

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY090420\
 Data File : VY003437.D
 Acq On : 04 Sep 2020 18:19
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY090420

Quant Time: Sep 08 09:09:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y090420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 08 09:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	613265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	1020881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	920285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	443178	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	340248	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
35) Dibromofluoromethane	7.72	113	314804	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
50) Toluene-d8	10.18	98	1266576	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.48	95	438616	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	207212	47.397	ug/l	98
3) Chloromethane	2.11	50	290948	49.437	ug/l	98
4) Vinyl Chloride	2.25	62	279960	47.764	ug/l	99
5) Bromomethane	2.65	94	187521	50.932	ug/l	99
6) Chloroethane	2.80	64	137225	46.755	ug/l	94
7) Trichlorofluoromethane	3.13	101	433689	45.674	ug/l	98
8) Diethyl Ether	3.54	74	184148	46.893	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	290467	47.193	ug/l	99
10) Methyl Iodide	4.10	142	314029	55.276	ug/l	99
11) Tert butyl alcohol	4.96	59	182566	232.208	ug/l	99
12) 1,1-Dichloroethene	3.88	96	300929	47.884	ug/l	99
13) Acrolein	3.74	56	96589	192.202	ug/l	99
14) Allyl chloride	4.49	41	603280	53.688	ug/l #	93
15) Acrylonitrile	5.18	53	543262	259.677	ug/l	98
16) Acetone	3.96	43	336220	183.503	ug/l	97
17) Carbon Disulfide	4.20	76	1028595	50.942	ug/l	100
18) Methyl Acetate	4.48	43	253312	52.423	ug/l #	89
19) Methyl tert-butyl Ether	5.23	73	903554	52.177	ug/l	98
20) Methylene Chloride	4.72	84	372113	49.906	ug/l #	82
21) trans-1,2-Dichloroethene	5.22	96	354223	49.273	ug/l	87
22) Diisopropyl ether	6.13	45	1216297	53.342	ug/l	96
23) Vinyl Acetate	6.07	43	4071252	272.560	ug/l	94
24) 1,1-Dichloroethane	6.02	63	629007	50.901	ug/l	98
25) 2-Butanone	6.99	43	712548	248.447	ug/l	99
26) 2,2-Dichloropropane	6.99	77	505259	48.420	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	394068	49.098	ug/l	99
28) Bromochloromethane	7.34	49	312698	51.419	ug/l	99
29) Tetrahydrofuran	7.35	42	484063	255.817	ug/l	98
30) Chloroform	7.51	83	605541	50.112	ug/l	98
31) Cyclohexane	7.79	56	598588	46.802	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	520230	50.510	ug/l	99
36) 1,1-Dichloropropene	7.92	75	490130	49.907	ug/l	99
37) Ethyl Acetate	7.08	43	322867	51.906	ug/l	99
38) Carbon Tetrachloride	7.91	117	453636	50.438	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.18	83	620926	48.804	ug/l	97
40) Benzene	8.16	78	1449364	49.640	ug/l	100
41) Methacrylonitrile	7.35	41	434817	118.533	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	403046	51.250	ug/l	99
43) Isopropyl Acetate	8.28	43	598679	52.401	ug/l	99
44) Trichloroethene	8.94	130	385256	49.235	ug/l	96
45) 1,2-Dichloropropane	9.22	63	382327	50.551	ug/l	97
46) Dibromomethane	9.31	93	200376	50.622	ug/l	99
47) Bromodichloromethane	9.50	83	476940	50.965	ug/l	99
48) Methyl methacrylate	9.29	41	278537	52.638	ug/l	97
49) 1,4-Dioxane	9.30	88	53667	975.171	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	1588988	260.424	ug/l	98
52) Toluene	10.24	92	894565	50.348	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	519185	51.547	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	603085	50.952	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	292393	50.896	ug/l	99
56) Ethyl methacrylate	10.51	69	418198	52.584	ug/l	97
57) 1,3-Dichloropropane	10.79	76	512570	50.861	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	1144589	270.199	ug/l	99
59) 2-Hexanone	10.83	43	1099439	262.842	ug/l	97
60) Dibromochloromethane	10.99	129	341031	51.773	ug/l	100
61) 1,2-Dibromoethane	11.09	107	273368	50.482	ug/l	100
64) Tetrachloroethene	10.72	164	372655	49.149	ug/l	99
65) Chlorobenzene	11.52	112	943368	49.705	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	338040	50.805	ug/l	99
67) Ethyl Benzene	11.59	91	1716816	50.498	ug/l	100
68) m/p-Xylenes	11.70	106	1290851	101.101	ug/l	100
69) o-Xylene	12.03	106	609925	50.391	ug/l	99
70) Styrene	12.04	104	1034947	51.000	ug/l	99
71) Bromoform	12.20	173	206524	51.561	ug/l #	100
73) Isopropylbenzene	12.33	105	1648293	50.377	ug/l	100
74) N-amyl acetate	12.14	43	533921	52.439	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	337943	50.955	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	461037	95.655	ug/l #	100
77) Bromobenzene	12.61	156	384843	50.117	ug/l	98
78) n-propylbenzene	12.67	91	1992243	50.390	ug/l	100
79) 2-Chlorotoluene	12.75	91	1103372	50.360	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1362348	50.638	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	126789	51.106	ug/l	97
82) 4-Chlorotoluene	12.85	91	1165604	50.327	ug/l	100
83) tert-Butylbenzene	13.07	119	1167178	50.770	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1357338	50.281	ug/l	100
85) sec-Butylbenzene	13.25	105	1668832	50.508	ug/l	100
86) p-Isopropyltoluene	13.36	119	1485159	50.696	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	725162	49.616	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	725972	49.360	ug/l	100
89) n-Butylbenzene	13.69	91	1470280	50.366	ug/l	100
90) Hexachloroethane	13.95	117	275960	50.836	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	665741	49.944	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	55075	50.983	ug/l	95

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Sep 08 09:08:29 2020
Response via : Initial Calibration

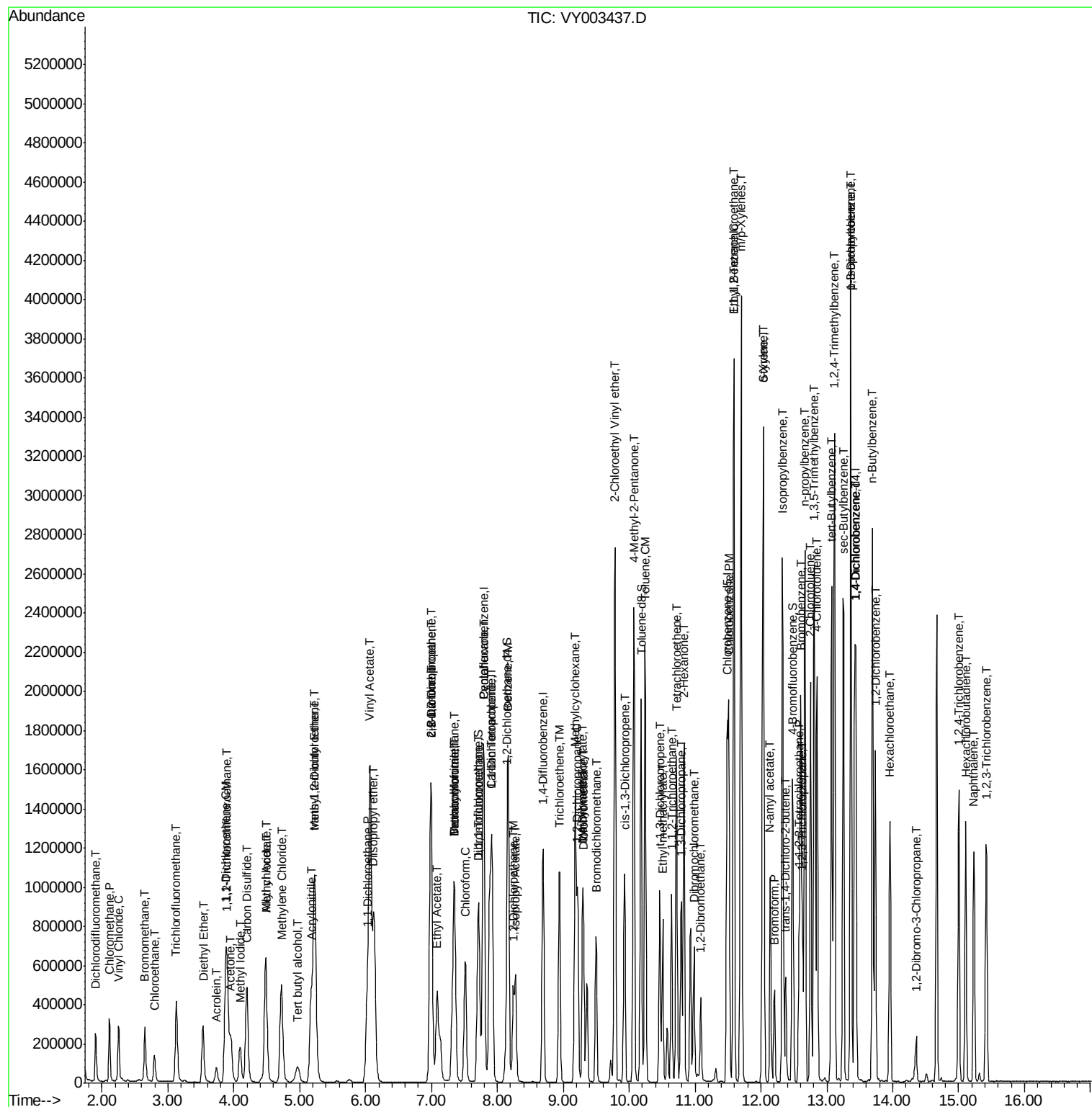
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	446469	50.281	ug/l	99
94) Hexachlorobutadiene	15.11	225	230998	49.387	ug/l	99
95) Naphthalene	15.23	128	982510	51.763	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	390473	49.594	ug/l	99

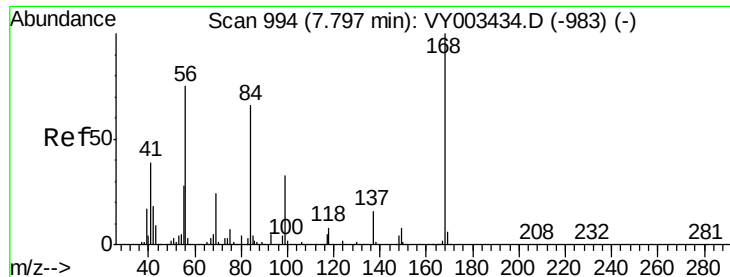
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

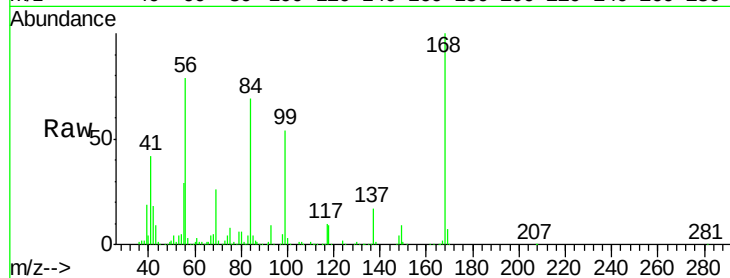
ICVY090420

Tot Ion:168 Resp: 613265

Ion Ratio Lower Upper

168 100

99 54.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VY003437.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003437.D (-945) (-)

7.80

250000

200000

150000

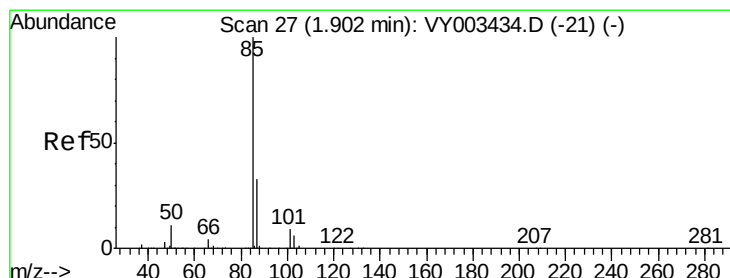
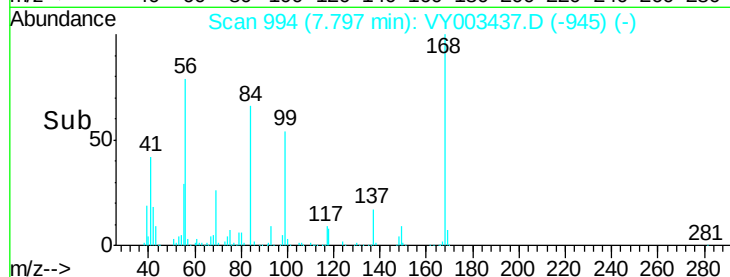
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.397 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003437.D

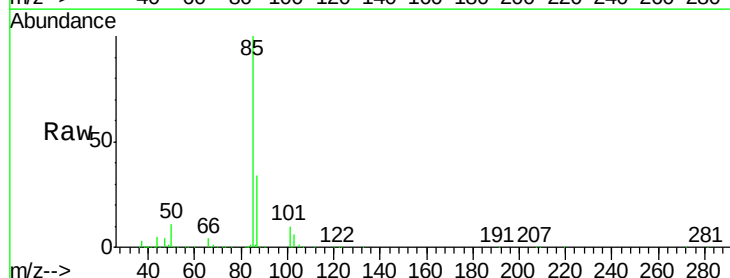
Acq: 04 Sep 2020 18:19

Tgt Ion: 85 Resp: 207212

Ion Ratio Lower Upper

85 100

87 33.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY003437.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003437.D (-1) (-)

1.90

150000

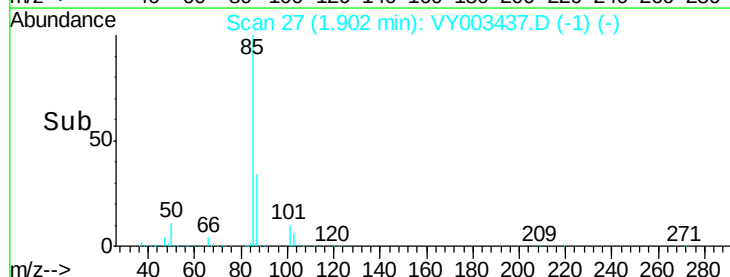
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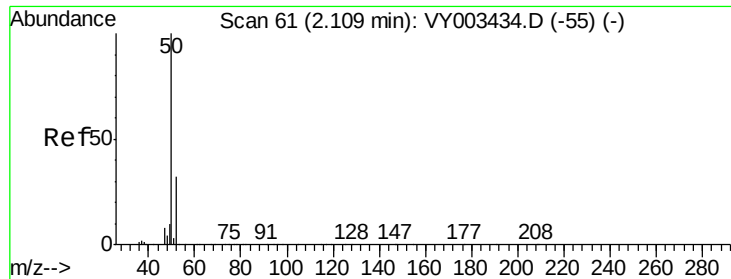
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.437 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

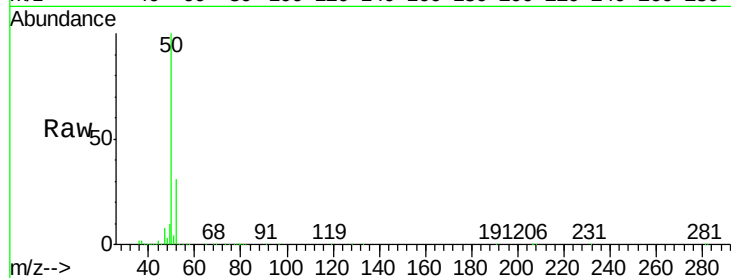
ICVY090420

Tot Ion: 50 Resp: 290948

Ion Ratio Lower Upper

50 100

52 31.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

200000

150000

100000

50000

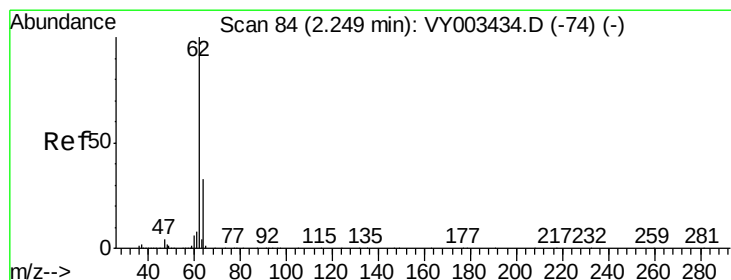
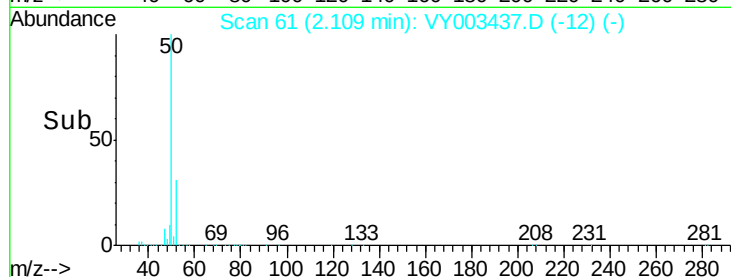
0

Time-->

2.00

2.10

2.20



#4

Vinyl Chloride

Concen: 47.764 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY003437.D

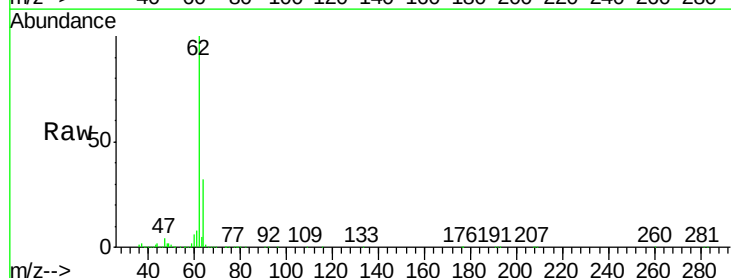
Acq: 04 Sep 2020 18:19

Tgt Ion: 62 Resp: 279960

Ion Ratio Lower Upper

62 100

64 31.8 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

200000

150000

100000

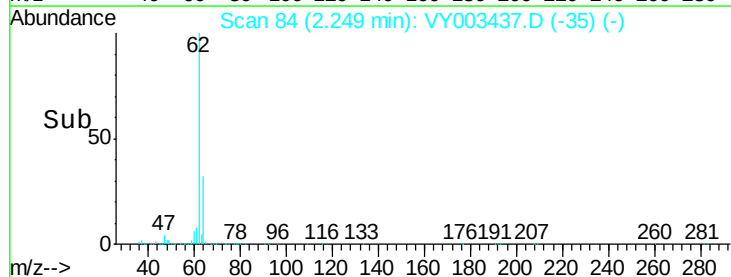
50000

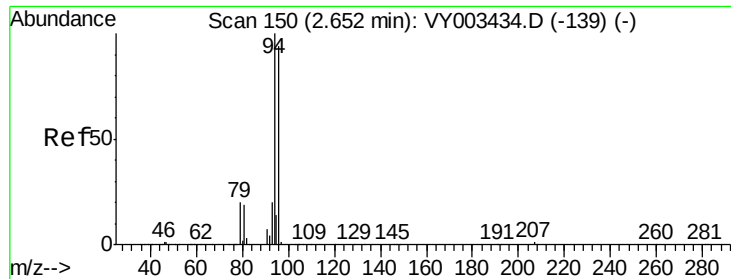
0

Time-->

2.20

2.30





#5

Bromomethane

Concen: 50.932 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

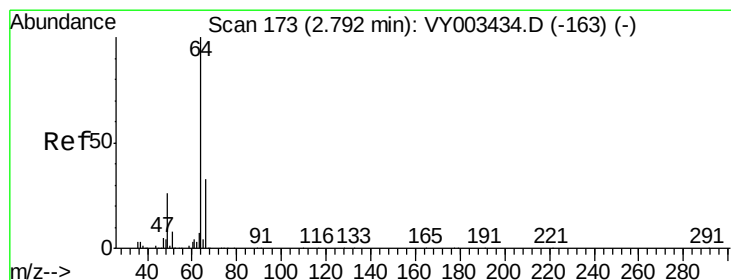
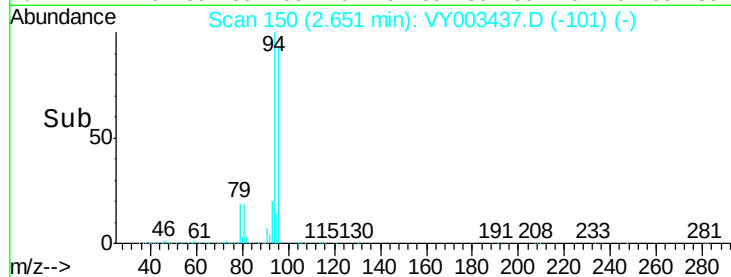
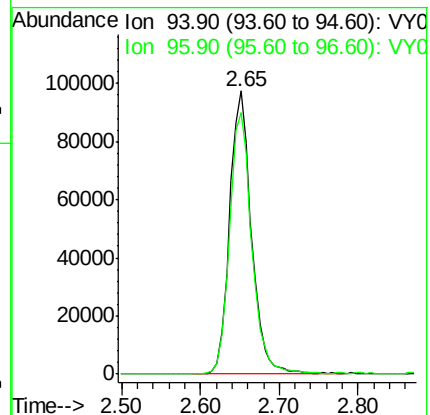
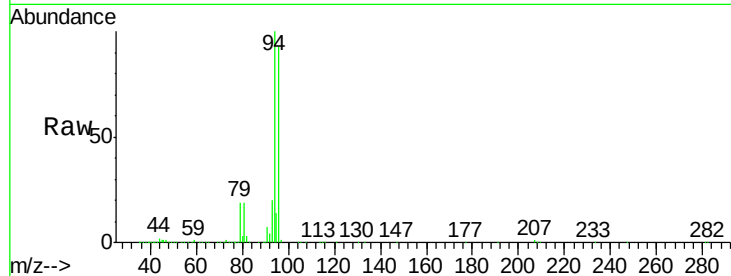
ICVY090420

Tot Ion: 94 Resp: 187521

Ion Ratio Lower Upper

94 100

96 92.4 75.0 112.6



#6

Chloroethane

Concen: 46.755 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY003437.D

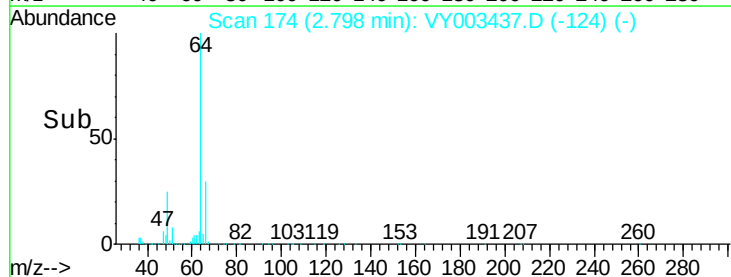
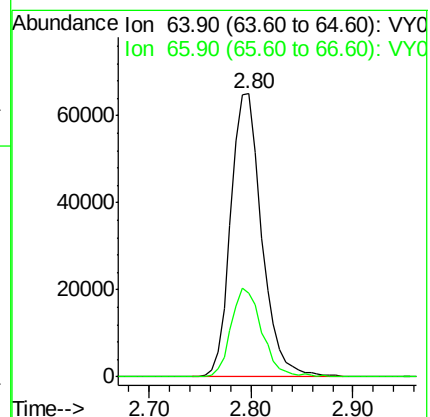
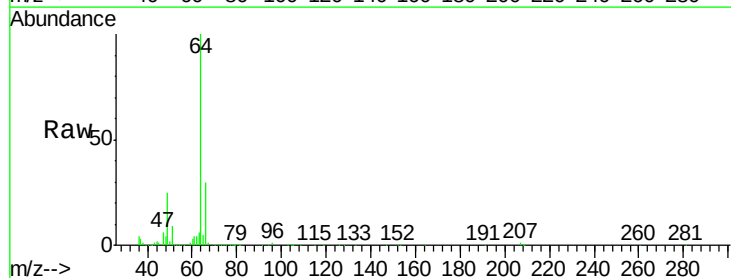
Acq: 04 Sep 2020 18:19

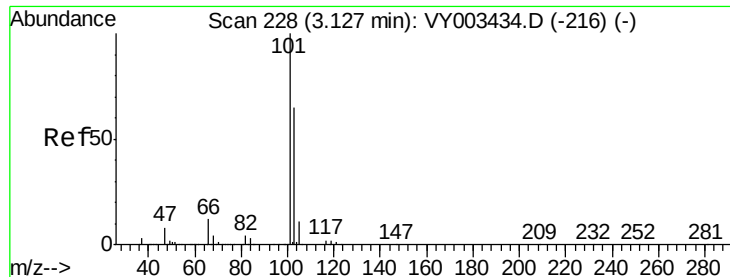
Tgt Ion: 64 Resp: 137225

Ion Ratio Lower Upper

64 100

66 29.7 26.3 39.5



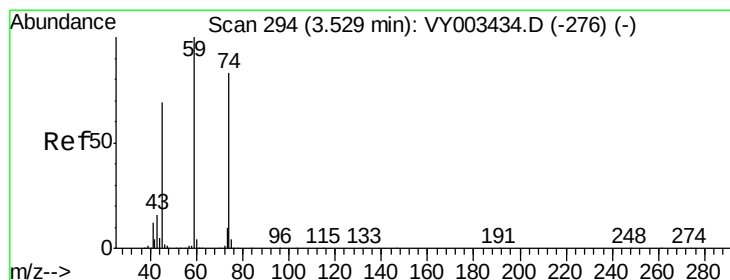
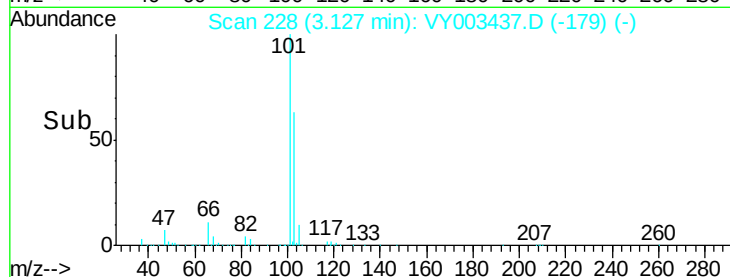
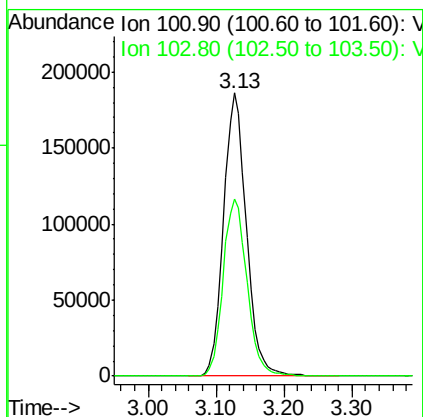
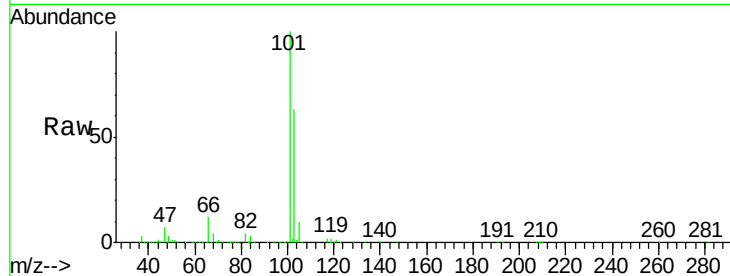


#7

Trichlorofluoromethane
 Concen: 45.674 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003437.D
 Acq: 04 Sep 2020 18:19

Instrument :
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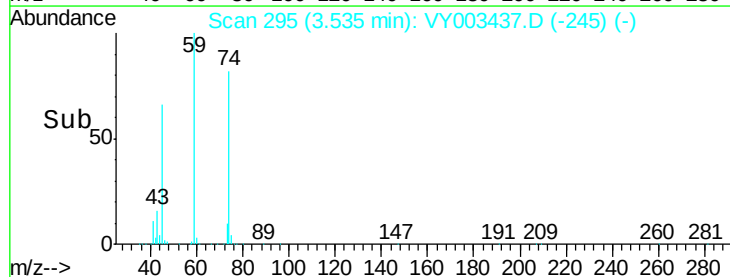
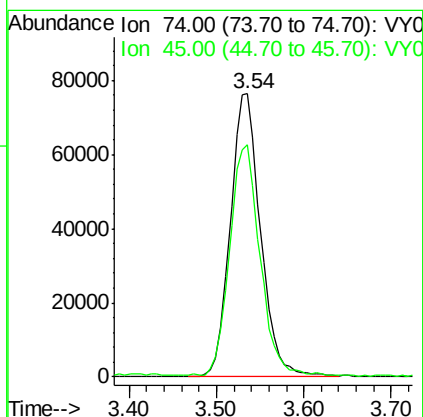
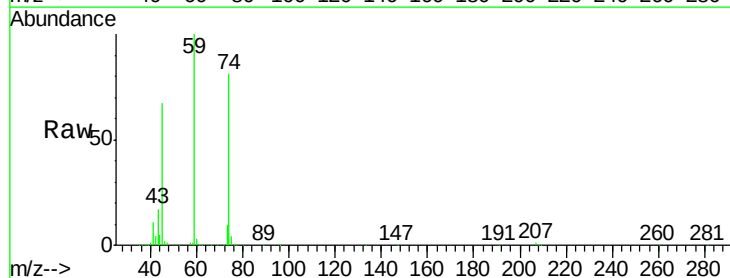
Tot Ion:101 Resp: 433689
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.7 77.5

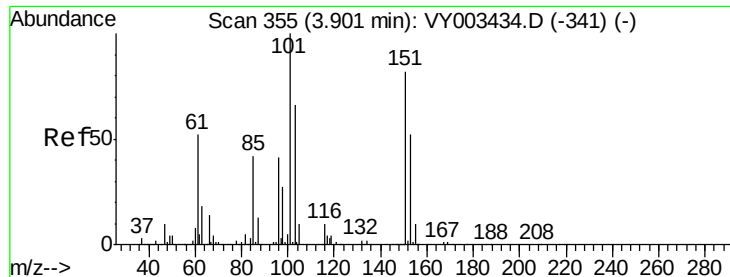


#8

Diethyl Ether
 Concen: 46.893 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY003437.D
 Acq: 04 Sep 2020 18:19

Tgt Ion: 74 Resp: 184148
 Ion Ratio Lower Upper
 74 100
 45 81.3 40.6 122.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.193 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY090420

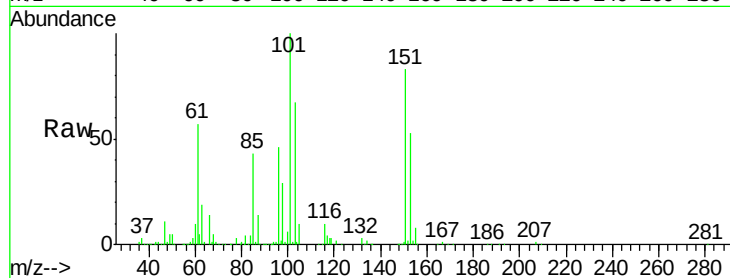
Tot Ion:101 Resp: 290467

Ion Ratio Lower Upper

101 100

85 40.9 33.1 49.7

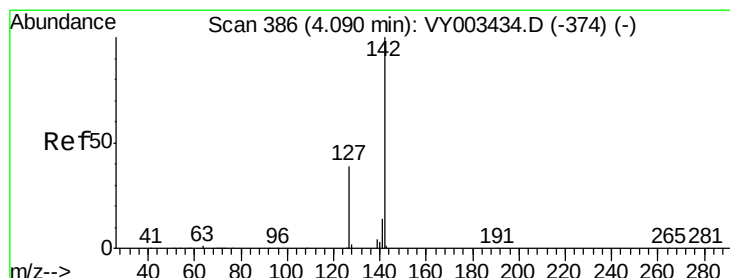
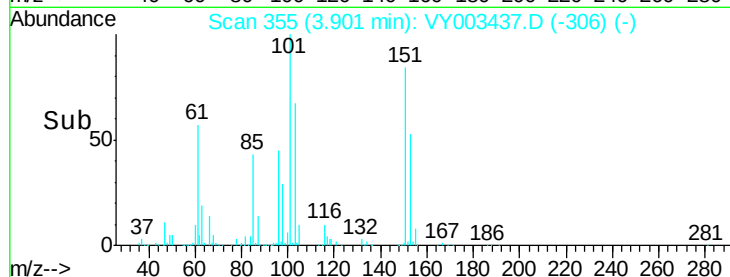
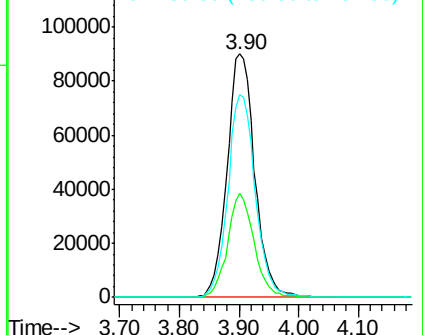
151 82.7 65.2 97.8



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: 55.276 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.01 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

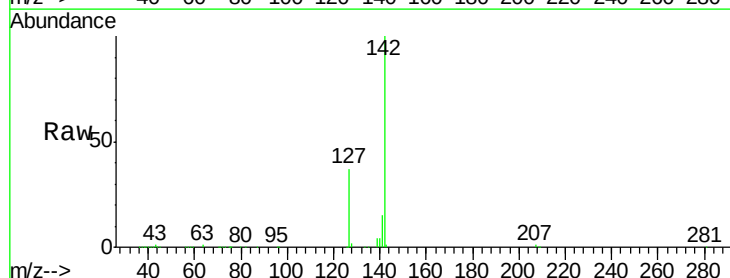
Tgt Ion:142 Resp: 314029

Ion Ratio Lower Upper

142 100

127 37.6 30.5 45.7

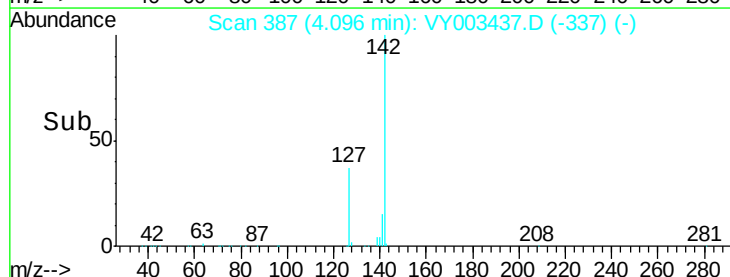
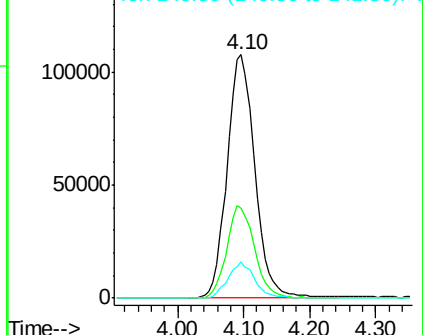
141 14.1 11.4 17.2

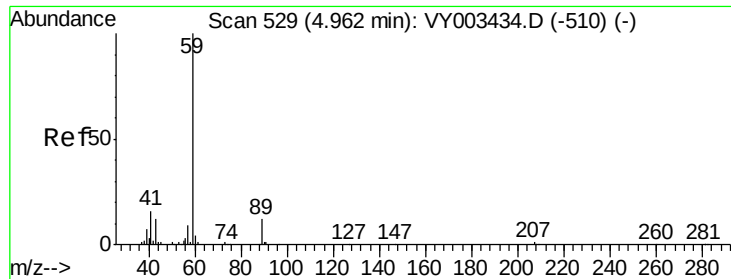


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

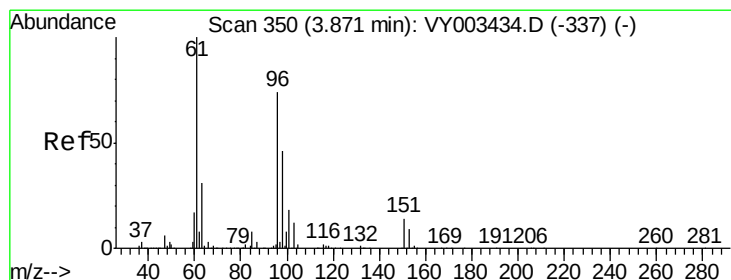
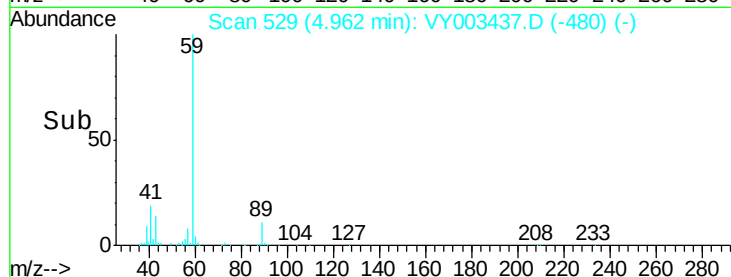
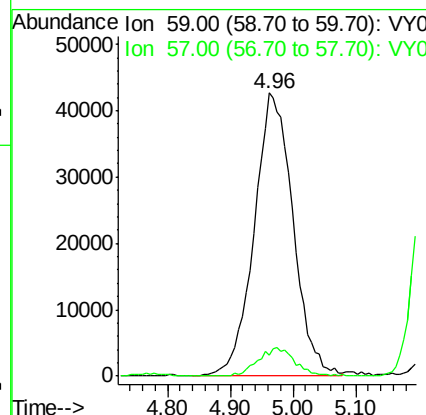
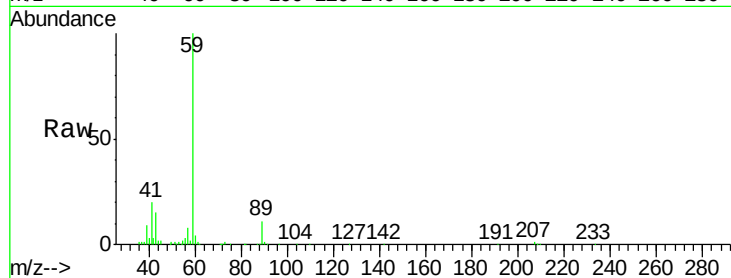




#11
Tert butyl alcohol
Concen: 232.208 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

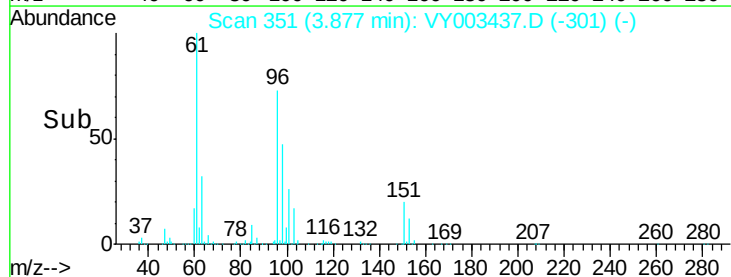
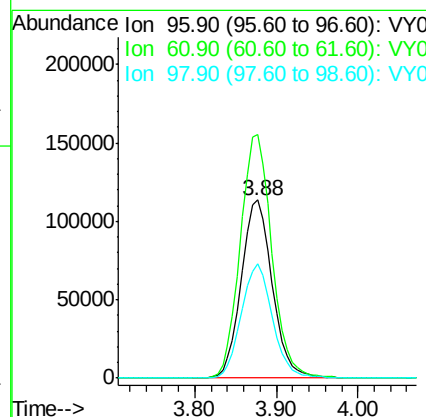
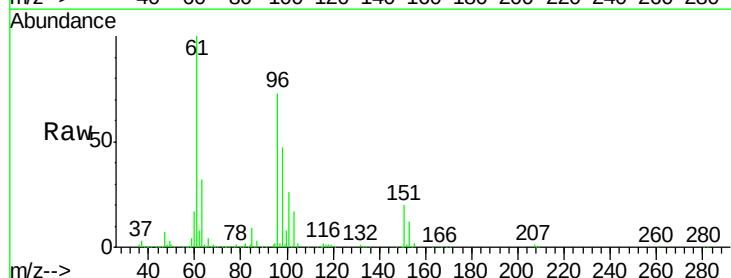
Instrument :
MSVOA_Y
ClientSampleId :
ICVY090420

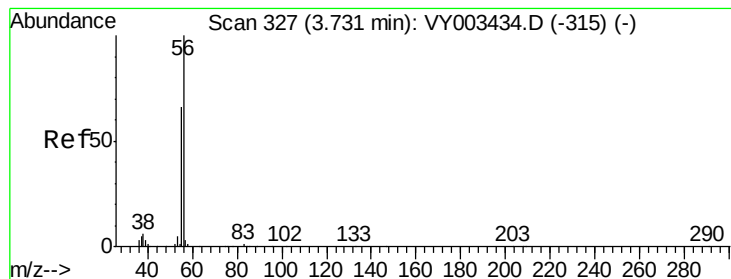
Tot Ion: 59 Resp: 182566
Ion Ratio Lower Upper
59 100
57 9.4 7.4 11.0



#12
1,1-Dichloroethene
Concen: 47.884 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.01 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

Tgt Ion: 96 Resp: 300929
Ion Ratio Lower Upper
96 100
61 136.7 108.6 163.0
98 64.2 50.5 75.7





#13

Acrolein

Concen: 192.202 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

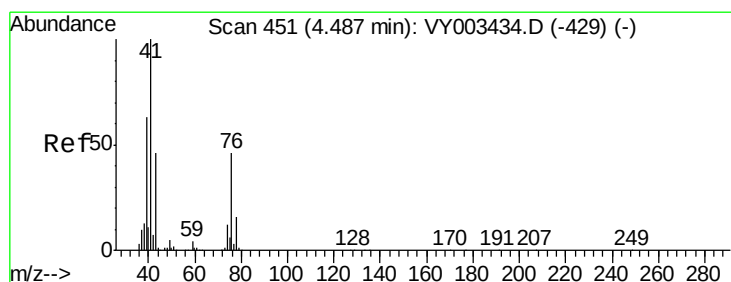
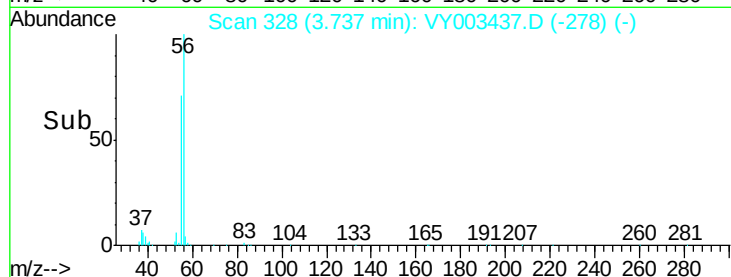
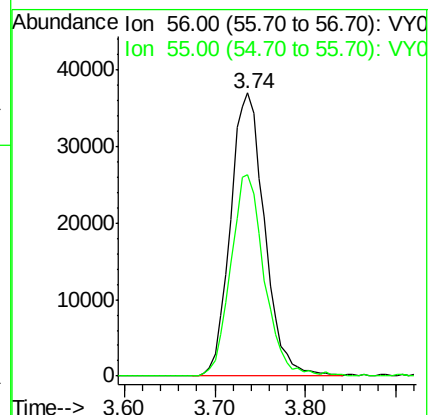
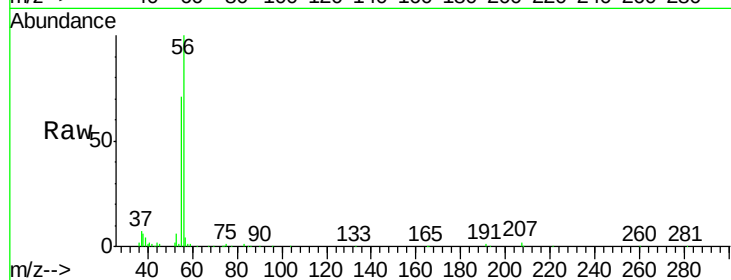
ICVY090420

Tot Ion: 56 Resp: 96589

Ion Ratio Lower Upper

56 100

55 69.8 55.2 82.8



#14

Allyl chloride

Concen: 53.688 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

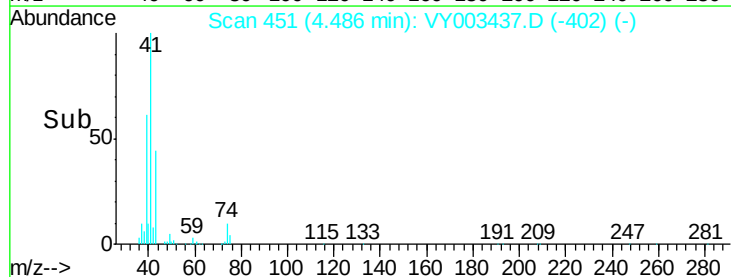
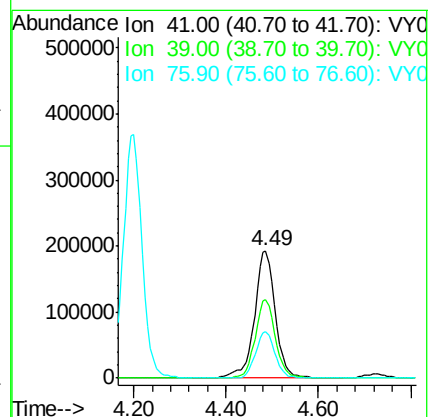
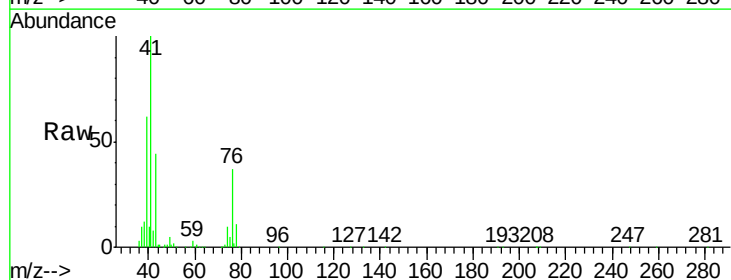
Tgt Ion: 41 Resp: 603280

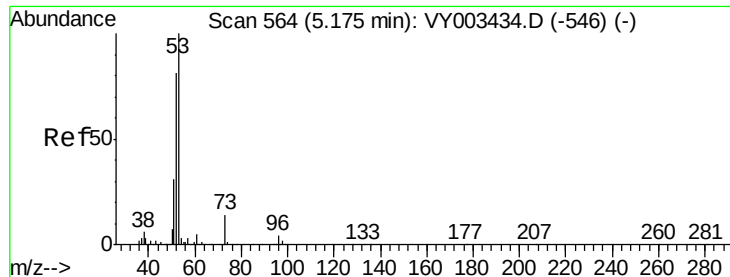
Ion Ratio Lower Upper

41 100

39 59.5 48.2 72.4

76 34.3 35.1 52.7#





#15

Acrylonitrile

Concen: 259.677 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY090420

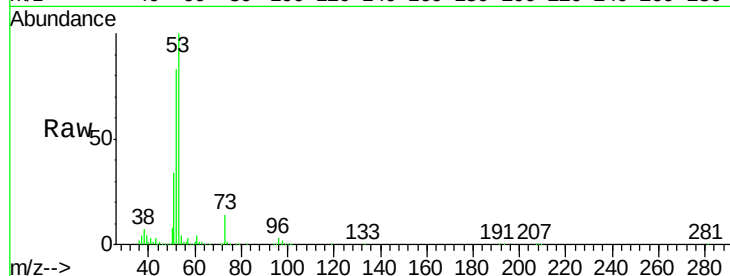
Tot Ion: 53 Resp: 543262

Ion Ratio Lower Upper

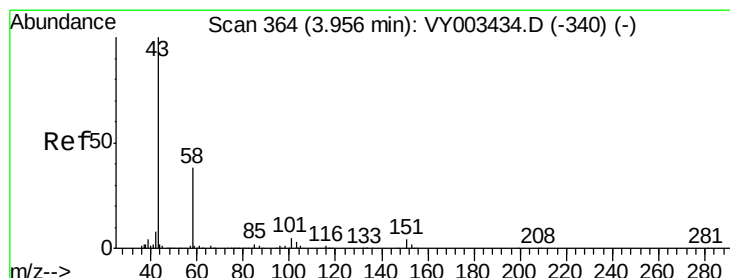
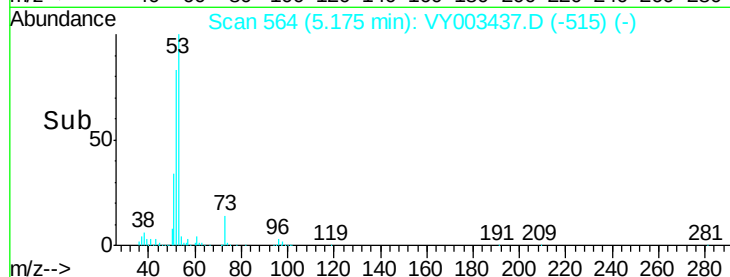
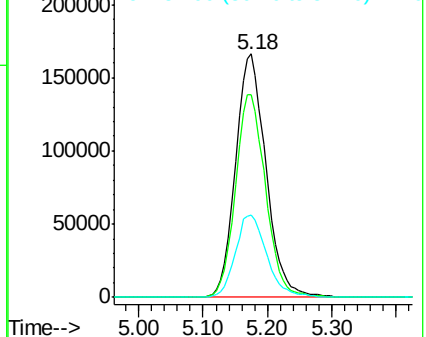
53 100

52 82.4 64.5 96.7

51 34.9 26.6 39.8



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 183.503 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY003437.D

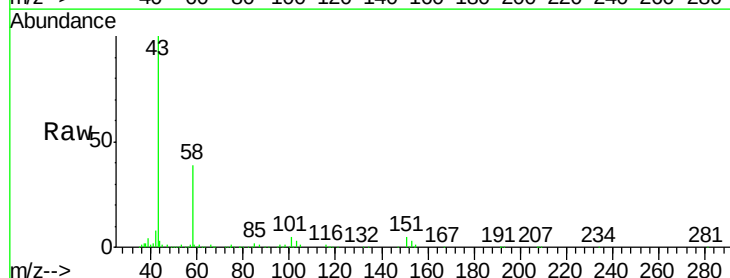
Acq: 04 Sep 2020 18:19

Tgt Ion: 43 Resp: 336220

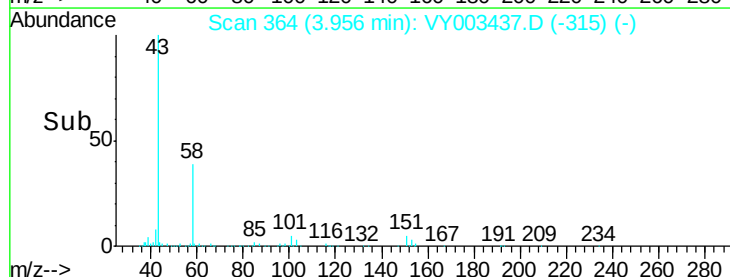
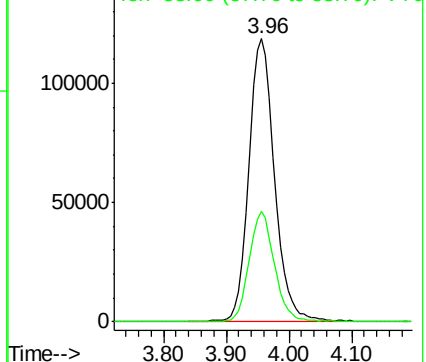
Ion Ratio Lower Upper

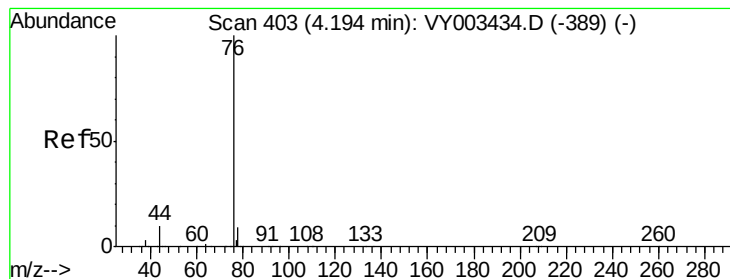
43 100

58 39.0 29.9 44.9



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





#17

Carbon Disulfide

Concen: 50.942 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

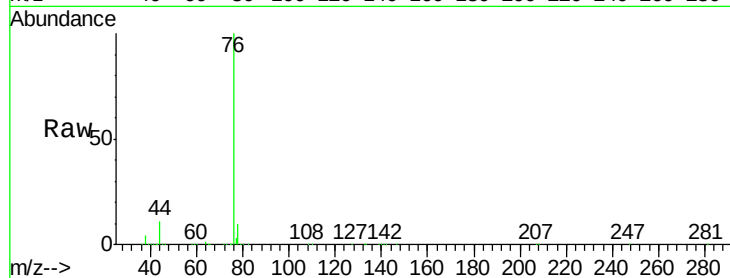
ICVY090420

Tot Ion: 76 Resp: 1028595

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

400000

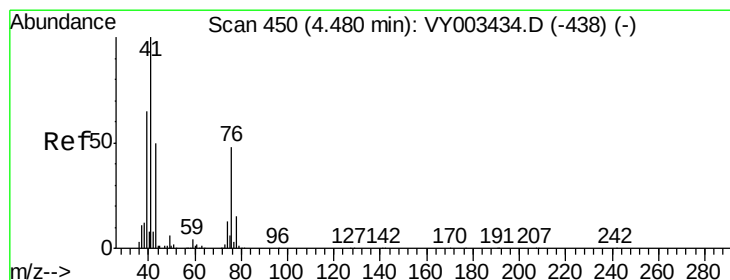
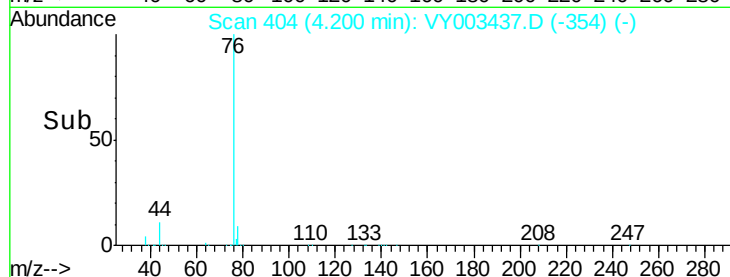
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 52.423 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY003437.D

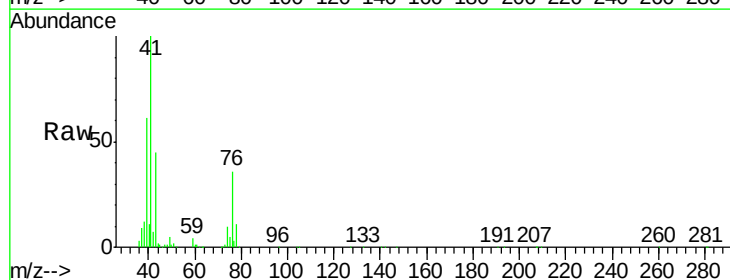
Acq: 04 Sep 2020 18:19

Tgt Ion: 43 Resp: 253312

Ion Ratio Lower Upper

43 100

74 22.3 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

100000

80000

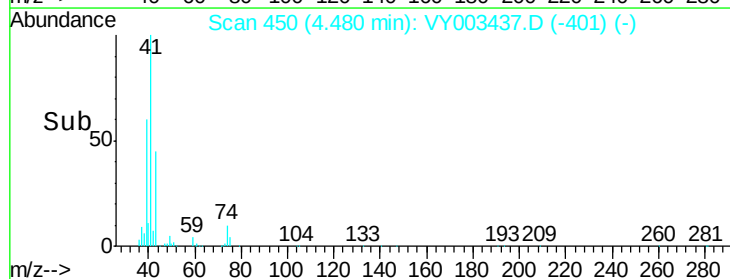
60000

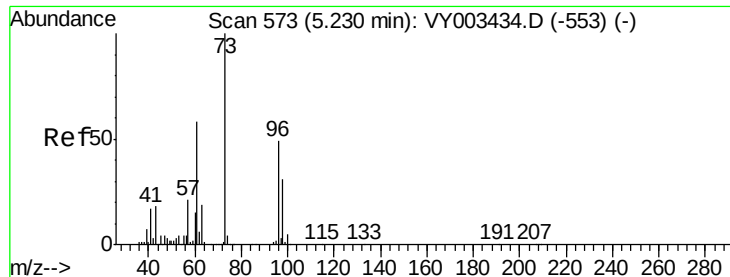
40000

20000

0

Time-->



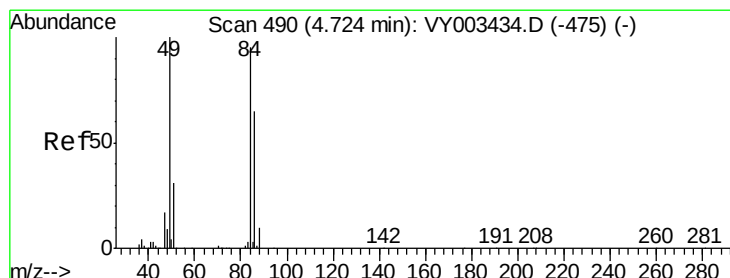
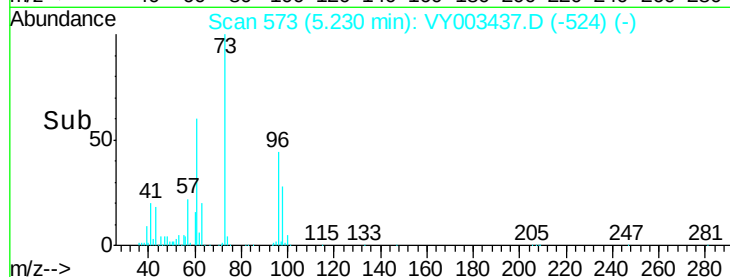
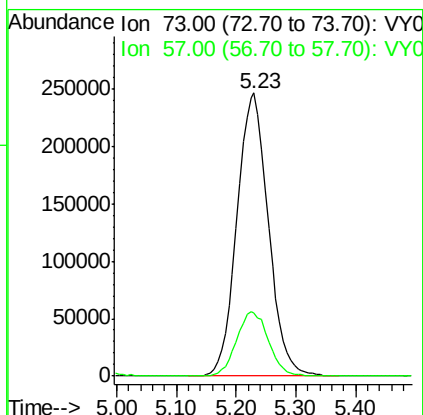
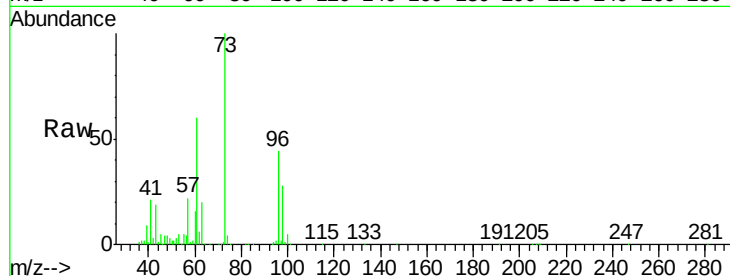


#19

Methyl tert-butyl Ether
 Concen: 52.177 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VY003437.D
 Acq: 04 Sep 2020 18:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY090420

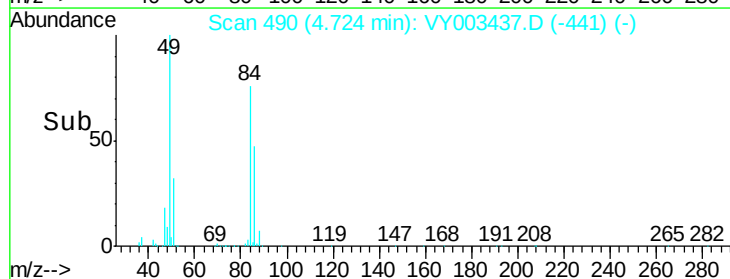
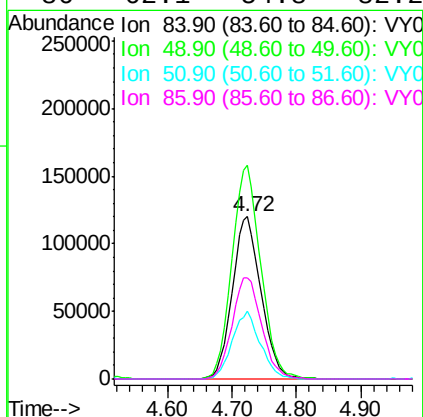
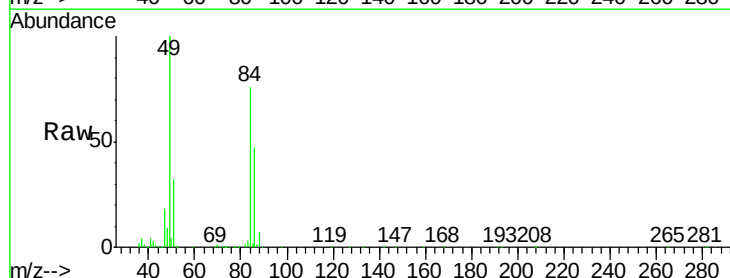
Tot Ion: 73 Resp: 903554
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.0 25.6

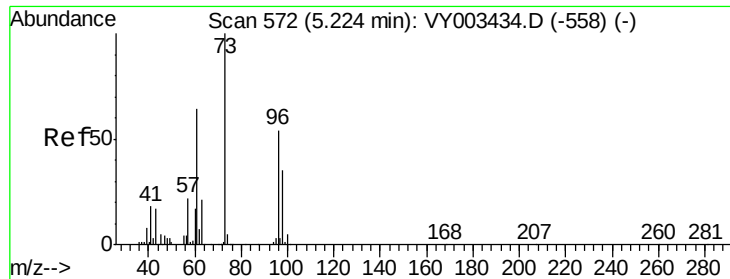


#20

Methylene Chloride
 Concen: 49.906 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003437.D
 Acq: 04 Sep 2020 18:19

Tgt Ion: 84 Resp: 372113
 Ion Ratio Lower Upper
 84 100
 49 131.5 83.9 125.9#
 51 41.6 26.3 39.5#
 86 62.1 54.8 82.2





#21

trans-1,2-Dichloroethene

Concen: 49.273 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY090420

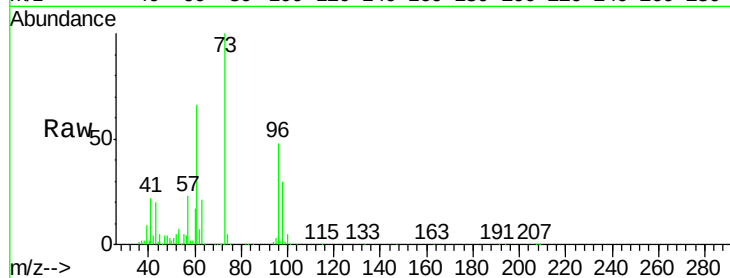
Tot Ion: 96 Resp: 354223

Ion Ratio Lower Upper

96 100

61 138.4 94.8 142.2

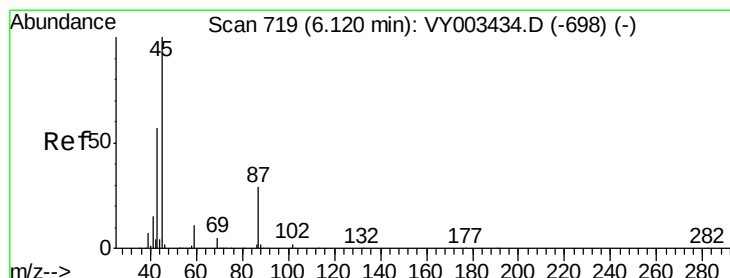
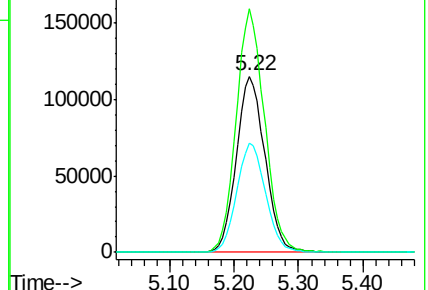
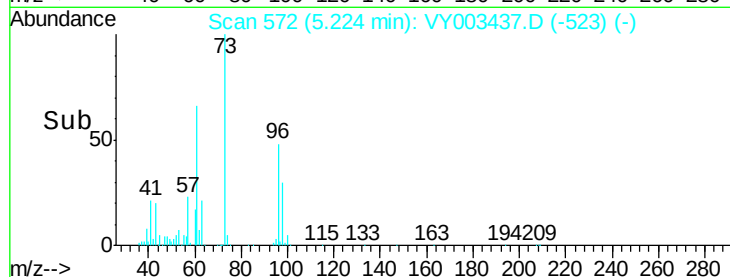
98 62.1 51.3 76.9



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: 53.342 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.01 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Tgt Ion: 45 Resp: 1216297

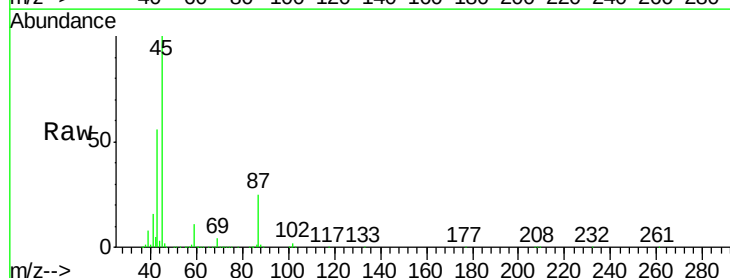
Ion Ratio Lower Upper

45 100

43 55.6 45.2 67.8

87 24.5 23.4 35.0

59 10.6 9.2 13.8

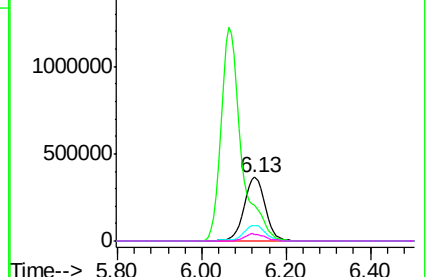
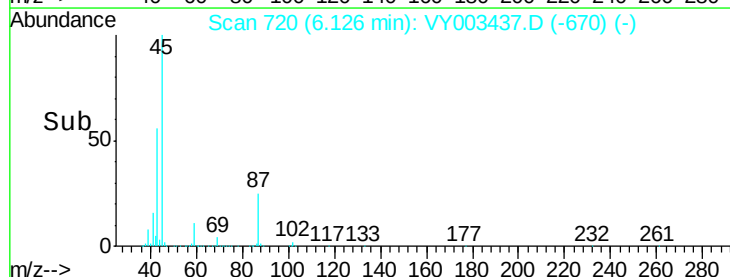


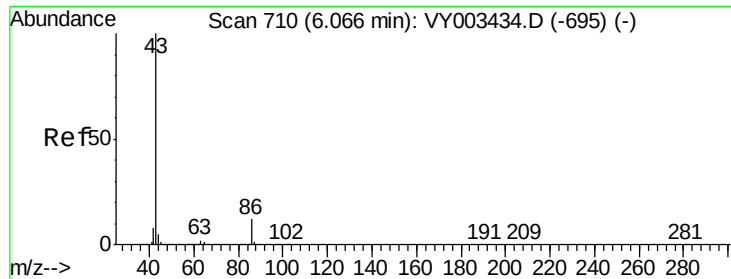
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 272.560 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

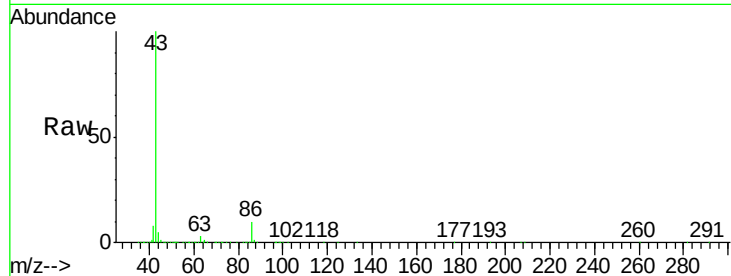
ICVY090420

Tot Ion: 43 Resp: 4071252

Ion Ratio Lower Upper

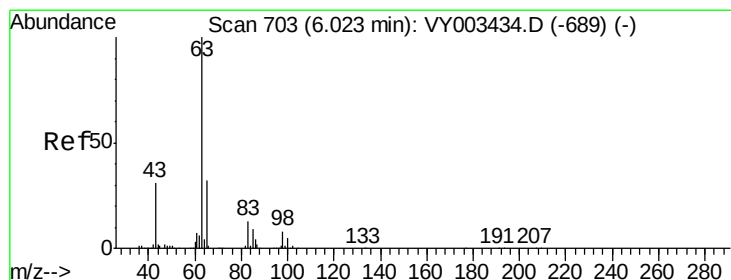
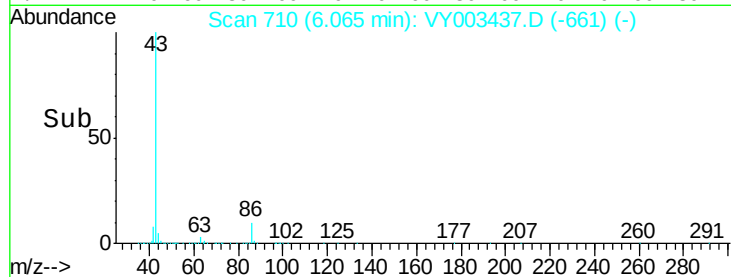
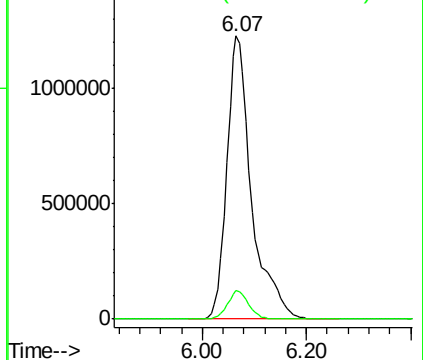
43 100

86 10.0 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.901 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

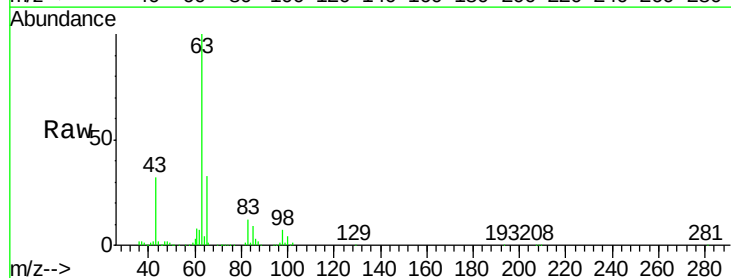
Tgt Ion: 63 Resp: 629007

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

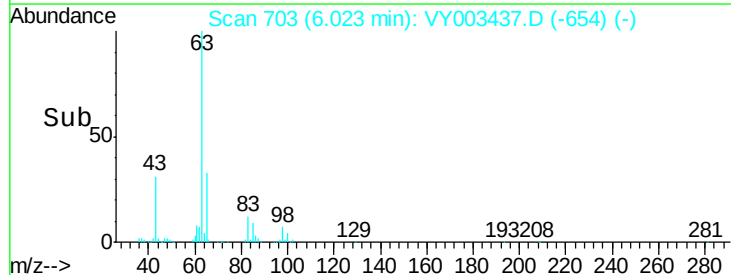
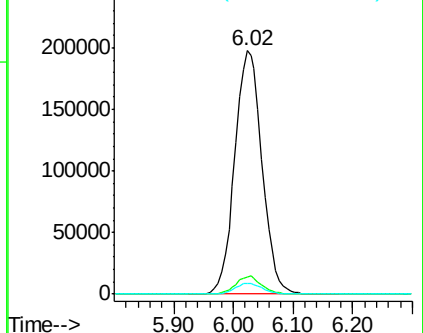
100 4.4 2.4 7.2

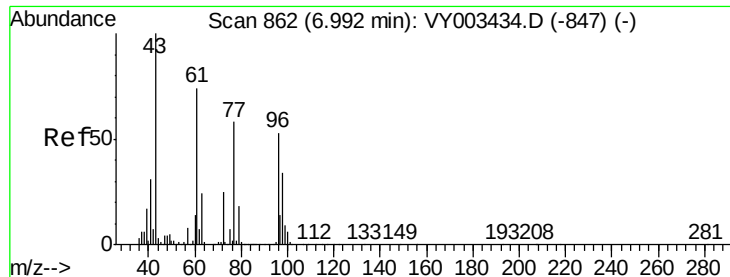


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 248.447 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

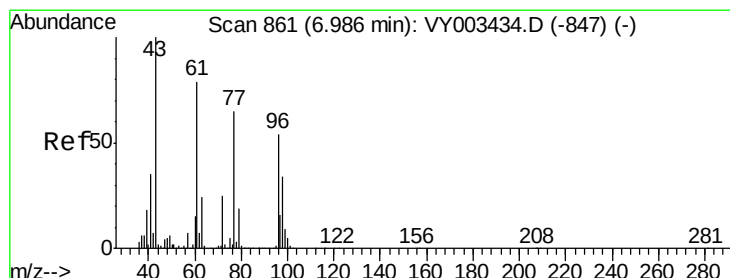
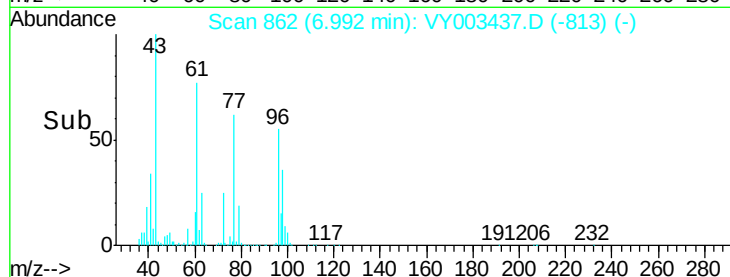
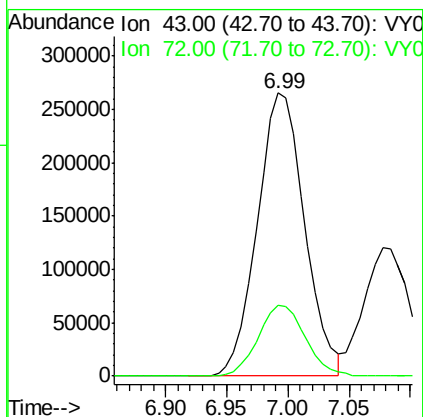
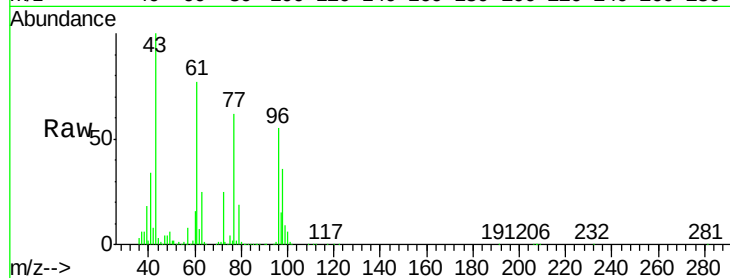
ICVY090420

Tot Ion: 43 Resp: 712548

Ion Ratio Lower Upper

43 100

72 25.0 19.8 29.6



#26

2,2-Dichloropropane

Concen: 48.420 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.00 min

Lab File: VY003437.D

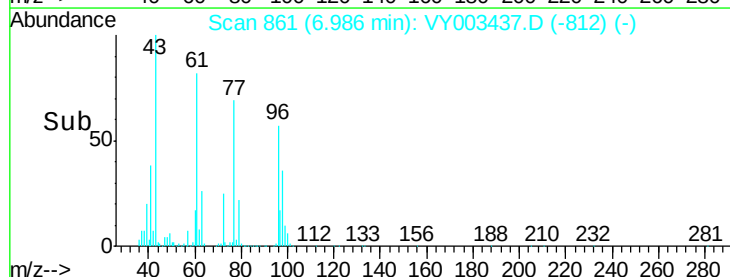
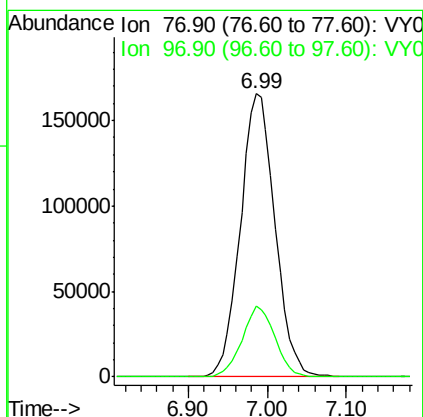
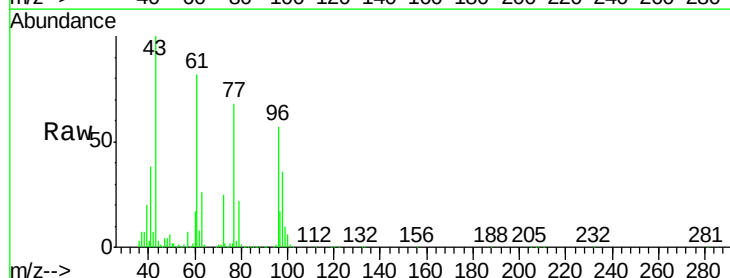
Acq: 04 Sep 2020 18:19

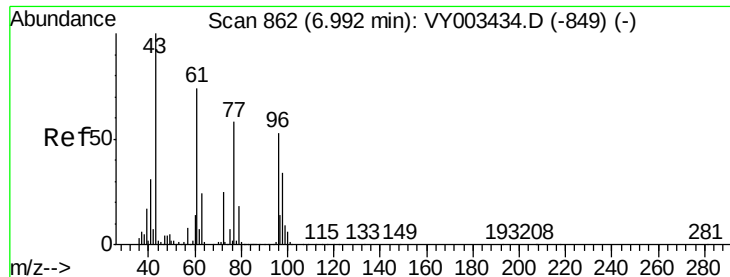
Tgt Ion: 77 Resp: 505259

Ion Ratio Lower Upper

77 100

97 23.8 12.1 36.3



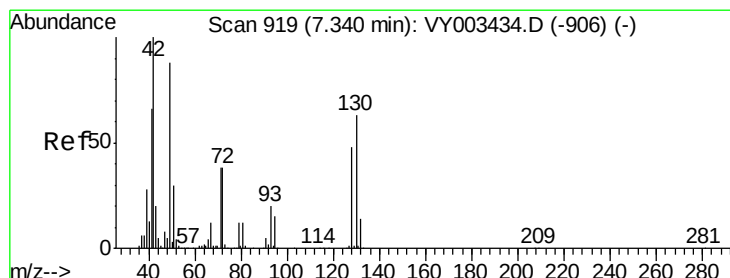
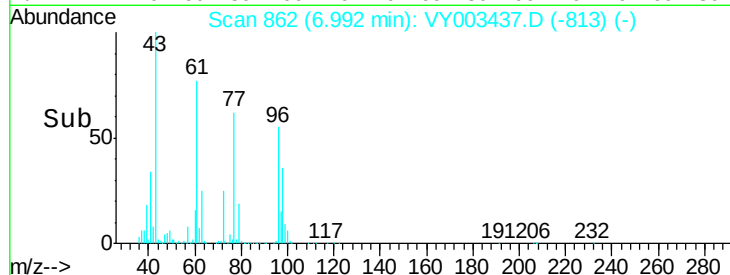
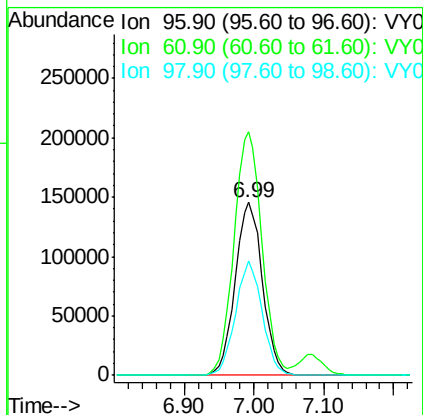
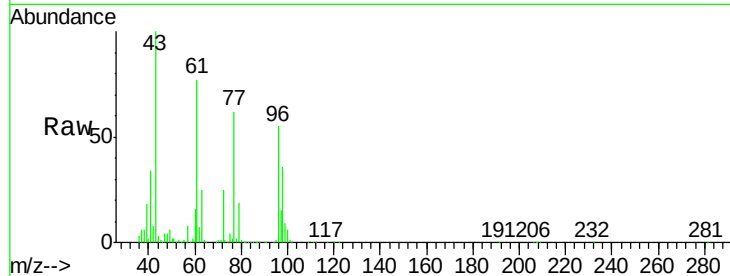


#27

cis-1,2-Dichloroethene
 Concen: 49.098 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003437.D
 Acq: 04 Sep 2020 18:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY090420

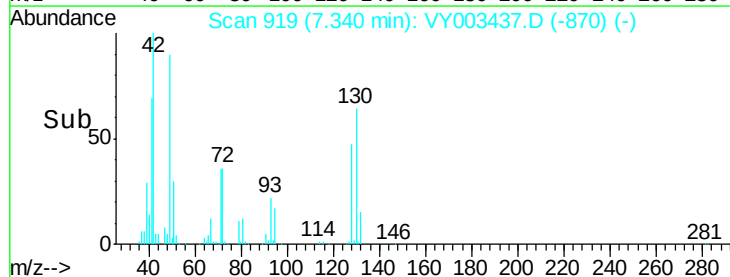
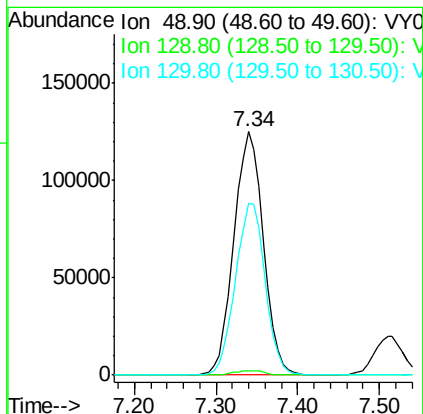
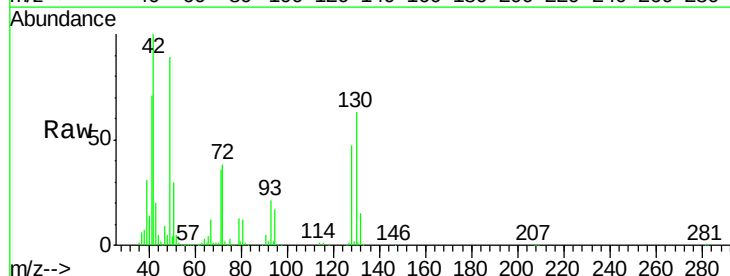
Tot Ion	96	Resp	394068
Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	285.0
98	64.6	0.0	128.6

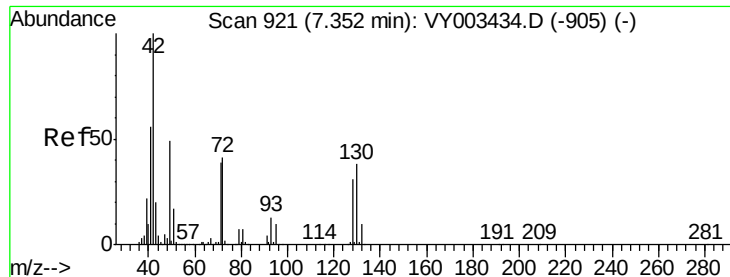


#28

Bromochloromethane
 Concen: 51.419 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003437.D
 Acq: 04 Sep 2020 18:19

Tgt Ion	49	Resp	312698
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	71.3	57.8	86.8

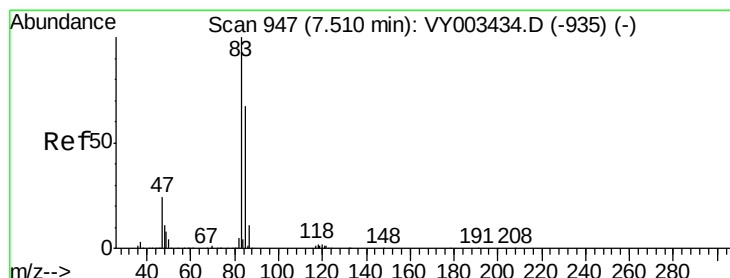
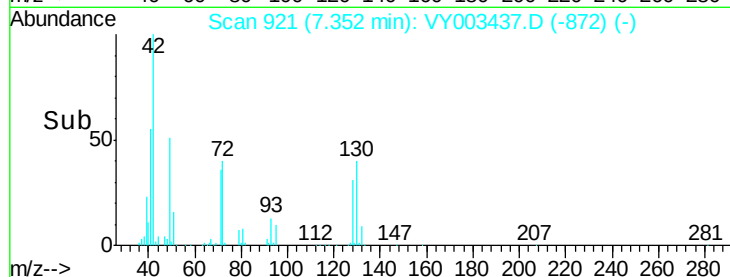
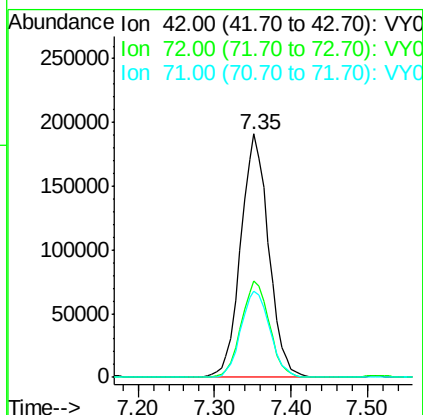
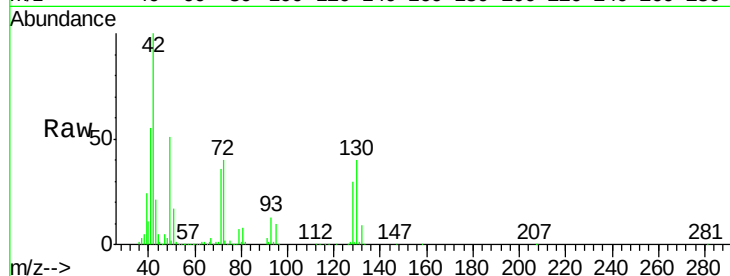




#29
Tetrahydrofuran
Concen: 255.817 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

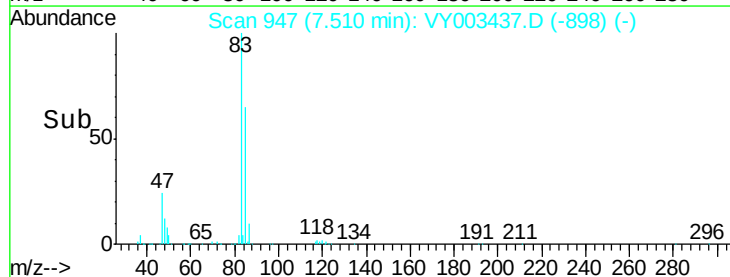
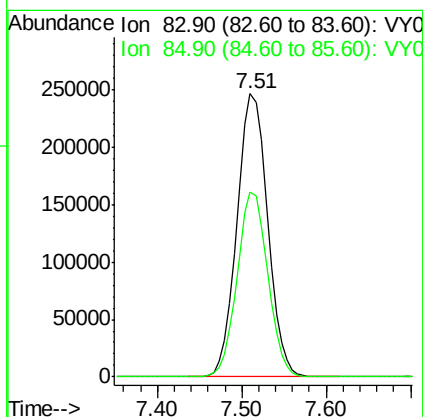
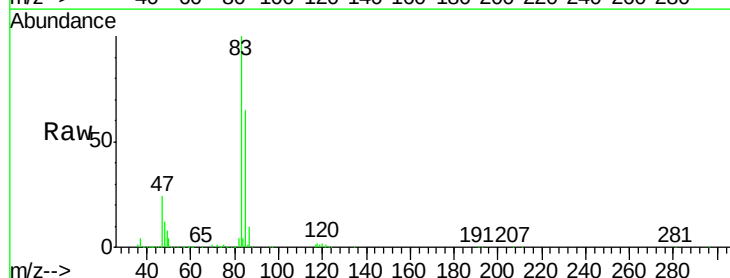
Instrument :
MSVOA_Y
ClientSampleId :
ICVY090420

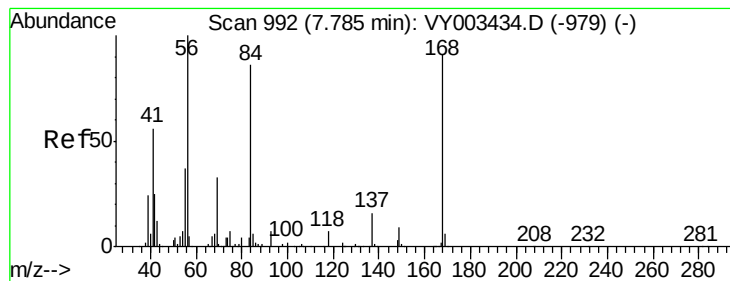
Tot Ion	Ratio	Lower	Upper
42	100		
72	39.7	32.4	48.6
71	36.8	30.7	46.1



#30
Chloroform
Concen: 50.112 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	53.5	80.3





#31

Cyclohexane

Concen: 46.802 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY090420

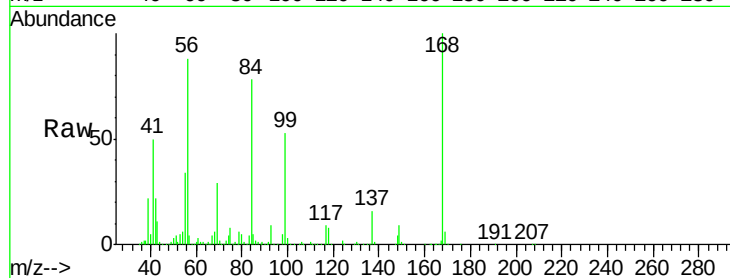
Tot Ion: 56 Resp: 598588

Ion Ratio Lower Upper

56 100

69 33.0 26.0 39.0

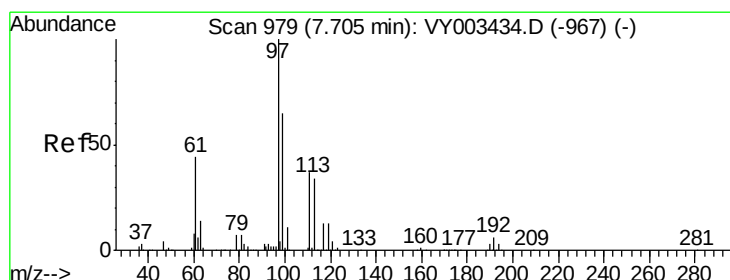
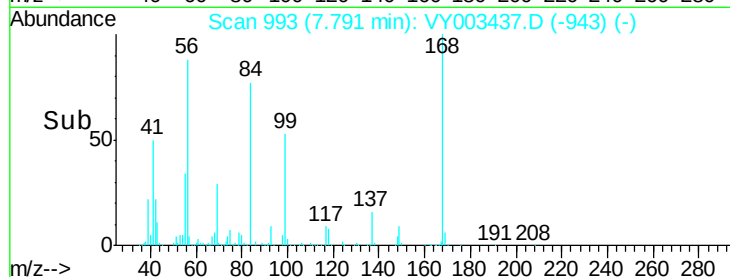
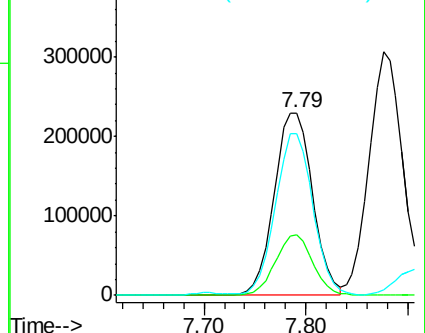
84 87.6 68.7 103.1



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: 50.510 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

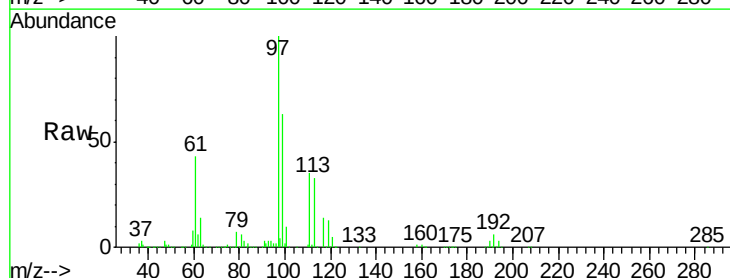
Tgt Ion: 97 Resp: 520230

Ion Ratio Lower Upper

97 100

99 63.5 51.6 77.4

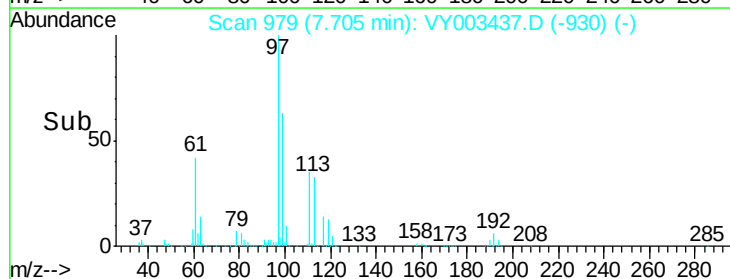
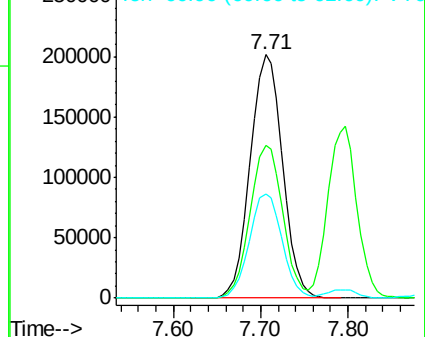
61 43.1 34.3 51.5

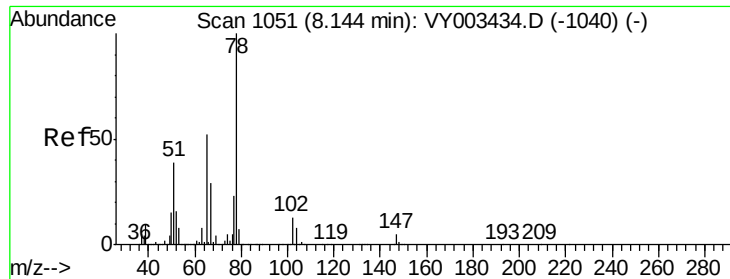


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

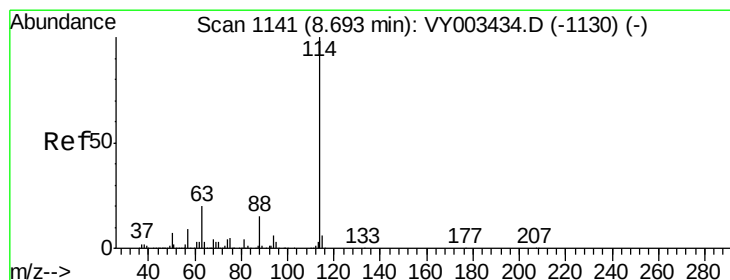
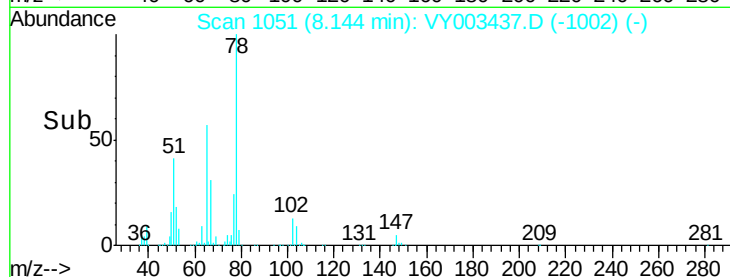
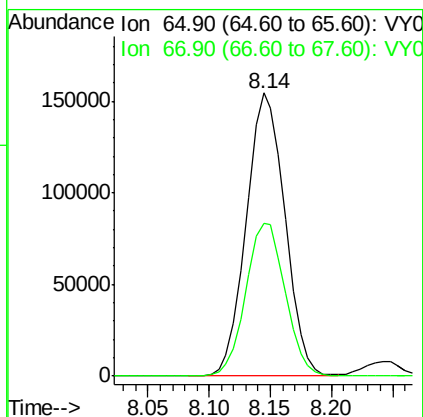
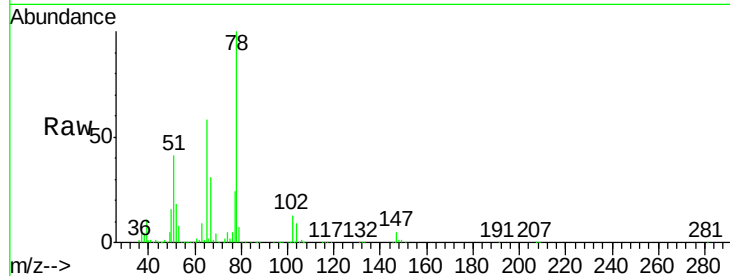




#33
 1,2-Dichloroethane-d4
 Concen: 53.549 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003437.D
 Acq: 04 Sep 2020 18:19

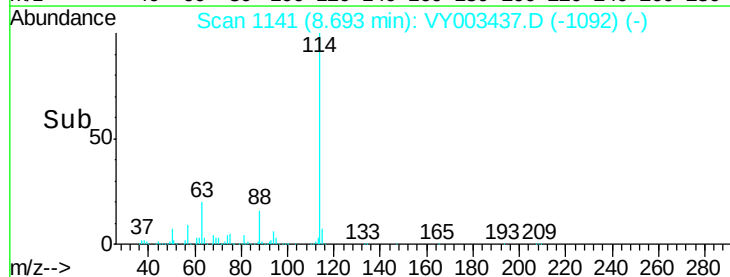
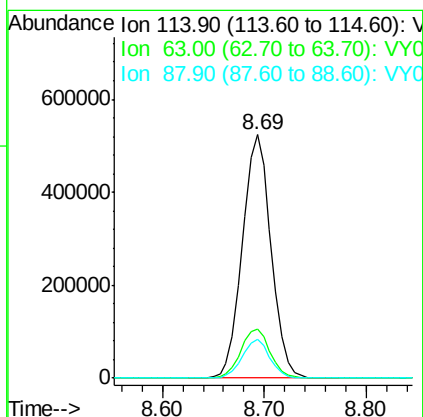
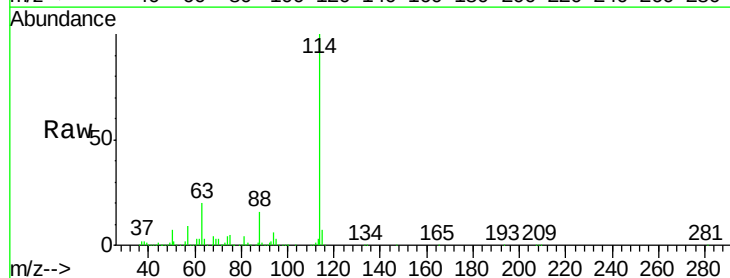
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY090420

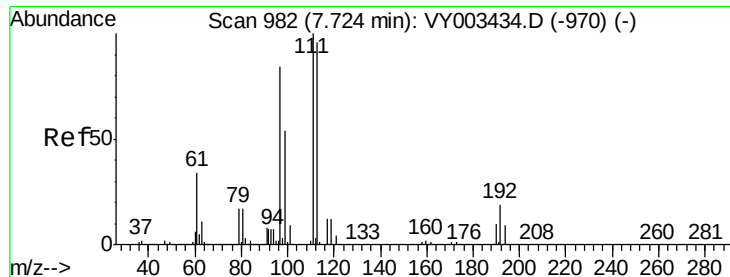
Tot Ion: 65 Resp: 340248
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003437.D
 Acq: 04 Sep 2020 18:19

Tgt Ion: 114 Resp: 1020881
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.6
 88 15.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.092 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY090420

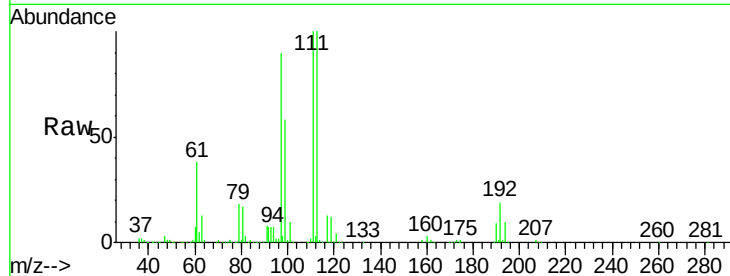
Tot Ion:113 Resp: 314804

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

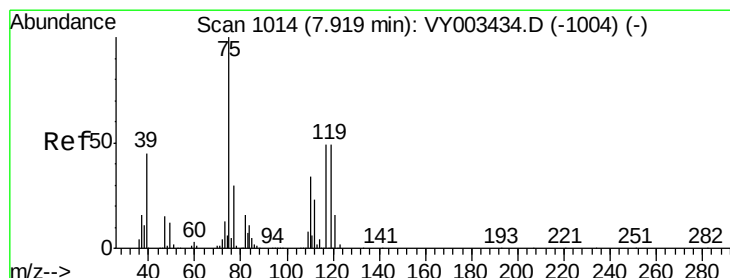
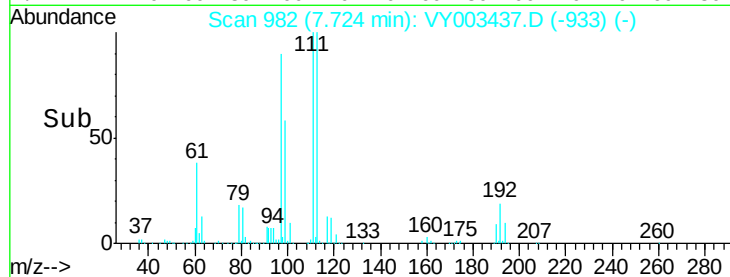
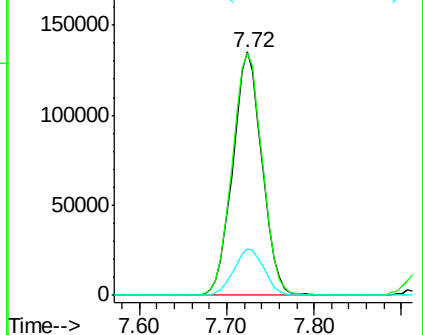
192 19.7 15.7 23.5



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: 49.907 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

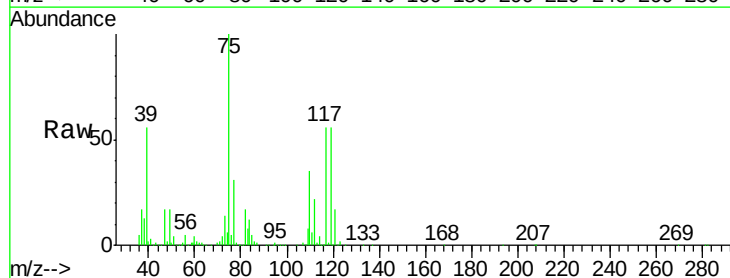
Tgt Ion: 75 Resp: 490130

Ion Ratio Lower Upper

75 100

110 34.8 17.8 53.5

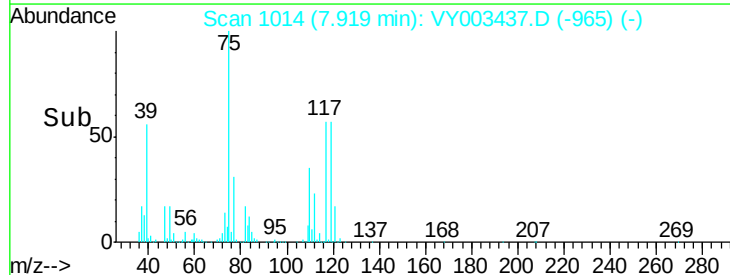
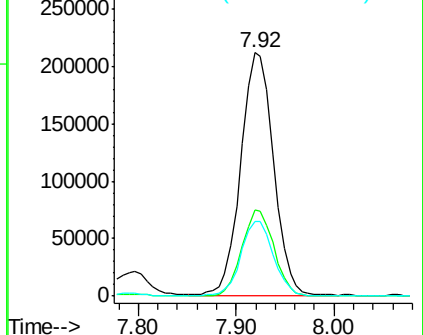
77 30.8 24.4 36.6

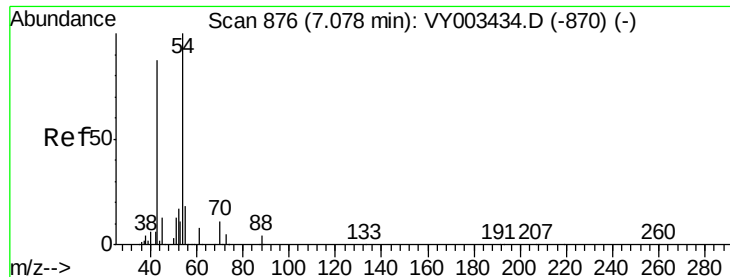


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

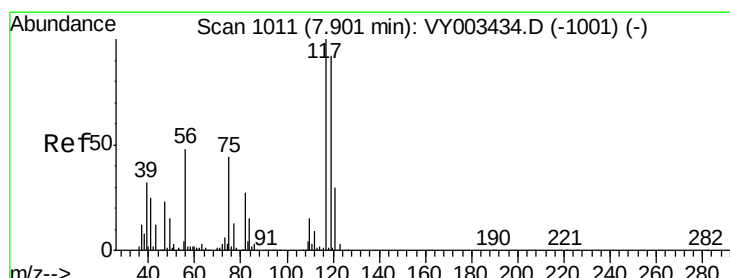
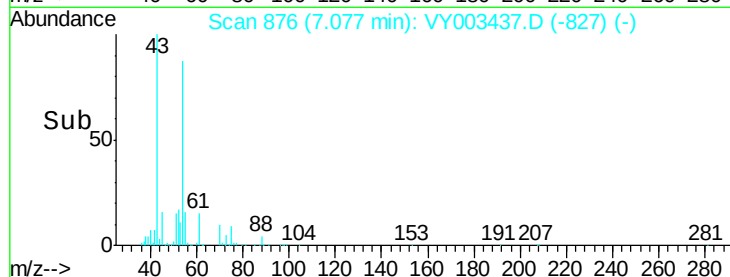
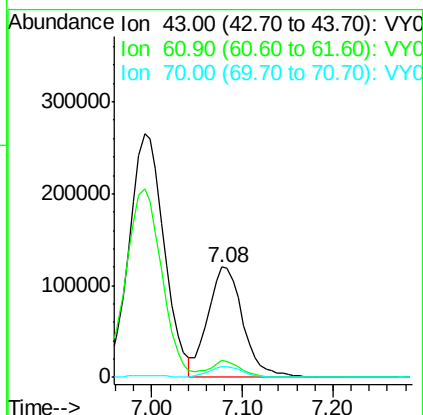
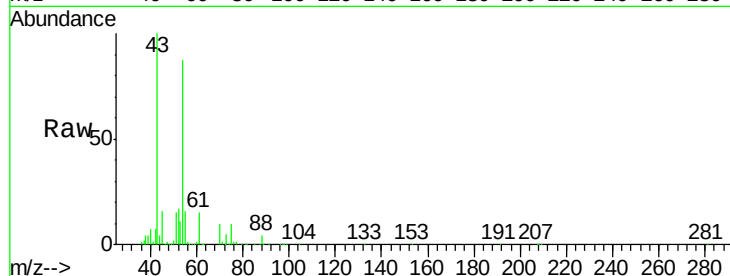




#37
Ethyl Acetate
Concen: 51.906 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

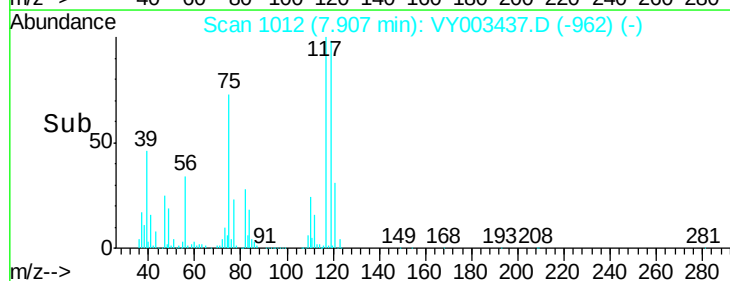
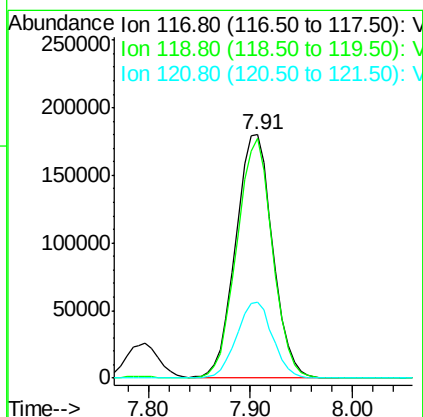
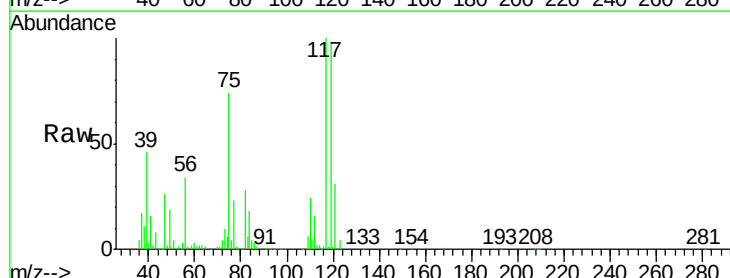
Instrument :
MSVOA_Y
ClientSampleId :
ICVY090420

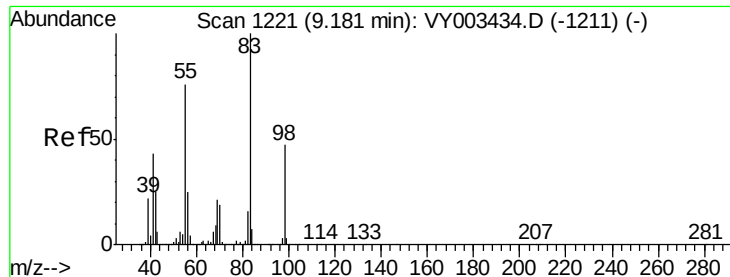
Tot Ion: 43 Resp: 322867
Ion Ratio Lower Upper
43 100
61 13.7 11.4 17.2
70 9.6 8.1 12.1



#38
Carbon Tetrachloride
Concen: 50.438 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

Tgt Ion: 117 Resp: 453636
Ion Ratio Lower Upper
117 100
119 98.3 73.4 110.2
121 31.0 24.0 36.0

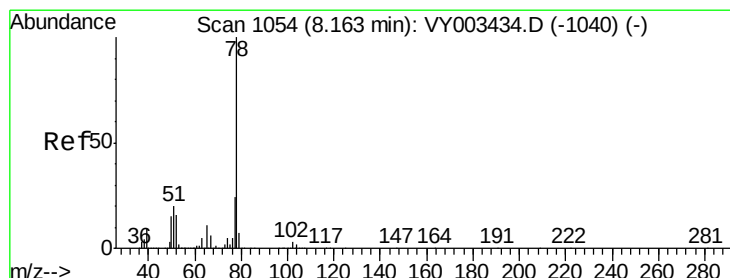
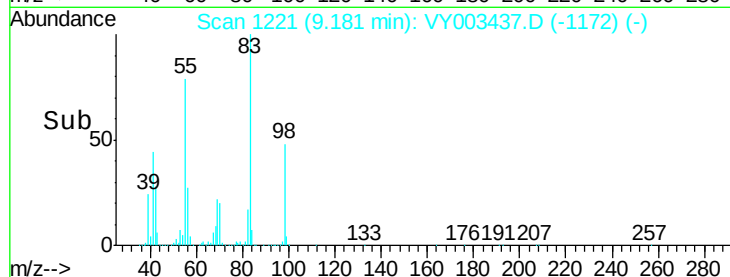
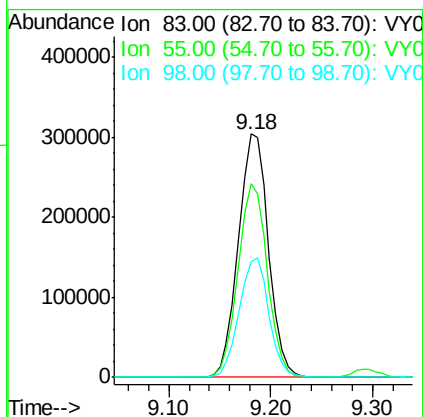
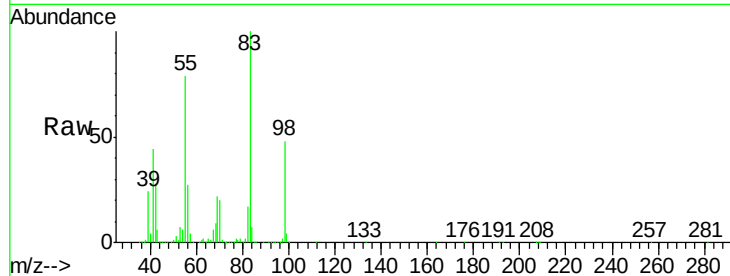




#39
Methvlcvclohexane
Concen: 48.804 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

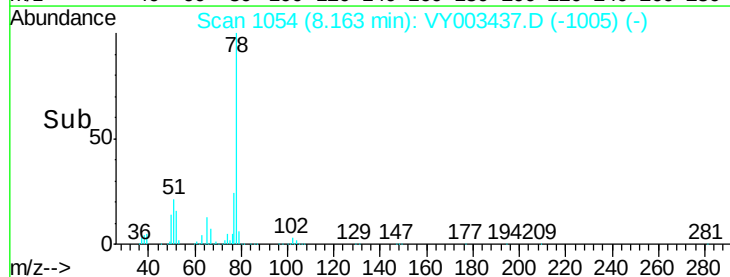
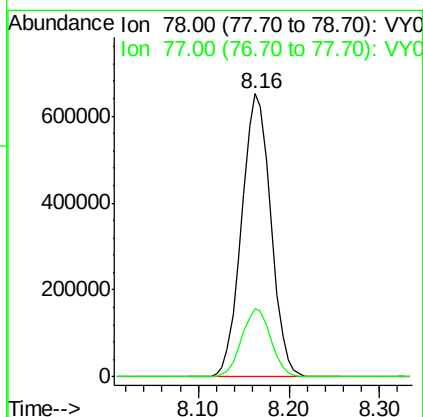
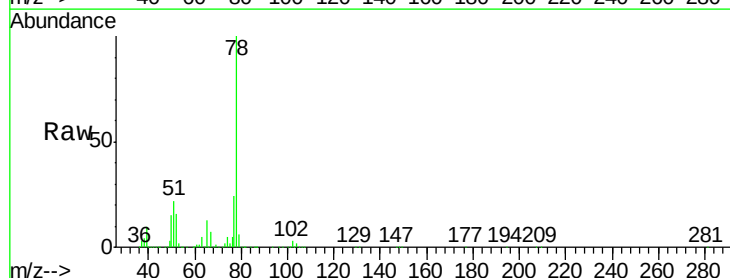
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY090420

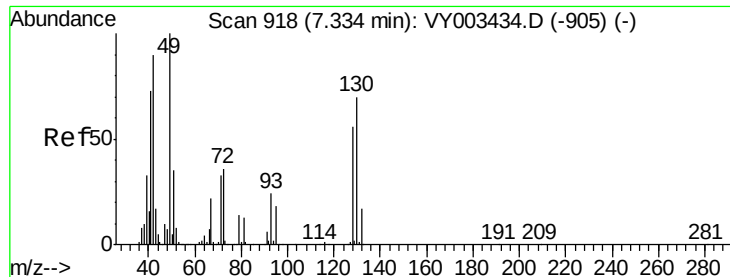
Tot Ion: 83 Resp: 620926
Ion Ratio Lower Upper
83 100
55 79.3 61.0 91.4
98 47.5 37.3 55.9



#40
Benzene
Concen: 49.640 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

Tgt Ion: 78 Resp: 1449364
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

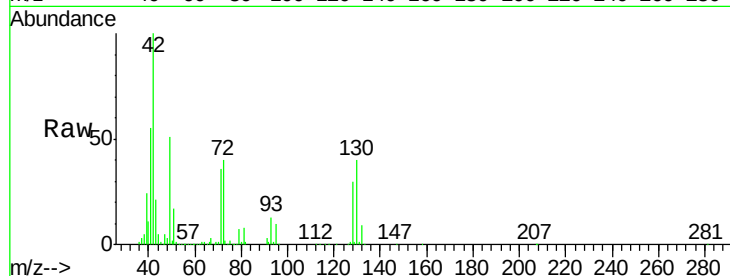




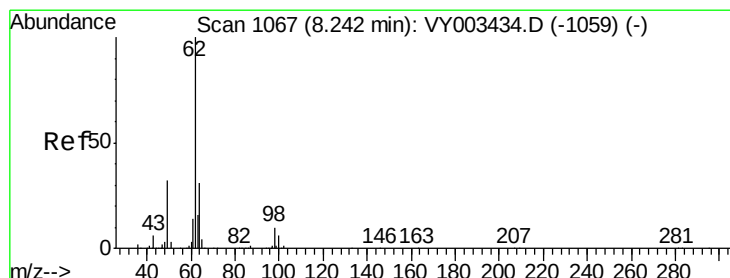
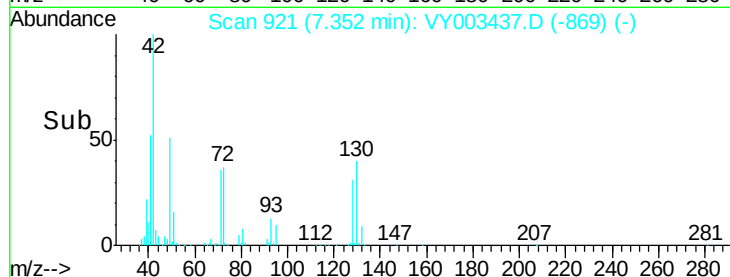
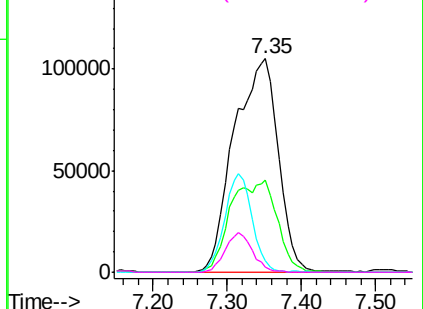
#41
Methacrylonitrile
Concen: 118.533 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

Instrument :
MSVOA_Y
ClientSampleId :
ICVY090420

Tot Ion:	41	Resp:	434817
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

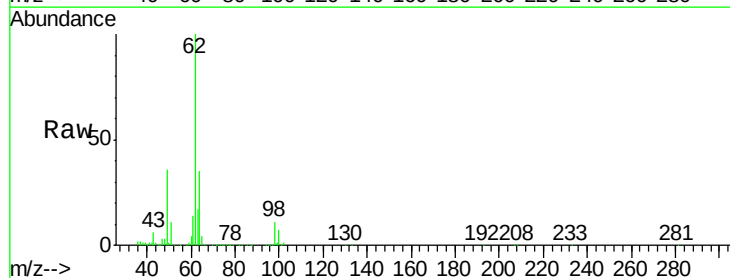


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

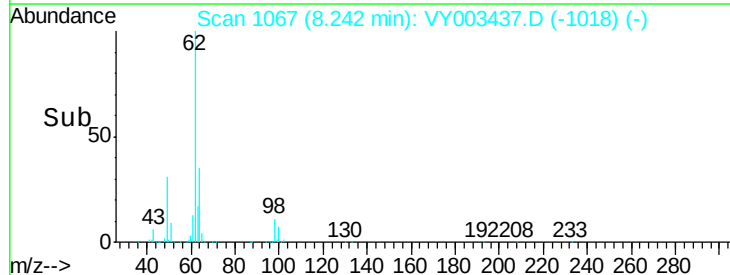
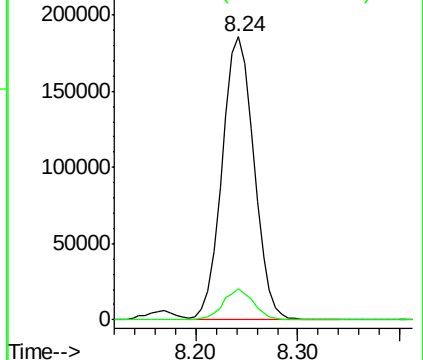


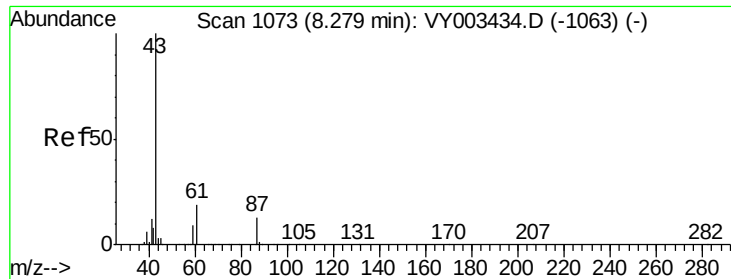
#42
1,2-Dichloroethane
Concen: 51.250 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

Tgt Ion:	62	Resp:	403046
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.4



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

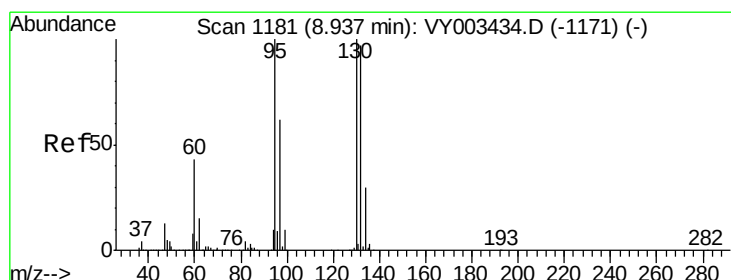
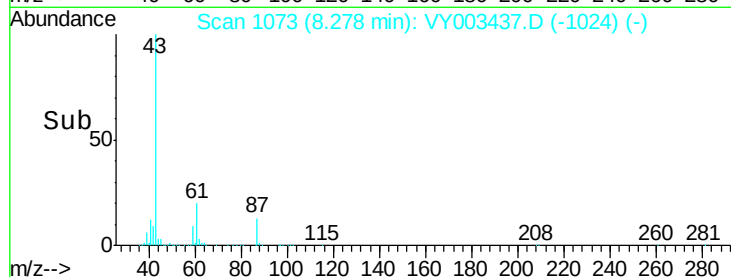
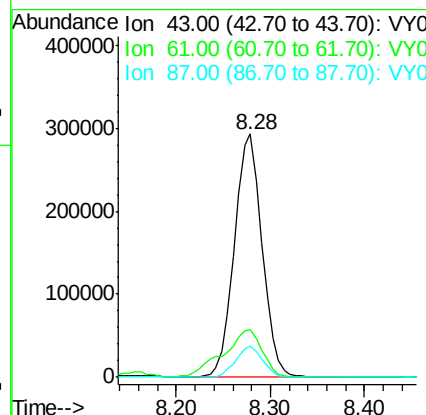
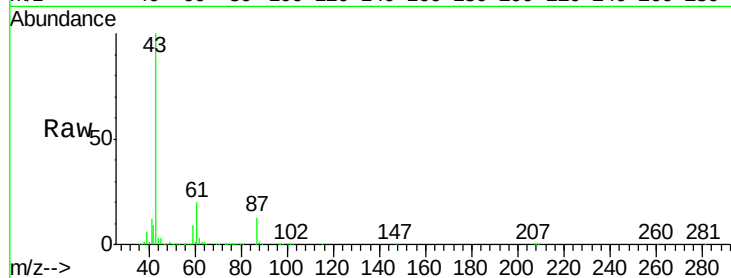




#43
Isopropyl Acetate
Concen: 52.401 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

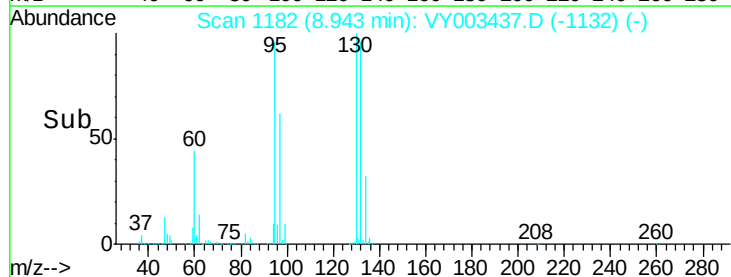
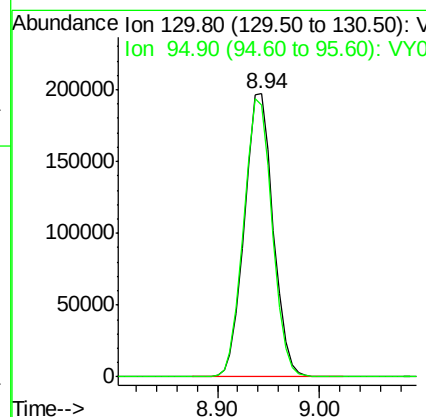
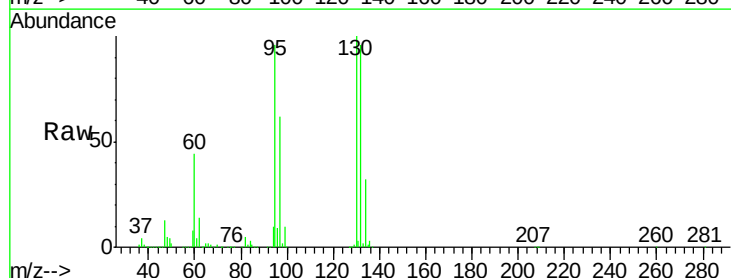
Instrument :
MSVOA_Y
ClientSampleId :
ICVY090420

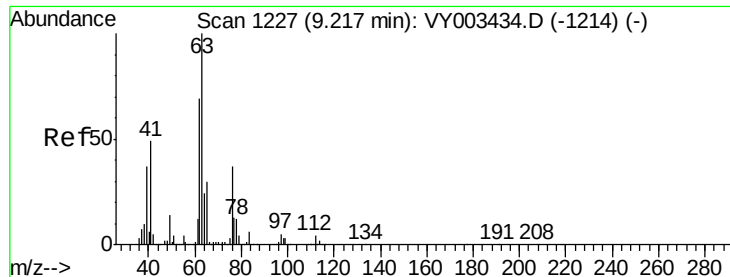
Tot Ion	43	Resp	598679
Ion Ratio	Lower	Upper	
43	100		
61	27.8	22.8	34.2
87	12.6	10.4	15.6



#44
Trichloroethene
Concen: 49.235 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

Tgt Ion	130	Resp	385256
Ion Ratio	Lower	Upper	
130	100		
95	96.1	0.0	199.4





#45

1,2-Dichloropropane

Concen: 50.551 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

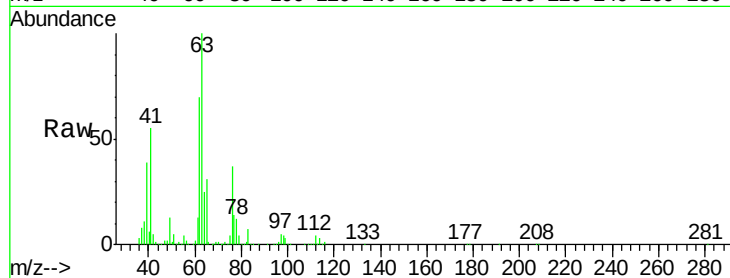
ICVY090420

Tot Ion: 63 Resp: 382327

Ion Ratio Lower Upper

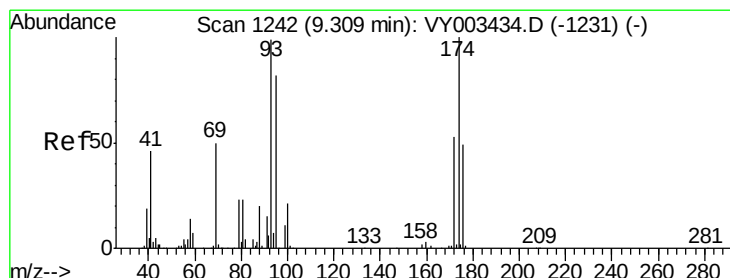
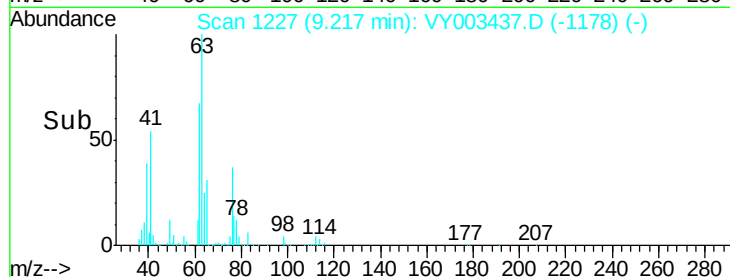
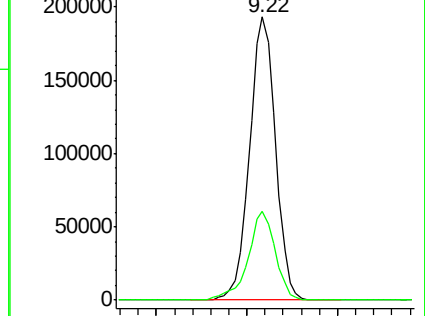
63 100

65 31.2 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 50.622 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

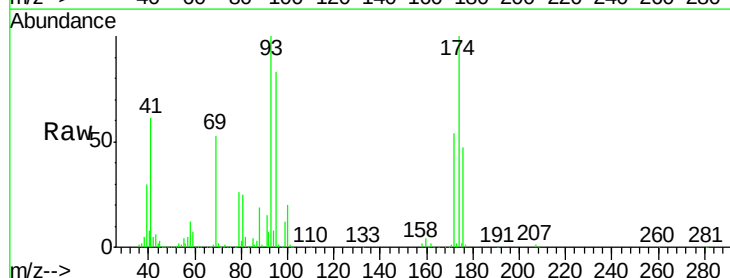
Tgt Ion: 93 Resp: 200376

Ion Ratio Lower Upper

93 100

95 82.6 66.6 99.8

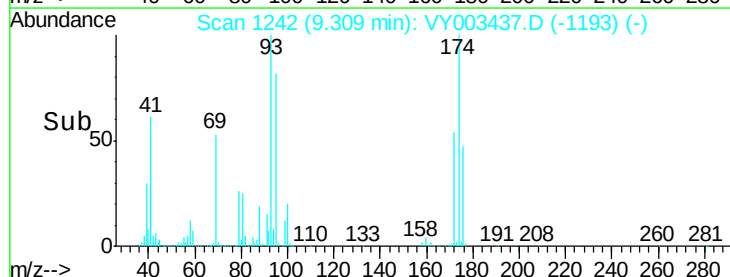
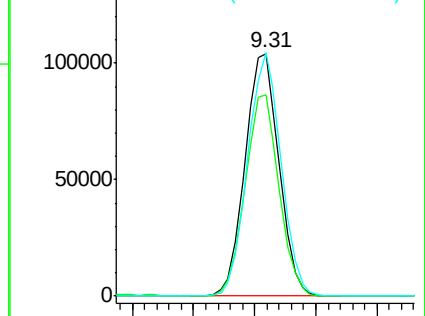
174 99.1 80.4 120.6

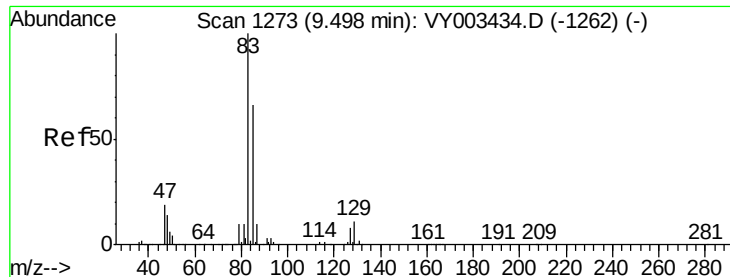


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.965 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY090420

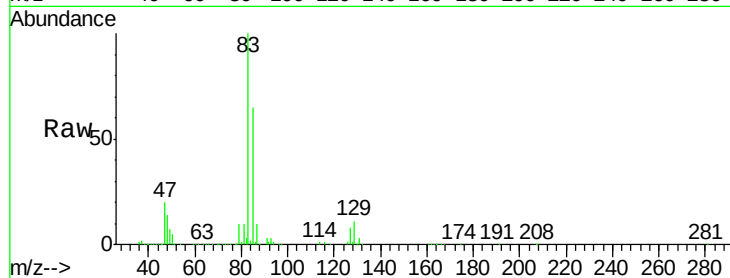
Tot Ion: 83 Resp: 476940

Ion Ratio Lower Upper

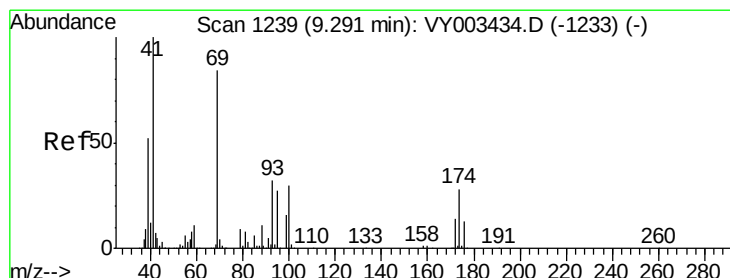
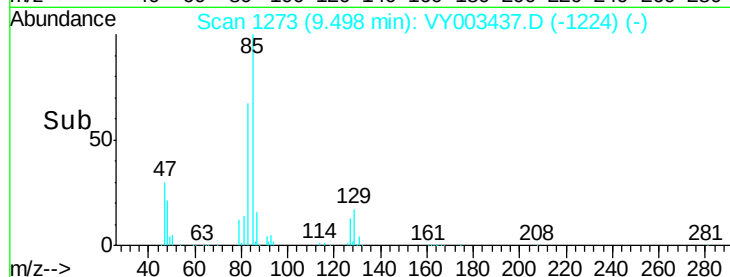
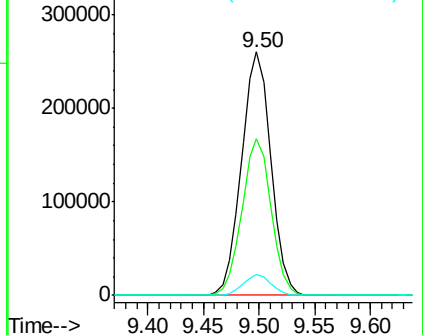
83 100

85 64.6 52.6 79.0

127 8.4 6.5 9.7



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): V



#48

Methyl methacrylate

Concen: 52.638 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

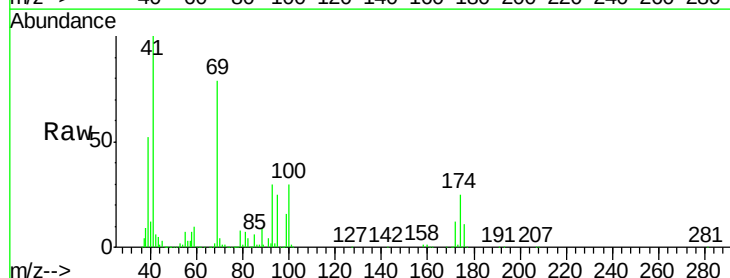
Tgt Ion: 41 Resp: 278537

Ion Ratio Lower Upper

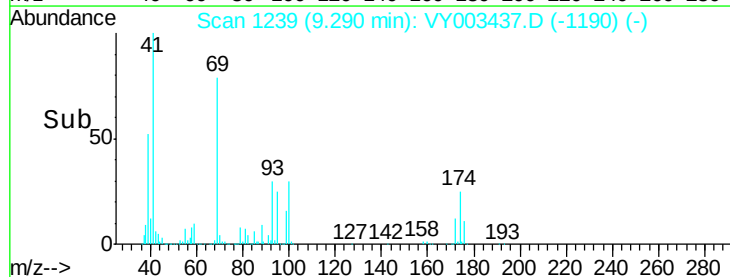
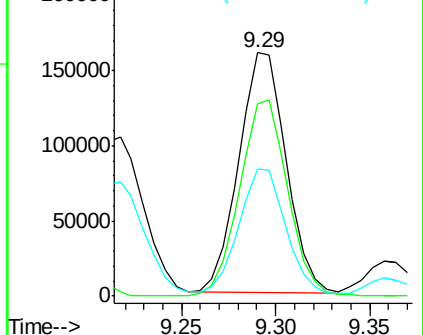
41 100

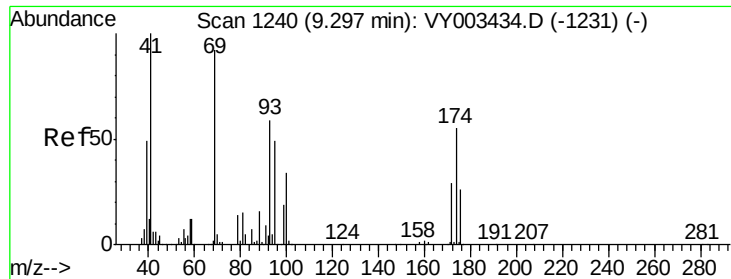
69 83.1 68.8 103.2

39 51.1 43.0 64.4



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

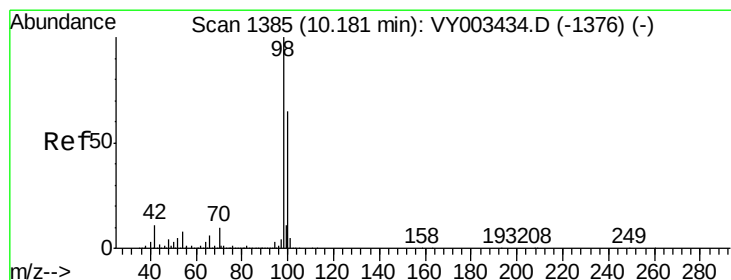
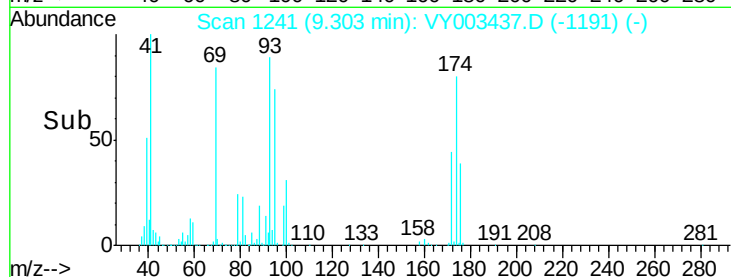
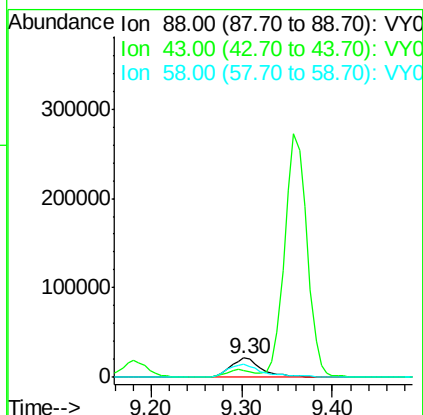
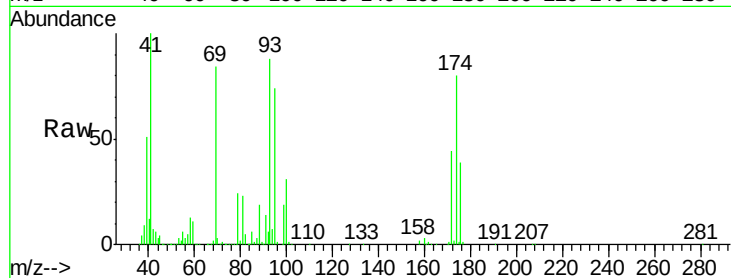




#49
1,4-Dioxane
Concen: 975.171 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

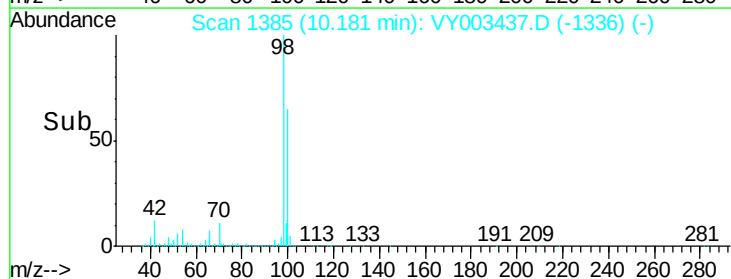
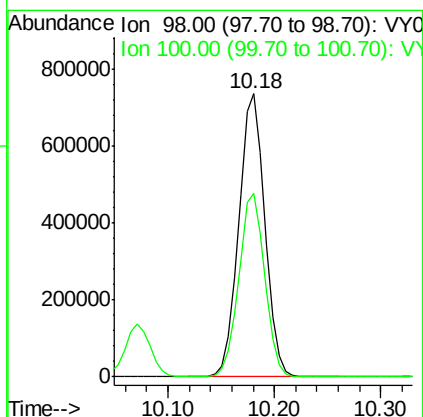
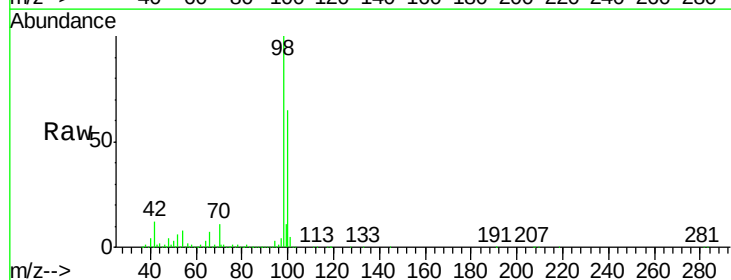
Instrument :
MSVOA_Y
ClientSampleId :
ICVY090420

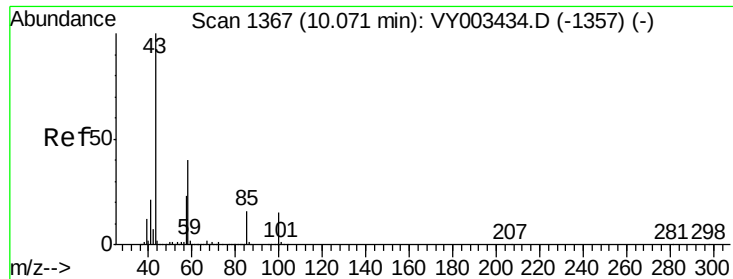
Tot Ion: 88 Resp: 53667
Ion Ratio Lower Upper
88 100
43 32.3 24.7 37.1
58 78.6 60.2 90.4



#50
Toluene-d8
Concen: 51.642 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

Tgt Ion: 98 Resp: 1266576
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

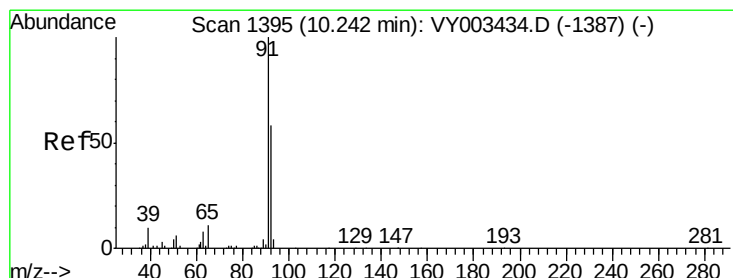
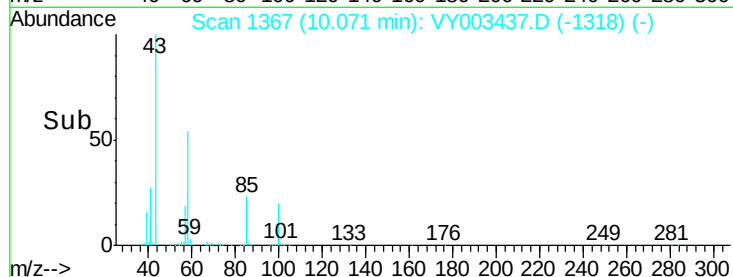
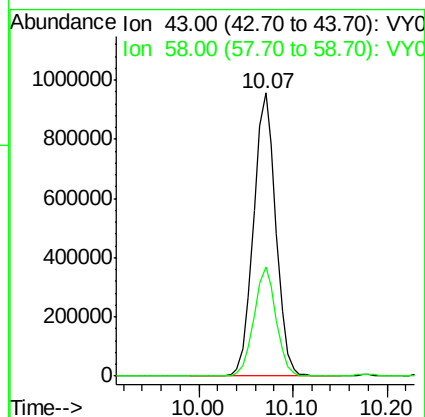
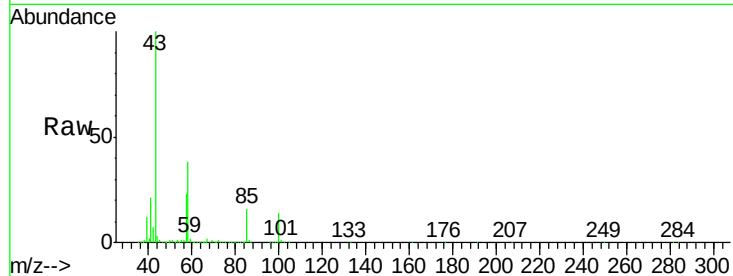




#51
4-Methyl-2-Pentanone
Concen: 260.424 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

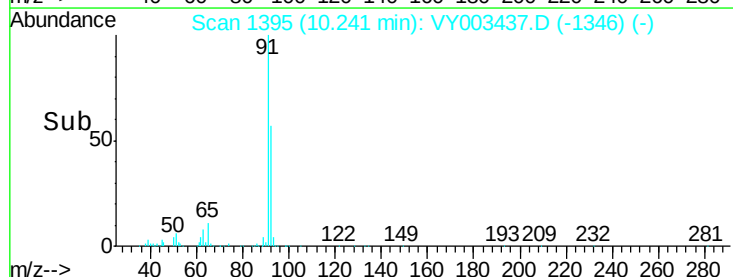
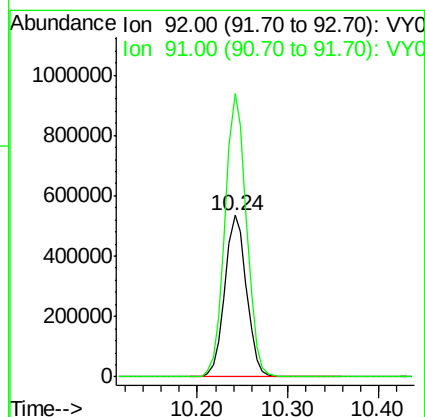
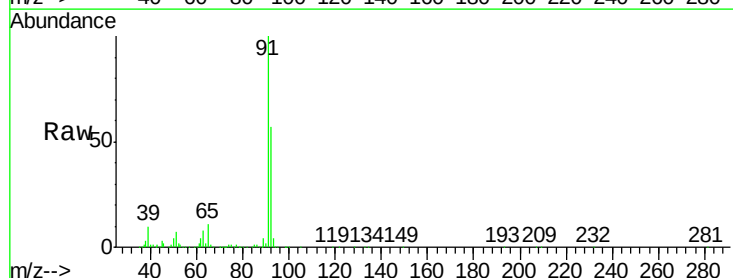
Instrument :
MSVOA_Y
ClientSampleId :
ICVY090420

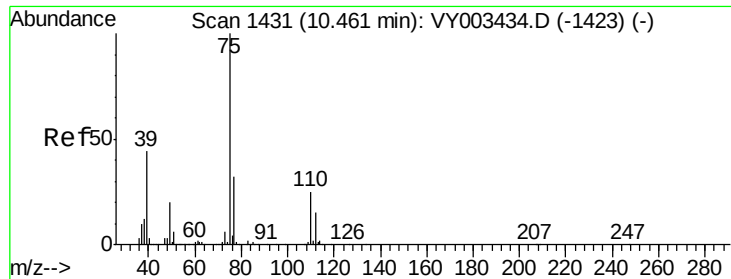
Tot Ion: 43 Resp: 1588988
Ion Ratio Lower Upper
43 100
58 38.1 31.3 46.9



#52
Toluene
Concen: 50.348 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

Tgt Ion: 92 Resp: 894565
Ion Ratio Lower Upper
92 100
91 173.4 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 51.547 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

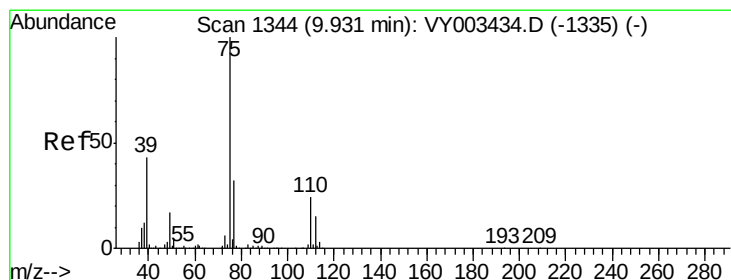
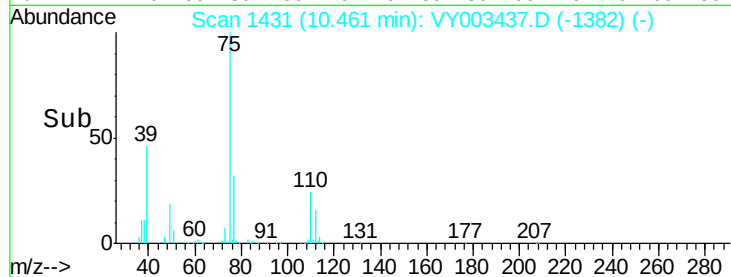
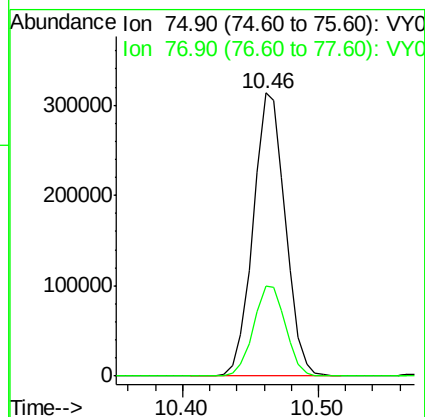
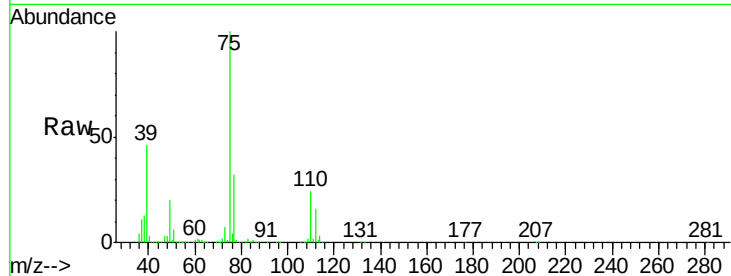
ICVY090420

Tot Ion: 75 Resp: 519185

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 50.952 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

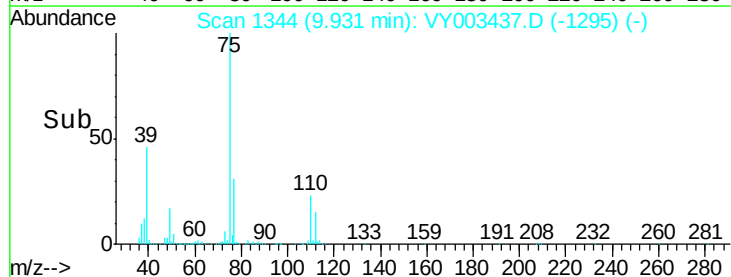
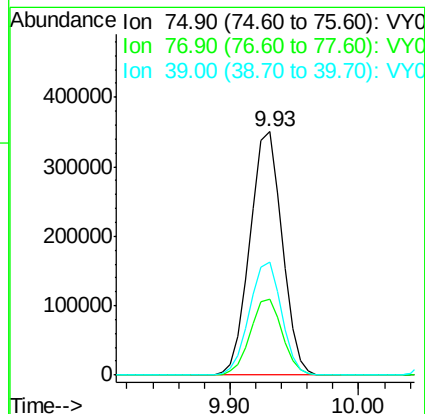
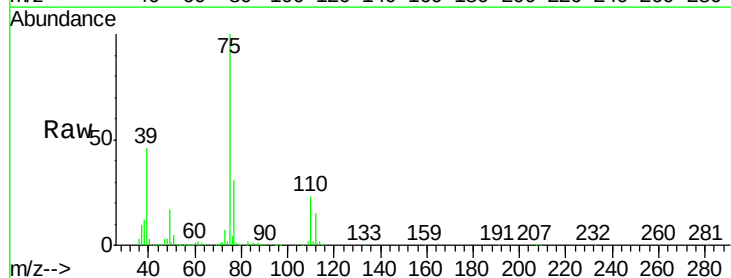
Tgt Ion: 75 Resp: 603085

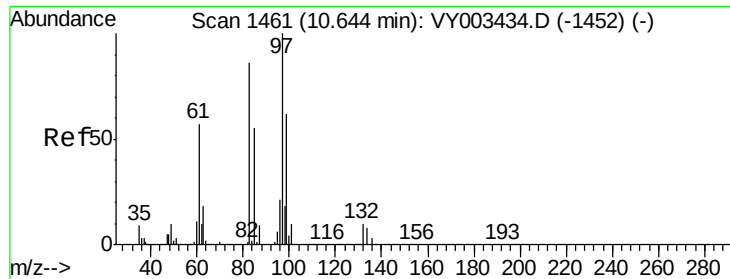
Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5

39 46.2 34.6 51.8

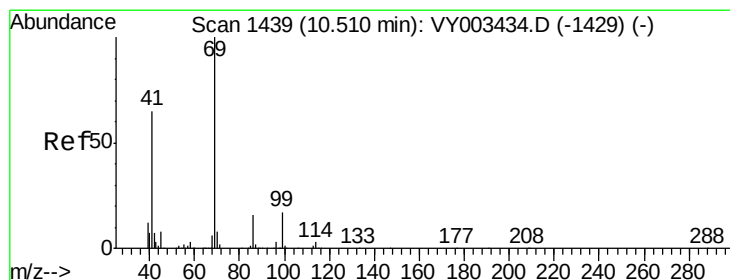
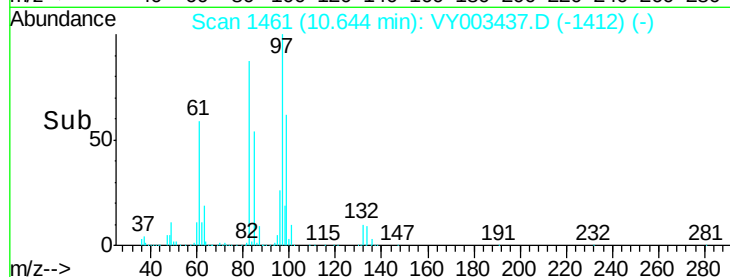
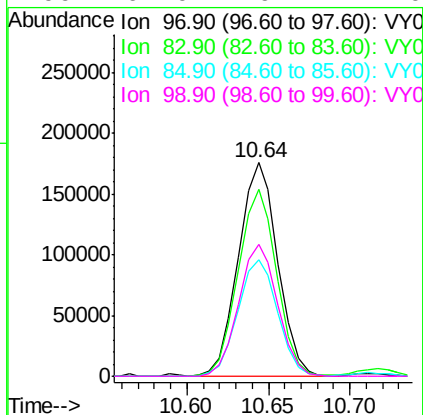
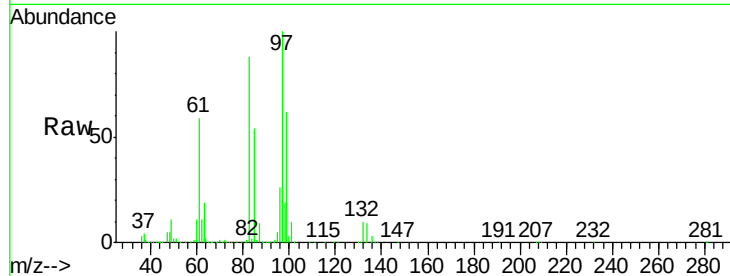




#55
 1,1,2-Trichloroethane
 Concen: 50.896 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003437.D
 Acq: 04 Sep 2020 18:19

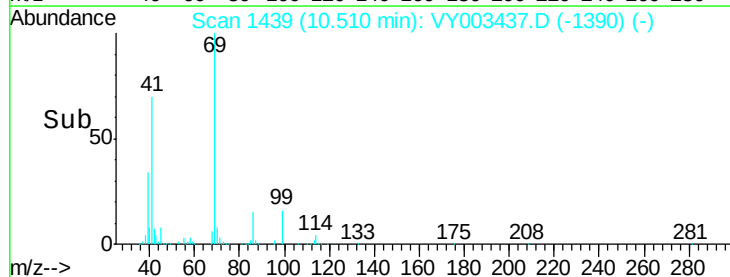
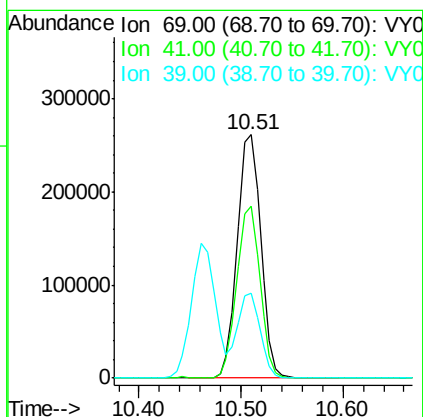
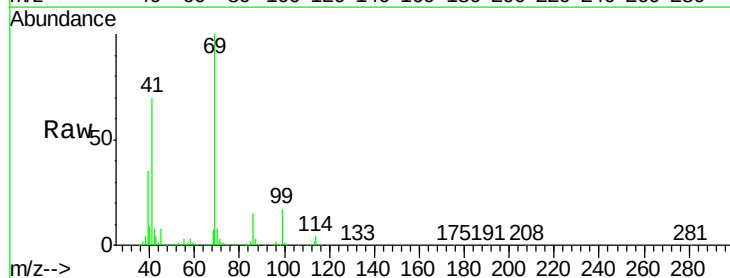
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY090420

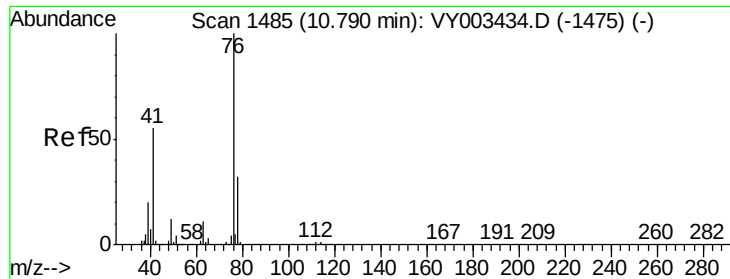
Tot Ion:	97	Resp:	292393
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.5	102.7
85	54.4	43.9	65.9
99	62.0	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 52.584 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003437.D
 Acq: 04 Sep 2020 18:19

Tgt Ion:	69	Resp:	418198
Ion	Ratio	Lower	Upper
69	100		
41	69.2	53.2	79.8
39	33.7	25.9	38.9





#57

1,3-Dichloropropane

Concen: 50.861 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

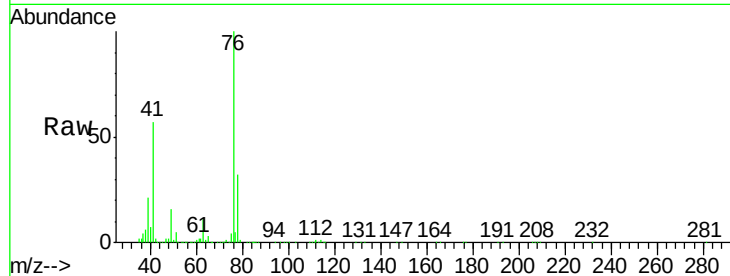
ICVY090420

Tot Ion: 76 Resp: 512570

Ion Ratio Lower Upper

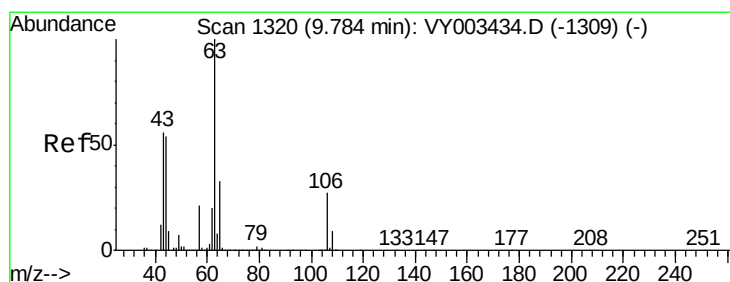
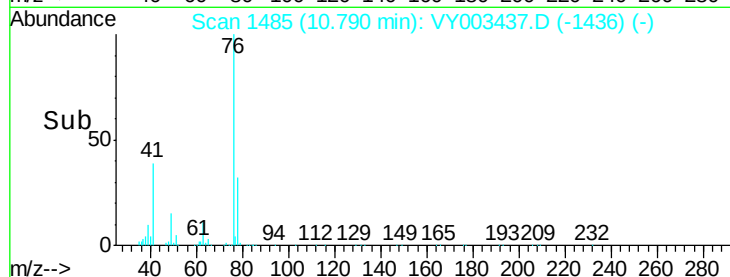
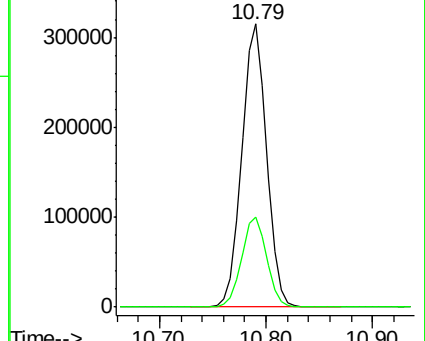
76 100

78 32.2 25.8 38.6



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: 270.199 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003437.D

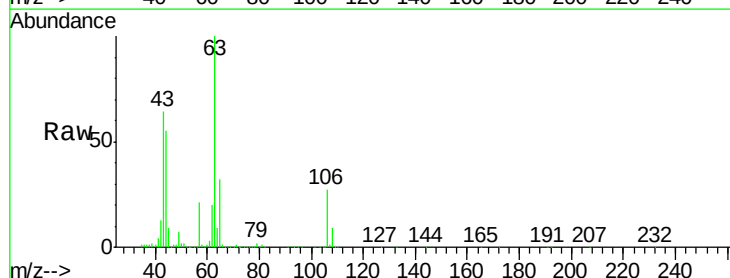
Acq: 04 Sep 2020 18:19

Tgt Ion: 63 Resp: 1144589

Ion Ratio Lower Upper

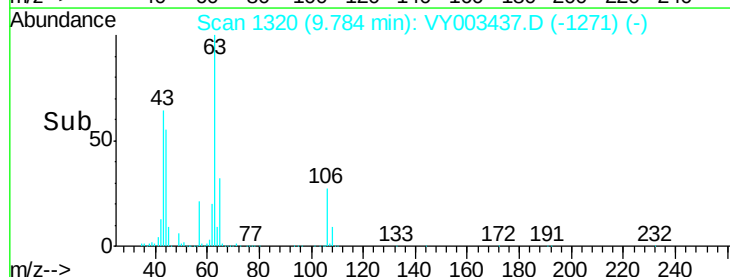
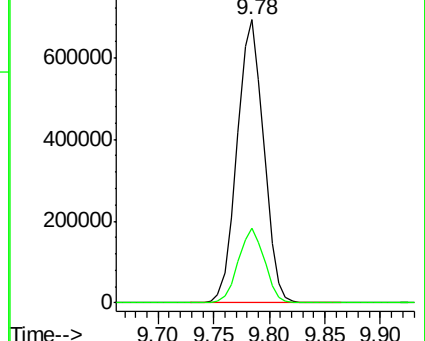
63 100

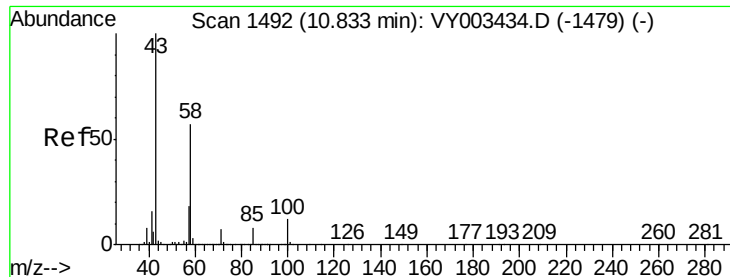
106 26.1 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

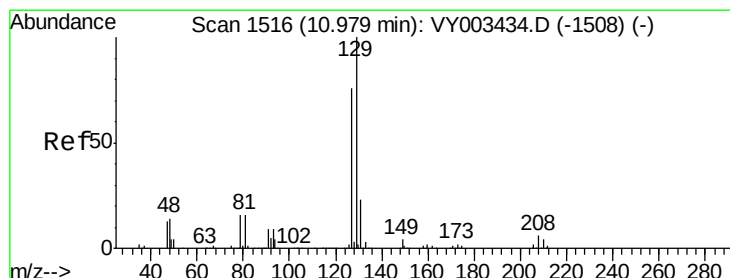
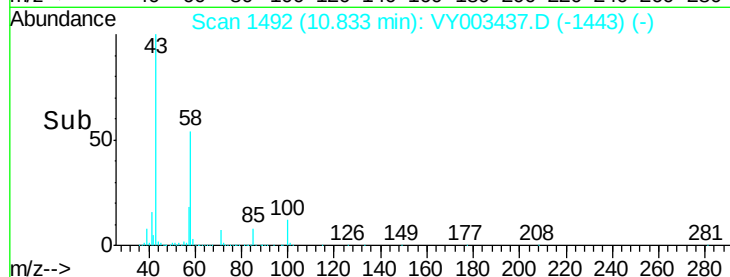
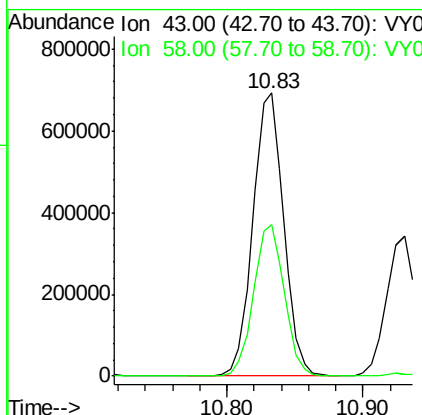
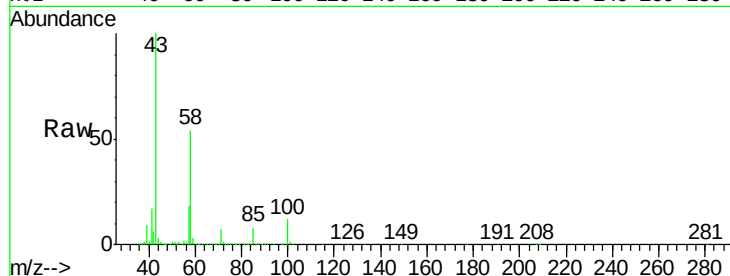




#59
2-Hexanone
Concen: 262.842 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

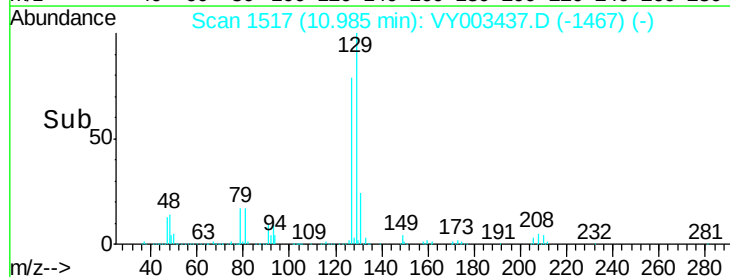
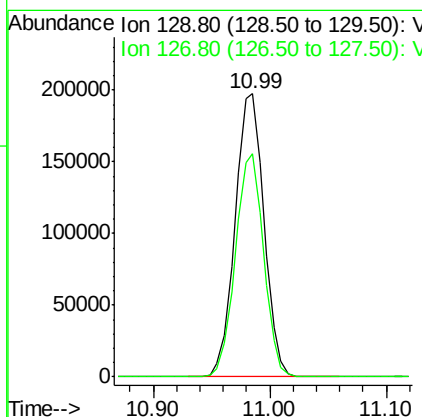
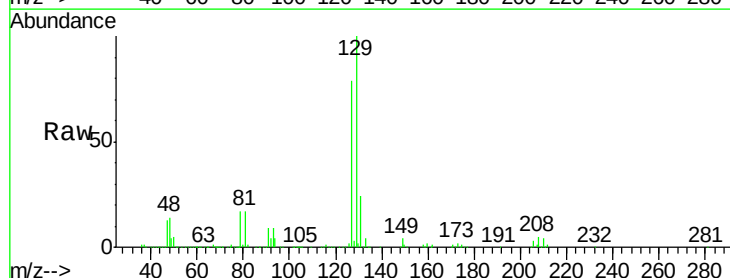
Instrument :
MSVOA_Y
ClientSampleId :
ICVY090420

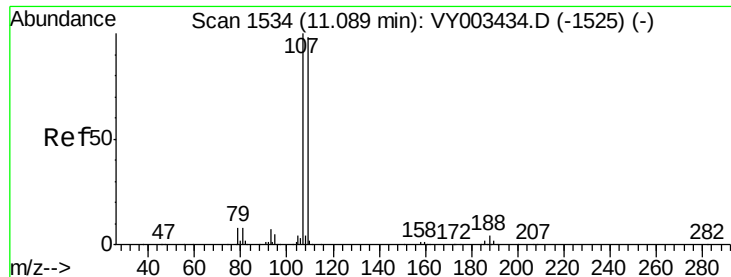
Tot Ion: 43 Resp: 1099439
Ion Ratio Lower Upper
43 100
58 53.5 27.8 83.3



#60
Dibromochloromethane
Concen: 51.773 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

Tgt Ion: 129 Resp: 341031
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.482 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

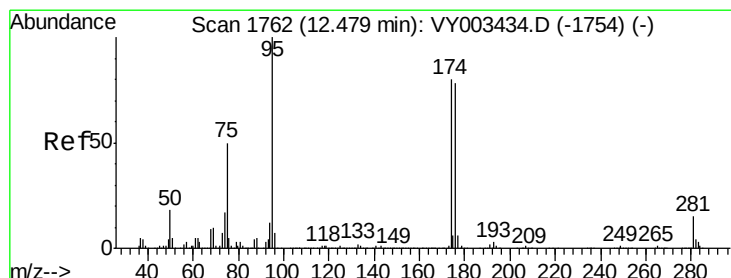
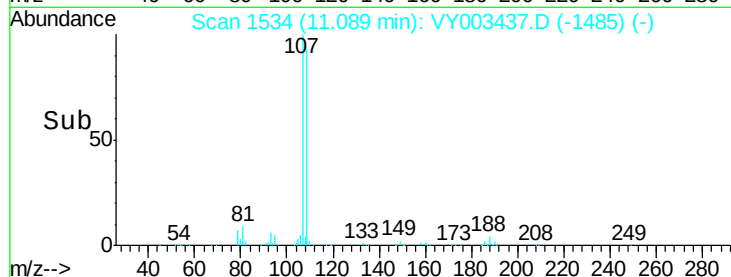
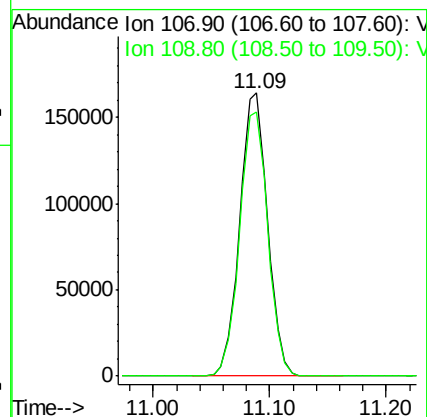
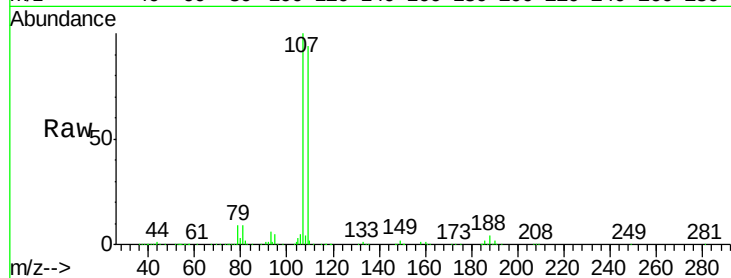
ICVVY090420

Tot Ion: 107 Resp: 273368

Ion Ratio Lower Upper

107 100

109 94.9 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 53.067 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

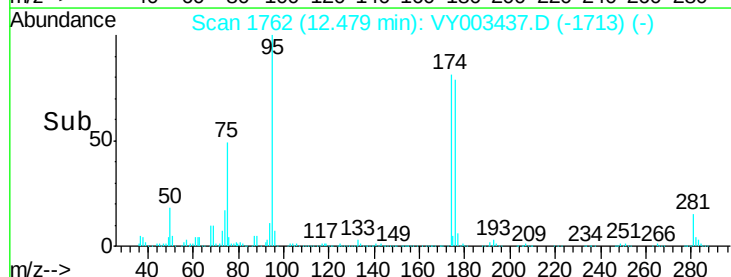
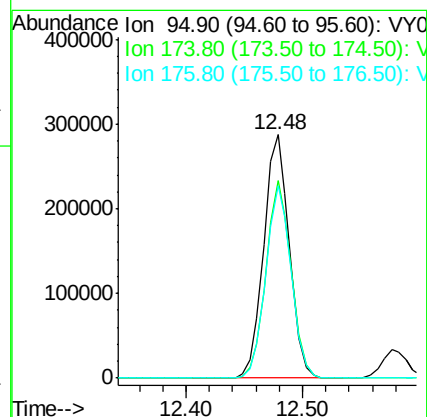
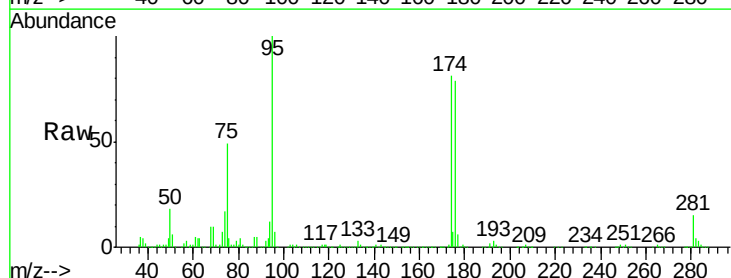
Tgt Ion: 95 Resp: 438616

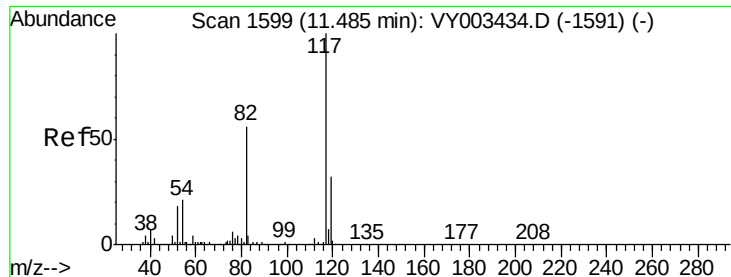
Ion Ratio Lower Upper

95 100

174 79.9 0.0 161.6

176 78.3 0.0 157.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY090420

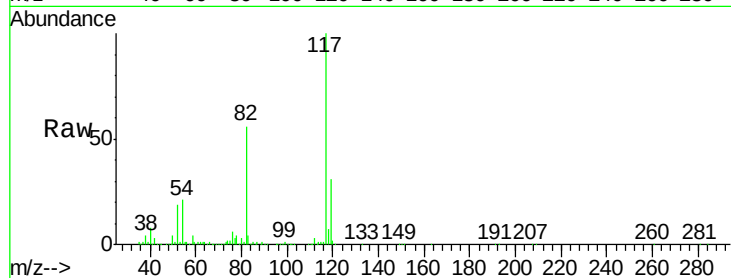
Tot Ion:117 Resp: 920285

Ion Ratio Lower Upper

117 100

82 56.0 44.8 67.2

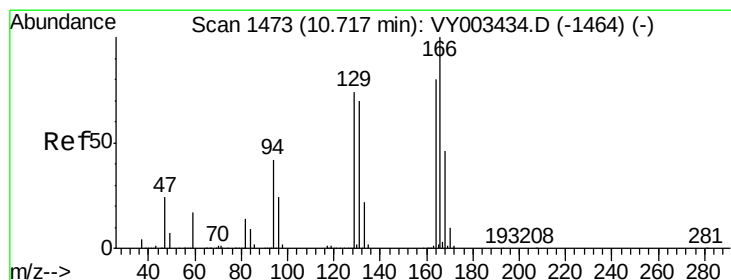
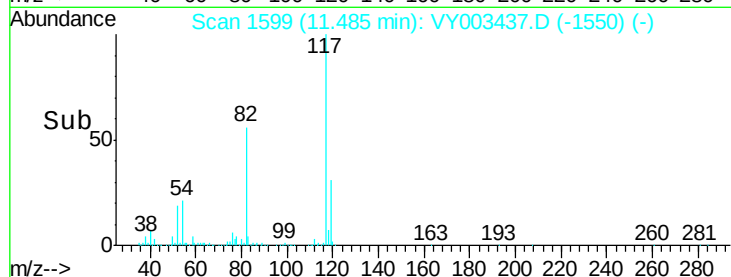
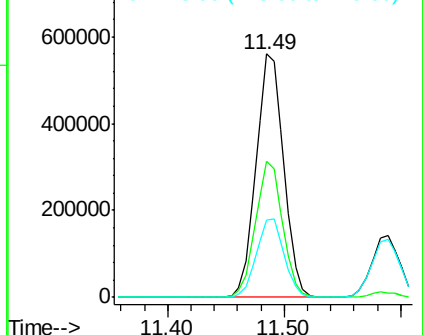
119 31.5 25.9 38.9



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: 49.149 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Tgt Ion:164 Resp: 372655

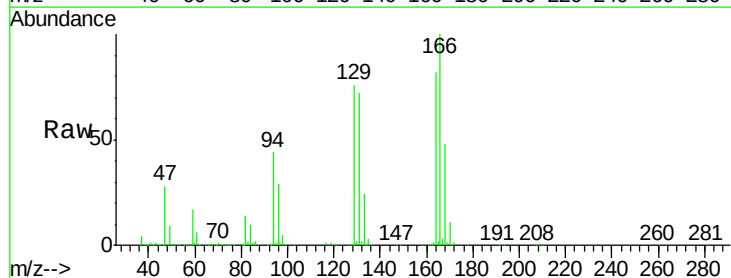
Ion Ratio Lower Upper

164 100

166 121.6 99.4 149.2

129 92.5 73.8 110.8

131 87.7 69.3 103.9

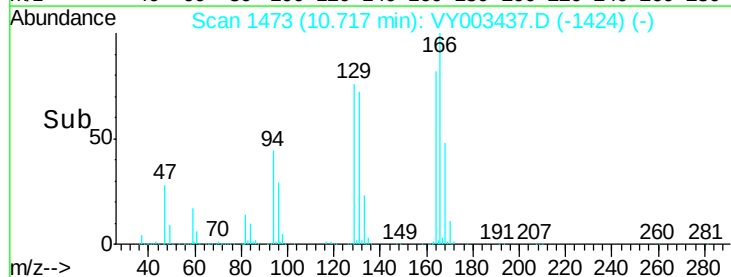
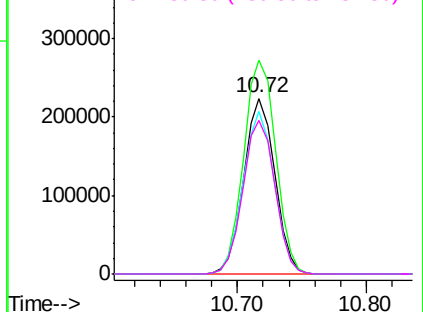


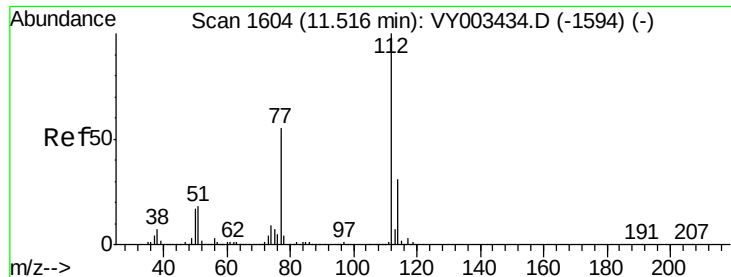
Abundance Ion 163.80 (163.50 to 164.50): V

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

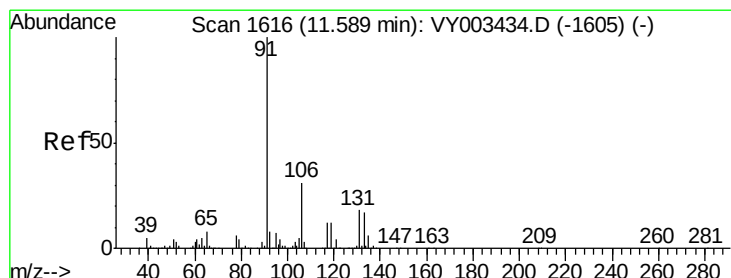
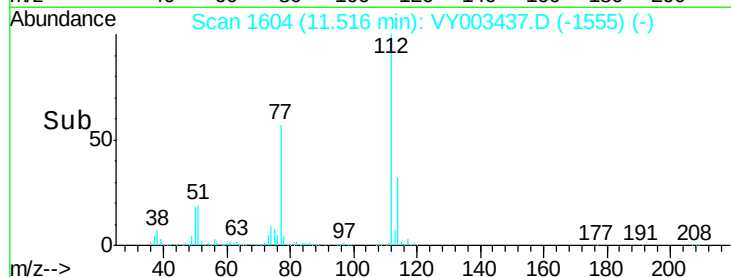
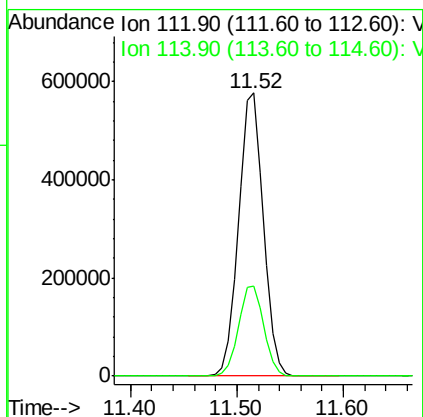
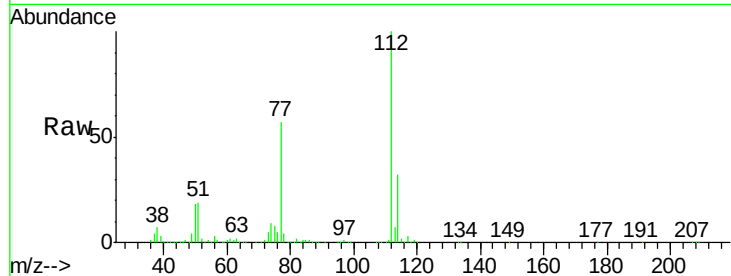




#65
Chlorobenzene
Concen: 49.705 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

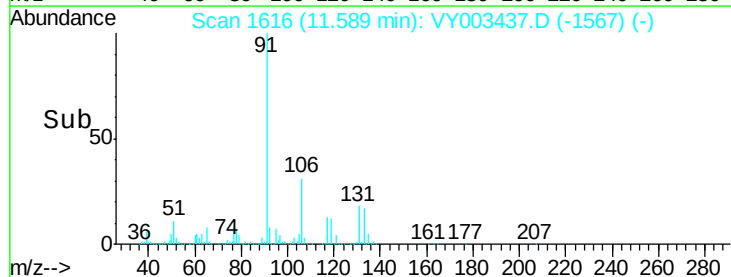
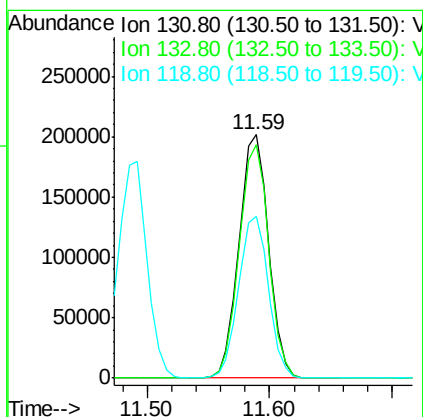
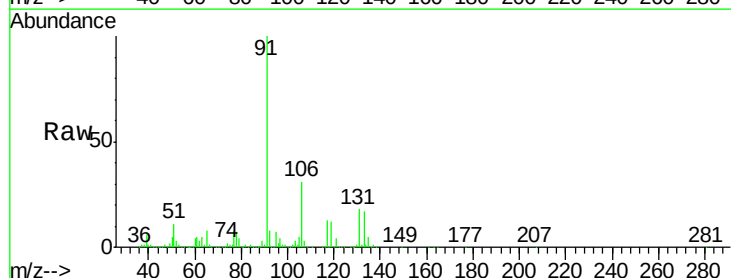
Instrument :
MSVOA_Y
ClientSampleId :
ICVY090420

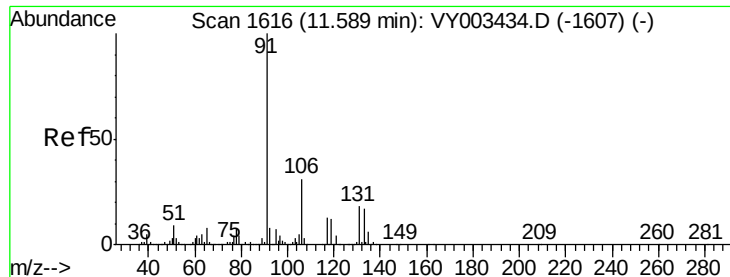
Tot Ion:112 Resp: 943368
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.805 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

Tgt Ion:131 Resp: 338040
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.3
119 67.3 34.3 102.9

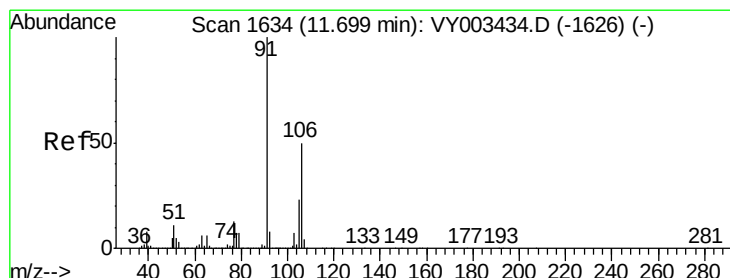
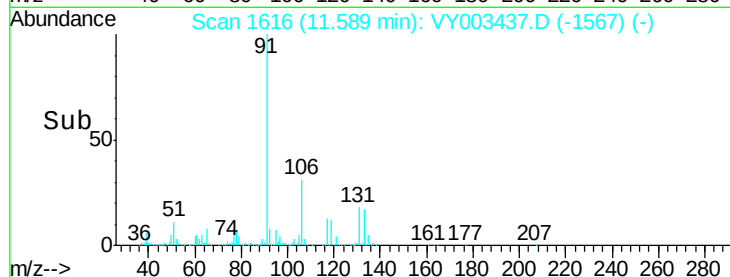
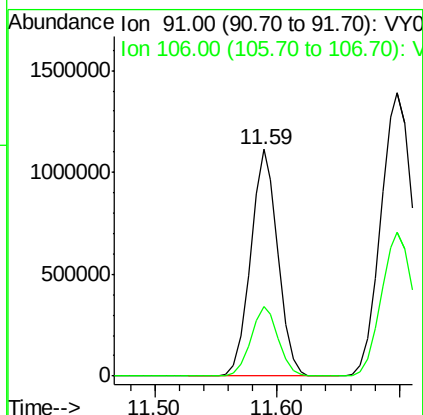
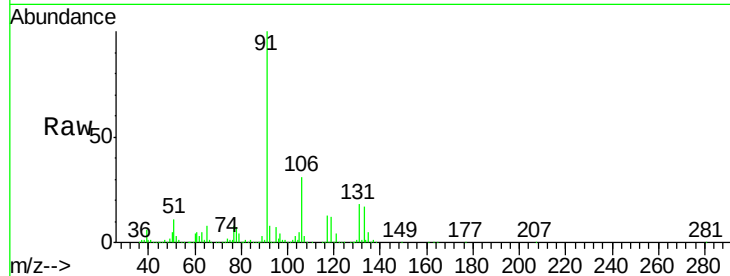




#67
Ethyl Benzene
Concen: 50.498 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

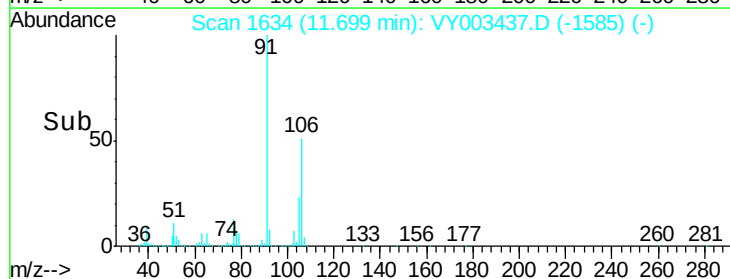
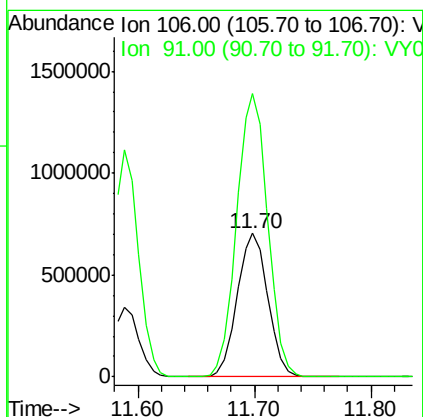
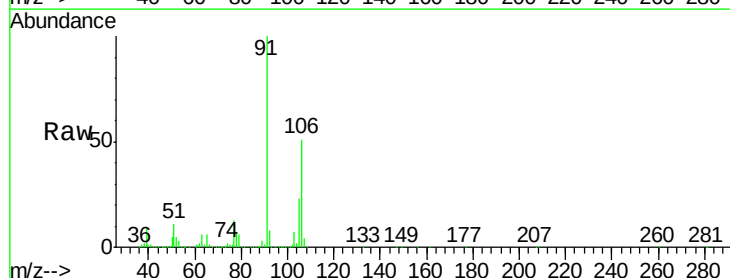
Instrument :
MSVOA_Y
ClientSampleId :
ICVY090420

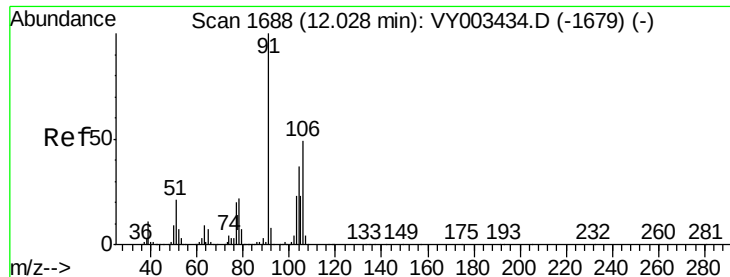
Tot Ion: 91 Resp: 1716816
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8



#68
m/p-Xylenes
Concen: 101.101 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

Tgt Ion: 106 Resp: 1290851
Ion Ratio Lower Upper
106 100
91 199.0 159.5 239.3

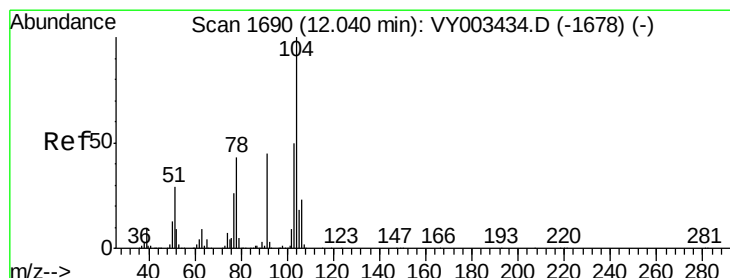
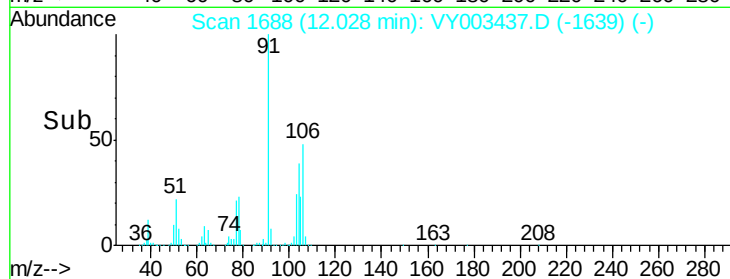
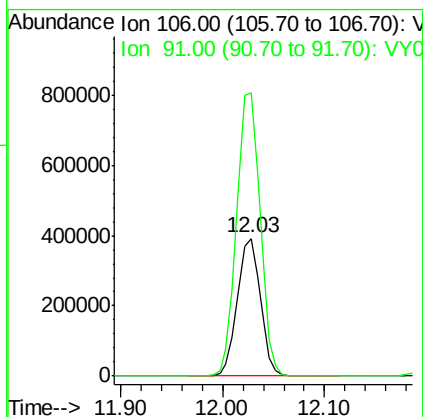
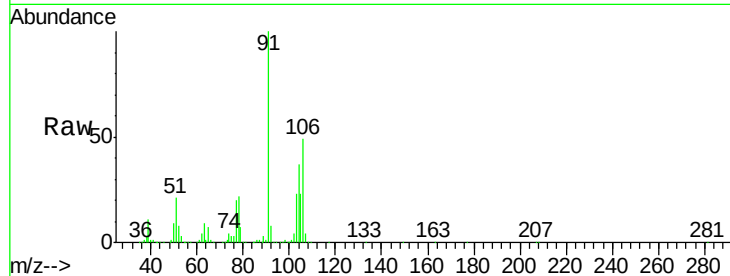




#69
o-Xylene
Concen: 50.391 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

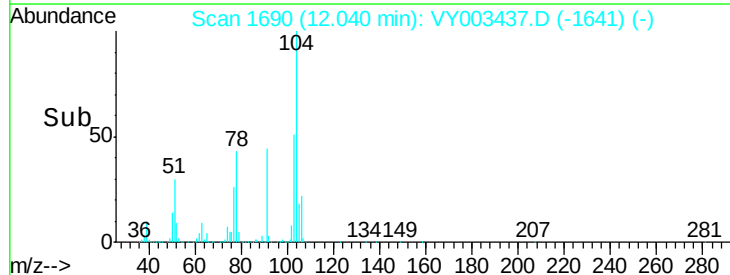
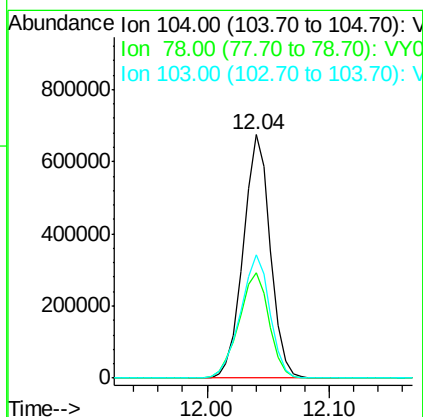
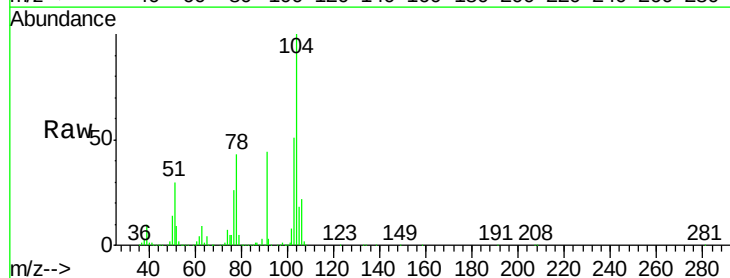
Instrument :
MSVOA_Y
ClientSampleId :
ICVY090420

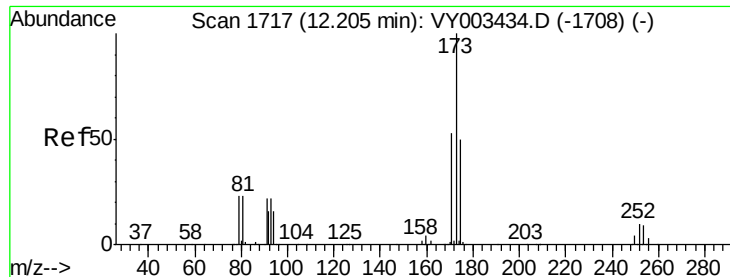
Tot Ion:106 Resp: 609925
Ion Ratio Lower Upper
106 100
91 210.2 104.7 313.9



#70
Styrene
Concen: 51.000 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

Tgt Ion:104 Resp: 1034947
Ion Ratio Lower Upper
104 100
78 48.3 38.1 57.1
103 54.9 43.8 65.6





#71

Bromoform

Concen: 51.561 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY090420

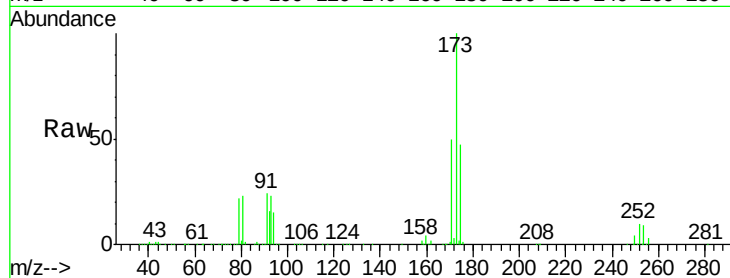
Tot Ion:173 Resp: 206524

Ion Ratio Lower Upper

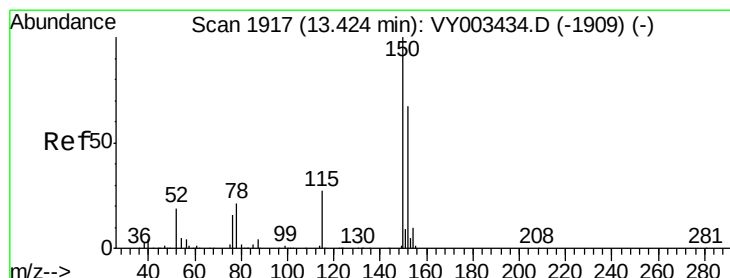
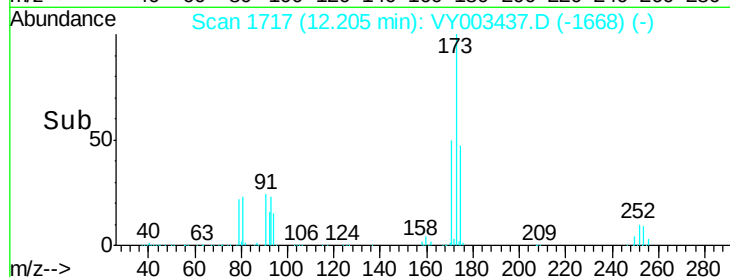
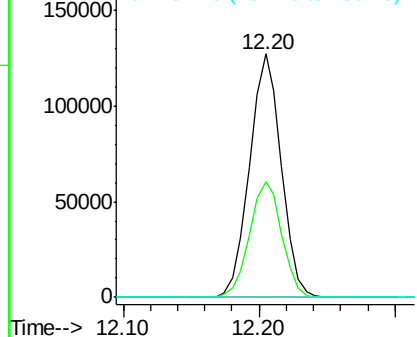
173 100

175 48.5 24.3 73.0

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

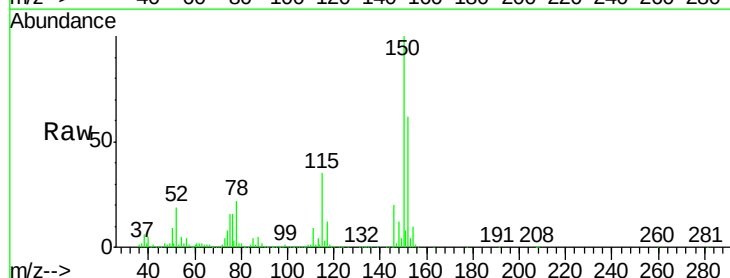
Tgt Ion:152 Resp: 443178

Ion Ratio Lower Upper

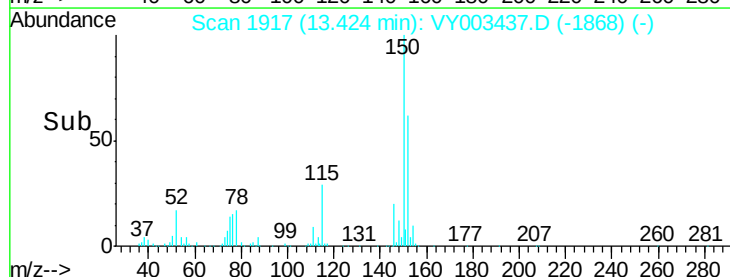
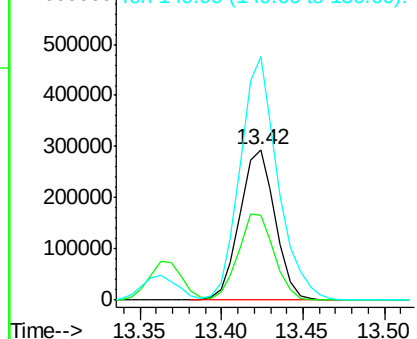
152 100

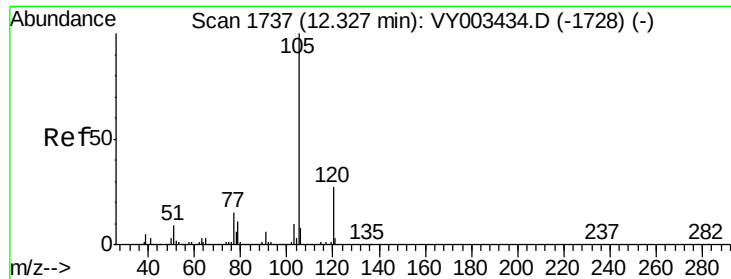
115 58.0 28.9 86.8

150 172.1 0.0 350.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.377 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

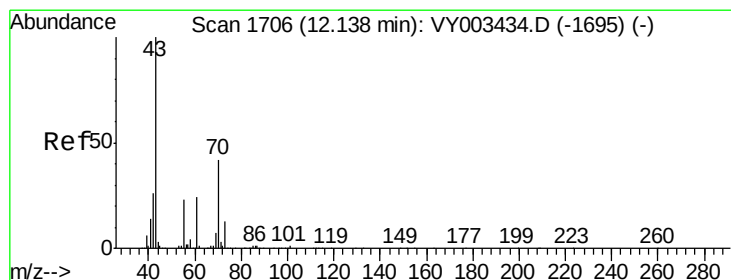
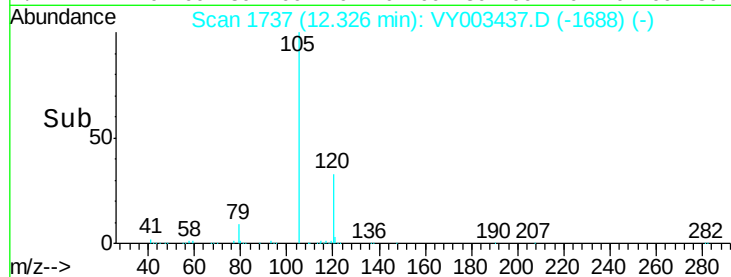
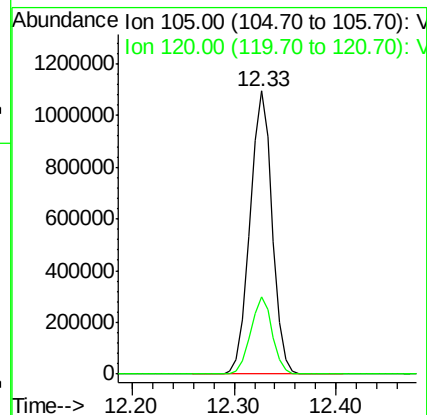
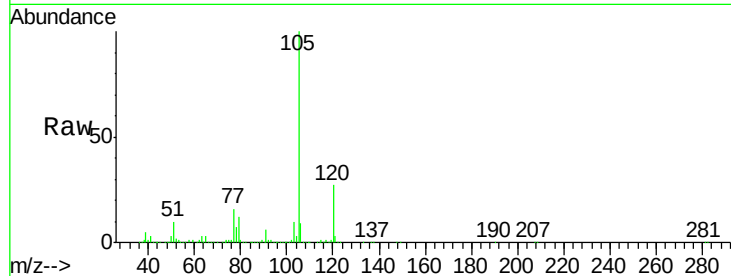
ICVY090420

Tot Ion:105 Resp: 1648293

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 52.439 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Tgt Ion: 43 Resp: 533921

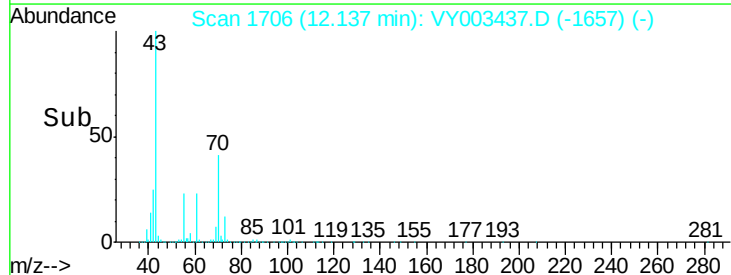
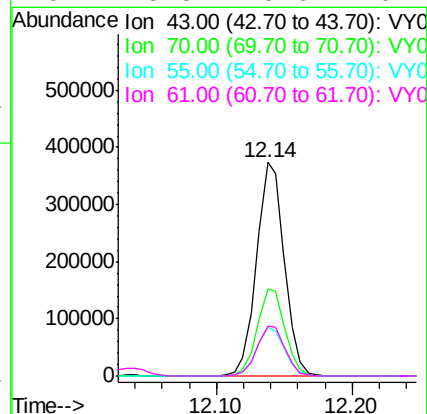
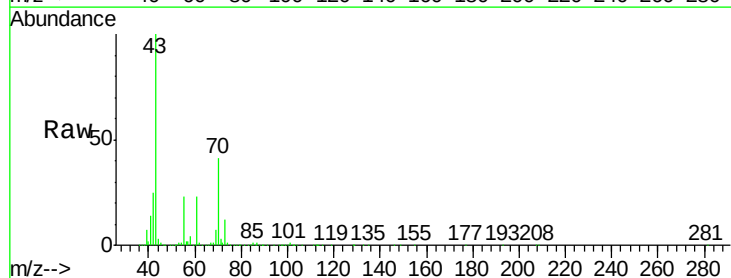
Ion Ratio Lower Upper

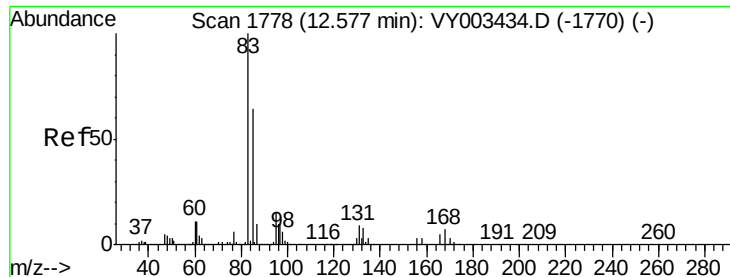
43 100

70 41.2 33.7 50.5

55 23.1 18.4 27.6

61 23.8 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.955 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY090420

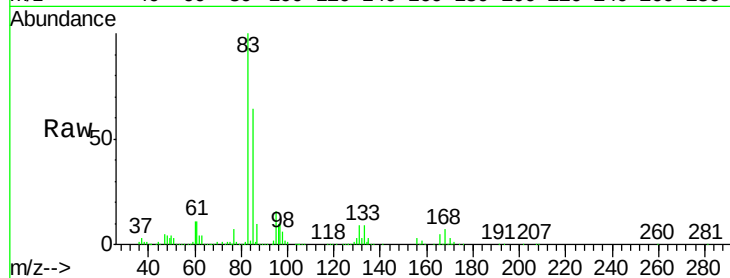
Tot Ion: 83 Resp: 337943

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

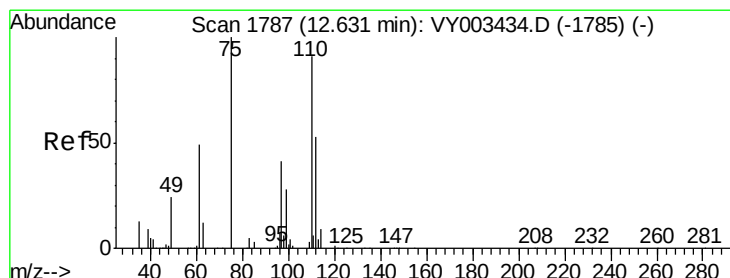
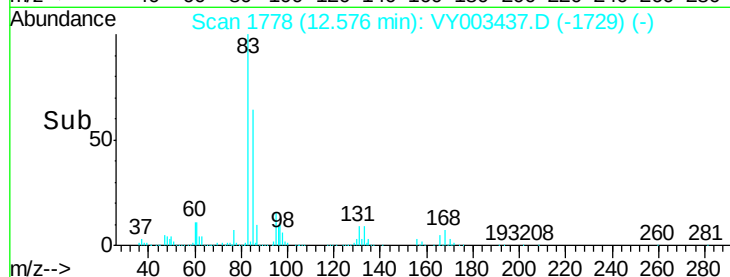
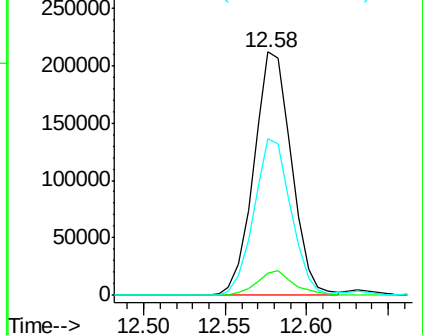
85 63.7 32.1 96.3



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: 95.655 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003437.D

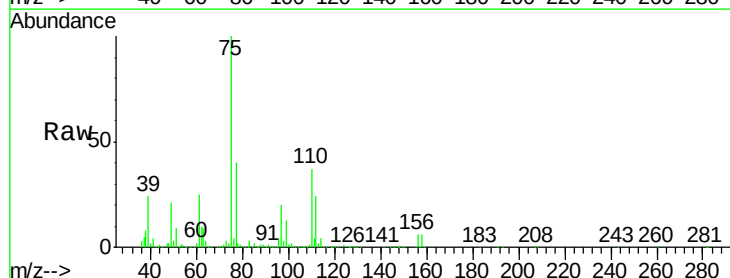
Acq: 04 Sep 2020 18:19

Tgt Ion: 75 Resp: 461037

Ion Ratio Lower Upper

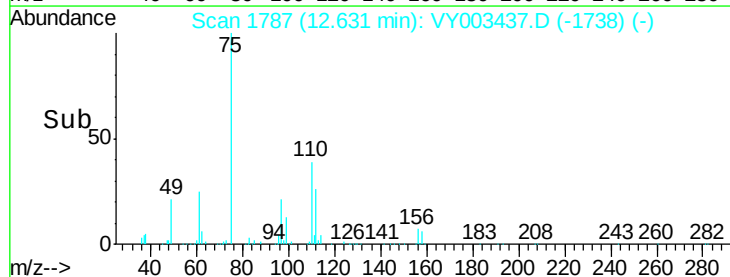
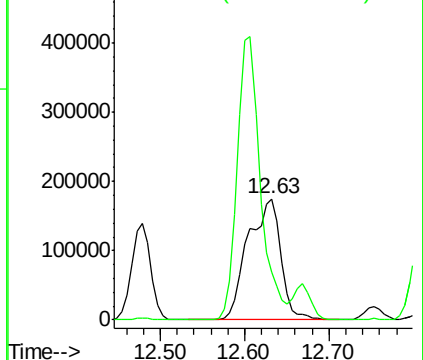
75 100

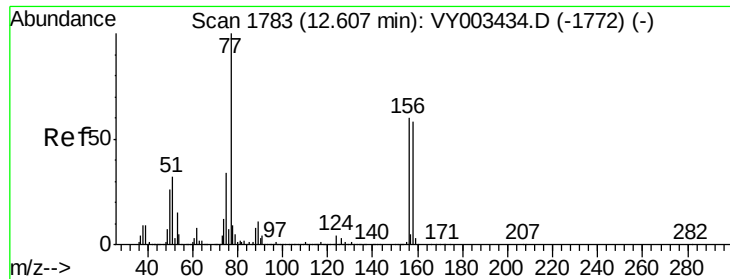
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.117 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampled :

ICVY090420

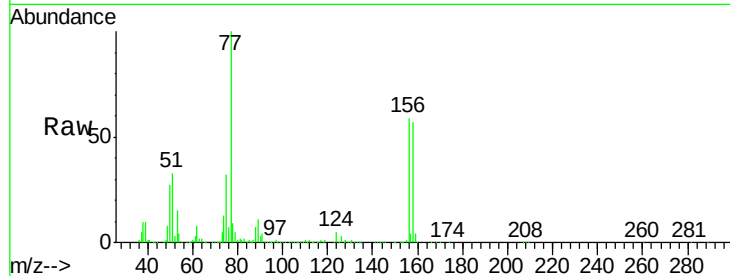
Tot Ion:156 Resp: 384843

Ion Ratio Lower Upper

156 100

77 196.5 96.7 290.1

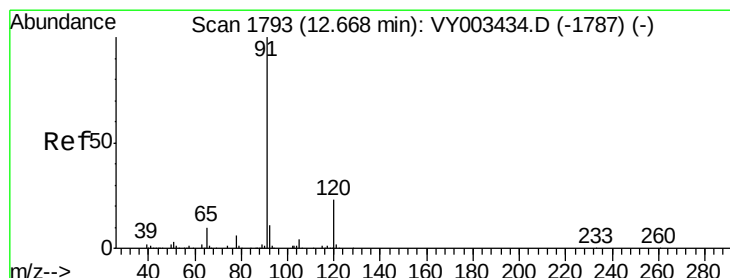
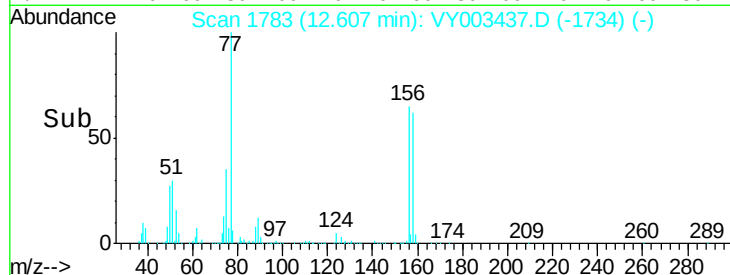
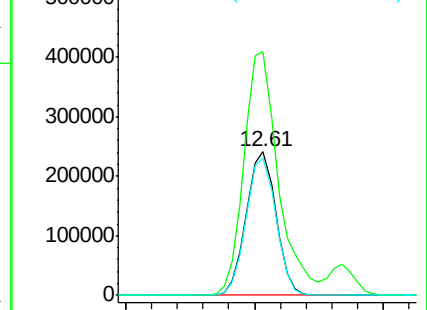
158 96.2 48.8 146.3



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: 50.390 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003437.D

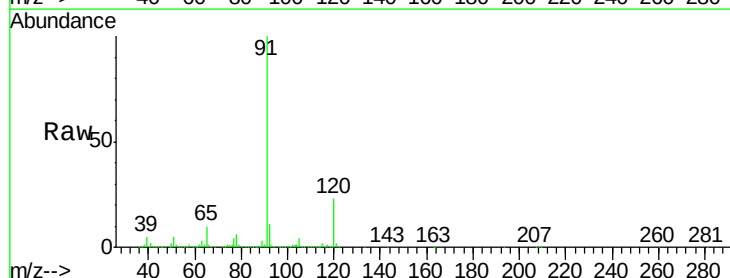
Acq: 04 Sep 2020 18:19

Tgt Ion: 91 Resp: 1992243

Ion Ratio Lower Upper

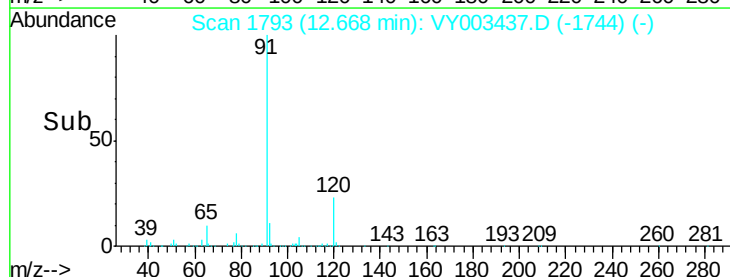
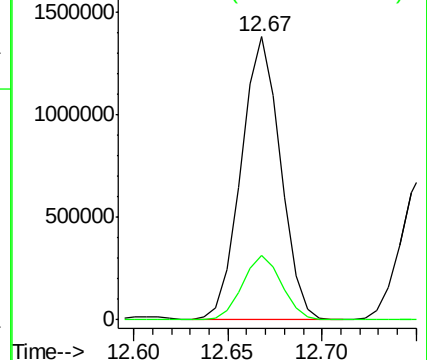
91 100

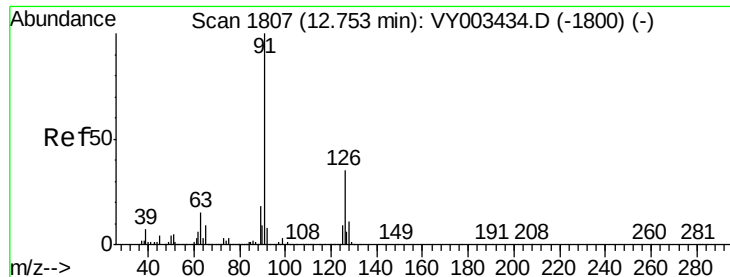
120 22.8 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

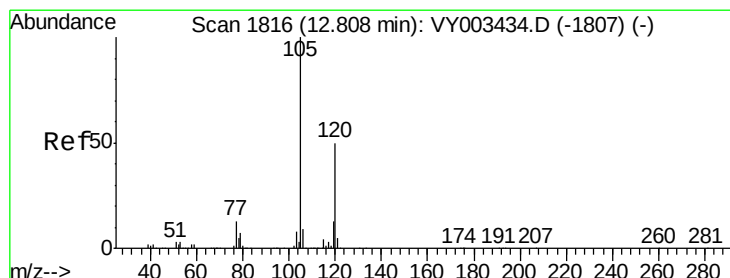
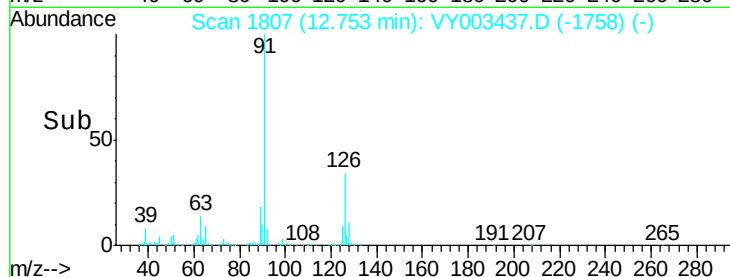
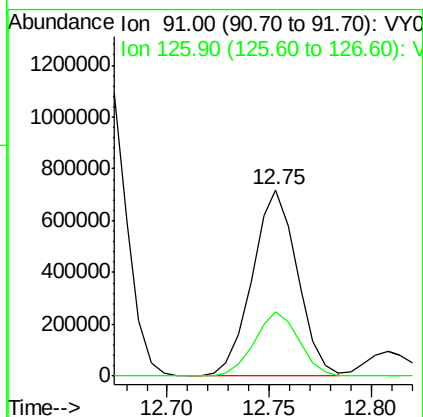
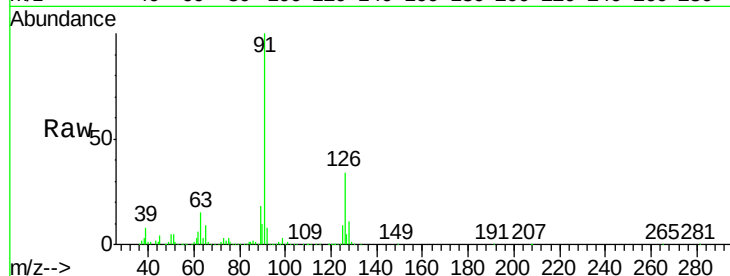




#79
2-Chlorotoluene
Concen: 50.360 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

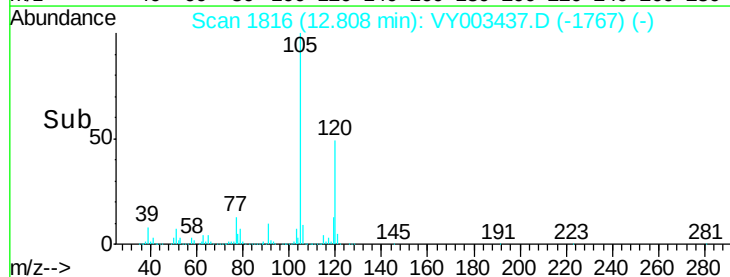
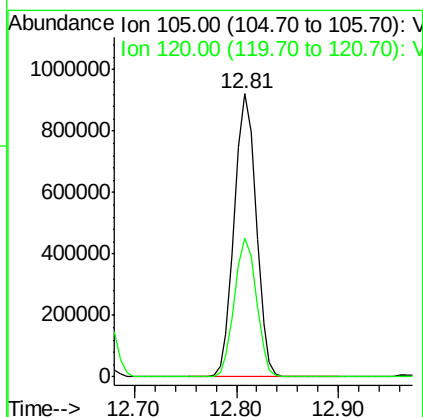
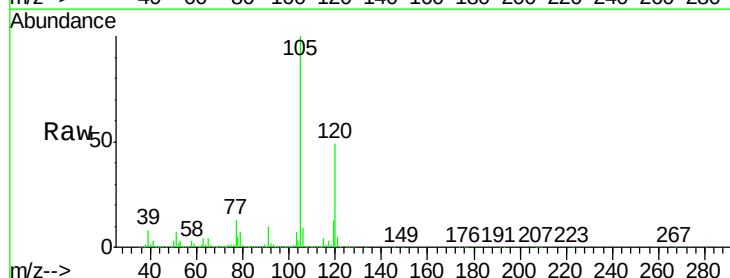
Instrument :
MSVOA_Y
ClientSampleId :
ICVY090420

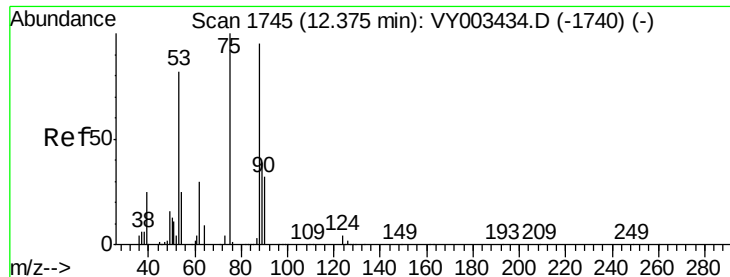
Tot Ion: 91 Resp: 1103372
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 50.638 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY003437.D
Acq: 04 Sep 2020 18:19

Tgt Ion: 105 Resp: 1362348
Ion Ratio Lower Upper
105 100
120 49.3 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 51.106 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY090420

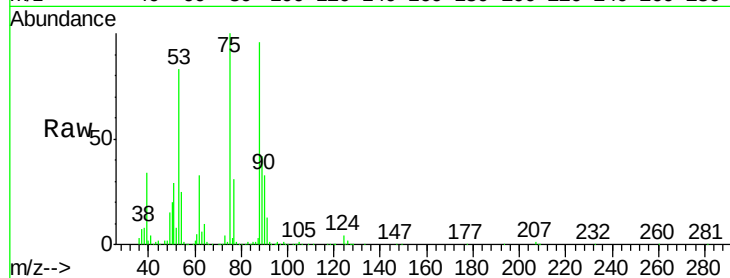
Tot Ion: 75 Resp: 126789

Ion Ratio Lower Upper

75 100

53 85.1 65.5 98.3

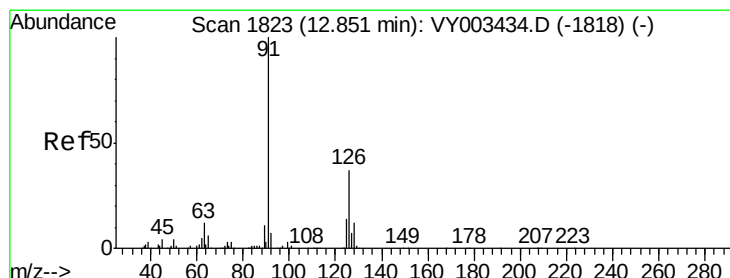
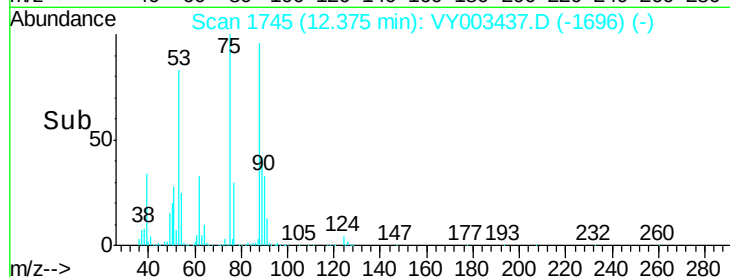
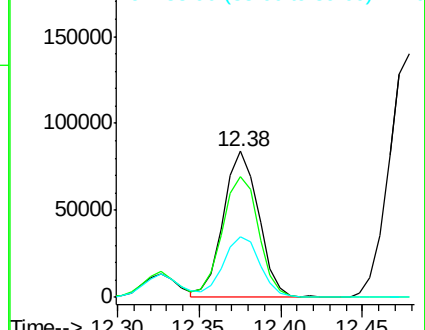
89 43.0 35.6 53.4



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: 50.327 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003437.D

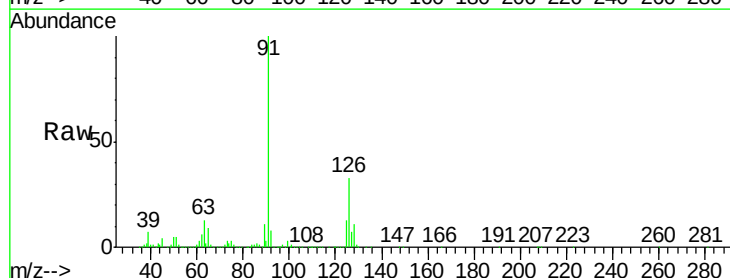
Acq: 04 Sep 2020 18:19

Tgt Ion: 91 Resp: 1165604

Ion Ratio Lower Upper

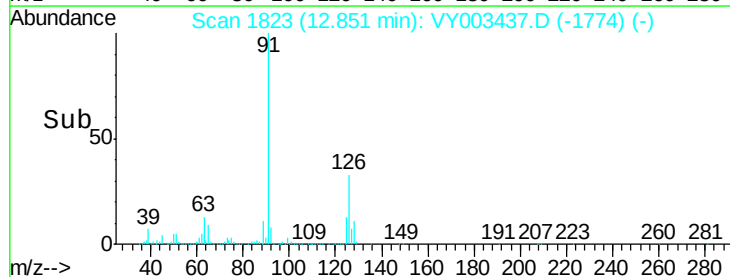
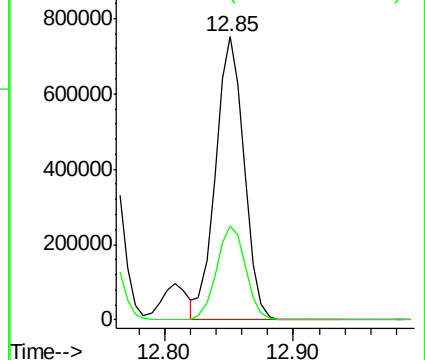
91 100

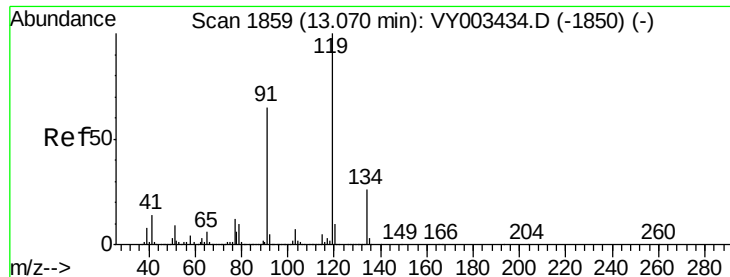
126 33.7 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.770 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY090420

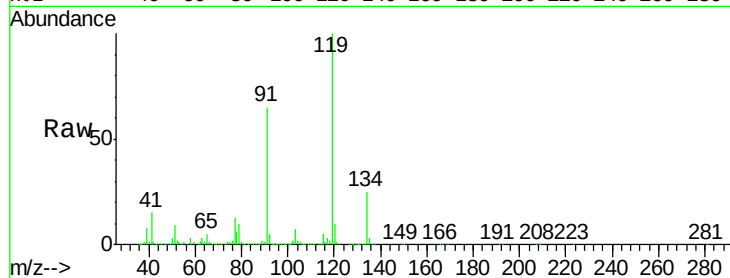
Tot Ion:119 Resp: 1167178

Ion Ratio Lower Upper

119 100

91 65.1 32.4 97.0

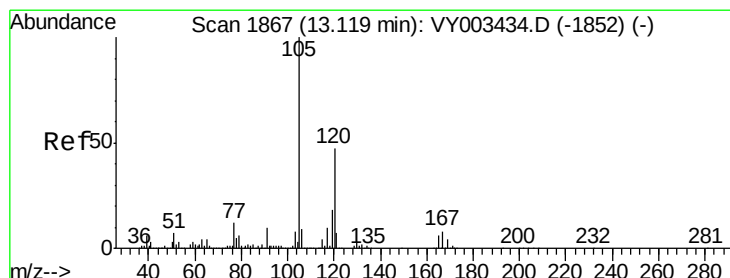
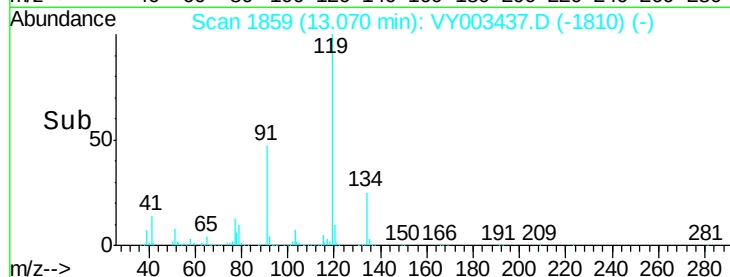
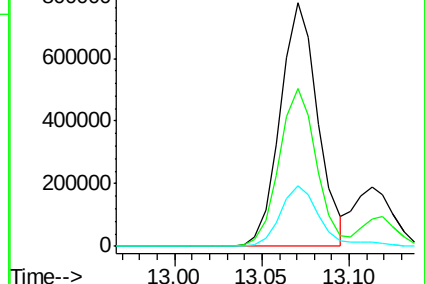
134 26.3 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.281 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003437.D

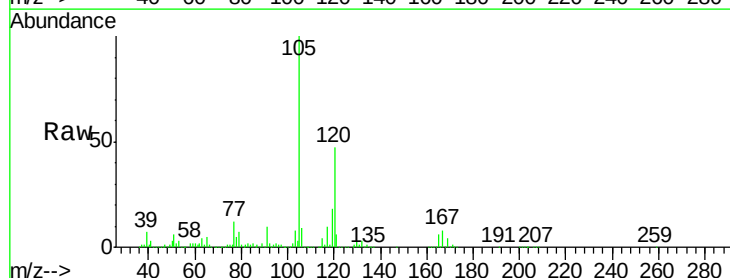
Acq: 04 Sep 2020 18:19

Tgt Ion:105 Resp: 1357338

Ion Ratio Lower Upper

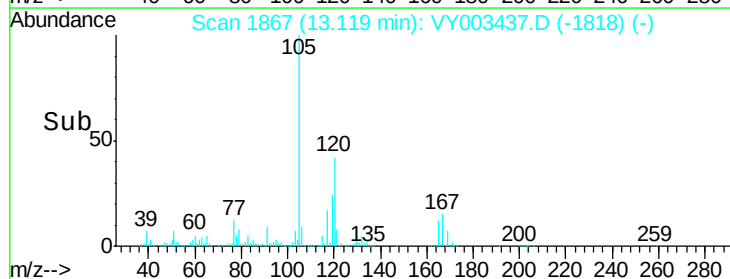
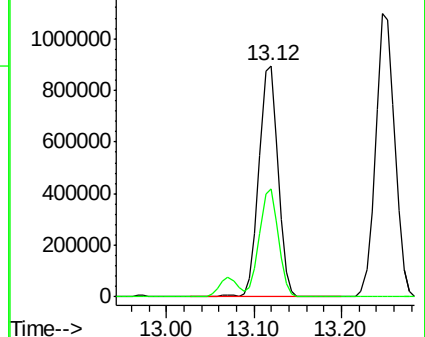
105 100

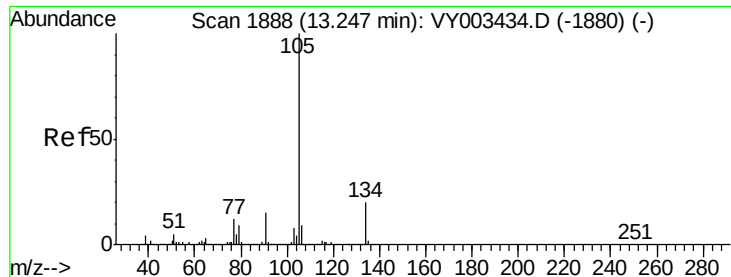
120 46.3 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.508 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

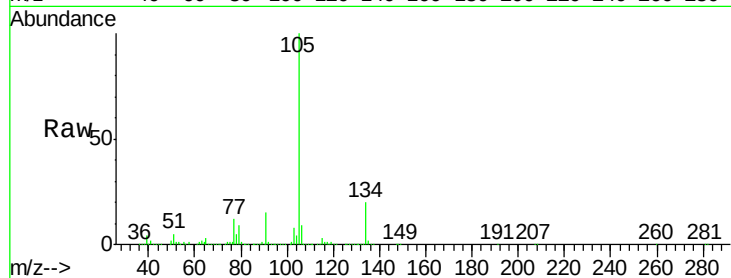
ICVY090420

Tot Ion:105 Resp: 1668832

Ion Ratio Lower Upper

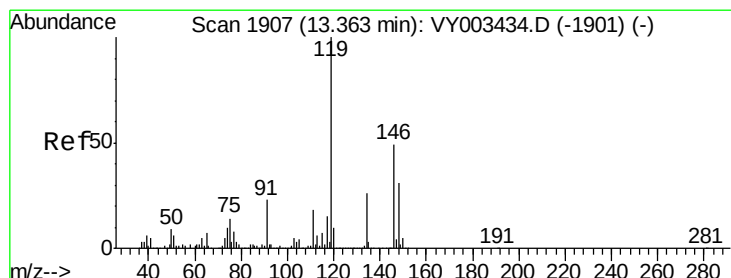
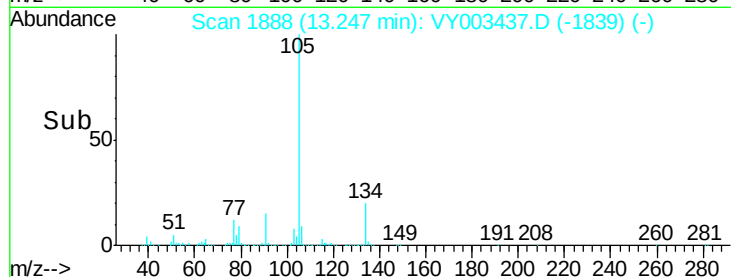
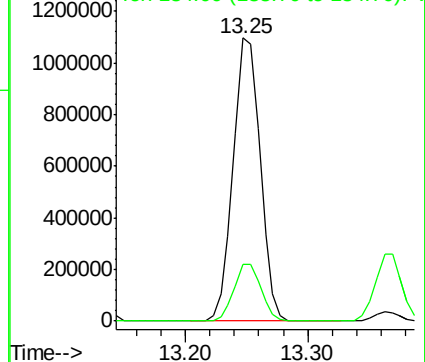
105 100

134 20.2 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.696 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

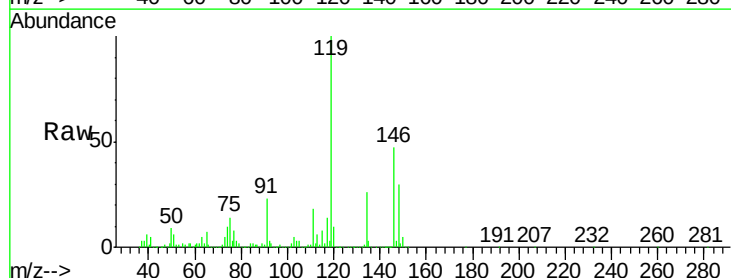
Tgt Ion:119 Resp: 1485159

Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

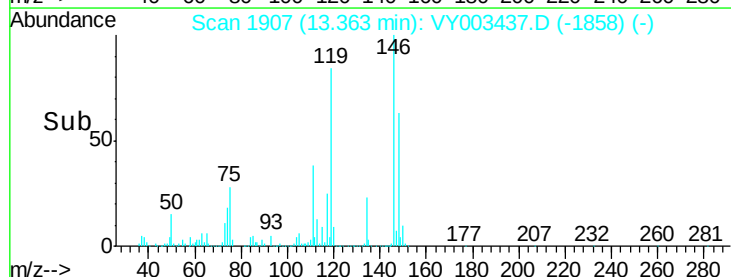
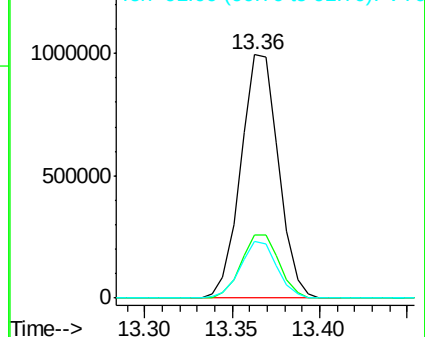
91 22.8 11.3 33.8

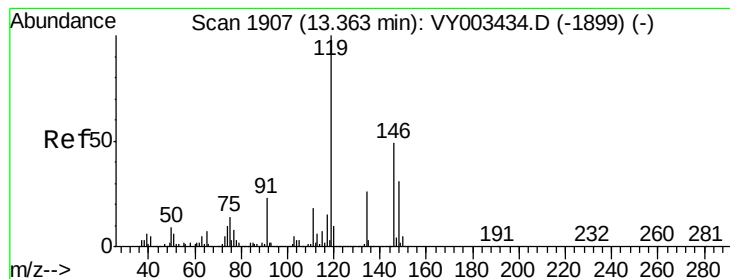


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 49.616 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY090420

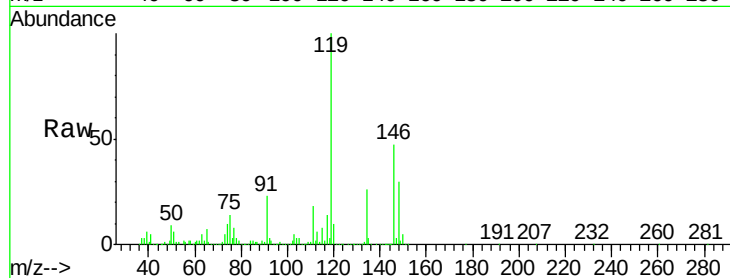
Tot Ion:146 Resp: 725162

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.1

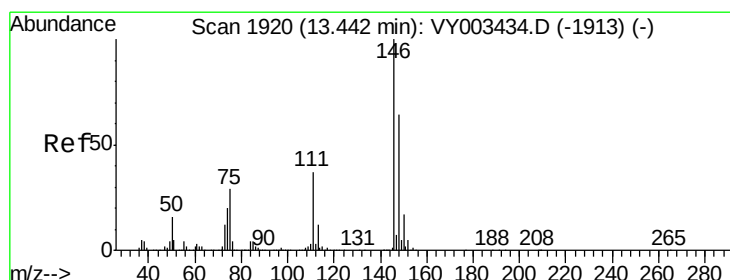
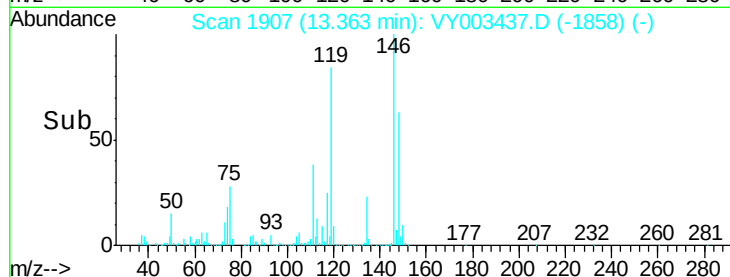
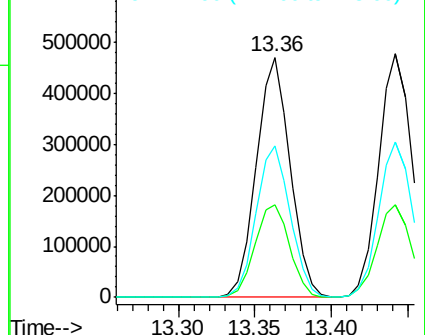
148 63.6 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.360 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

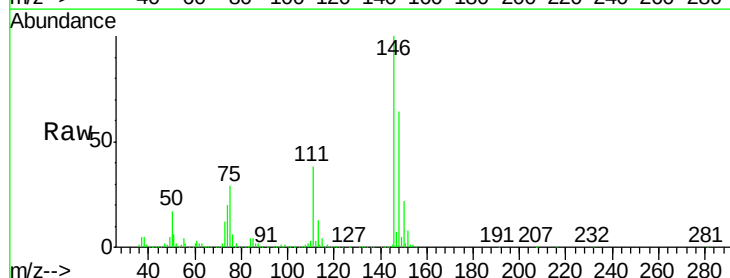
Tgt Ion:146 Resp: 725972

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.3

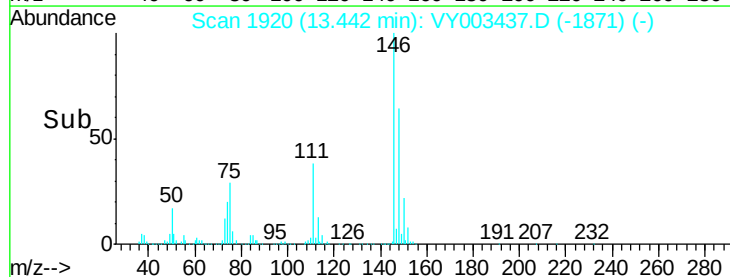
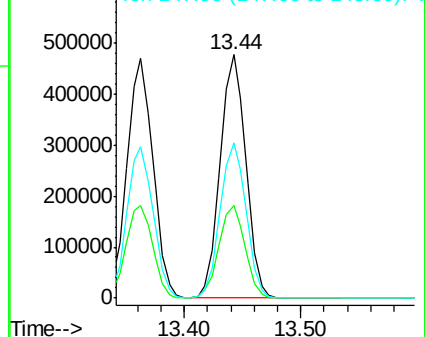
148 64.2 32.1 96.5

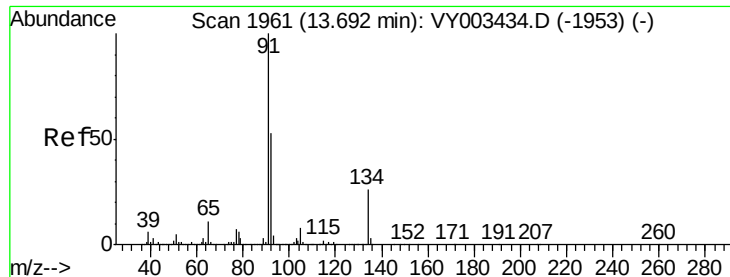


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.366 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY090420

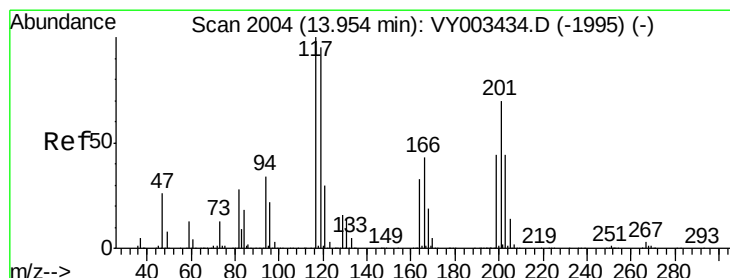
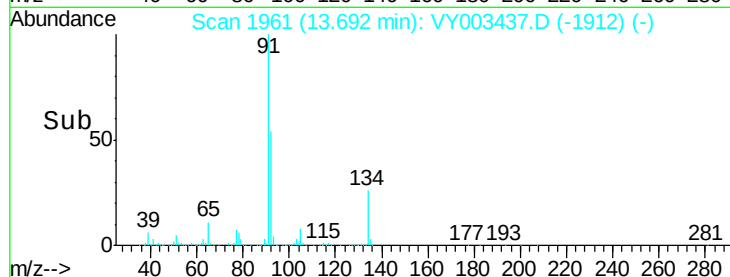
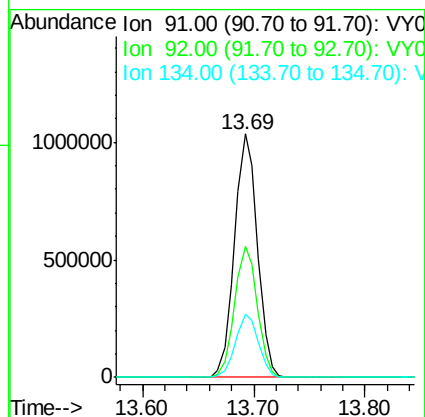
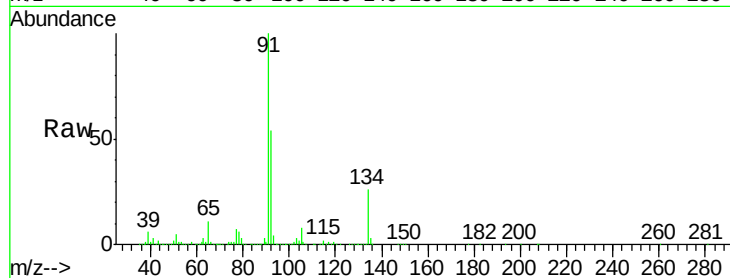
Tot Ion: 91 Resp: 1470280

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.1

134 26.0 13.0 39.0



#90

Hexachloroethane

Concen: 50.836 ug/l

RT: 13.95 min Scan# 2004

Delta R.T. -0.00 min

Lab File: VY003437.D

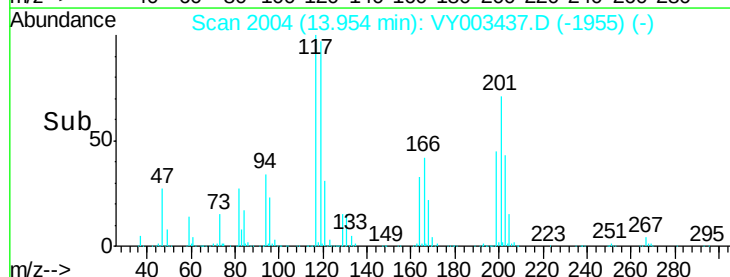
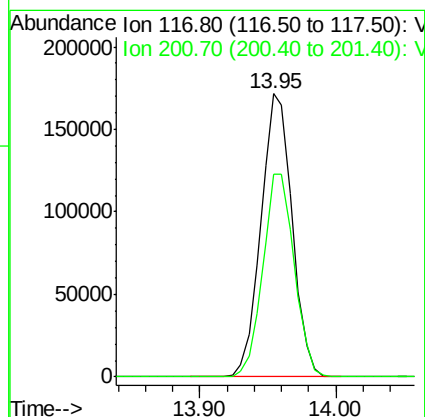
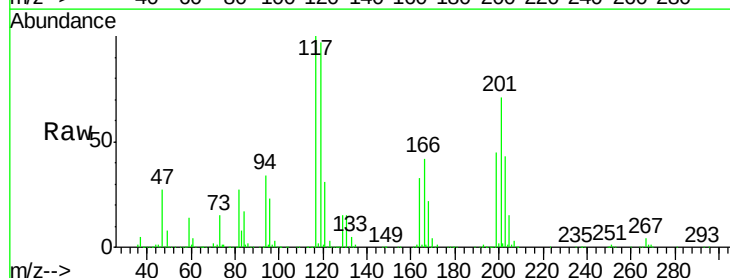
Acq: 04 Sep 2020 18:19

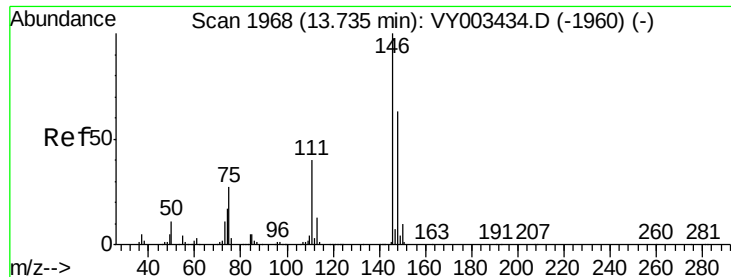
Tgt Ion: 117 Resp: 275960

Ion Ratio Lower Upper

117 100

201 72.2 36.9 110.7





#91

1,2-Dichlorobenzene

Concen: 49.944 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY090420

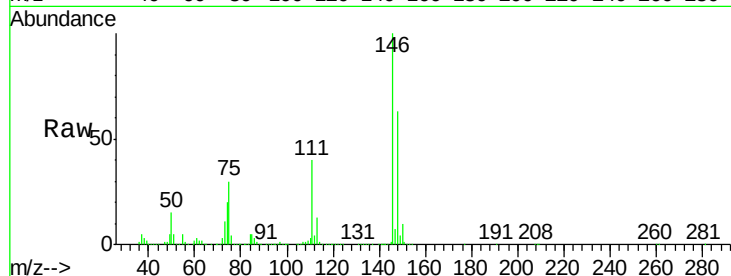
Tot Ion:146 Resp: 665741

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.8

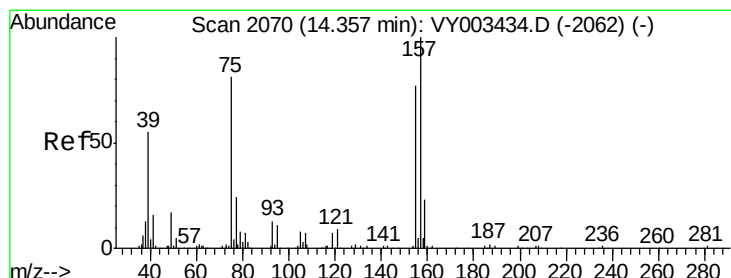
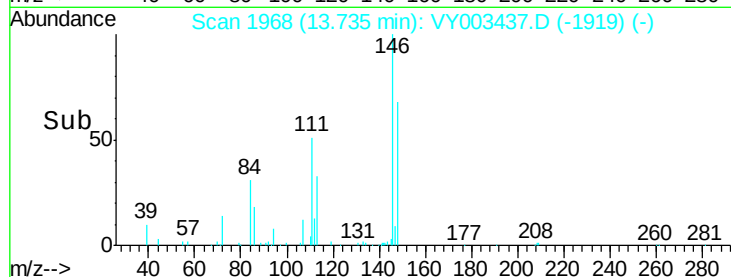
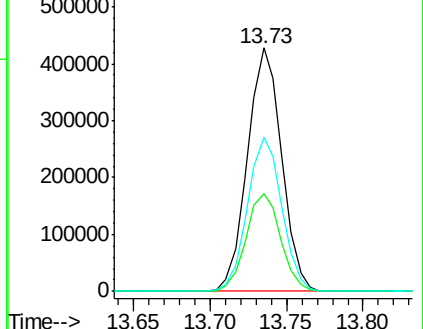
148 63.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.983 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. -0.01 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

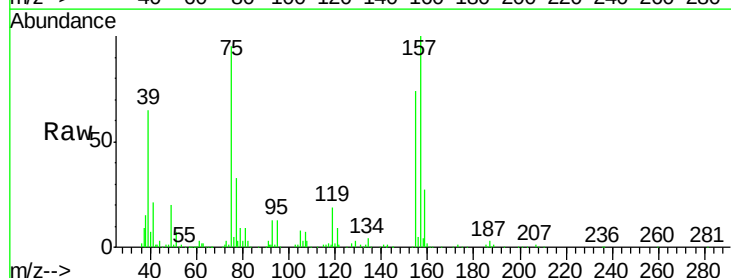
Tgt Ion: 75 Resp: 55075

Ion Ratio Lower Upper

75 100

155 89.2 47.4 142.2

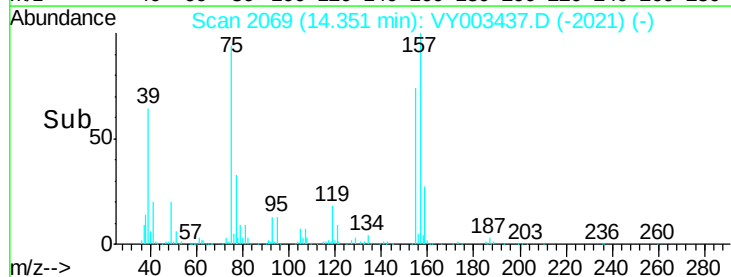
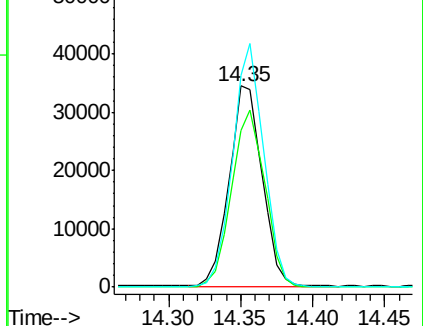
157 114.8 60.0 180.0

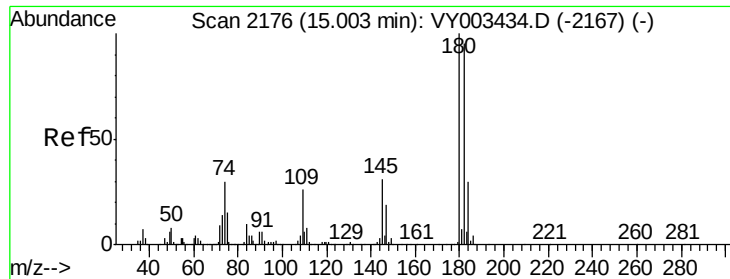


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

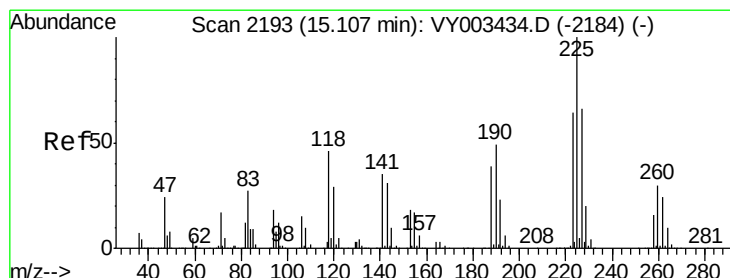
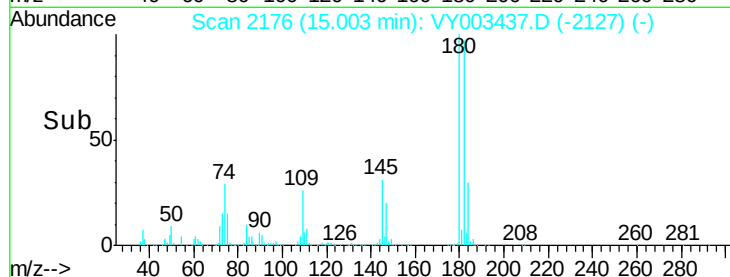
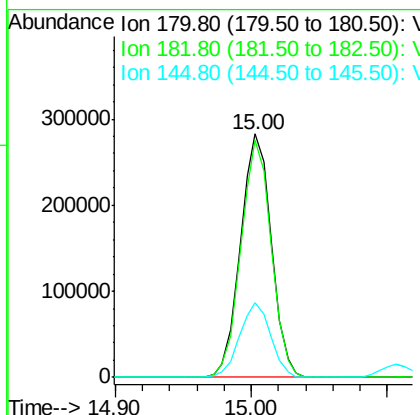
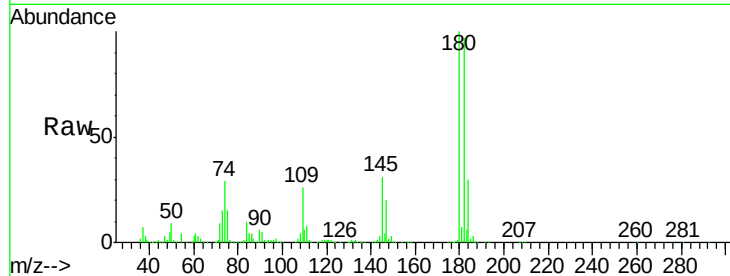




#93
 1,2,4-Trichlorobenzene
 Concen: 50.281 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003437.D
 Acq: 04 Sep 2020 18:19

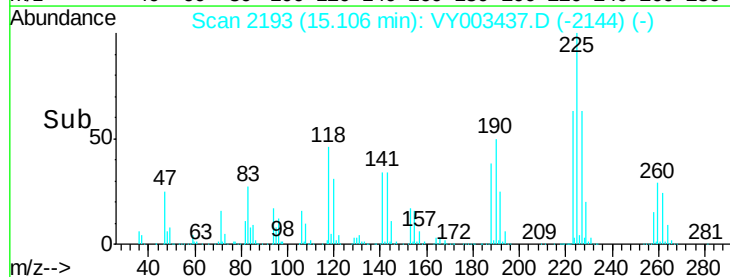
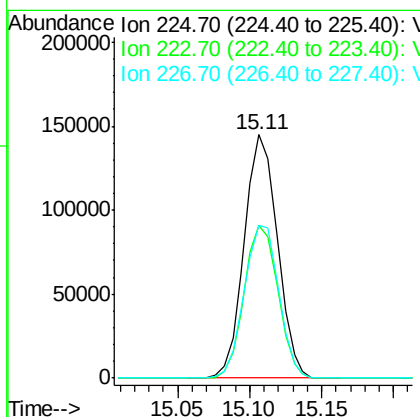
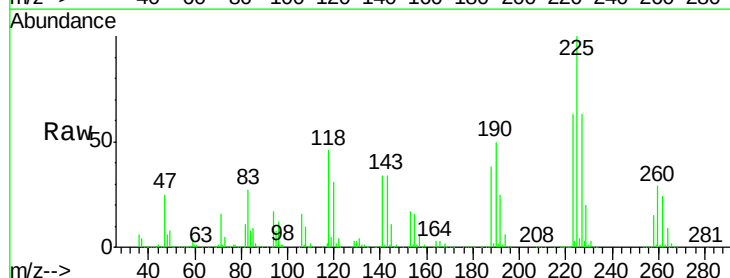
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY090420

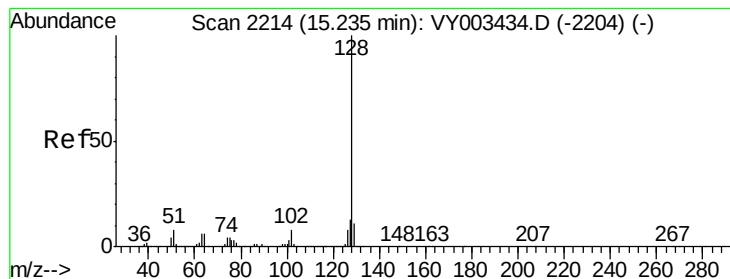
Tot Ion:180 Resp: 446469
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.5 142.6
 145 30.8 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 49.387 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY003437.D
 Acq: 04 Sep 2020 18:19

Tgt Ion:225 Resp: 230998
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.0 96.0
 227 65.1 32.2 96.6





#95

Naphthalene

Concen: 51.763 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY090420

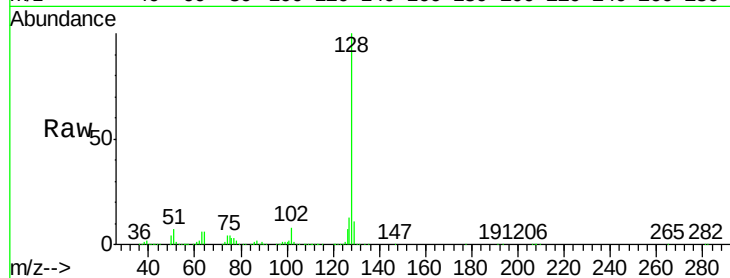
Tot Ion:128 Resp: 982510

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

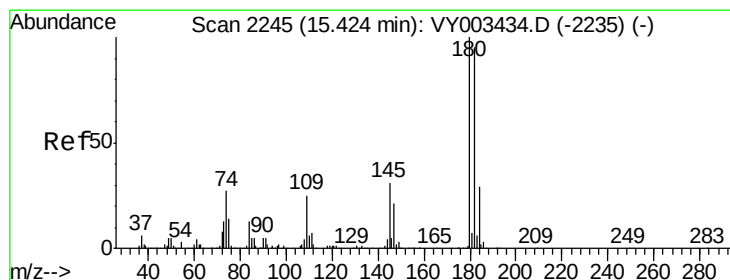
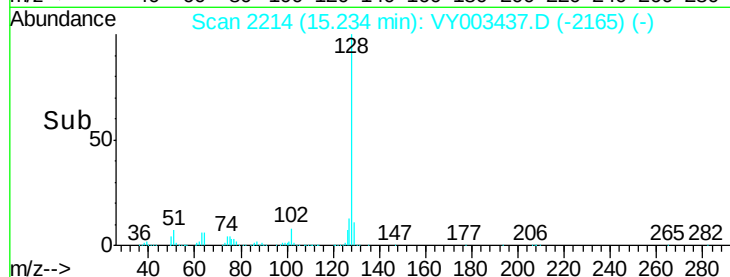
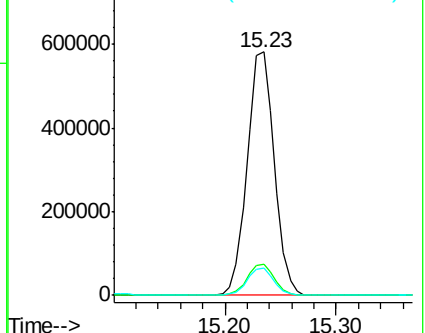
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.594 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY003437.D

Acq: 04 Sep 2020 18:19

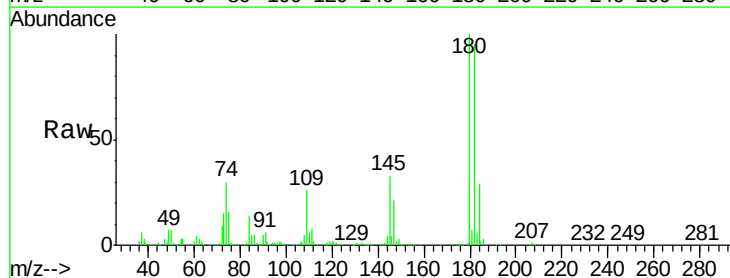
Tgt Ion:180 Resp: 390473

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 32.2 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

