

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
 Data File : VY003154.D
 Acq On : 09 Jul 2020 19:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 10 03:46:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	413173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	614842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	571085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	303936	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	214937	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
35) Dibromofluoromethane	7.72	113	212534	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
50) Toluene-d8	10.18	98	767823	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
62) 4-Bromofluorobenzene	12.48	95	283706	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	138834	44.369	ug/l	98
3) Chloromethane	2.12	50	210039	45.839	ug/l	98
4) Vinyl Chloride	2.26	62	210333	47.058	ug/l	96
5) Bromomethane	2.65	94	174043	57.351	ug/l	99
6) Chloroethane	2.80	64	145131	51.042	ug/l	98
7) Trichlorofluoromethane	3.13	101	306904	48.649	ug/l	98
8) Diethyl Ether	3.54	74	111471	51.543	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.91	101	190737	50.637	ug/l	98
10) Methyl Iodide	4.10	142	202450	43.344	ug/l	99
11) Tert butyl alcohol	4.98	59	99484	237.881	ug/l	98
12) 1,1-Dichloroethene	3.88	96	176705	49.304	ug/l	94
13) Acrolein	3.74	56	58117	154.726	ug/l	99
14) Allyl chloride	4.49	41	270264	43.191	ug/l	96
15) Acrylonitrile	5.18	53	274232	246.036	ug/l	99
16) Acetone	3.96	43	210167	217.152	ug/l	94
17) Carbon Disulfide	4.20	76	495599	43.280	ug/l	98
18) Methyl Acetate	4.48	43	129941	49.834	ug/l	93
19) Methyl tert-butyl Ether	5.22	73	559312	53.538	ug/l	97
20) Methylene Chloride	4.72	84	229931	53.764	ug/l	90
21) trans-1,2-Dichloroethene	5.22	96	203306	50.150	ug/l	97
22) Diisopropyl ether	6.13	45	644563	48.060	ug/l	95
23) Vinyl Acetate	6.07	43	2145206	239.243	ug/l	97
24) 1,1-Dichloroethane	6.03	63	363474	49.613	ug/l	99
25) 2-Butanone	7.00	43	369766	240.512	ug/l	97
26) 2,2-Dichloropropane	6.99	77	314227	47.208	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	235915	51.883	ug/l	94
28) Bromochloromethane	7.34	49	182857	56.095	ug/l	85
29) Tetrahydrofuran	7.35	42	245386	240.014	ug/l	91
30) Chloroform	7.52	83	384151	52.928	ug/l	100
31) Cyclohexane	7.79	56	304199	42.148	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	333097	50.279	ug/l	98
36) 1,1-Dichloropropene	7.93	75	284797	48.088	ug/l	98
37) Ethyl Acetate	7.08	43	168336	47.274	ug/l	95
38) Carbon Tetrachloride	7.91	117	297372	48.260	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	344426	46.906	ug/l	96
40) Benzene	8.16	78	816139	50.336	ug/l	99
41) Methacrylonitrile	7.35	41	231153	121.522	ug/l #	43
42) 1,2-Dichloroethane	8.24	62	257798	50.259	ug/l	99
43) Isopropyl Acetate	8.28	43	332821	49.165	ug/l	97
44) Trichloroethene	8.94	130	249735	52.992	ug/l	99
45) 1,2-Dichloropropane	9.22	63	215732	49.456	ug/l	96
46) Dibromomethane	9.31	93	128616	52.791	ug/l	97
47) Bromodichloromethane	9.50	83	307816	51.598	ug/l	99
48) Methyl methacrylate	9.30	41	149847	48.632	ug/l	93
49) 1,4-Dioxane	9.31	88	35258	1185.530	ug/l #	91
51) 4-Methyl-2-Pentanone	10.07	43	883144	252.413	ug/l	96
52) Toluene	10.24	92	522220	51.164	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	316533	50.608	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	357007	49.909	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	183859	54.308	ug/l	98
56) Ethyl methacrylate	10.51	69	268764	54.842	ug/l	94
57) 1,3-Dichloropropane	10.79	76	310523	52.247	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	663702	264.062	ug/l	96
59) 2-Hexanone	10.83	43	617730	252.594	ug/l	96
60) Dibromochloromethane	10.99	129	236212	54.520	ug/l	99
61) 1,2-Dibromoethane	11.09	107	181842	54.482	ug/l	99
64) Tetrachloroethene	10.72	164	271888	56.252	ug/l	99
65) Chlorobenzene	11.52	112	588045	52.221	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	236776	53.856	ug/l	100
67) Ethyl Benzene	11.59	91	1049386	50.939	ug/l	100
68) m/p-Xylenes	11.70	106	794328	103.601	ug/l	97
69) o-Xylene	12.03	106	379743	52.560	ug/l	95
70) Styrene	12.04	104	657161	53.241	ug/l	98
71) Bromoform	12.20	173	160780	54.845	ug/l	100
73) Isopropylbenzene	12.33	105	1025405	51.550	ug/l	100
74) N-amyl acetate	12.14	43	315909	48.785	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	211436	52.673	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	287827	95.686	ug/l #	100
77) Bromobenzene	12.61	156	271110	53.158	ug/l	96
78) n-propylbenzene	12.67	91	1201293	50.217	ug/l	99
79) 2-Chlorotoluene	12.75	91	677308	50.724	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	853203	51.115	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	77036	49.827	ug/l	96
82) 4-Chlorotoluene	12.85	91	716430	51.533	ug/l	99
83) tert-Butylbenzene	13.08	119	757591	51.690	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	868833	51.656	ug/l	98
85) sec-Butylbenzene	13.25	105	1035102	51.238	ug/l	100
86) p-Isopropyltoluene	13.37	119	963504	51.471	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	503768	52.907	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	497163	52.951	ug/l	99
89) n-Butylbenzene	13.69	91	889304	49.653	ug/l	99
90) Hexachloroethane	13.96	117	180812	48.643	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	451302	52.827	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	34516	48.573	ug/l	90

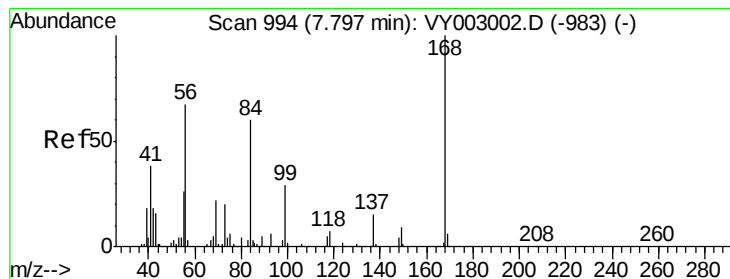
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	317525	50.019	ug/l	100
94) Hexachlorobutadiene	15.11	225	199416	49.803	ug/l	99
95) Naphthalene	15.23	128	574515	49.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	261216	47.388	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: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

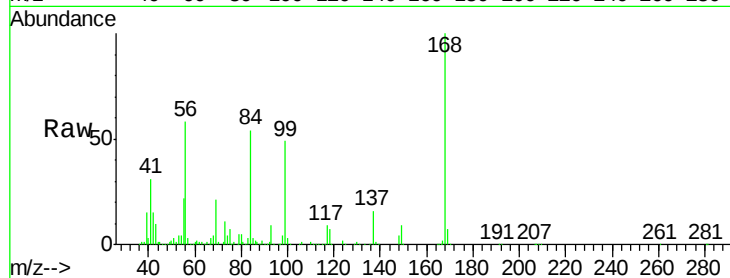
VSTDCCC050EC

Tot Ion:168 Resp: 413173

Ion Ratio Lower Upper

168 100

99 49.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003154.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003154.D (-945) (-)

7.80

200000

150000

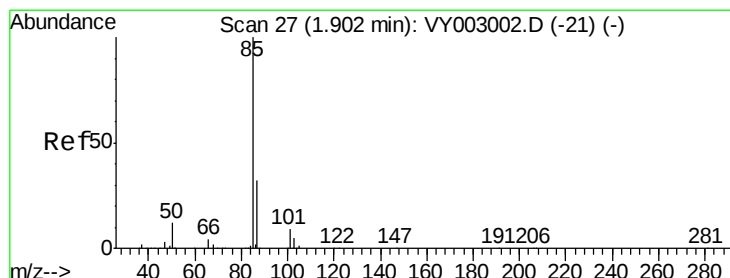
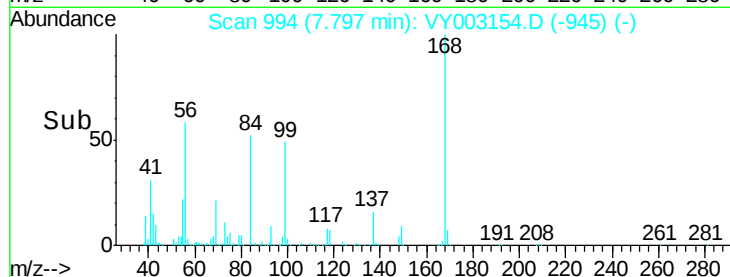
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 44.369 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003154.D

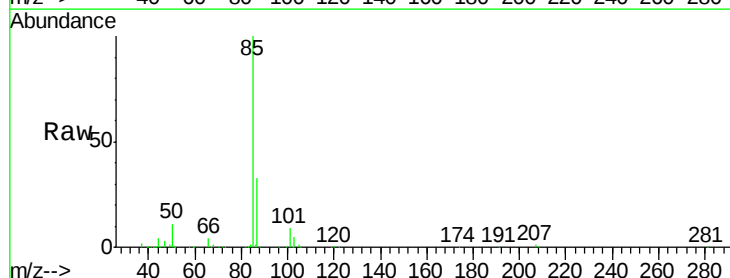
Acq: 09 Jul 2020 19:24

Tgt Ion: 85 Resp: 138834

Ion Ratio Lower Upper

85 100

87 32.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003154.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003154.D (-1) (-)

1.91

100000

80000

60000

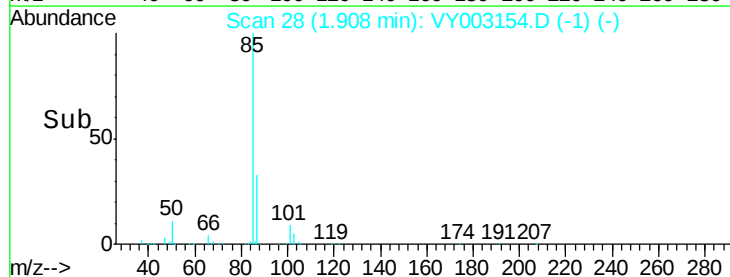
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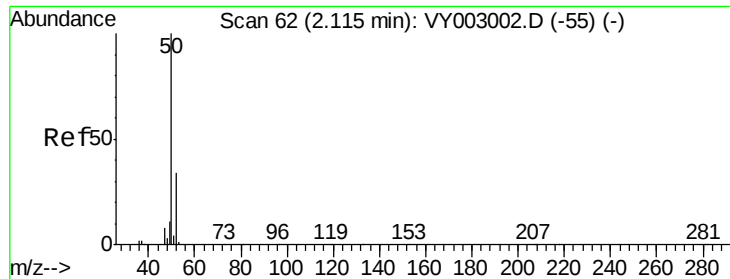
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 45.839 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

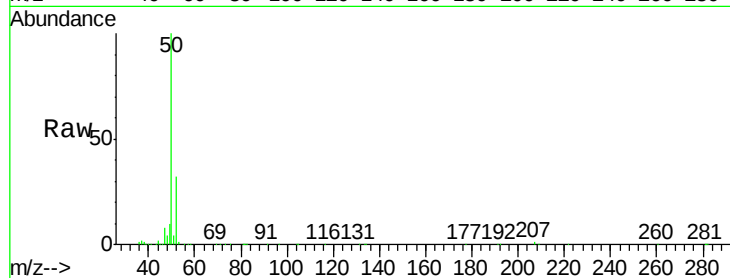
VSTDCCC050EC

Tot Ion: 50 Resp: 210039

Ion Ratio Lower Upper

50 100

52 32.5 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

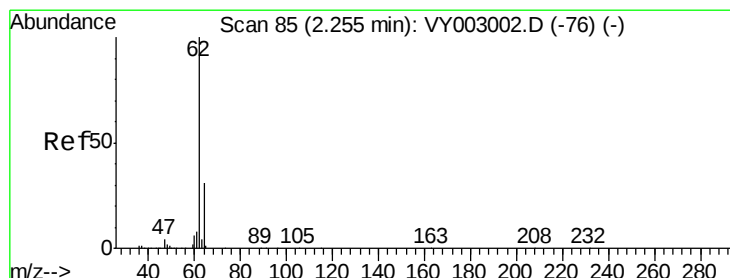
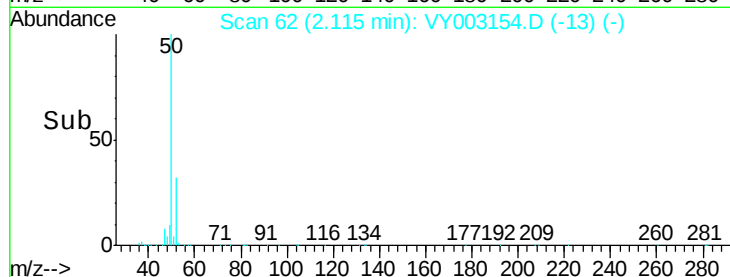
150000

100000

50000

0

Time--> 2.00 2.10 2.20



#4

Vinyl Chloride

Concen: 47.058 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003154.D

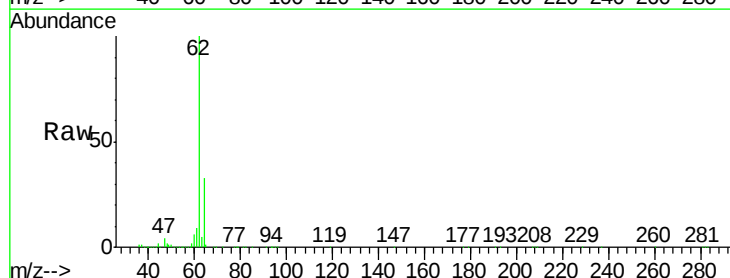
Acq: 09 Jul 2020 19:24

Tgt Ion: 62 Resp: 210333

Ion Ratio Lower Upper

62 100

64 32.6 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

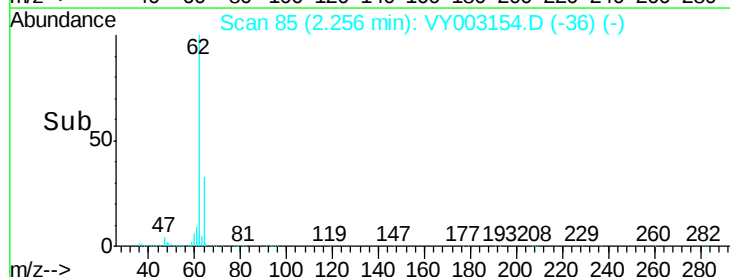
2.26

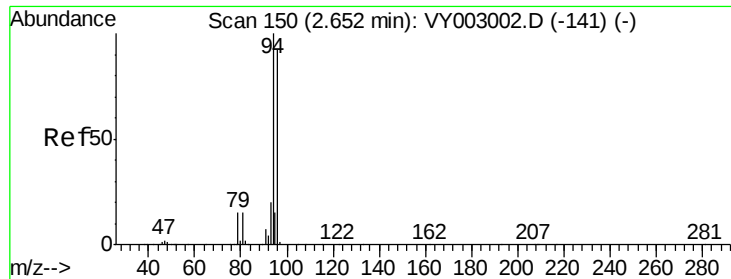
100000

50000

0

Time--> 2.10 2.20 2.30 2.40





#5

Bromomethane

Concen: 57.351 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

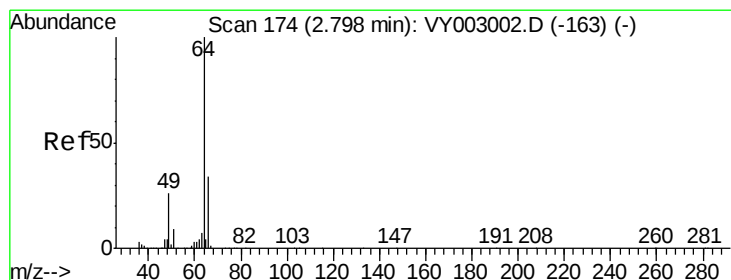
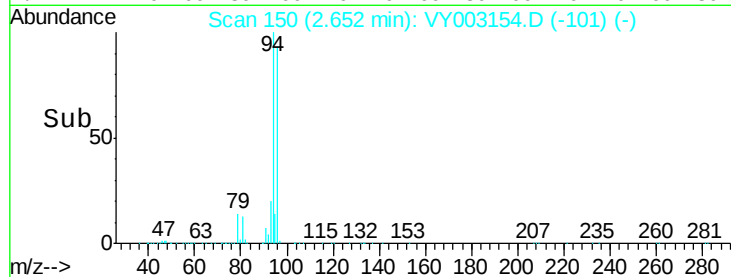
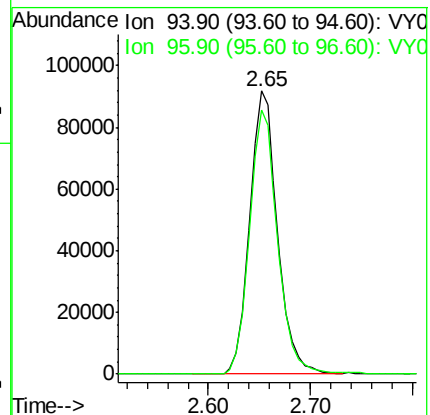
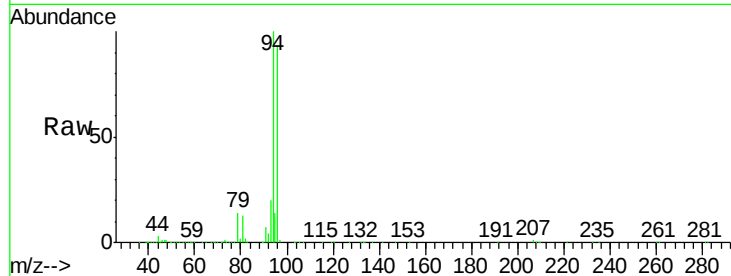
VSTDCCC050EC

Tot Ion: 94 Resp: 174043

Ion Ratio Lower Upper

94 100

96 93.1 73.4 110.2



#6

Chloroethane

Concen: 51.042 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003154.D

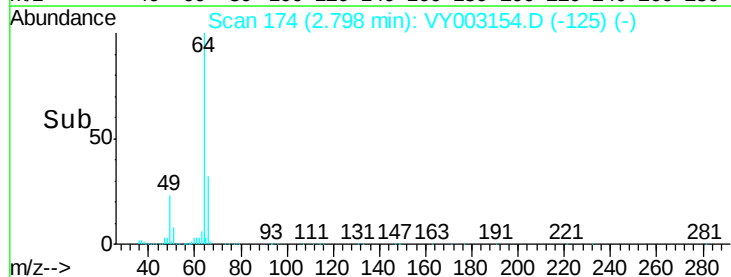
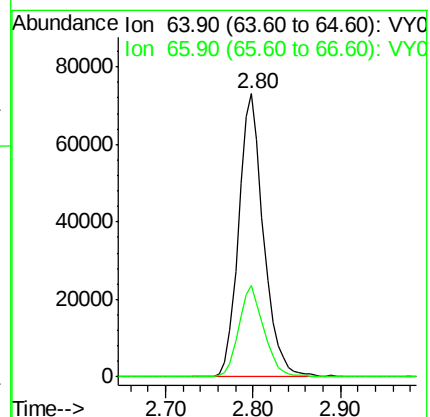
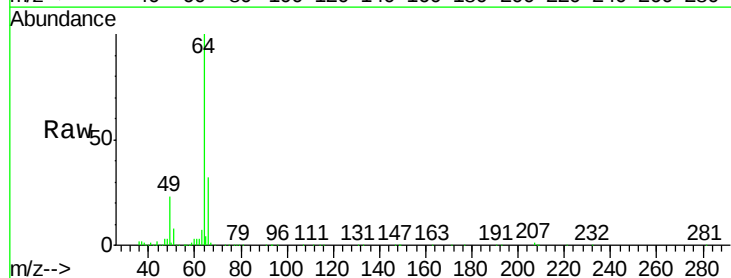
Acq: 09 Jul 2020 19:24

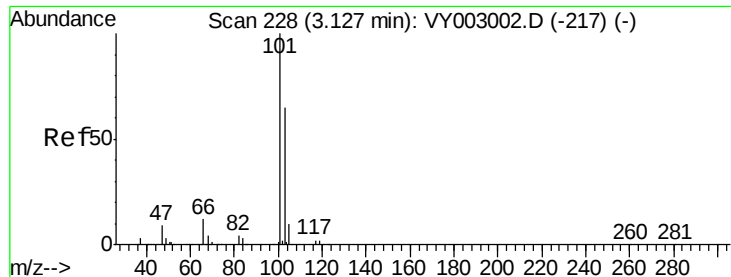
Tgt Ion: 64 Resp: 145131

Ion Ratio Lower Upper

64 100

66 32.5 27.0 40.4



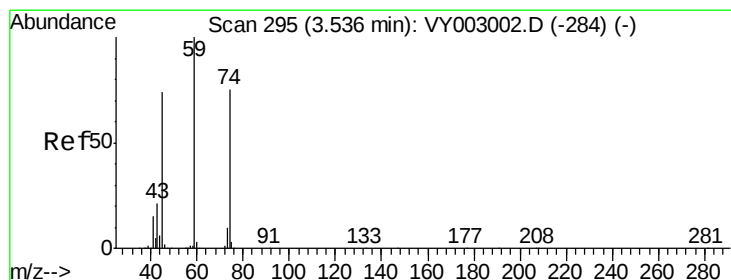
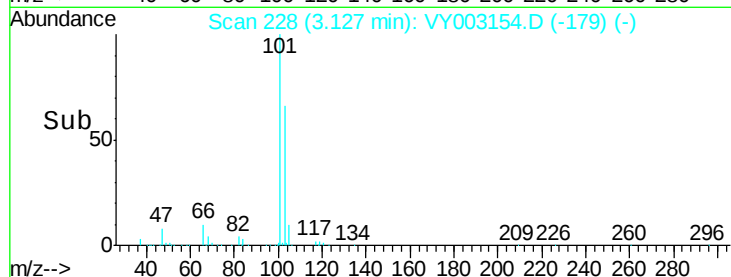
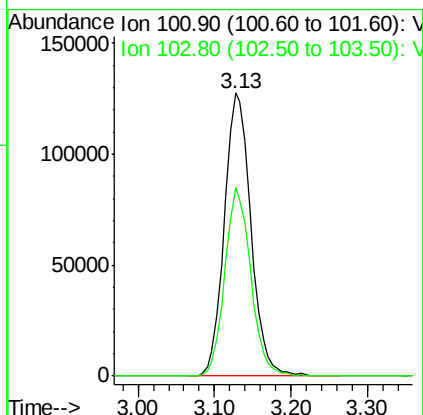
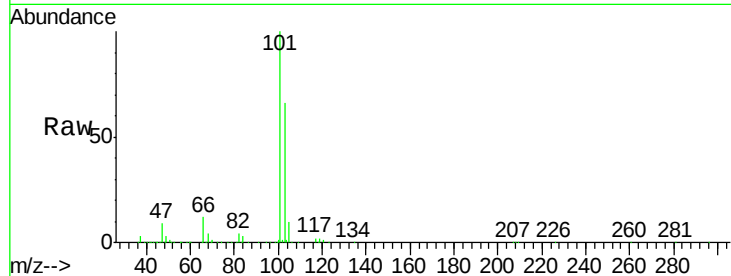


#7

Trichlorofluoromethane
Concen: 48.649 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Instrument :
MSVOA_Y
ClientSampleId :
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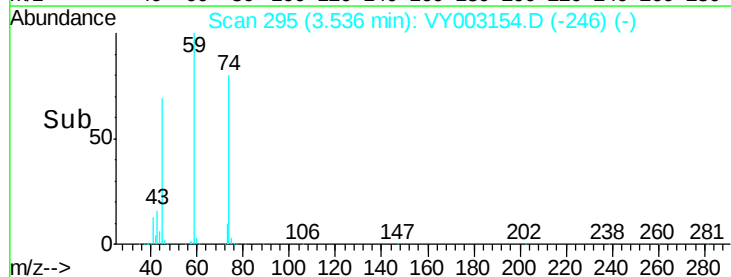
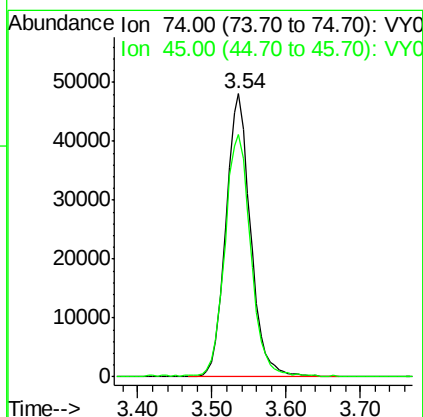
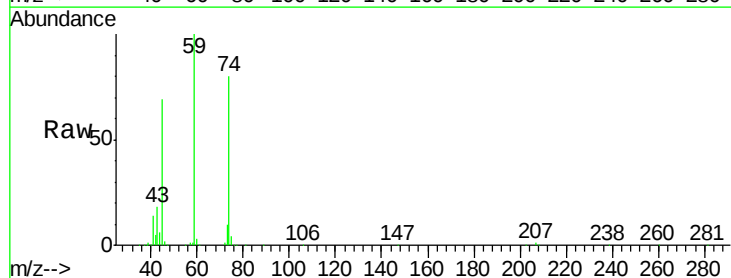
Tot Ion:101 Resp: 306904
Ion Ratio Lower Upper
101 100
103 66.5 51.6 77.4

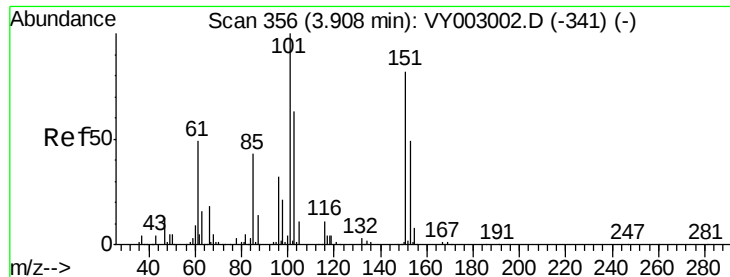


#8

Diethyl Ether
Concen: 51.543 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Tgt Ion: 74 Resp: 111471
Ion Ratio Lower Upper
74 100
45 88.2 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.637 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

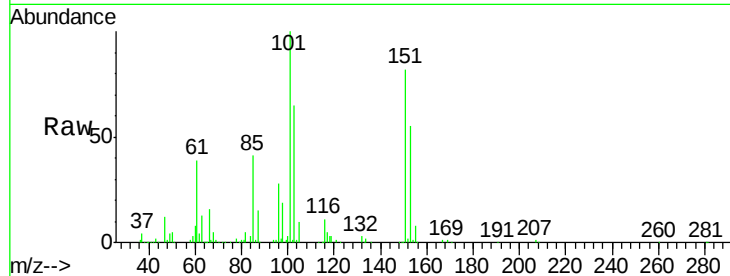
Tot Ion:101 Resp: 190737

Ion Ratio Lower Upper

101 100

85 42.7 35.5 53.3

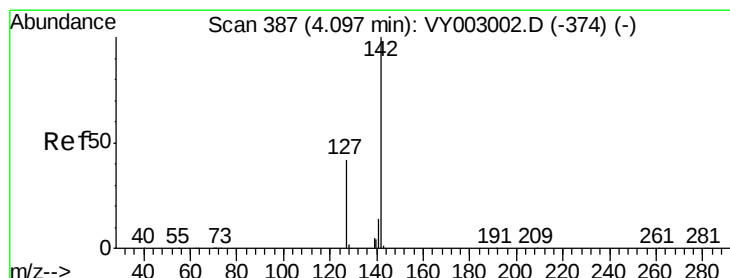
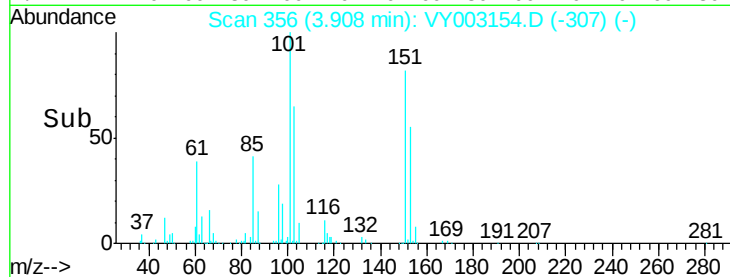
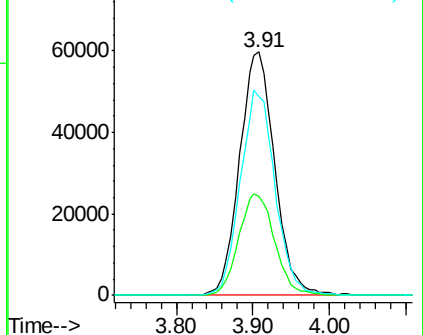
151 83.7 65.5 98.3



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: 43.344 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

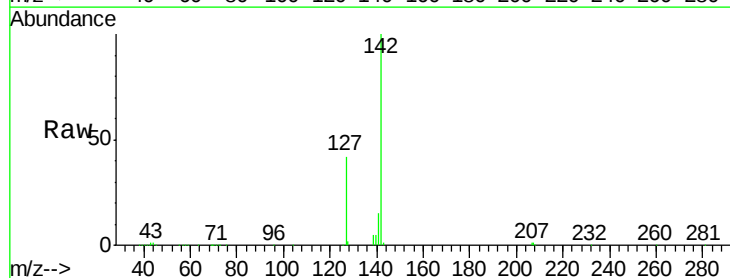
Tgt Ion:142 Resp: 202450

Ion Ratio Lower Upper

142 100

127 41.9 34.2 51.2

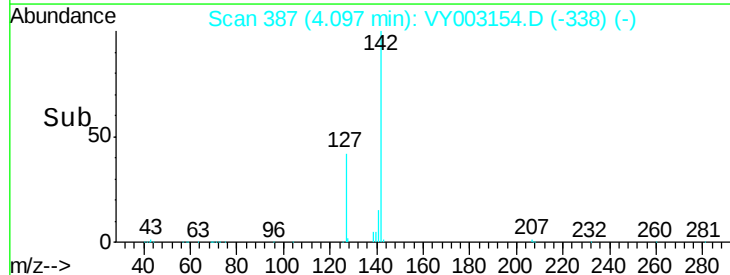
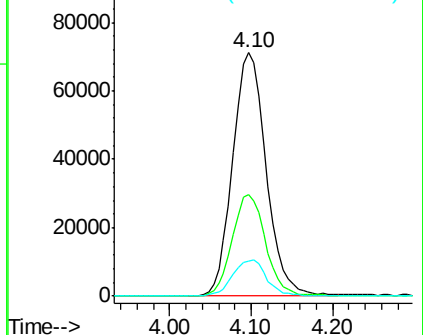
141 15.1 11.7 17.5

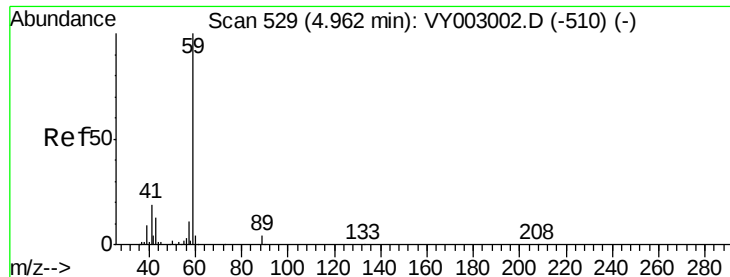


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



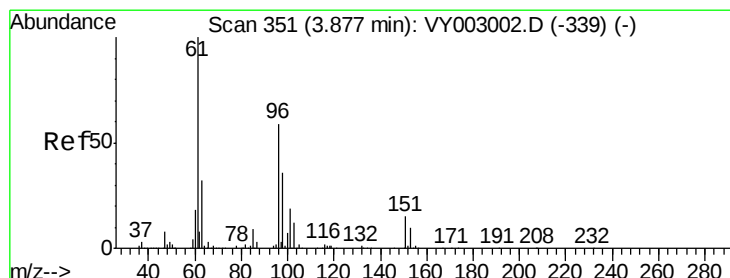
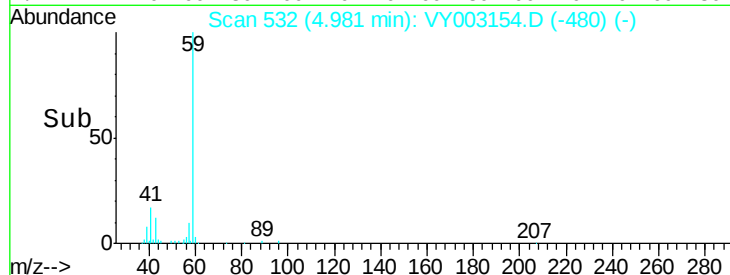
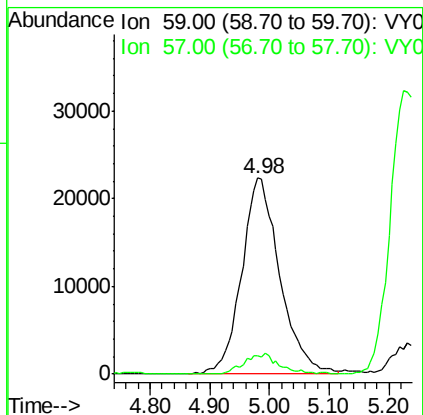
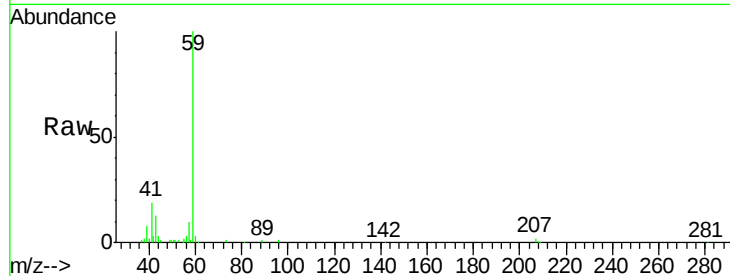


#11

Tert butyl alcohol
 Concen: 237.881 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.02 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

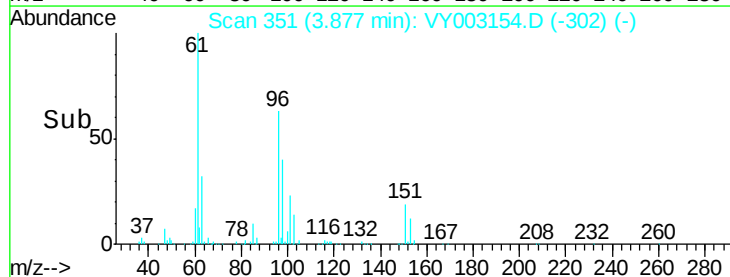
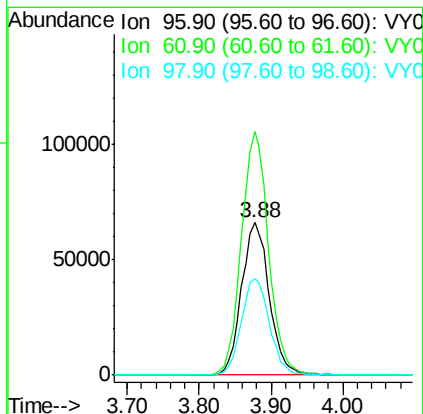
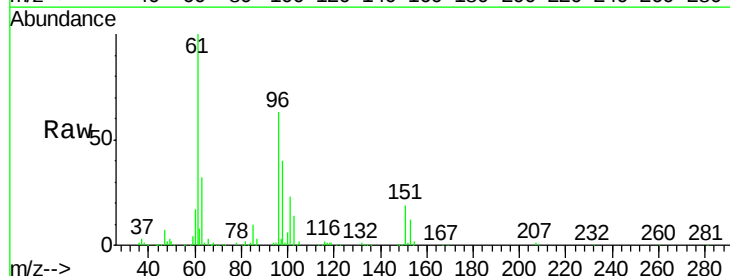
Tot Ion: 59 Resp: 99484
 Ion Ratio Lower Upper
 59 100
 57 9.2 8.0 12.0

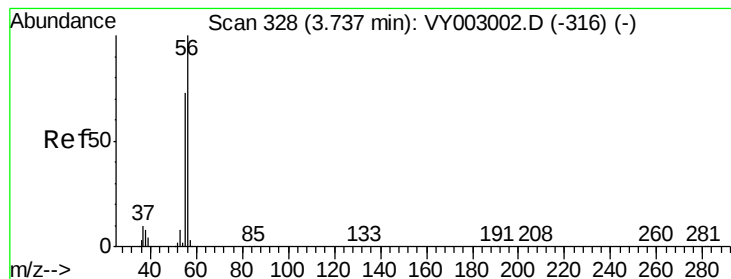


#12

1,1-Dichloroethene
 Concen: 49.304 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

Tgt Ion: 96 Resp: 176705
 Ion Ratio Lower Upper
 96 100
 61 159.6 136.7 205.1
 98 63.2 49.7 74.5





#13

Acrolein

Concen: 154.726 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

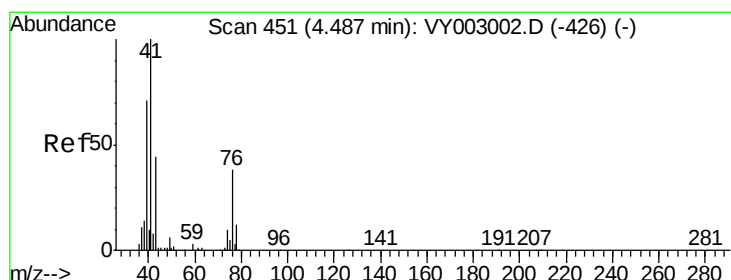
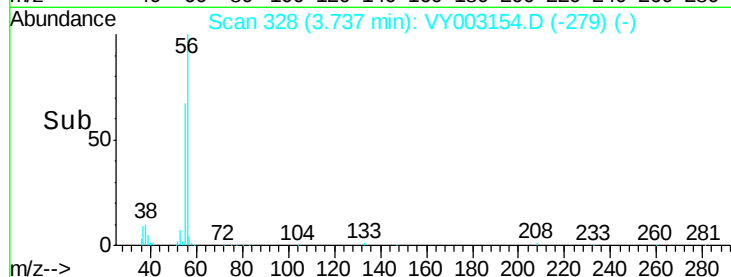
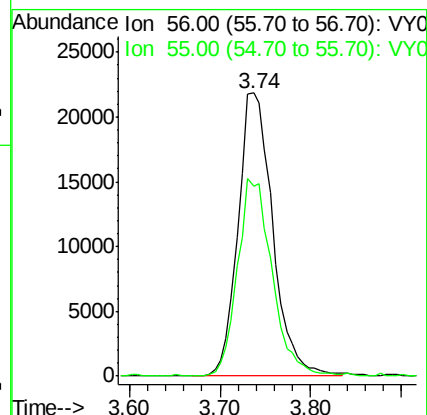
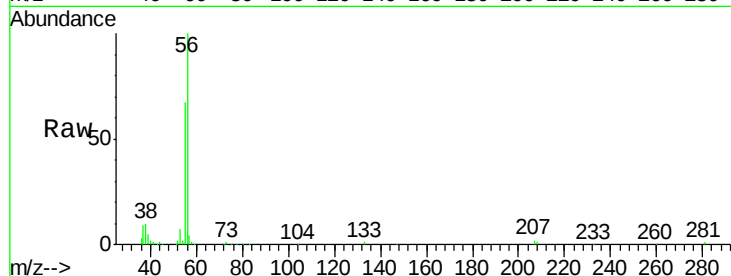
VSTDCCC050EC

Tot Ion: 56 Resp: 58117

Ion Ratio Lower Upper

56 100

55 69.8 56.4 84.6



#14

Allyl chloride

Concen: 43.191 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

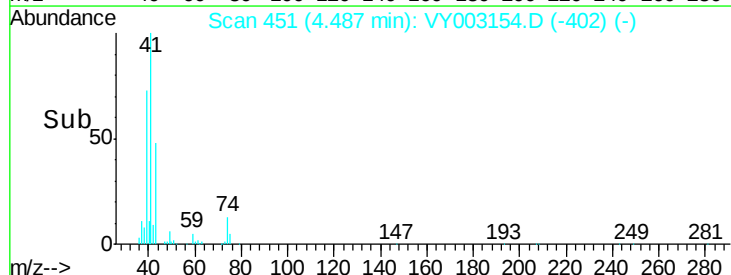
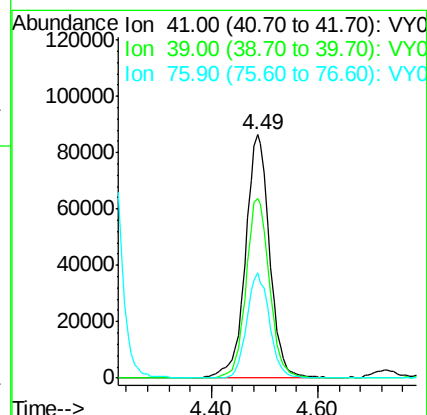
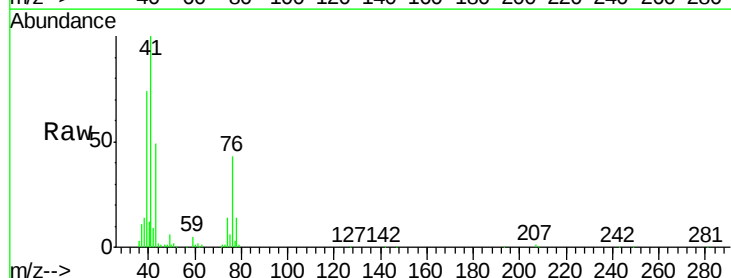
Tgt Ion: 41 Resp: 270264

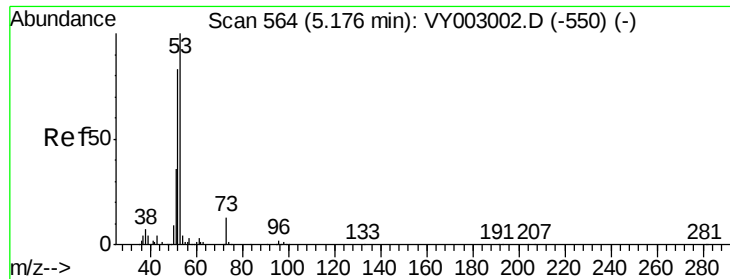
Ion Ratio Lower Upper

41 100

39 71.6 55.6 83.4

76 40.3 28.6 43.0





#15

Acrylonitrile

Concen: 246.036 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

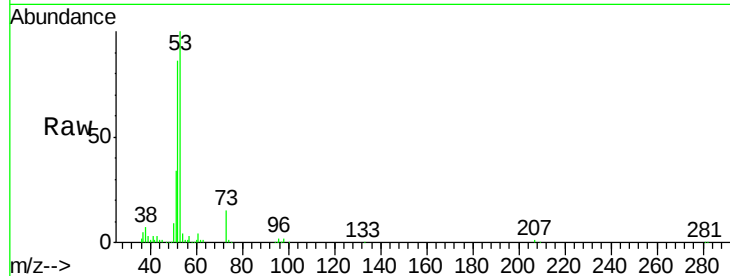
Tot Ion: 53 Resp: 274232

Ion Ratio Lower Upper

53 100

52 83.6 66.2 99.2

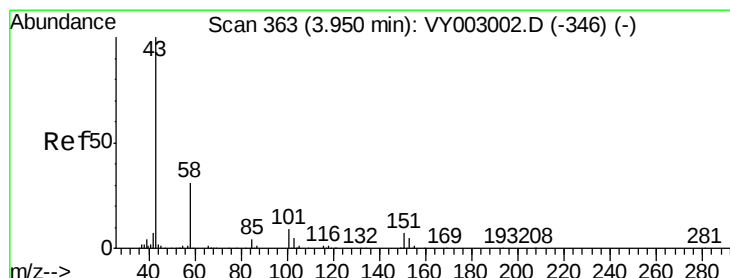
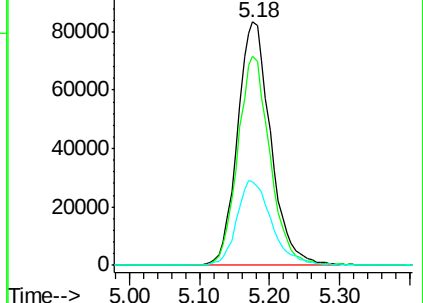
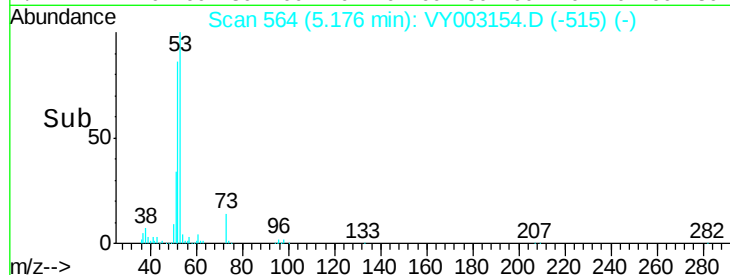
51 36.5 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VY003154.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY003154.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY003154.D (-515) (-)



#16

Acetone

Concen: 217.152 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003154.D

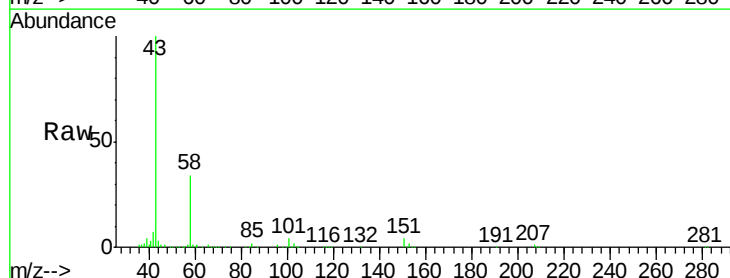
Acq: 09 Jul 2020 19:24

Tgt Ion: 43 Resp: 210167

Ion Ratio Lower Upper

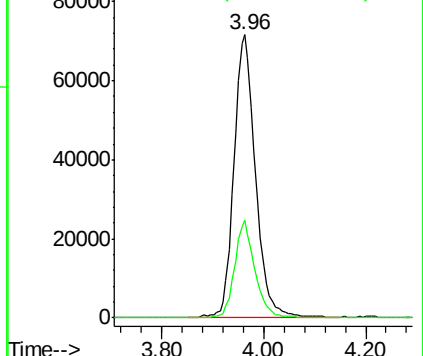
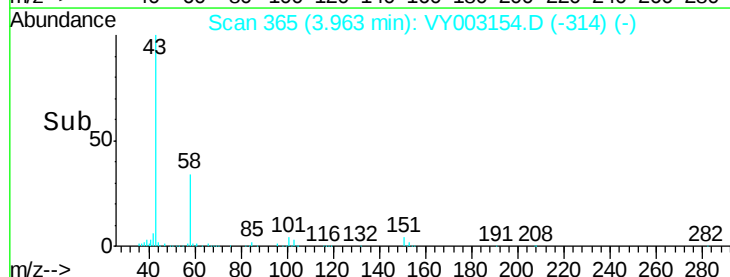
43 100

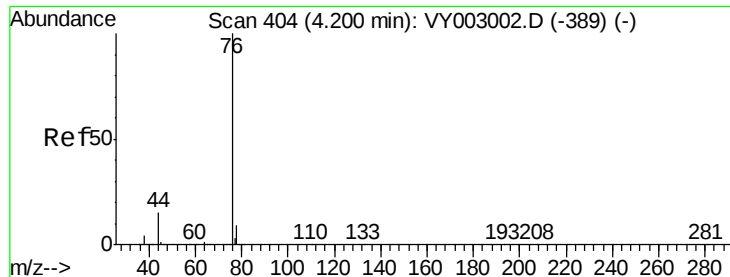
58 34.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003154.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003154.D (-314) (-)





#17

Carbon Disulfide

Concen: 43.280 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

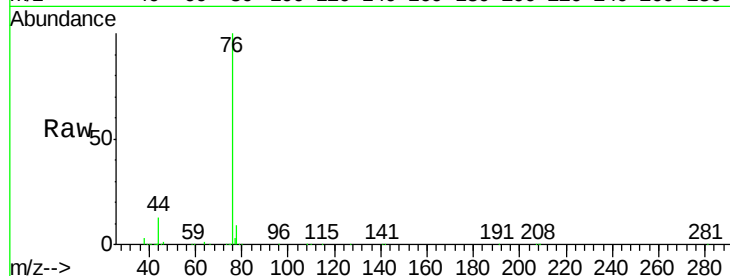
VSTDCCC050EC

Tot Ion: 76 Resp: 495599

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

200000

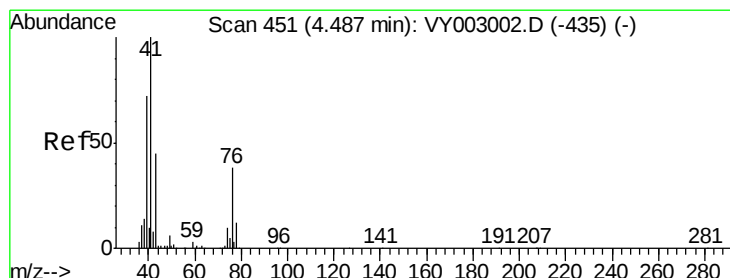
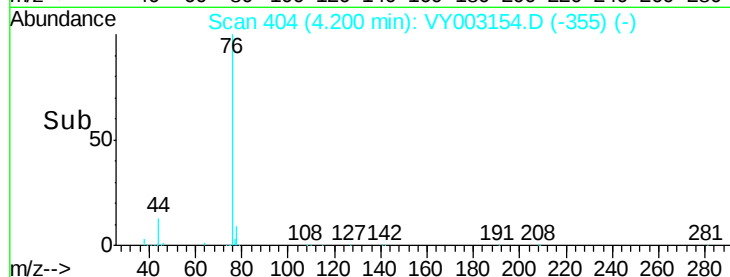
150000

100000

50000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 49.834 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003154.D

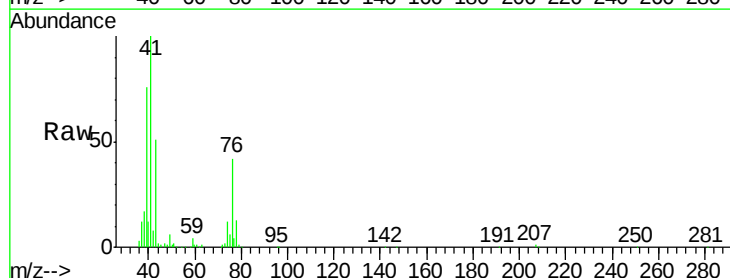
Acq: 09 Jul 2020 19:24

Tgt Ion: 43 Resp: 129941

Ion Ratio Lower Upper

43 100

74 26.0 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.48

50000

40000

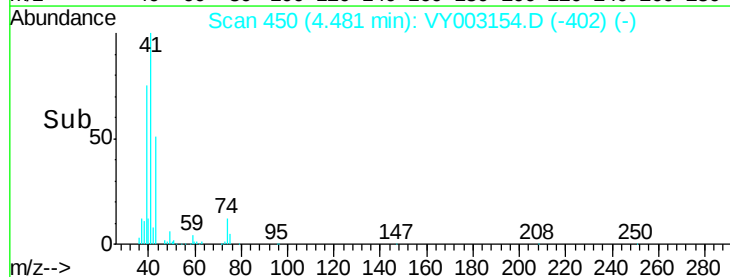
30000

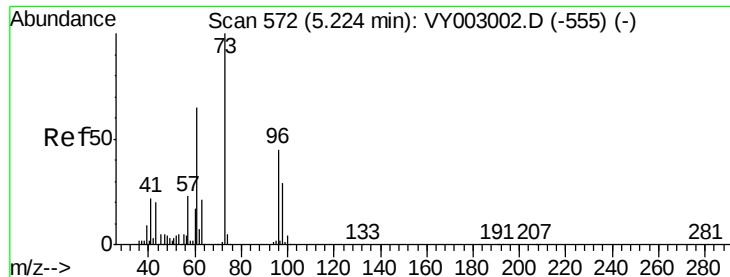
20000

10000

0

Time--> 4.40 4.50 4.60

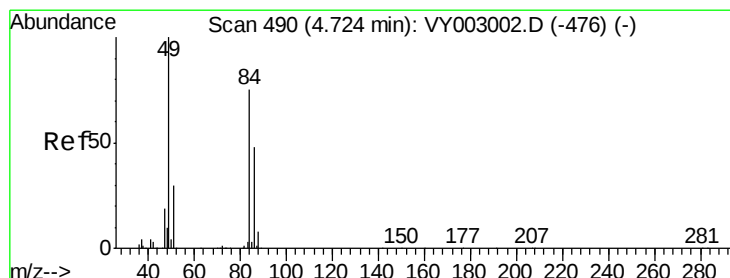
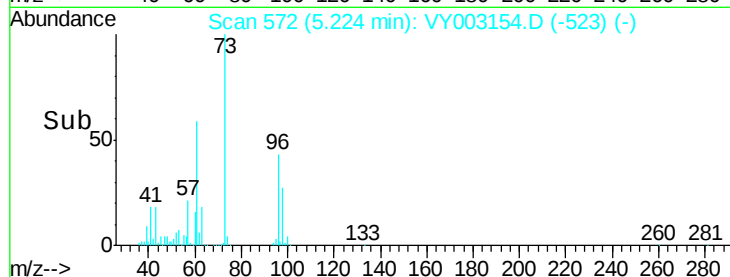
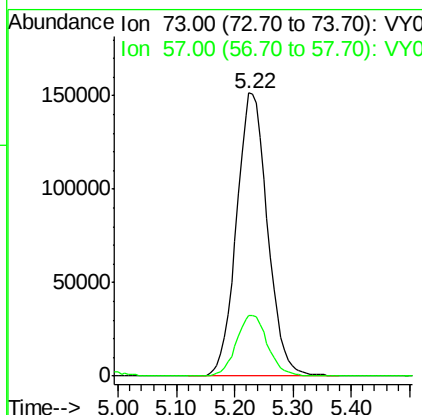
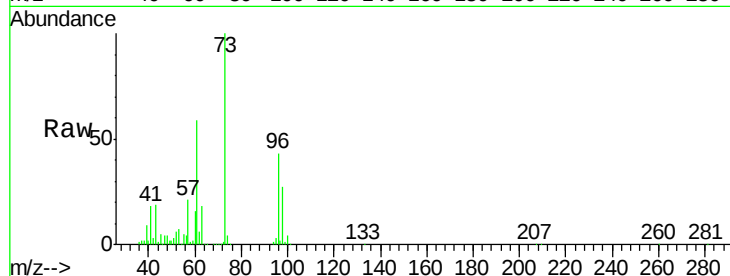




#19
Methvl tert-butvl Ether
Concen: 53.538 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

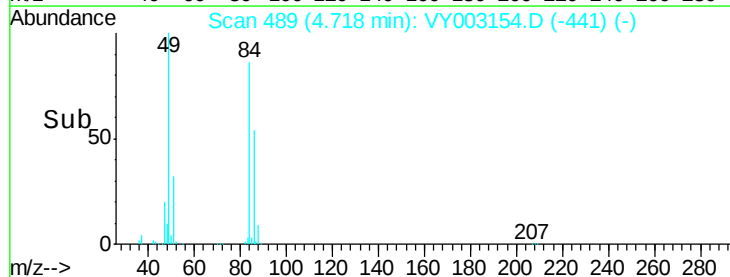
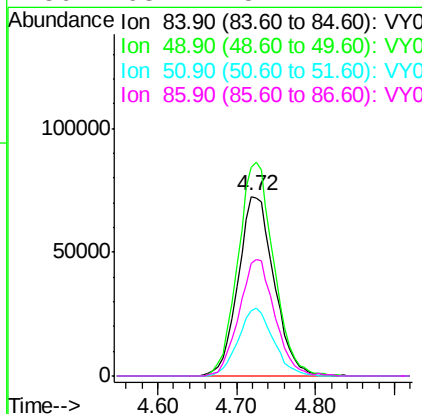
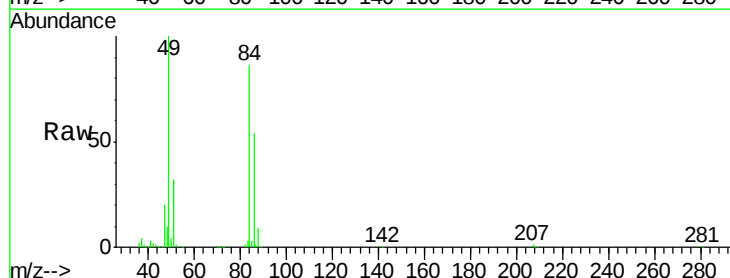
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

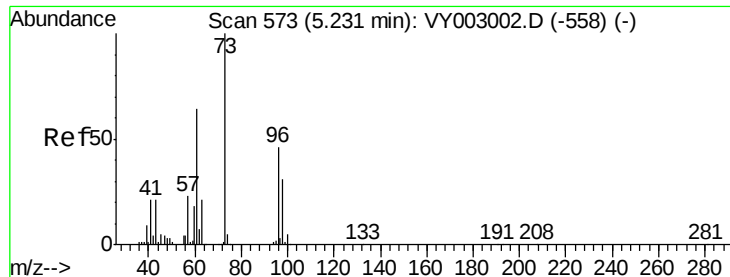
Tot Ion: 73 Resp: 559312
Ion Ratio Lower Upper
73 100
57 21.3 18.2 27.2



#20
Methylene Chloride
Concen: 53.764 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Tgt Ion: 84 Resp: 229931
Ion Ratio Lower Upper
84 100
49 116.2 106.8 160.2
51 36.6 32.0 48.0
86 63.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 50.150 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

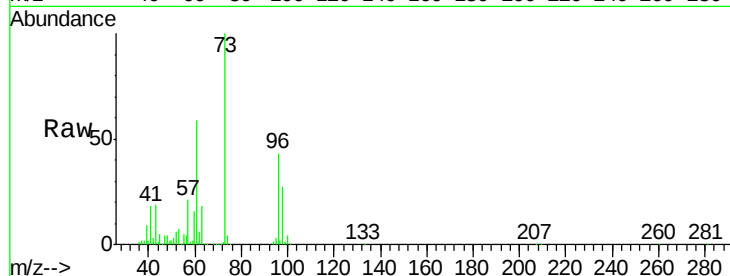
Tot Ion: 96 Resp: 203306

Ion Ratio Lower Upper

96 100

61 137.2 112.3 168.5

98 63.1 53.8 80.8

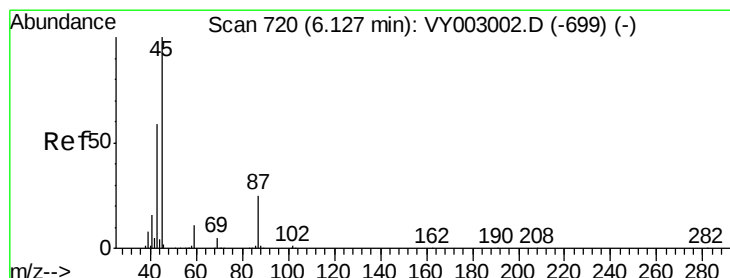
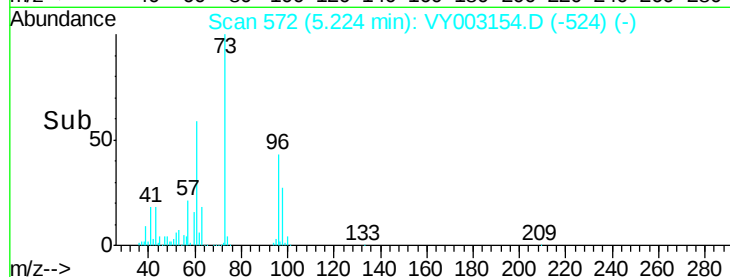
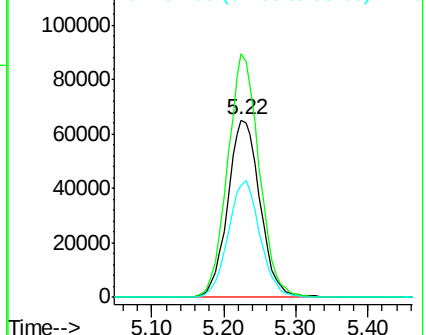


Abundance

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: 48.060 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Tgt Ion: 45 Resp: 644563

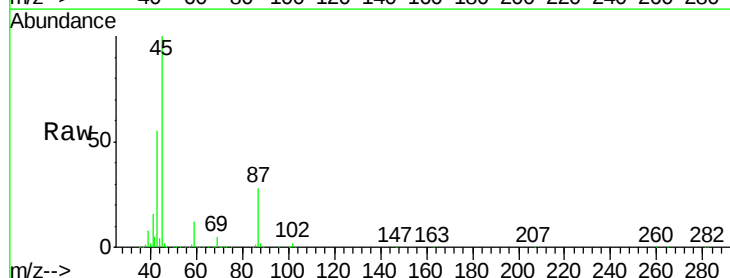
Ion Ratio Lower Upper

45 100

43 55.1 47.4 71.2

87 28.1 20.2 30.2

59 11.7 9.2 13.8



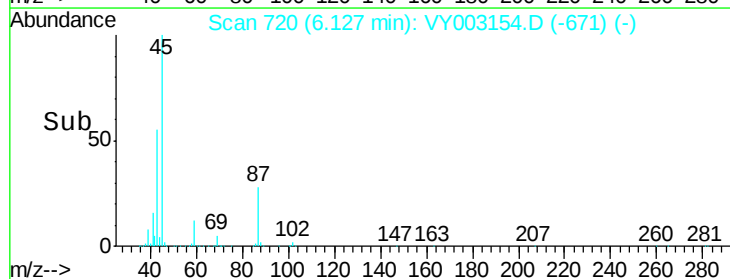
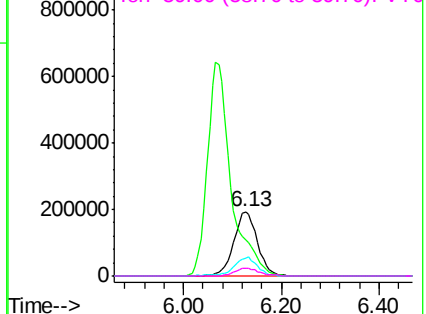
Abundance

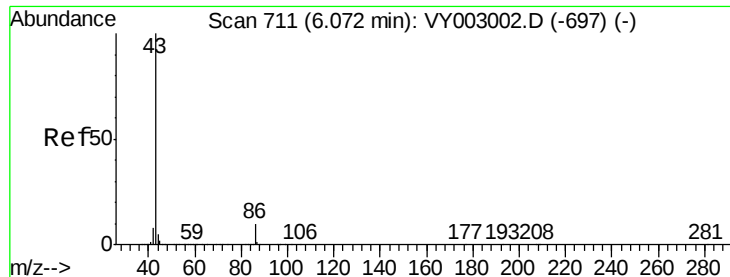
Ion 45.00 (44.70 to 45.70): VY0

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: 239.243 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

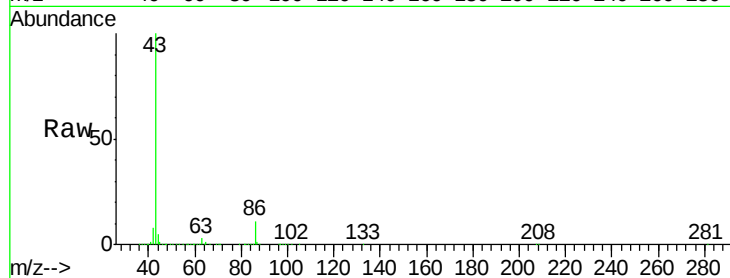
VSTDCCC050EC

Tot Ion: 43 Resp: 2145206

Ion Ratio Lower Upper

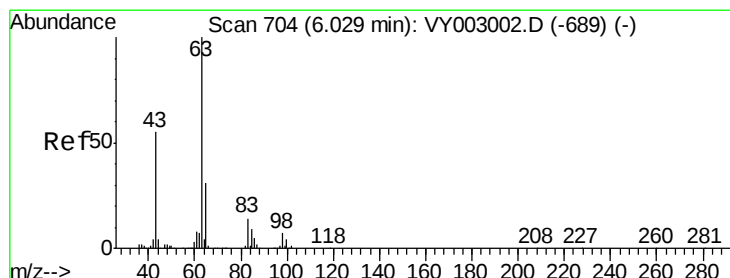
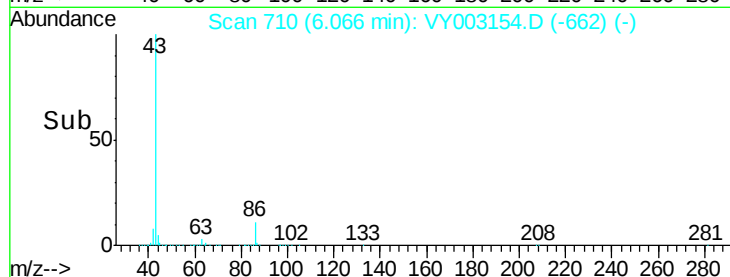
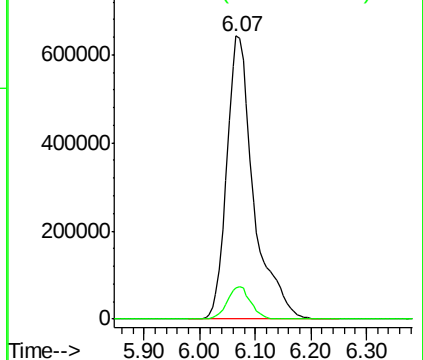
43 100

86 11.2 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 49.613 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

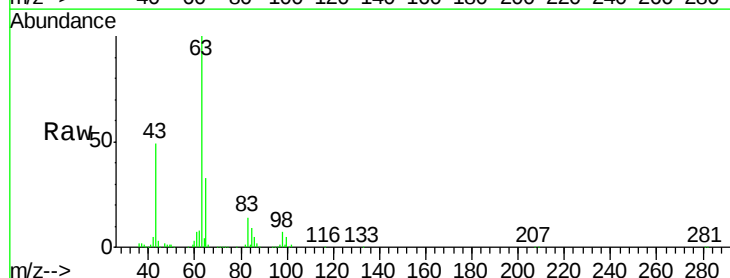
Tgt Ion: 63 Resp: 363474

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

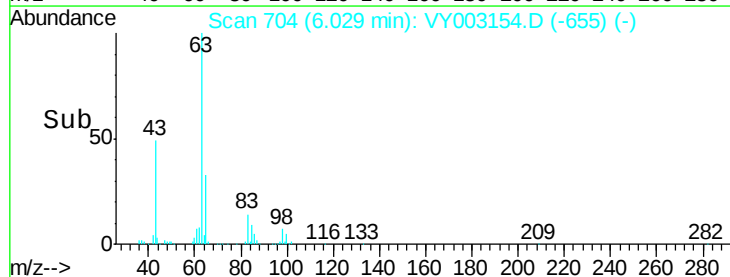
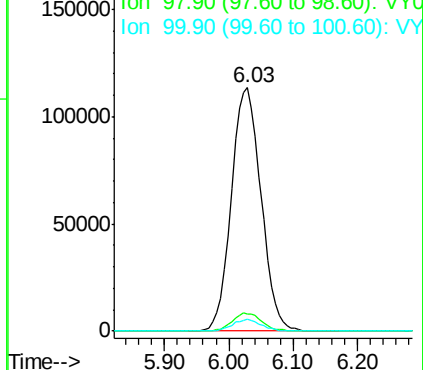
100 4.7 2.3 6.8

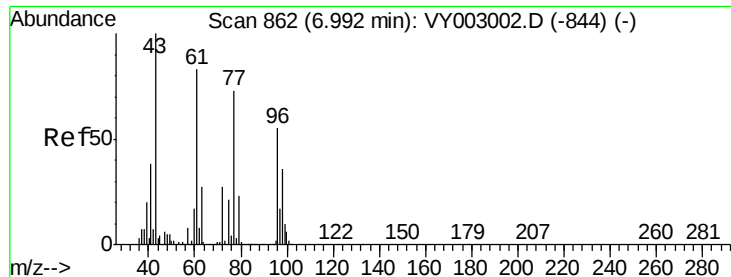


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 240.512 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

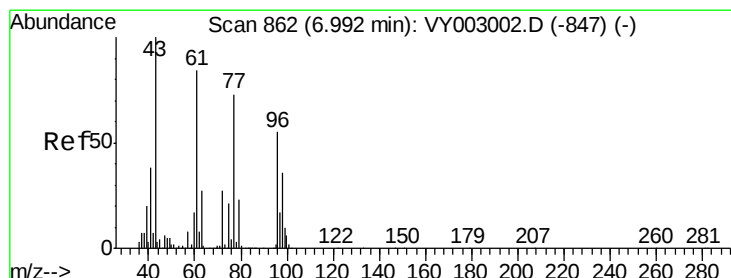
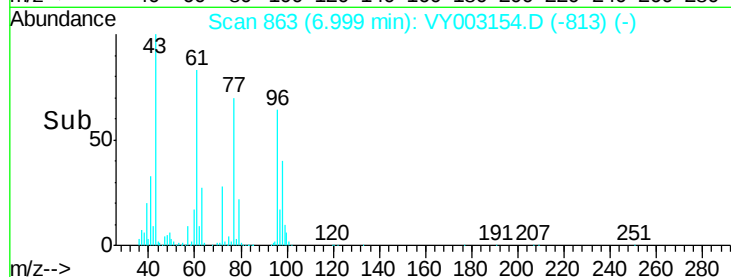
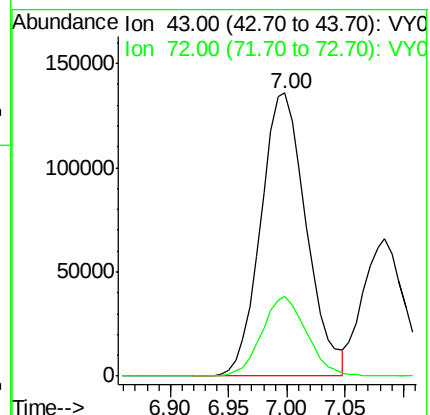
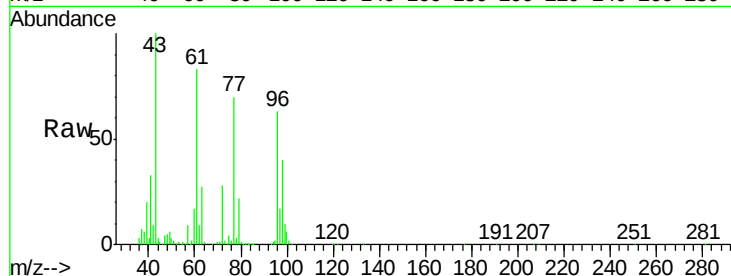
VSTDCCC050EC

Tot Ion: 43 Resp: 369766

Ion Ratio Lower Upper

43 100

72 28.2 21.4 32.0



#26

2,2-Dichloropropane

Concen: 47.208 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003154.D

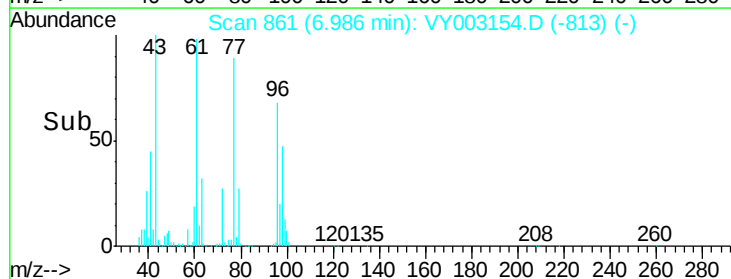
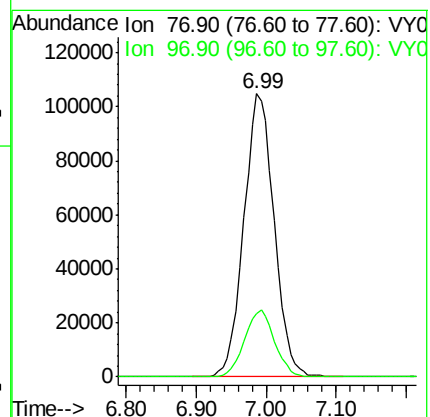
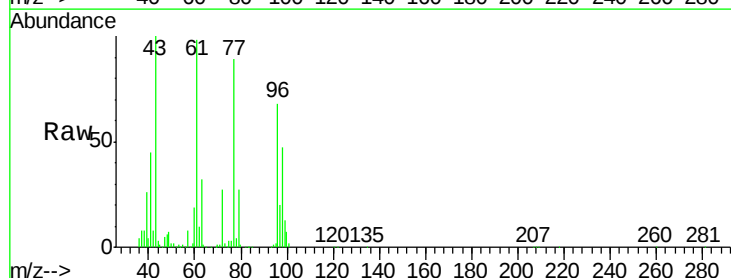
Acq: 09 Jul 2020 19:24

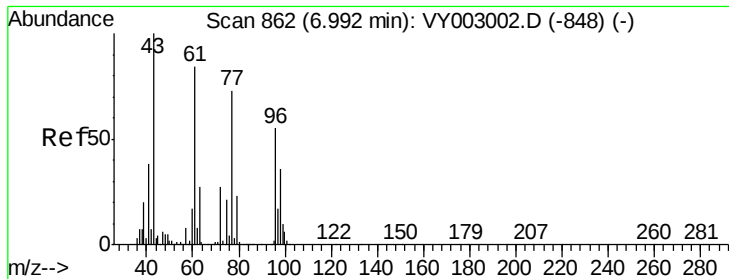
Tgt Ion: 77 Resp: 314227

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.9



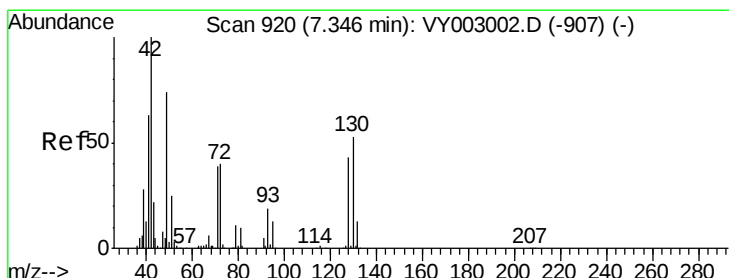
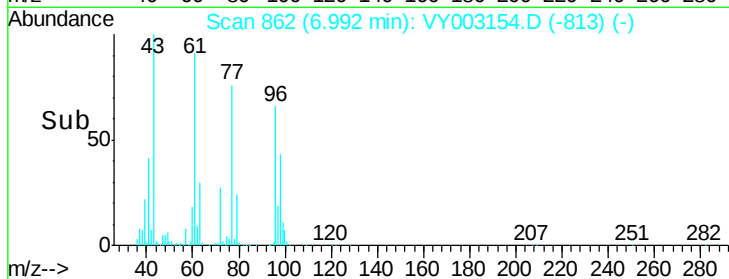
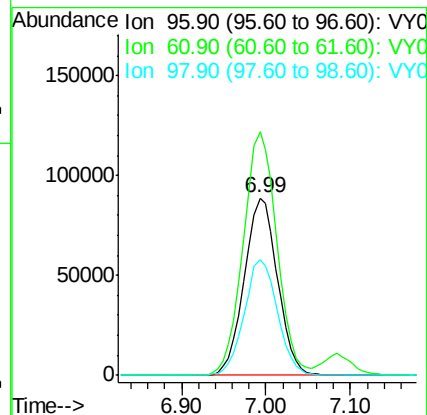
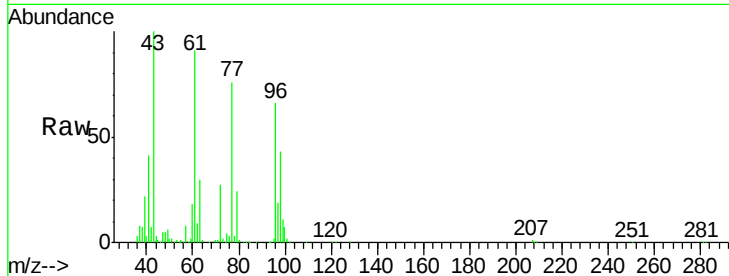


#27

cis-1,2-Dichloroethene
Concen: 51.883 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

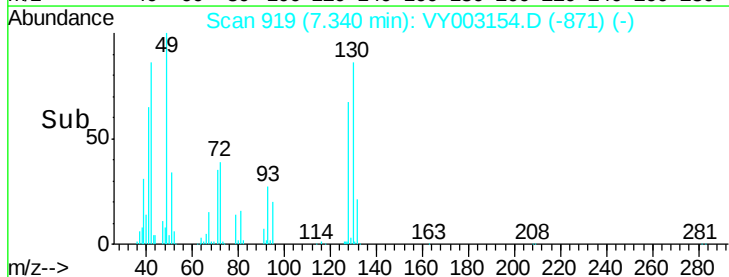
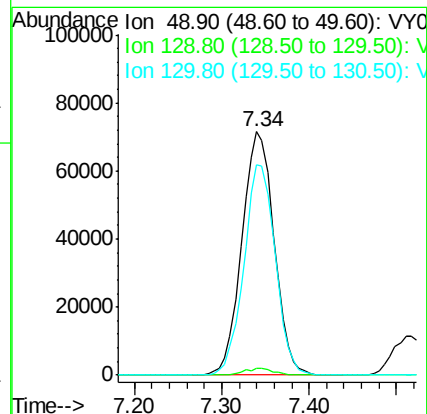
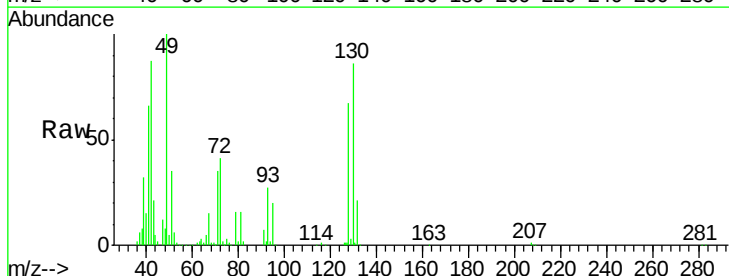
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	301.2
98	65.4	0.0	129.0

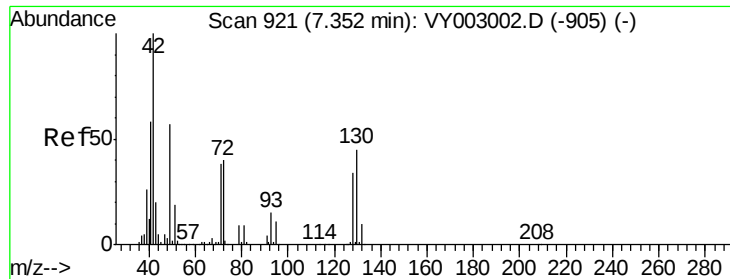


#28

Bromochloromethane
Concen: 56.095 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.4
130	84.4	57.0	85.6

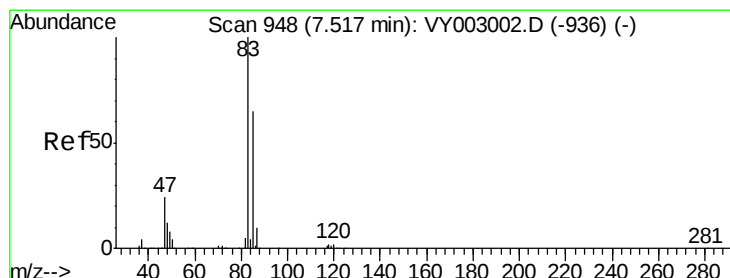
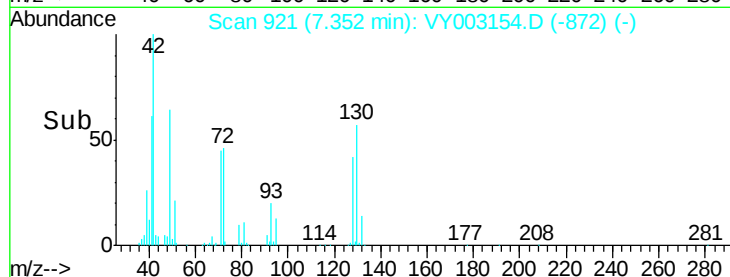
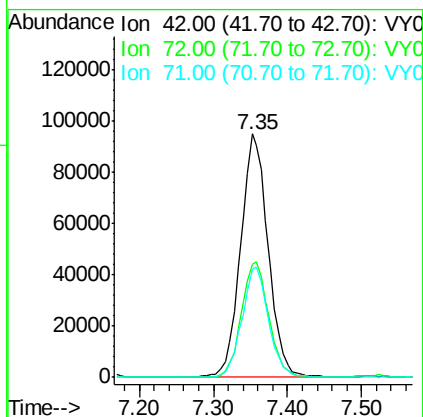
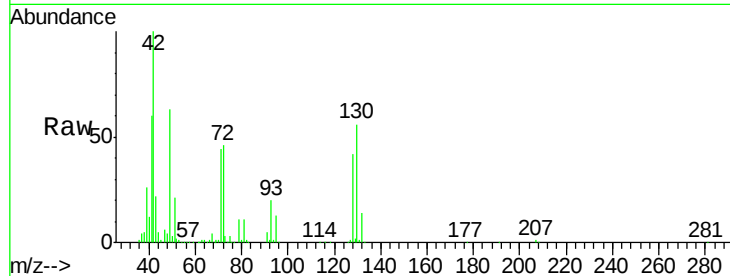




#29
Tetrahydrofuran
Concen: 240.014 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

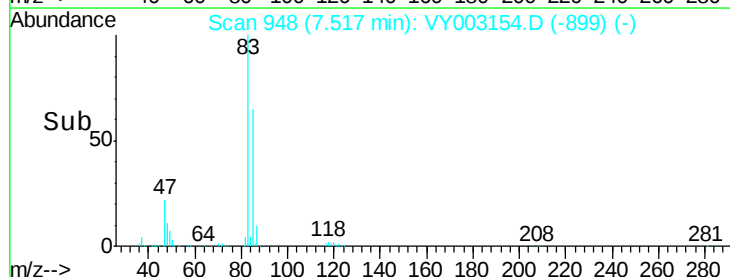
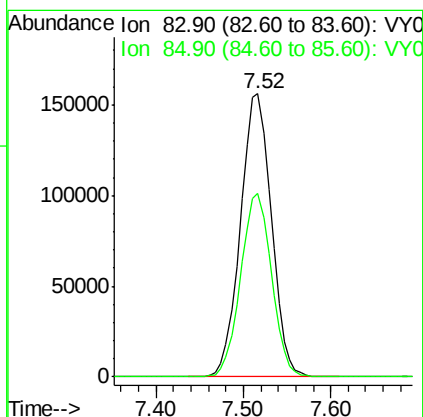
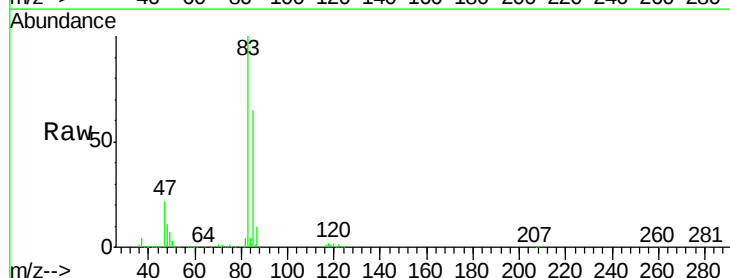
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

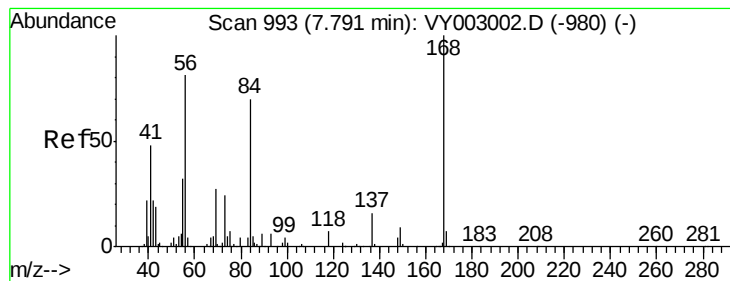
Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	32.9	49.3
71	44.0	31.2	46.8



#30
Chloroform
Concen: 52.928 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.7	77.5





#31

Cyclohexane

Concen: 42.148 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

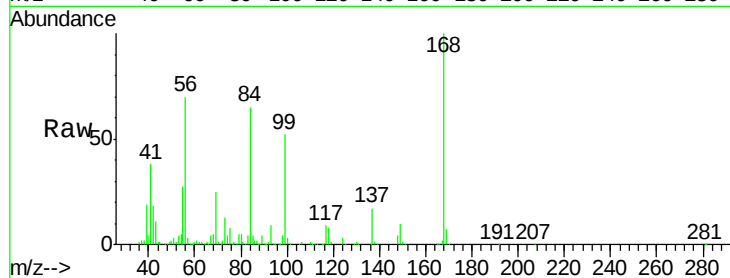
Tot Ion: 56 Resp: 304199

Ion Ratio Lower Upper

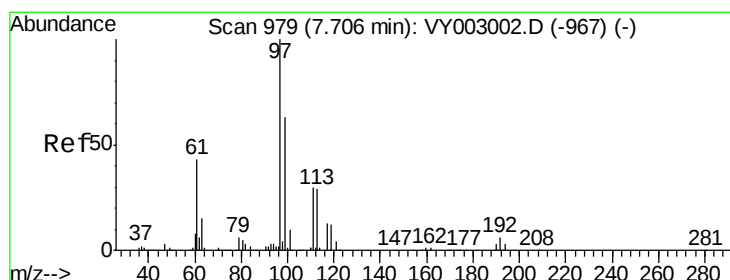
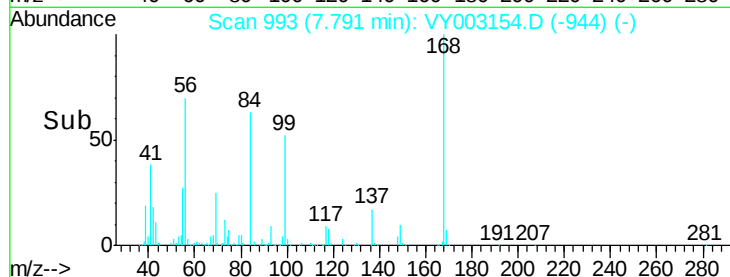
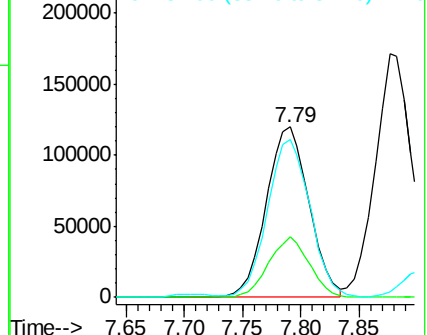
56 100

69 35.2 27.0 40.4

84 90.8 68.1 102.1



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



#32

1,1,1-Trichloroethane

Concen: 50.279 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

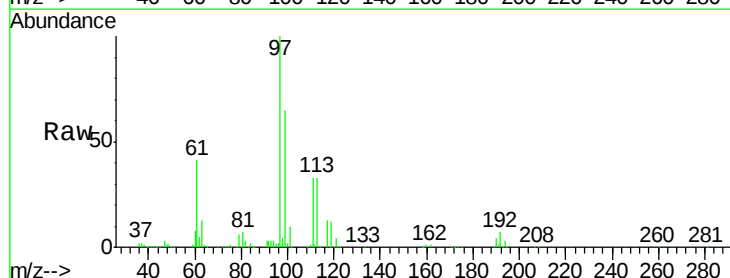
Tgt Ion: 97 Resp: 333097

Ion Ratio Lower Upper

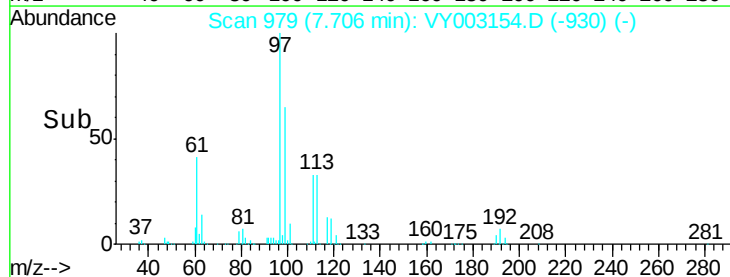
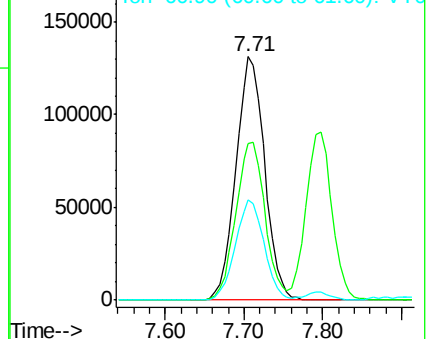
97 100

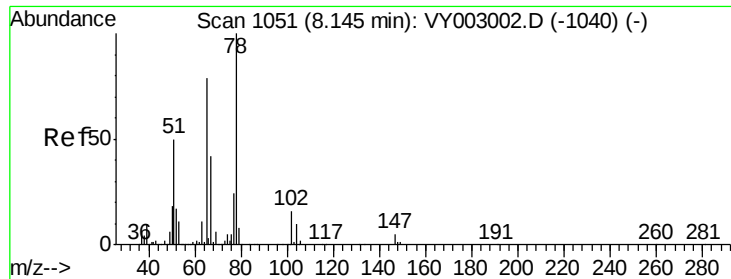
99 66.2 51.4 77.2

61 41.0 33.9 50.9



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

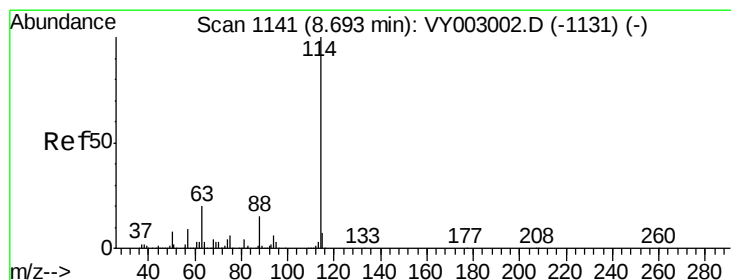
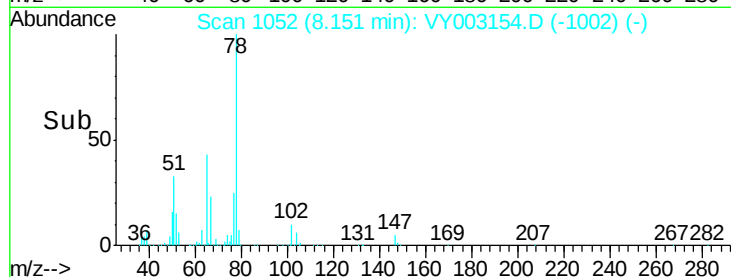
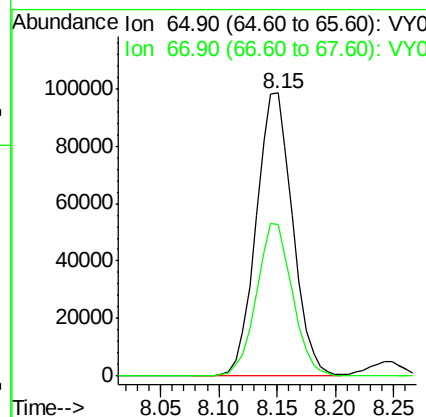
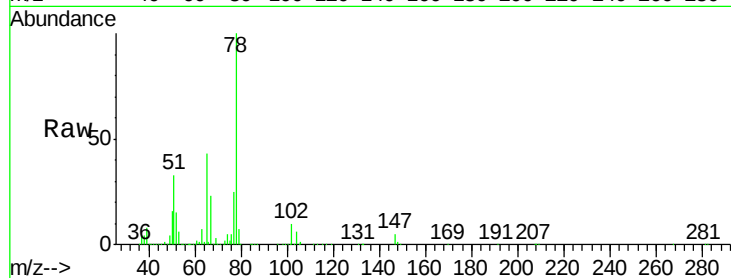




#33
 1,2-Dichloroethane-d4
 Concen: 52.377 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

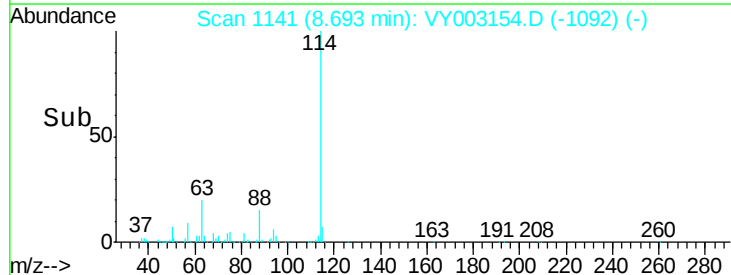
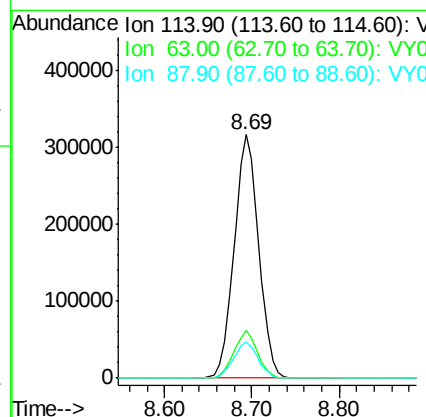
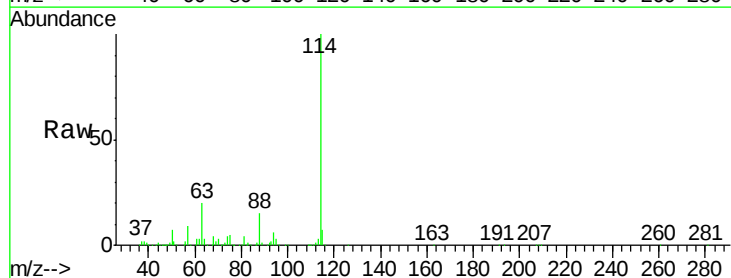
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

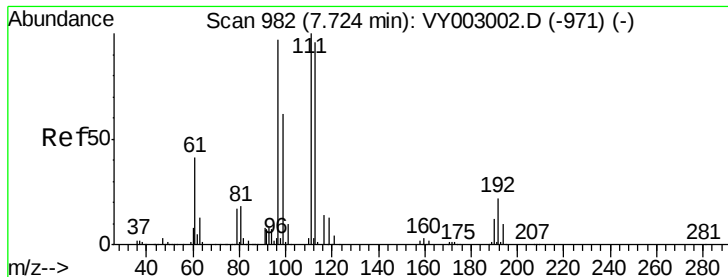
Tot Ion: 65 Resp: 214937
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

Tgt Ion: 114 Resp: 614842
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.6
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 55.413 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

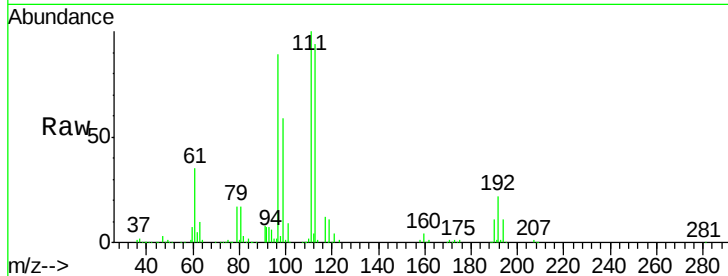
Tot Ion:113 Resp: 212534

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

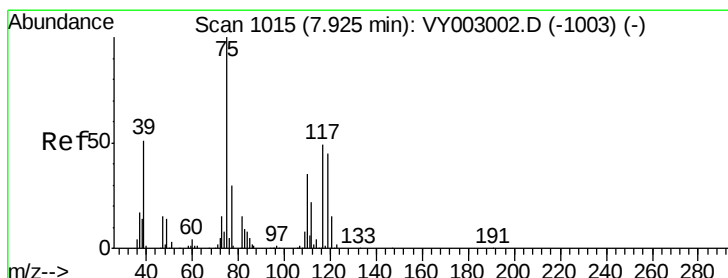
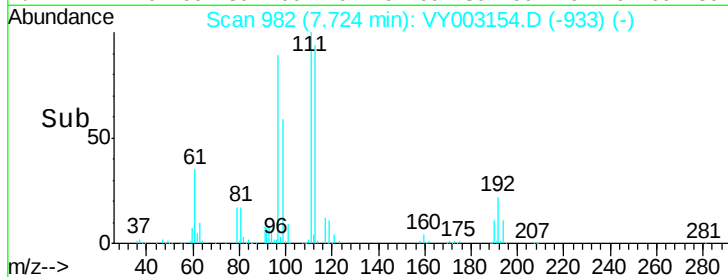
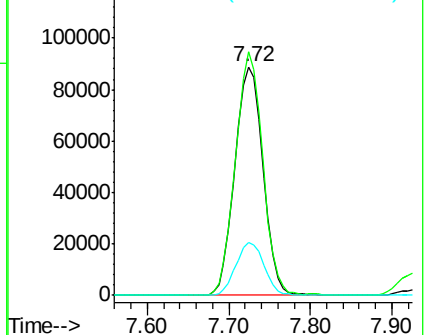
192 23.1 18.1 27.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.088 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

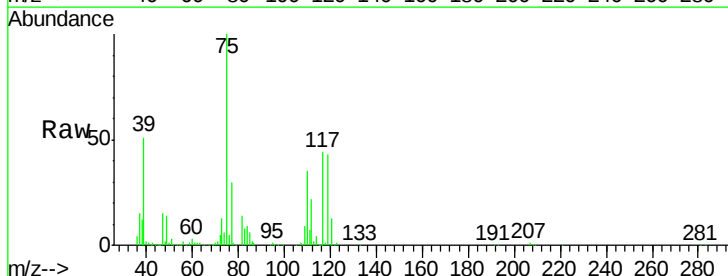
Tgt Ion: 75 Resp: 284797

Ion Ratio Lower Upper

75 100

110 35.8 17.1 51.2

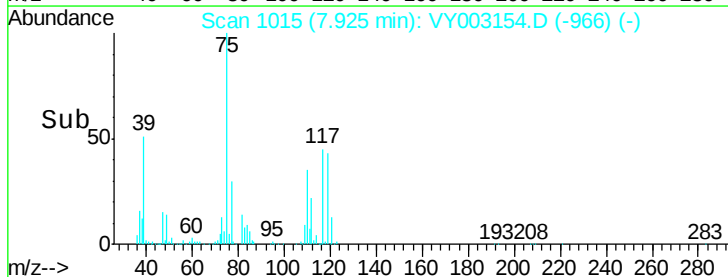
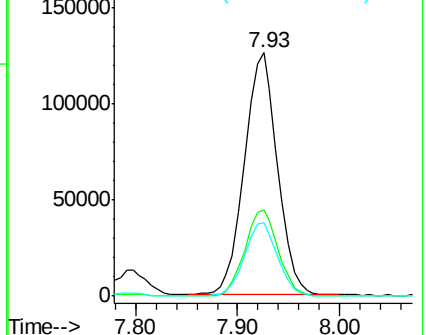
77 30.8 24.9 37.3

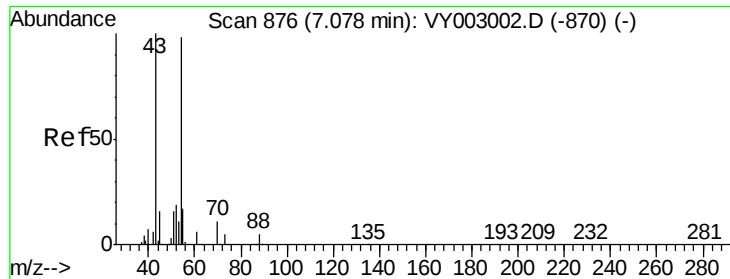


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

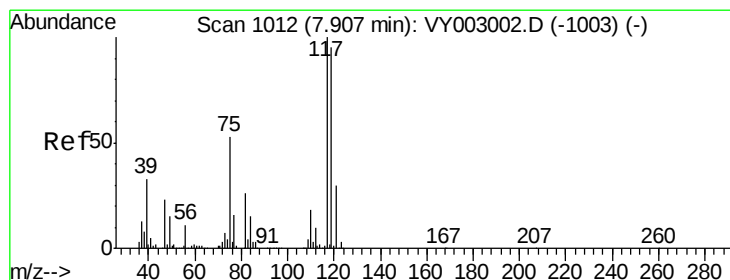
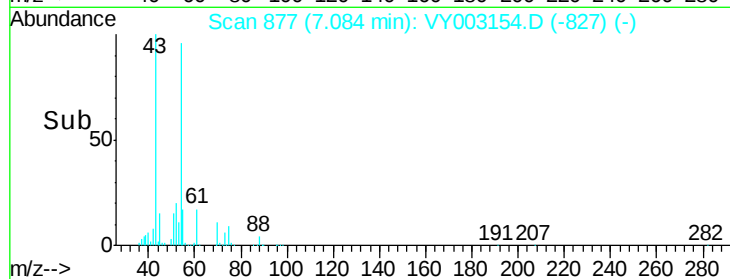
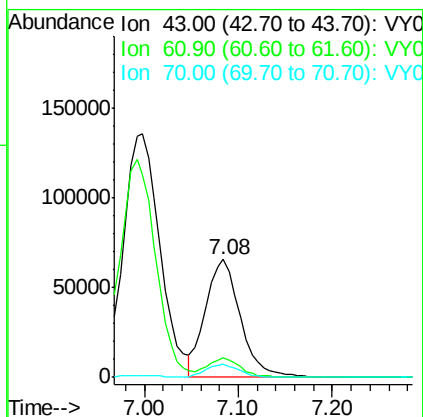
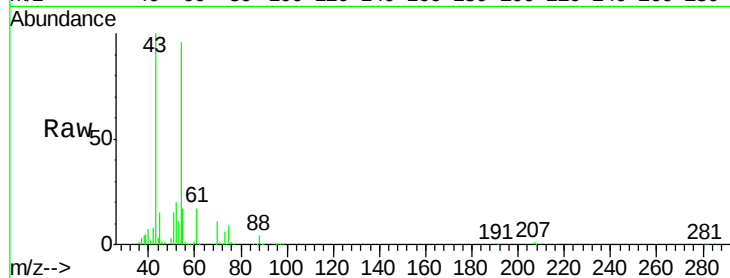




#37
Ethyl Acetate
Concen: 47.274 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

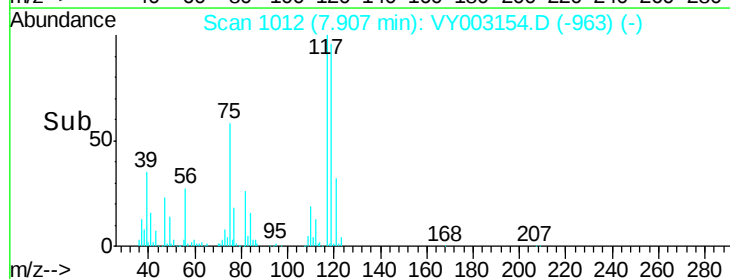
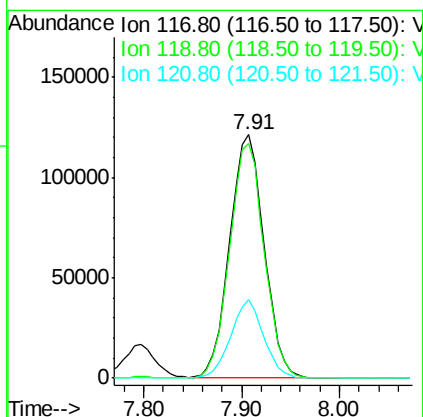
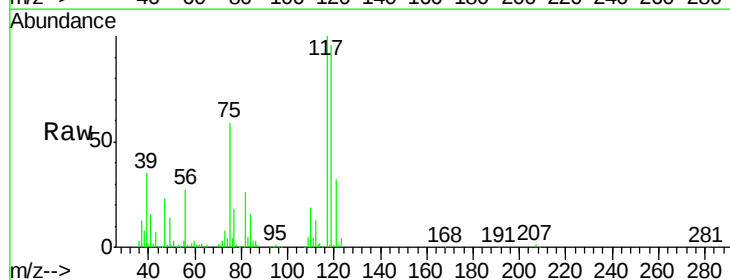
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

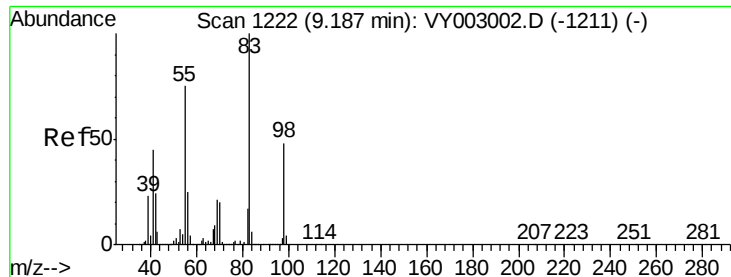
Tot Ion: 43 Resp: 168336
Ion Ratio Lower Upper
43 100
61 15.1 10.4 15.6
70 11.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 48.260 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Tgt Ion: 117 Resp: 297372
Ion Ratio Lower Upper
117 100
119 96.2 75.7 113.5
121 32.1 23.9 35.9

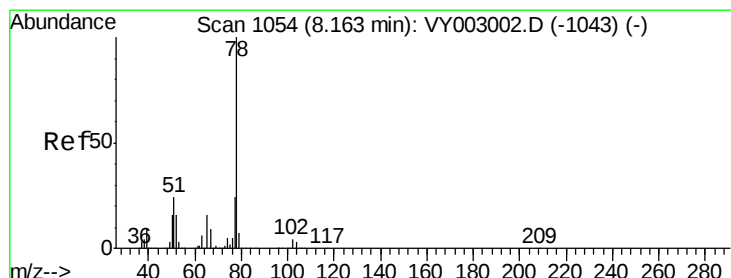
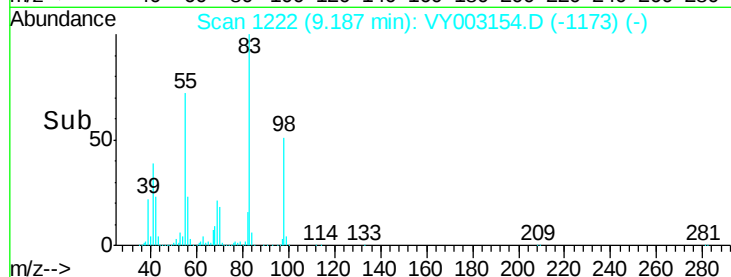
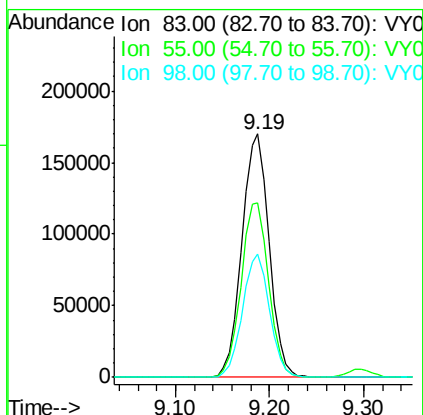
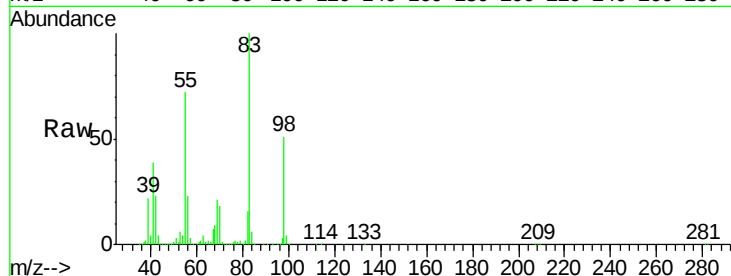




#39
Methvlcvclohexane
Concen: 46.906 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

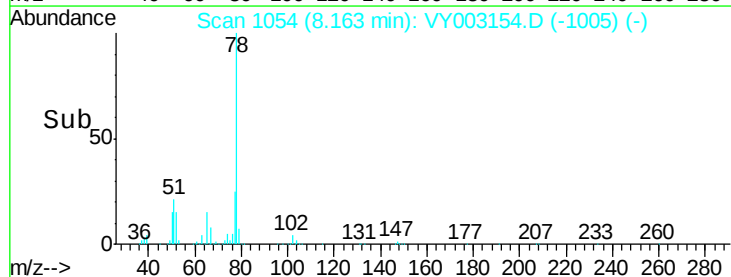
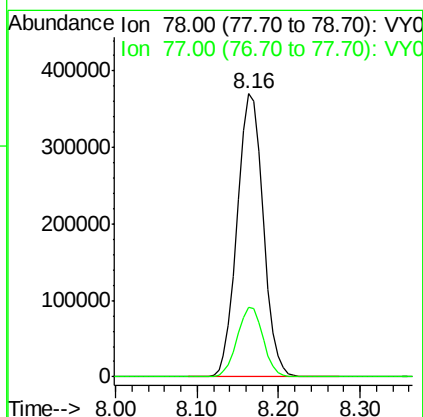
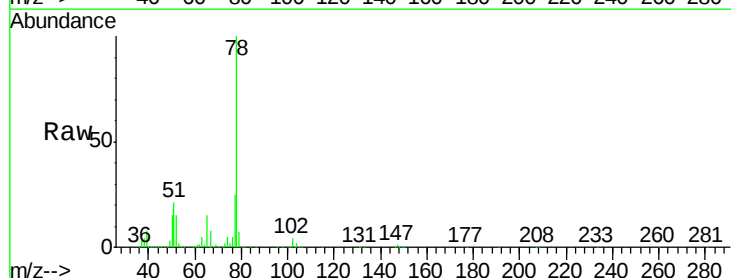
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

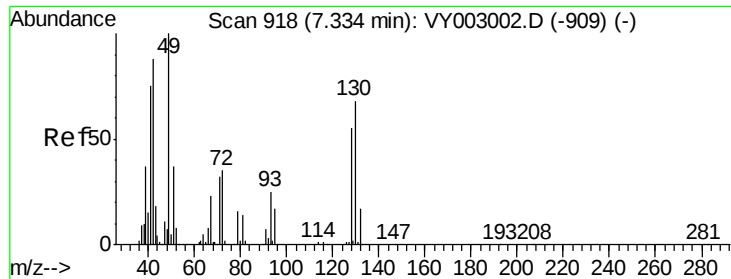
Tot Ion: 83 Resp: 344426
Ion Ratio Lower Upper
83 100
55 71.8 59.9 89.9
98 50.7 38.7 58.1



#40
Benzene
Concen: 50.336 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Tgt Ion: 78 Resp: 816139
Ion Ratio Lower Upper
78 100
77 24.7 19.2 28.8

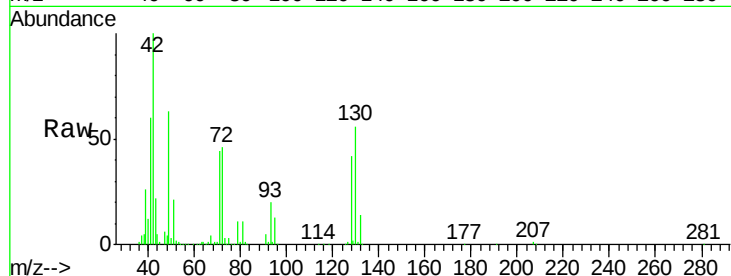




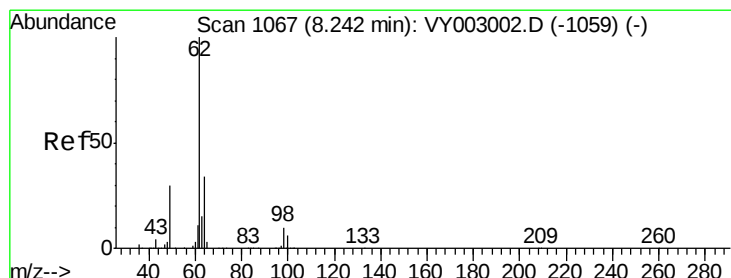
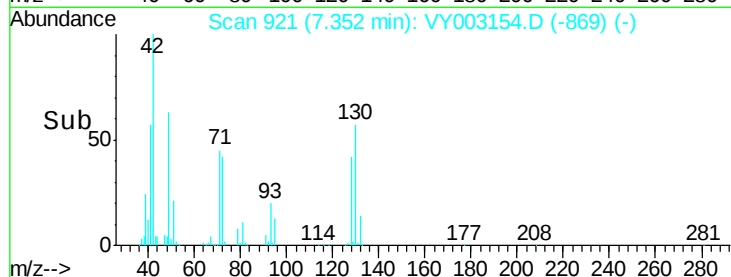
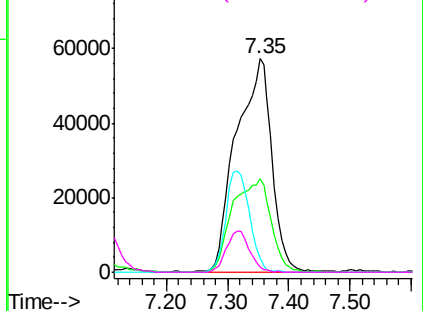
#41
Methacrylonitrile
Concen: 121.522 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 231153
Ion Ratio Lower Upper
41 100
39 47.4 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

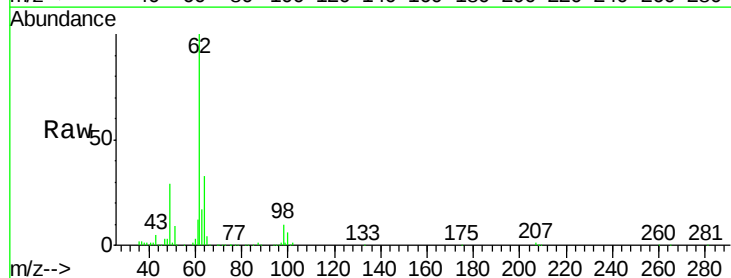


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

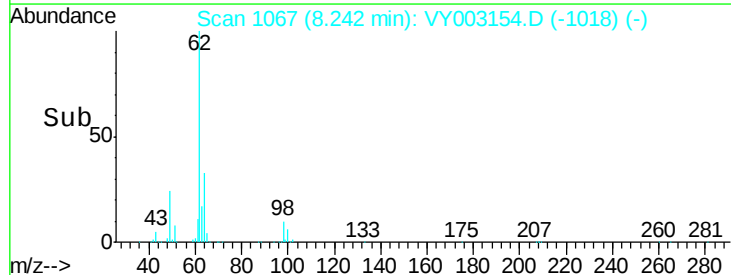
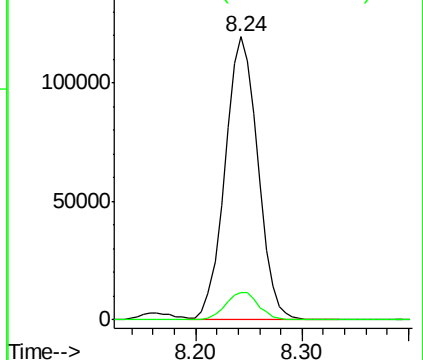


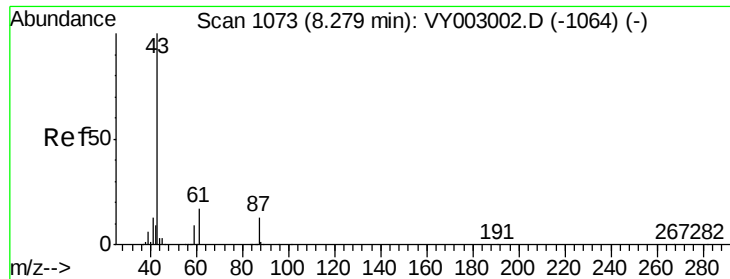
#42
1,2-Dichloroethane
Concen: 50.259 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Tgt Ion: 62 Resp: 257798
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



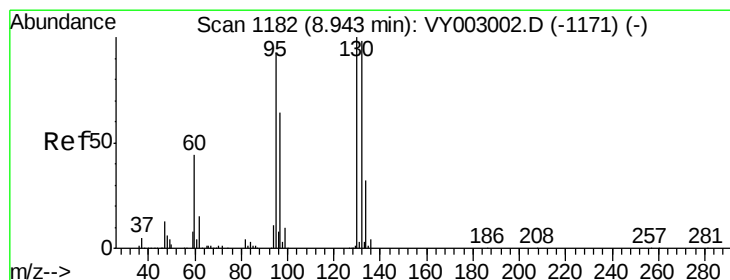
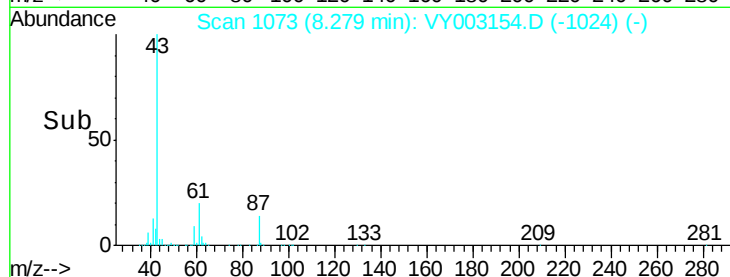
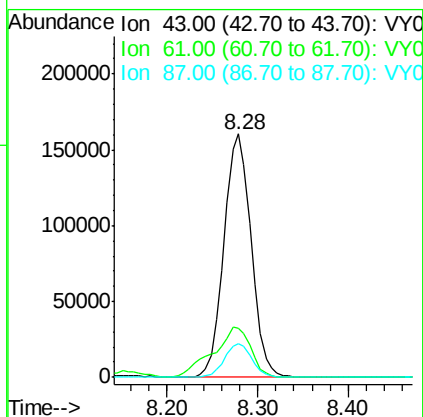
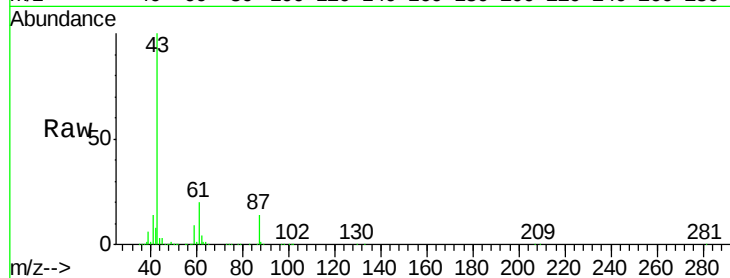


#43

Isopropyl Acetate
 Concen: 49.165 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

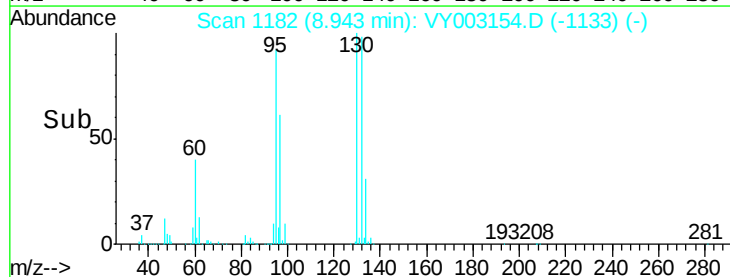
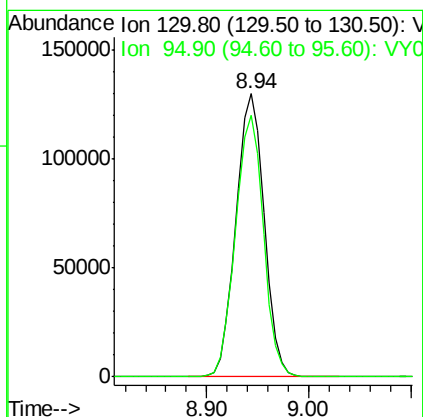
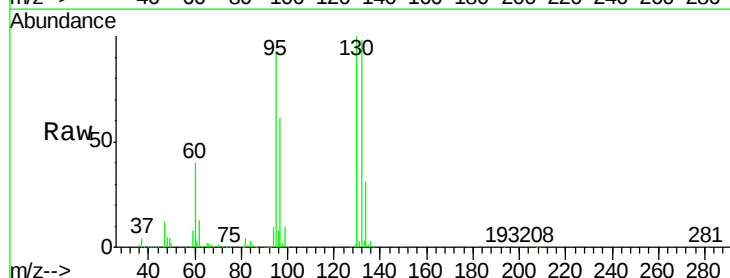
Tot Ion	43	Resp	332821
Ion Ratio	Lower	Upper	
43	100		
61	28.7	21.8	32.6
87	14.1	10.1	15.1

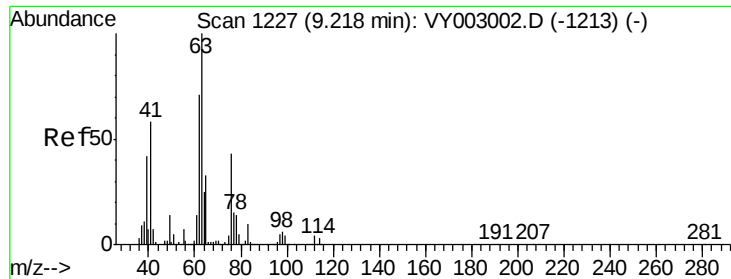


#44

Trichloroethene
 Concen: 52.992 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

Tgt Ion	130	Resp	249735
Ion Ratio	Lower	Upper	
130	100		
95	92.2	0.0	186.4

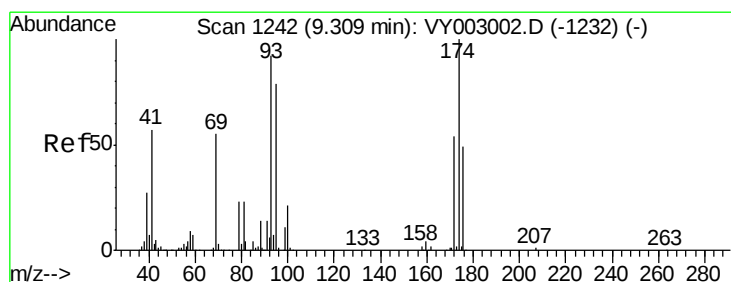
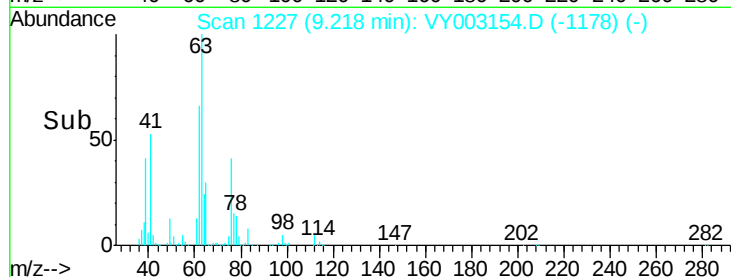
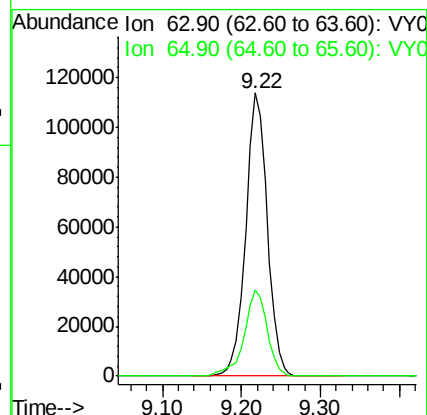
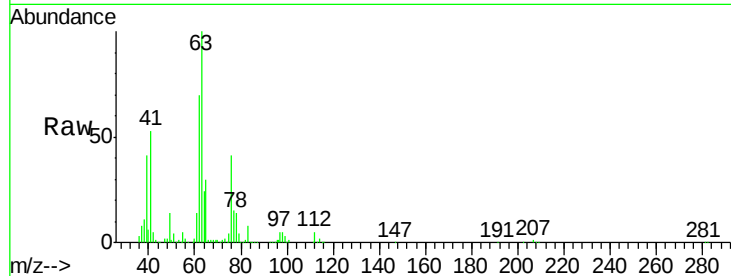




#45
 1,2-Dichloropropane
 Concen: 49.456 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

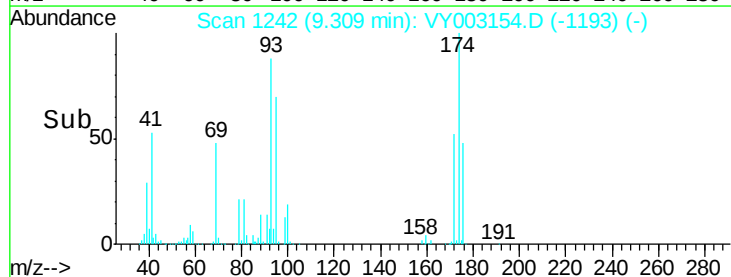
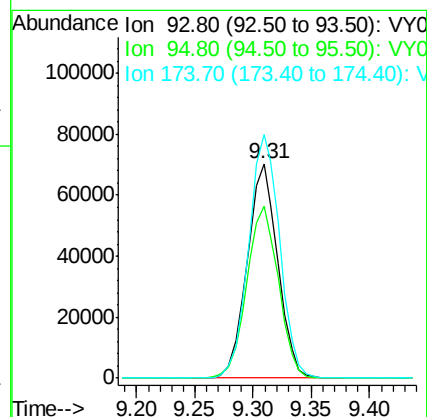
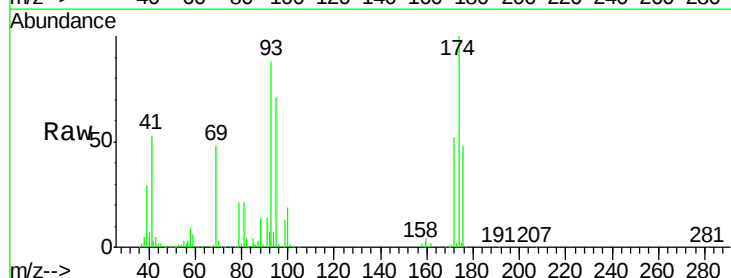
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

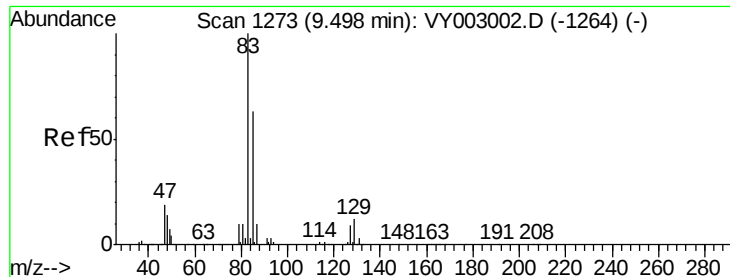
Tot Ion: 63 Resp: 215732
 Ion Ratio Lower Upper
 63 100
 65 30.3 26.2 39.4



#46
 Dibromomethane
 Concen: 52.791 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

Tgt Ion: 93 Resp: 128616
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.6 101.4
 174 115.6 88.3 132.5





#47

Bromodichloromethane

Concen: 51.598 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

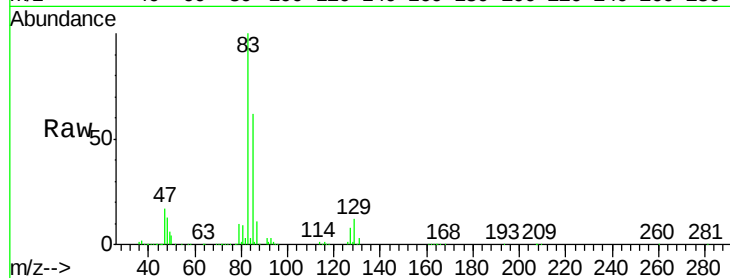
Tot Ion: 83 Resp: 307816

Ion Ratio Lower Upper

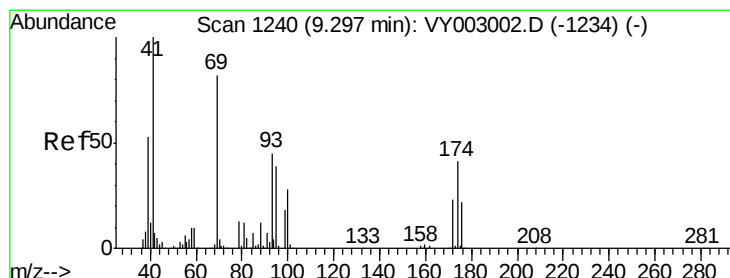
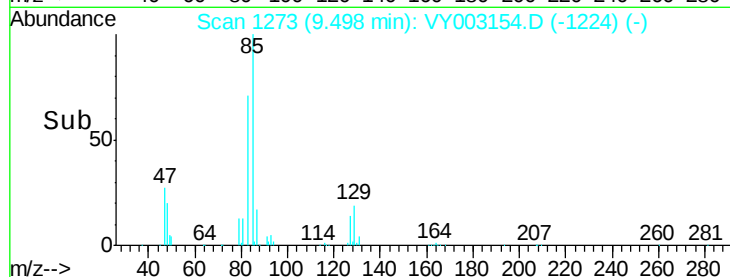
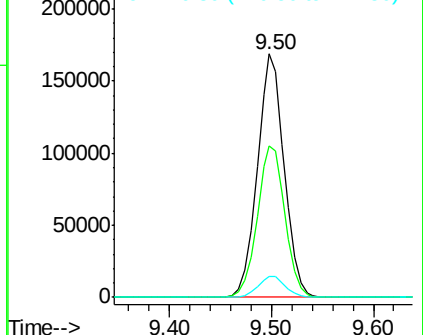
83 100

85 62.1 50.5 75.7

127 8.4 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: 48.632 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

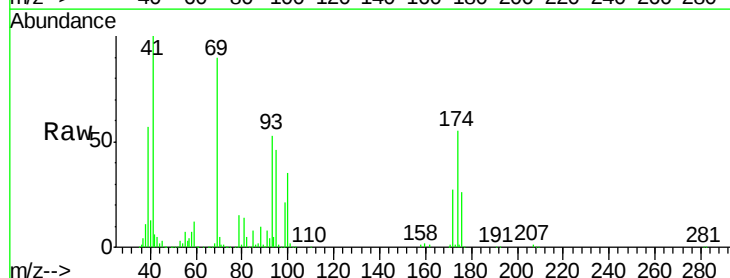
Tgt Ion: 41 Resp: 149847

Ion Ratio Lower Upper

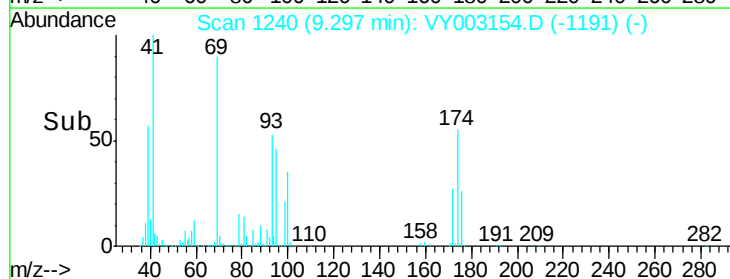
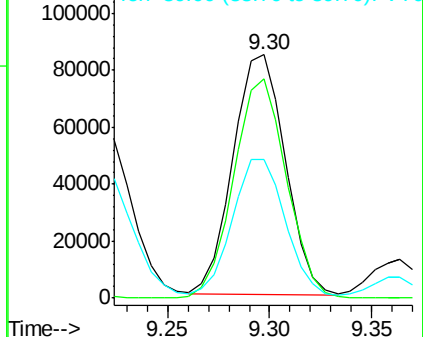
41 100

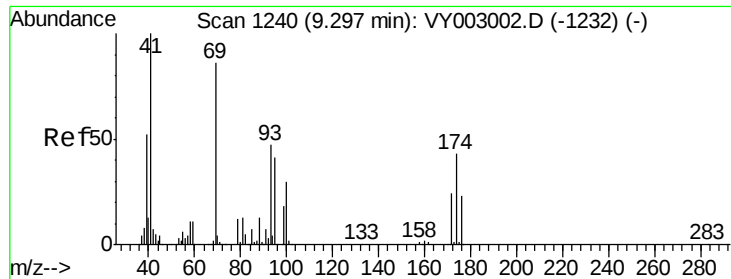
69 92.6 67.7 101.5

39 59.8 45.0 67.4



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

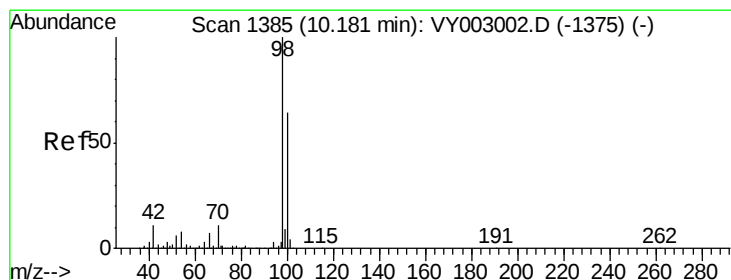
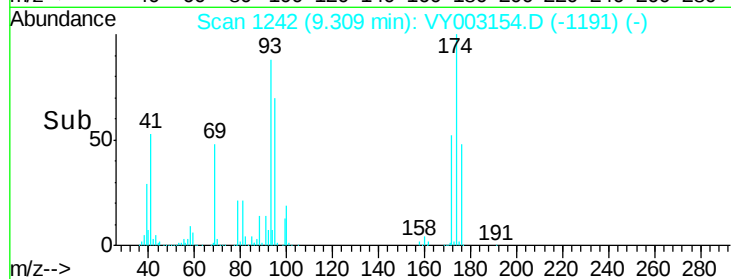
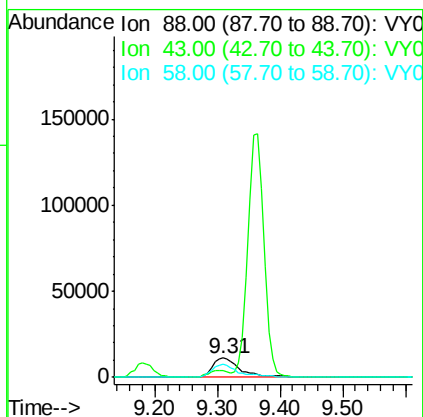
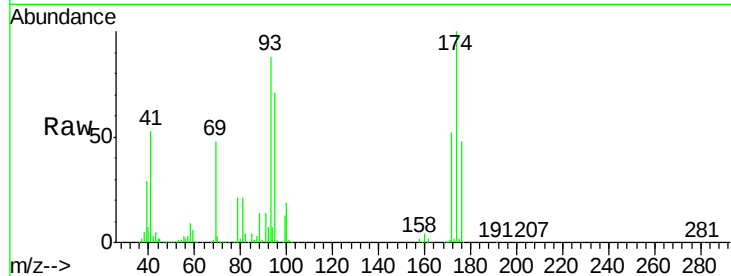




#49
 1,4-Dioxane
 Concen: 1185.530 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

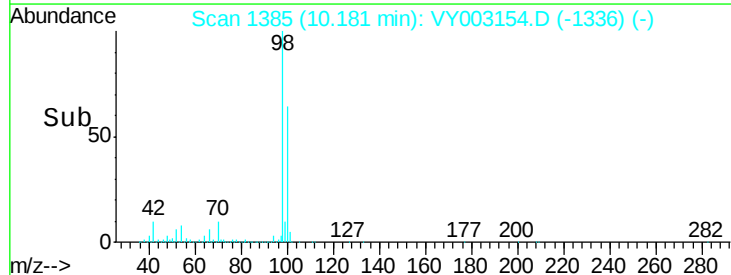
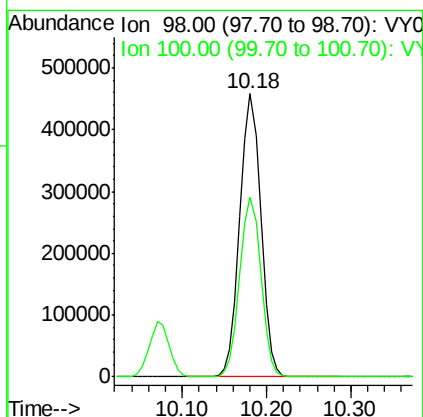
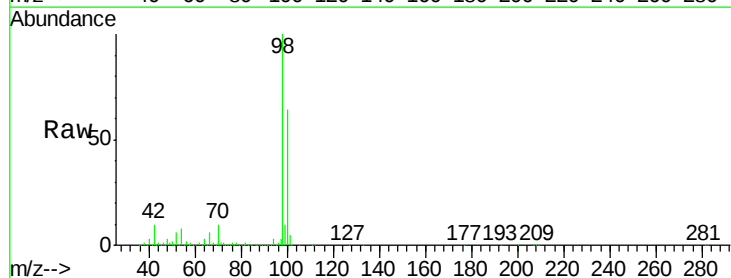
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

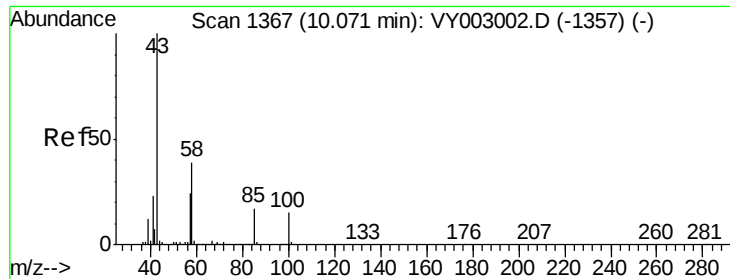
Tot Ion: 88 Resp: 35258
 Ion Ratio Lower Upper
 88 100
 43 25.2 28.6 42.8#
 58 67.0 56.7 85.1



#50
 Toluene-d8
 Concen: 53.736 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

Tgt Ion: 98 Resp: 767823
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 252.413 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

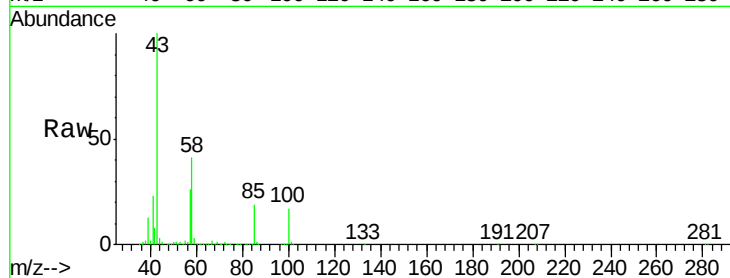
VSTDCCC050EC

Tot Ion: 43 Resp: 883144

Ion Ratio Lower Upper

43 100

58 41.1 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VY003154.D (-1357) (-)

Ion 58.00 (57.70 to 58.70): VY003154.D (-1357) (-)

10.07

500000

400000

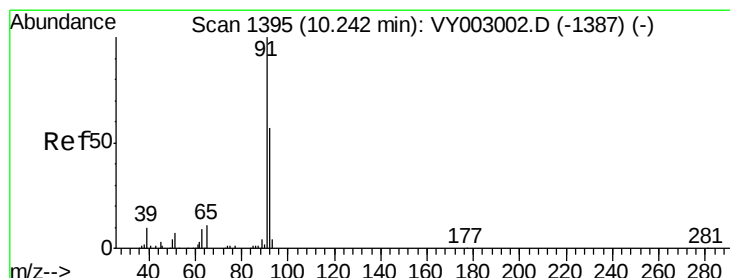
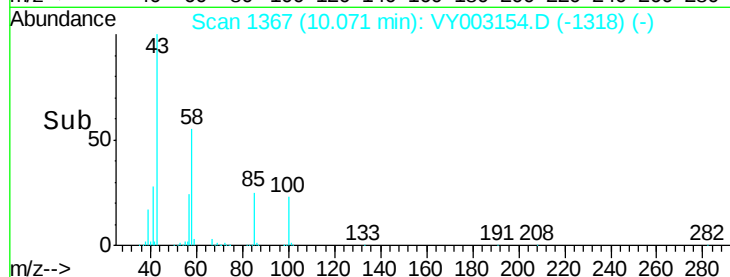
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.164 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003154.D

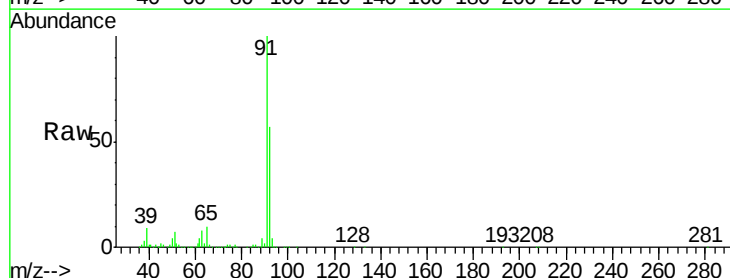
Acq: 09 Jul 2020 19:24

Tgt Ion: 92 Resp: 522220

Ion Ratio Lower Upper

92 100

91 175.4 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VY003154.D (-1387) (-)

Ion 91.00 (90.70 to 91.70): VY003154.D (-1387) (-)

10.24

500000

400000

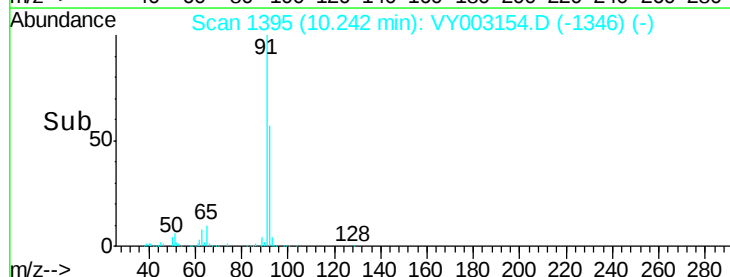
300000

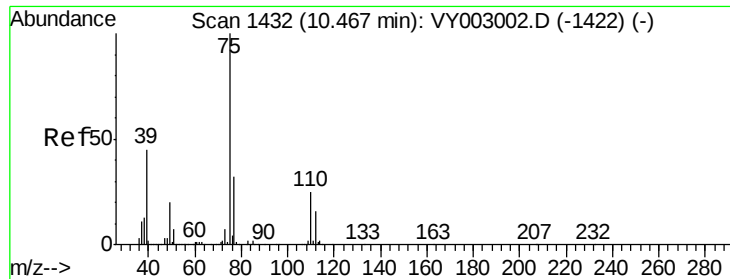
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.608 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

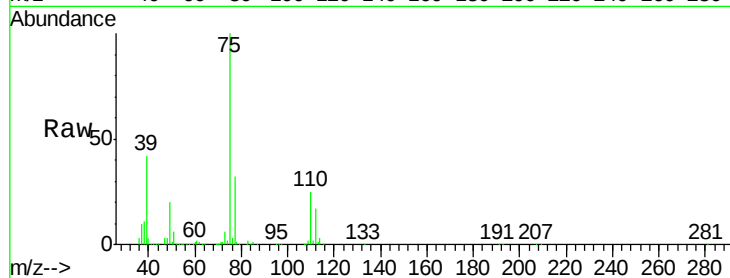
VSTDCCC050EC

Tot Ion: 75 Resp: 316533

Ion Ratio Lower Upper

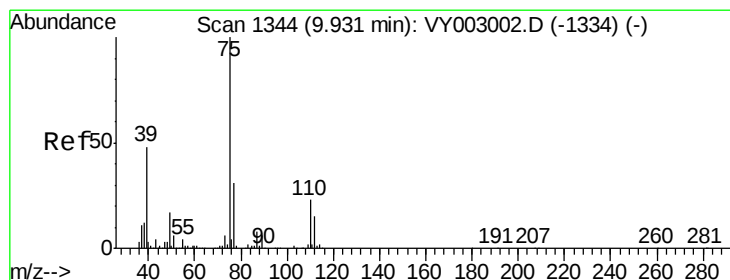
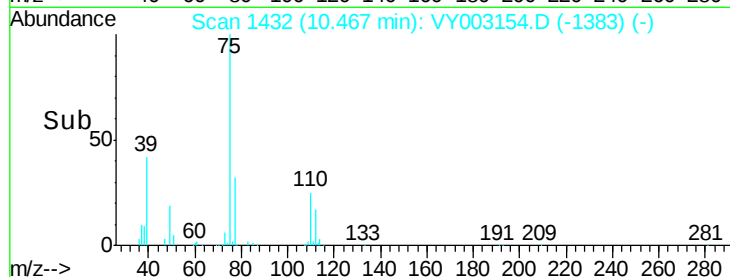
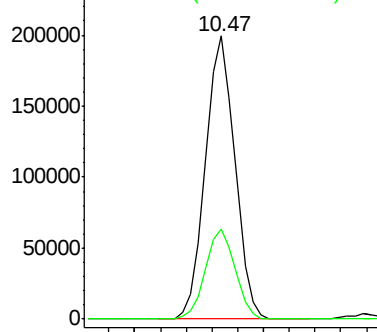
75 100

77 31.9 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 49.909 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

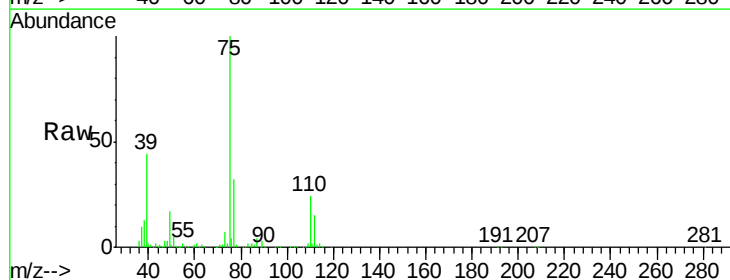
Tgt Ion: 75 Resp: 357007

Ion Ratio Lower Upper

75 100

77 32.4 24.6 37.0

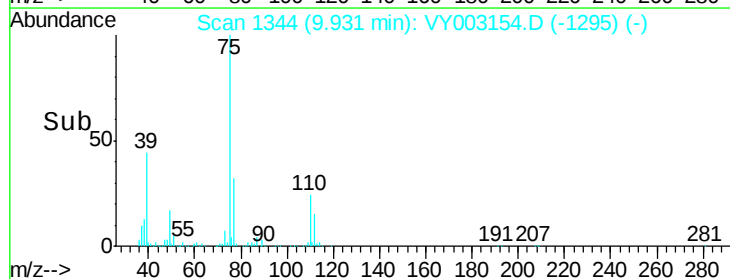
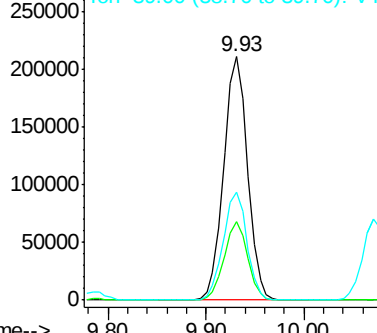
39 44.1 38.3 57.5

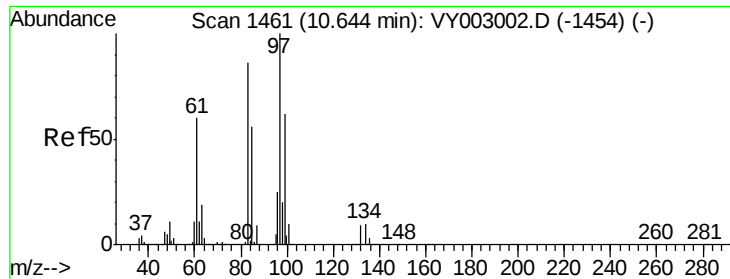


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0



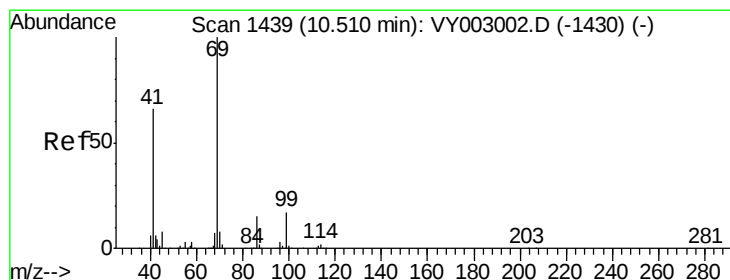
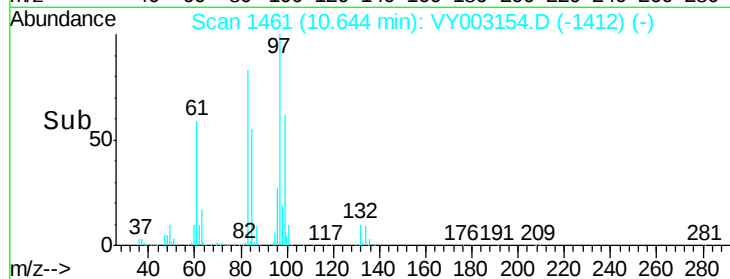
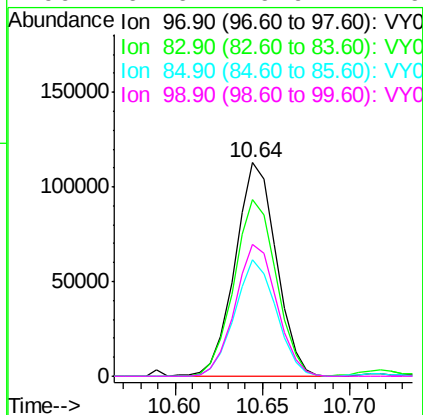
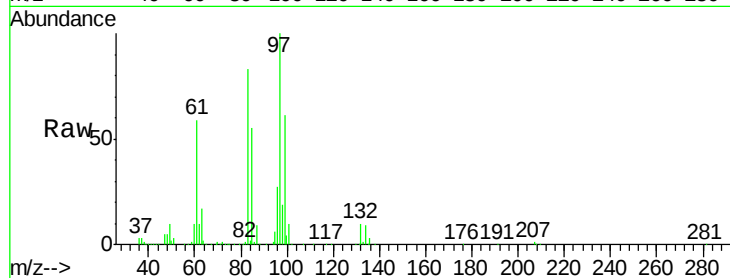


#55
 1,1,2-Trichloroethane
 Concen: 54.308 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 183859

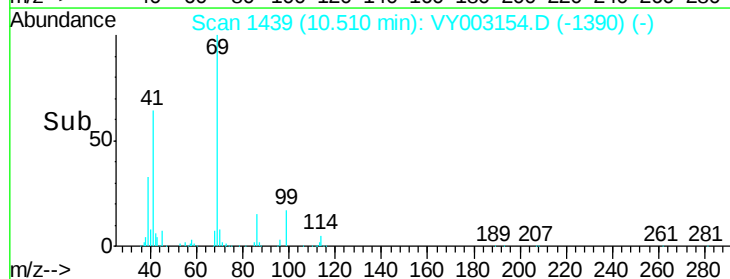
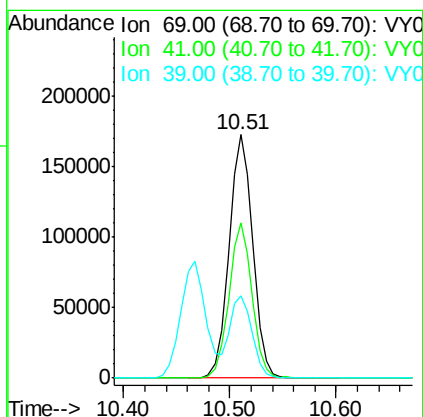
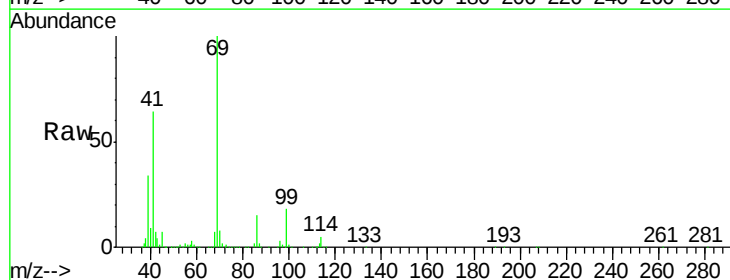
Ion	Ratio	Lower	Upper
97	100		
83	82.7	69.0	103.6
85	54.8	44.8	67.2
99	61.6	49.9	74.9

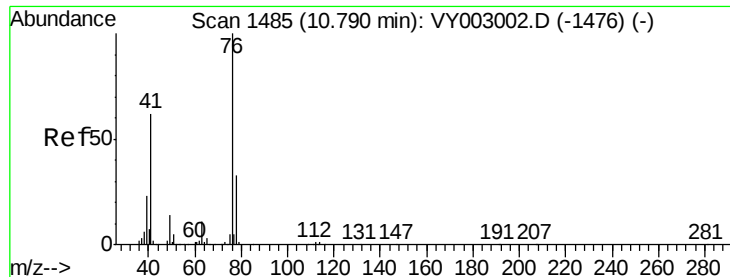


#56
 Ethyl methacrylate
 Concen: 54.842 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

Tgt Ion: 69 Resp: 268764

Ion	Ratio	Lower	Upper
69	100		
41	62.2	53.7	80.5
39	31.4	28.3	42.5





#57

1,3-Dichloropropane

Concen: 52.247 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

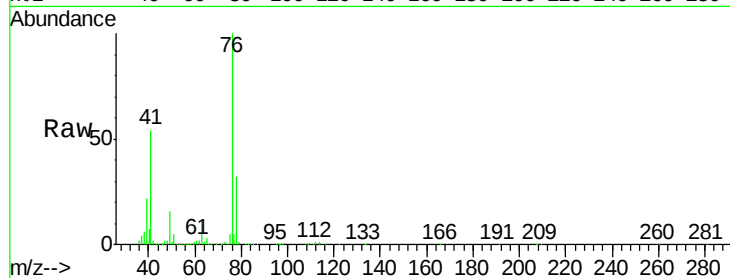
VSTDCCC050EC

Tot Ion: 76 Resp: 310523

Ion Ratio Lower Upper

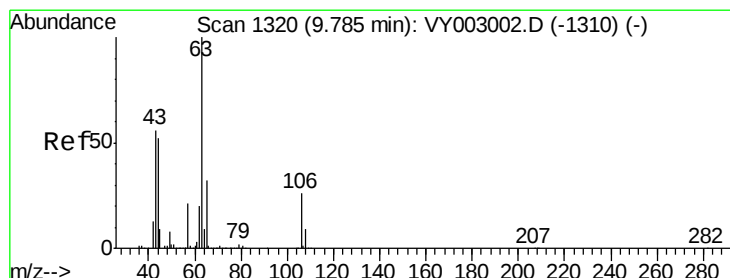
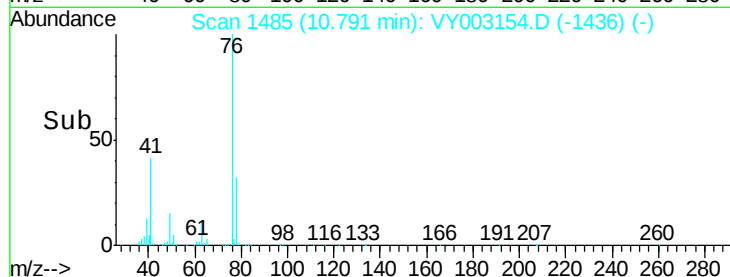
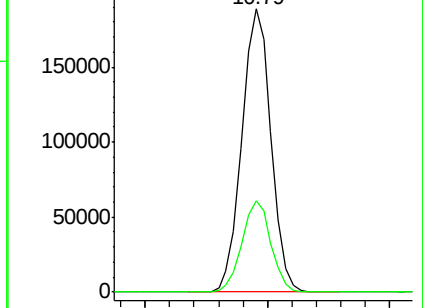
76 100

78 32.1 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 264.062 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003154.D

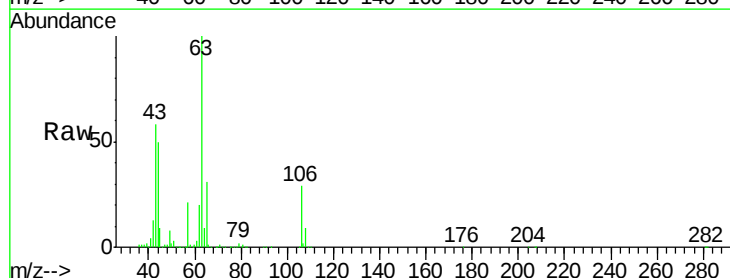
Acq: 09 Jul 2020 19:24

Tgt Ion: 63 Resp: 663702

Ion Ratio Lower Upper

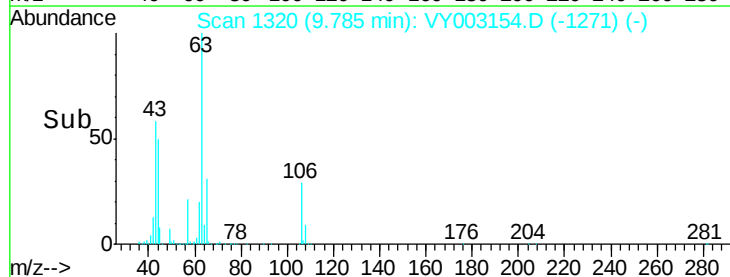
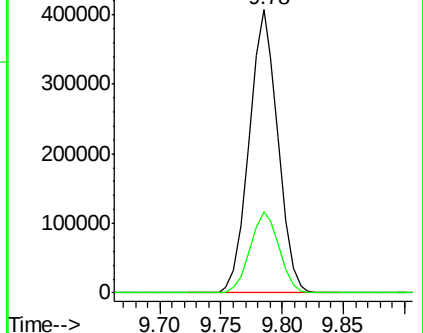
63 100

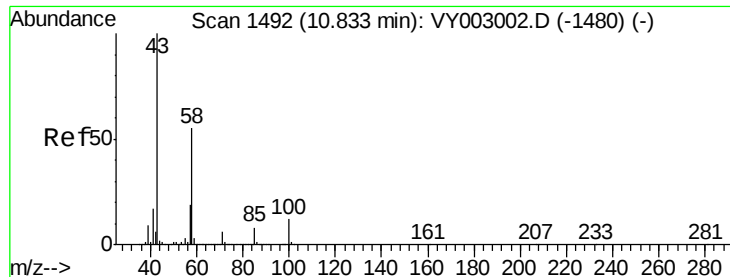
106 29.0 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

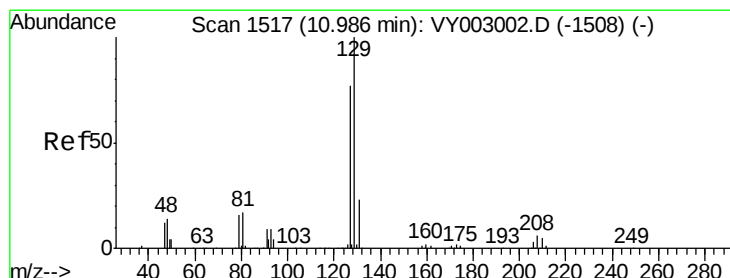
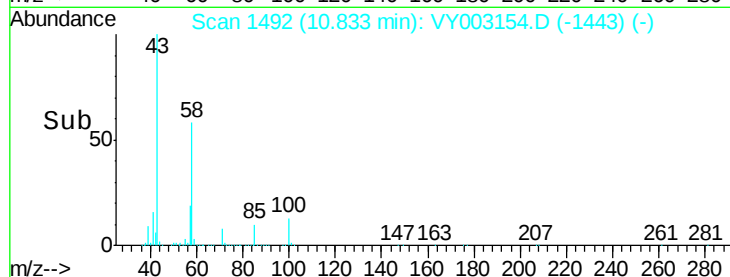
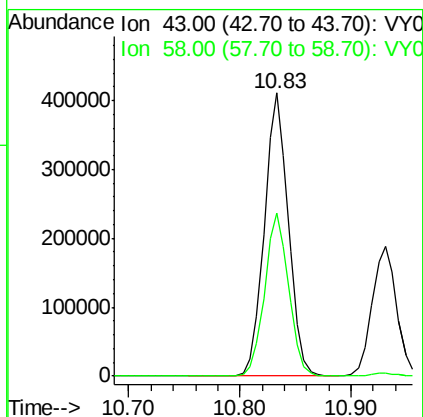
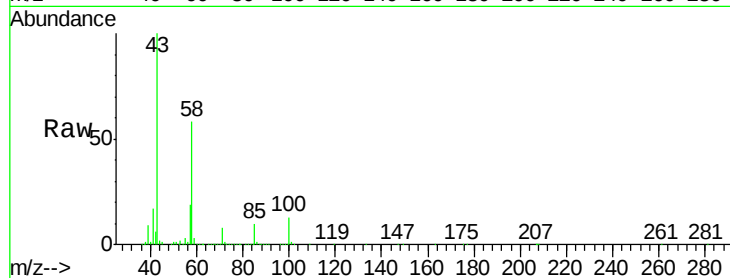




#59
2-Hexanone
Concen: 252.594 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

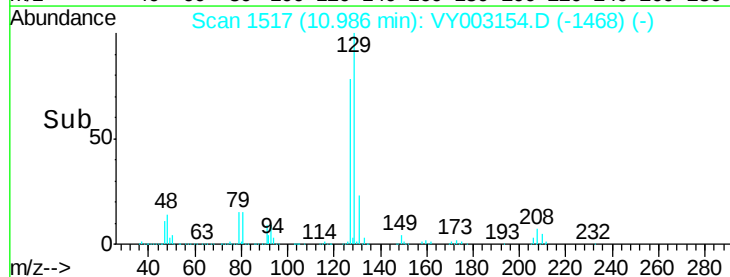
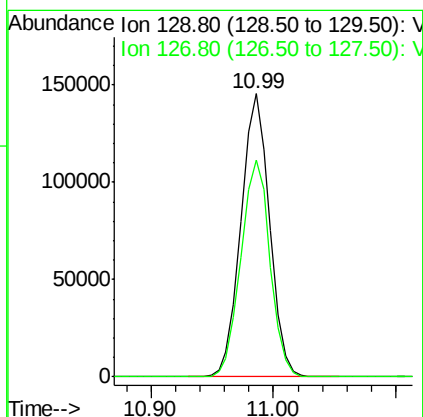
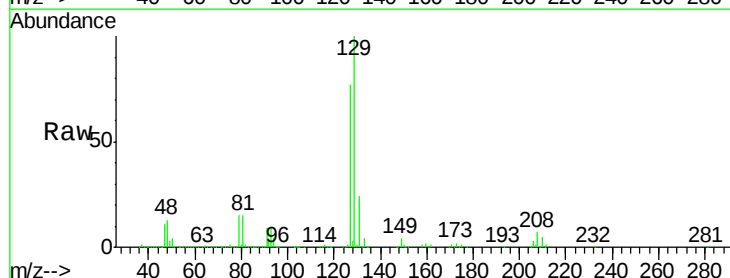
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

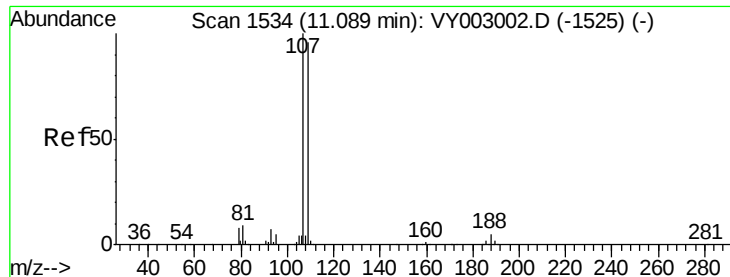
Tot Ion: 43 Resp: 617730
Ion Ratio Lower Upper
43 100
58 57.6 27.5 82.4



#60
Dibromochloromethane
Concen: 54.520 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Tgt Ion: 129 Resp: 236212
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3

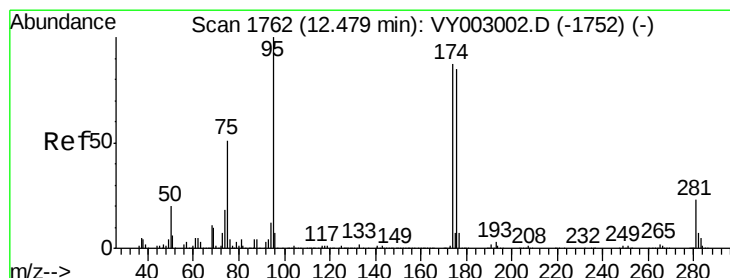
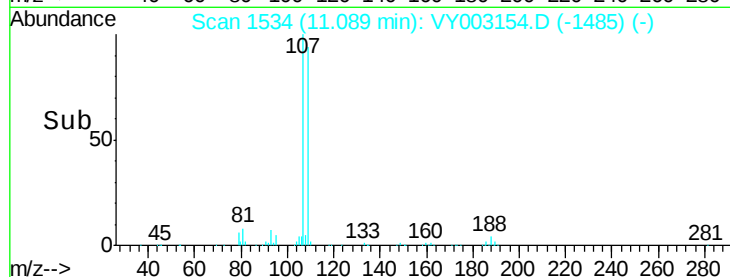
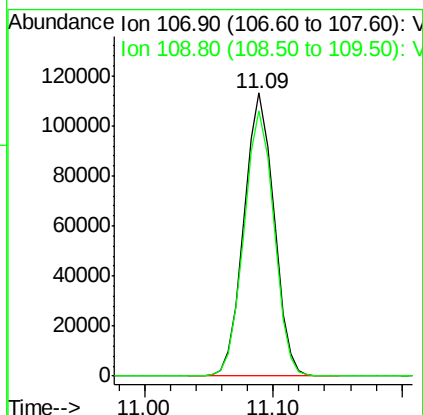
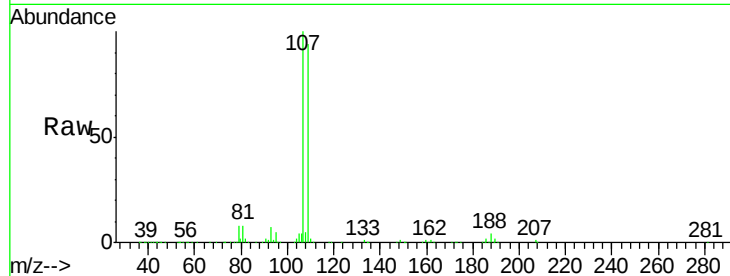




#61
 1,2-Dibromoethane
 Concen: 54.482 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

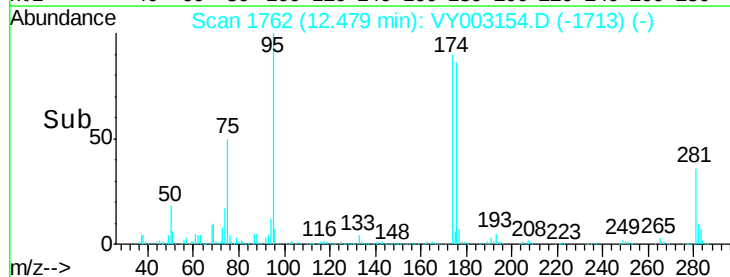
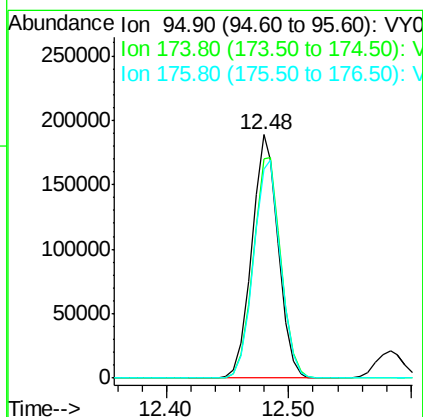
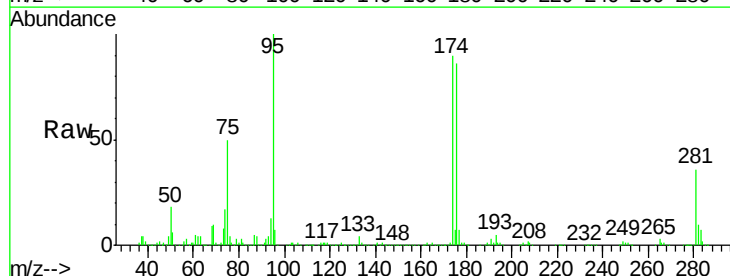
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

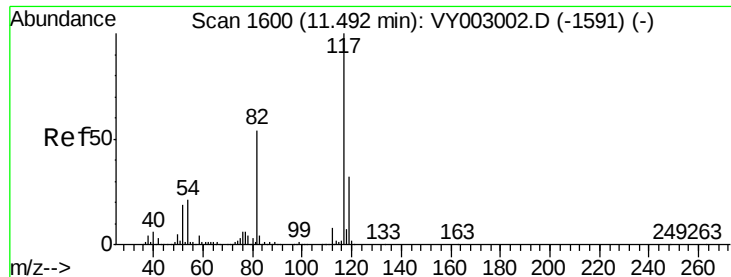
Tot Ion:107 Resp: 181842
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 56.406 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

Tgt Ion: 95 Resp: 283706
 Ion Ratio Lower Upper
 95 100
 174 94.4 0.0 184.8
 176 91.5 0.0 183.0

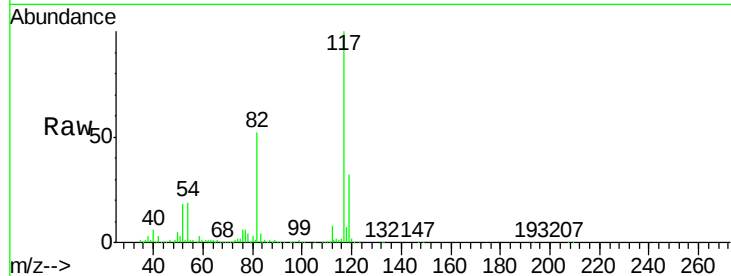




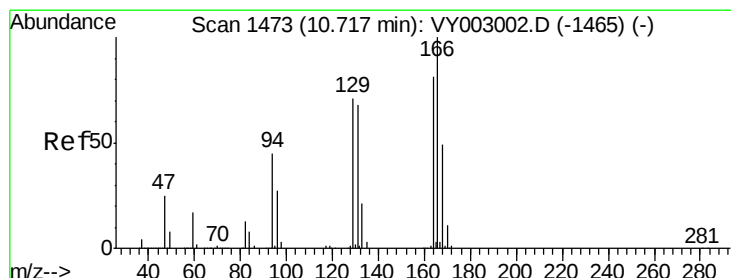
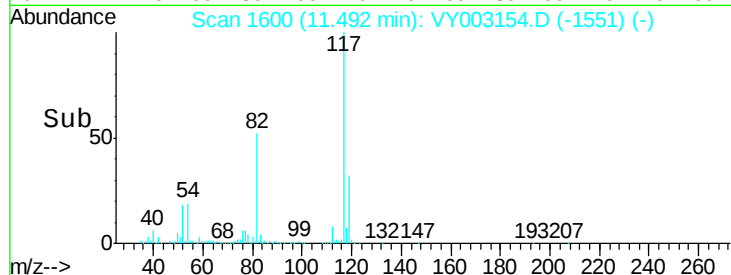
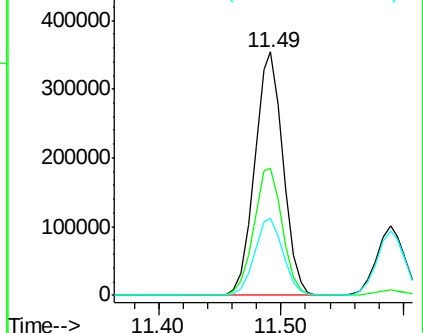
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 571085
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.6
119 31.9 25.8 38.8

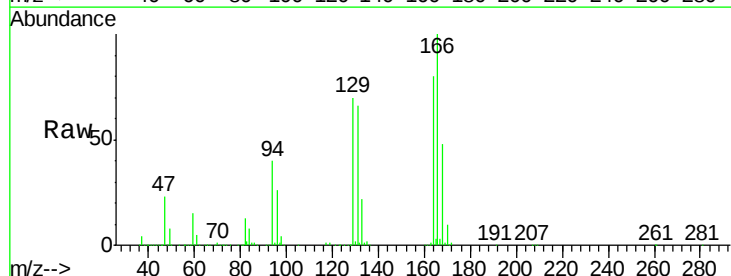


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

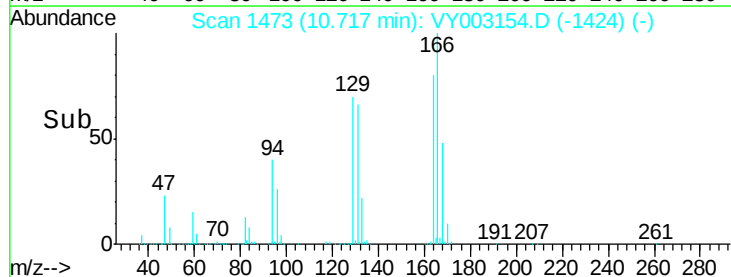
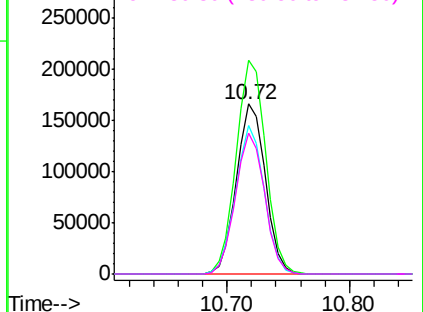


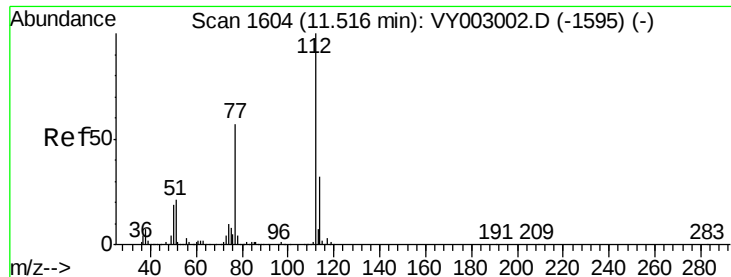
#64
Tetrachloroethene
Concen: 56.252 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Tgt Ion:164 Resp: 271888
Ion Ratio Lower Upper
164 100
166 125.6 98.5 147.7
129 87.4 69.7 104.5
131 82.5 67.2 100.8



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

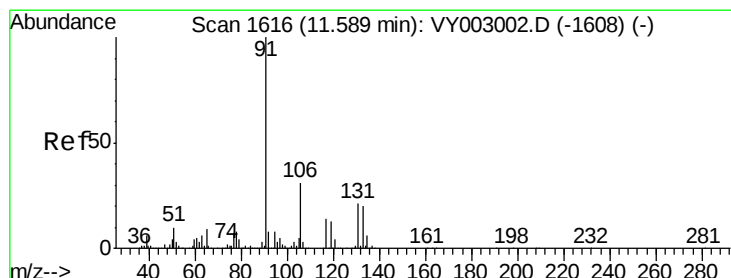
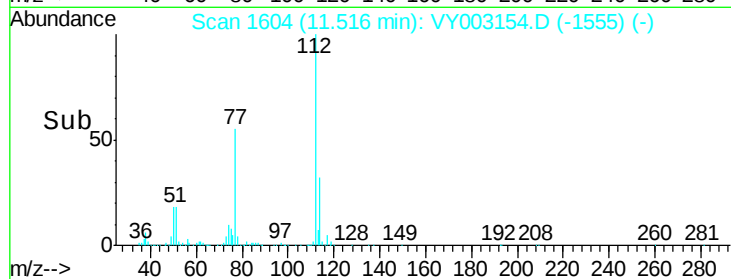
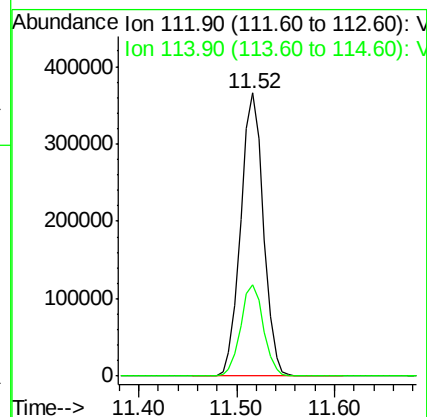
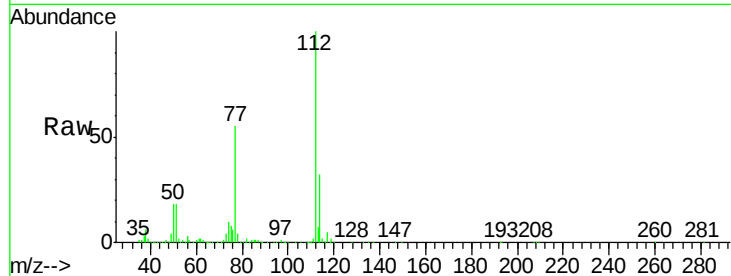




#65
Chlorobenzene
Concen: 52.221 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

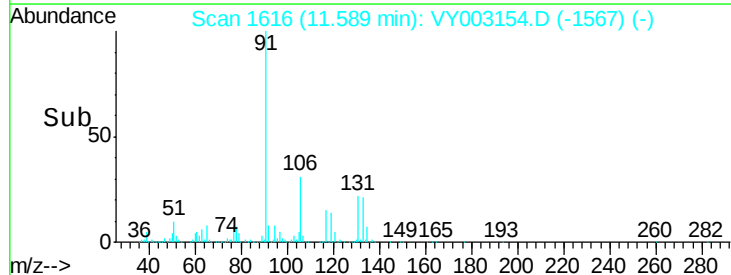
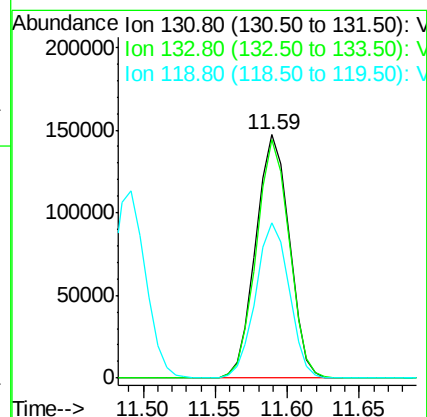
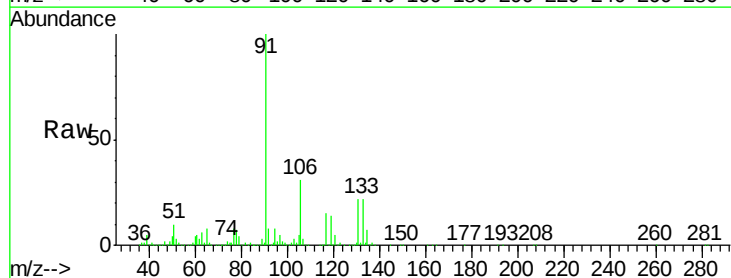
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

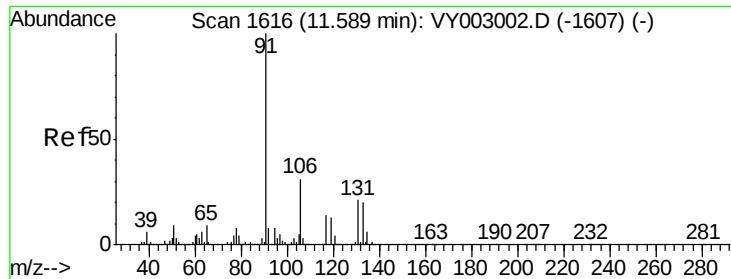
Tot Ion:112 Resp: 588045
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.856 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Tgt Ion:131 Resp: 236776
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.8
119 63.8 31.8 95.3

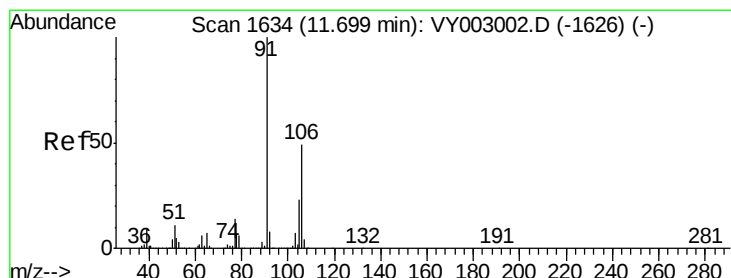
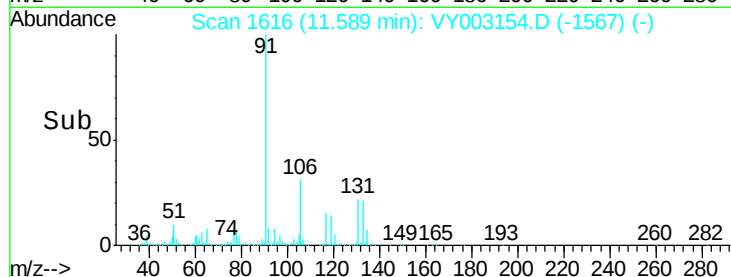
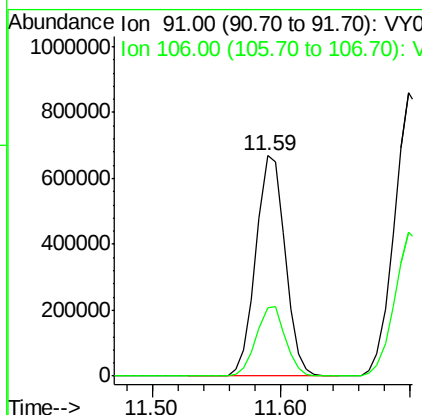
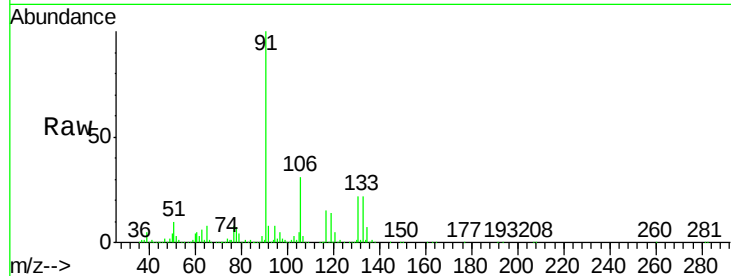




#67
Ethyl Benzene
Concen: 50.939 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

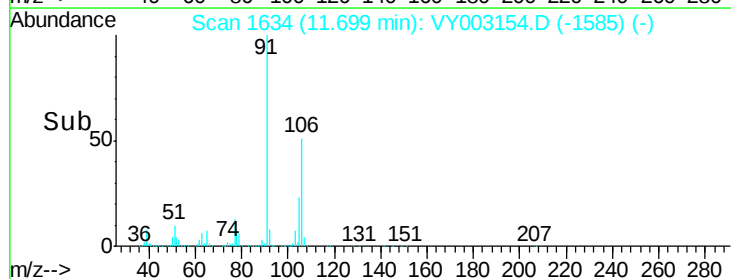
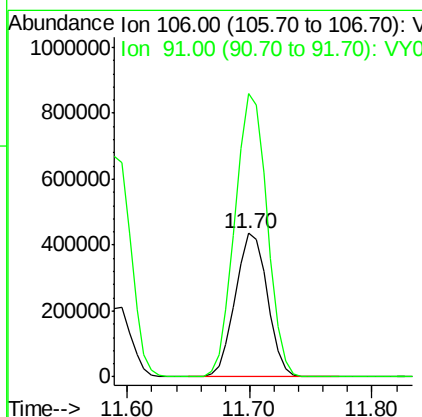
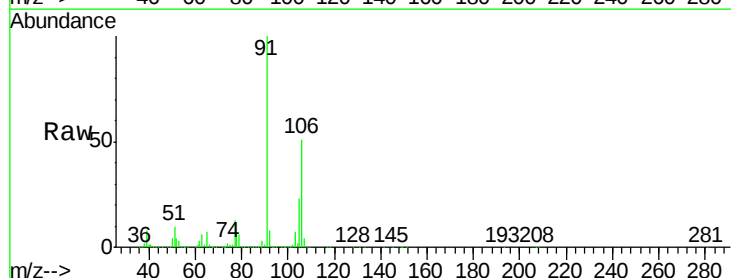
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

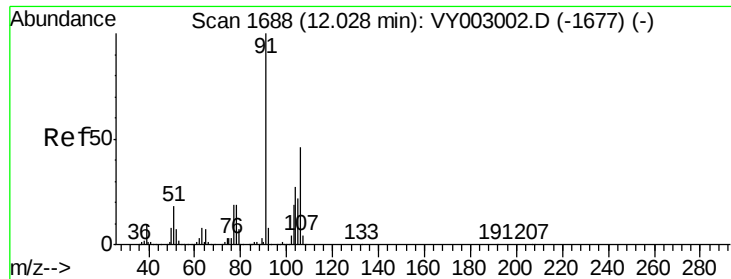
Tot Ion: 91 Resp: 1049386
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4



#68
m/p-Xylenes
Concen: 103.601 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Tgt Ion: 106 Resp: 794328
Ion Ratio Lower Upper
106 100
91 198.1 161.9 242.9

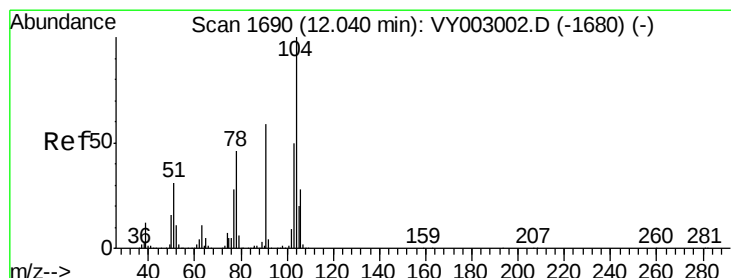
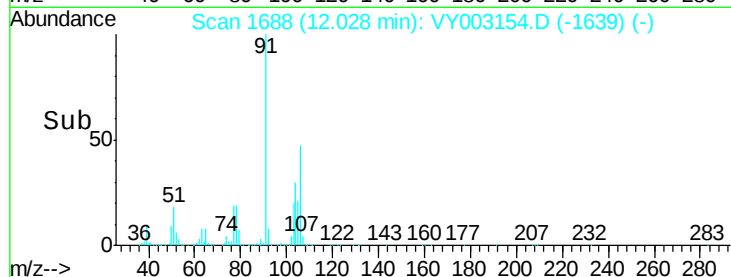
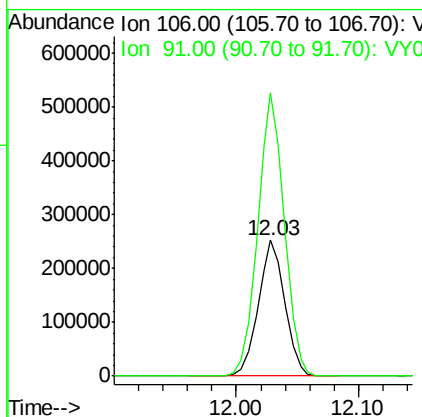
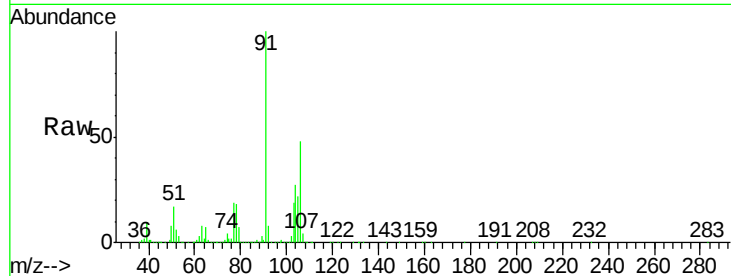




#69
o-Xylene
Concen: 52.560 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

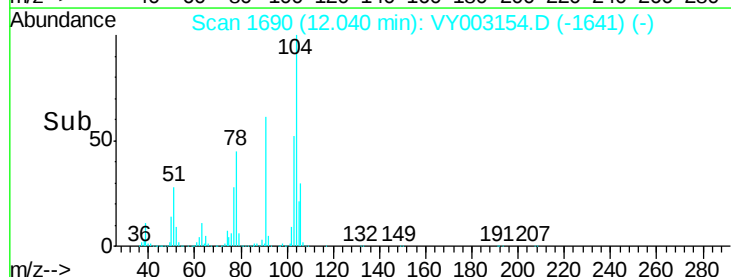
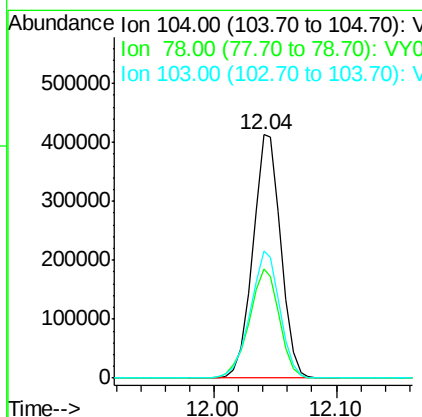
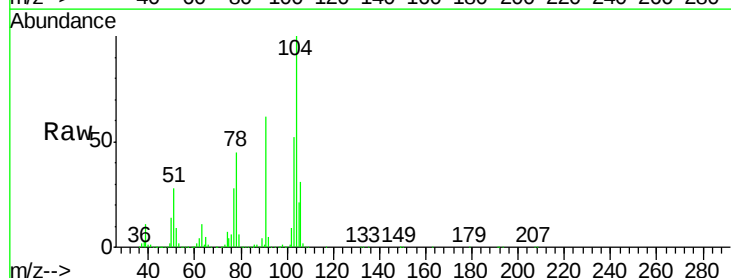
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

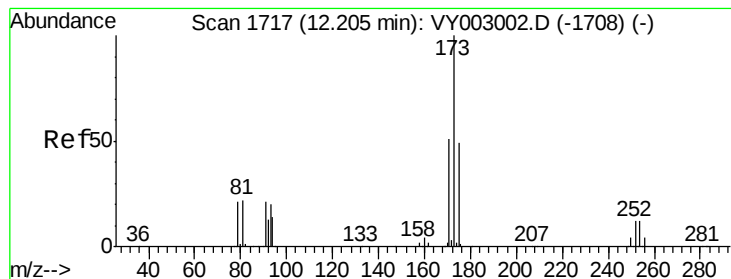
Tot Ion:106 Resp: 379743
Ion Ratio Lower Upper
106 100
91 208.5 107.9 323.8



#70
Styrene
Concen: 53.241 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Tgt Ion:104 Resp: 657161
Ion Ratio Lower Upper
104 100
78 48.5 40.4 60.6
103 55.4 44.1 66.1





#71

Bromoform

Concen: 54.845 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

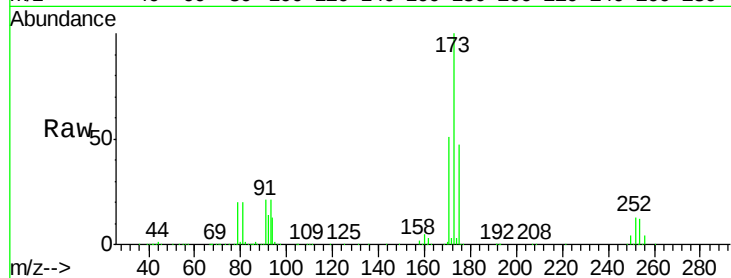
Tot Ion:173 Resp: 160780

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.6

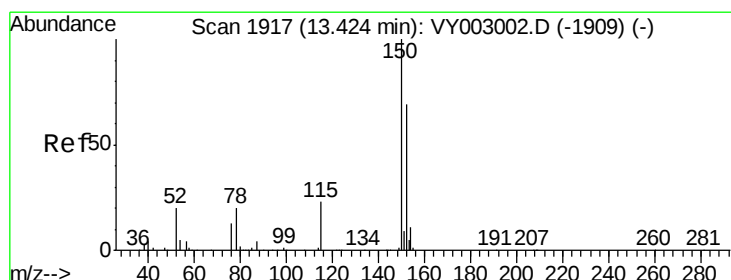
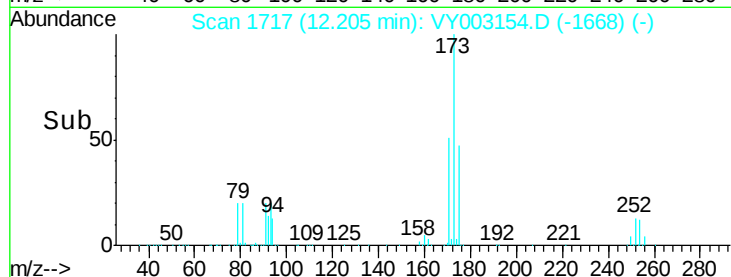
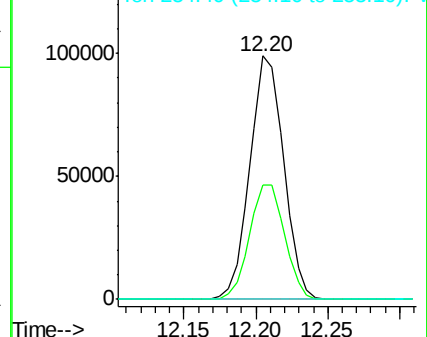
254 0.2 0.2 0.2



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: VY003154.D

Acq: 09 Jul 2020 19:24

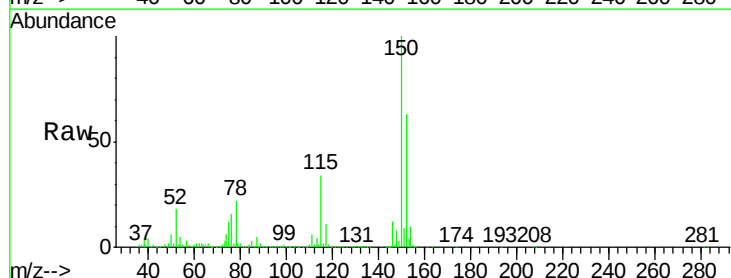
Tgt Ion:152 Resp: 303936

Ion Ratio Lower Upper

152 100

115 53.6 27.3 81.9

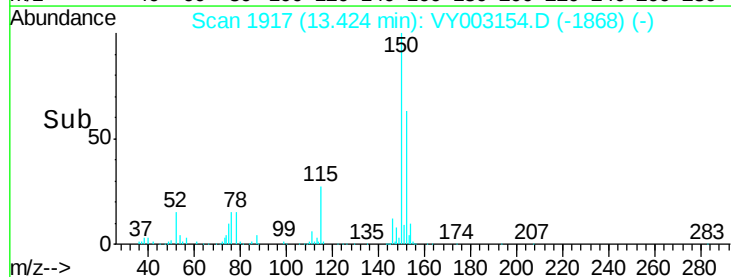
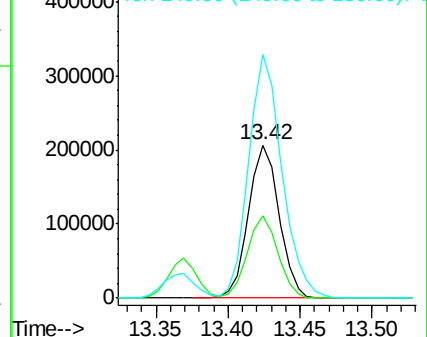
150 173.3 0.0 343.4

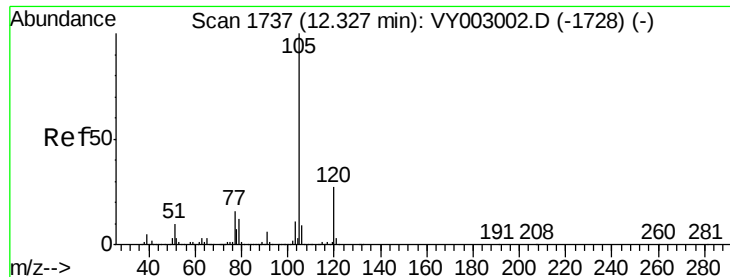


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.550 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

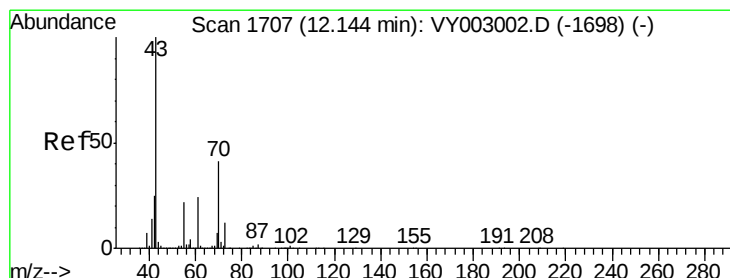
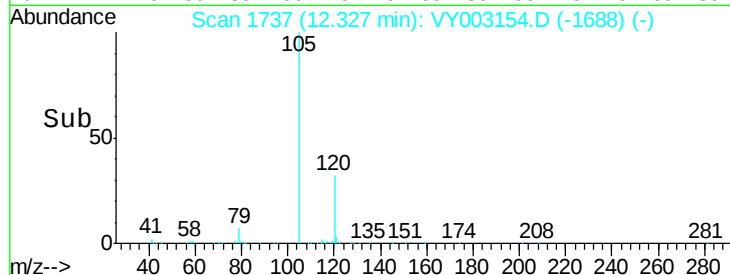
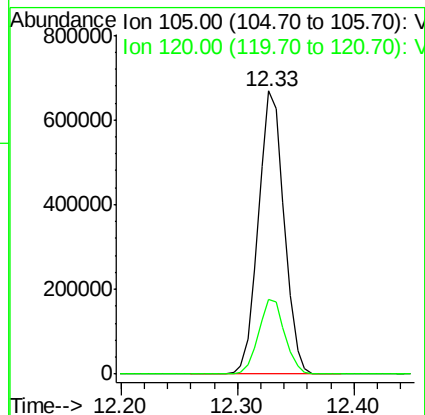
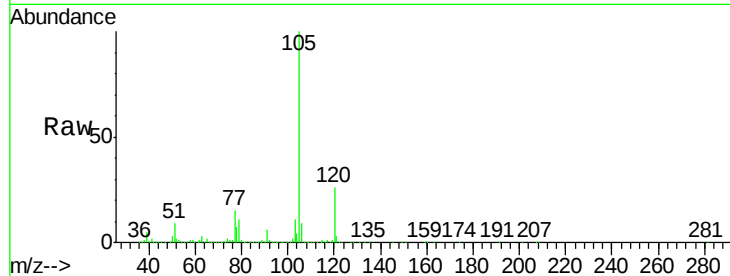
VSTDCCC050EC

Tot Ion:105 Resp: 1025405

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 48.785 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Tgt Ion: 43 Resp: 315909

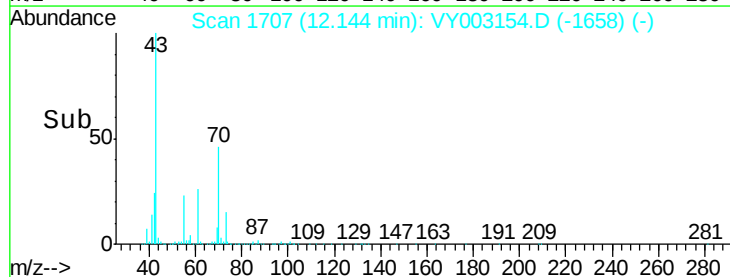
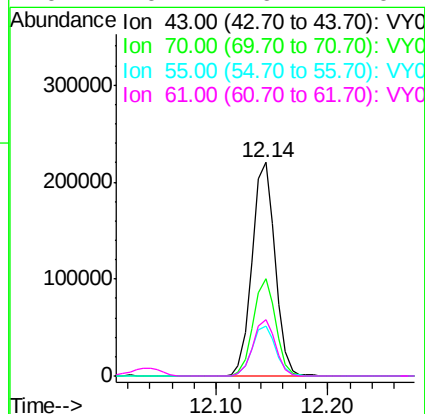
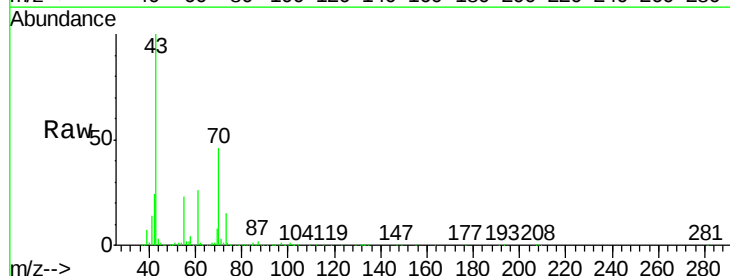
Ion Ratio Lower Upper

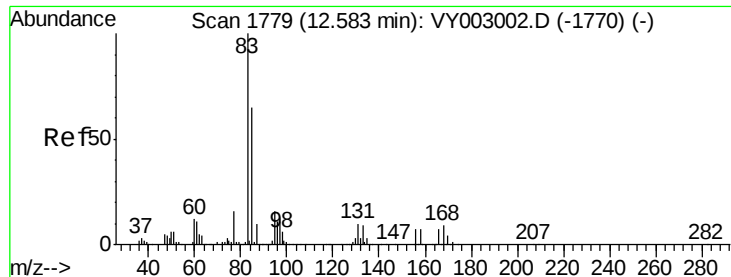
43 100

70 45.0 33.0 49.4

55 24.2 18.2 27.2

61 26.1 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.673 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

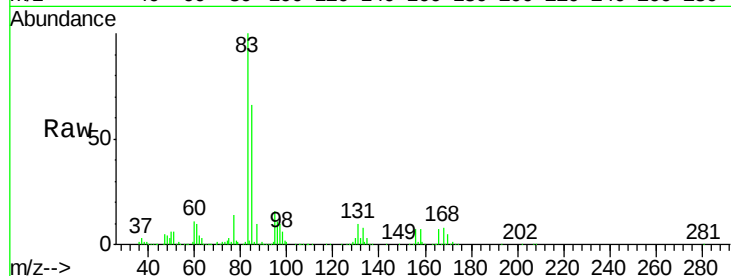
Tot Ion: 83 Resp: 211436

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

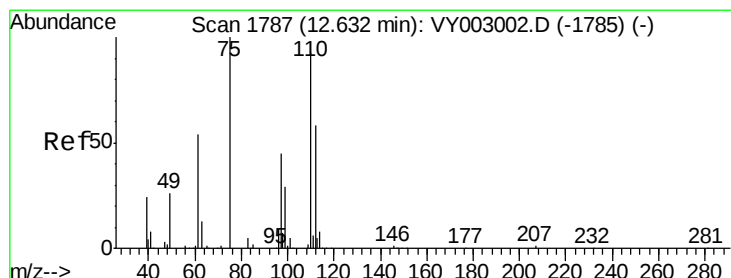
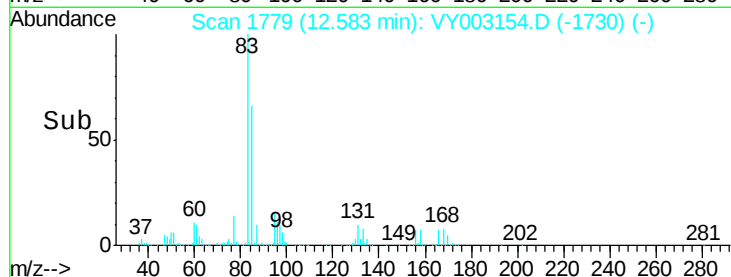
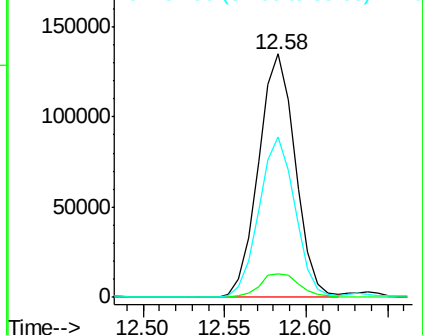
85 64.9 32.1 96.3



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: 95.686 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003154.D

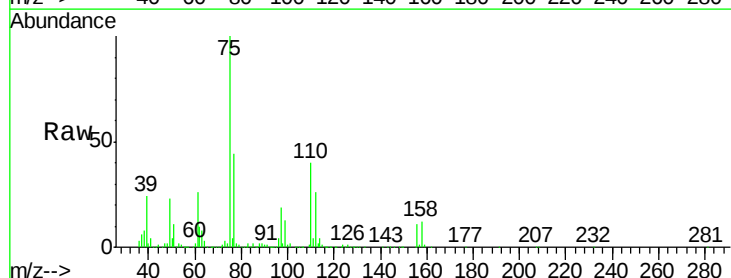
Acq: 09 Jul 2020 19:24

Tgt Ion: 75 Resp: 287827

Ion Ratio Lower Upper

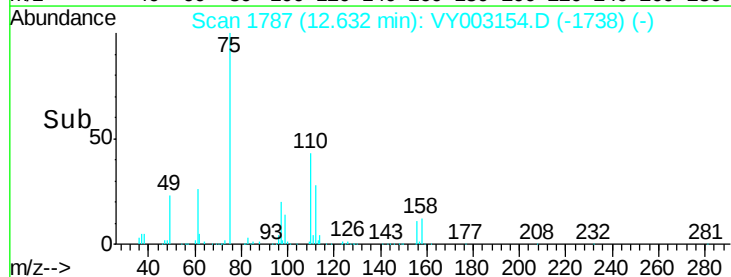
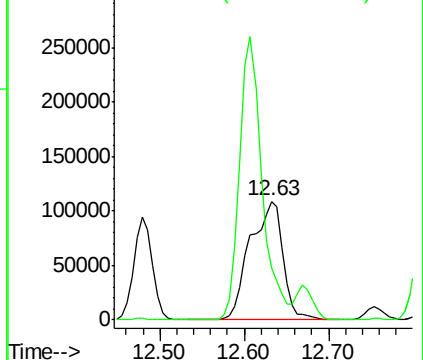
75 100

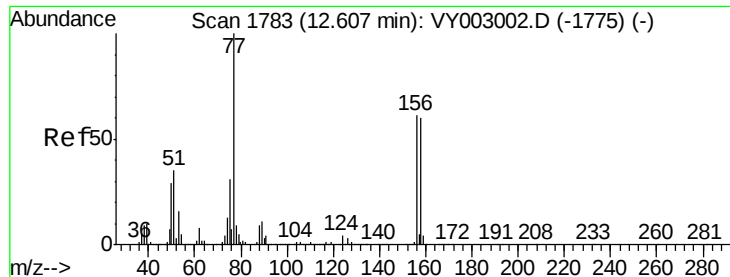
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 53.158 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

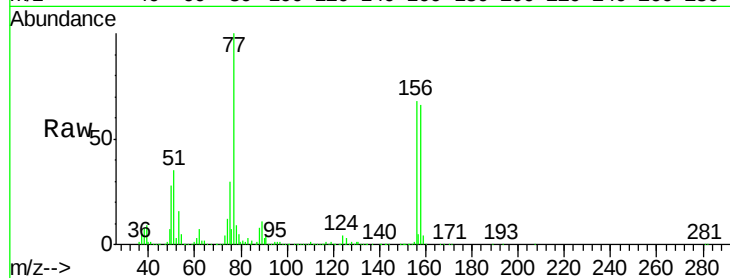
Tot Ion:156 Resp: 271110

Ion Ratio Lower Upper

156 100

77 170.7 90.0 270.0

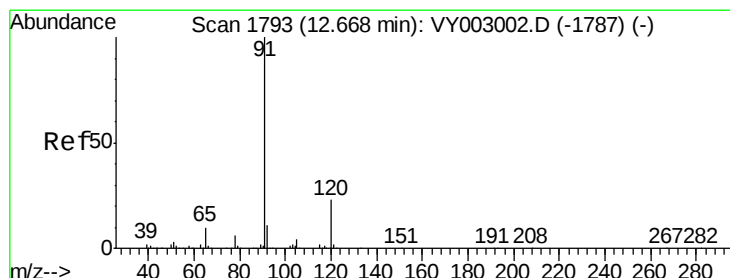
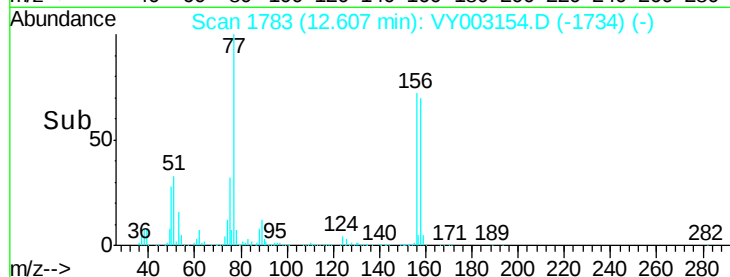
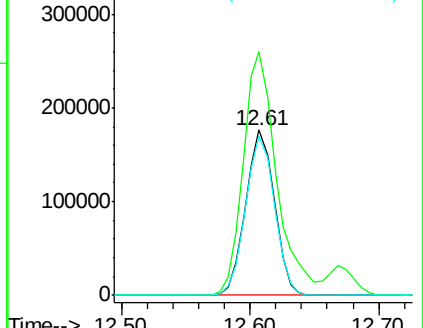
158 97.3 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.217 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003154.D

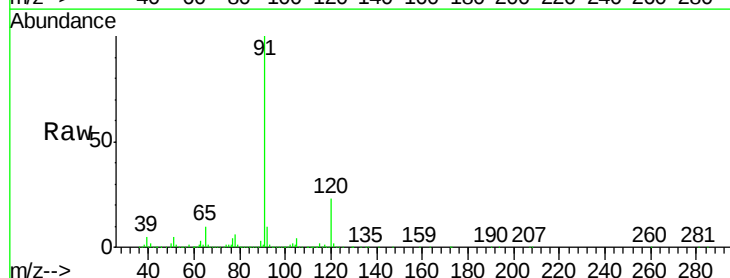
Acq: 09 Jul 2020 19:24

Tgt Ion: 91 Resp: 1201293

Ion Ratio Lower Upper

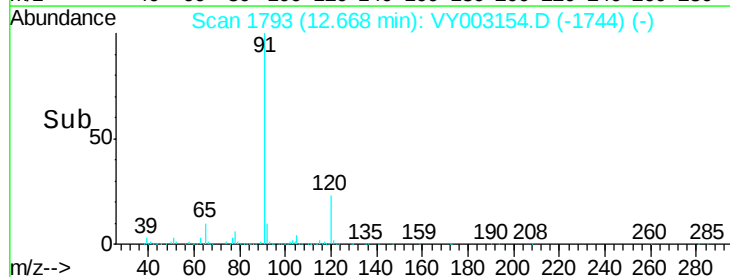
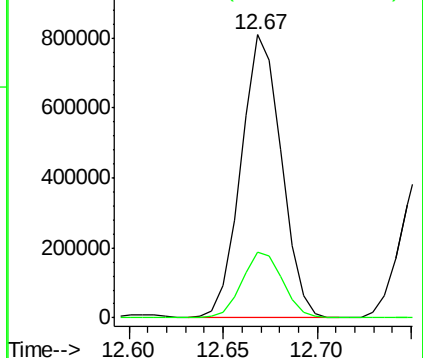
91 100

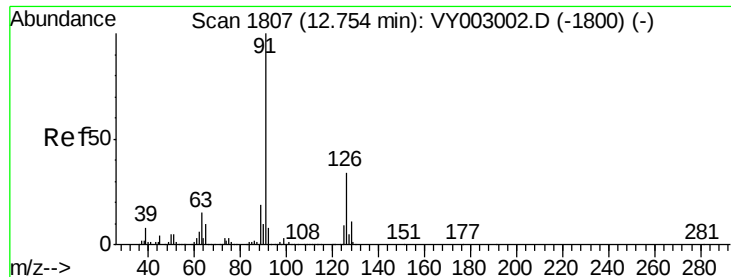
120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

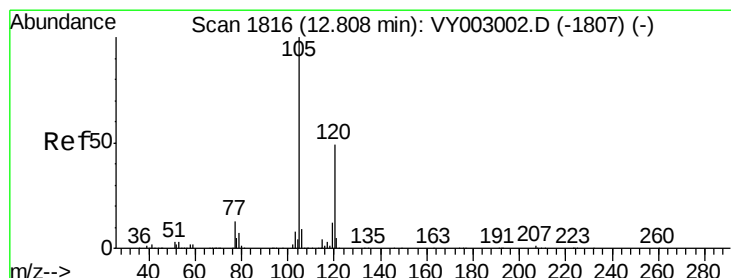
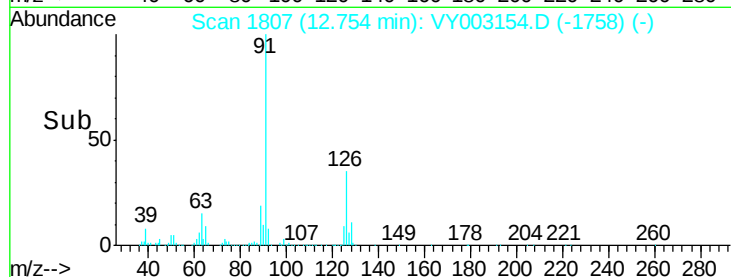
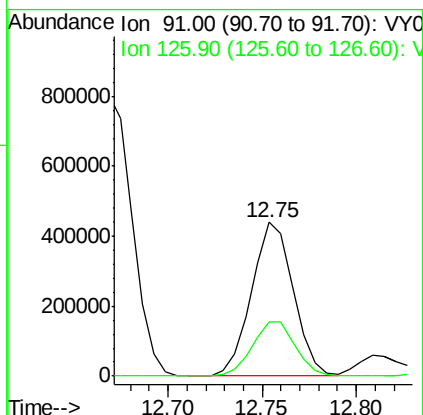
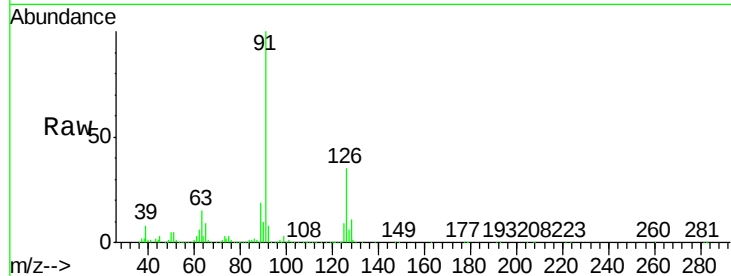




#79
 2-Chlorotoluene
 Concen: 50.724 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

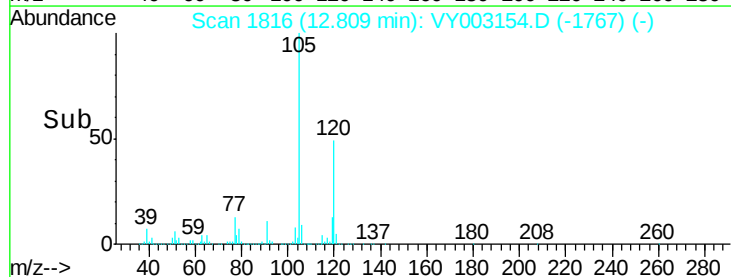
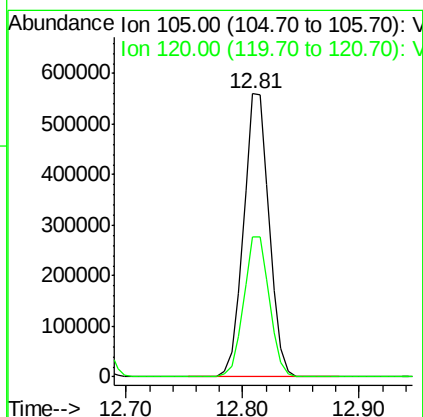
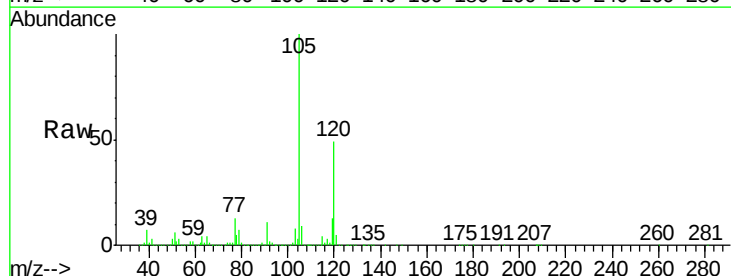
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

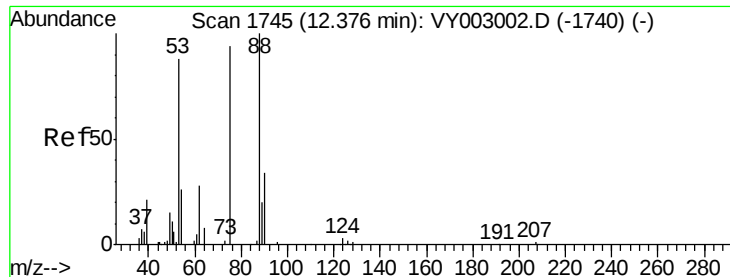
Tot Ion: 91 Resp: 677308
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.115 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

Tgt Ion: 105 Resp: 853203
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.827 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

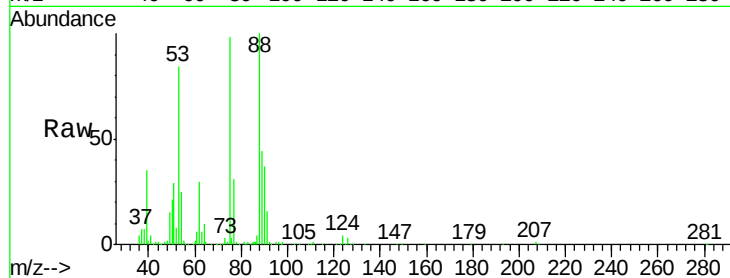
Tot Ion: 75 Resp: 77036

Ion Ratio Lower Upper

75 100

53 87.0 73.9 110.9

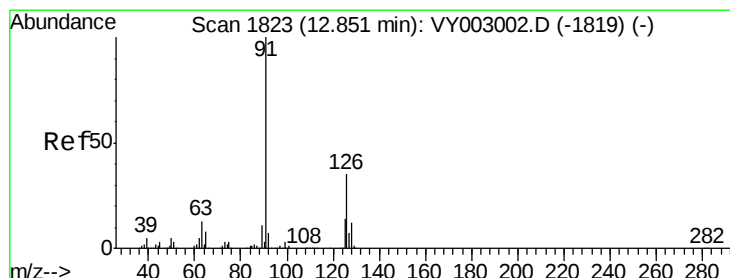
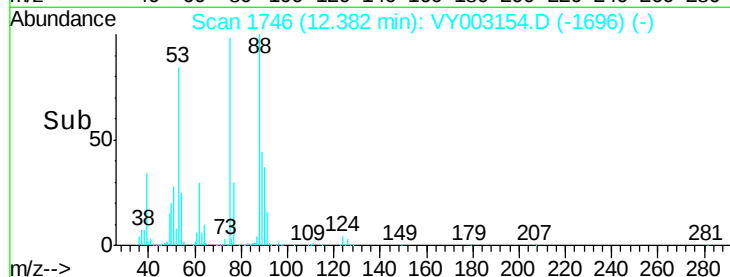
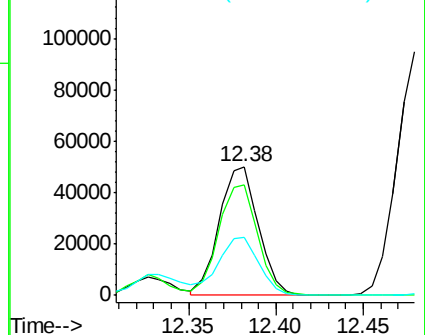
89 47.5 37.5 56.3



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: 51.533 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003154.D

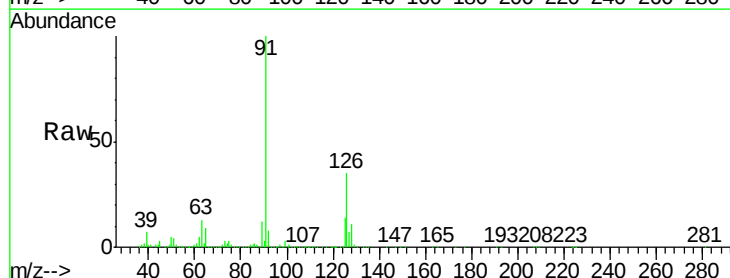
Acq: 09 Jul 2020 19:24

Tgt Ion: 91 Resp: 716430

Ion Ratio Lower Upper

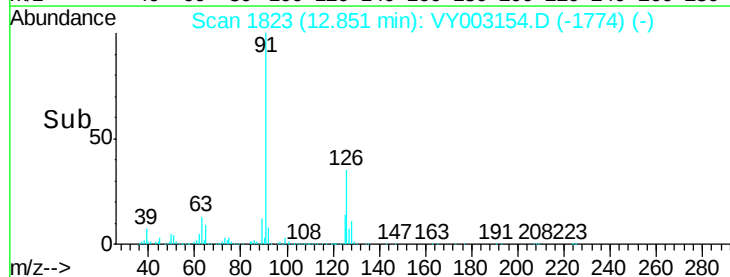
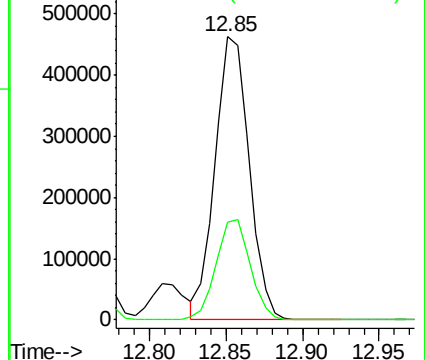
91 100

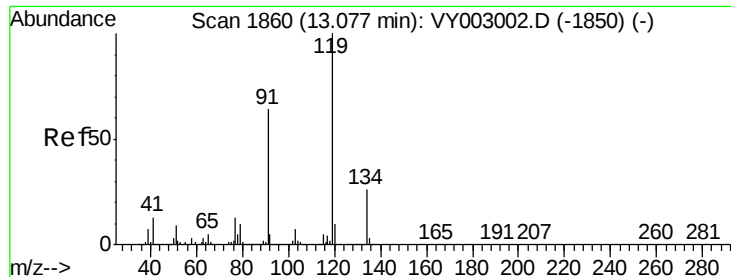
126 35.5 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): VY0

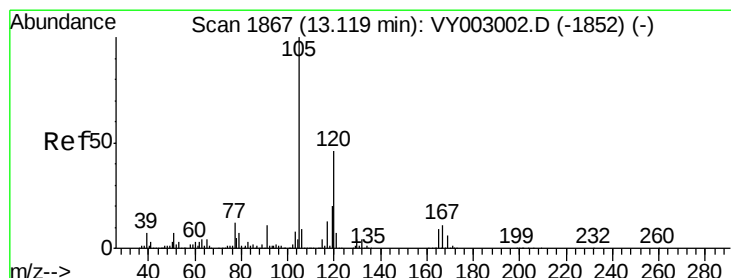
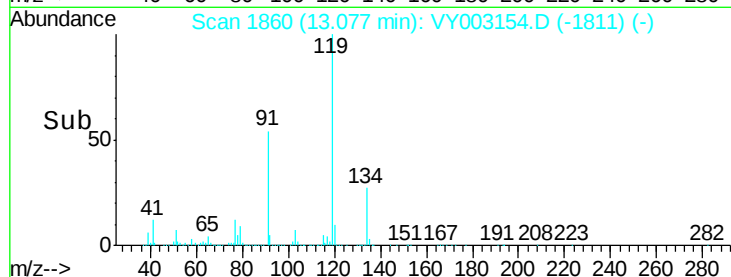
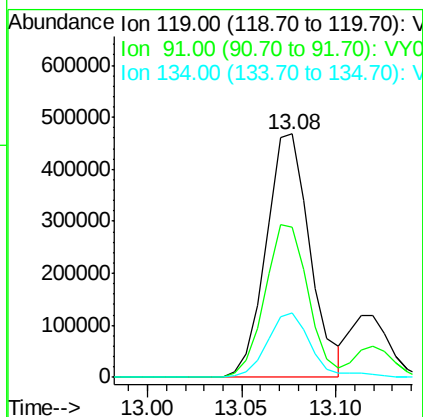
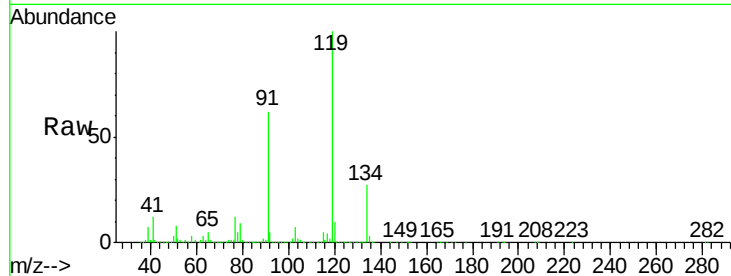




#83
tert-Butylbenzene
Concen: 51.690 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

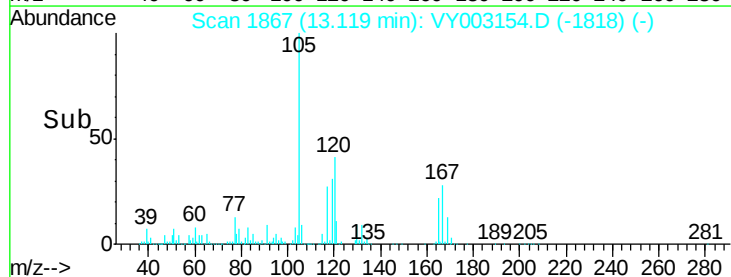
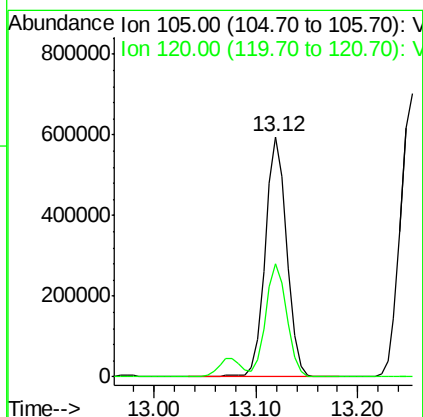
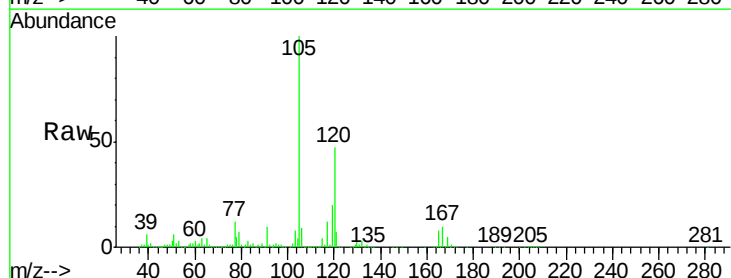
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

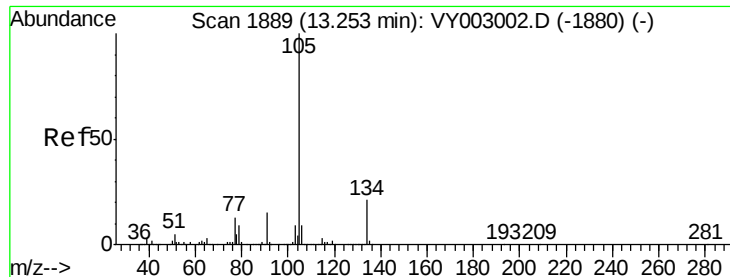
Tot Ion:119 Resp: 757591
Ion Ratio Lower Upper
119 100
91 61.5 31.6 95.0
134 26.6 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 51.656 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Tgt Ion:105 Resp: 868833
Ion Ratio Lower Upper
105 100
120 46.2 22.6 67.8





#85

sec-Butylbenzene

Concen: 51.238 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

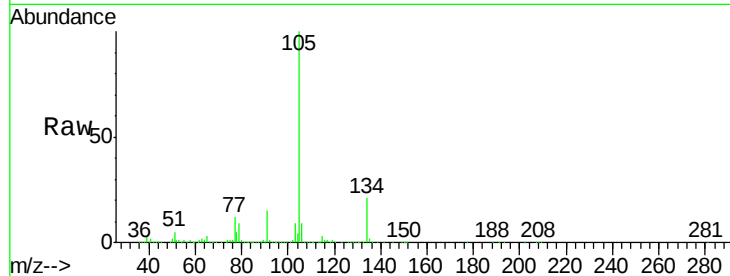
VSTDCCC050EC

Tot Ion:105 Resp: 1035102

Ion Ratio Lower Upper

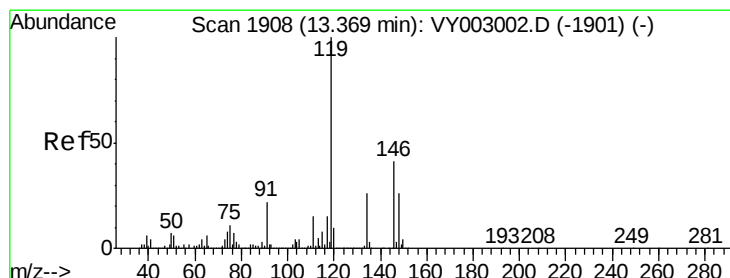
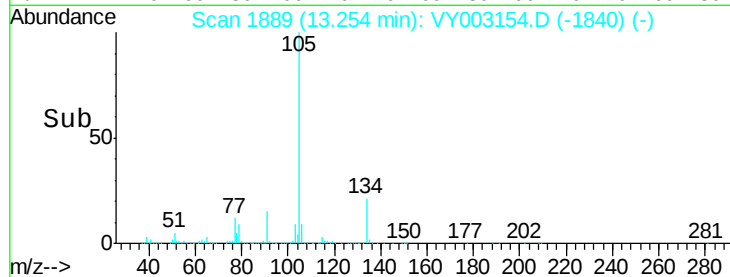
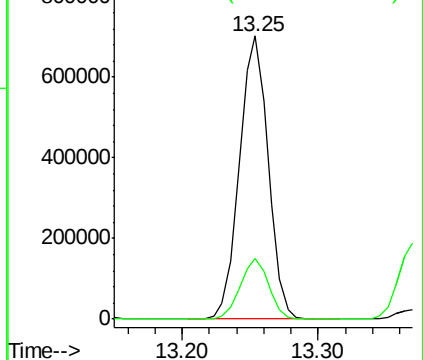
105 100

134 21.0 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.471 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

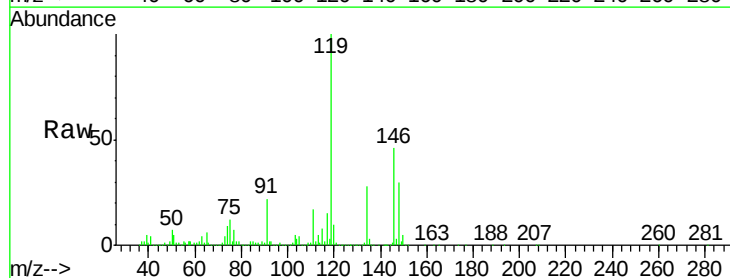
Tgt Ion:119 Resp: 963504

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

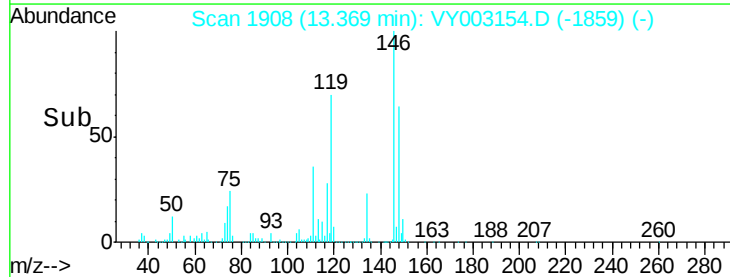
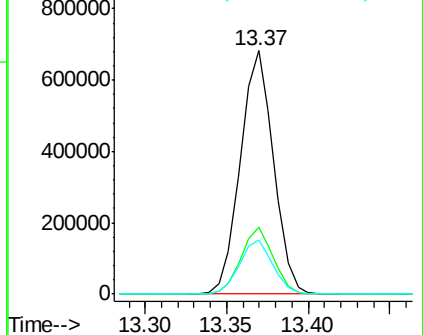
91 22.2 11.5 34.5

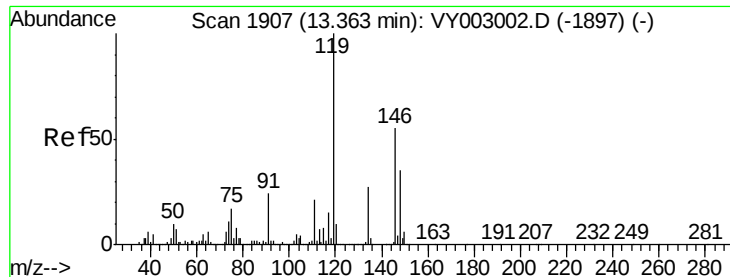


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

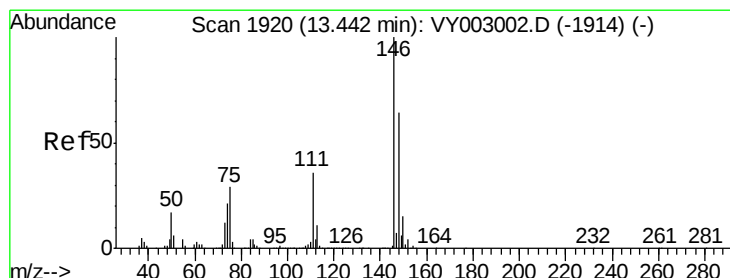
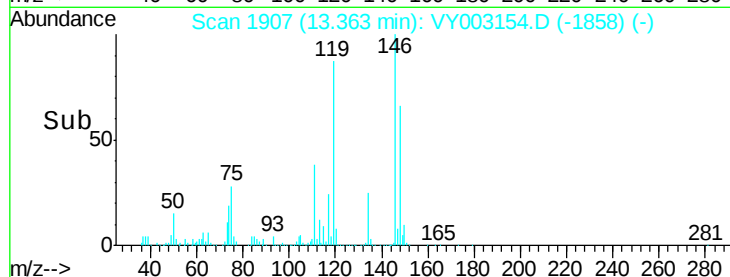
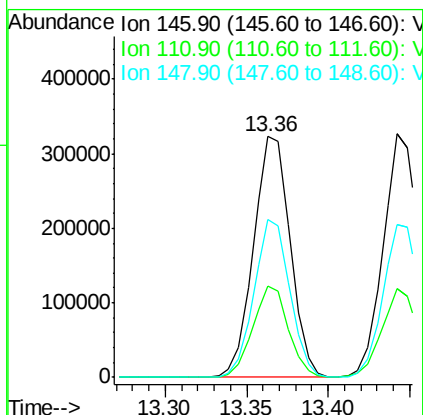
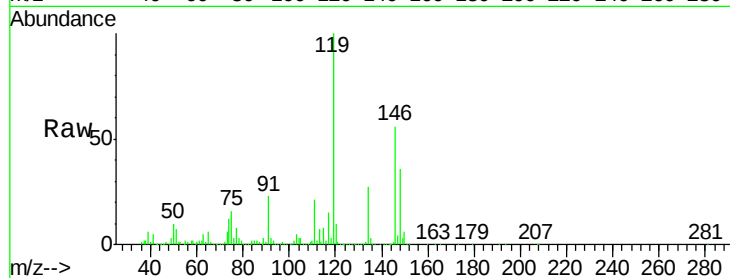




#87
 1,3-Dichlorobenzene
 Concen: 52.907 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

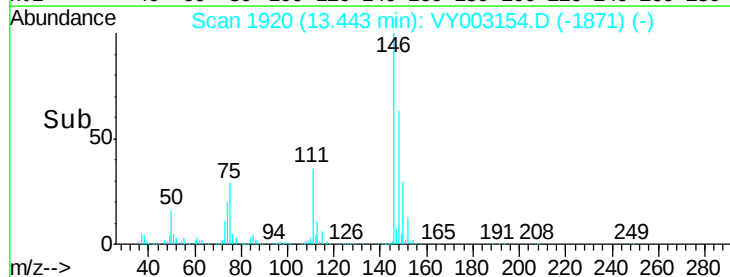
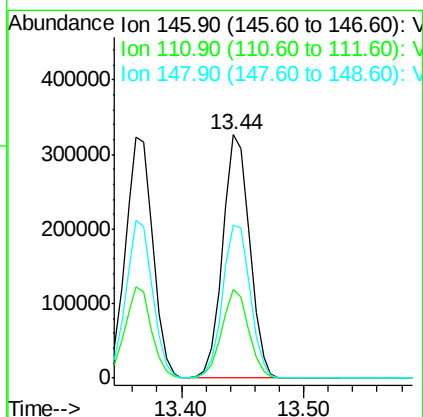
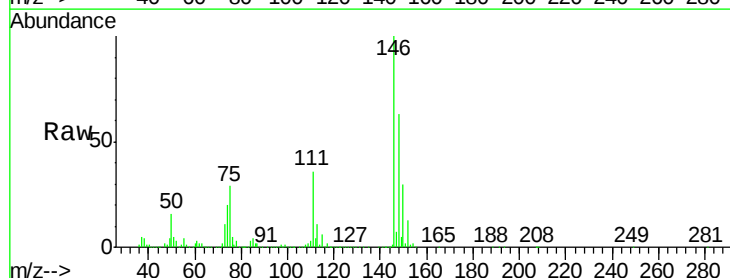
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

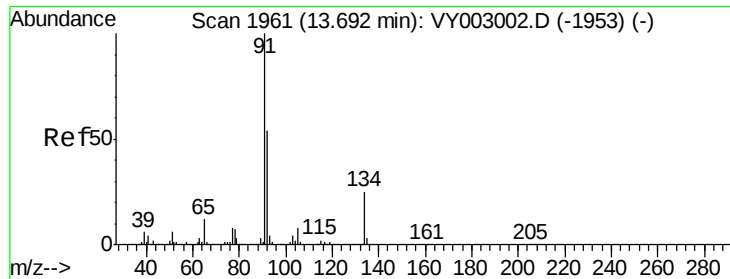
Tot Ion:146 Resp: 503768
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.8 56.3
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 52.951 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

Tgt Ion:146 Resp: 497163
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.4 55.4
 148 64.4 32.3 96.9

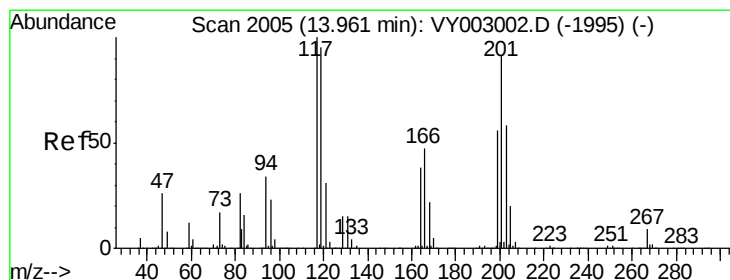
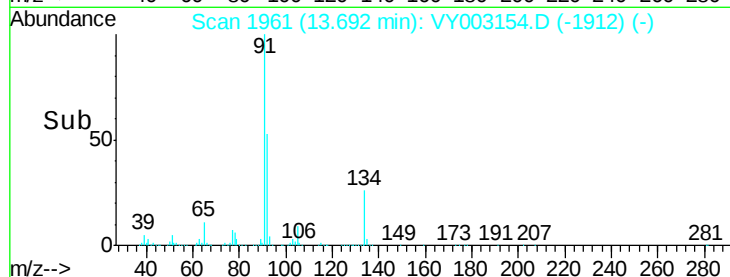
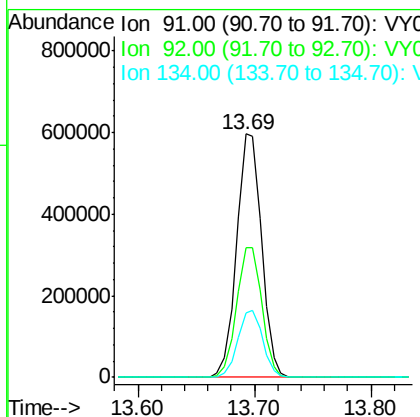
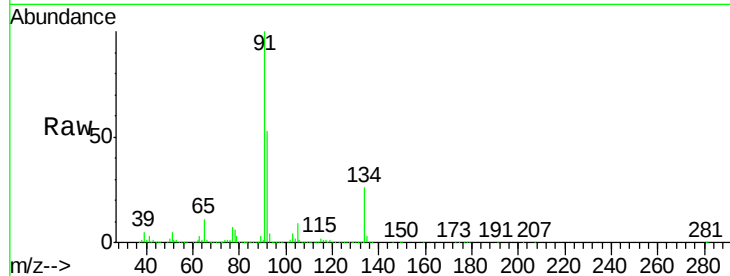




#89
n-Butylbenzene
Concen: 49.653 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

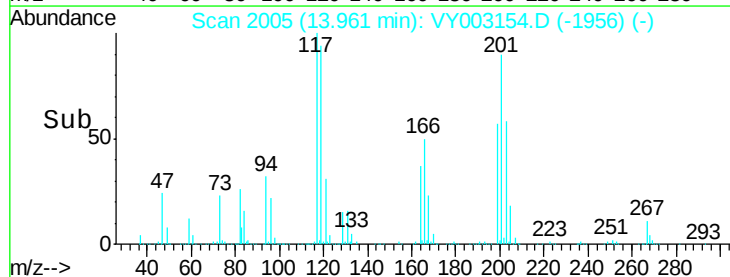
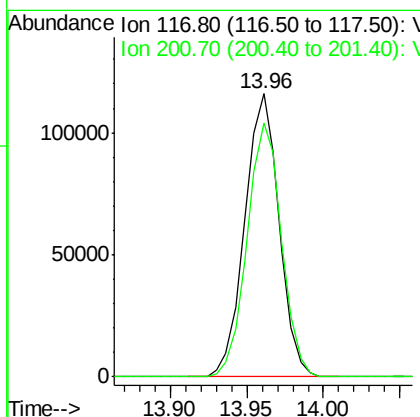
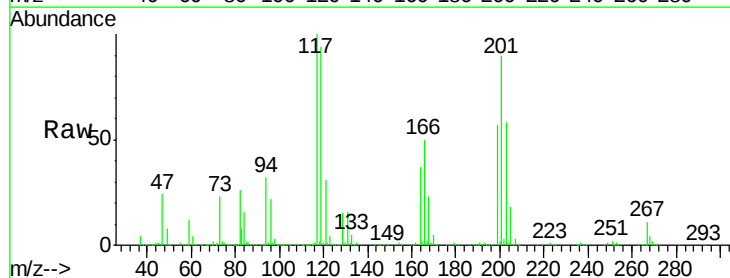
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

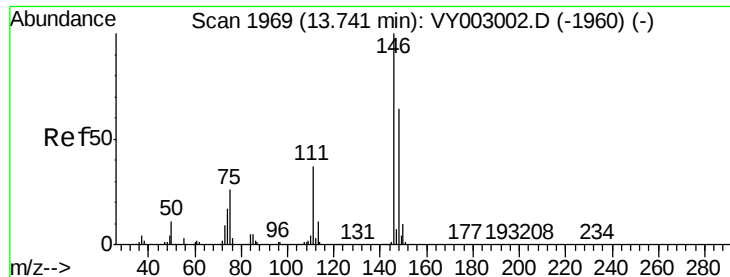
Tot Ion: 91 Resp: 889304
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.3
134 27.5 13.1 39.1



#90
Hexachloroethane
Concen: 48.643 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Tgt Ion: 117 Resp: 180812
Ion Ratio Lower Upper
117 100
201 89.8 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 52.827 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

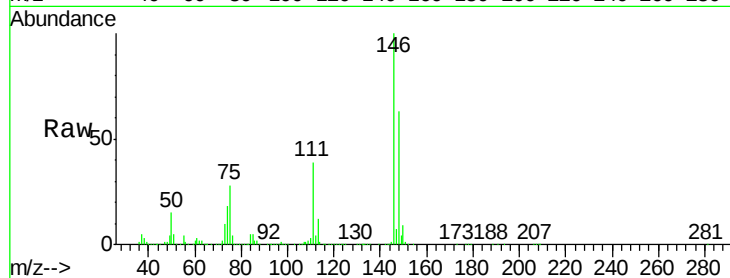
Tot Ion:146 Resp: 451302

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.5

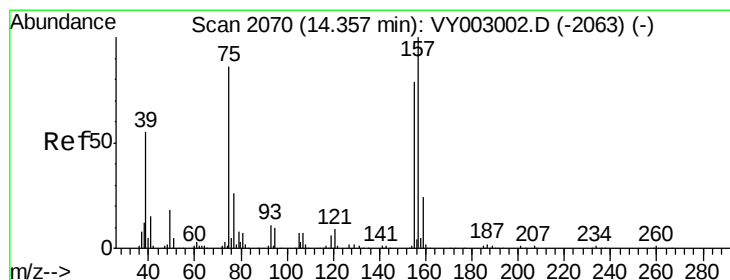
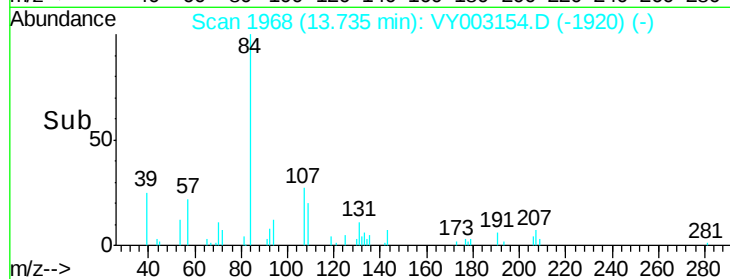
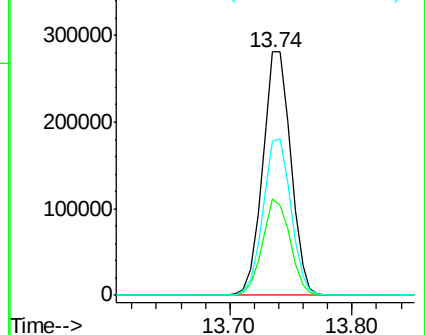
148 64.1 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.573 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003154.D

Acq: 09 Jul 2020 19:24

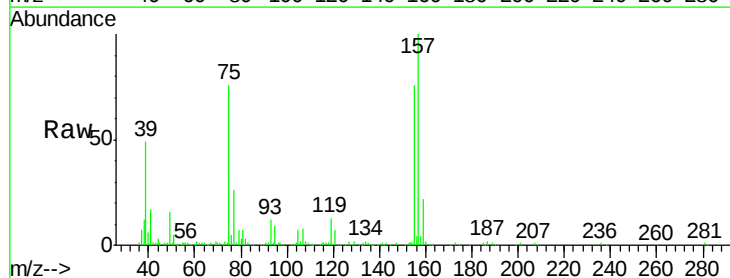
Tgt Ion: 75 Resp: 34516

Ion Ratio Lower Upper

75 100

155 98.9 46.5 139.3

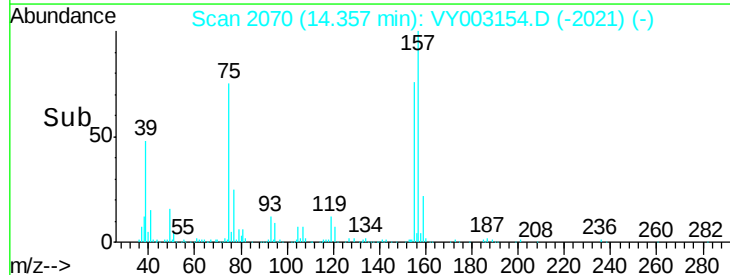
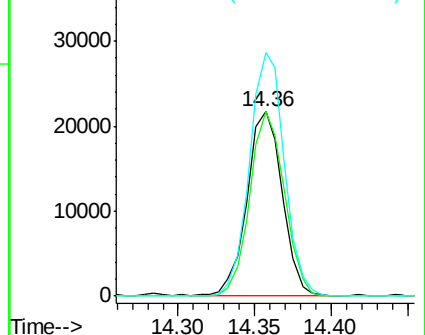
157 131.6 59.2 177.5

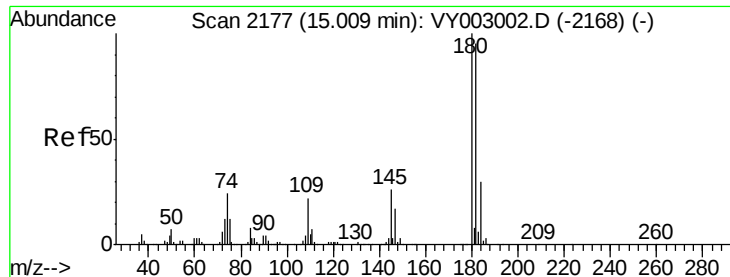


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

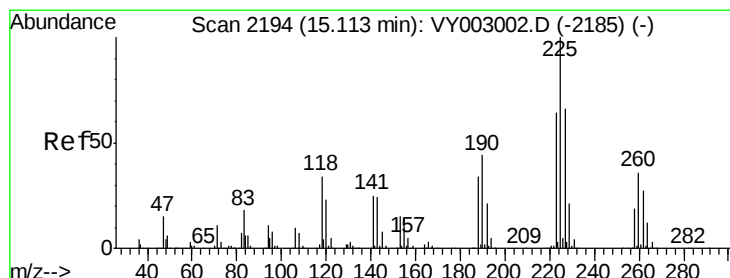
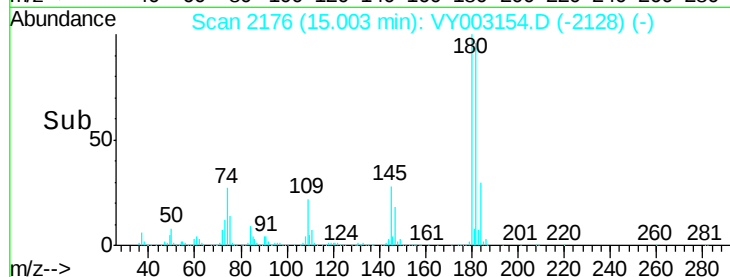
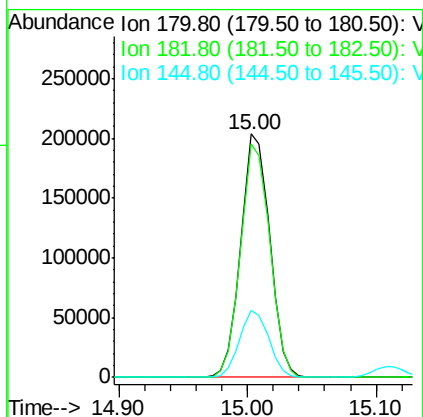
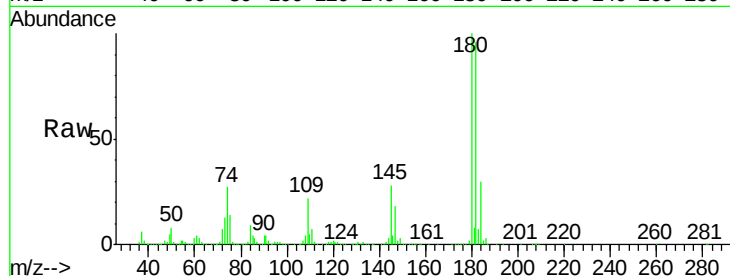




#93
 1,2,4-Trichlorobenzene
 Concen: 50.019 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

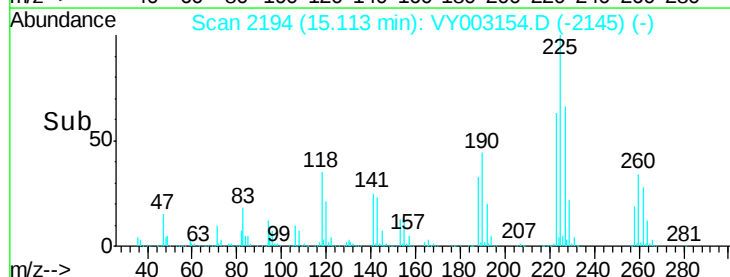
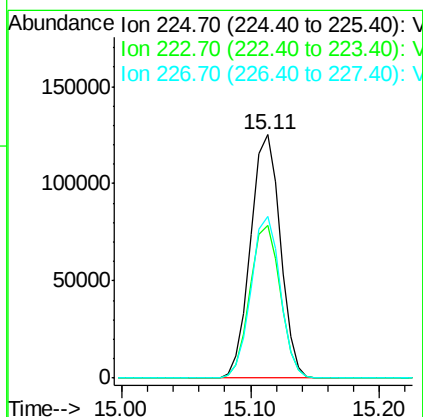
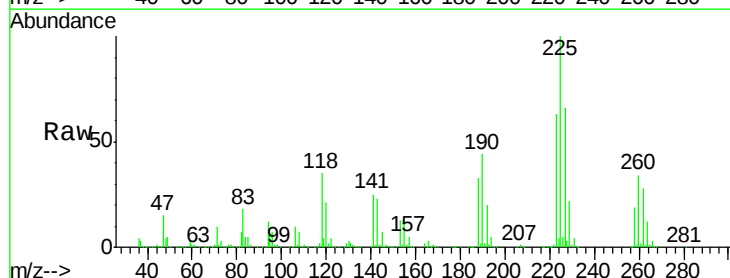
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

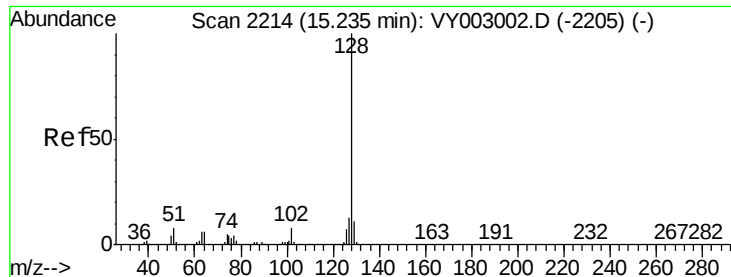
Tot Ion:180 Resp: 317525
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.1 144.3
 145 28.2 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 49.803 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003154.D
 Acq: 09 Jul 2020 19:24

Tgt Ion:225 Resp: 199416
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.4 97.0
 227 65.1 32.4 97.2

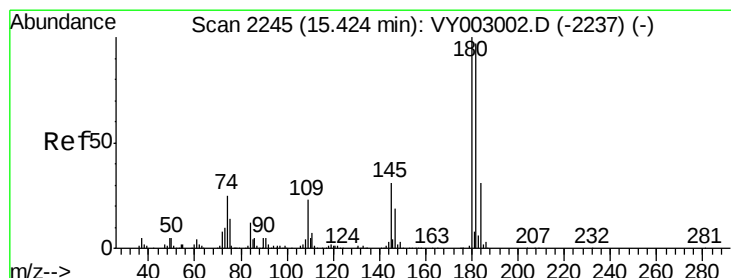
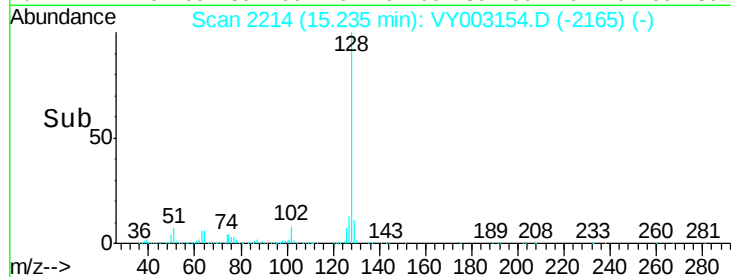
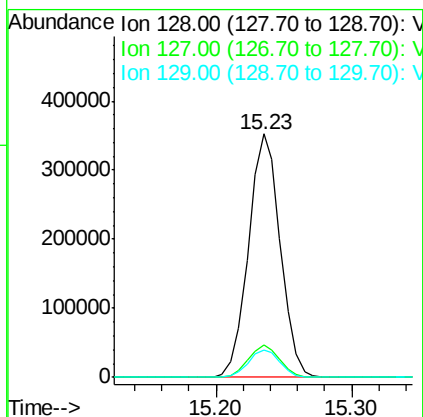
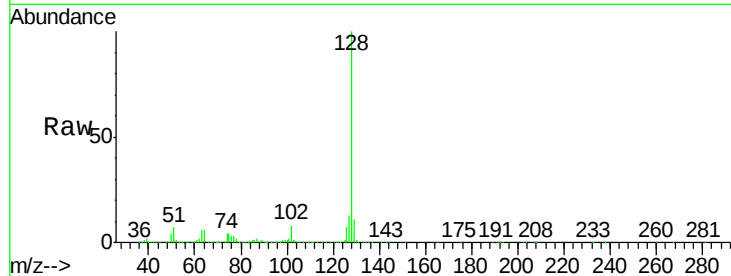




#95
Naphthalene
Concen: 49.550 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 574515
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.388 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003154.D
Acq: 09 Jul 2020 19:24

Tgt Ion:180 Resp: 261216
Ion Ratio Lower Upper
180 100
182 94.7 47.8 143.3
145 28.8 14.7 44.1

