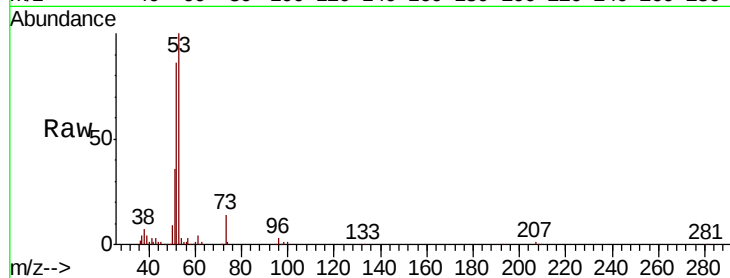
Tot Ion: 53 Resp: 291692

Ion Ratio Lower Upper

53 100

52 83.9 65.8 98.6

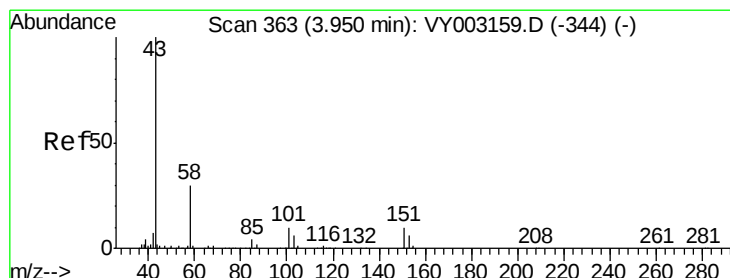
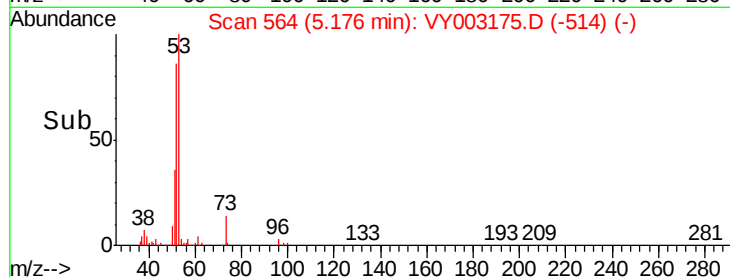
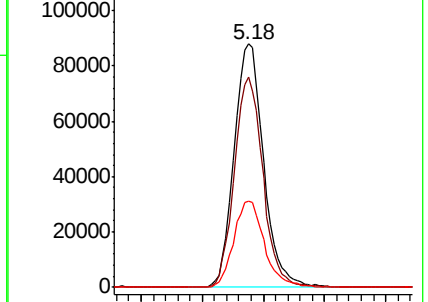
51 36.9 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY003175.D (-514) (-)

Ion 52.00 (51.70 to 52.70): VY003175.D (-514) (-)

Ion 51.00 (50.70 to 51.70): VY003175.D (-514) (-)



#16

Acetone

Concen: 248.816 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003175.D

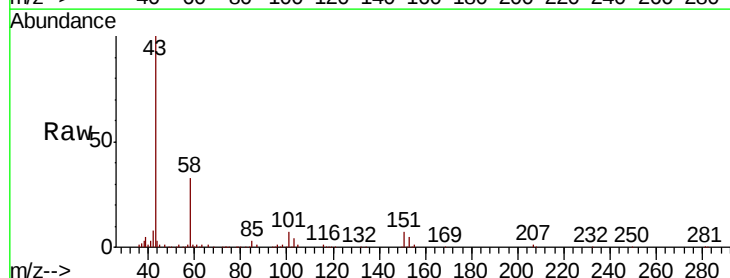
Acq: 10 Jul 2020 19:58

Tgt Ion: 43 Resp: 225921

Ion Ratio Lower Upper

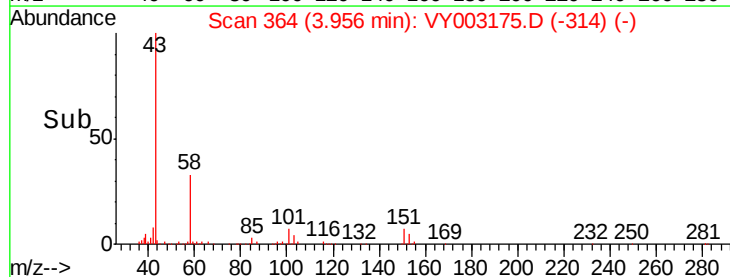
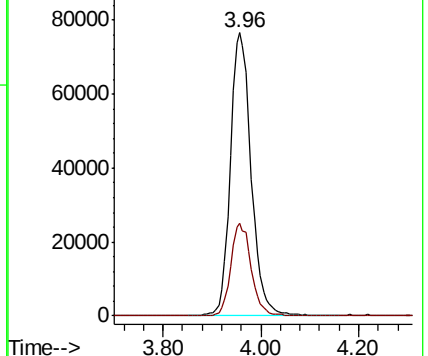
43 100

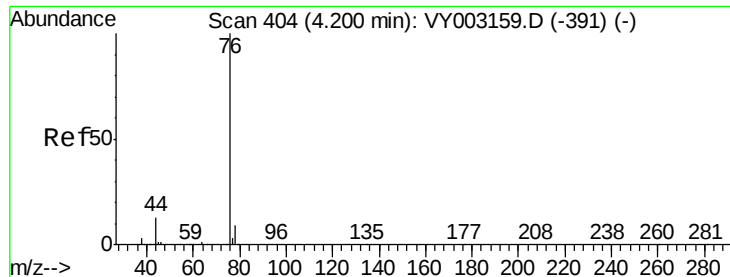
58 32.5 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003175.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003175.D (-314) (-)





#17

Carbon Disulfide

Concen: 49.425 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

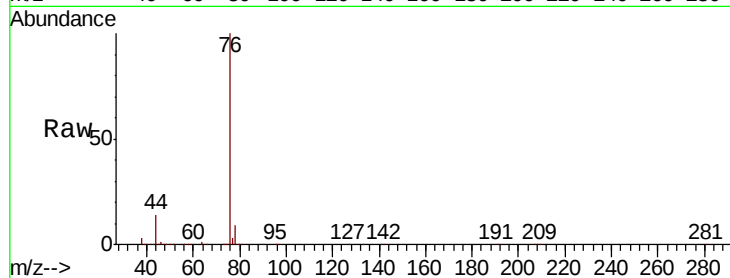
VSTDCCC050EC

Tot Ion: 76 Resp: 607810

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

250000

200000

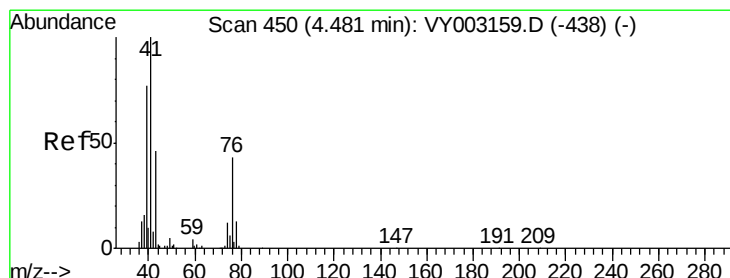
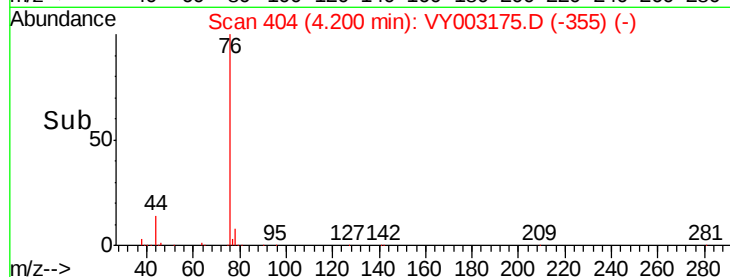
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.709 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003175.D

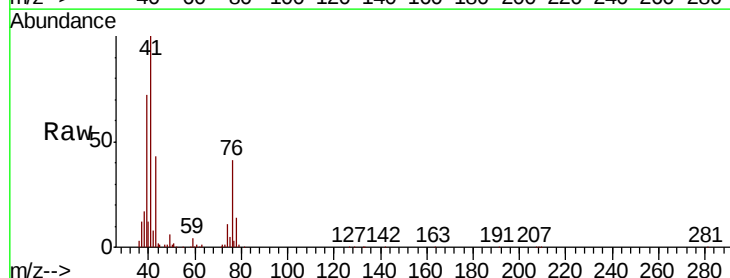
Acq: 10 Jul 2020 19:58

Tgt Ion: 43 Resp: 127868

Ion Ratio Lower Upper

43 100

74 25.6 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

50000

40000

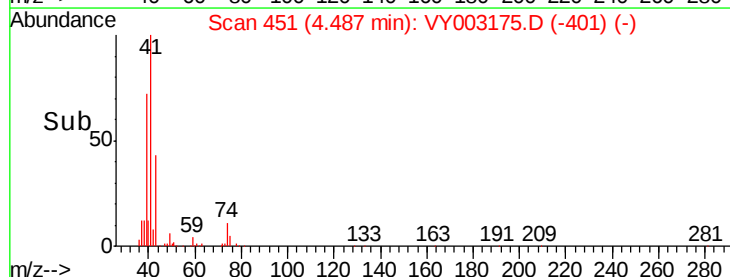
30000

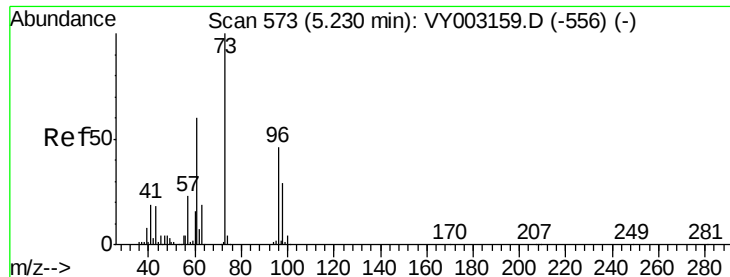
20000

10000

0

Time-->

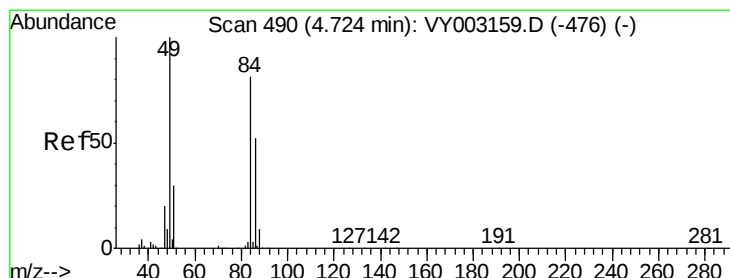
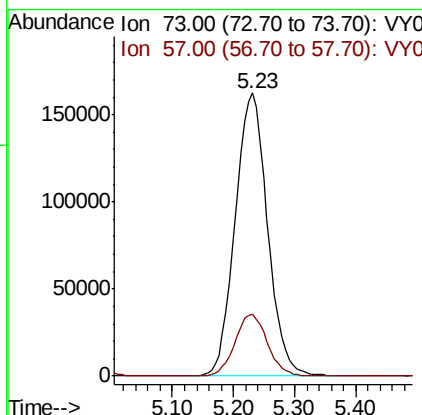
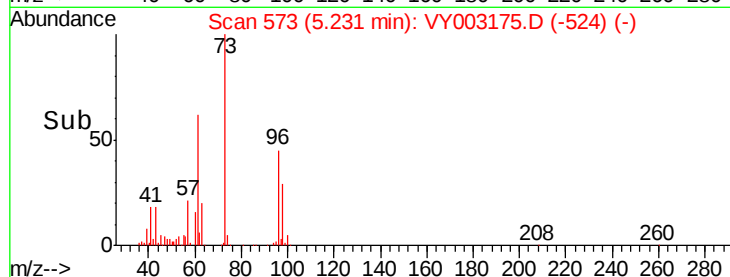
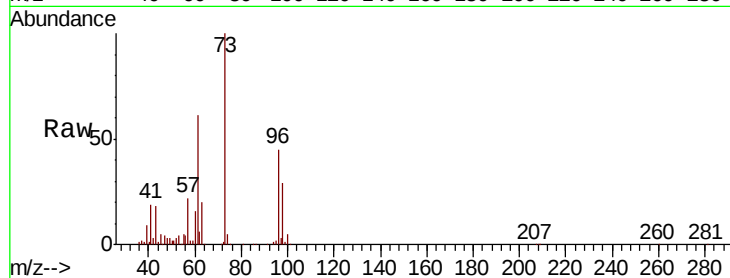




#19
Methvl tert-butvl Ether
Concen: 52.993 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

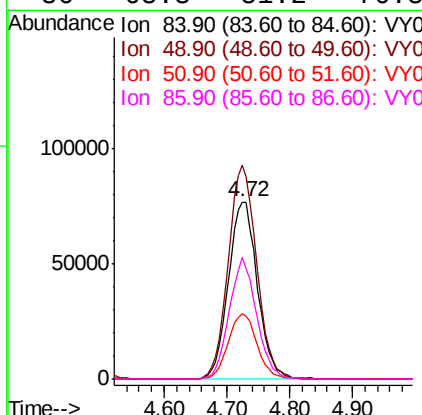
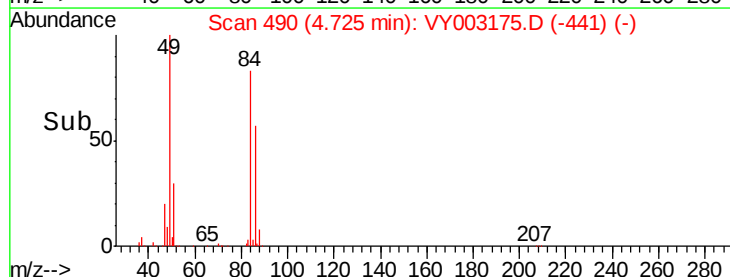
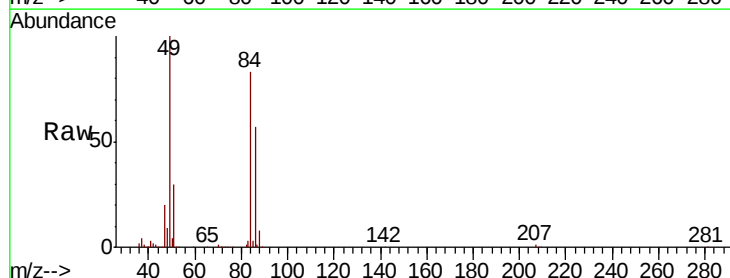
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

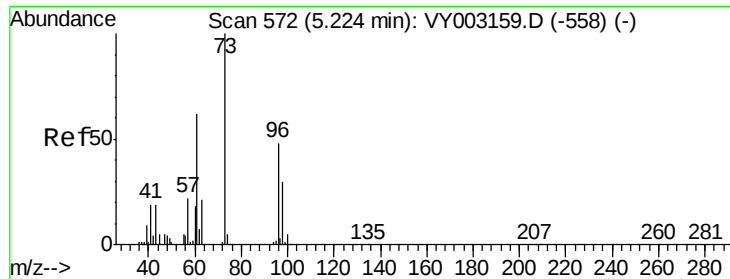
Tot Ion: 73 Resp: 595155
Ion Ratio Lower Upper
73 100
57 21.8 18.1 27.1



#20
Methylene Chloride
Concen: 54.094 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion: 84 Resp: 245070
Ion Ratio Lower Upper
84 100
49 120.6 98.2 147.4
51 36.5 29.8 44.6
86 68.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 50.840 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

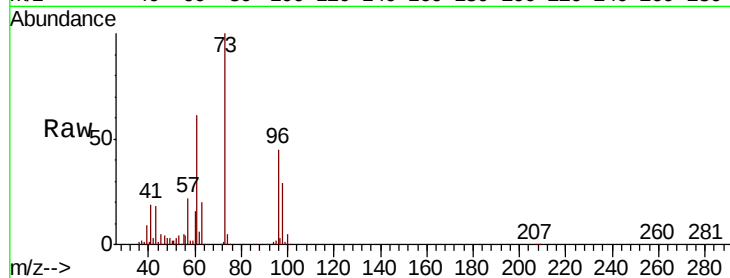
Tot Ion: 96 Resp: 230449

Ion Ratio Lower Upper

96 100

61 135.3 102.5 153.7

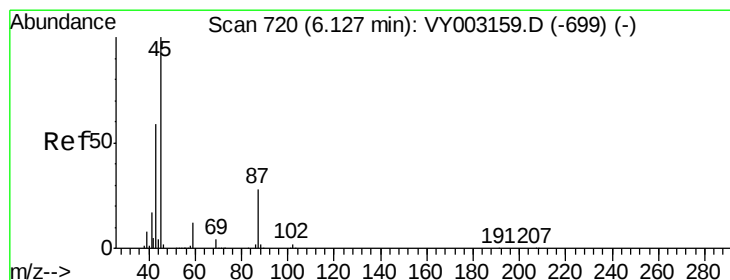
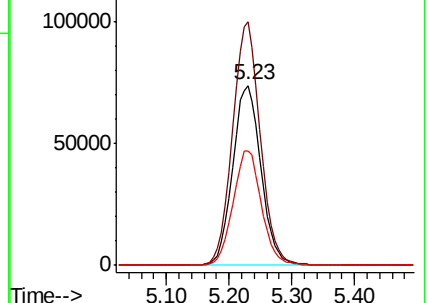
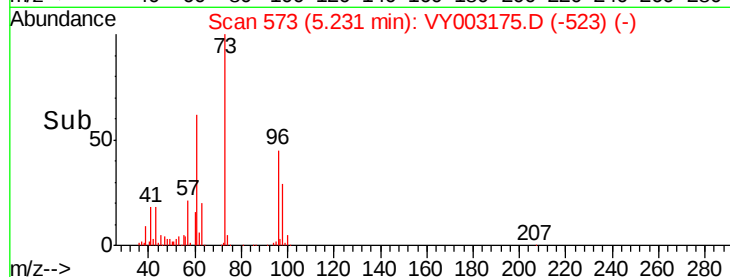
98 63.5 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 54.264 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Tgt Ion: 45 Resp: 716166

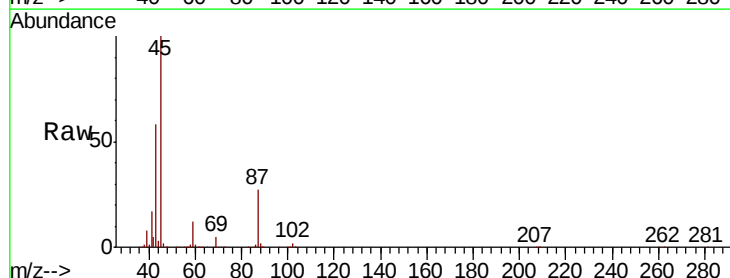
Ion Ratio Lower Upper

45 100

43 57.7 47.0 70.4

87 27.4 22.6 33.8

59 11.6 9.8 14.6

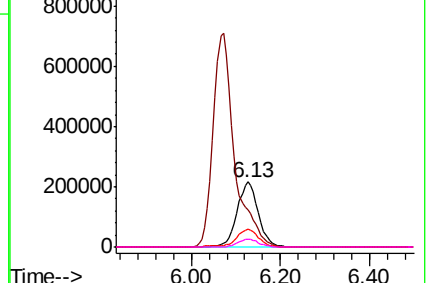
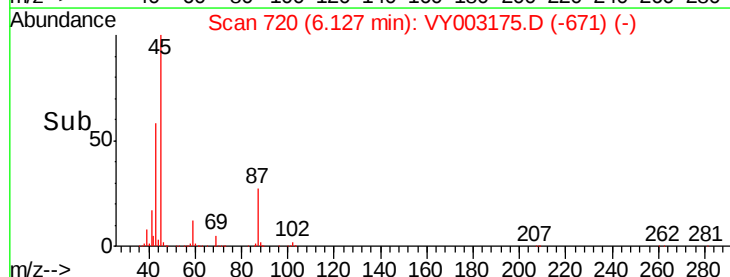


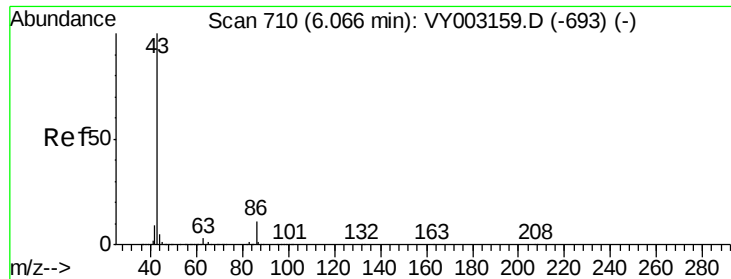
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 268.766 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

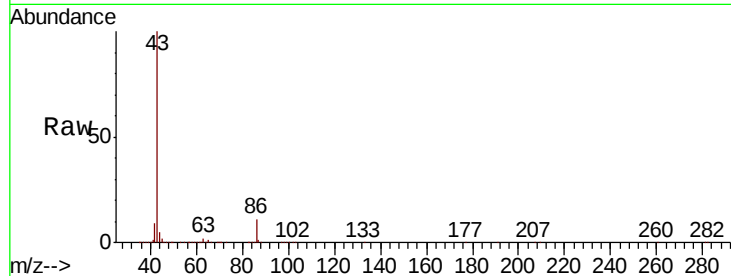
VSTDCCC050EC

Tot Ion: 43 Resp: 2364236

Ion Ratio Lower Upper

43 100

86 11.4 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

800000

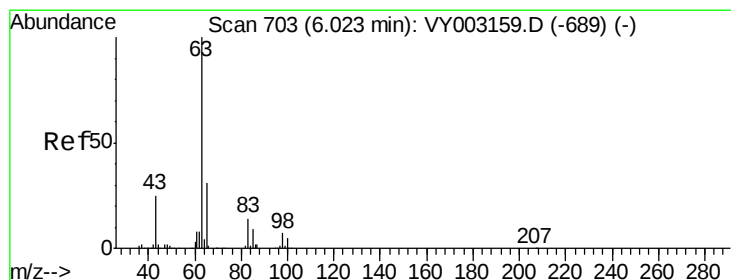
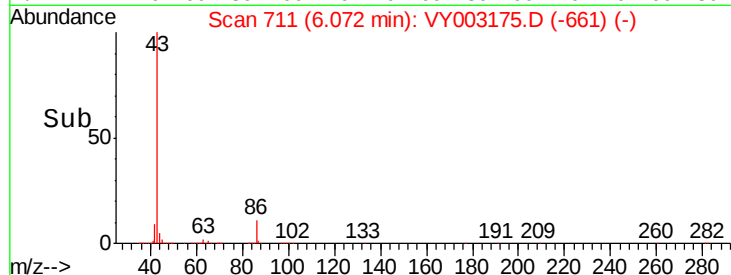
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.220 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

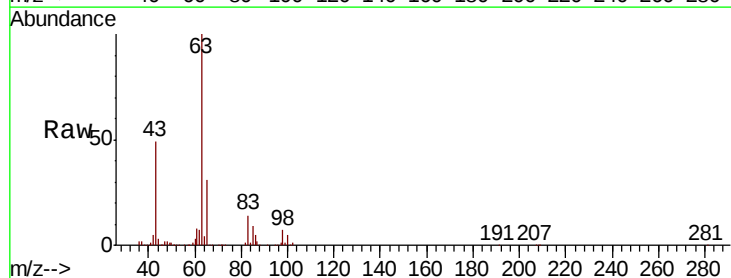
Tgt Ion: 63 Resp: 399277

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.5 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

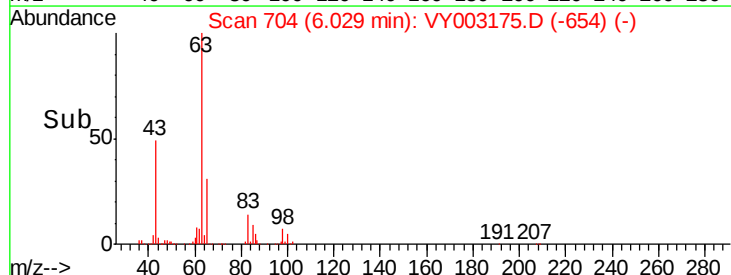
150000

100000

50000

0

Time-->





#25

2-Butanone

Concen: 256.461 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

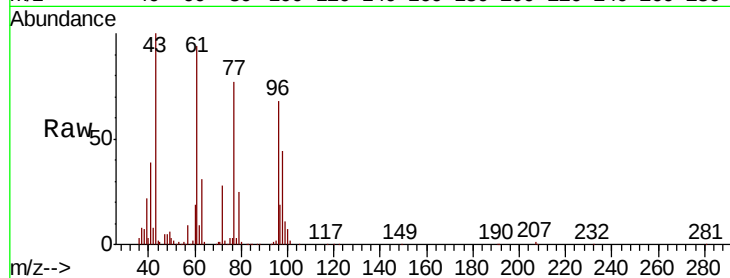
VSTDCCC050EC

Tot Ion: 43 Resp: 382338

Ion Ratio Lower Upper

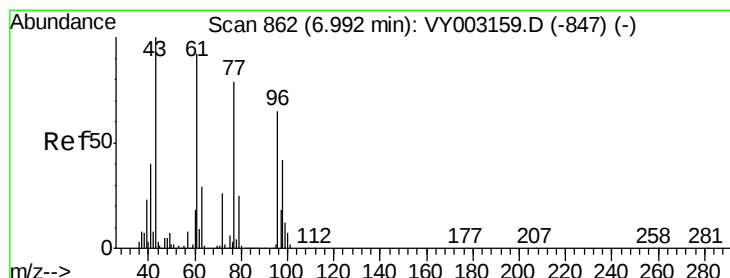
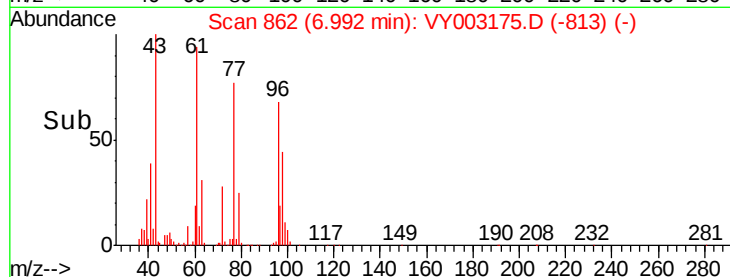
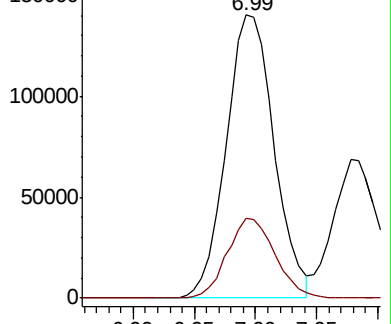
43 100

72 28.0 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 48.248 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003175.D

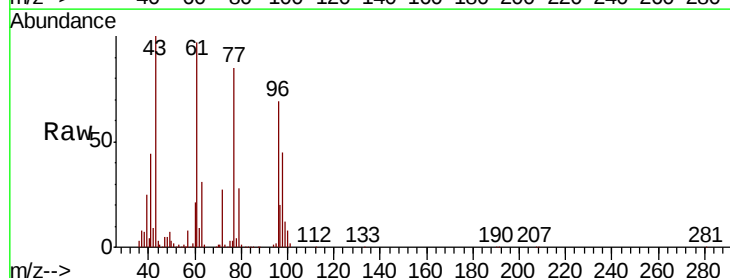
Acq: 10 Jul 2020 19:58

Tgt Ion: 77 Resp: 332229

Ion Ratio Lower Upper

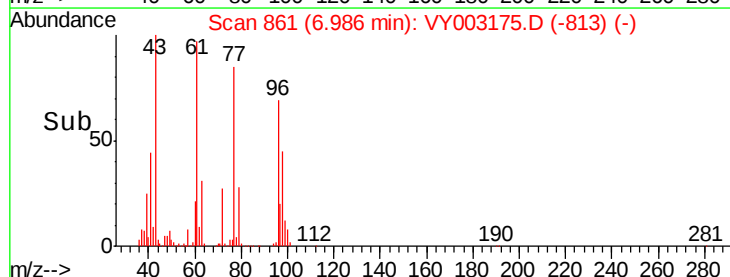
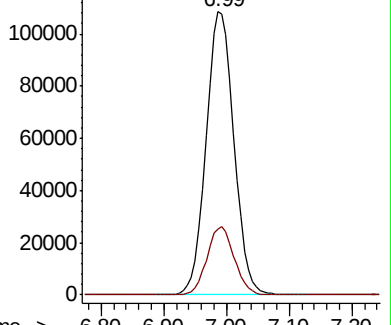
77 100

97 23.7 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



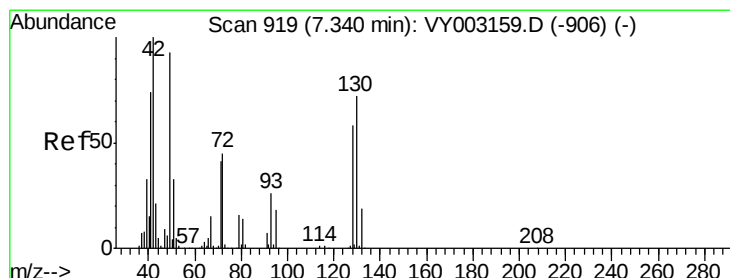
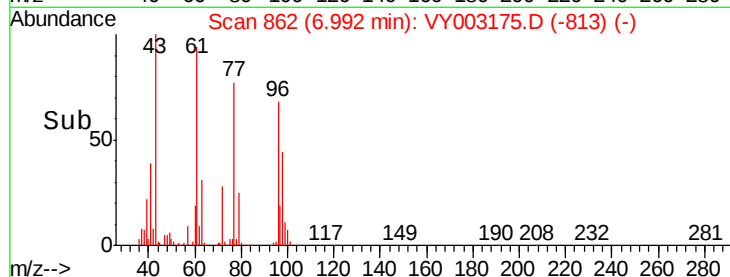
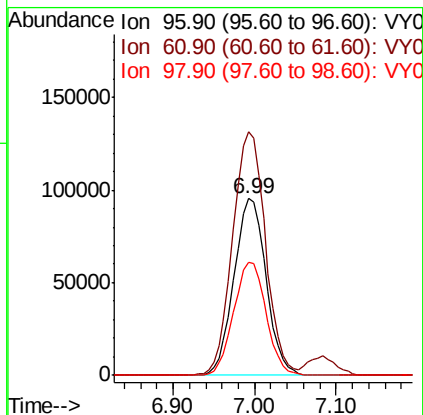
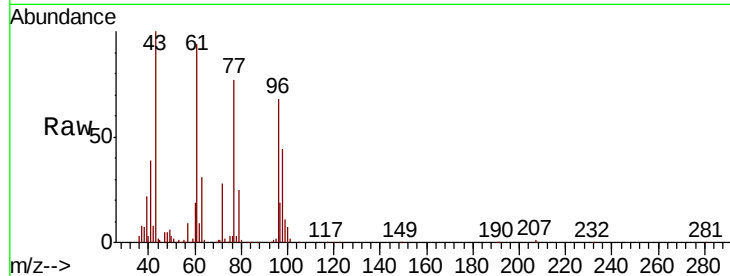


#27

cis-1,2-Dichloroethene
 Concen: 52.158 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

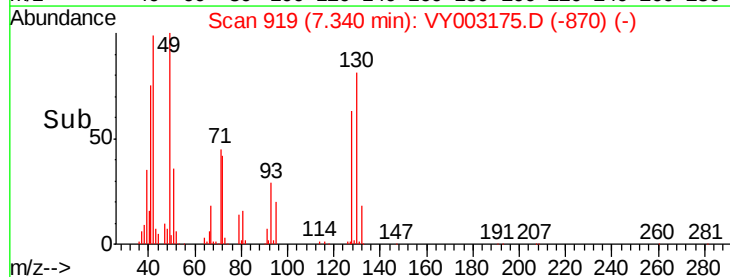
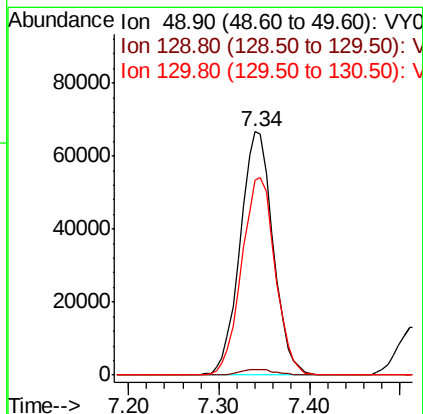
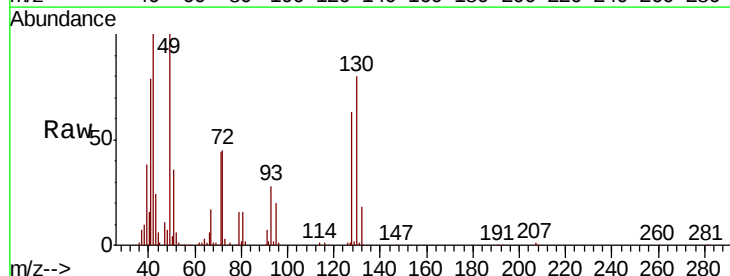
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	281.2
98	64.7	0.0	129.8

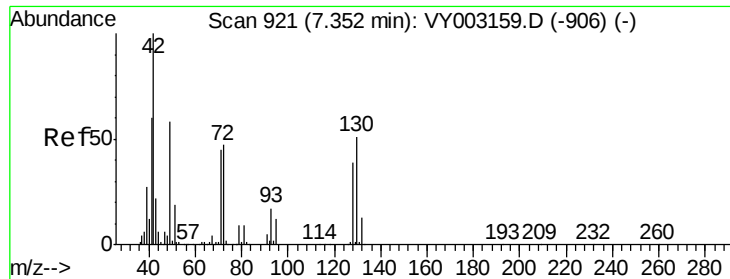


#28

Bromochloromethane
 Concen: 50.621 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	82.8	64.9	97.3





#29

Tetrahydrofuran

Concen: 257.538 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

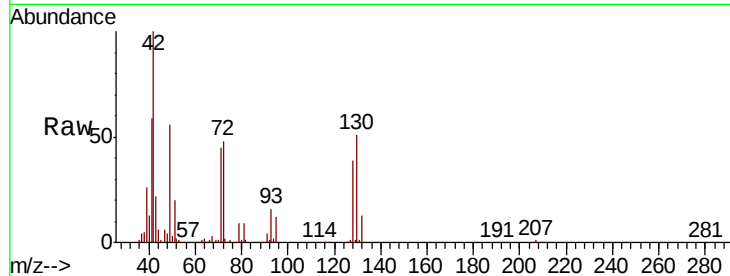
Tot Ion: 42 Resp: 257928

Ion Ratio Lower Upper

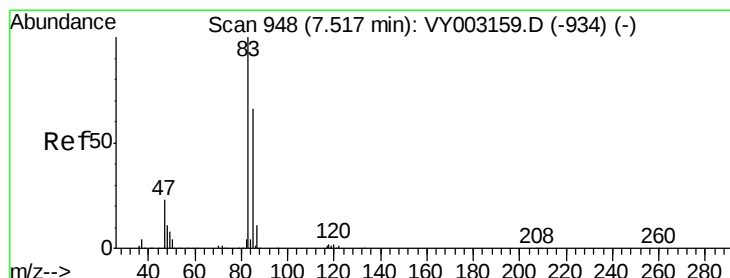
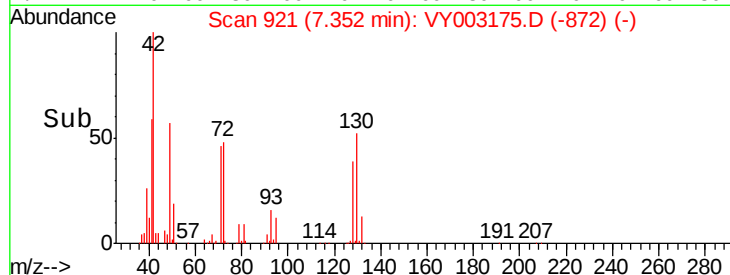
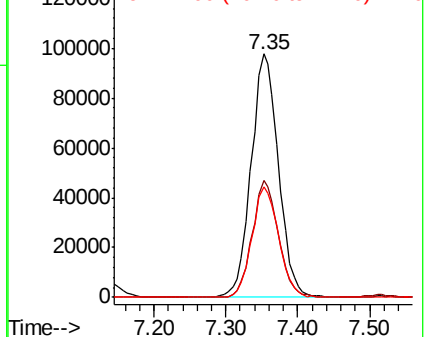
42 100

72 45.8 36.7 55.1

71 44.3 34.2 51.4



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



#30

Chloroform

Concen: 52.370 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003175.D

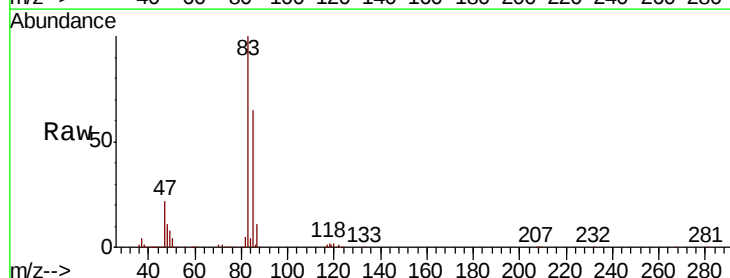
Acq: 10 Jul 2020 19:58

Tgt Ion: 83 Resp: 412418

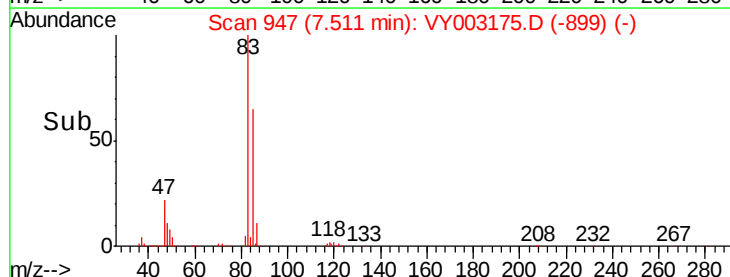
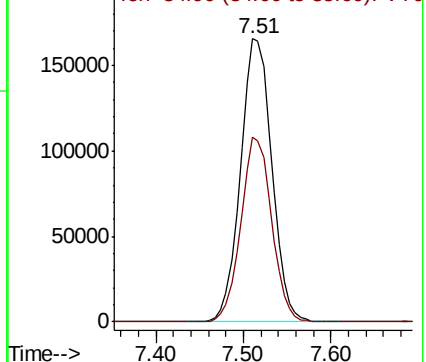
Ion Ratio Lower Upper

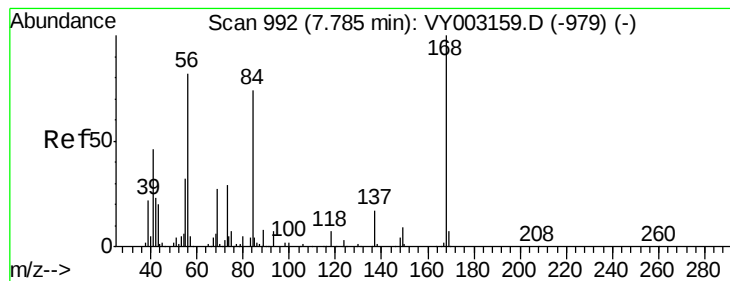
83 100

85 65.3 52.6 78.8



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





#31

Cyclohexane

Concen: 47.854 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

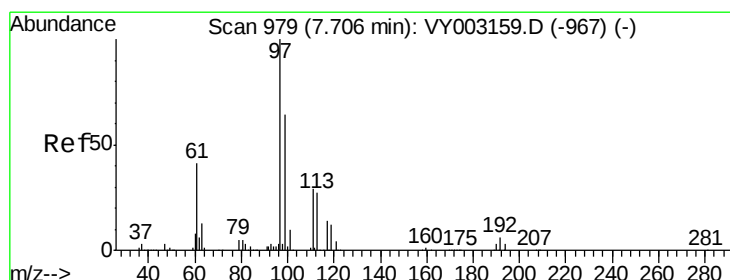
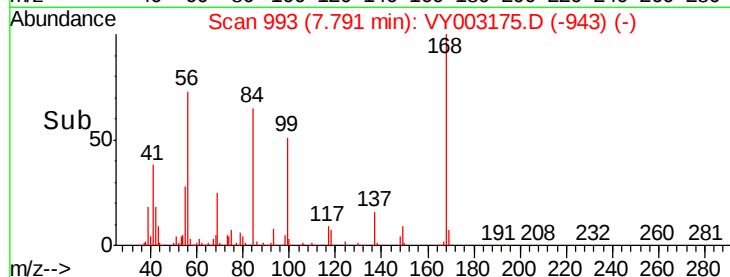
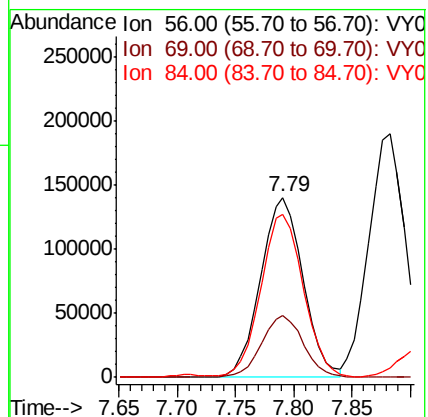
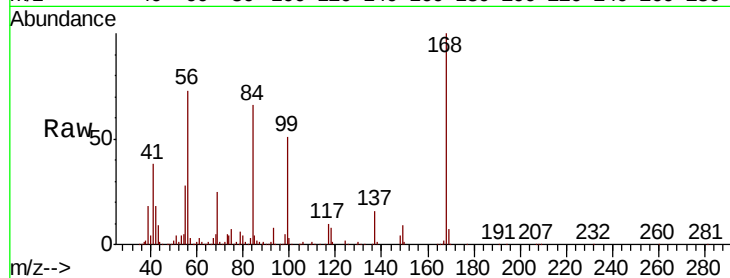
Tot Ion: 56 Resp: 353813

Ion Ratio Lower Upper

56 100

69 34.2 26.7 40.1

84 89.3 72.3 108.5



#32

1,1,1-Trichloroethane

Concen: 51.101 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

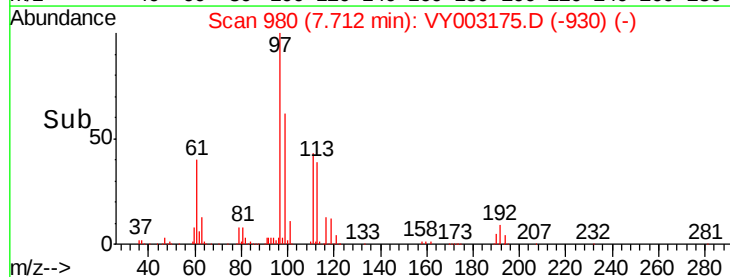
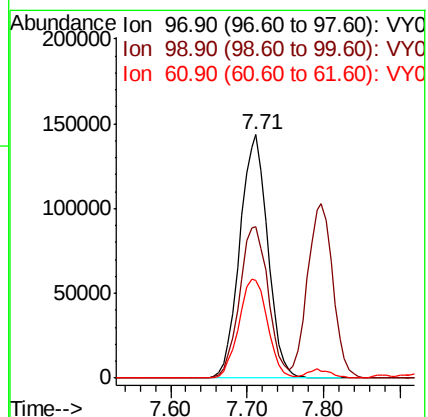
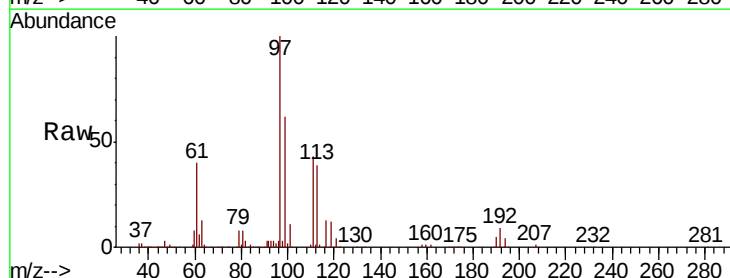
Tgt Ion: 97 Resp: 362281

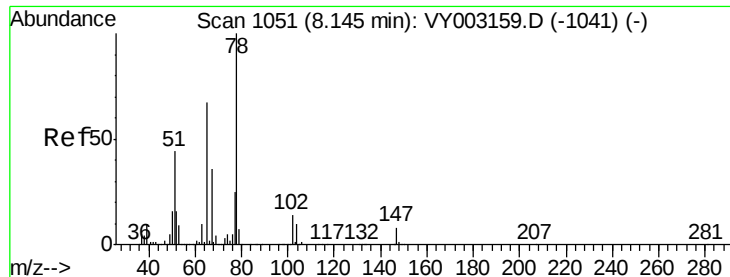
Ion Ratio Lower Upper

97 100

99 64.2 52.1 78.1

61 41.8 33.9 50.9

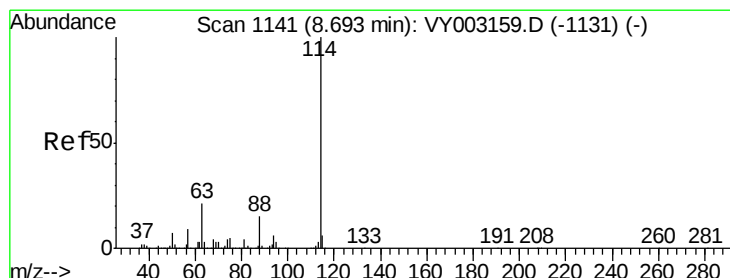
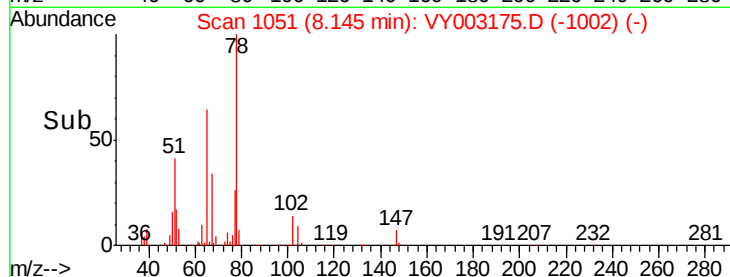
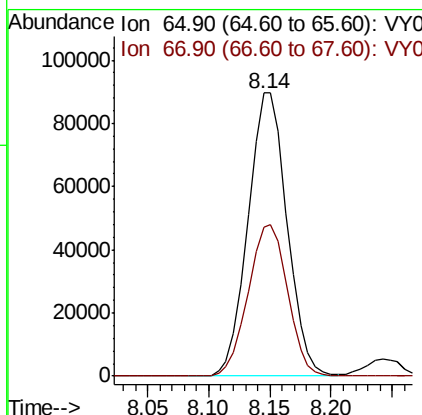
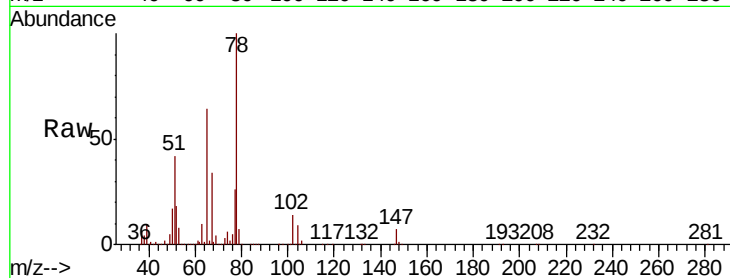




#33
 1,2-Dichloroethane-d4
 Concen: 49.011 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

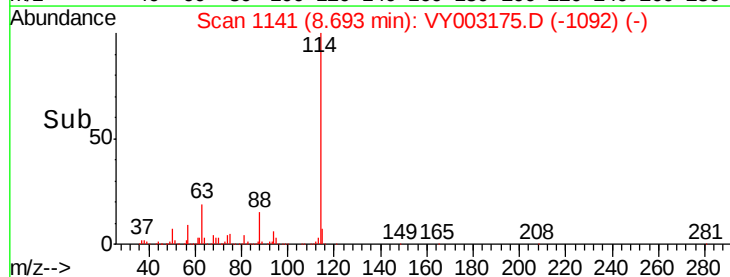
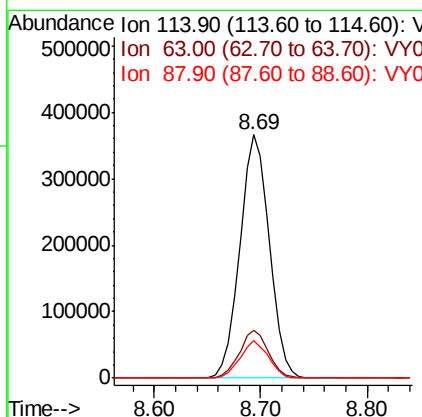
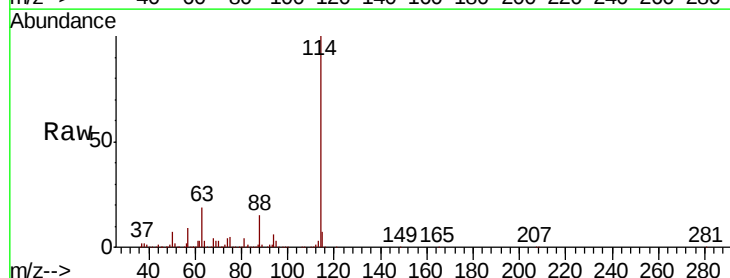
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

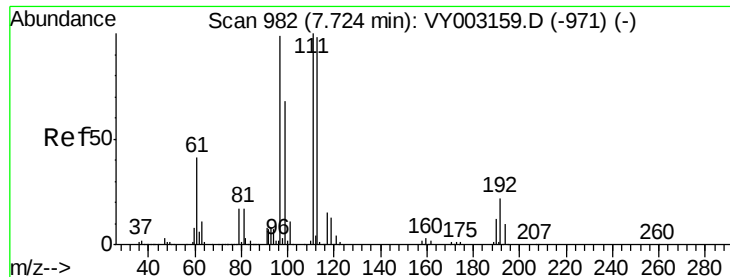
Tot Ion: 65 Resp: 199225
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion: 114 Resp: 713159
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.2
 88 15.4 0.0 30.2

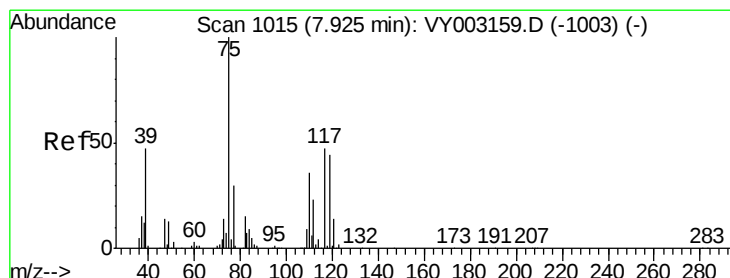
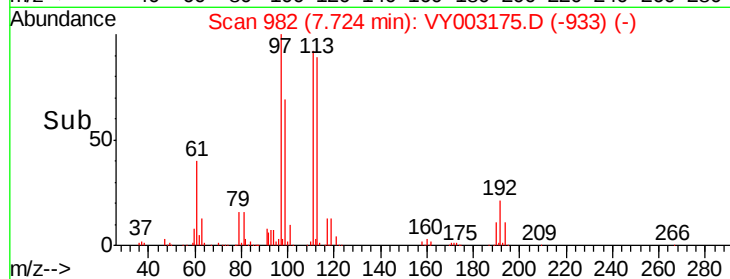
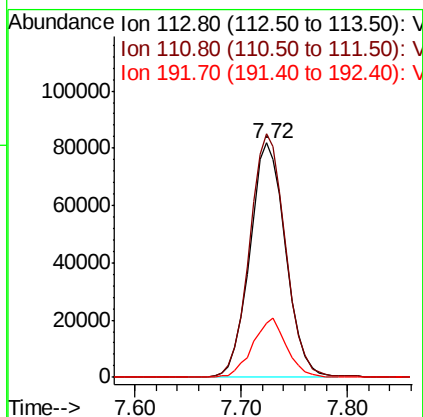
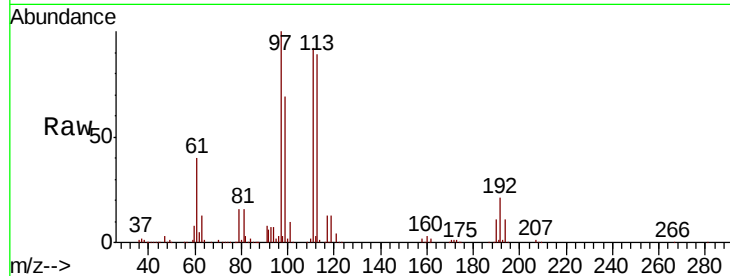




#35
 Dibromofluoromethane
 Concen: 47.096 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

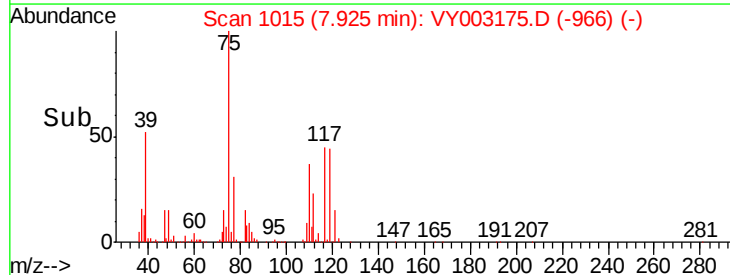
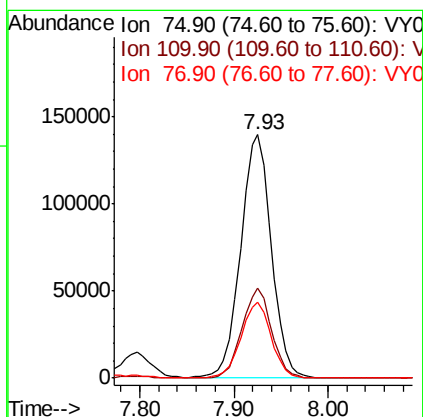
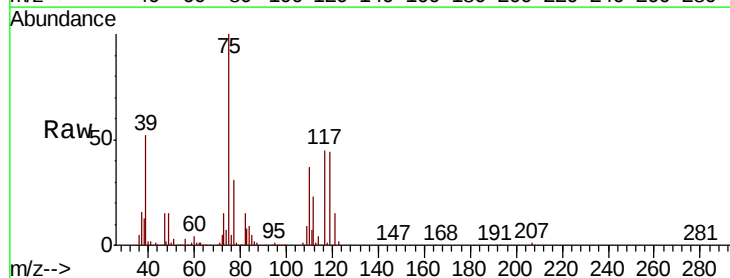
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

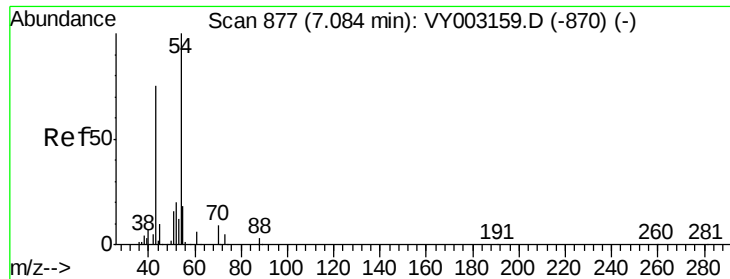
Tot Ion:113 Resp: 193284
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.1 123.1
 192 23.7 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 48.912 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion: 75 Resp: 316144
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.1 54.1
 77 31.1 24.8 37.2

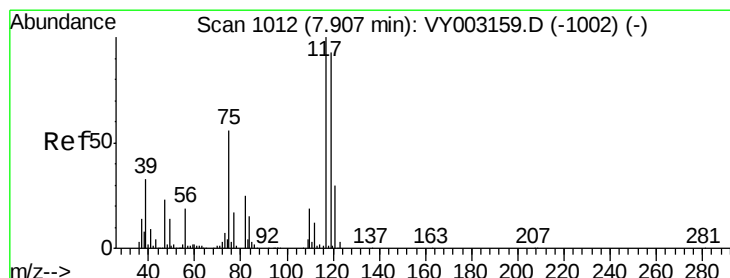
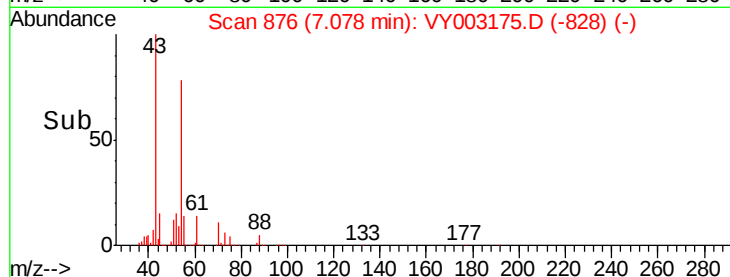
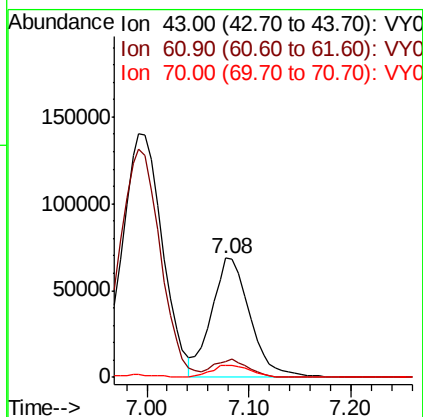
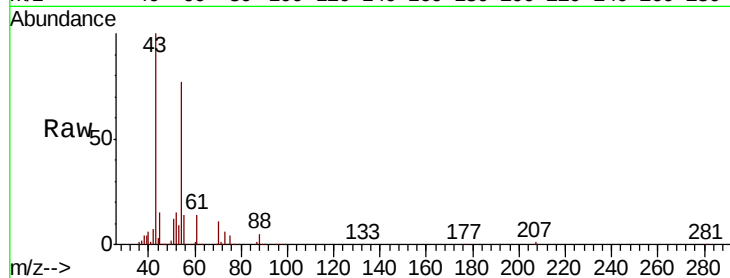




#37
Ethyl Acetate
Concen: 51.887 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

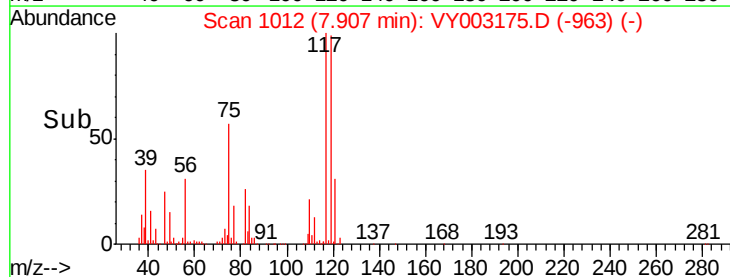
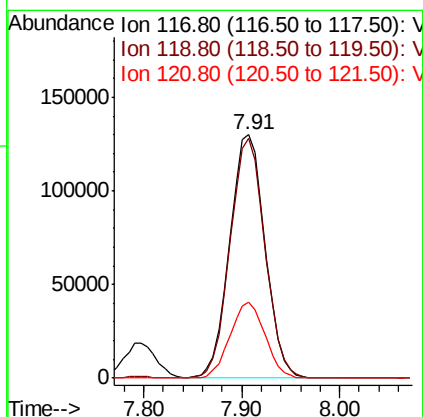
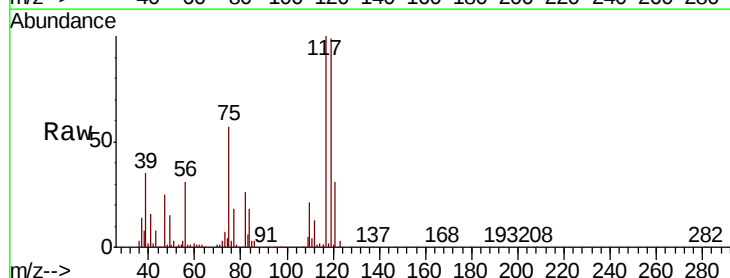
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

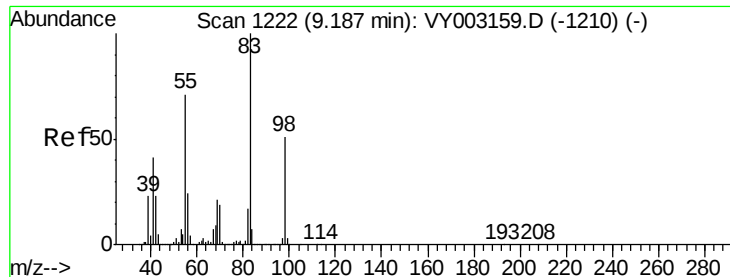
Tot Ion: 43 Resp: 180610
Ion Ratio Lower Upper
43 100
61 13.8 11.8 17.6
70 10.5 8.6 13.0



#38
Carbon Tetrachloride
Concen: 48.730 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion: 117 Resp: 325164
Ion Ratio Lower Upper
117 100
119 98.5 74.5 111.7
121 31.1 24.2 36.2

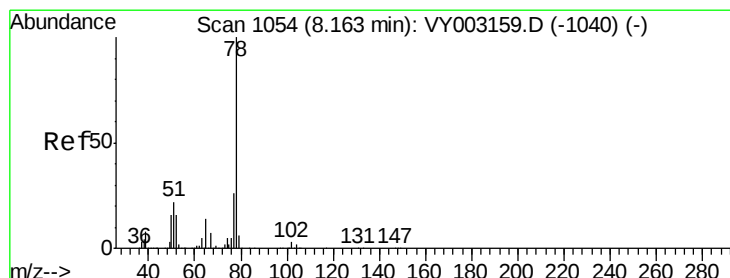
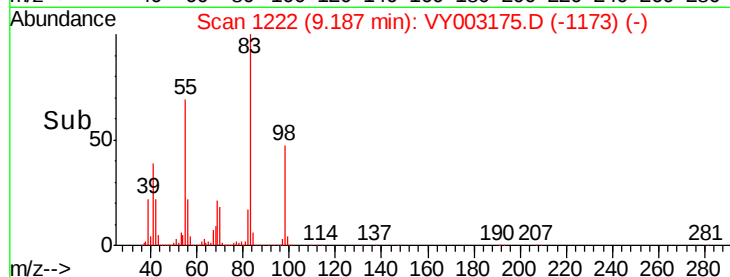
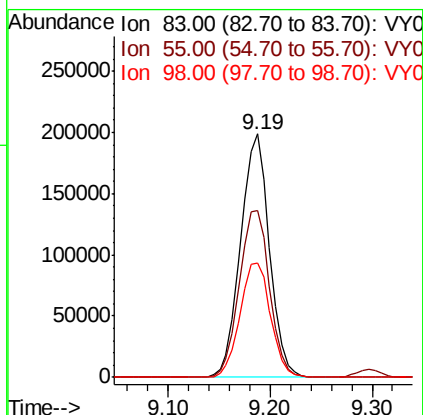
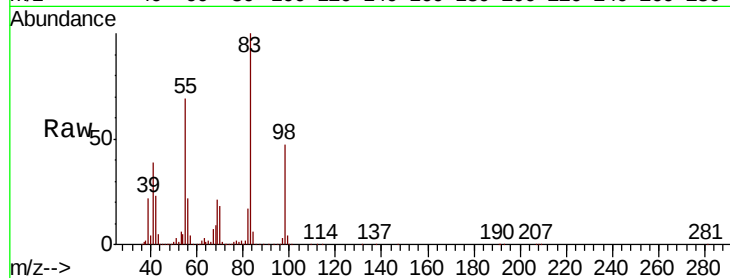




#39
Methvlcvclohexane
Concen: 48.025 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

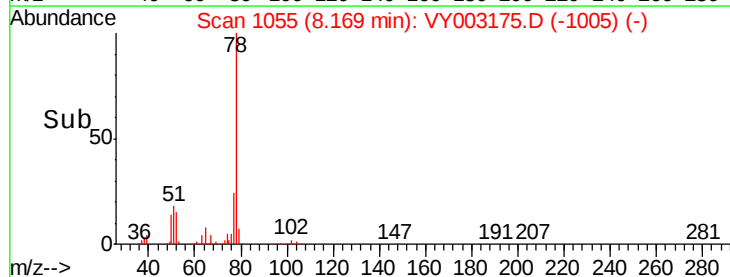
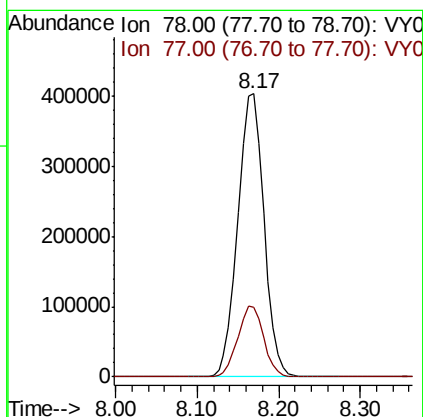
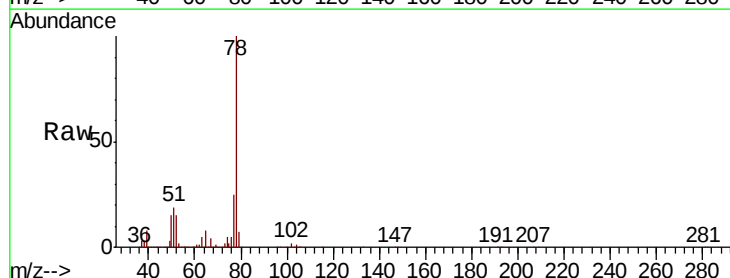
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

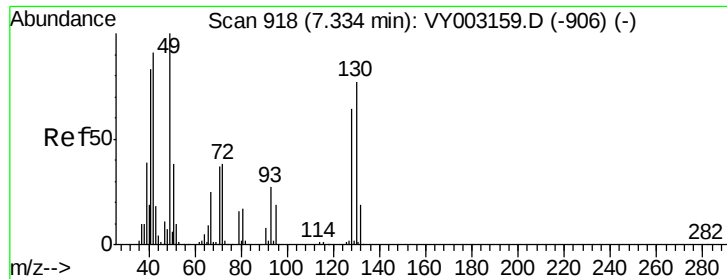
Tot Ion: 83 Resp: 389945
Ion Ratio Lower Upper
83 100
55 68.5 57.2 85.8
98 47.2 41.0 61.6



#40
Benzene
Concen: 50.275 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion: 78 Resp: 894760
Ion Ratio Lower Upper
78 100
77 24.6 20.7 31.1

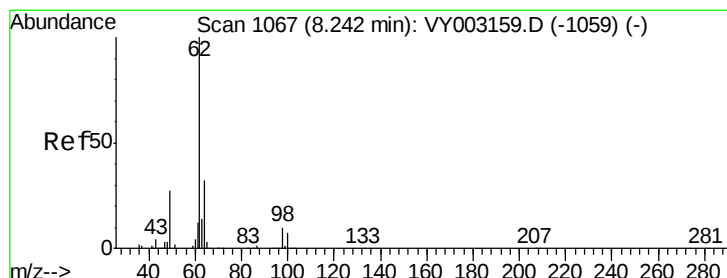
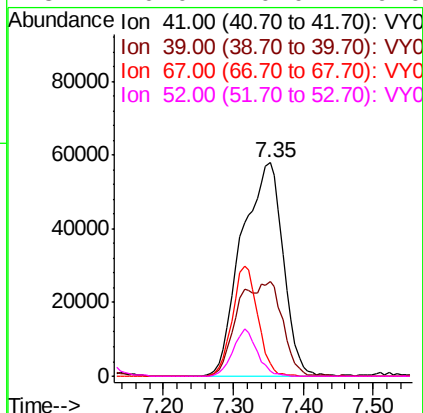
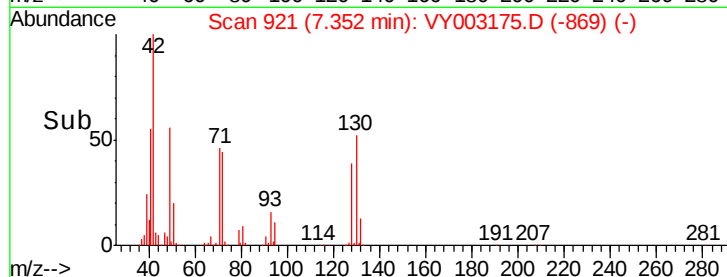
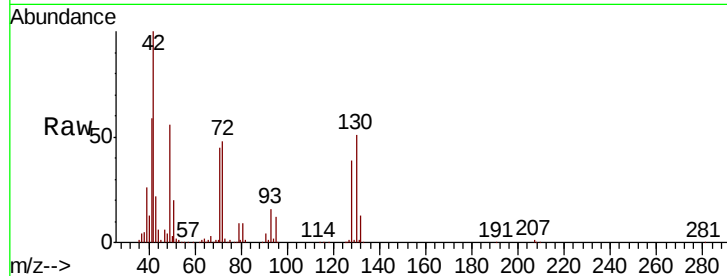




#41
Methacrylonitrile
Concen: 114.088 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

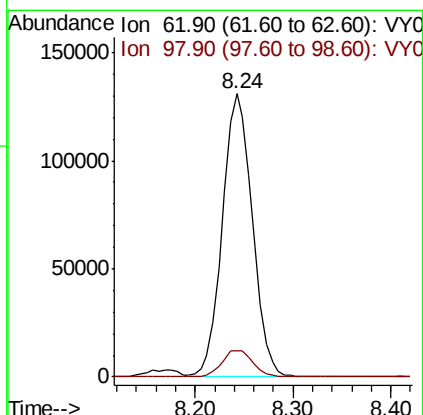
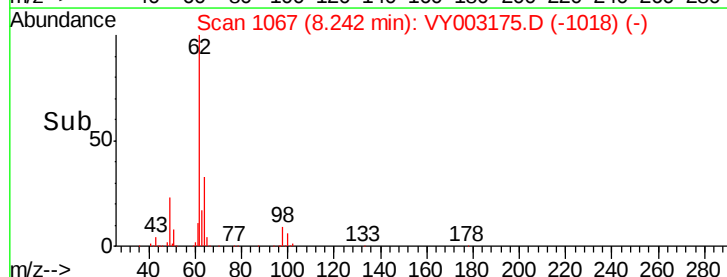
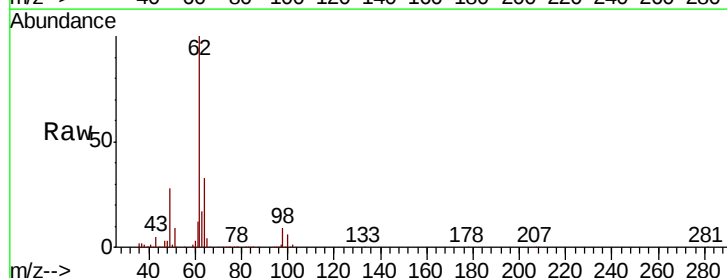
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

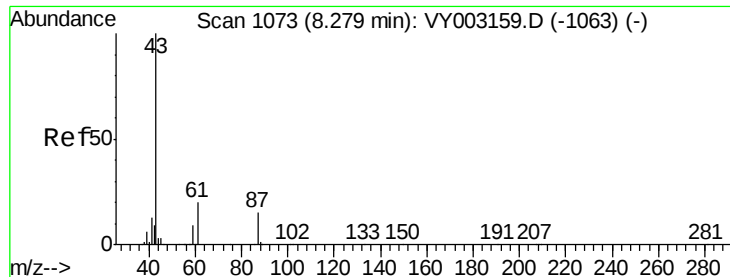
Tot Ion:	41	Resp:	239174
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.770 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion:	62	Resp:	278175
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.0





#43

Isopropyl Acetate

Concen: 52.131 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

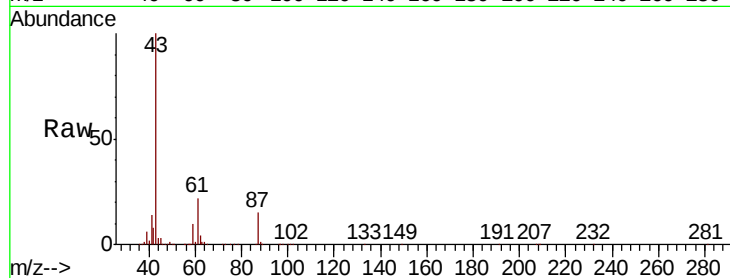
Tot Ion: 43 Resp: 351241

Ion Ratio Lower Upper

43 100

61 29.6 23.7 35.5

87 13.9 11.4 17.0

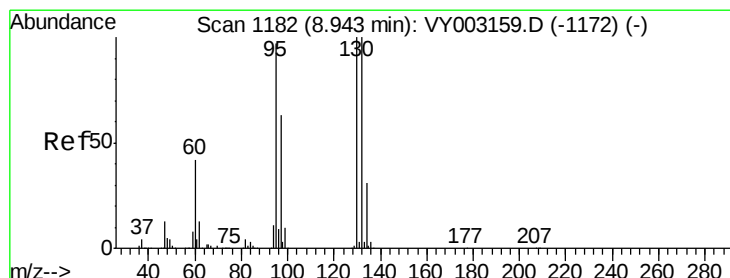
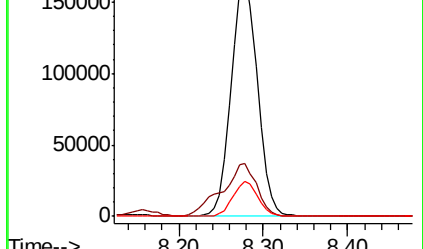
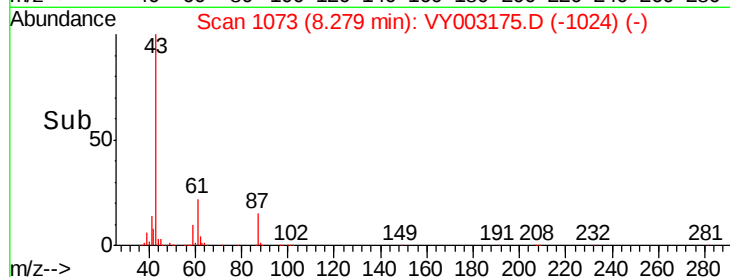


Abundance Ion 43.00 (42.70 to 43.70): VY003175.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003175.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003175.D (-1024) (-)

Time-->



#44

Trichloroethene

Concen: 49.706 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003175.D

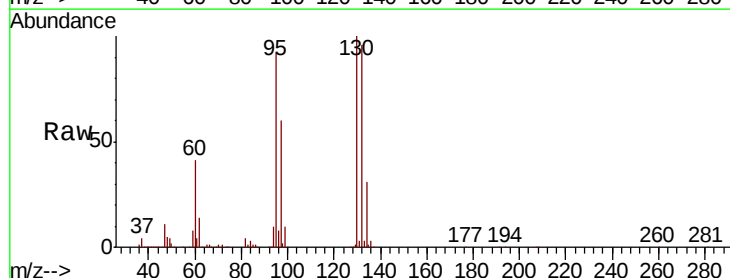
Acq: 10 Jul 2020 19:58

Tgt Ion: 130 Resp: 271187

Ion Ratio Lower Upper

130 100

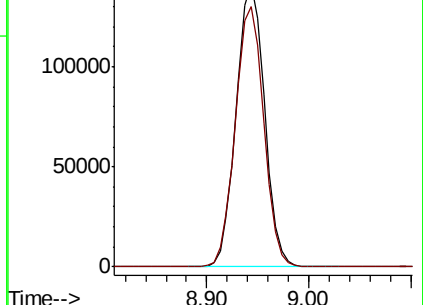
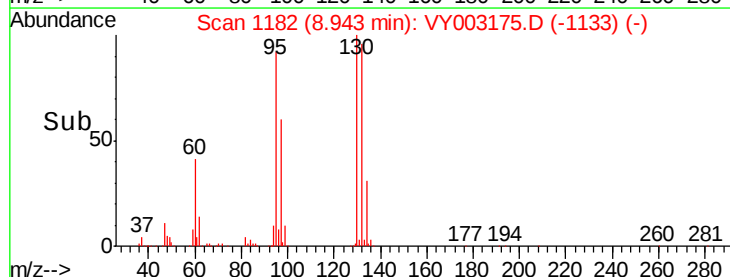
95 92.0 0.0 193.8

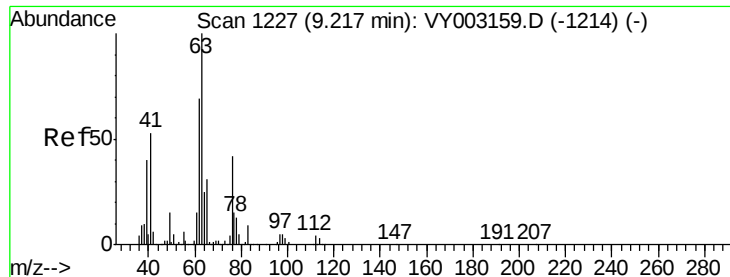


Abundance Ion 129.80 (129.50 to 130.50): VY003175.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003175.D (-1133) (-)

Time-->

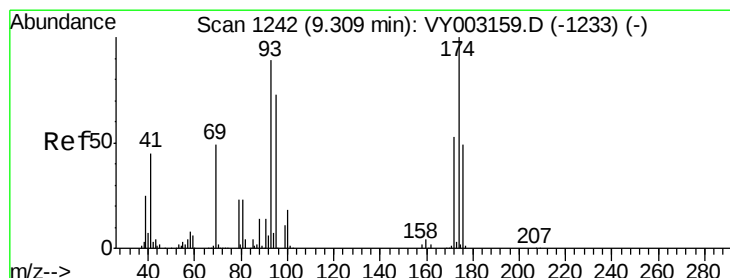
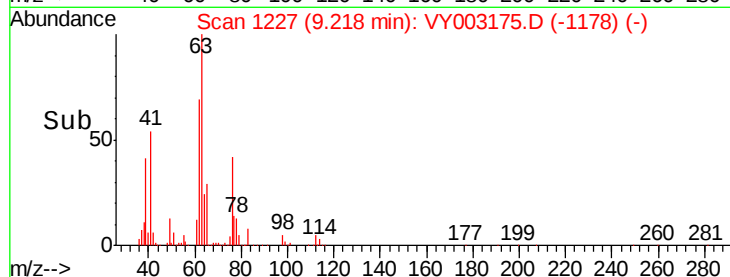
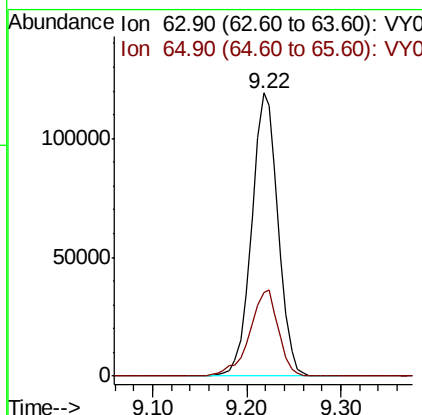
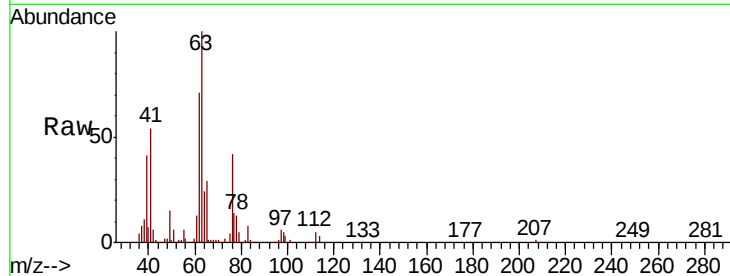




#45
 1,2-Dichloropropane
 Concen: 50.787 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

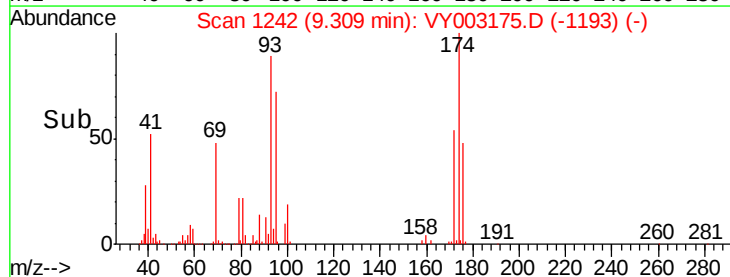
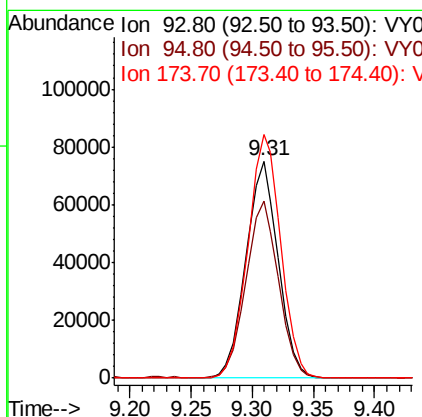
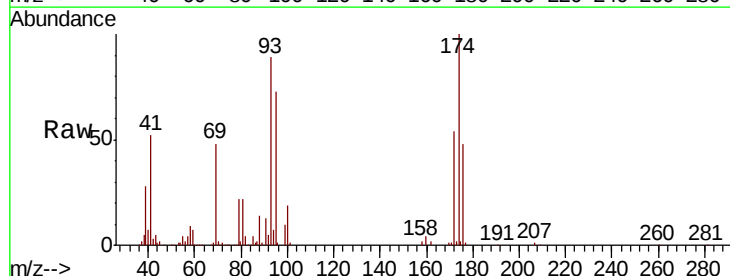
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

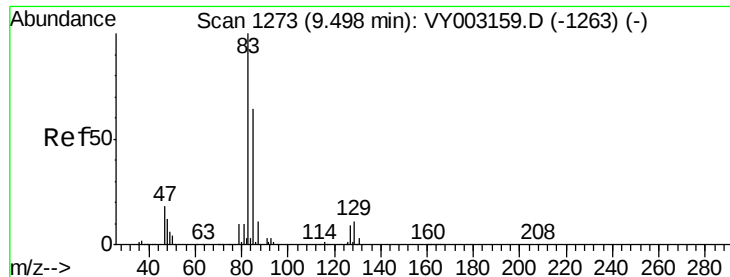
Tot Ion: 63 Resp: 233881
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.0 37.4



#46
 Dibromomethane
 Concen: 51.277 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion: 93 Resp: 137920
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.6 99.8
 174 114.8 90.2 135.4





#47

Bromodichloromethane

Concen: 51.853 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

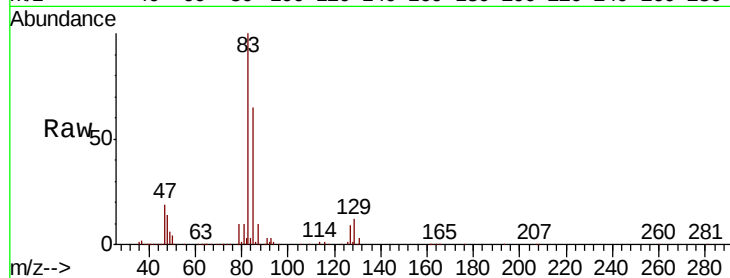
Tot Ion: 83 Resp: 331703

Ion Ratio Lower Upper

83 100

85 64.9 50.9 76.3

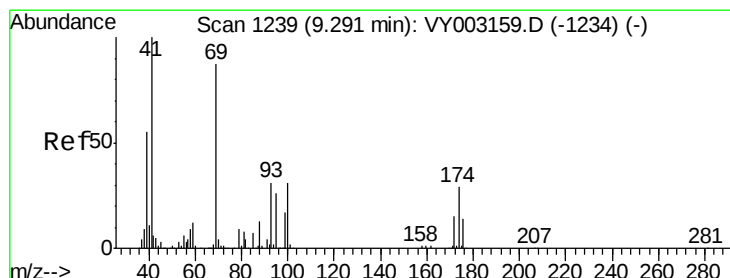
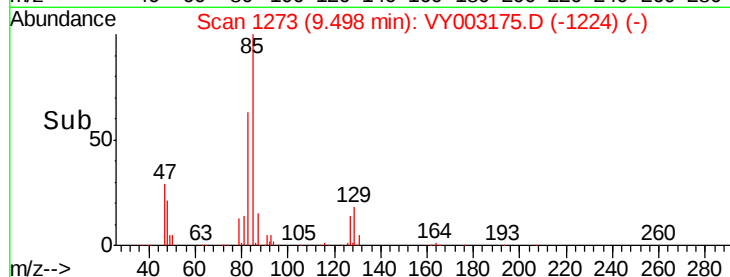
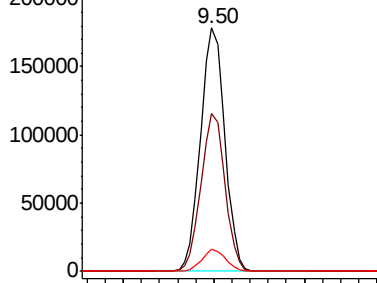
127 8.8 7.0 10.4



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: 52.561 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

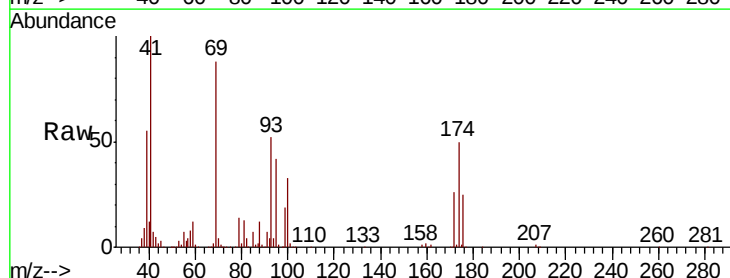
Tgt Ion: 41 Resp: 158319

Ion Ratio Lower Upper

41 100

69 92.8 74.5 111.7

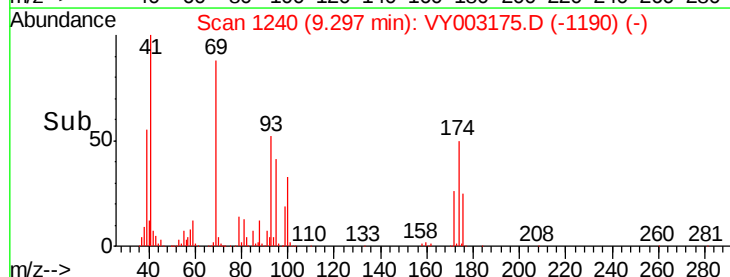
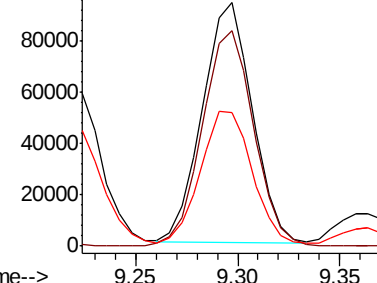
39 59.2 47.5 71.3

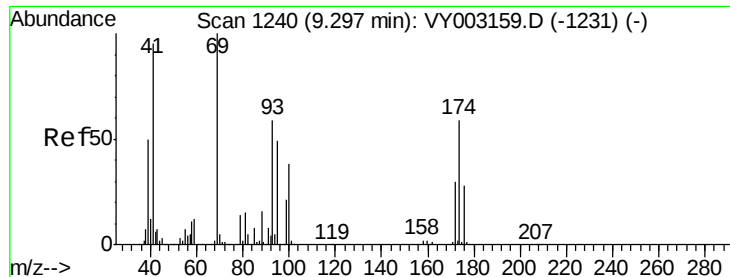


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

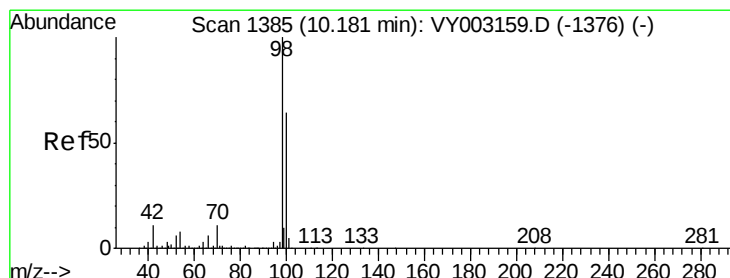
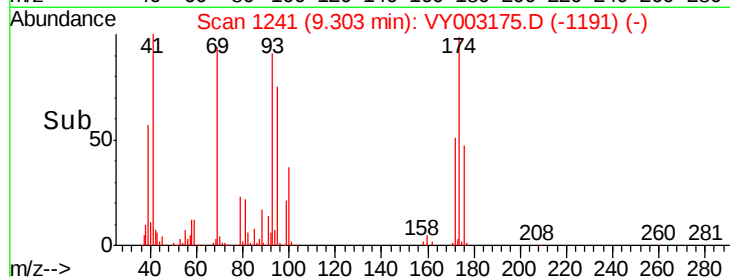
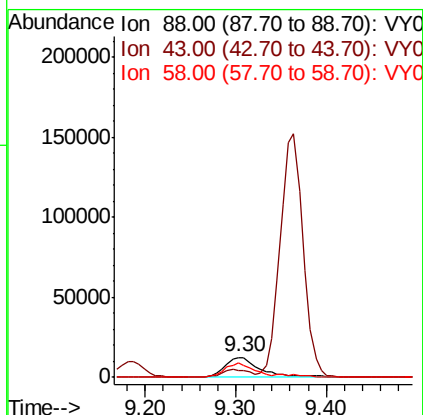
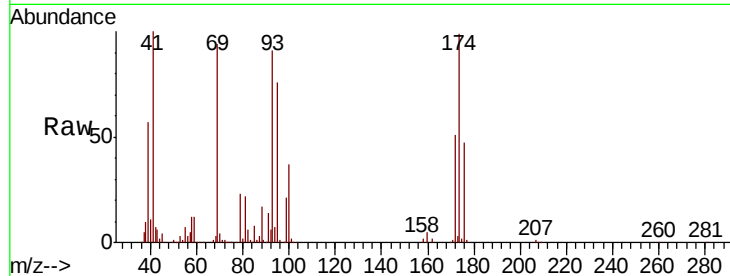




#49
1,4-Dioxane
Concen: 985.802 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

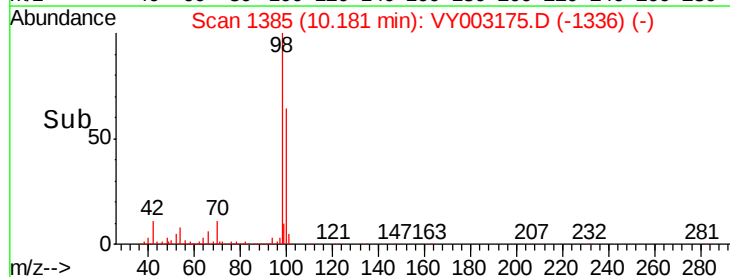
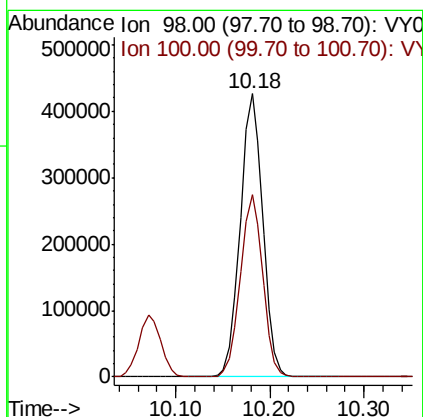
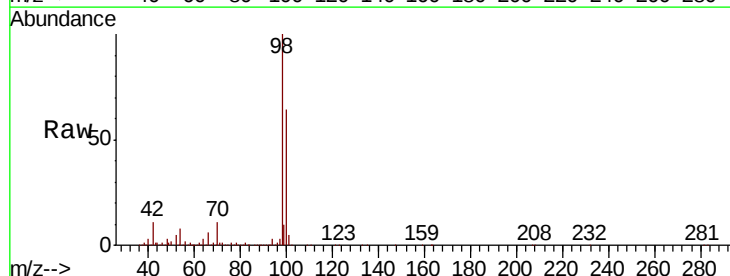
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

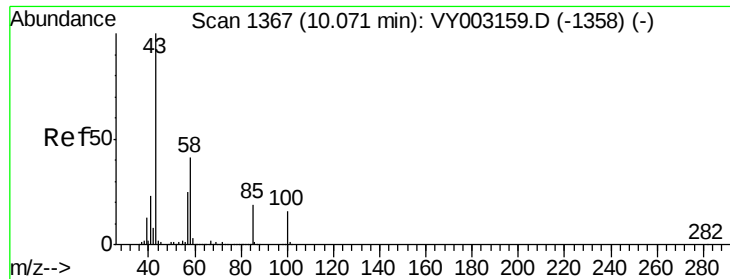
Tot Ion: 88 Resp: 33652
Ion Ratio Lower Upper
88 100
43 30.1 25.6 38.4
58 64.9 47.8 71.6



#50
Toluene-d8
Concen: 46.581 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion: 98 Resp: 710738
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 260.555 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

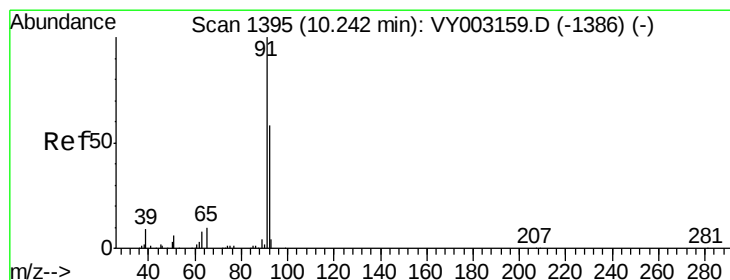
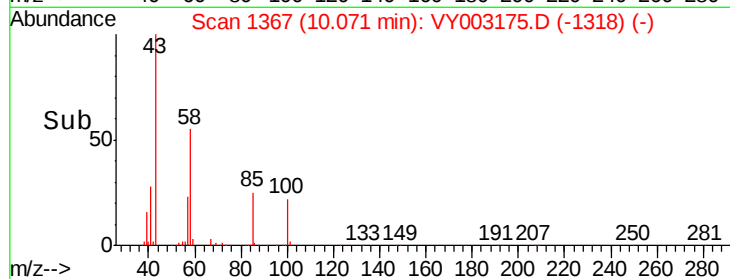
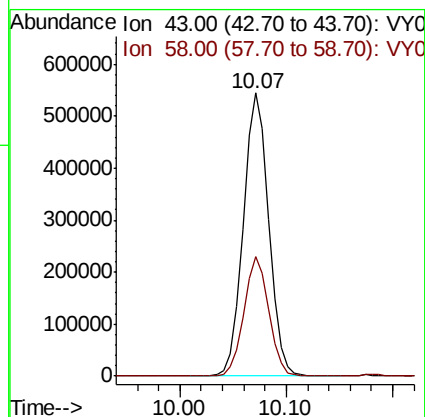
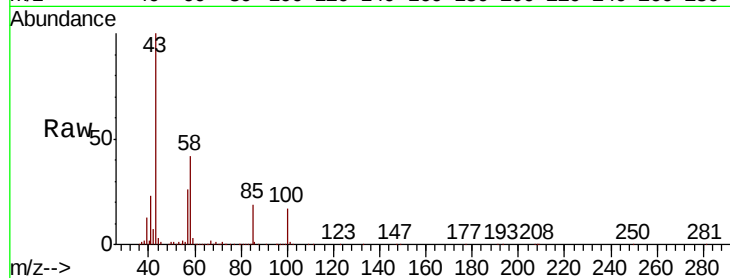
VSTDCCC050EC

Tot Ion: 43 Resp: 912464

Ion Ratio Lower Upper

43 100

58 41.3 32.7 49.1



#52

Toluene

Concen: 50.886 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003175.D

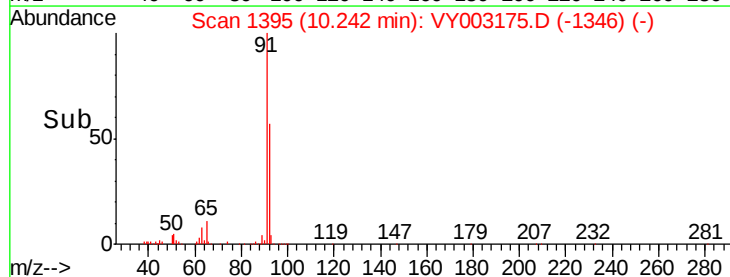
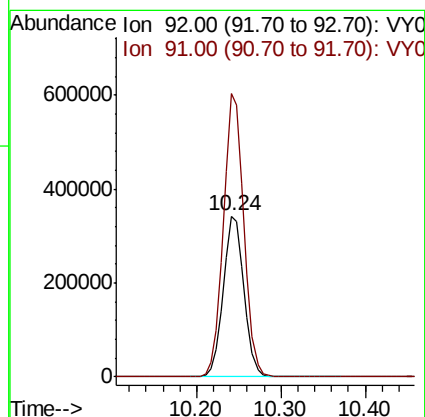
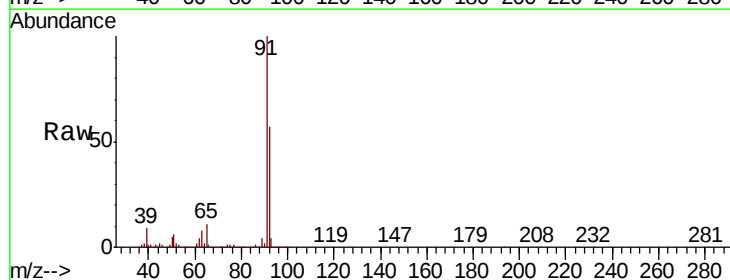
Acq: 10 Jul 2020 19:58

Tgt Ion: 92 Resp: 578852

Ion Ratio Lower Upper

92 100

91 174.3 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 52.288 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

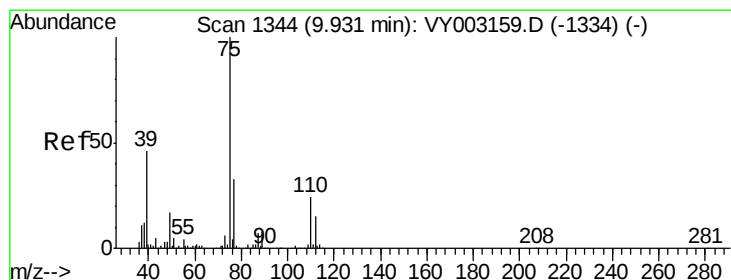
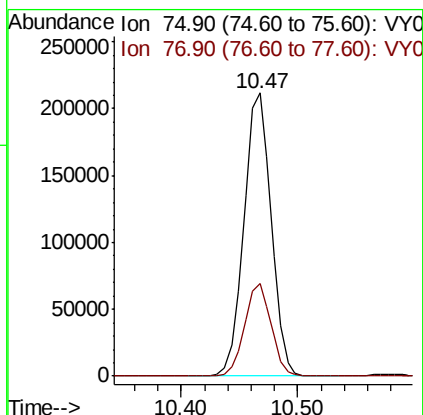
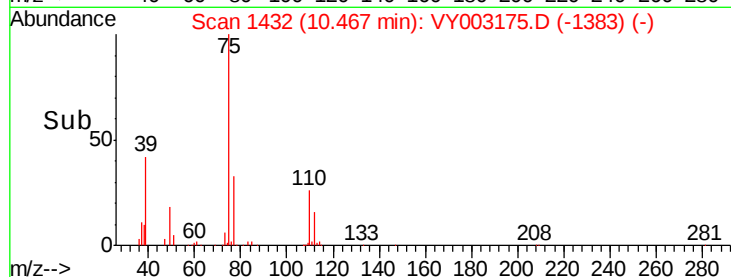
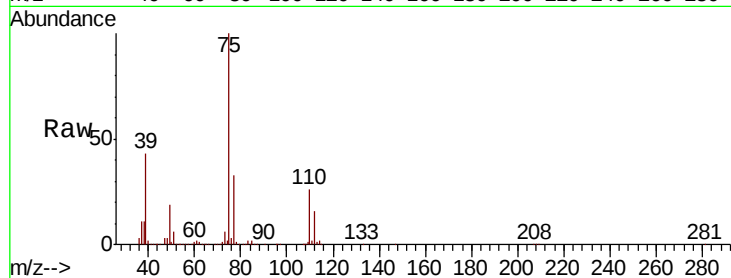
VSTDCCC050EC

Tot Ion: 75 Resp: 346560

Ion Ratio Lower Upper

75 100

77 32.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 51.057 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

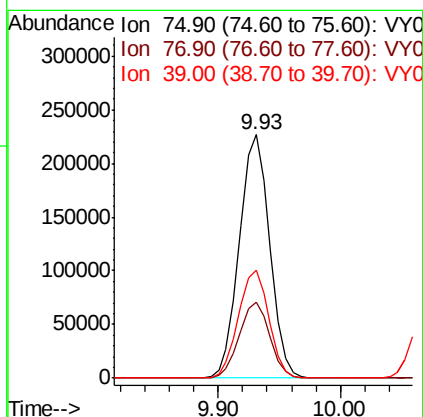
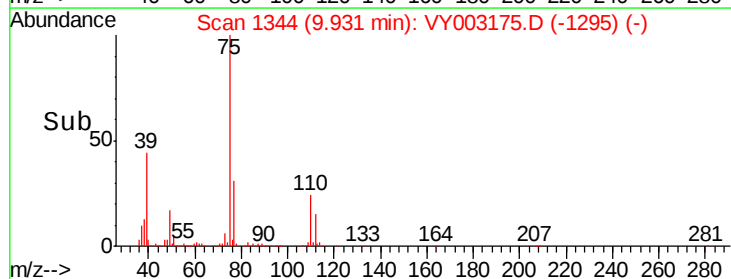
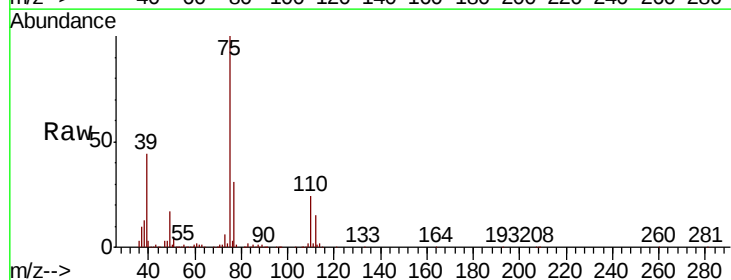
Tgt Ion: 75 Resp: 389899

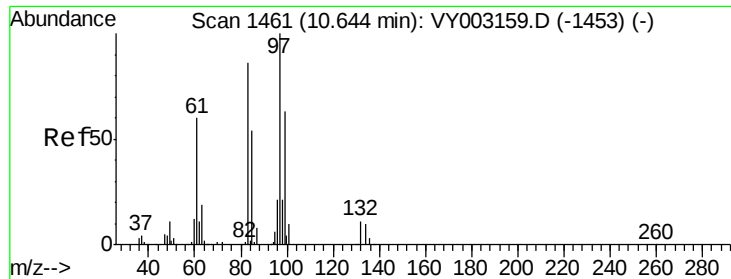
Ion Ratio Lower Upper

75 100

77 31.2 26.7 40.1

39 44.4 37.0 55.6

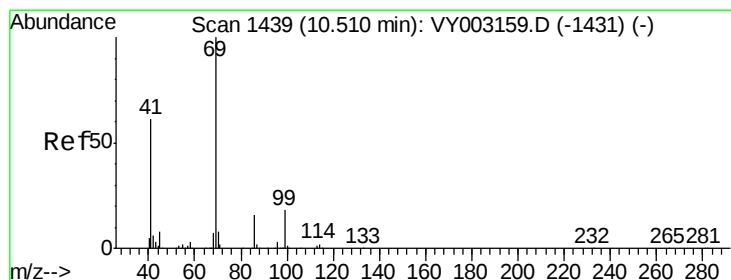
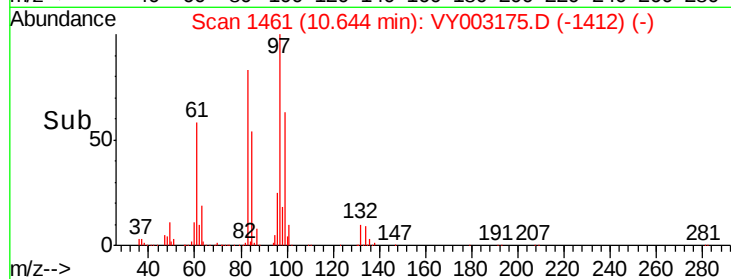
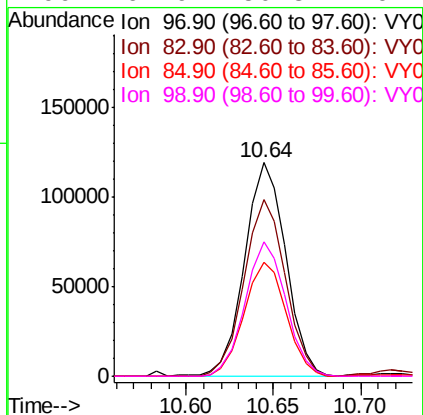
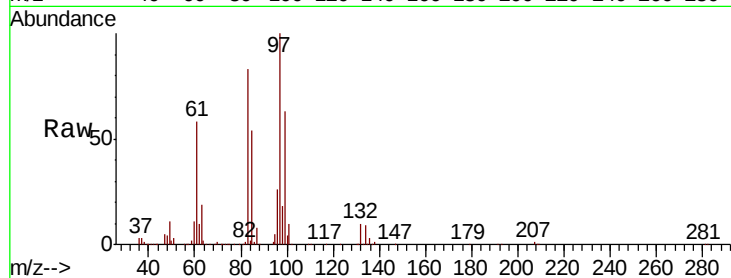




#55
 1,1,2-Trichloroethane
 Concen: 51.322 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

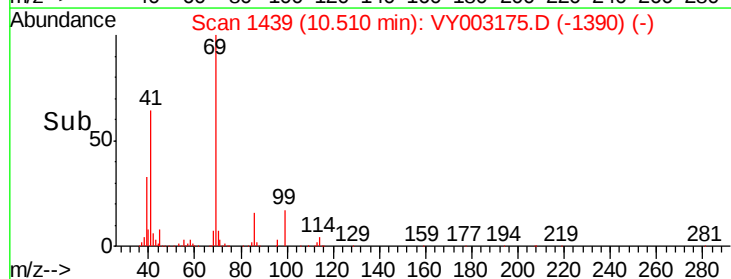
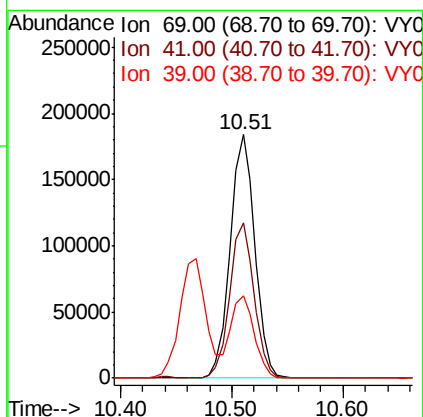
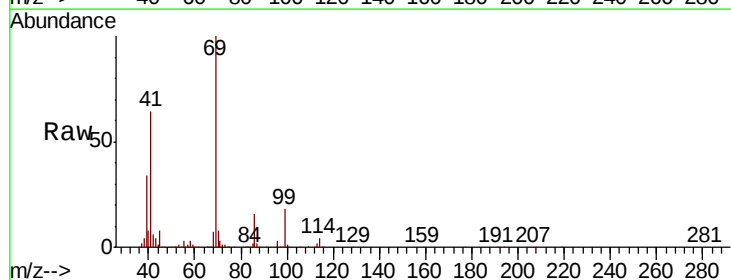
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

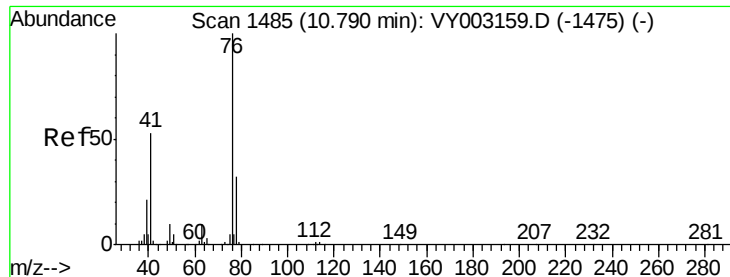
Tot Ion:	97	Resp:	195610
Ion	Ratio	Lower	Upper
97	100		
83	82.5	68.8	103.2
85	53.7	43.1	64.7
99	62.9	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 54.251 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion:	69	Resp:	281114
Ion	Ratio	Lower	Upper
69	100		
41	62.8	50.0	75.0
39	31.6	27.6	41.4





#57

1,3-Dichloropropane

Concen: 51.270 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

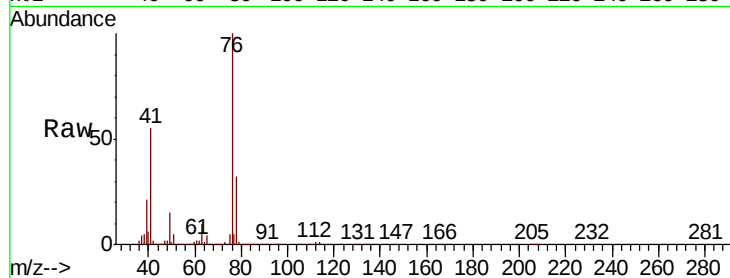
VSTDCCC050EC

Tot Ion: 76 Resp: 331331

Ion Ratio Lower Upper

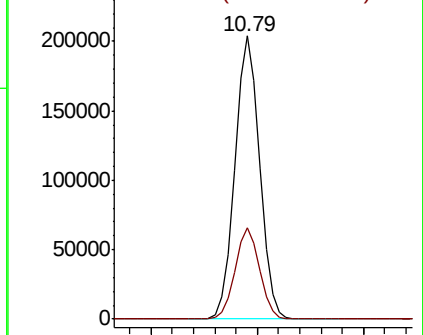
76 100

78 32.0 26.0 39.0

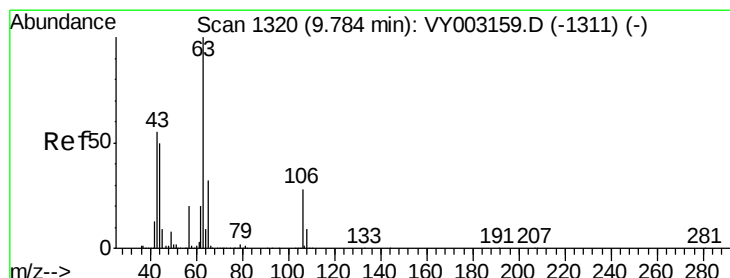
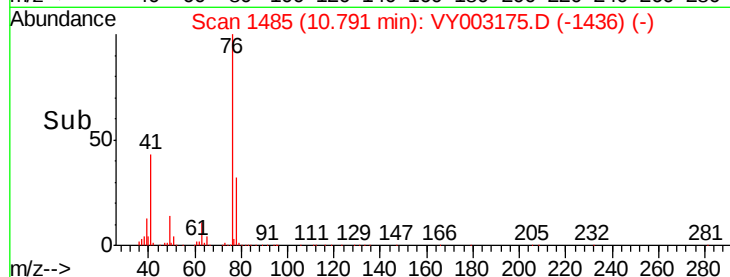


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 246.616 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003175.D

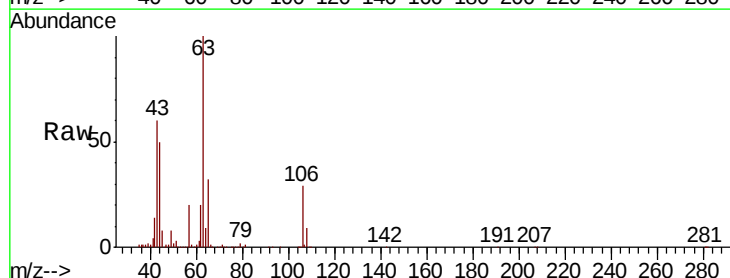
Acq: 10 Jul 2020 19:58

Tgt Ion: 63 Resp: 651728

Ion Ratio Lower Upper

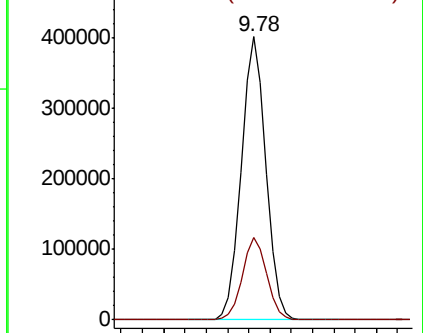
63 100

106 28.8 22.9 34.3

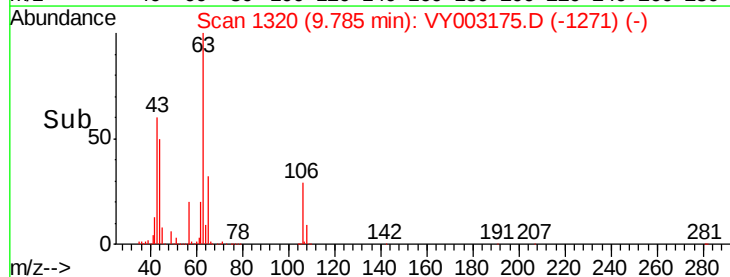


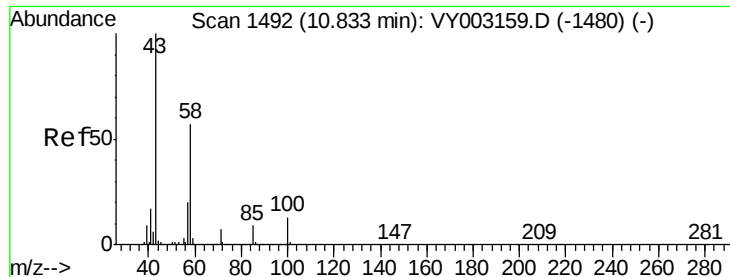
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

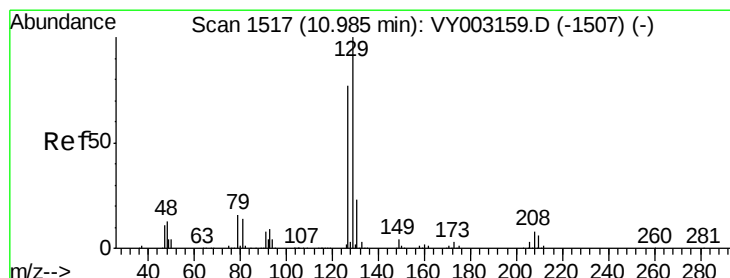
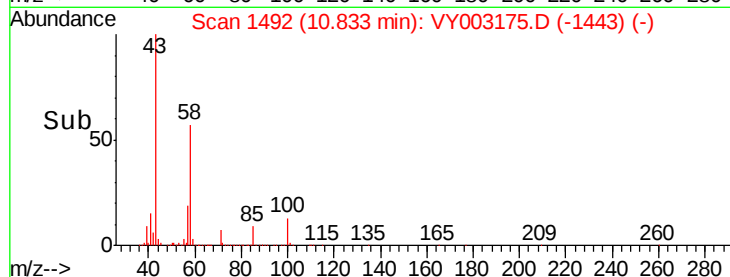
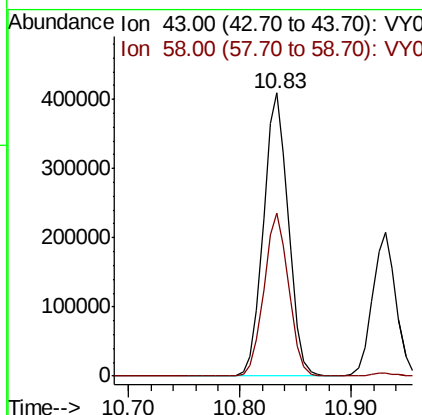
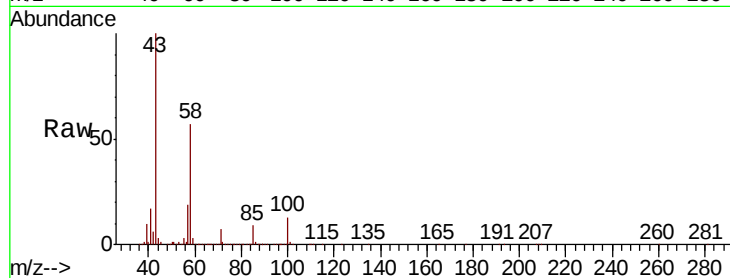




#59
2-Hexanone
Concen: 260.625 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

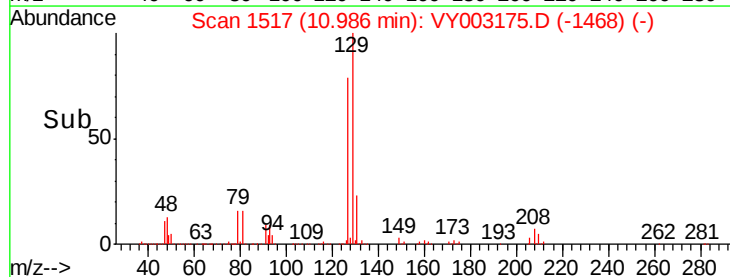
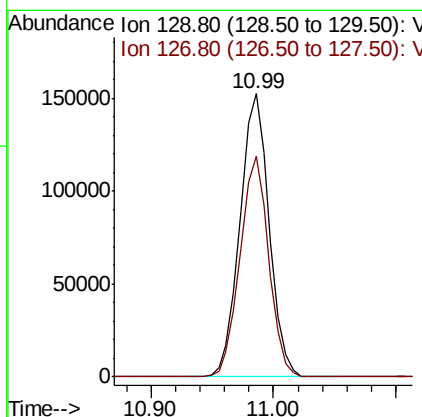
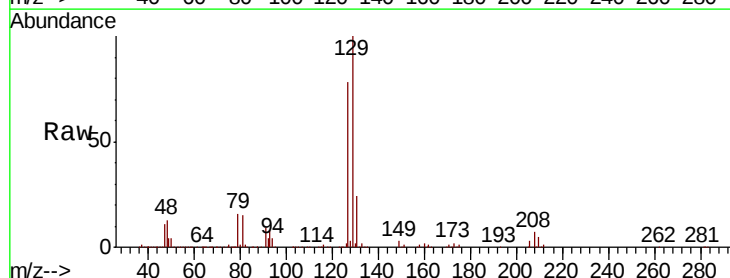
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

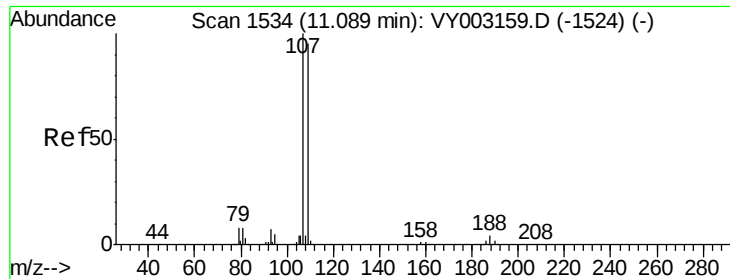
Tot Ion: 43 Resp: 637138
Ion Ratio Lower Upper
43 100
58 57.2 28.3 85.0



#60
Dibromochloromethane
Concen: 52.446 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion: 129 Resp: 251415
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

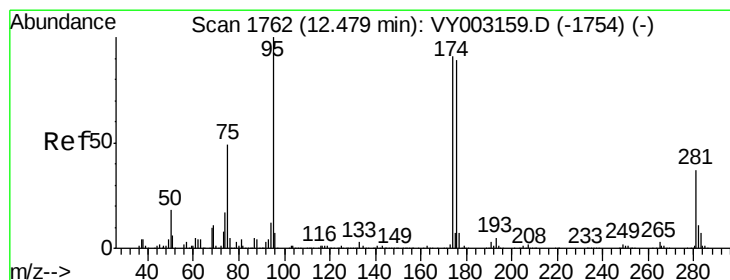
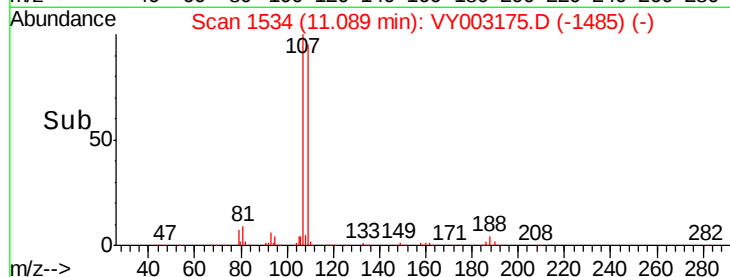
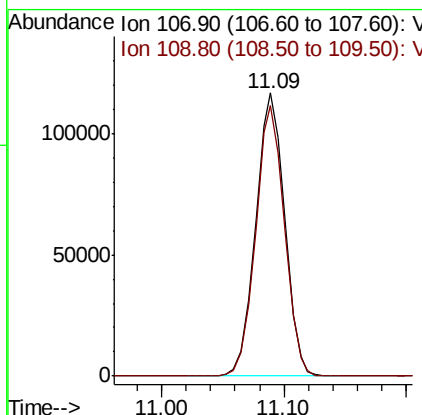
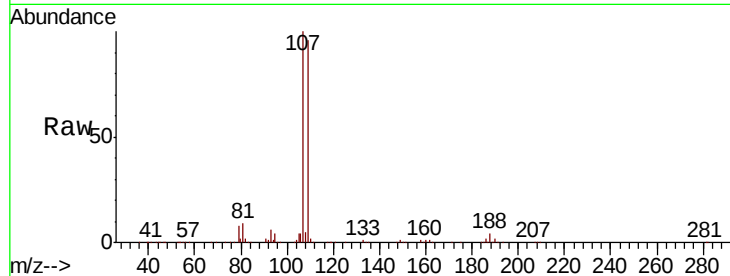




#61
 1,2-Dibromoethane
 Concen: 51.016 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

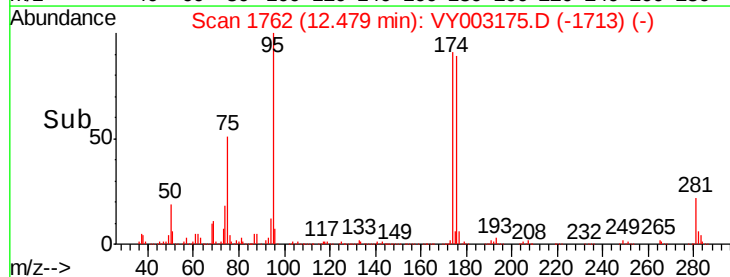
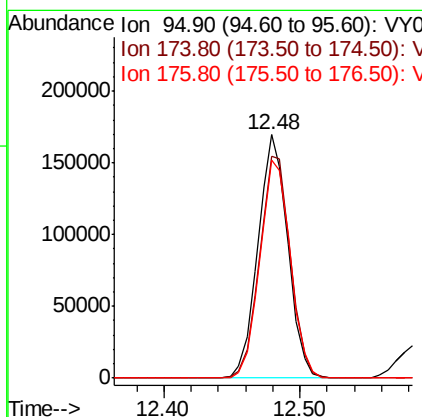
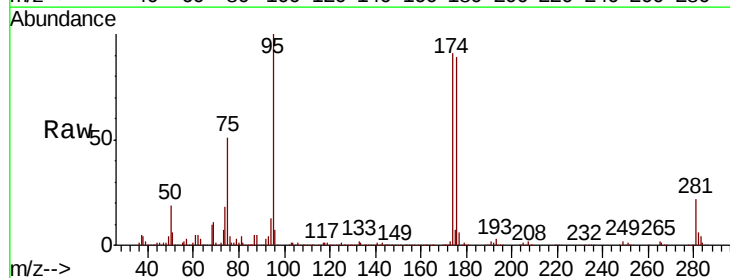
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 191909
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 47.332 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion: 95 Resp: 260901
 Ion Ratio Lower Upper
 95 100
 174 94.1 0.0 190.6
 176 91.5 0.0 186.4

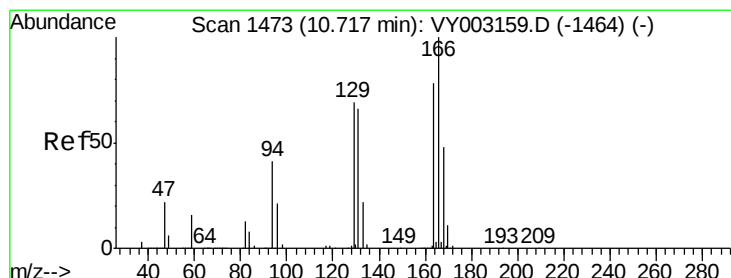
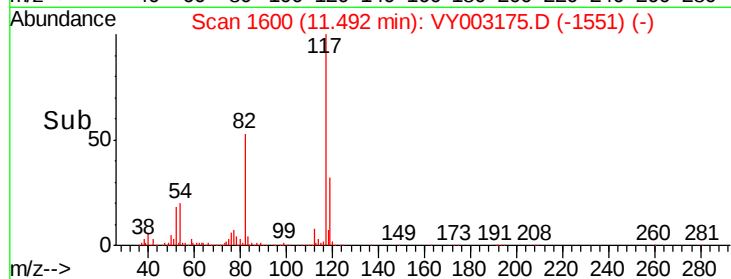
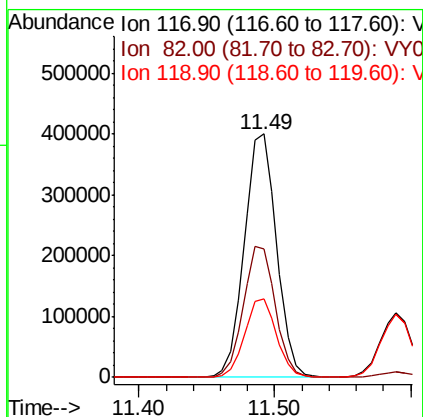
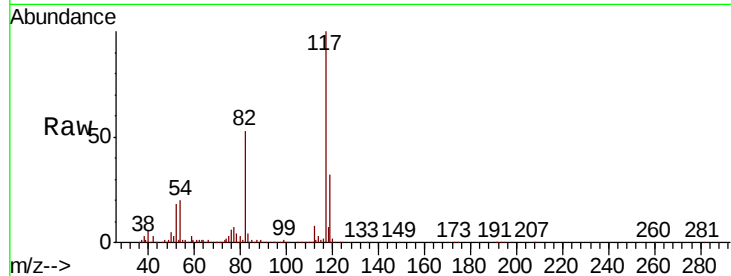




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

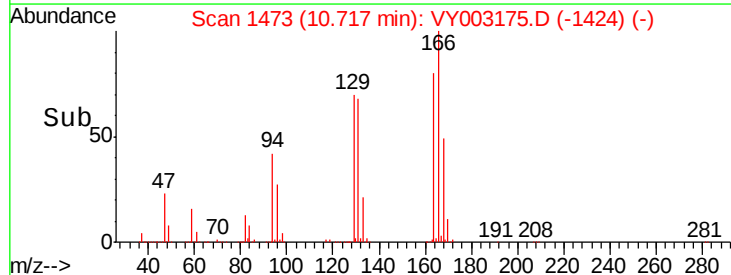
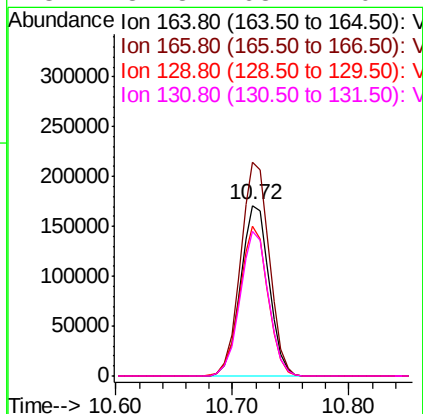
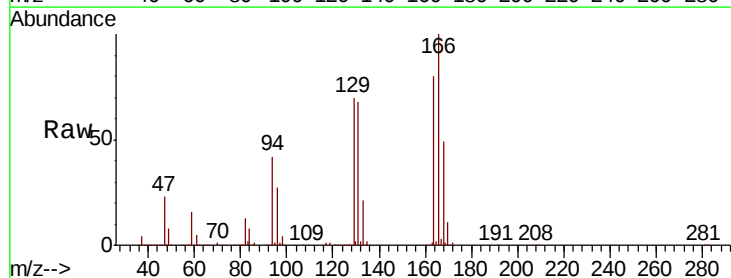
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

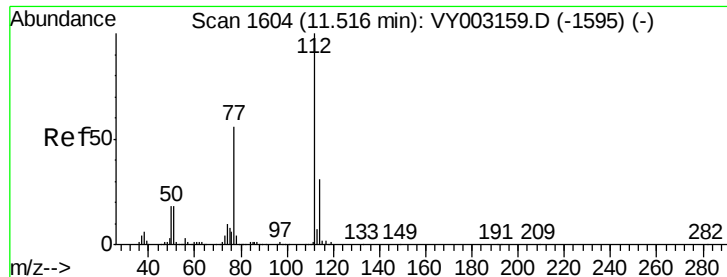
Tot Ion:117 Resp: 661832
Ion Ratio Lower Upper
117 100
82 52.8 42.0 63.0
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 49.403 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion:164 Resp: 291531
Ion Ratio Lower Upper
164 100
166 125.4 102.9 154.3
129 88.0 71.4 107.2
131 84.8 68.1 102.1

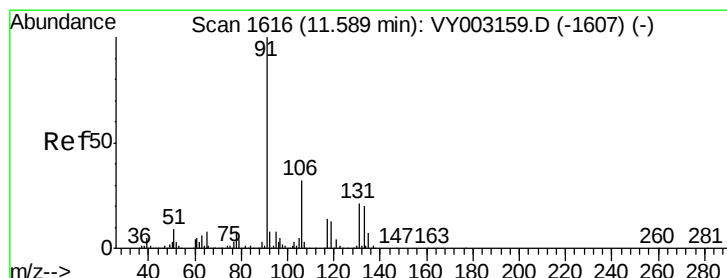
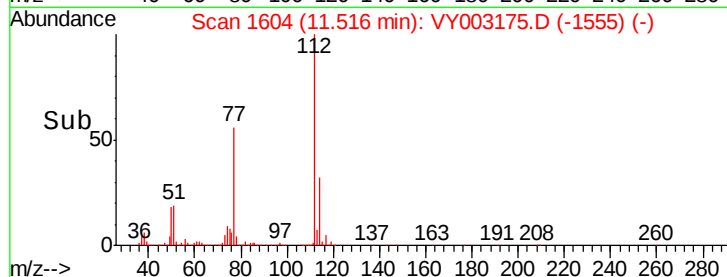
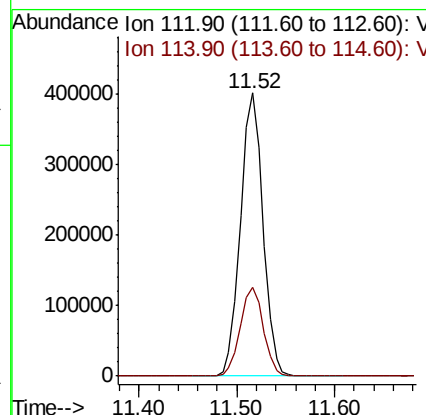
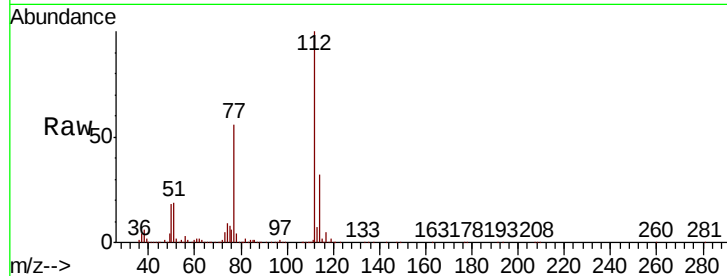




#65
Chlorobenzene
Concen: 50.220 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

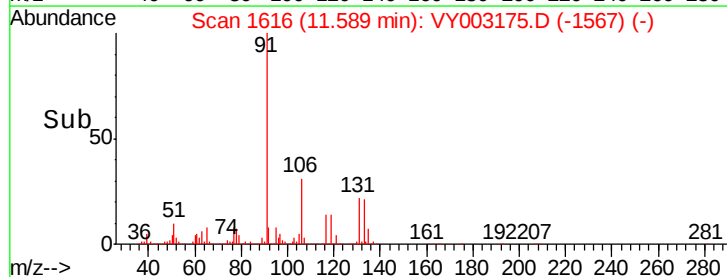
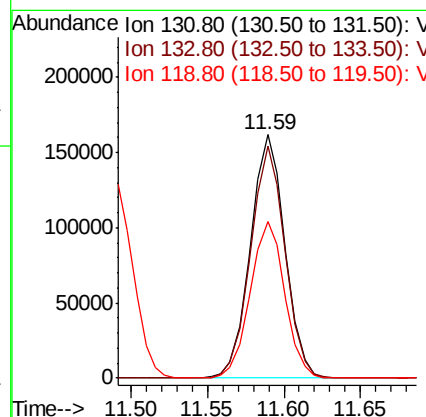
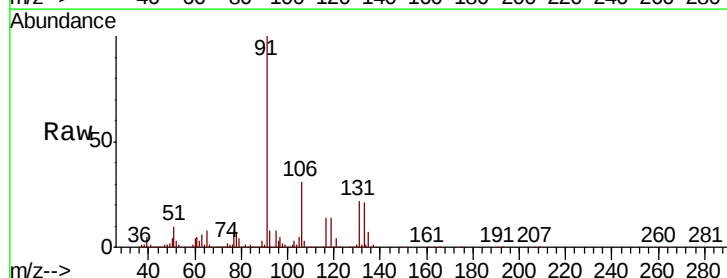
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

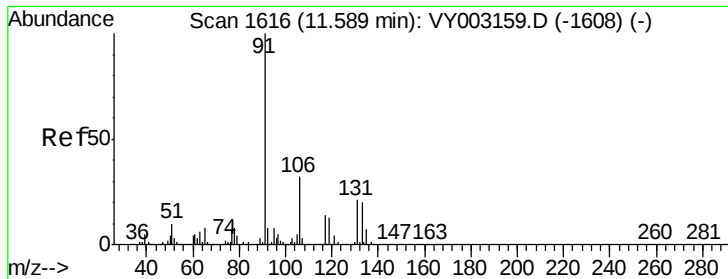
Tot Ion:112 Resp: 640295
Ion Ratio Lower Upper
112 100
114 31.5 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.177 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion:131 Resp: 253428
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.0
119 64.7 32.4 97.0

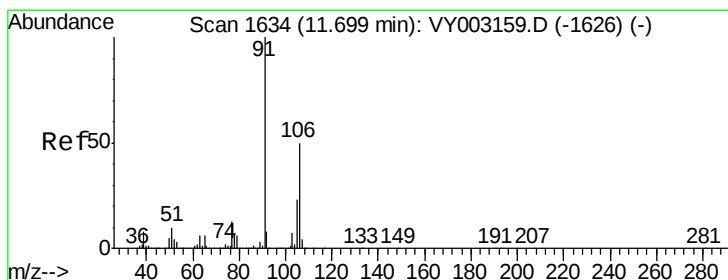
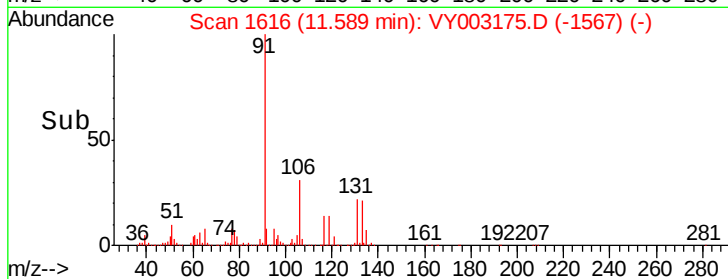
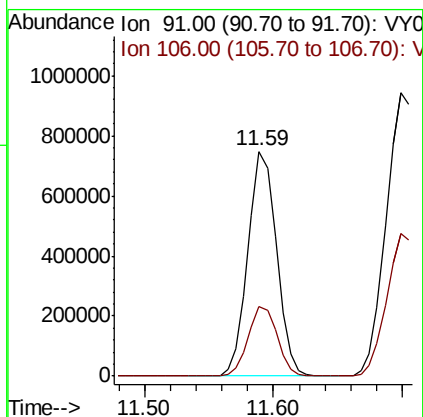
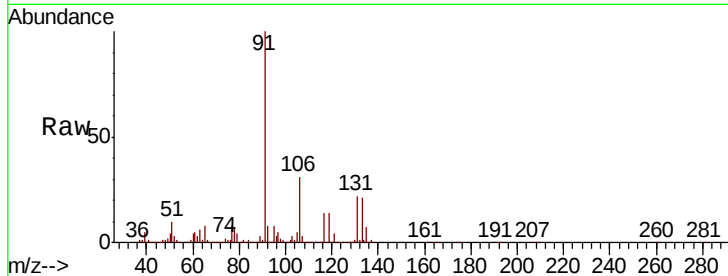




#67
Ethyl Benzene
Concen: 50.356 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

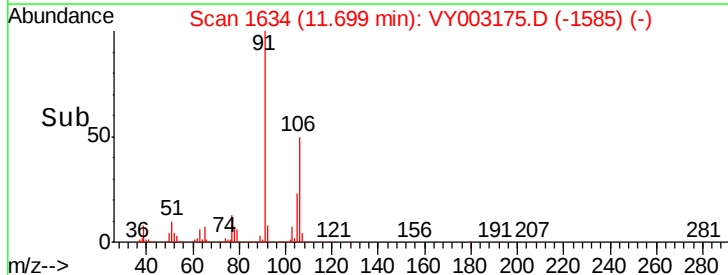
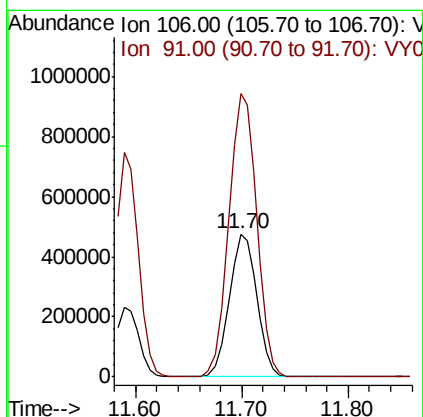
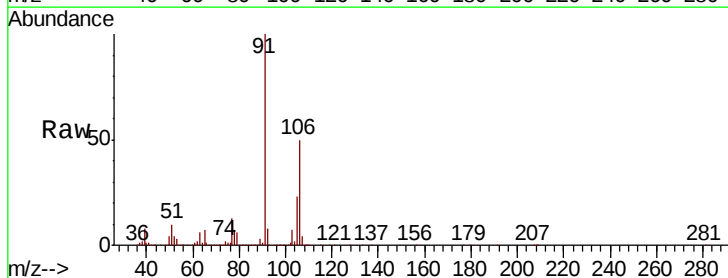
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

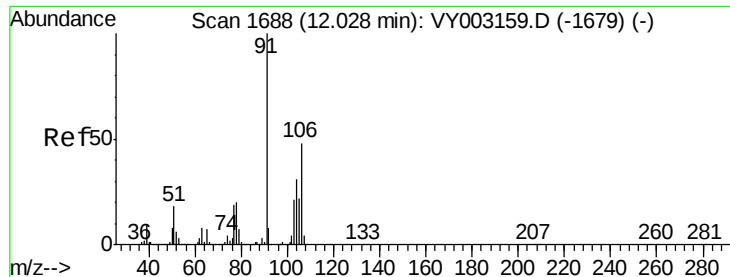
Tot Ion: 91 Resp: 1146344
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



#68
m/p-Xylenes
Concen: 99.549 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion: 106 Resp: 859864
Ion Ratio Lower Upper
106 100
91 201.4 159.0 238.6

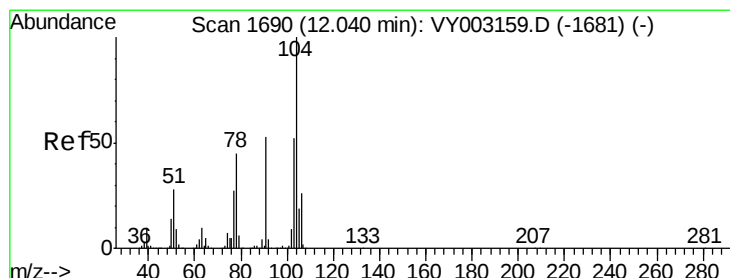
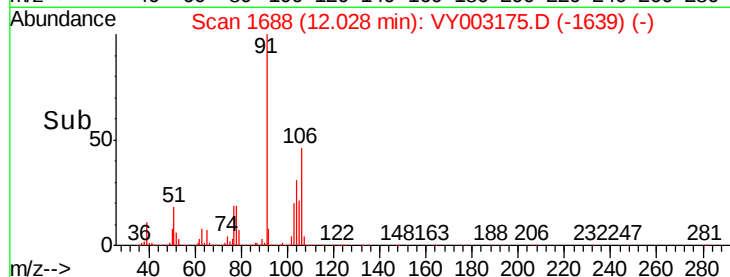
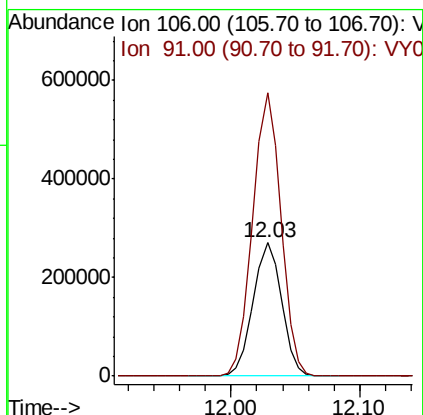
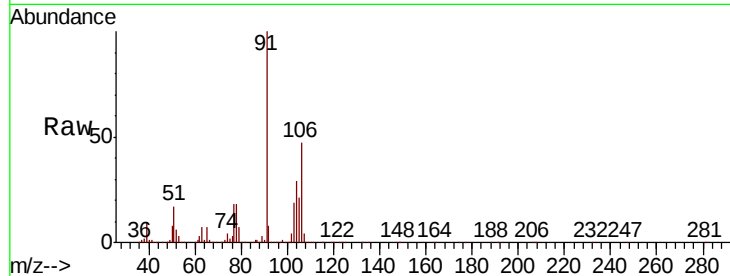




#69
o-Xylene
Concen: 51.165 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

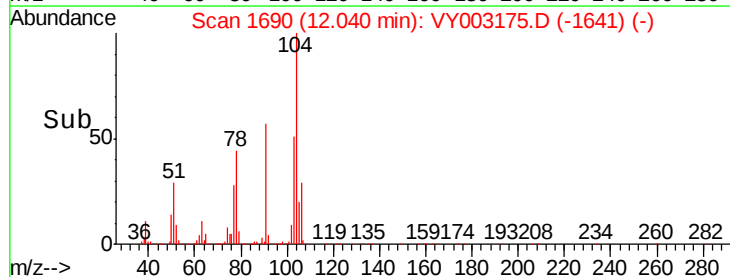
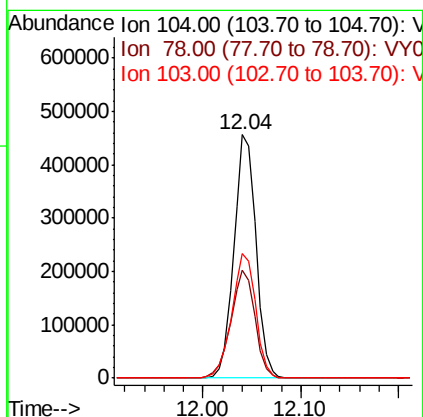
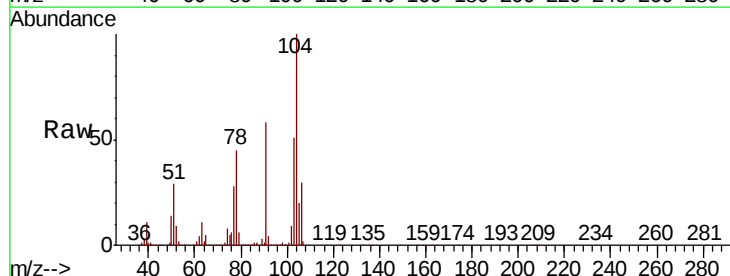
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

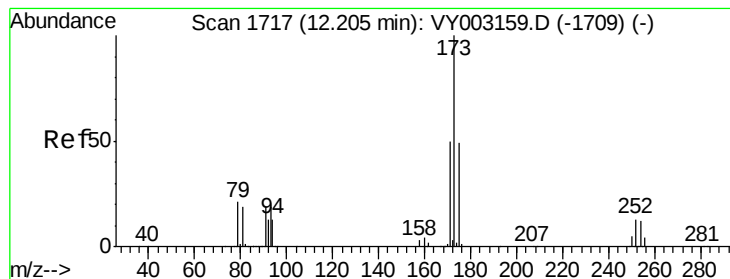
Tot Ion:106 Resp: 412875
Ion Ratio Lower Upper
106 100
91 210.6 105.1 315.1



#70
Styrene
Concen: 51.591 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion:104 Resp: 712161
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 55.2 43.9 65.9





#71

Bromoform

Concen: 51.620 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

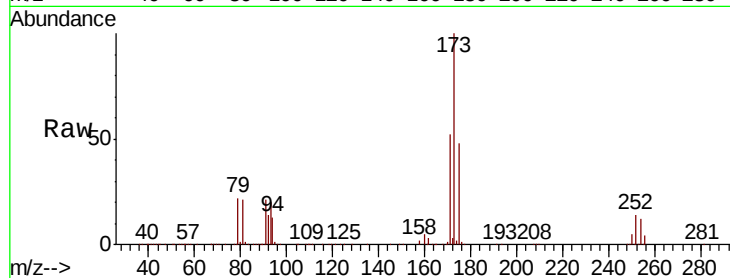
Tot Ion:173 Resp: 167772

Ion Ratio Lower Upper

173 100

175 48.5 24.3 73.0

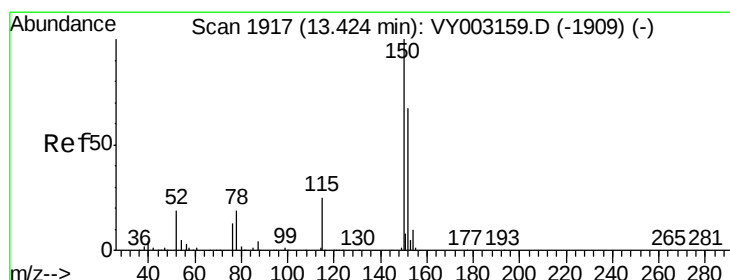
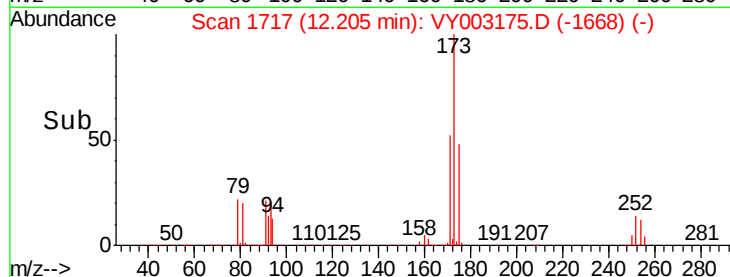
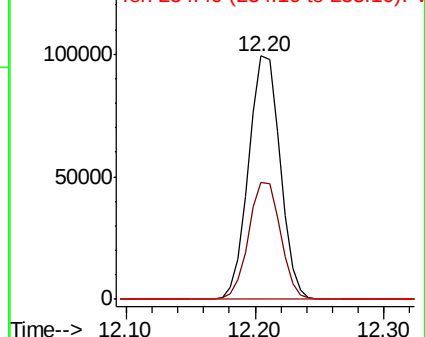
254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

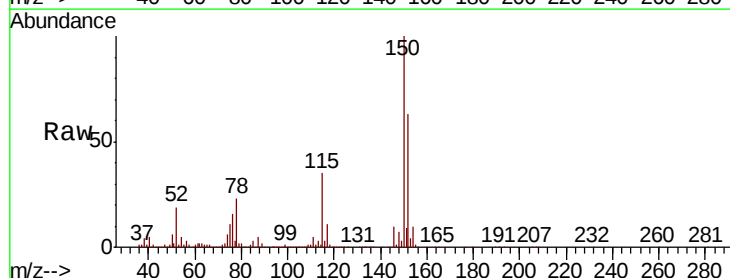
Tgt Ion:152 Resp: 343999

Ion Ratio Lower Upper

152 100

115 54.9 26.9 80.7

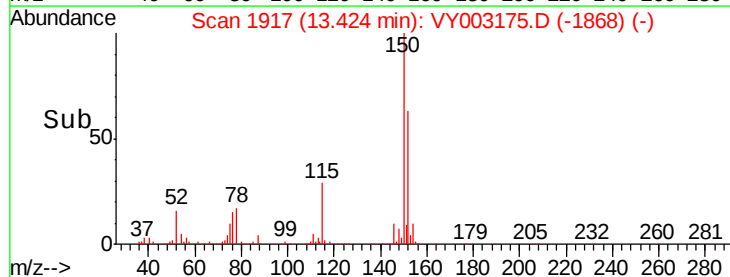
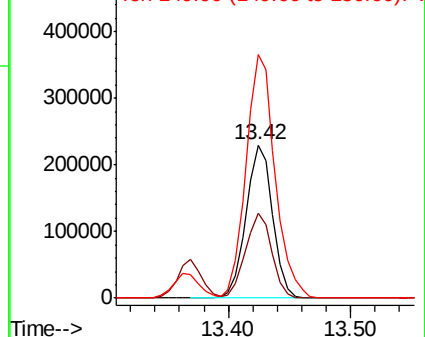
150 174.2 0.0 338.0

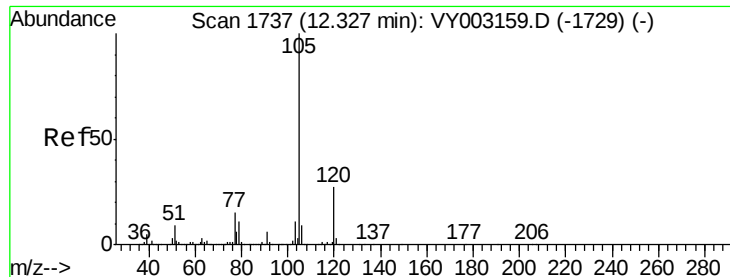


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.589 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

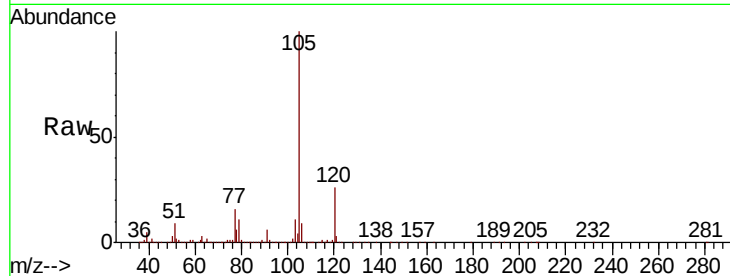
VSTDCCC050EC

Tot Ion:105 Resp: 1109001

Ion Ratio Lower Upper

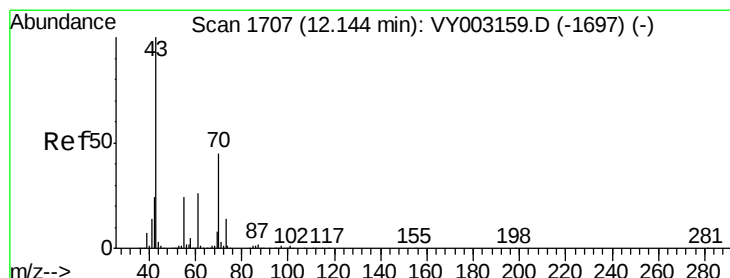
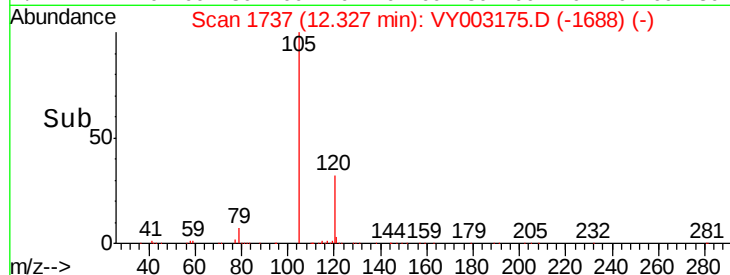
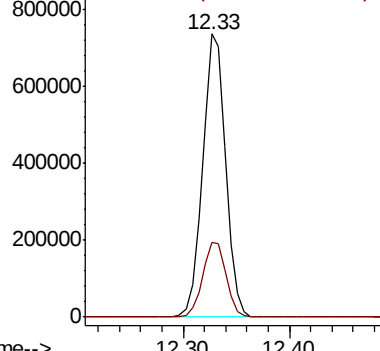
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.844 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Tgt Ion: 43 Resp: 337348

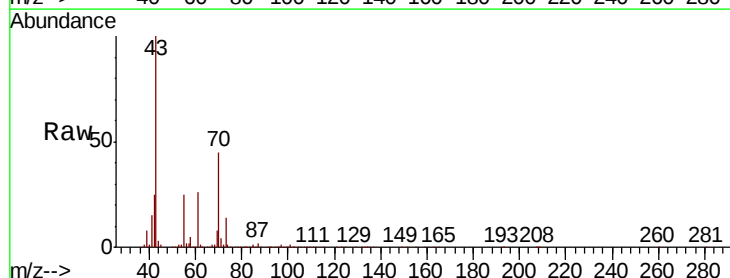
Ion Ratio Lower Upper

43 100

70 44.1 35.6 53.4

55 24.1 19.4 29.2

61 26.1 20.8 31.2

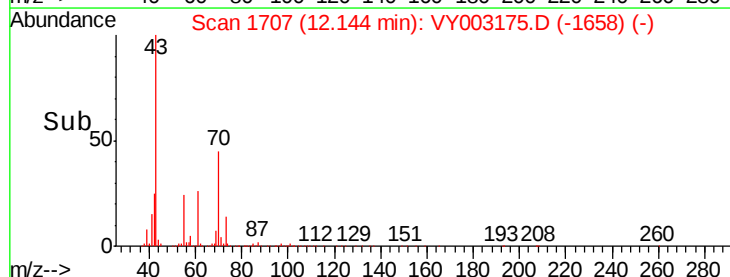
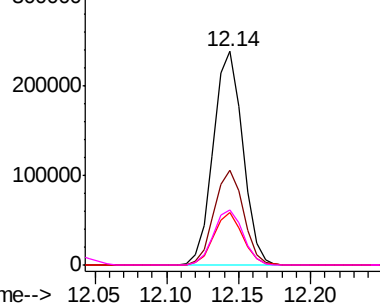


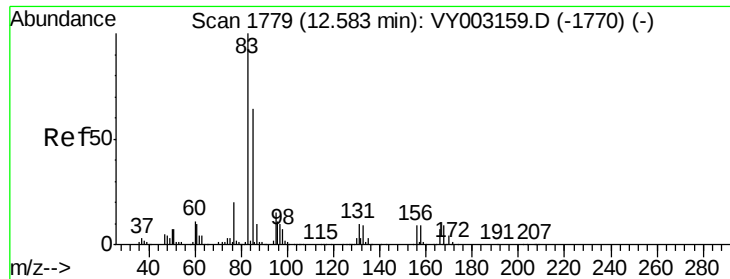
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.134 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

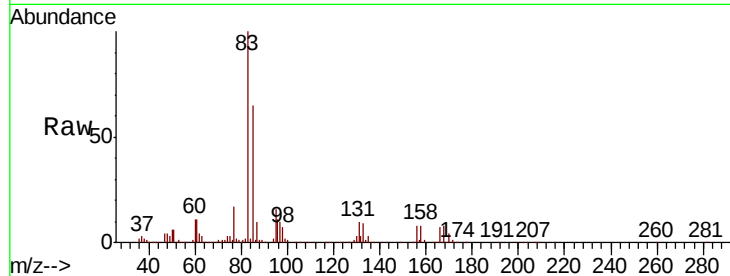
Tot Ion: 83 Resp: 216496

Ion Ratio Lower Upper

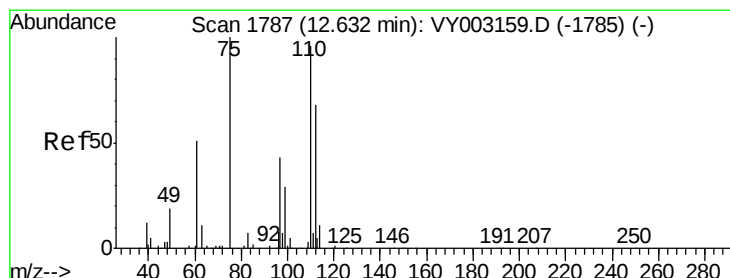
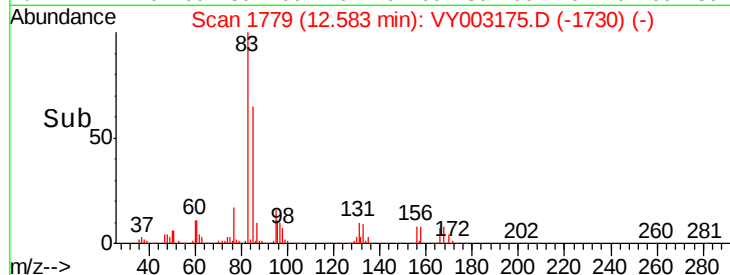
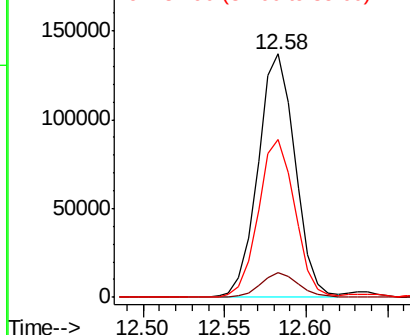
83 100

131 10.6 5.2 15.6

85 64.2 32.0 96.0



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



#76

1,2,3-Trichloropropane

Concen: 99.749 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003175.D

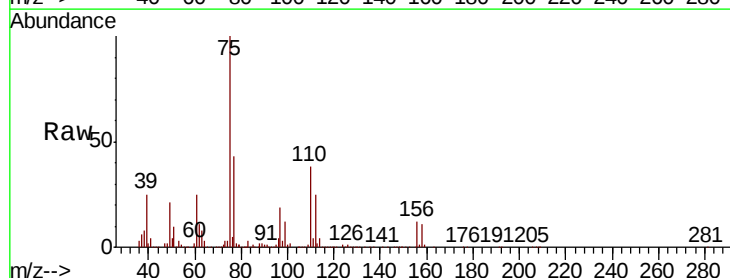
Acq: 10 Jul 2020 19:58

Tgt Ion: 75 Resp: 303733

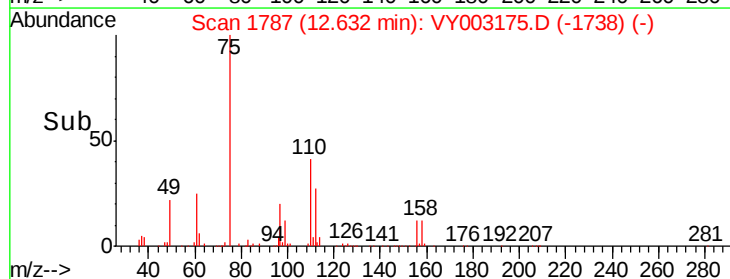
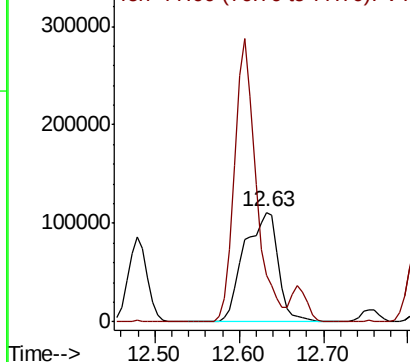
Ion Ratio Lower Upper

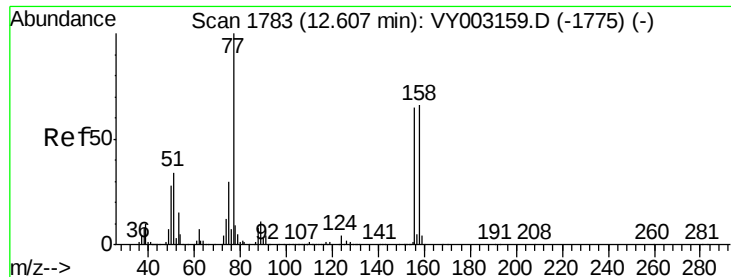
75 100

77 0.0 0.0 0.0



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

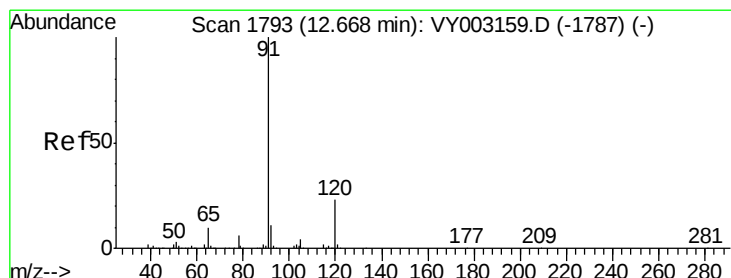
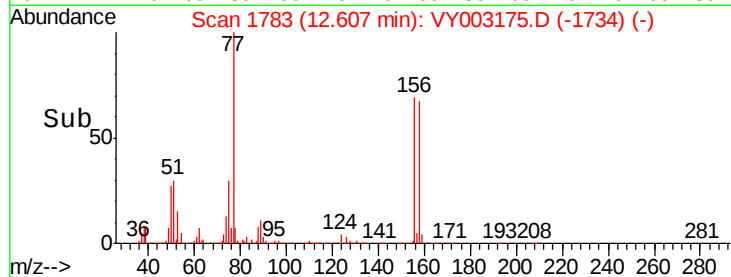
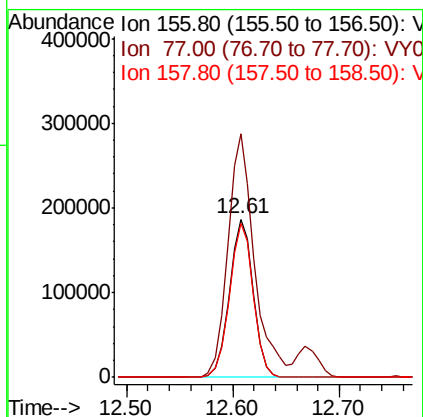
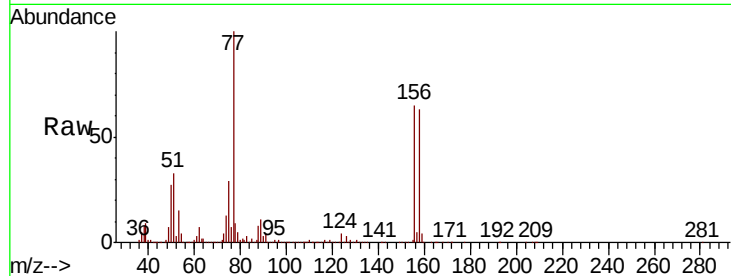




#77
Bromobenzene
Concen: 51.804 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

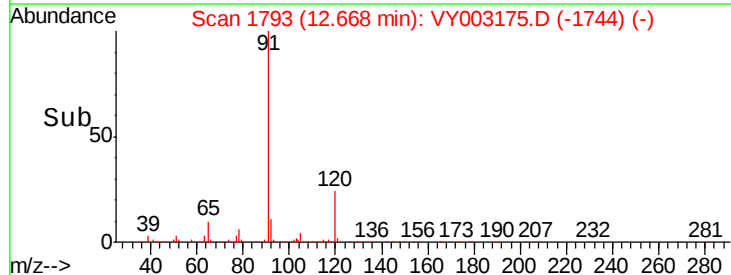
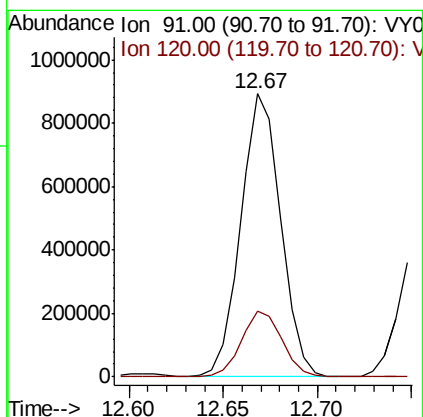
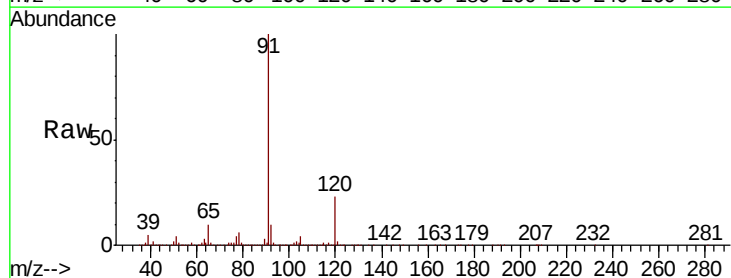
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

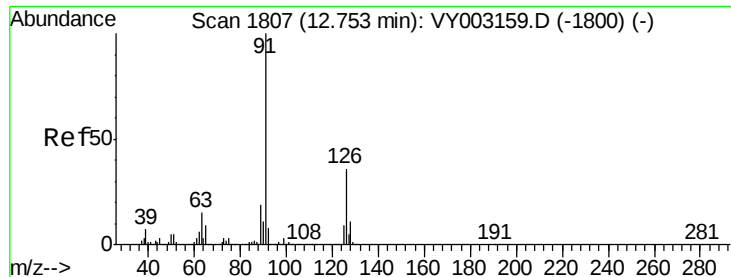
Tot Ion	Ratio	Lower	Upper
156	100		
77	172.3	86.6	259.7
158	97.7	49.4	148.0



#78
n-propylbenzene
Concen: 50.588 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.7	35.1





#79

2-Chlorotoluene

Concen: 51.466 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

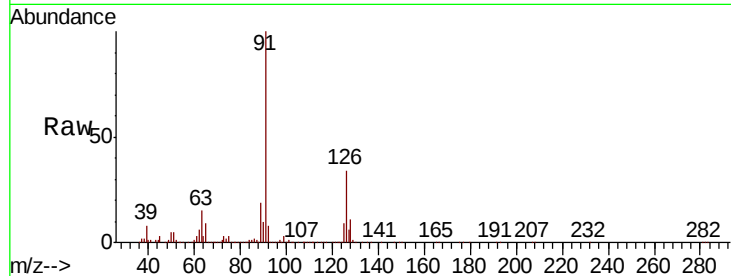
VSTDCCC050EC

Tot Ion: 91 Resp: 742005

Ion Ratio Lower Upper

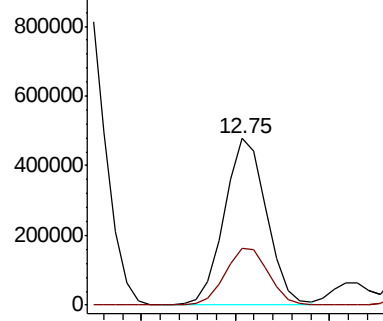
91 100

126 35.2 17.6 52.9

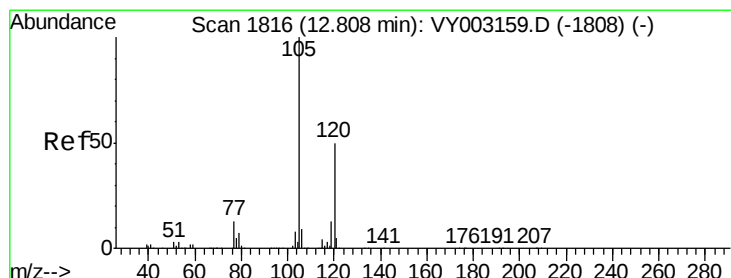
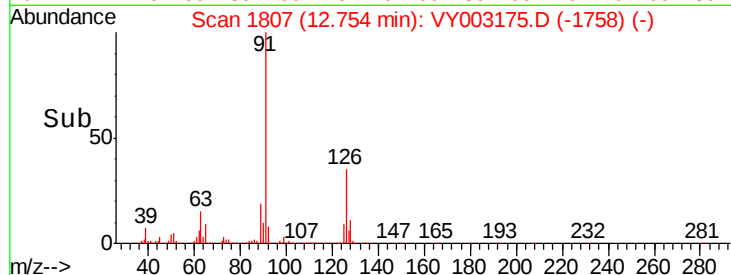


Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.759 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003175.D

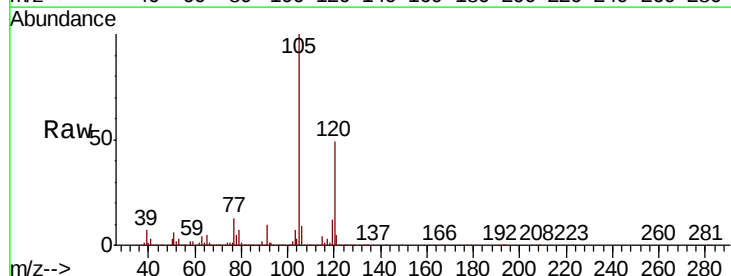
Acq: 10 Jul 2020 19:58

Tgt Ion: 105 Resp: 927417

Ion Ratio Lower Upper

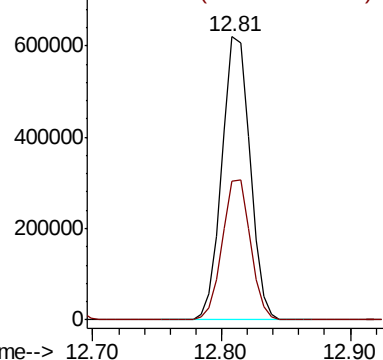
105 100

120 49.5 24.9 74.6

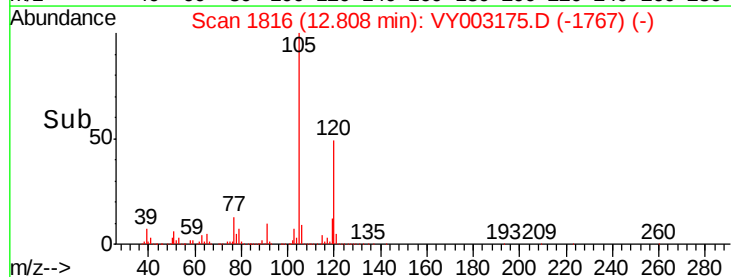


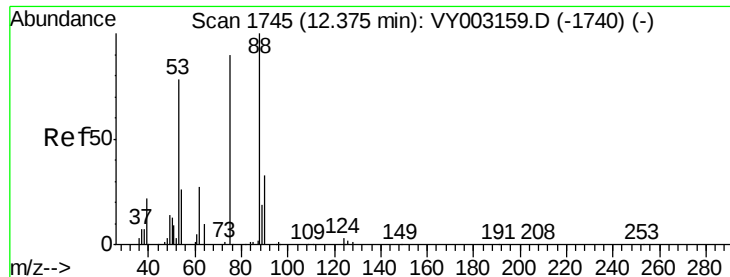
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 51.770 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

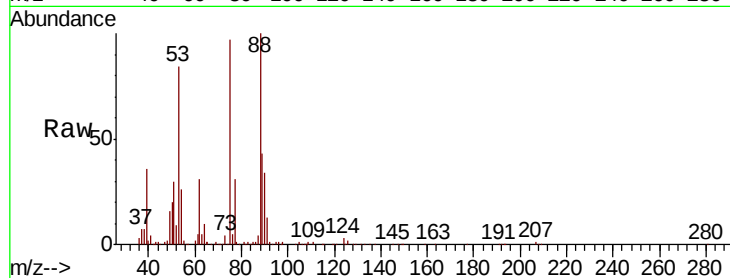
Tot Ion: 75 Resp: 80999

Ion Ratio Lower Upper

75 100

53 85.2 72.0 108.0

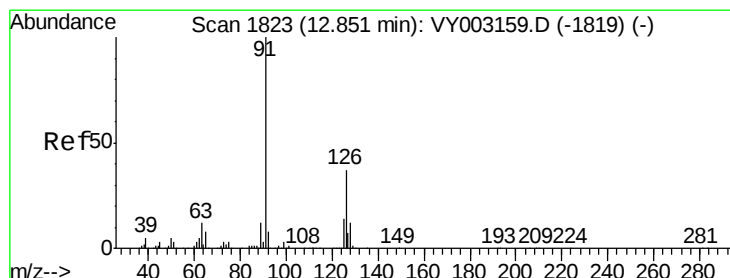
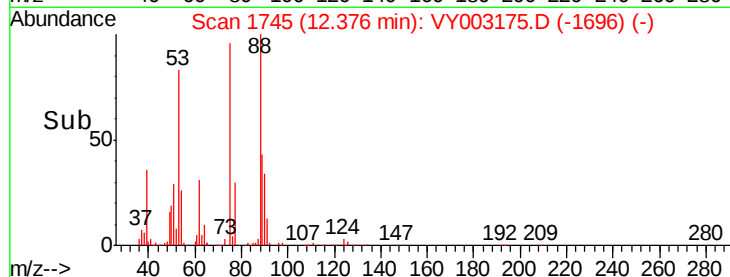
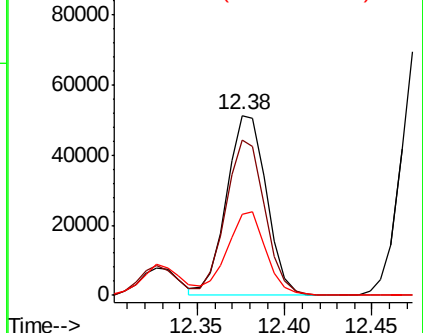
89 45.4 37.3 55.9



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: 51.591 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003175.D

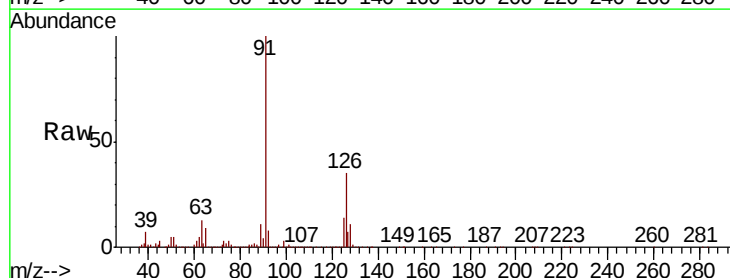
Acq: 10 Jul 2020 19:58

Tgt Ion: 91 Resp: 776356

Ion Ratio Lower Upper

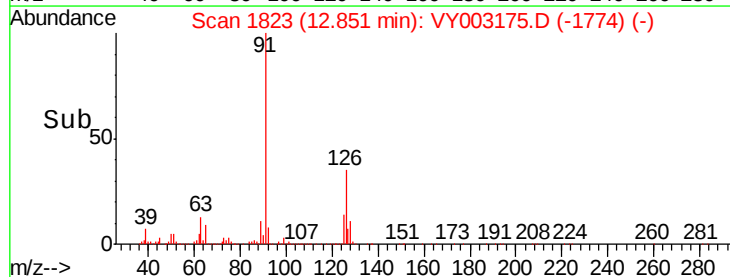
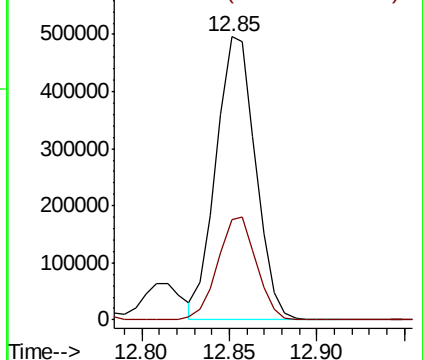
91 100

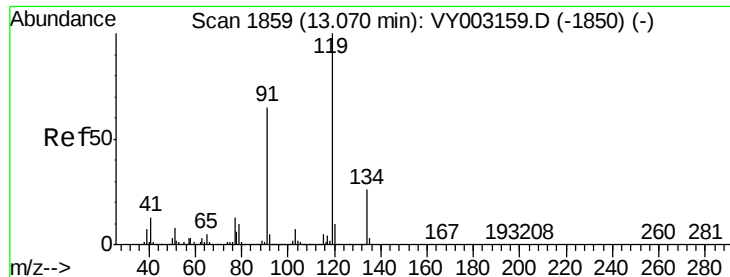
126 35.6 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

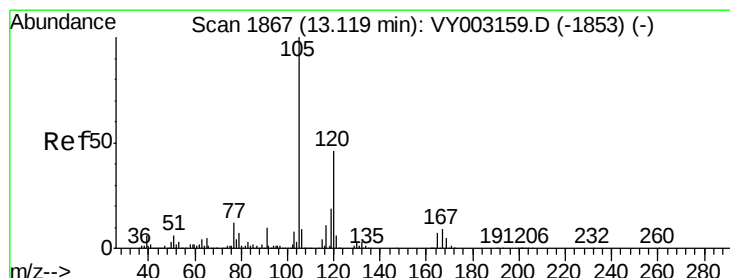
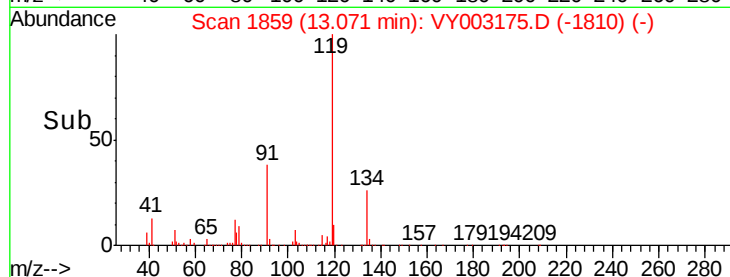
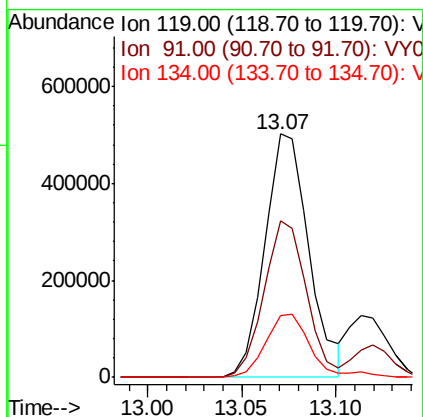
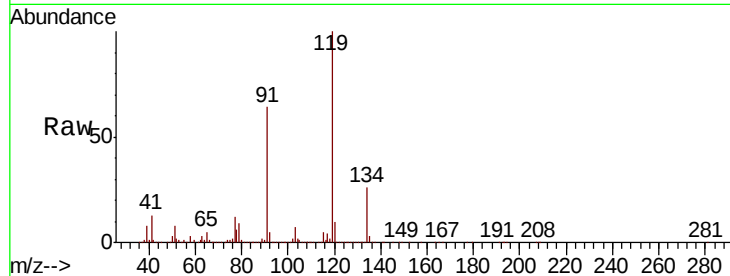




#83
tert-Butylbenzene
Concen: 50.618 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

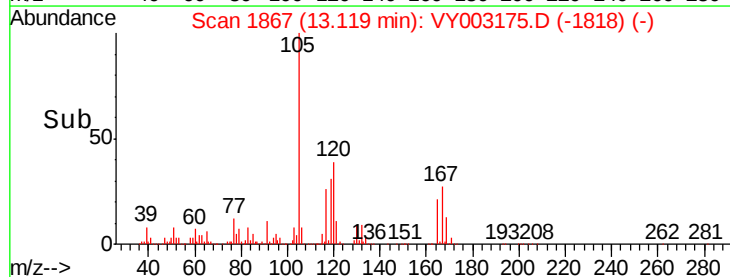
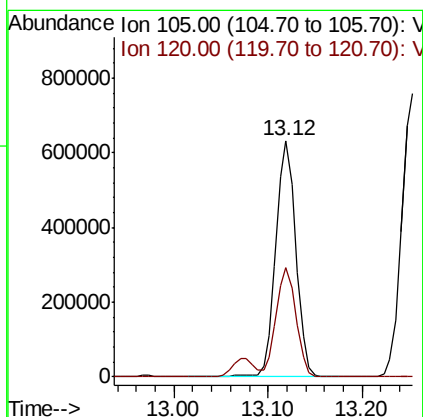
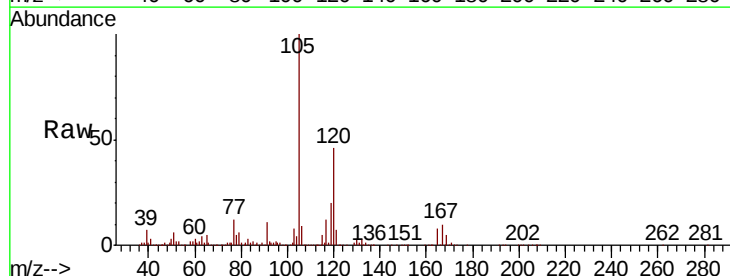
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

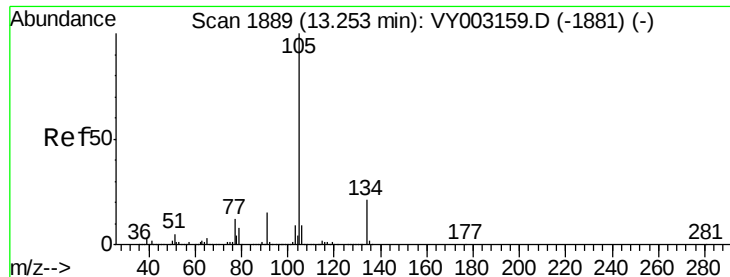
Tot Ion:119 Resp: 816043
Ion Ratio Lower Upper
119 100
91 61.8 30.8 92.4
134 26.8 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 50.919 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion:105 Resp: 936068
Ion Ratio Lower Upper
105 100
120 45.6 22.5 67.5





#85

sec-Butylbenzene

Concen: 50.596 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

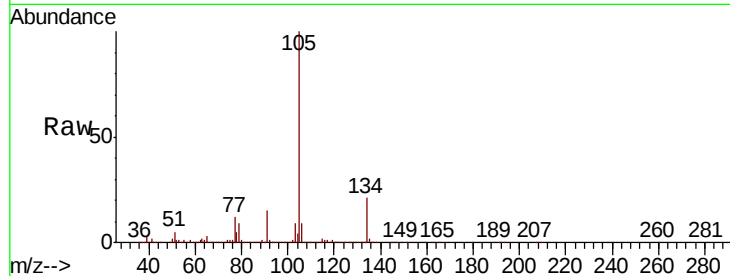
VSTDCCC050EC

Tot Ion:105 Resp: 1121110

Ion Ratio Lower Upper

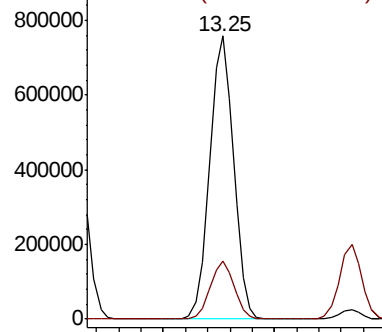
105 100

134 20.5 10.4 31.4

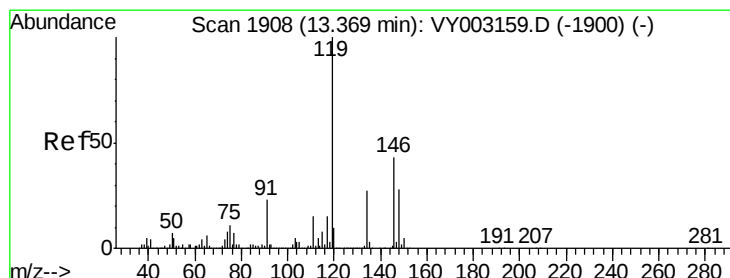
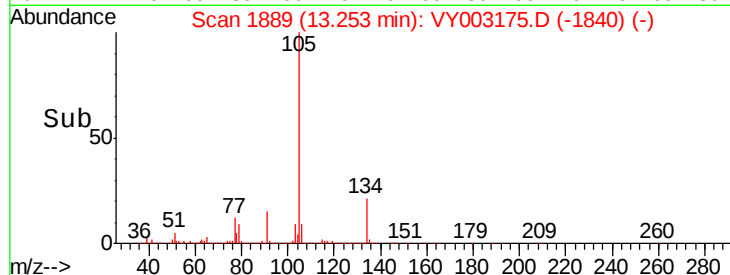


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 49.792 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

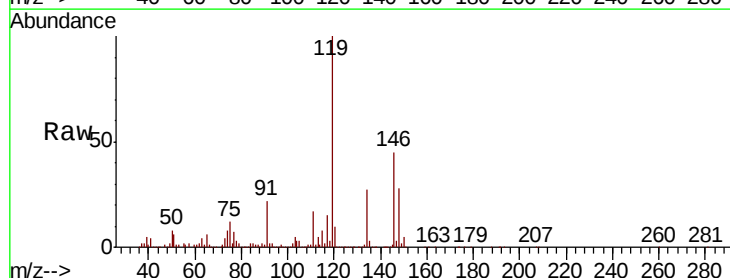
Tgt Ion:119 Resp: 1030169

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

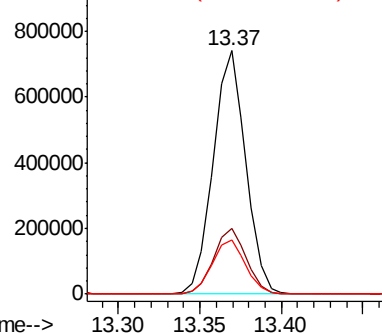
91 22.7 11.2 33.6



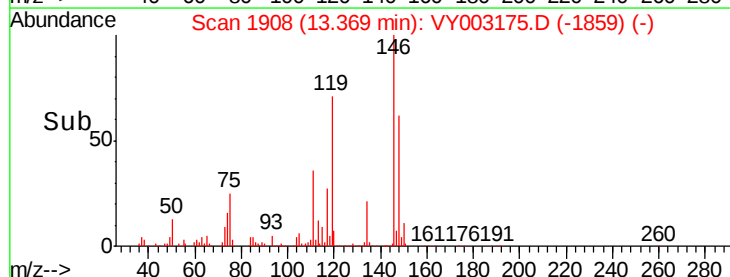
Abundance Ion 119.00 (118.70 to 119.70): V

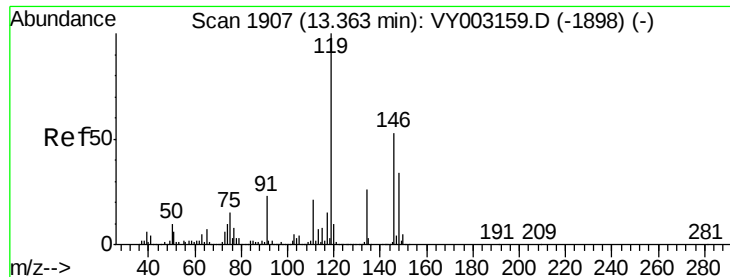
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time-->

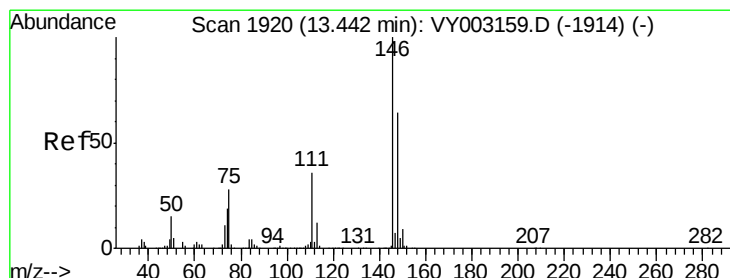
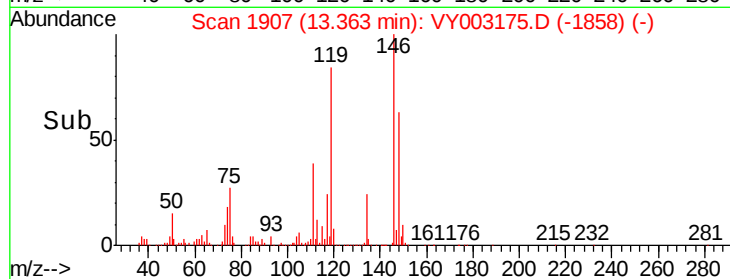
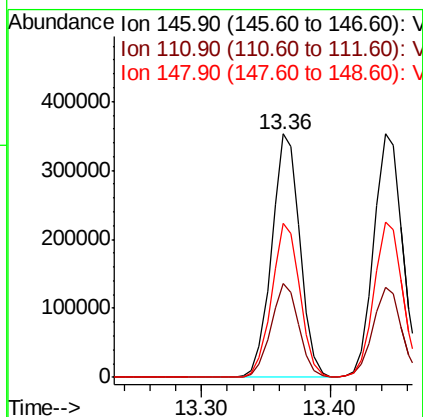
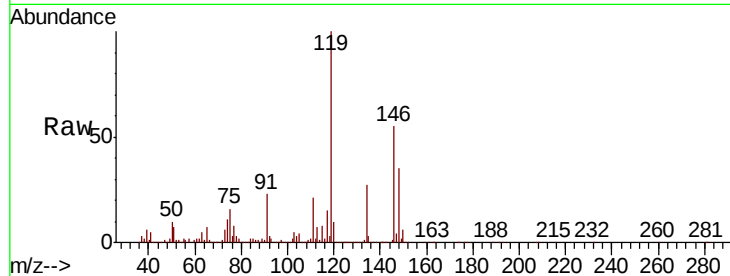




#87
 1,3-Dichlorobenzene
 Concen: 51.042 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

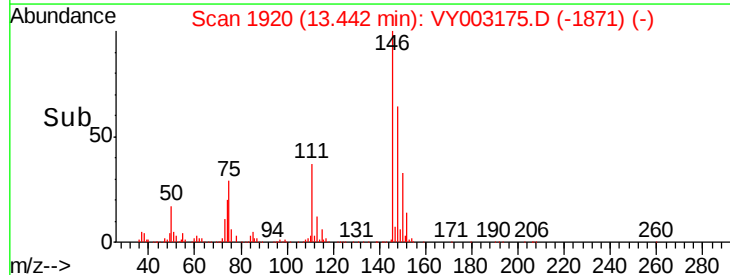
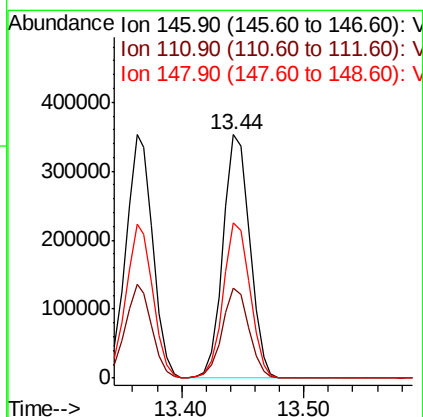
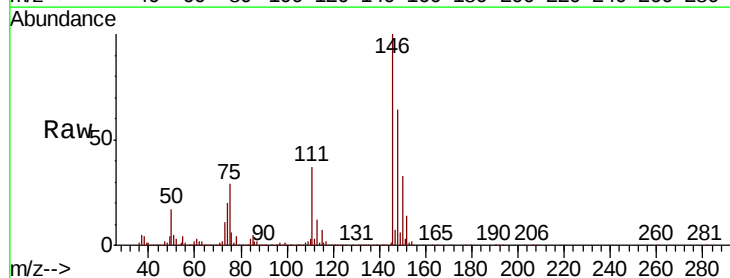
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

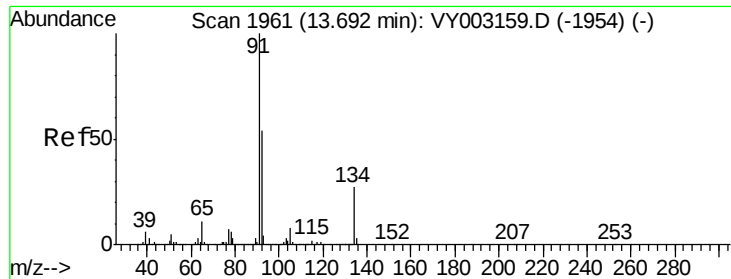
Tot Ion:146 Resp: 539370
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.8 56.3
 148 63.3 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 51.063 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion:146 Resp: 534223
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.0
 148 63.5 32.0 96.0

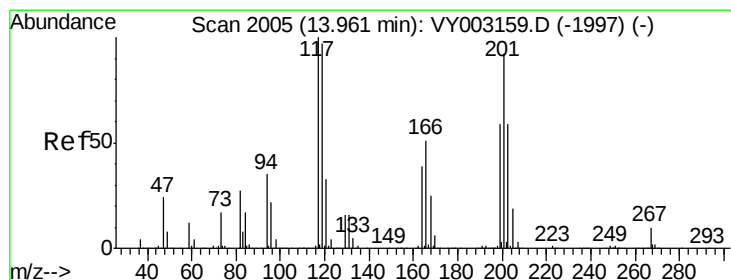
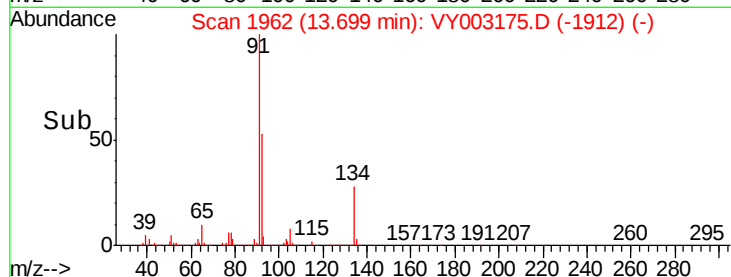
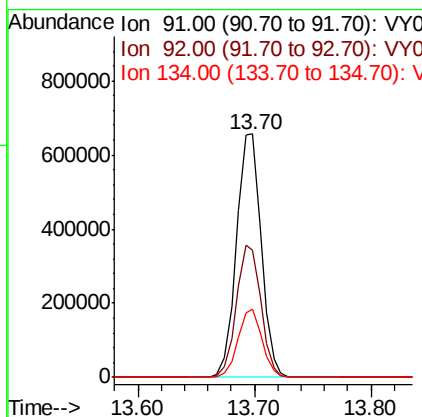
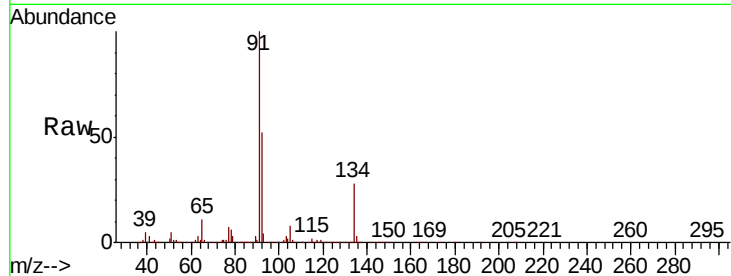




#89
n-Butylbenzene
Concen: 50.037 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

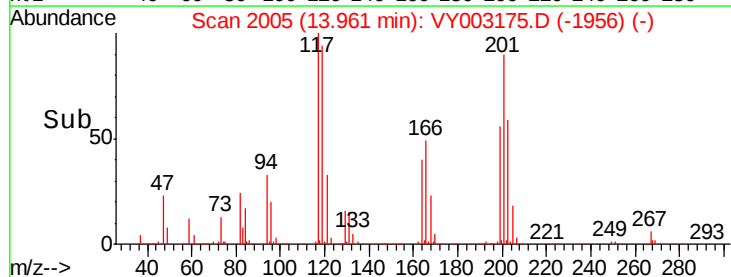
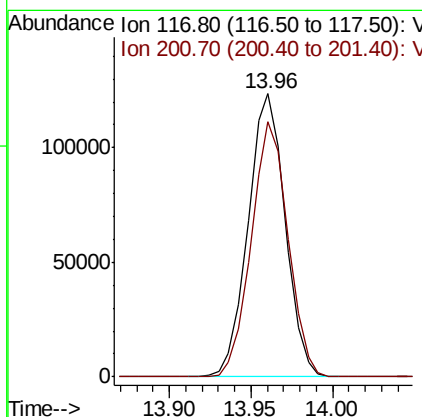
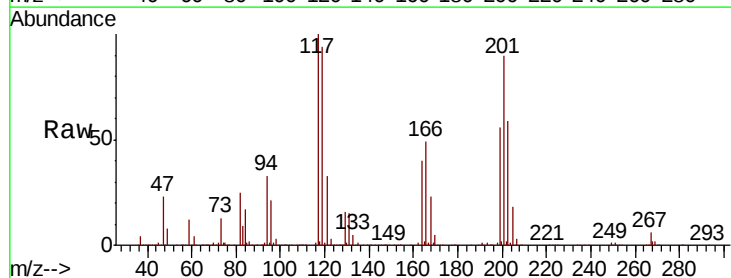
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

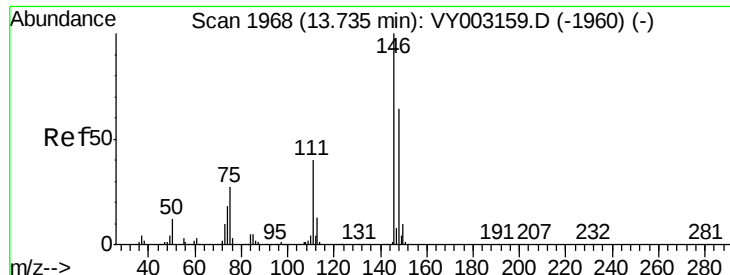
Tot Ion: 91 Resp: 973757
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.7
134 27.3 13.6 40.7



#90
Hexachloroethane
Concen: 51.654 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion: 117 Resp: 194618
Ion Ratio Lower Upper
117 100
201 89.1 45.1 135.3

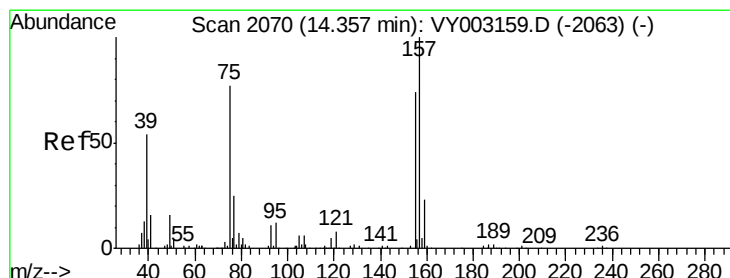
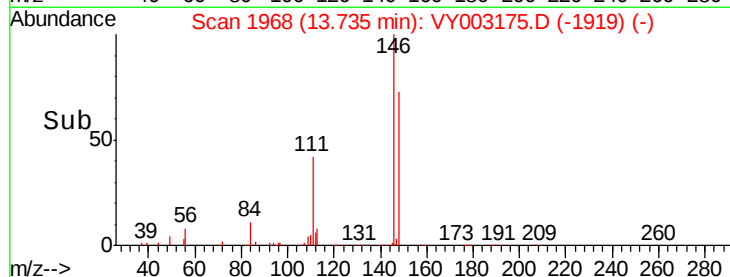
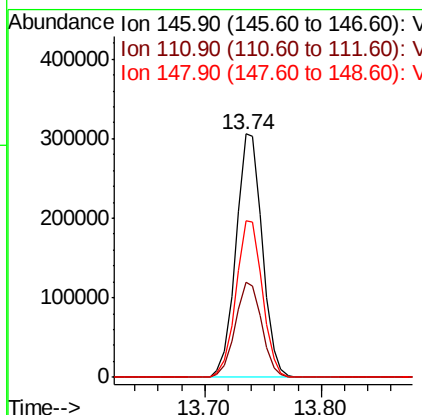
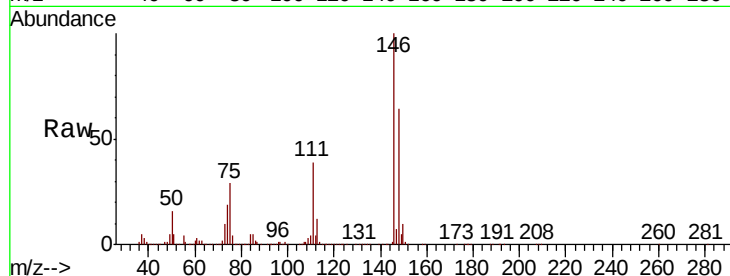




#91
 1,2-Dichlorobenzene
 Concen: 51.802 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

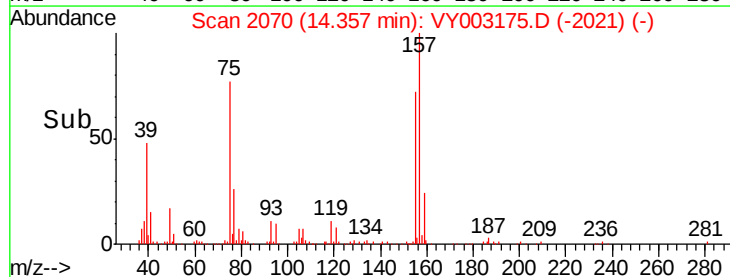
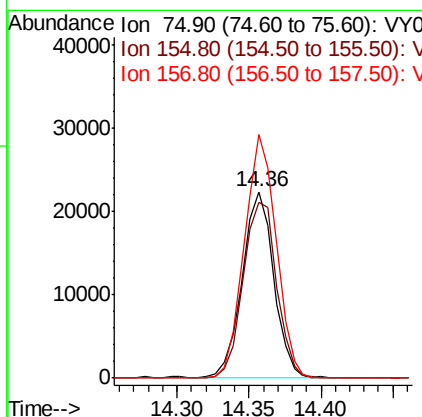
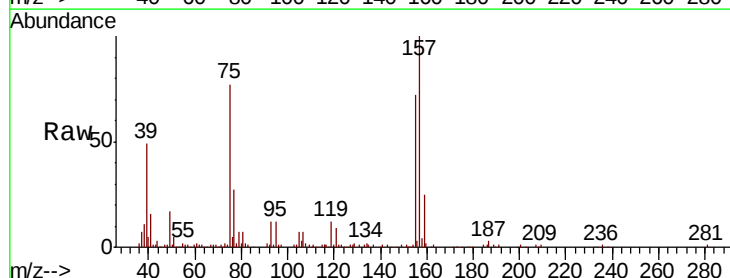
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

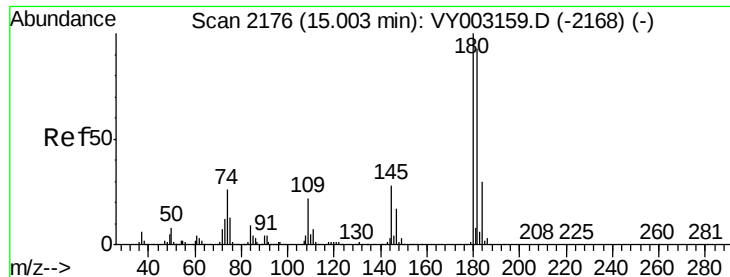
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.8
148	64.4	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.433 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	48.1	144.3
157	131.0	61.9	185.6

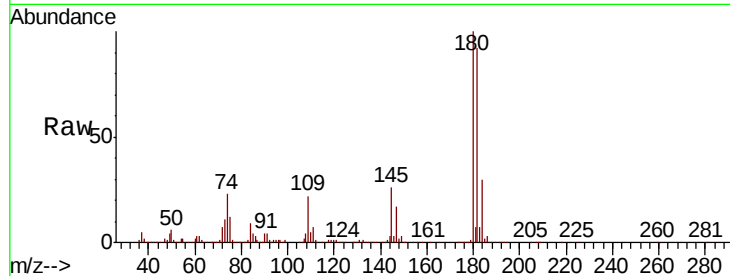




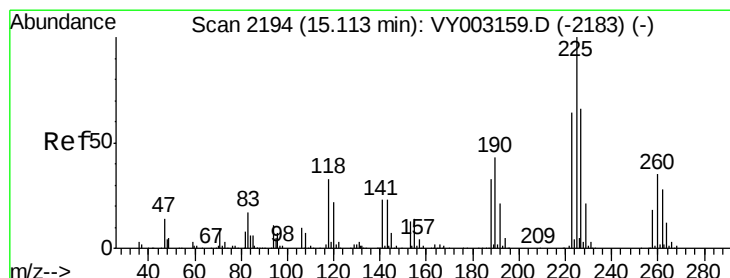
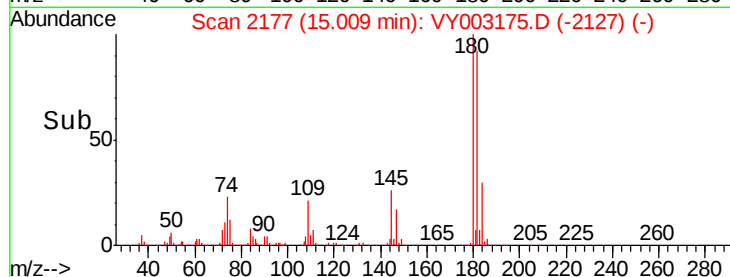
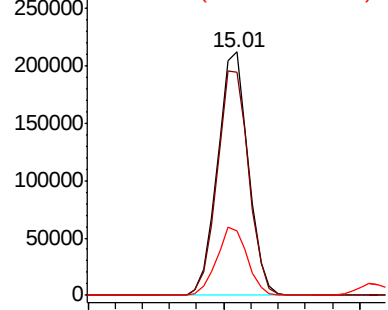
#93
 1,2,4-Trichlorobenzene
 Concen: 50.805 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 335166
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 142.0
 145 27.9 13.7 41.1

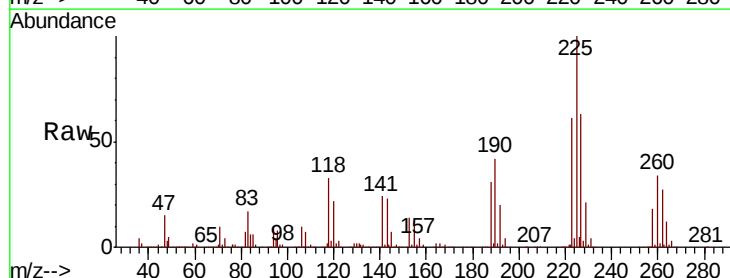


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

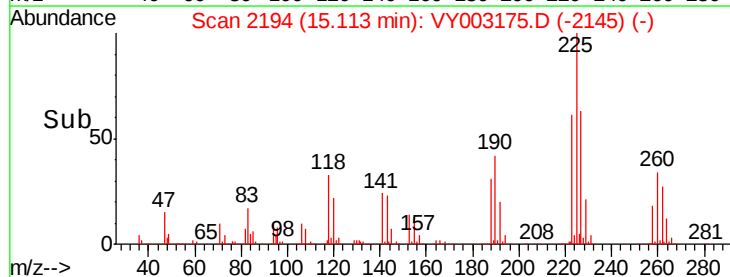
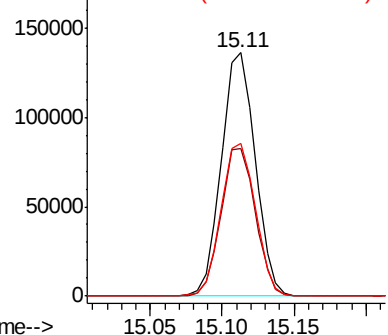


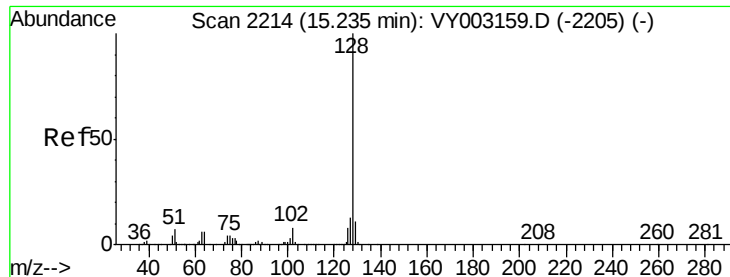
#94
 Hexachlorobutadiene
 Concen: 48.875 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion:225 Resp: 220938
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.6 94.7
 227 63.5 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

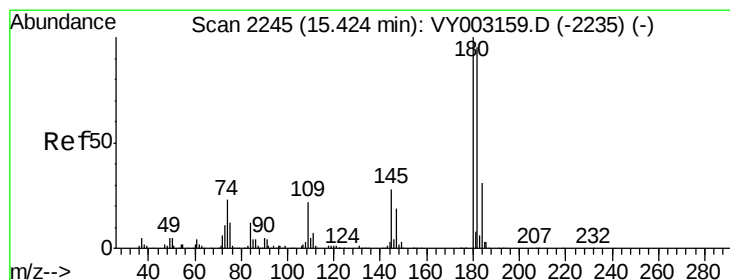
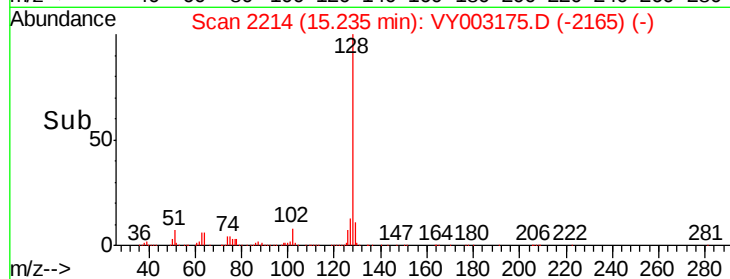
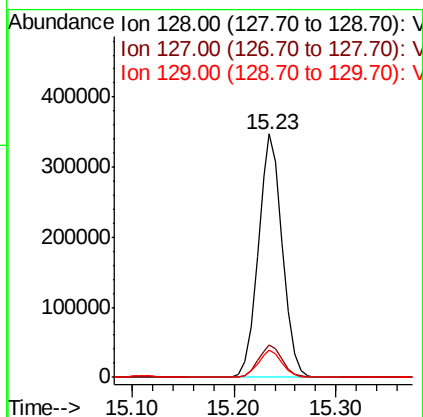
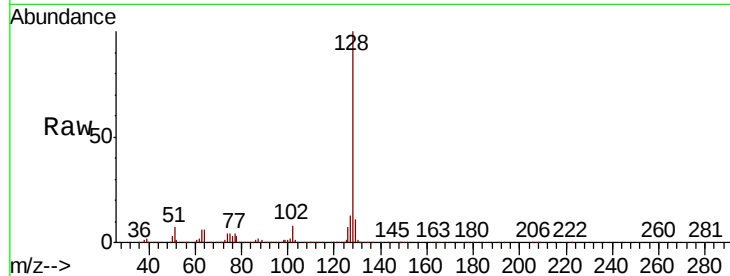




#95
Naphthalene
Concen: 51.900 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 565852
Ion Ratio Lower Upper
128 100
127 13.4 10.9 16.3
129 11.0 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 50.136 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion:180 Resp: 261457
Ion Ratio Lower Upper
180 100
182 95.7 48.8 146.3
145 29.5 14.9 44.5

