

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003386.D
 Acq On : 31 Jul 2020 13:34
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

Quant Time: Aug 01 01:23:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	544817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	802214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	731486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	391891	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	253372	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
35) Dibromofluoromethane	7.72	113	236334	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
50) Toluene-d8	10.18	98	925447	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.48	95	318056	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	216215	48.466	ug/l	100
3) Chloromethane	2.12	50	288702	47.251	ug/l	99
4) Vinyl Chloride	2.26	62	307475	50.130	ug/l	99
5) Bromomethane	2.65	94	222303	49.063	ug/l	94
6) Chloroethane	2.80	64	192304	49.983	ug/l	97
7) Trichlorofluoromethane	3.13	101	417008	50.349	ug/l	99
8) Diethyl Ether	3.54	74	144795	50.206	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	253706	51.283	ug/l	99
10) Methyl Iodide	4.10	142	295228	51.405	ug/l	99
11) Tert butyl alcohol	4.96	59	130235	256.983	ug/l	98
12) 1,1-Dichloroethene	3.88	96	246991	51.466	ug/l	96
13) Acrolein	3.74	56	123862	227.183	ug/l	99
14) Allyl chloride	4.49	41	406161	50.530	ug/l	100
15) Acrylonitrile	5.17	53	364911	255.018	ug/l	100
16) Acetone	3.95	43	325757	254.516	ug/l	99
17) Carbon Disulfide	4.20	76	790390	50.520	ug/l	99
18) Methyl Acetate	4.48	43	161445	47.810	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	683794	51.543	ug/l	100
20) Methylene Chloride	4.72	84	311060	48.191	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	275368	50.757	ug/l	98
22) Diisopropyl ether	6.13	45	855687	50.669	ug/l	97
23) Vinyl Acetate	6.07	43	2886139	260.871	ug/l	99
24) 1,1-Dichloroethane	6.02	63	479331	50.649	ug/l	98
25) 2-Butanone	6.99	43	493601	253.067	ug/l	98
26) 2,2-Dichloropropane	6.99	77	435451	51.567	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	306663	51.440	ug/l	99
28) Bromochloromethane	7.34	49	180963	49.157	ug/l	98
29) Tetrahydrofuran	7.35	42	325420	255.717	ug/l	98
30) Chloroform	7.51	83	479516	51.084	ug/l	99
31) Cyclohexane	7.78	56	453530	49.391	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	434510	50.734	ug/l	99
36) 1,1-Dichloropropene	7.92	75	385285	50.753	ug/l	100
37) Ethyl Acetate	7.08	43	218653	50.654	ug/l	98
38) Carbon Tetrachloride	7.90	117	398469	51.010	ug/l	97

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

39) Methylcyclohexane	9.18	83	480278	51.850	ug/l	98
40) Benzene	8.16	78	1068274	50.717	ug/l	100
41) Methacrylonitrile	7.35	41	300835	121.568	ug/l #	46
42) 1,2-Dichloroethane	8.24	62	324675	50.612	ug/l	99
43) Isopropyl Acetate	8.27	43	418310	51.343	ug/l	99
44) Trichloroethene	8.94	130	305449	50.422	ug/l	99
45) 1,2-Dichloropropane	9.22	63	278678	50.522	ug/l	100
46) Dibromomethane	9.31	93	157603	50.926	ug/l	98
47) Bromodichloromethane	9.50	83	382712	51.320	ug/l	97
48) Methyl methacrylate	9.29	41	191288	52.014	ug/l	98
49) 1,4-Dioxane	9.30	88	41335	1031.963	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	1097981	257.159	ug/l	100
52) Toluene	10.24	92	674571	51.064	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	409476	51.734	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	464022	51.731	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	218893	50.426	ug/l	97
56) Ethyl methacrylate	10.51	69	322551	53.673	ug/l	98
57) 1,3-Dichloropropane	10.79	76	386064	51.174	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	700872	251.790	ug/l	99
59) 2-Hexanone	10.83	43	778268	261.552	ug/l	99
60) Dibromochloromethane	10.99	129	280468	51.449	ug/l	98
61) 1,2-Dibromoethane	11.09	107	215250	51.184	ug/l	100
64) Tetrachloroethene	10.72	164	314718	51.465	ug/l	99
65) Chlorobenzene	11.52	112	744492	51.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	291127	52.143	ug/l	98
67) Ethyl Benzene	11.59	91	1348496	52.101	ug/l	100
68) m/p-Xylenes	11.70	106	1020227	104.558	ug/l	99
69) o-Xylene	12.03	106	476053	52.118	ug/l	99
70) Styrene	12.04	104	827115	52.922	ug/l	99
71) Bromoform	12.20	173	189186	52.143	ug/l	99
73) Isopropylbenzene	12.33	105	1312735	51.829	ug/l	100
74) N-amyl acetate	12.14	43	391498	52.444	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	258711	51.568	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	351469	99.834	ug/l #	100
77) Bromobenzene	12.61	156	335840	52.186	ug/l	98
78) n-propylbenzene	12.67	91	1585134	52.291	ug/l	100
79) 2-Chlorotoluene	12.75	91	875747	52.068	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	1106764	52.046	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	97193	52.212	ug/l	98
82) 4-Chlorotoluene	12.85	91	909934	52.063	ug/l	99
83) tert-Butylbenzene	13.07	119	989872	53.617	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	1110253	51.945	ug/l	98
85) sec-Butylbenzene	13.25	105	1352779	52.677	ug/l	100
86) p-Isopropyltoluene	13.37	119	1265063	52.669	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	638474	51.940	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	629297	51.922	ug/l	99
89) n-Butylbenzene	13.69	91	1193075	52.562	ug/l	99
90) Hexachloroethane	13.96	117	241329	52.449	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	564968	52.065	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	41463	51.299	ug/l	97

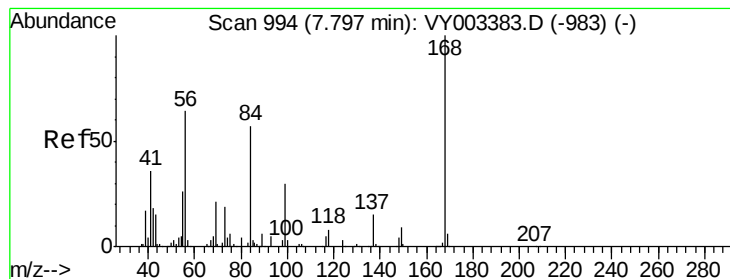
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	410840	53.427	ug/l	99
94) Hexachlorobutadiene	15.11	225	269305	52.882	ug/l	99
95) Naphthalene	15.23	128	710875	54.574	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	344677	55.403	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

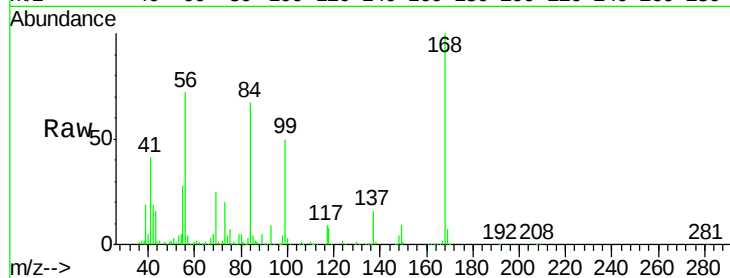
ICVVY073120

Tot Ion:168 Resp: 544817

Ion Ratio Lower Upper

168 100

99 49.8 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003386.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003386.D (-945) (-)

7.79

250000

200000

150000

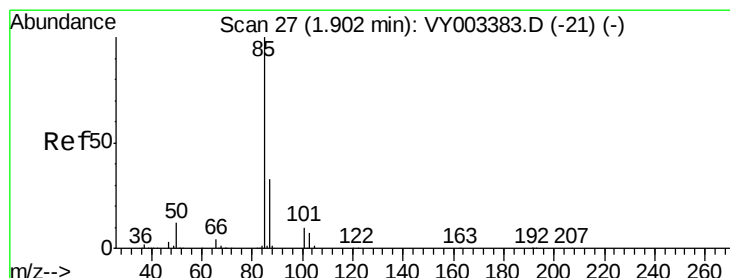
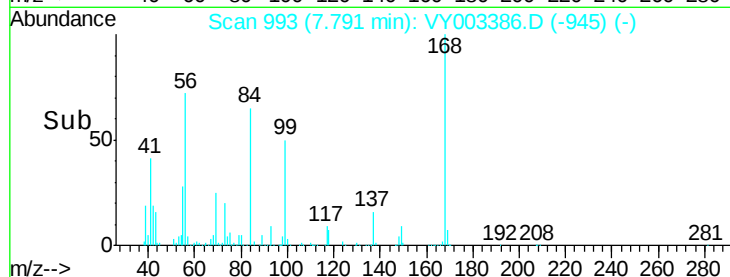
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.466 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003386.D

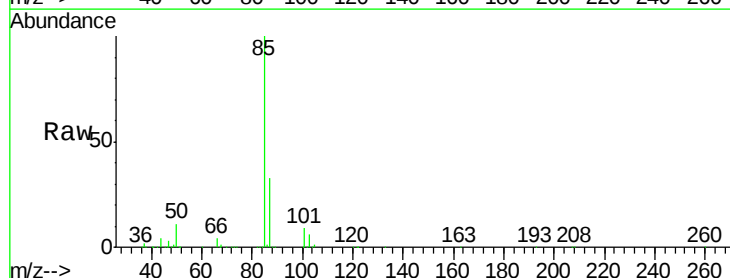
Acq: 31 Jul 2020 13:34

Tgt Ion: 85 Resp: 216215

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY003386.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003386.D (-1) (-)

1.91

150000

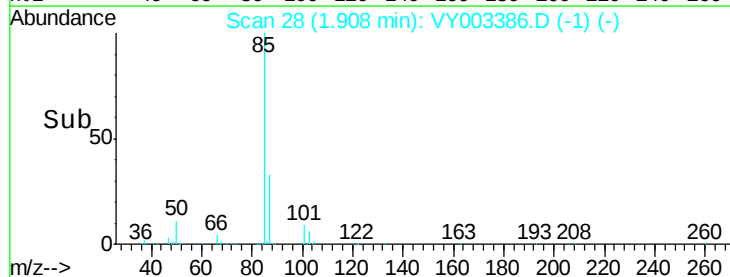
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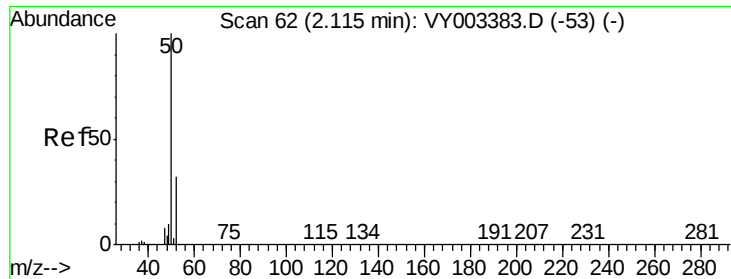
50000

0

1.80 1.90 2.00

Time-->

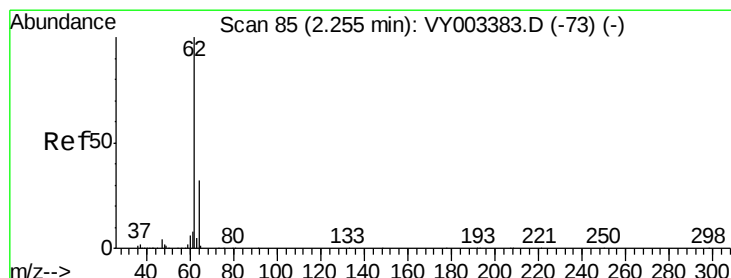
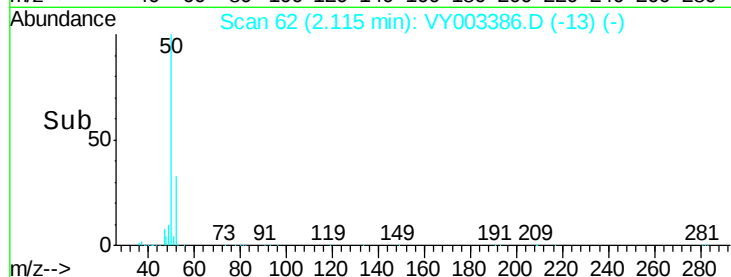
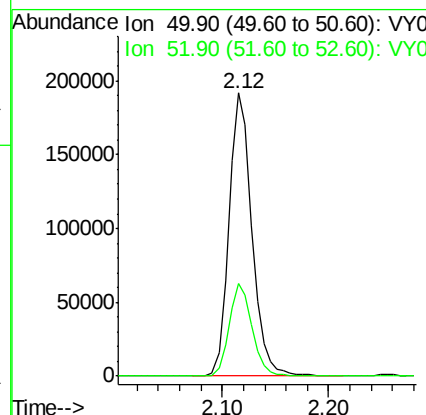
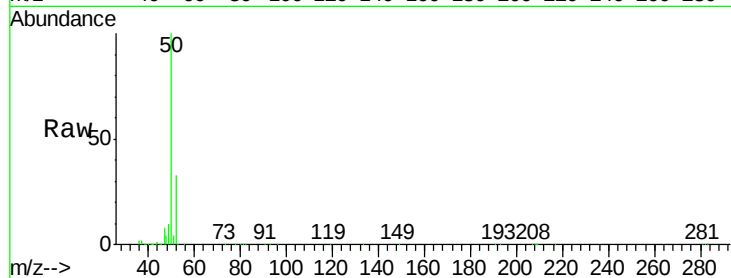




#3
Chloromethane
Concen: 47.251 ug/l
RT: 2.12 min Scan# 62
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

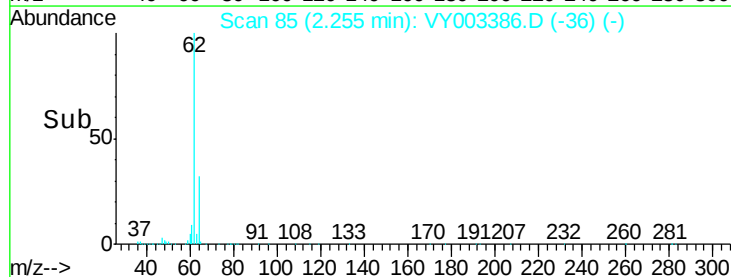
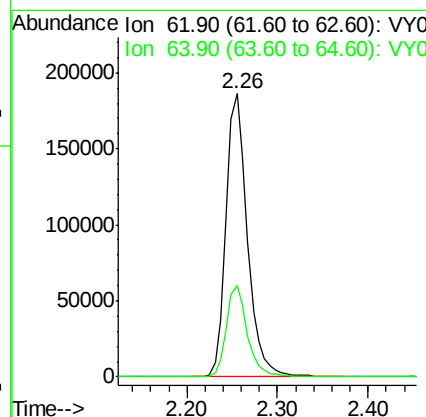
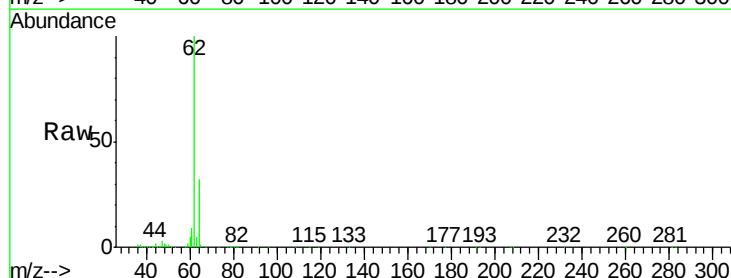
Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

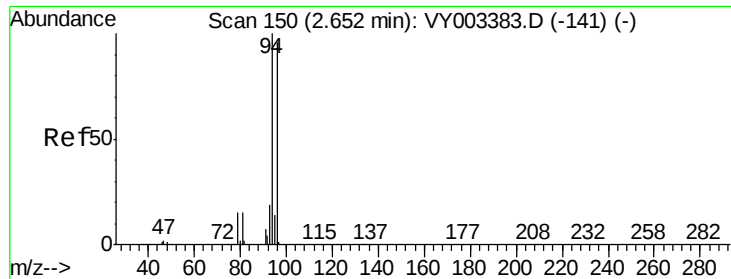
Tot Ion: 50 Resp: 288702
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9



#4
Vinyl Chloride
Concen: 50.130 ug/l
RT: 2.26 min Scan# 85
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion: 62 Resp: 307475
Ion Ratio Lower Upper
62 100
64 32.4 25.7 38.5





#5

Bromomethane

Concen: 49.063 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

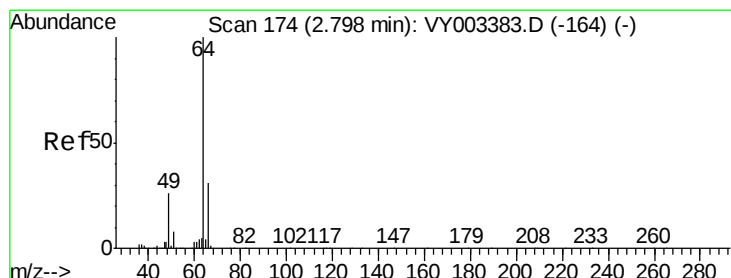
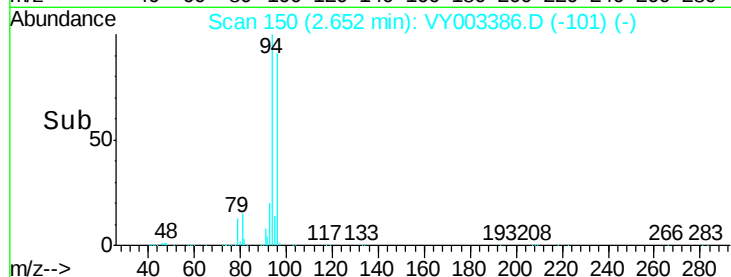
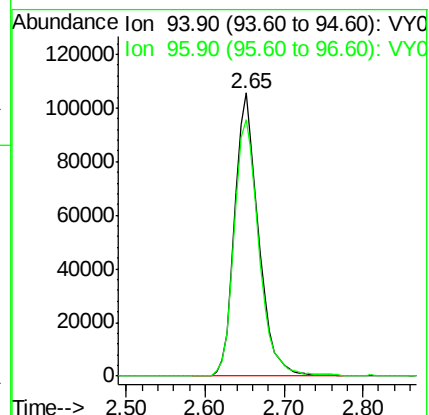
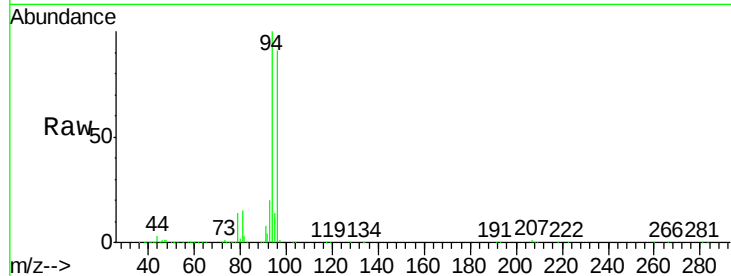
ICVY073120

Tot Ion: 94 Resp: 222303

Ion Ratio Lower Upper

94 100

96 90.3 76.6 115.0



#6

Chloroethane

Concen: 49.983 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003386.D

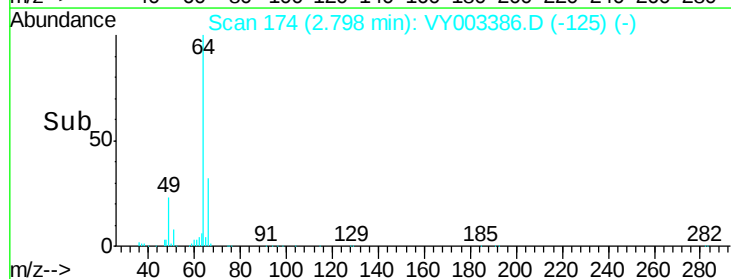
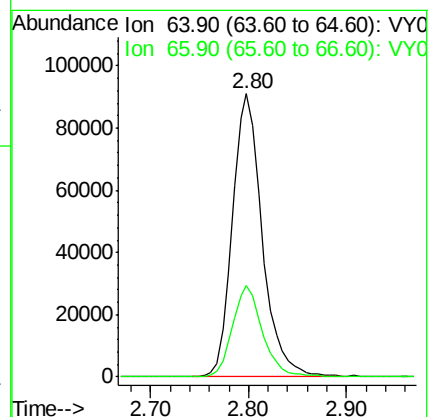
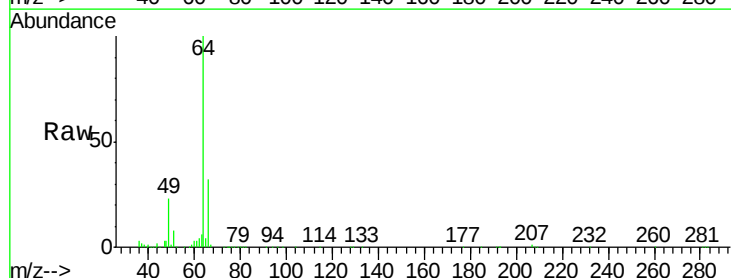
Acq: 31 Jul 2020 13:34

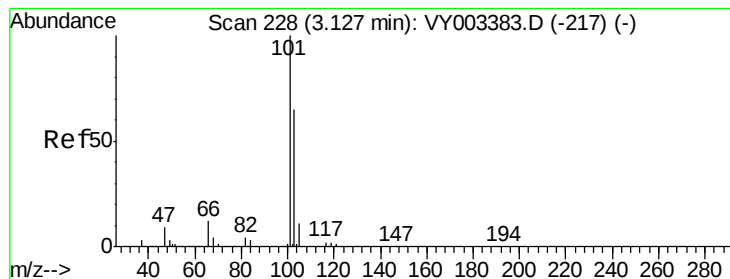
Tgt Ion: 64 Resp: 192304

Ion Ratio Lower Upper

64 100

66 32.4 24.7 37.1



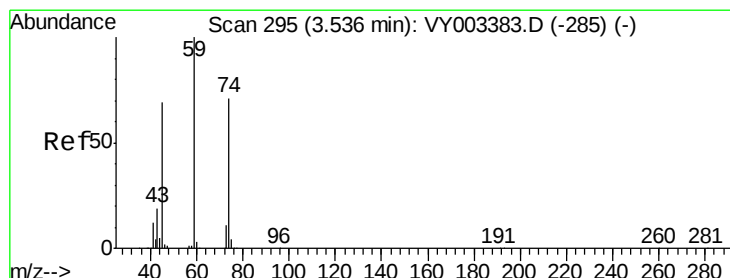
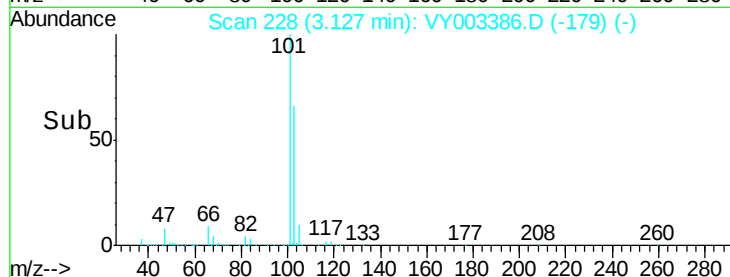
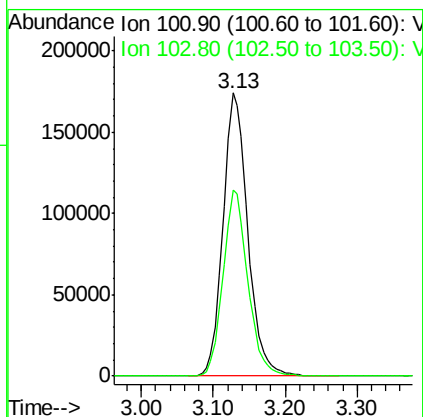
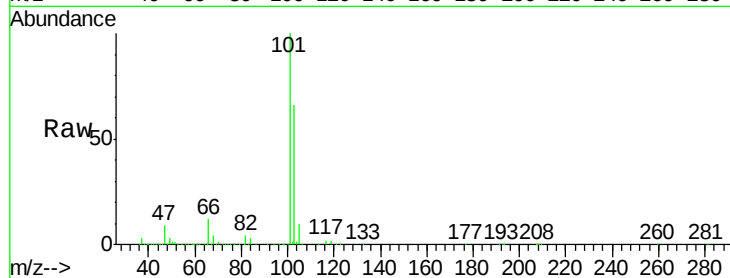


#7

Trichlorofluoromethane
Concen: 50.349 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
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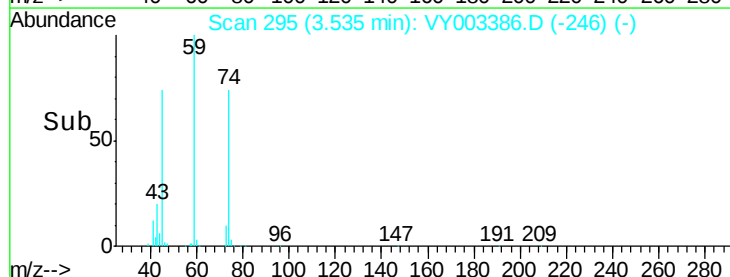
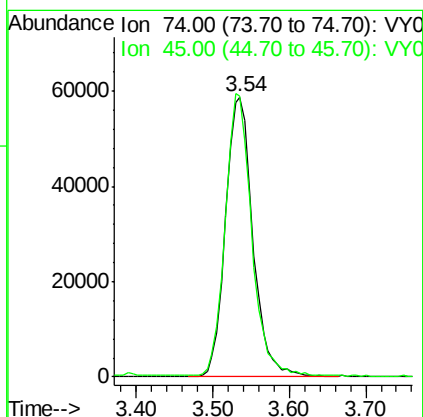
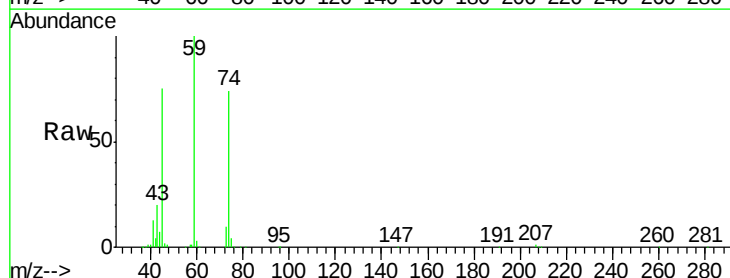
Tot Ion:101 Resp: 417008
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.6

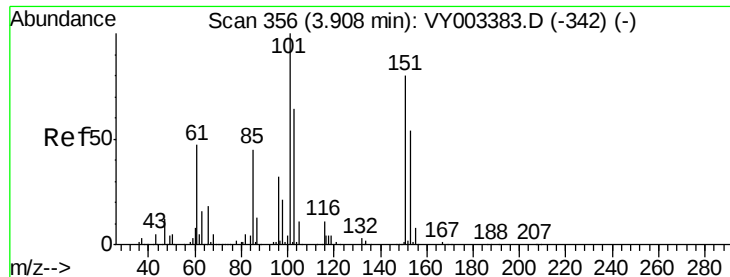


#8

Diethyl Ether
Concen: 50.206 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion: 74 Resp: 144795
Ion Ratio Lower Upper
74 100
45 97.2 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.283 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY073120

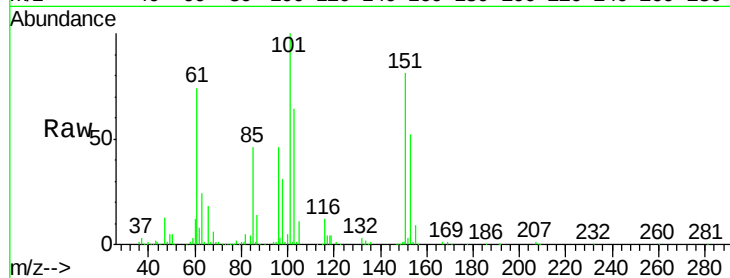
Tot Ion:101 Resp: 253706

Ion Ratio Lower Upper

101 100

85 44.0 35.7 53.5

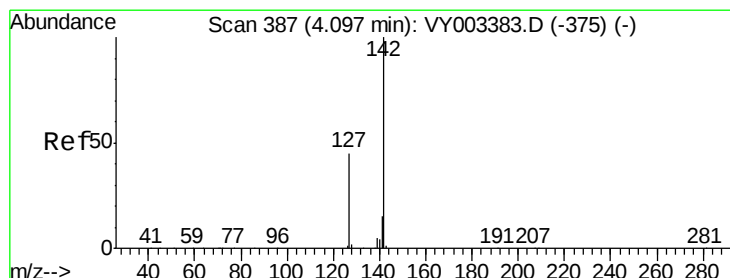
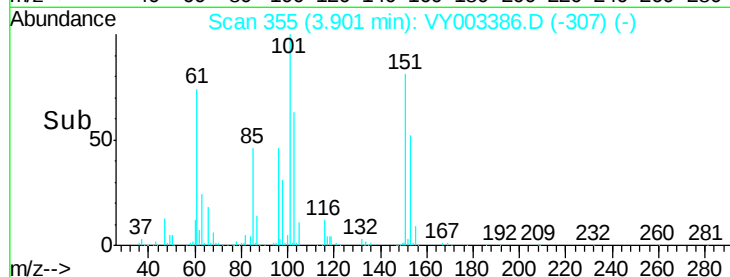
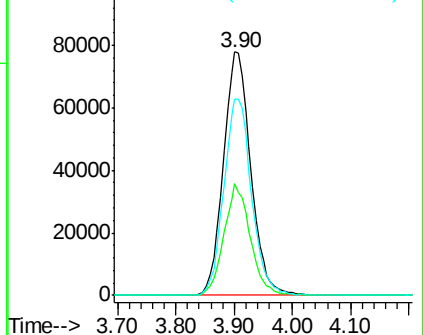
151 81.7 65.7 98.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.405 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

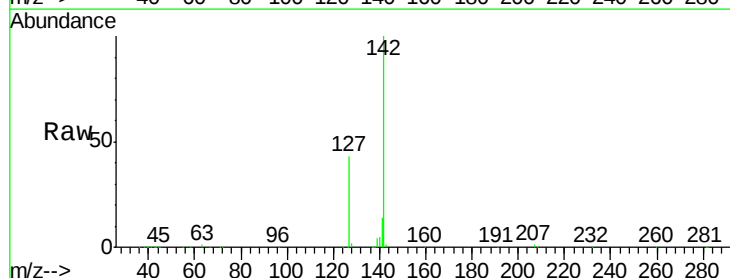
Tgt Ion:142 Resp: 295228

Ion Ratio Lower Upper

142 100

127 42.5 34.6 52.0

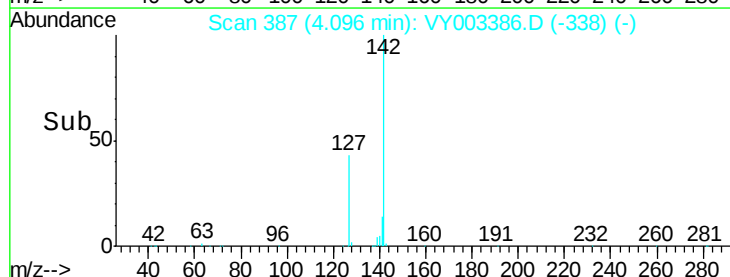
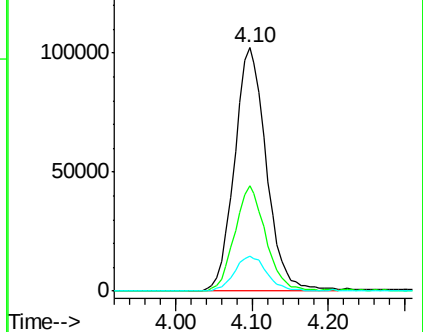
141 14.6 11.4 17.0

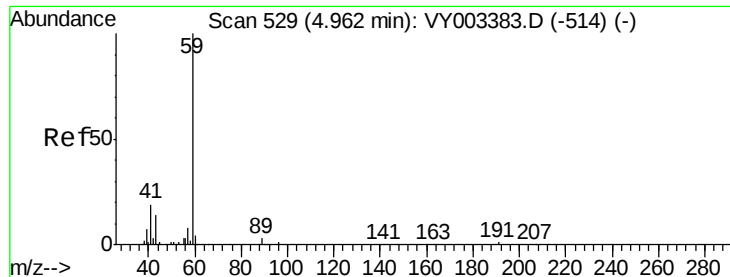


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



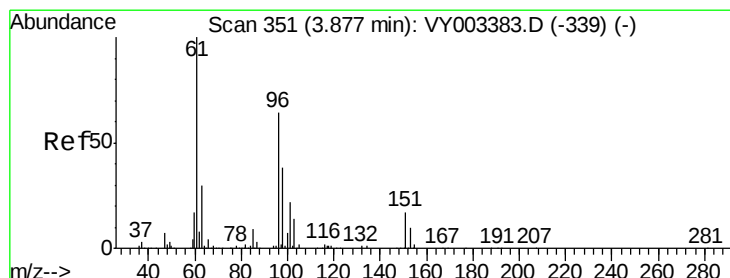
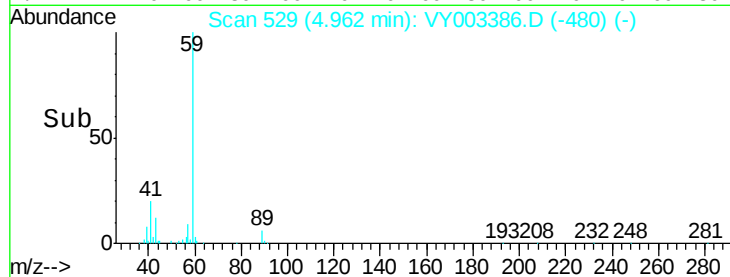
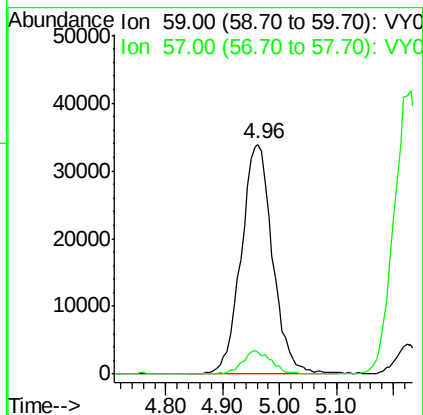
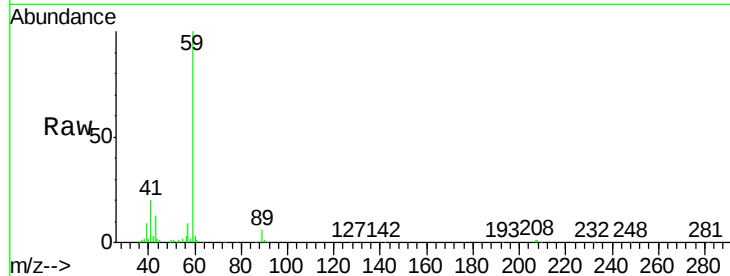


#11

Tert butyl alcohol
 Concen: 256.983 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

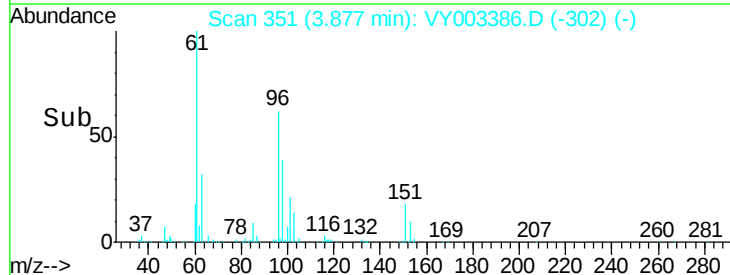
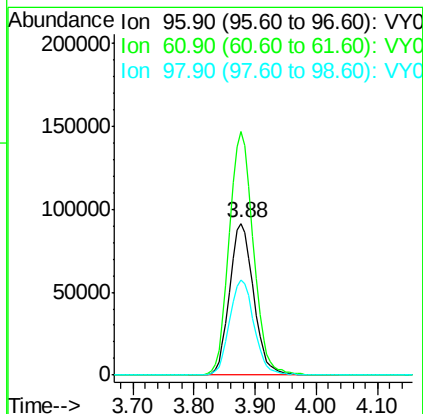
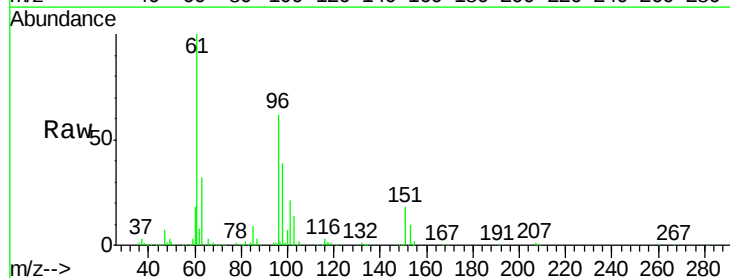
Tot Ion: 59 Resp: 130235
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.0 12.0

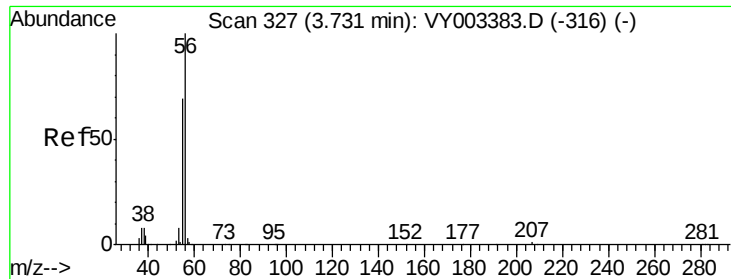


#12

1,1-Dichloroethene
 Concen: 51.466 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion: 96 Resp: 246991
 Ion Ratio Lower Upper
 96 100
 61 160.6 124.7 187.1
 98 62.7 47.4 71.2





#13

Acrolein

Concen: 227.183 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

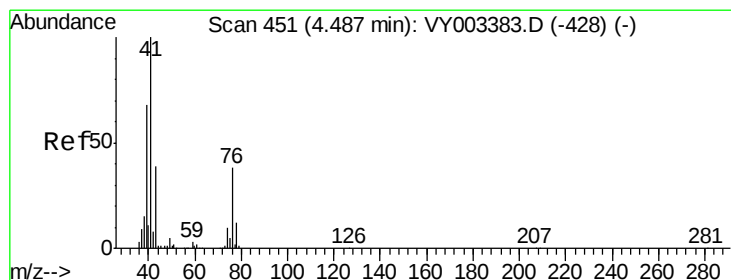
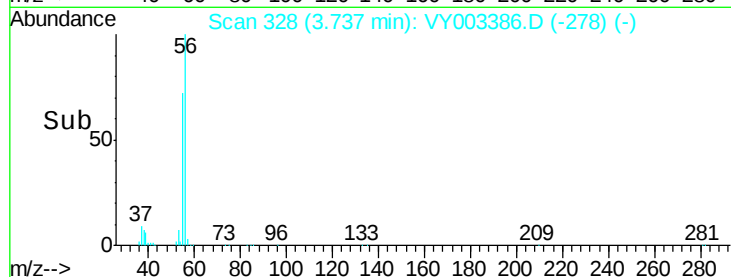
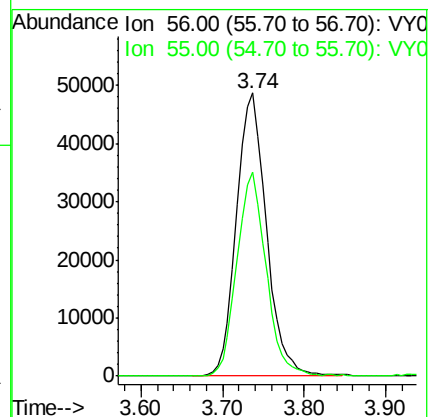
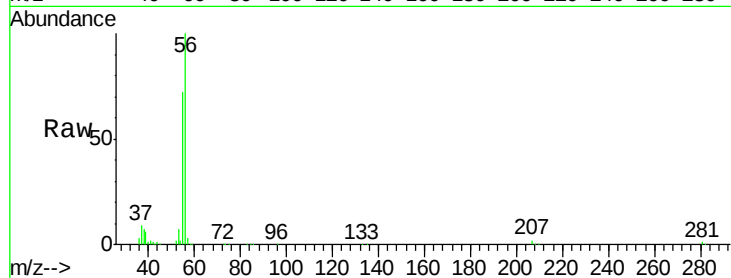
ICVY073120

Tot Ion: 56 Resp: 123862

Ion Ratio Lower Upper

56 100

55 70.5 55.5 83.3



#14

Allyl chloride

Concen: 50.530 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

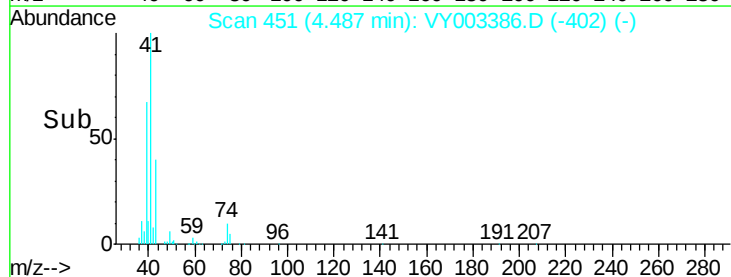
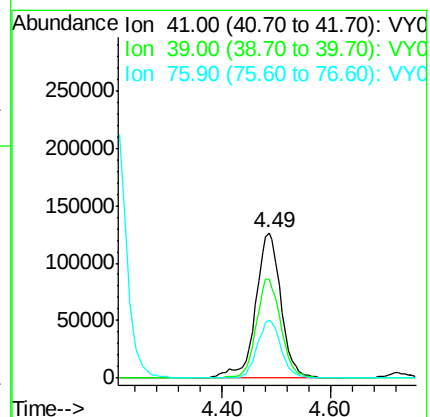
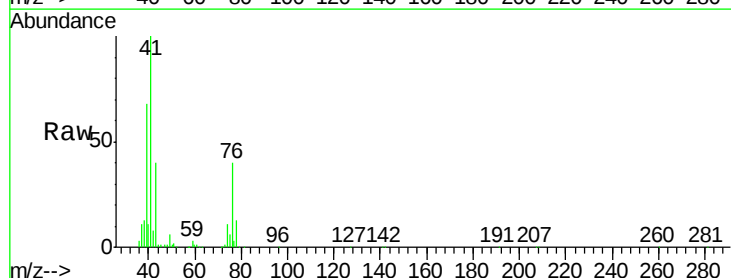
Tgt Ion: 41 Resp: 406161

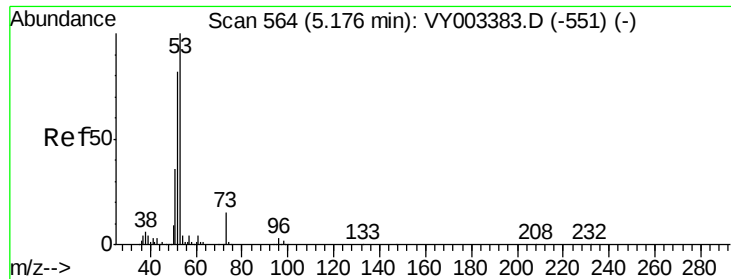
Ion Ratio Lower Upper

41 100

39 66.3 52.7 79.1

76 37.4 29.8 44.6





#15

Acrylonitrile

Concen: 255.018 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY073120

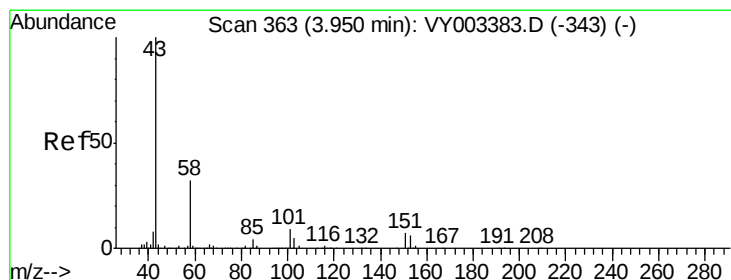
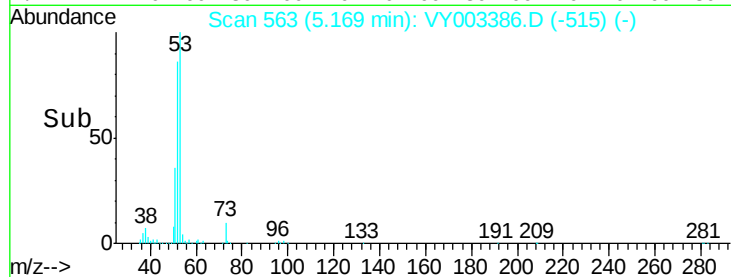
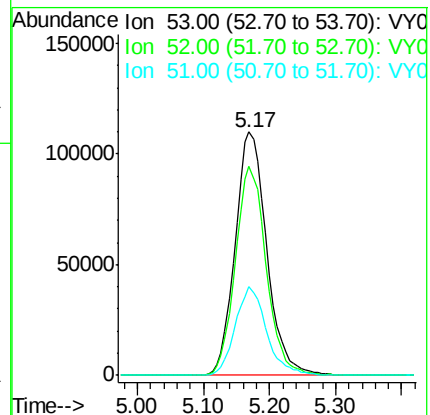
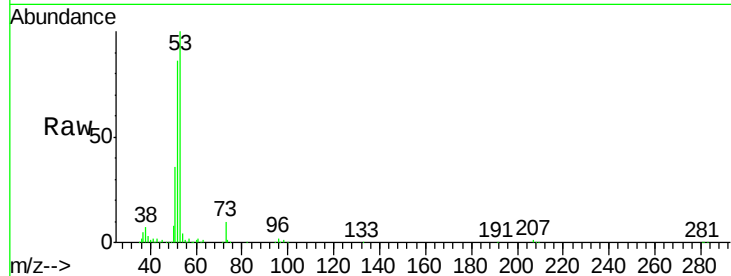
Tot Ion: 53 Resp: 364911

Ion Ratio Lower Upper

53 100

52 83.9 67.0 100.6

51 36.2 29.3 43.9



#16

Acetone

Concen: 254.516 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003386.D

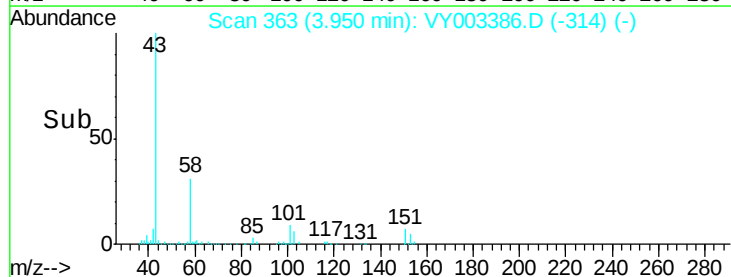
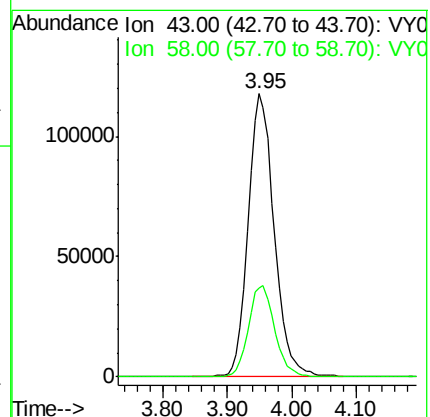
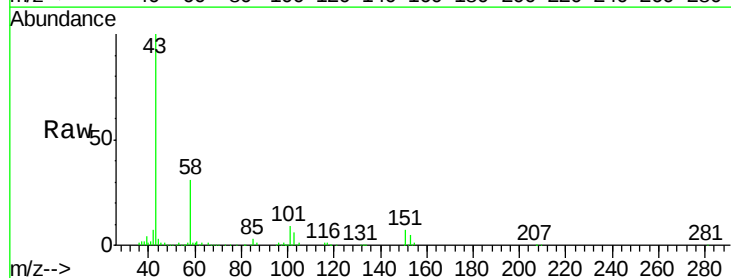
Acq: 31 Jul 2020 13:34

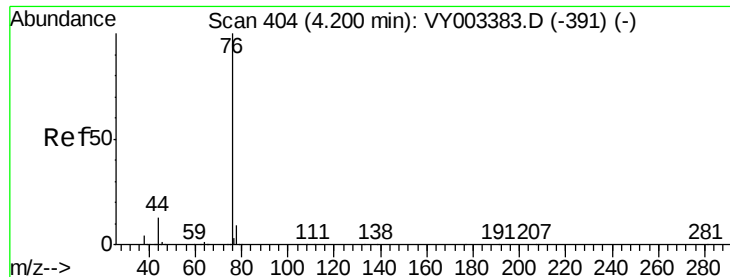
Tgt Ion: 43 Resp: 325757

Ion Ratio Lower Upper

43 100

58 31.2 25.4 38.2

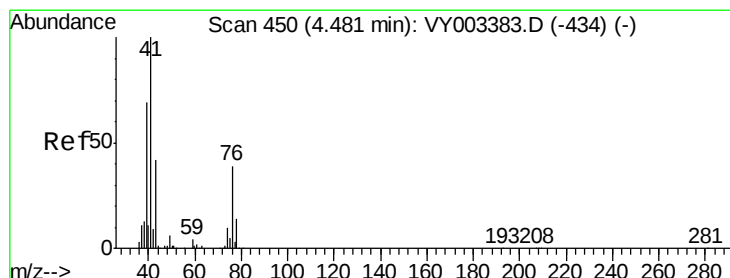
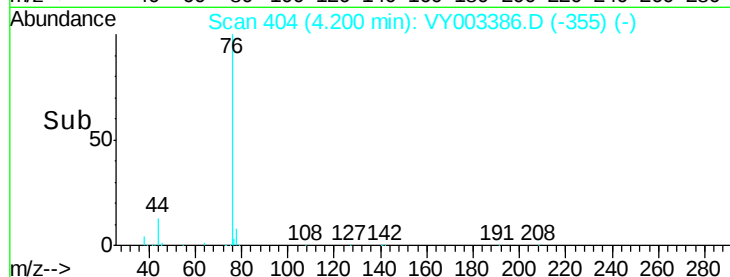
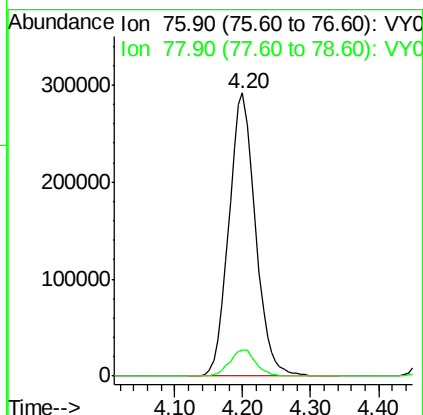
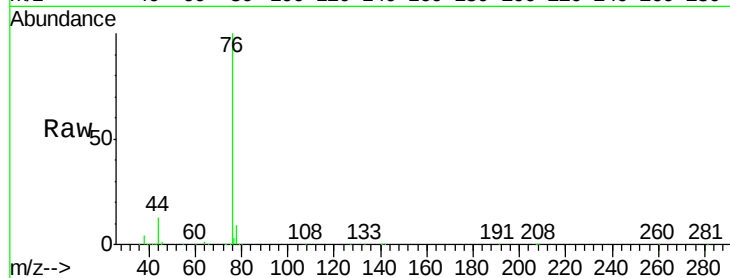




#17
Carbon Disulfide
Concen: 50.520 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

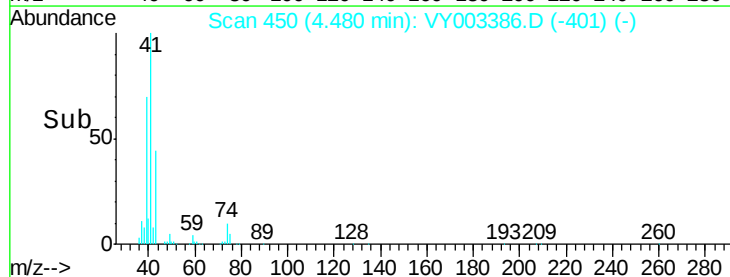
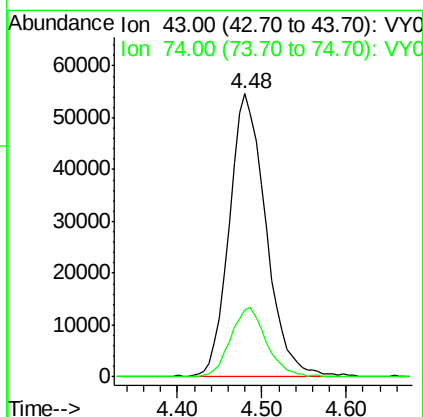
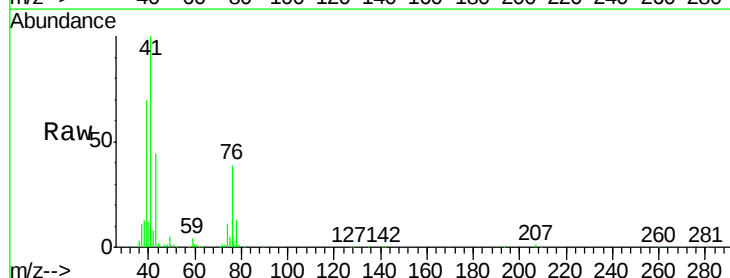
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY073120

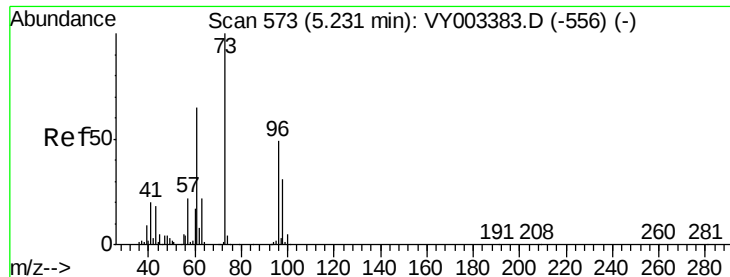
Tot Ion: 76 Resp: 790390
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 47.810 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion: 43 Resp: 161445
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8

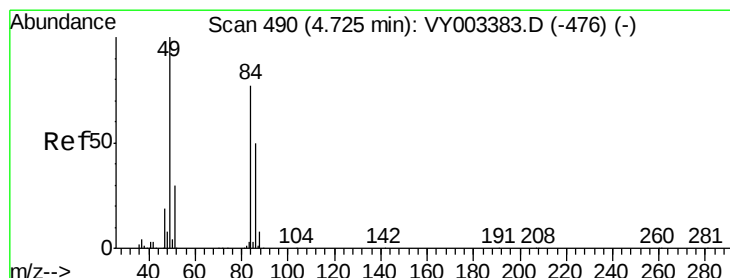
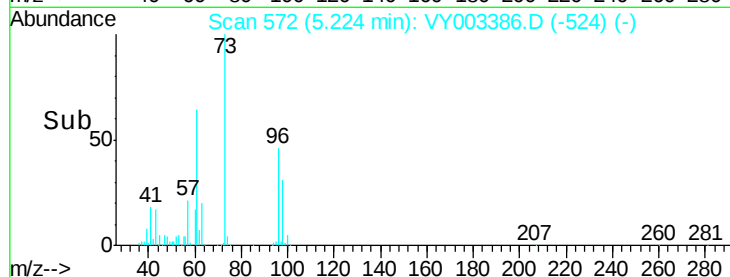
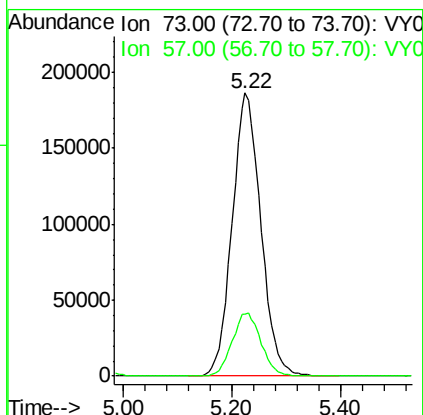
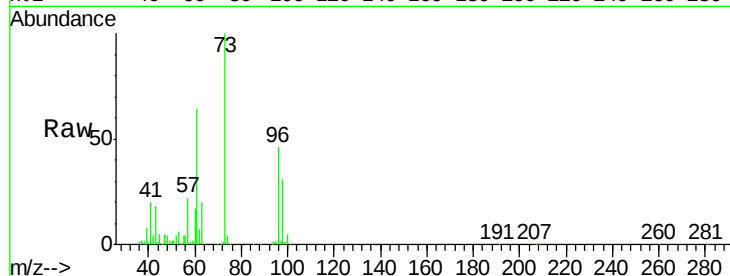




#19
Methvl tert-butvl Ether
Concen: 51.543 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

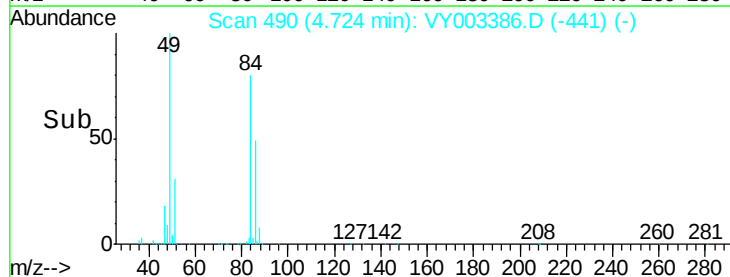
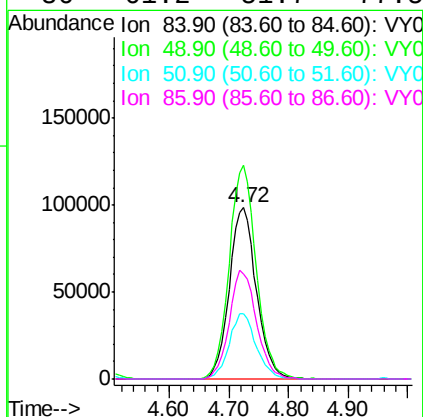
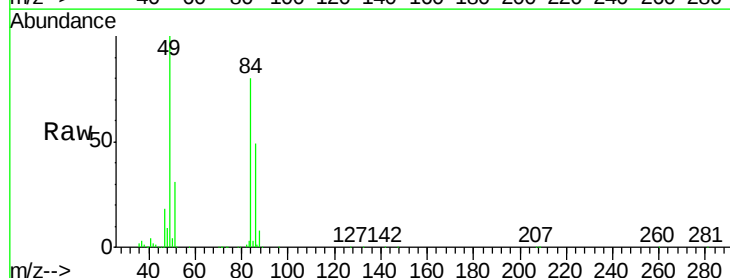
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY073120

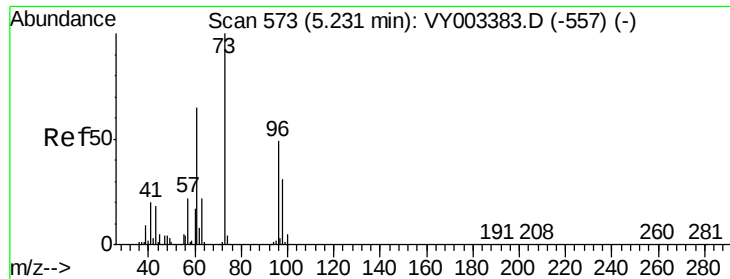
Tot Ion: 73 Resp: 683794
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8



#20
Methylene Chloride
Concen: 48.191 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion: 84 Resp: 311060
Ion Ratio Lower Upper
84 100
49 124.9 104.2 156.4
51 38.3 31.5 47.3
86 61.2 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 50.757 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY073120

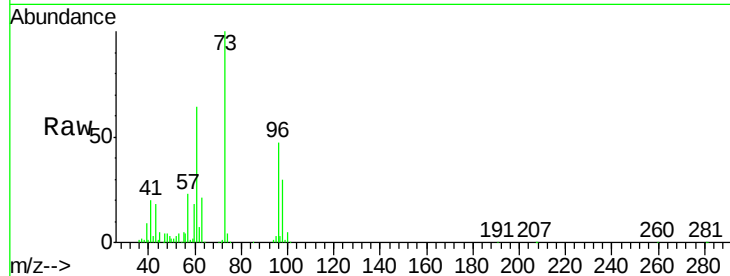
Tot Ion: 96 Resp: 275368

Ion Ratio Lower Upper

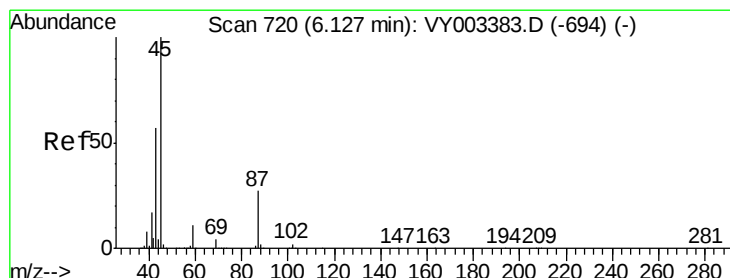
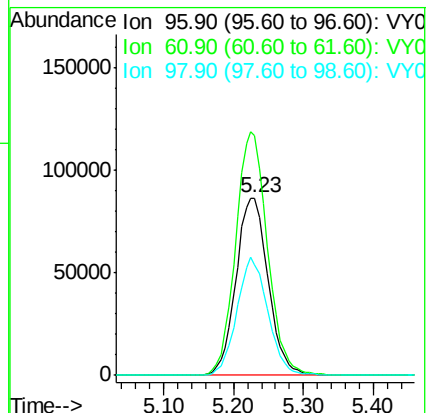
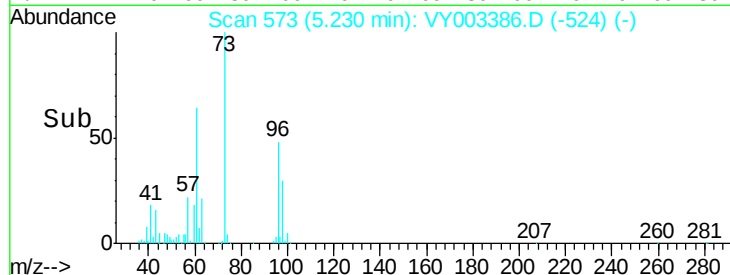
96 100

61 135.3 106.3 159.5

98 62.5 50.8 76.2



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



#22

Diisopropyl ether

Concen: 50.669 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Tgt Ion: 45 Resp: 855687

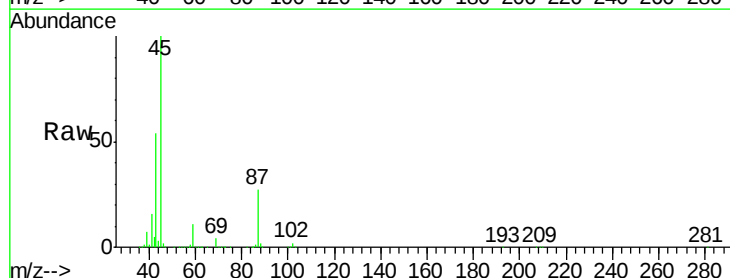
Ion Ratio Lower Upper

45 100

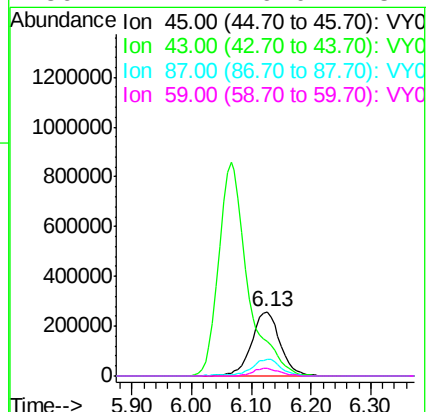
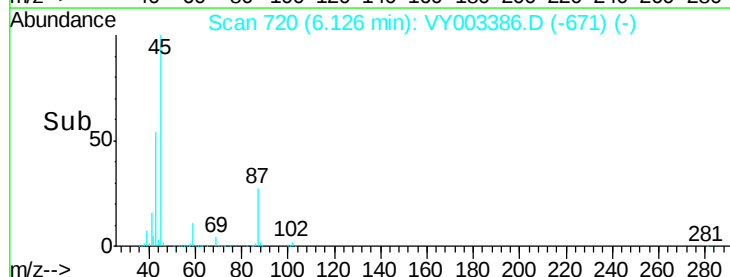
43 53.4 45.6 68.4

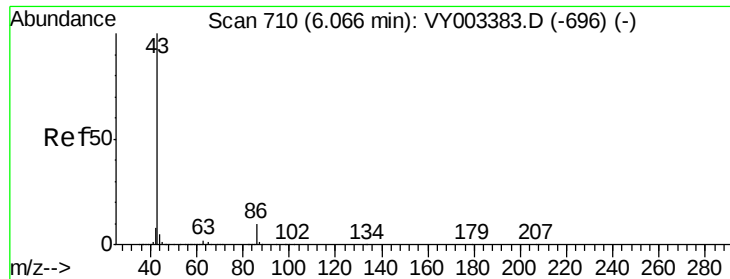
87 26.6 21.3 31.9

59 11.1 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 260.871 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

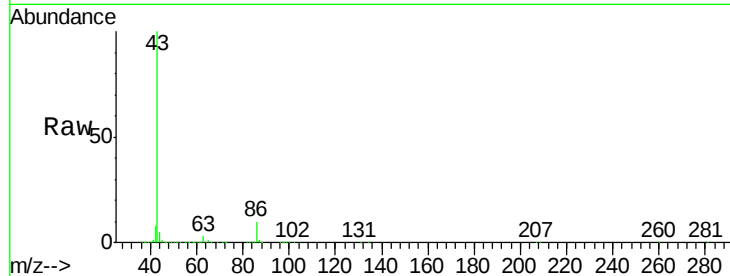
ICVY073120

Tot Ion: 43 Resp: 2886139

Ion Ratio Lower Upper

43 100

86 10.5 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

800000

600000

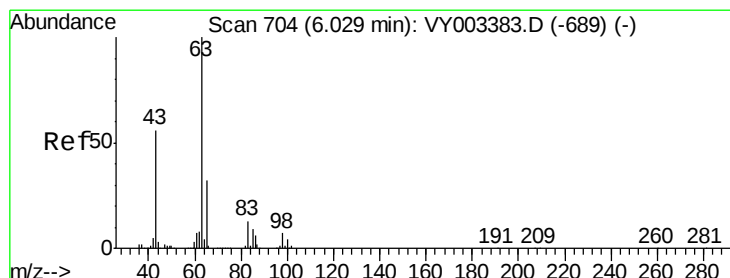
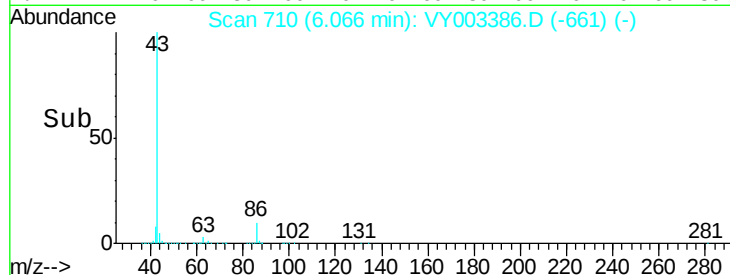
400000

200000

0

6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 50.649 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

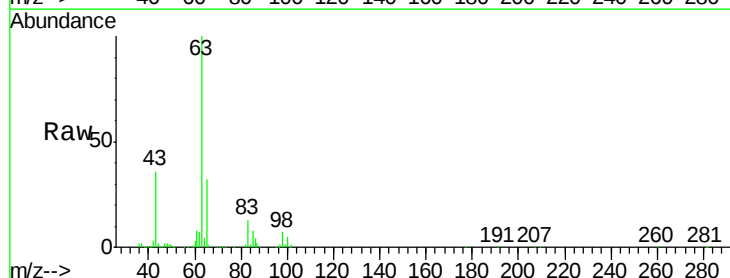
Tgt Ion: 63 Resp: 479331

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

100 5.2 2.2 6.6



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

6.02

200000

150000

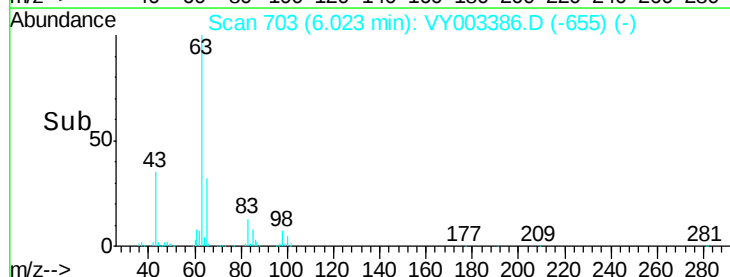
100000

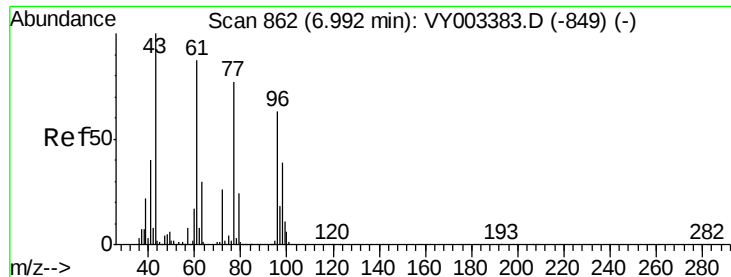
50000

0

5.90 6.10 6.20

Time-->





#25

2-Butanone

Concen: 253.067 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

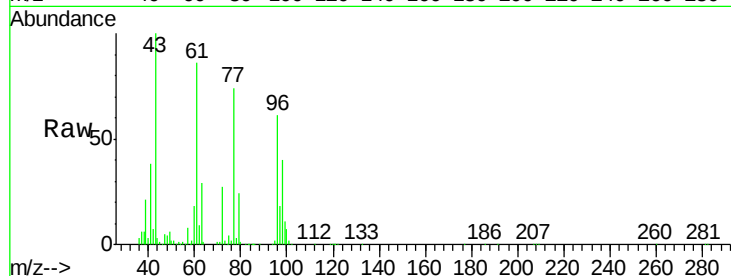
ICVY073120

Tot Ion: 43 Resp: 493601

Ion Ratio Lower Upper

43 100

72 27.5 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

6.99

200000

150000

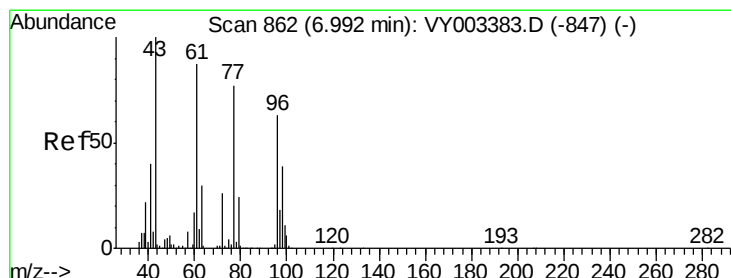
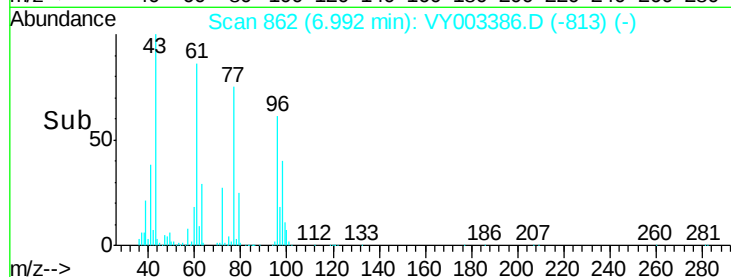
100000

50000

0

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 51.567 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003386.D

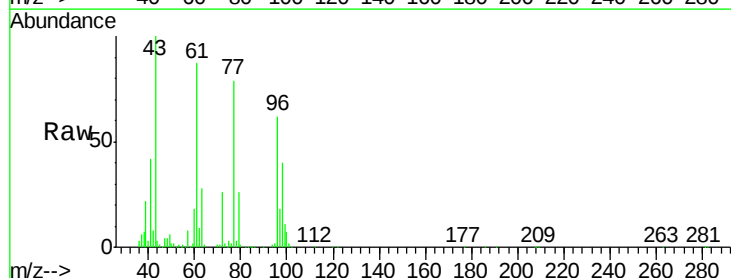
Acq: 31 Jul 2020 13:34

Tgt Ion: 77 Resp: 435451

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

150000

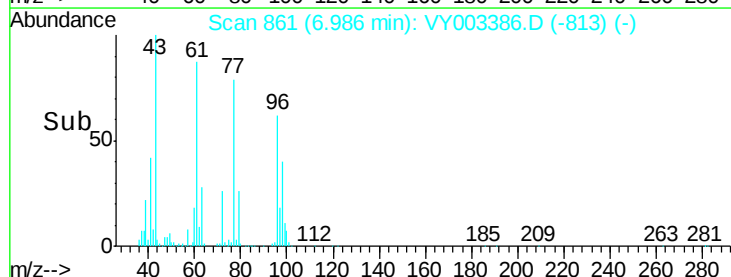
100000

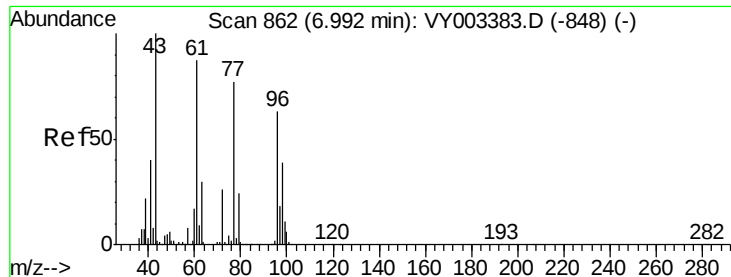
50000

0

6.80 6.90 7.00 7.10 7.20

Time-->



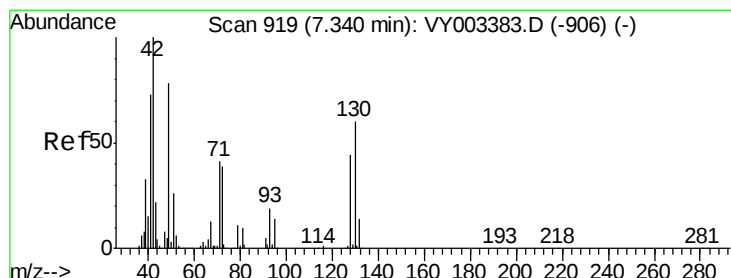
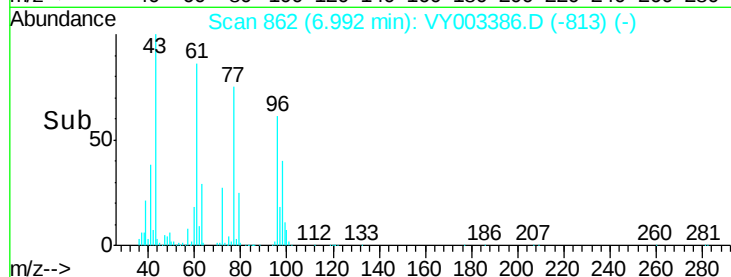
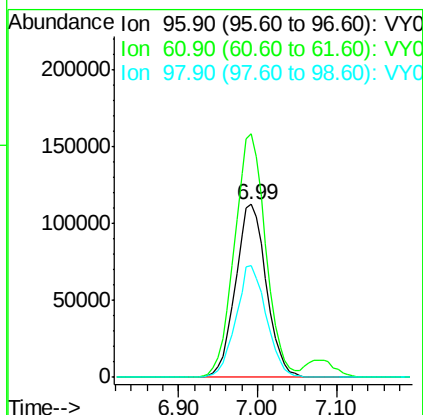
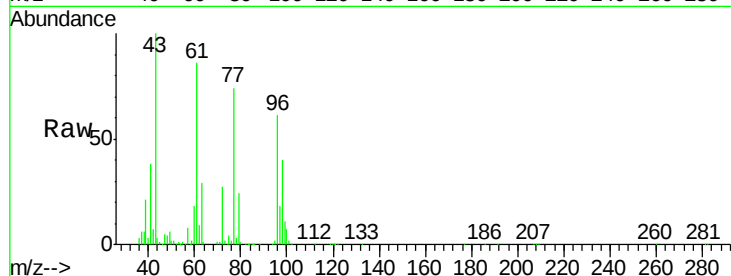


#27

cis-1,2-Dichloroethene
 Concen: 51.440 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

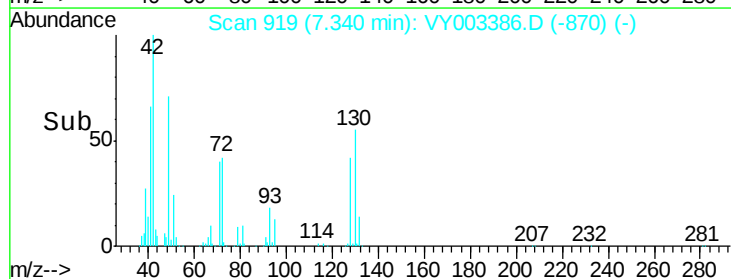
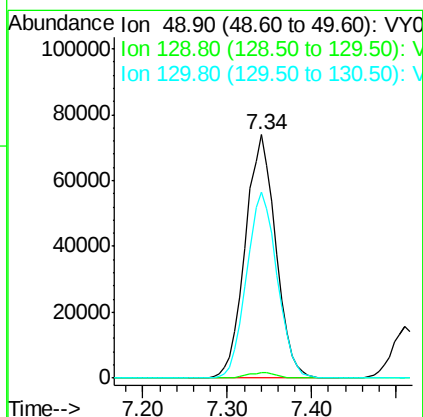
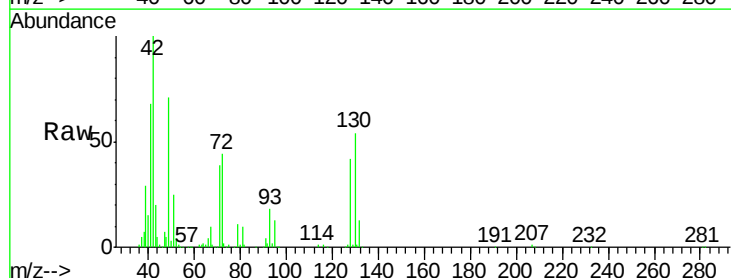
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	290.0
98	63.9	0.0	129.0

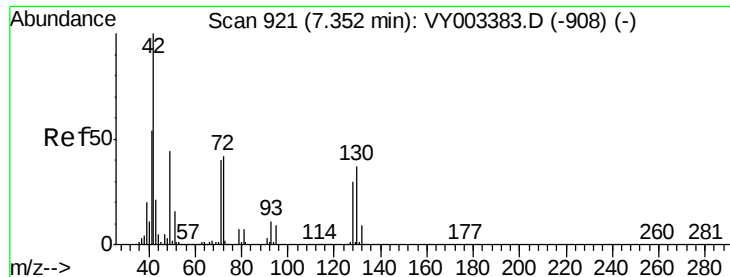


#28

Bromochloromethane
 Concen: 49.157 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	76.9	60.3	90.5

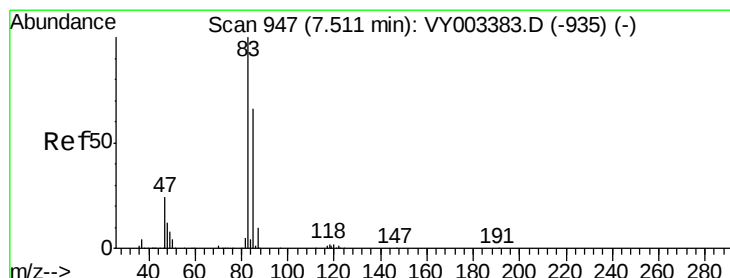
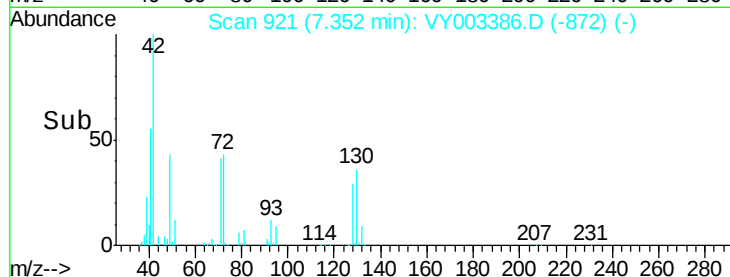
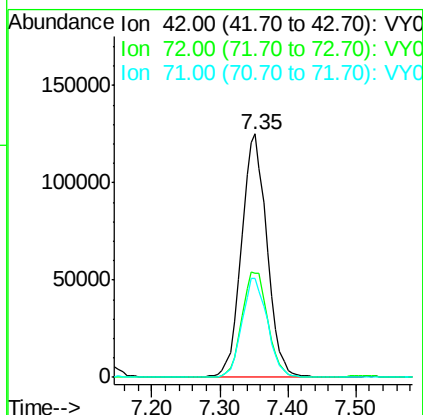
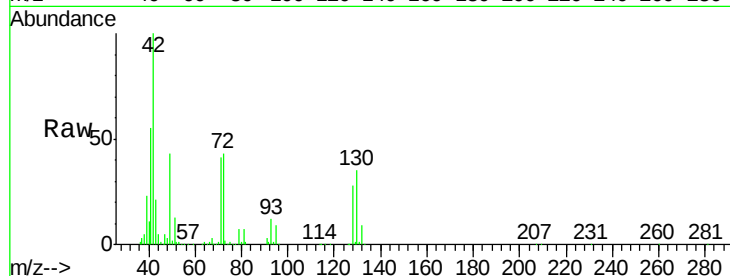




#29
Tetrahydrofuran
Concen: 255.717 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

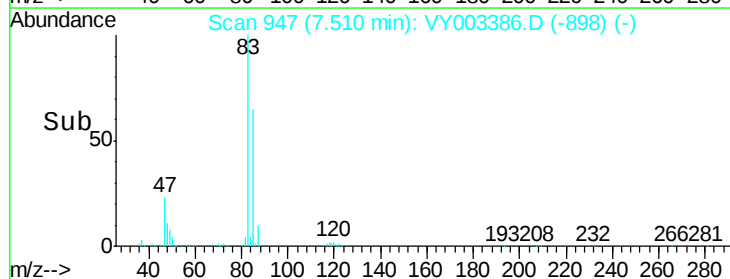
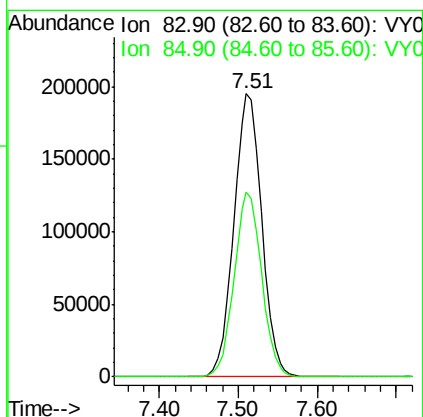
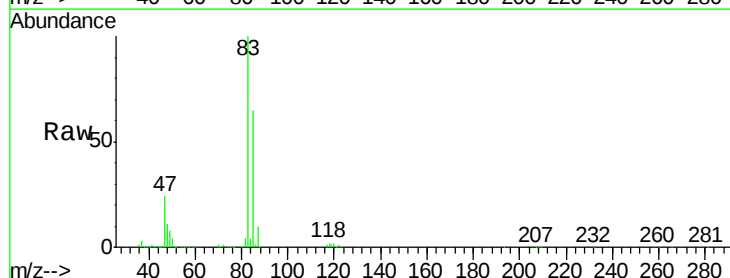
Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

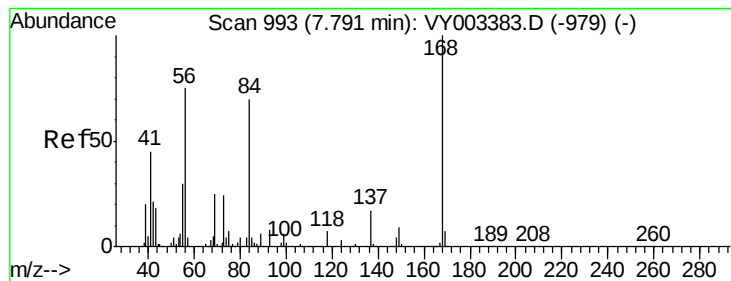
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	33.5	50.3
71	40.5	32.1	48.1



#30
Chloroform
Concen: 51.084 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.5	78.7





#31

Cvclohexane

Concen: 49.391 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY073120

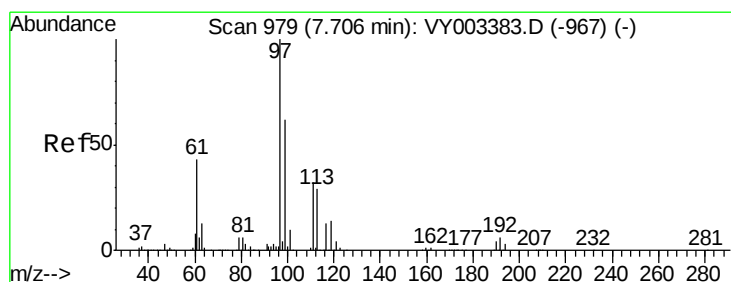
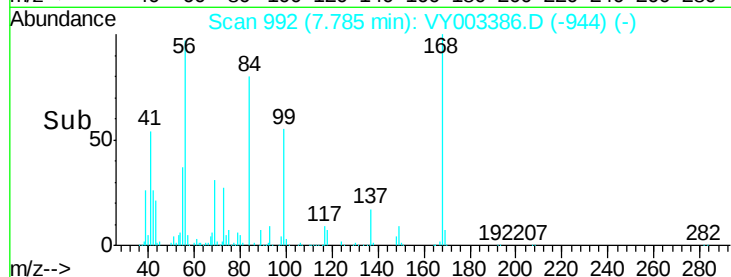
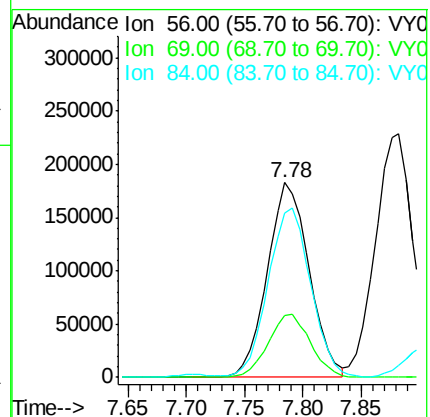
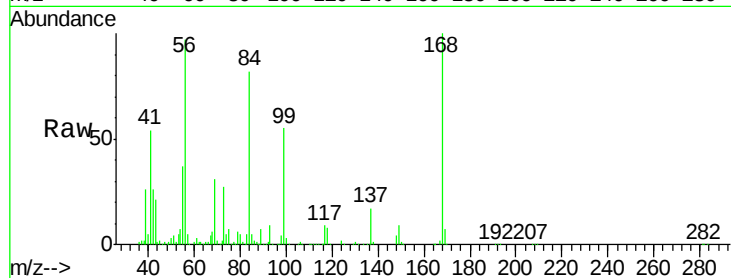
Tot Ion: 56 Resp: 453530

Ion Ratio Lower Upper

56 100

69 31.9 26.1 39.1

84 82.7 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 50.734 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

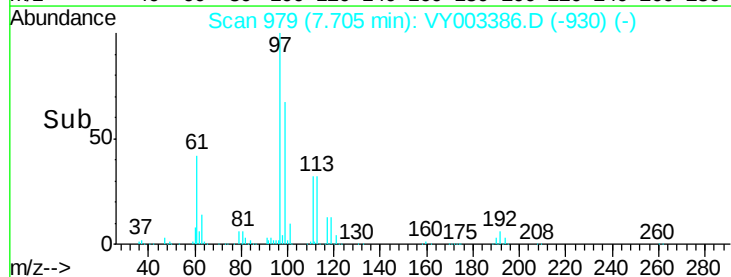
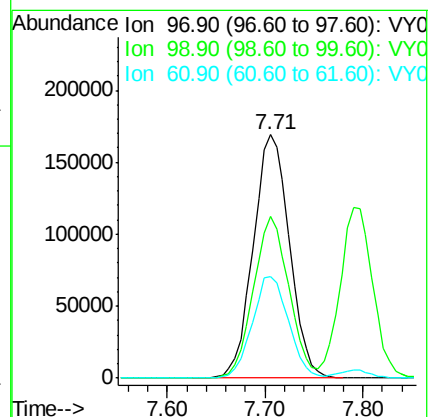
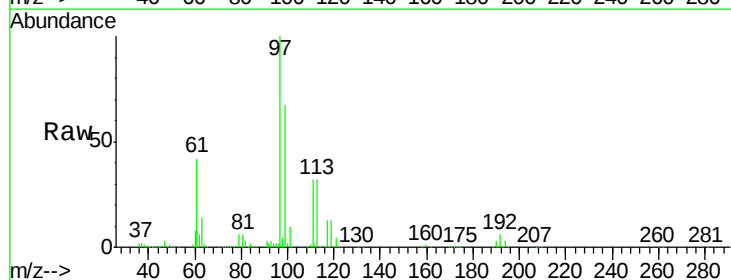
Tgt Ion: 97 Resp: 434510

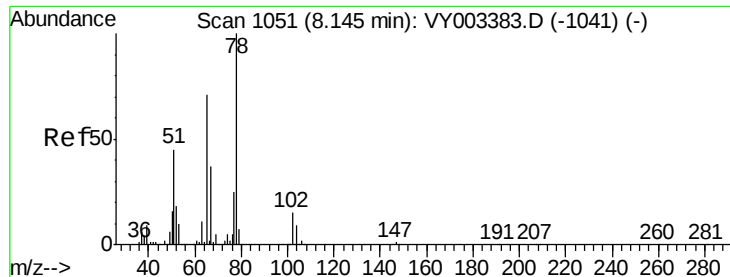
Ion Ratio Lower Upper

97 100

99 65.2 50.9 76.3

61 42.0 33.7 50.5

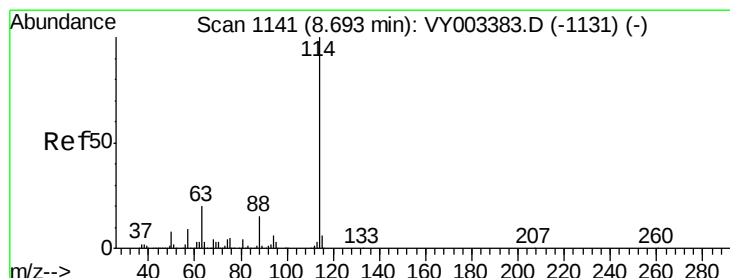
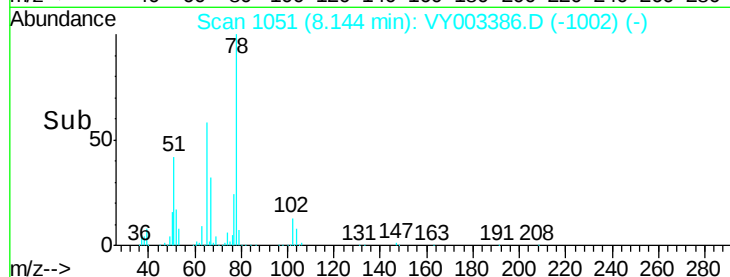
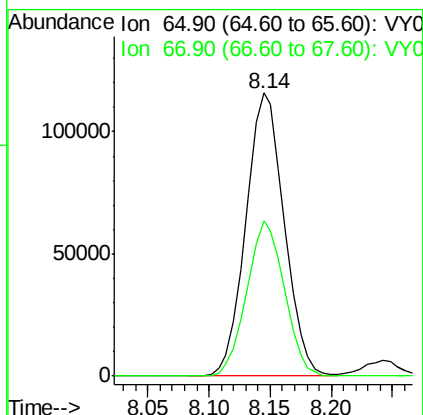
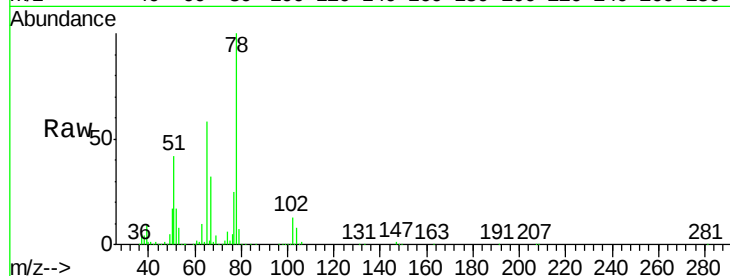




#33
 1,2-Dichloroethane-d4
 Concen: 48.912 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

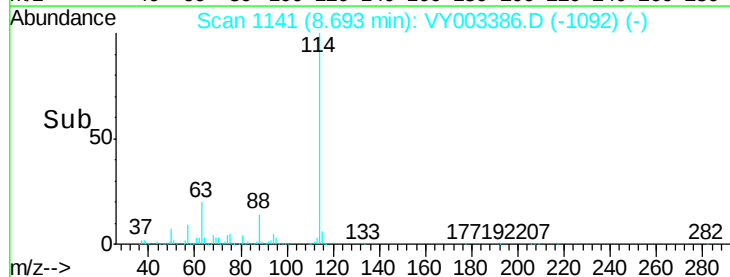
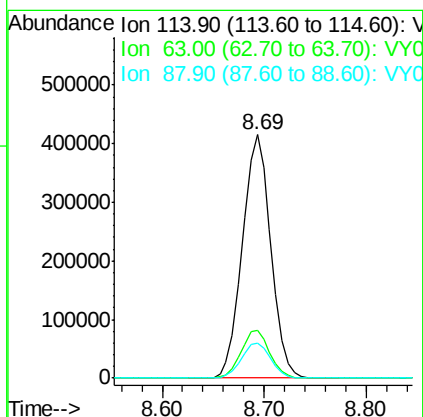
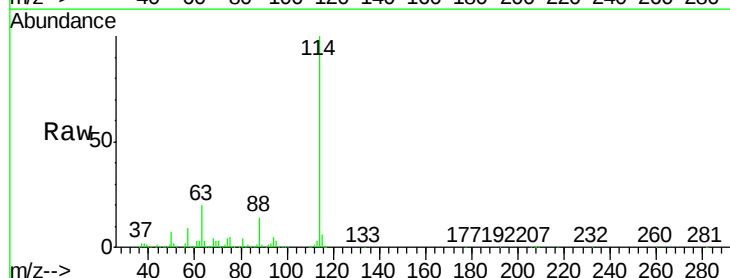
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

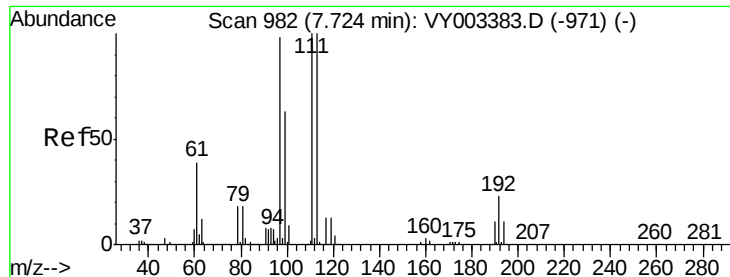
Tot Ion: 65 Resp: 253372
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion: 114 Resp: 802214
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.6
 88 14.2 0.0 29.2

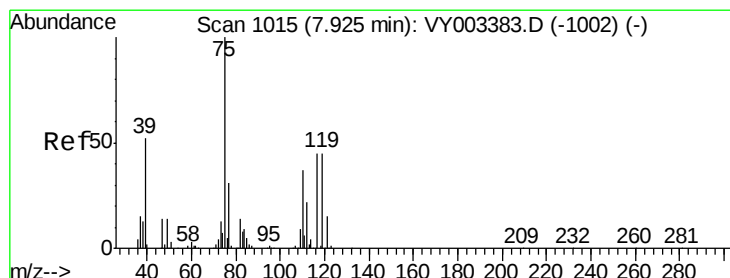
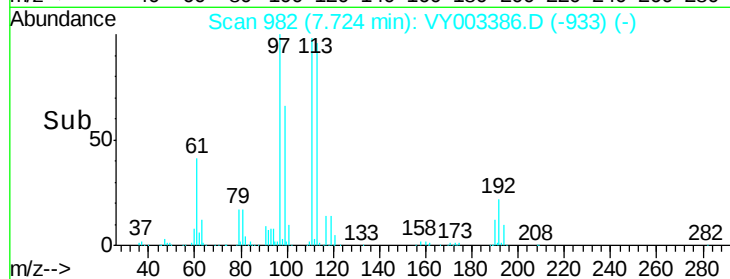
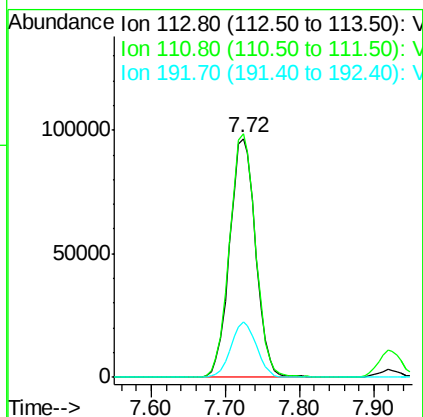
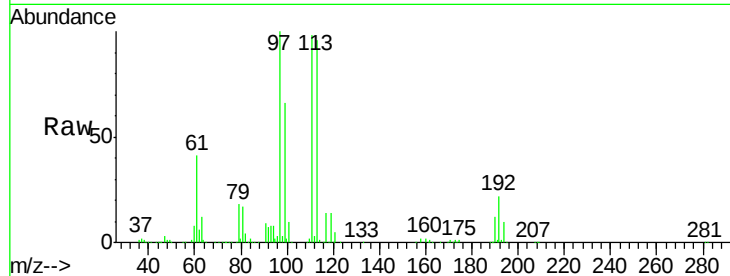




#35
 Dibromofluoromethane
 Concen: 50.012 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

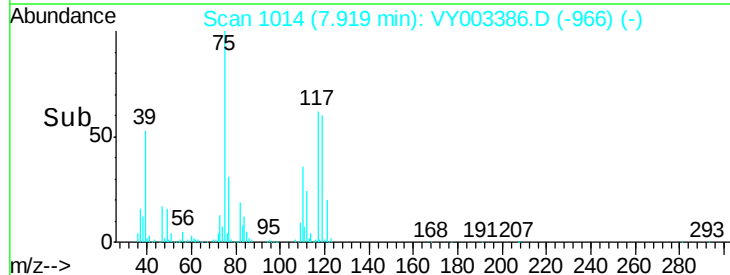
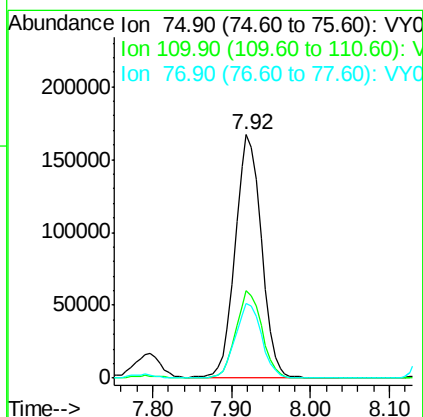
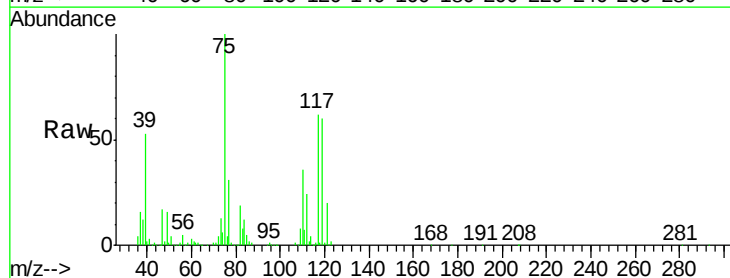
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

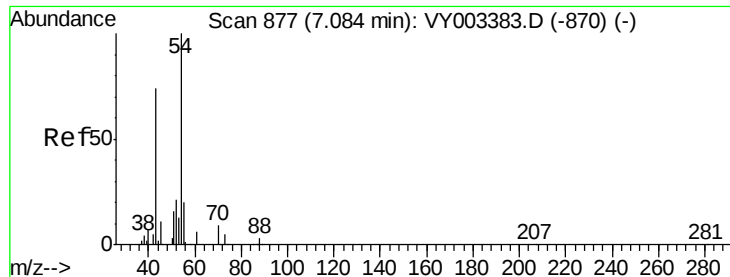
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	22.8	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 50.753 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.8	53.5
77	31.0	24.6	36.8

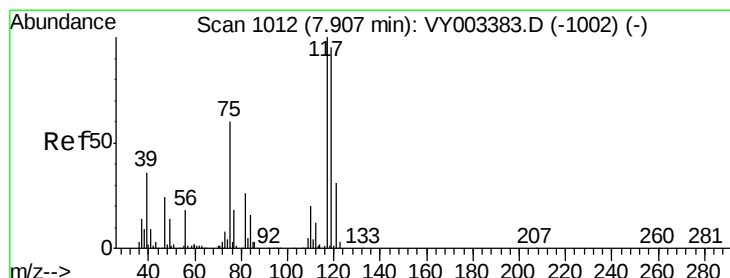
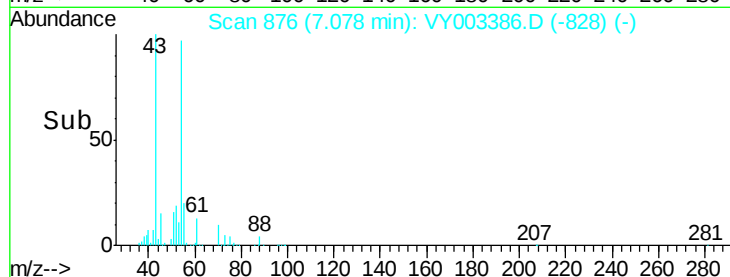
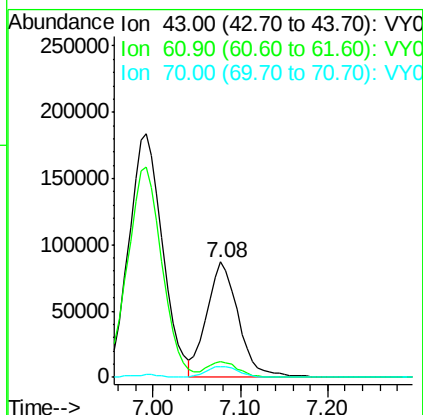
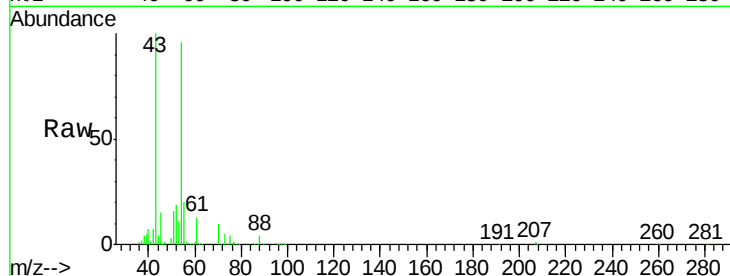




#37
Ethyl Acetate
Concen: 50.654 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

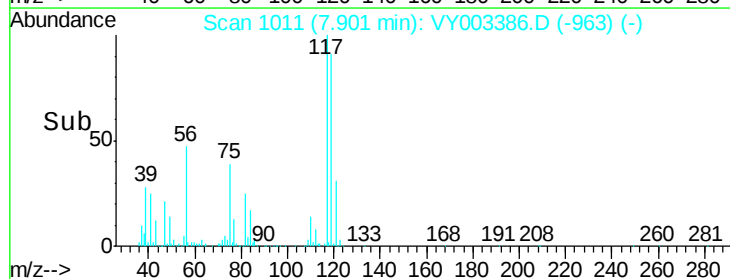
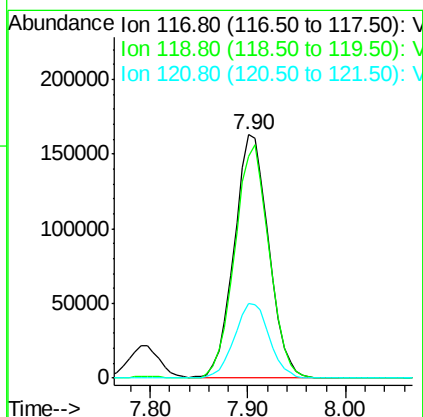
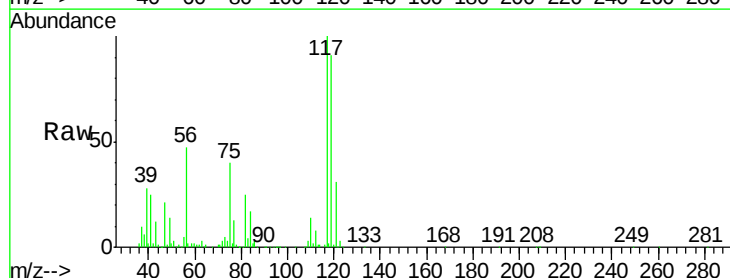
Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

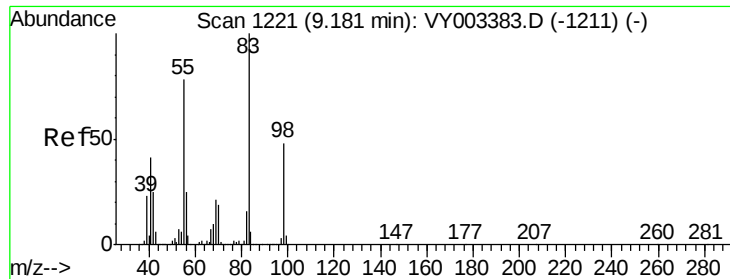
Tot Ion: 43 Resp: 218653
Ion Ratio Lower Upper
43 100
61 13.2 11.2 16.8
70 10.1 7.7 11.5



#38
Carbon Tetrachloride
Concen: 51.010 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion: 117 Resp: 398469
Ion Ratio Lower Upper
117 100
119 91.3 76.1 114.1
121 30.9 24.5 36.7

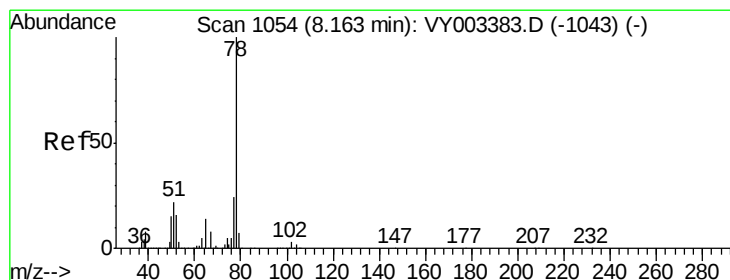
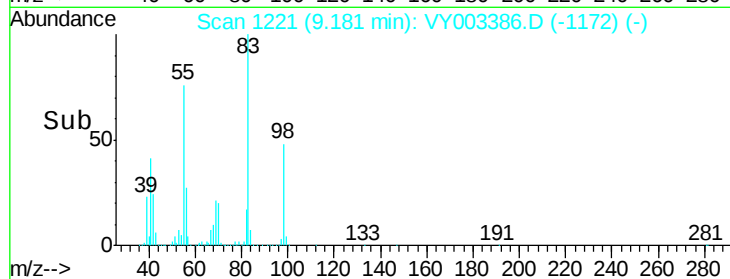
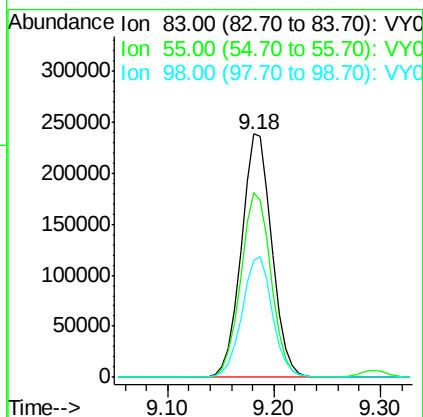
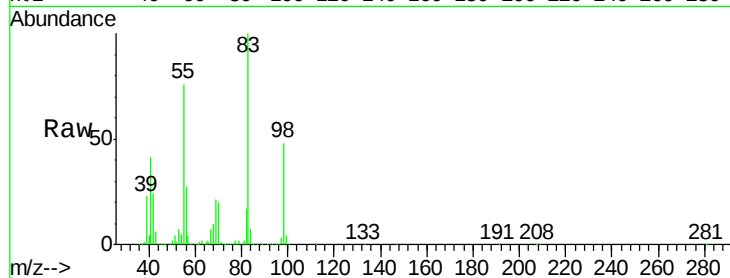




#39
Methylvlcyclohexane
Concen: 51.850 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

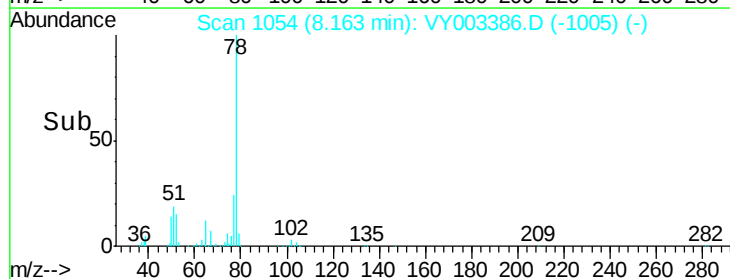
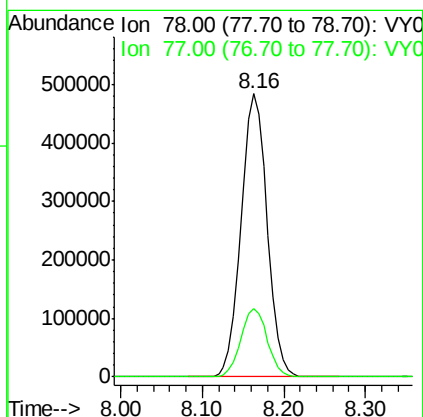
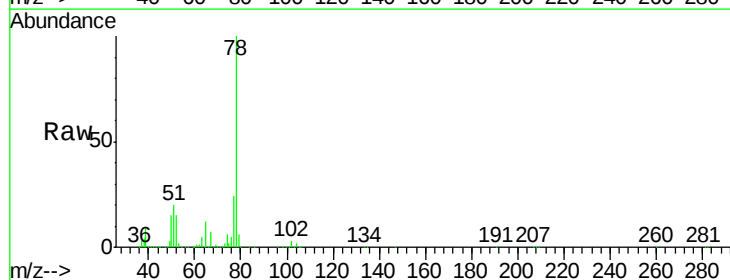
Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

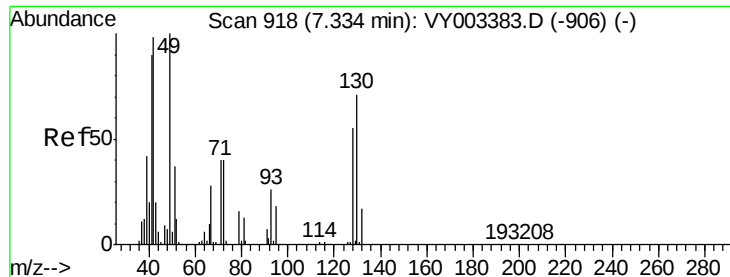
Tot Ion: 83 Resp: 480278
Ion Ratio Lower Upper
83 100
55 75.9 62.2 93.4
98 48.0 38.7 58.1



#40
Benzene
Concen: 50.717 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion: 78 Resp: 1068274
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

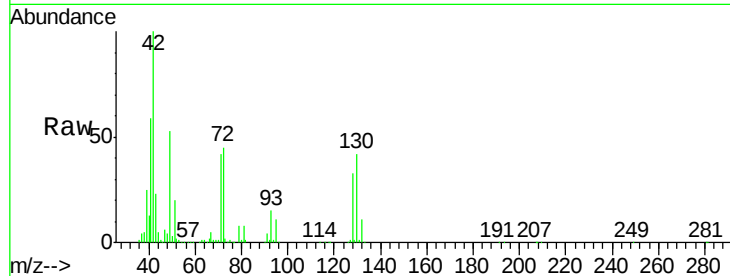




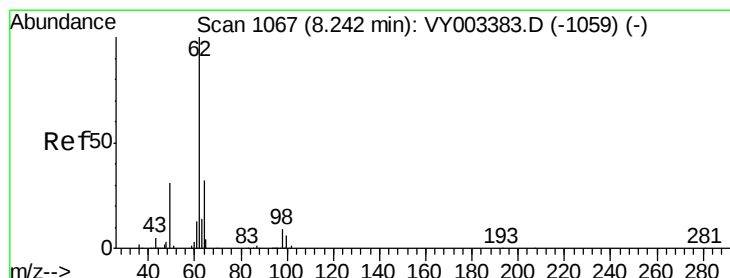
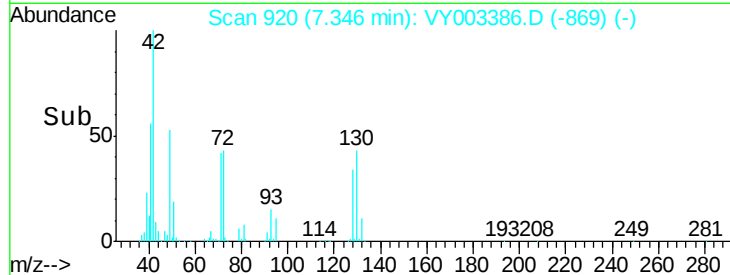
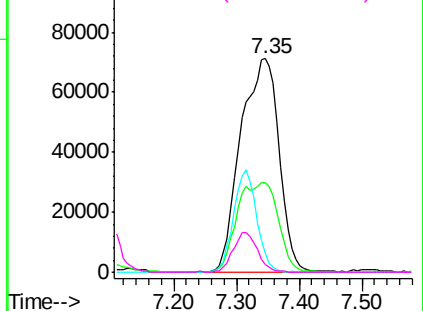
#41
Methacrylonitrile
Concen: 121.568 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY073120

Tot Ion	Ratio	Lower	Upper
41	100		
39	45.0	78.3	117.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

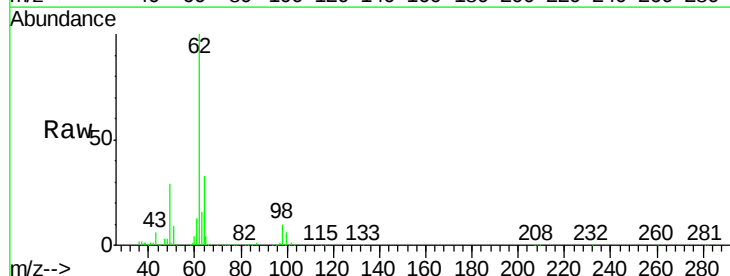


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

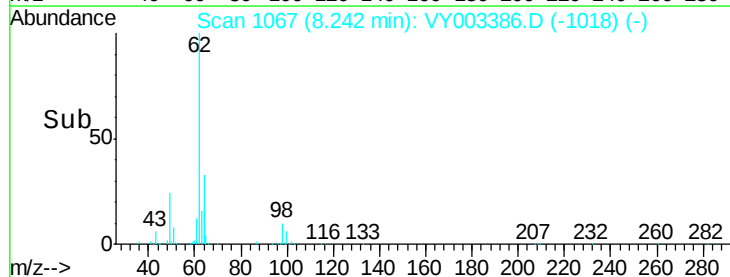
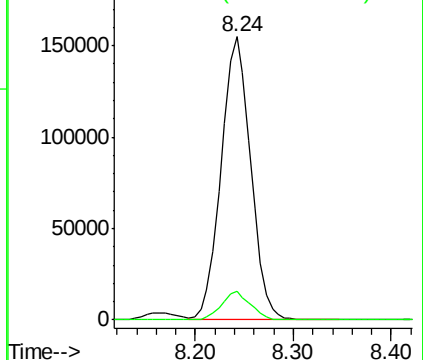


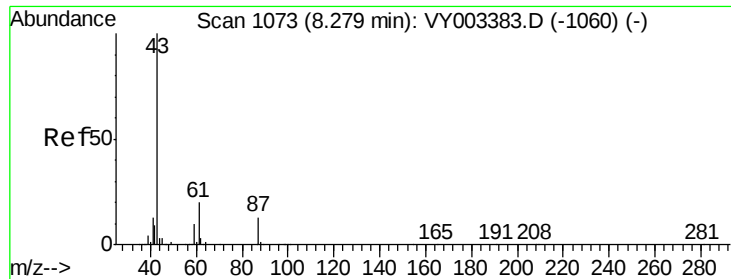
#42
1,2-Dichloroethane
Concen: 50.612 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 51.343 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY073120

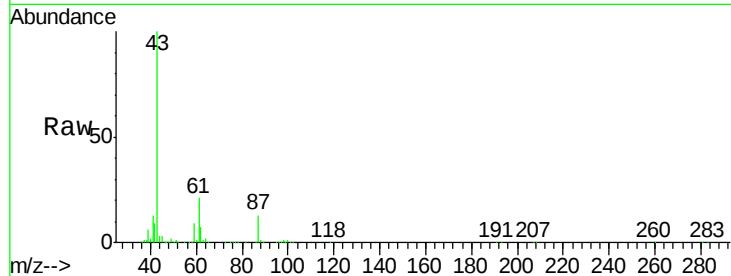
Tot Ion: 43 Resp: 418310

Ion Ratio Lower Upper

43 100

61 28.2 23.0 34.4

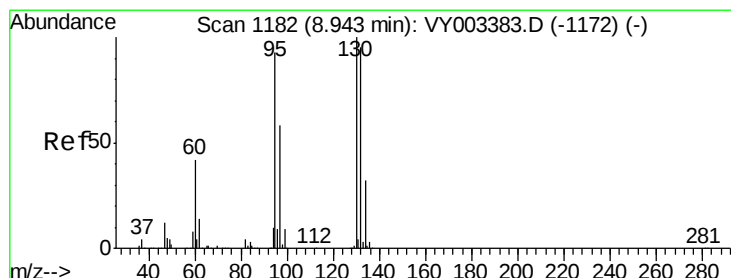
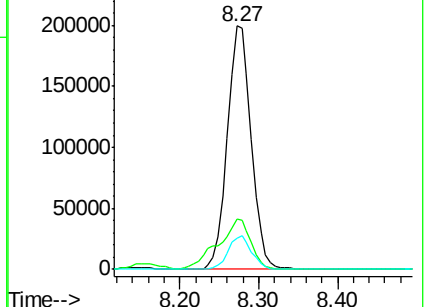
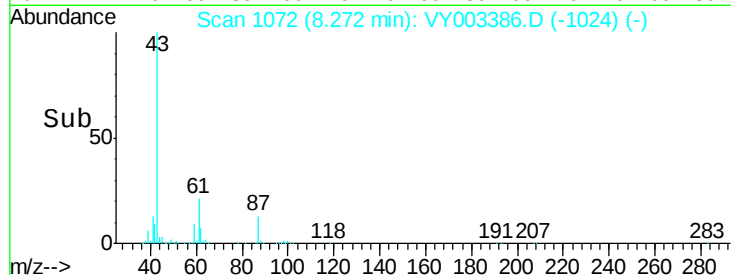
87 13.4 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY003386.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003386.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003386.D (-1024) (-)



#44

Trichloroethene

Concen: 50.422 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003386.D

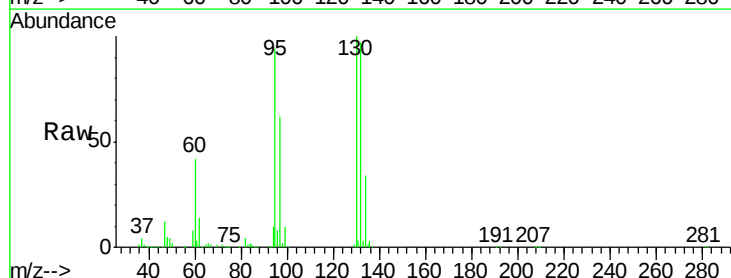
Acq: 31 Jul 2020 13:34

Tgt Ion:130 Resp: 305449

Ion Ratio Lower Upper

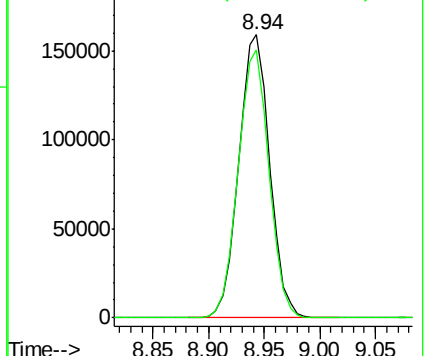
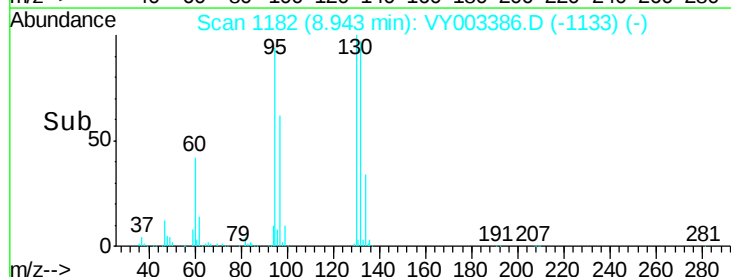
130 100

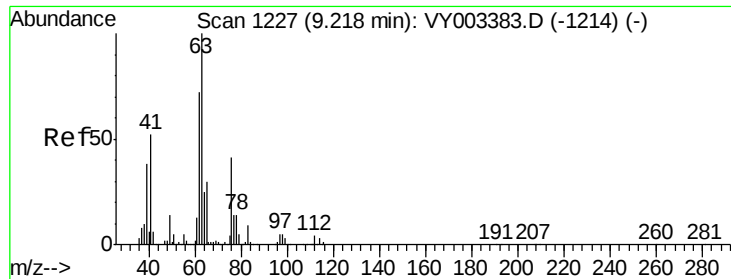
95 94.5 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): VY003386.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003386.D (-1133) (-)

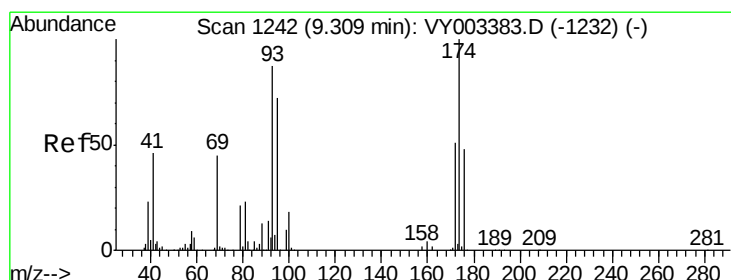
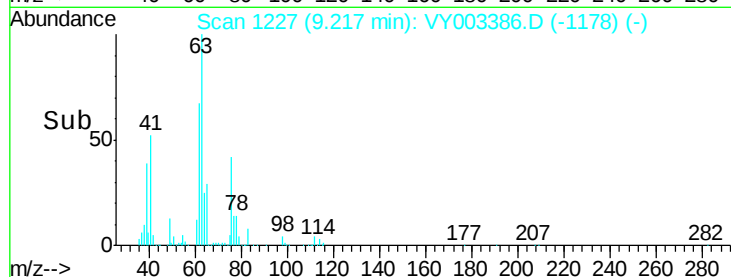
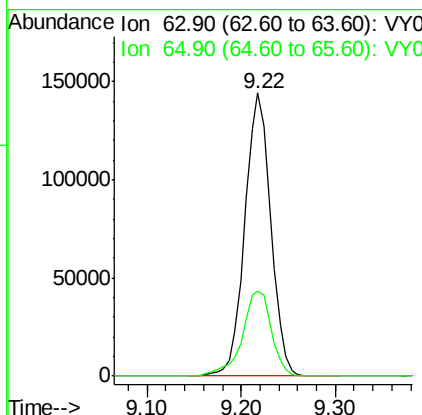
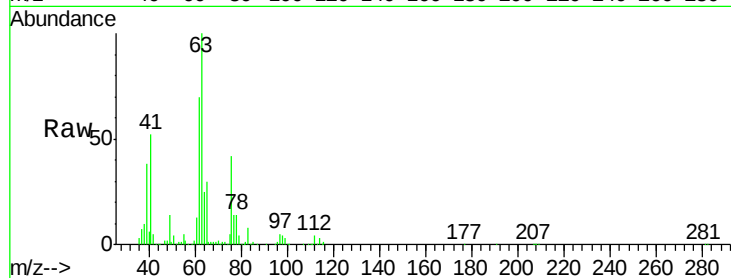




#45
 1,2-Dichloropropane
 Concen: 50.522 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

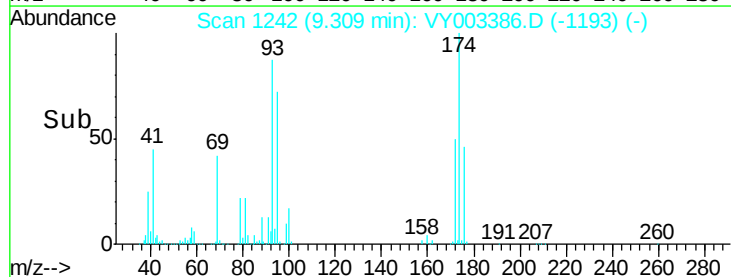
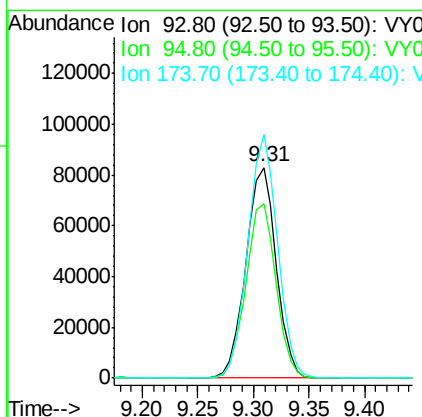
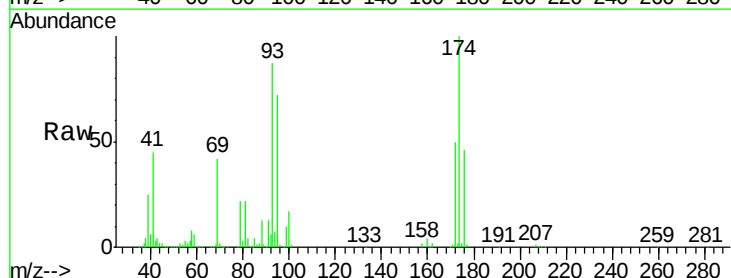
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

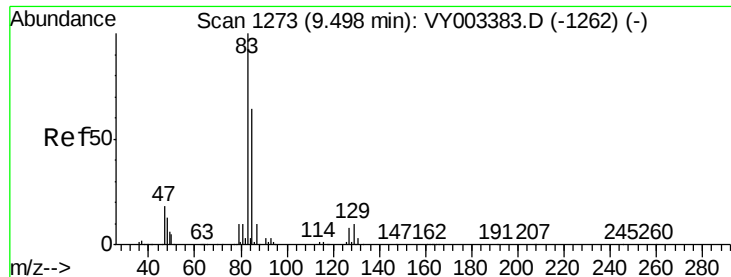
Tot Ion: 63 Resp: 278678
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.8 35.8



#46
 Dibromomethane
 Concen: 50.926 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion: 93 Resp: 157603
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.4 98.0
 174 113.2 88.6 133.0





#47

Bromodichloromethane

Concen: 51.320 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY073120

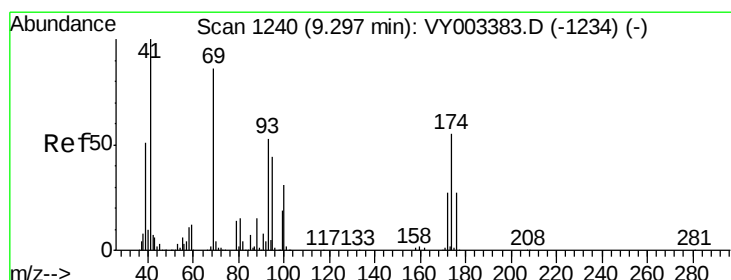
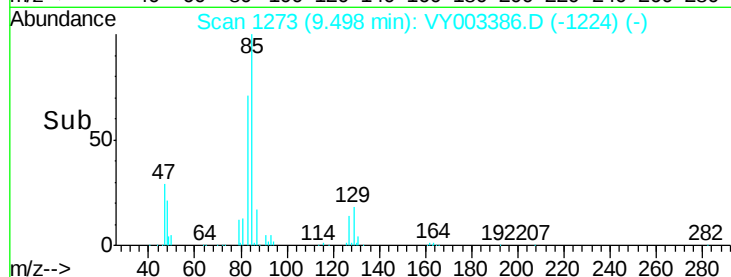
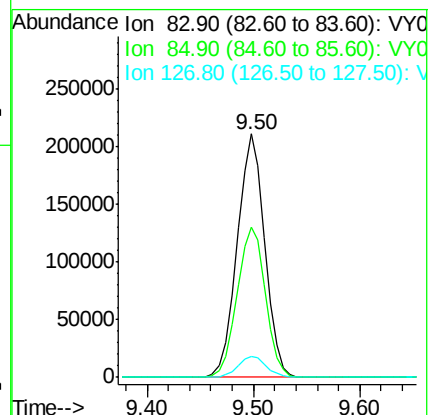
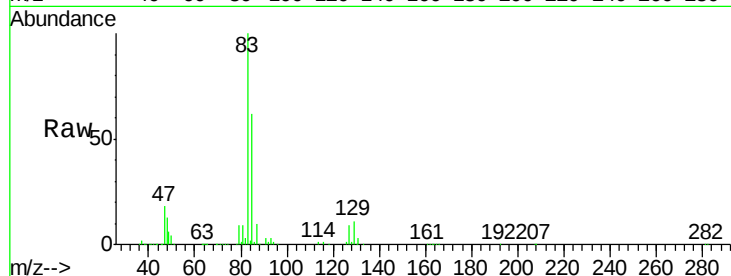
Tot Ion: 83 Resp: 382712

Ion Ratio Lower Upper

83 100

85 61.8 51.6 77.4

127 8.5 6.5 9.7



#48

Methyl methacrylate

Concen: 52.014 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

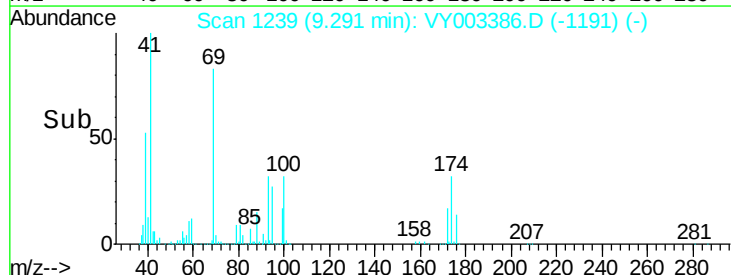
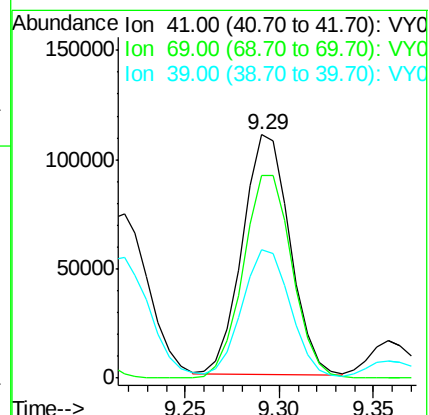
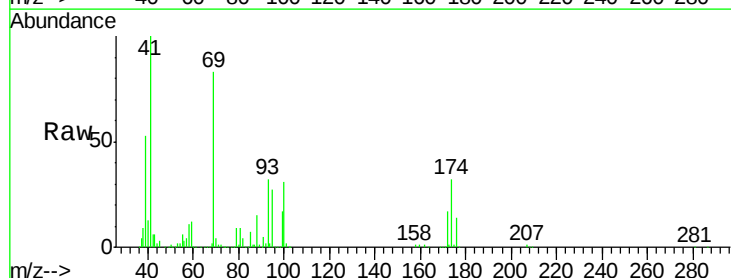
Tgt Ion: 41 Resp: 191288

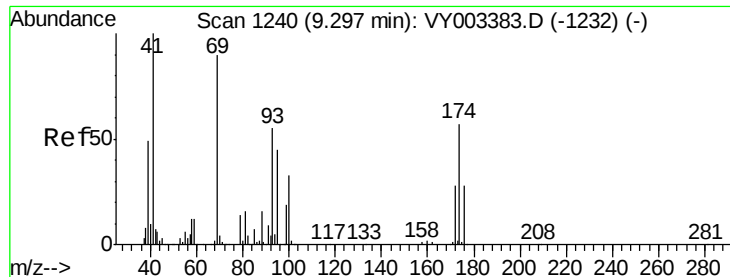
Ion Ratio Lower Upper

41 100

69 88.2 68.9 103.3

39 53.2 43.1 64.7

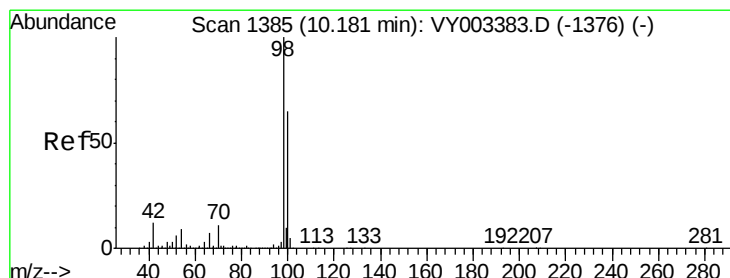
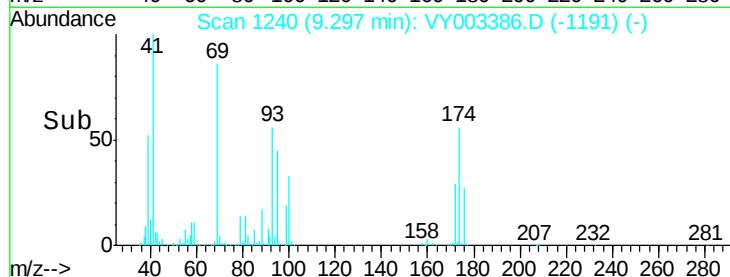
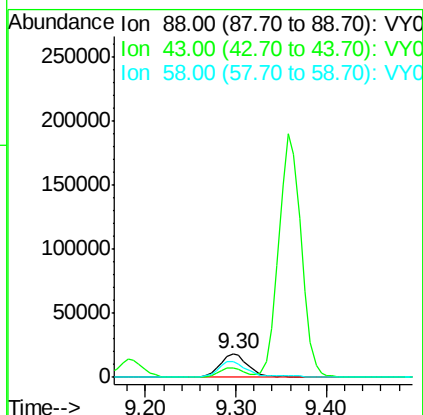
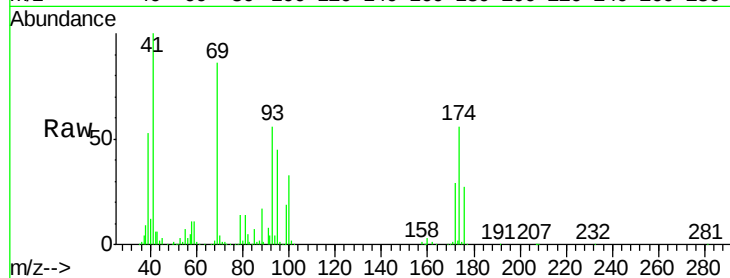




#49
1,4-Dioxane
Concen: 1031.963 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

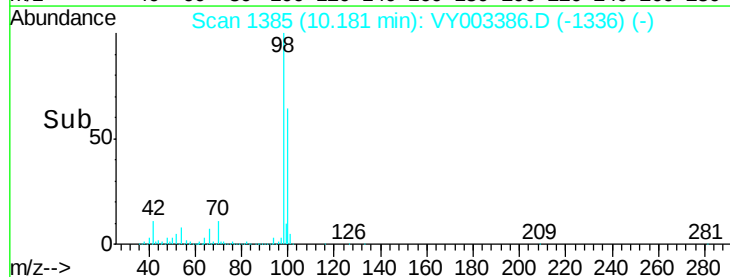
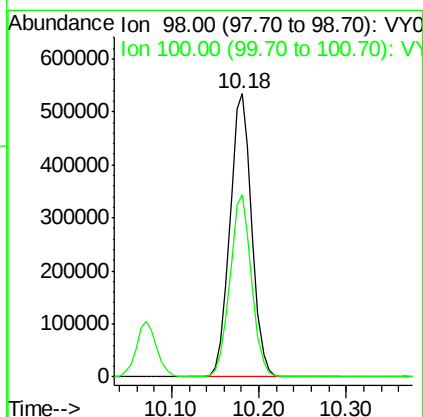
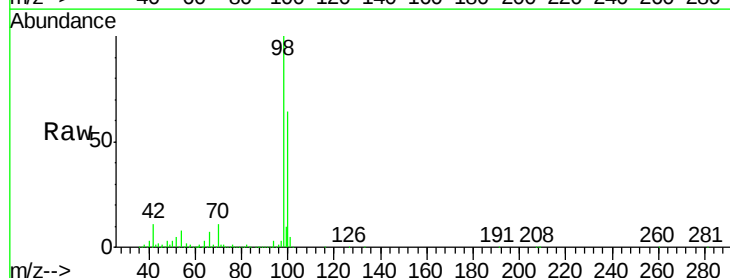
Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

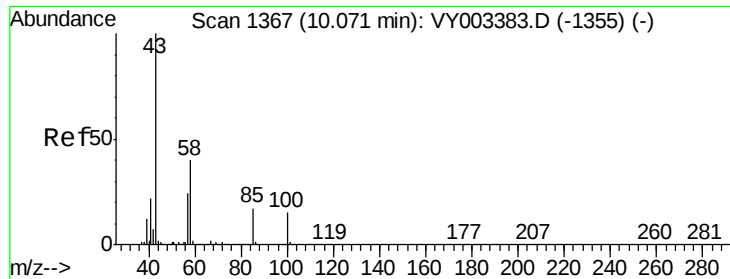
Tot Ion: 88 Resp: 41335
Ion Ratio Lower Upper
88 100
43 34.0 24.9 37.3
58 67.1 54.3 81.5



#50
Toluene-d8
Concen: 50.012 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion: 98 Resp: 925447
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 257.159 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

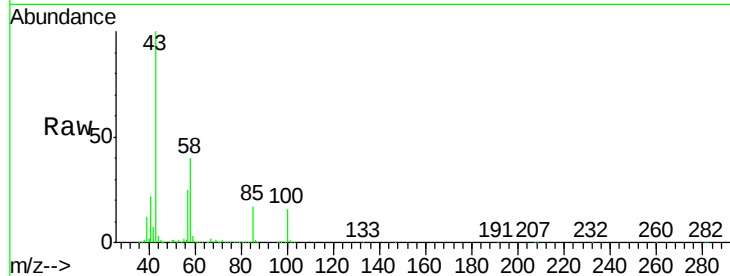
ICVY073120

Tot Ion: 43 Resp: 1097981

Ion Ratio Lower Upper

43 100

58 39.7 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

600000

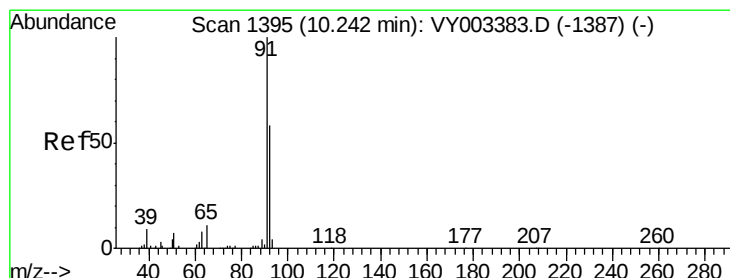
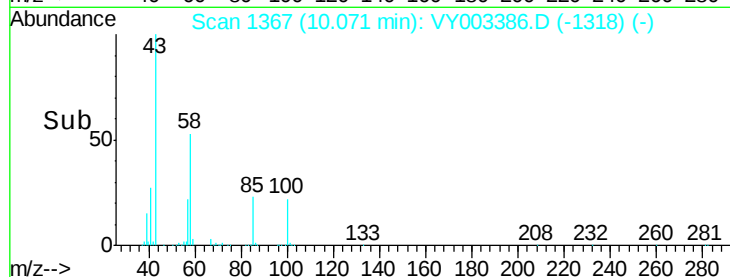
400000

200000

0

Time-->

10.00 10.10



#52

Toluene

Concen: 51.064 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003386.D

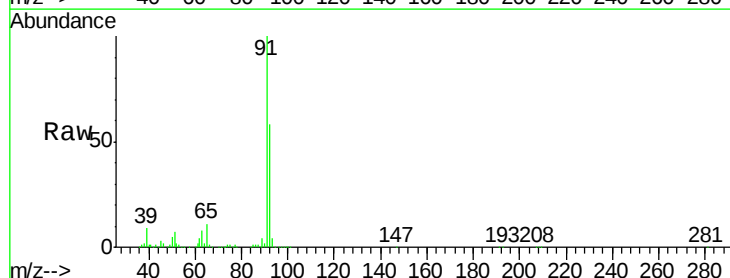
Acq: 31 Jul 2020 13:34

Tgt Ion: 92 Resp: 674571

Ion Ratio Lower Upper

92 100

91 175.5 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

800000

600000

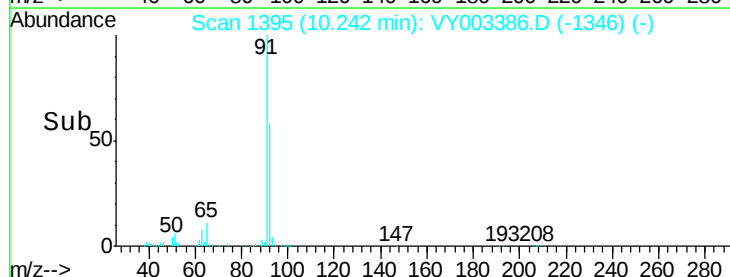
400000

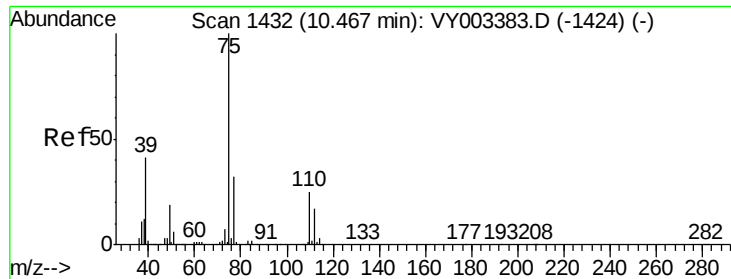
200000

0

Time-->

10.10 10.20 10.30





#53

t-1,3-Dichloropropene

Concen: 51.734 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampled :

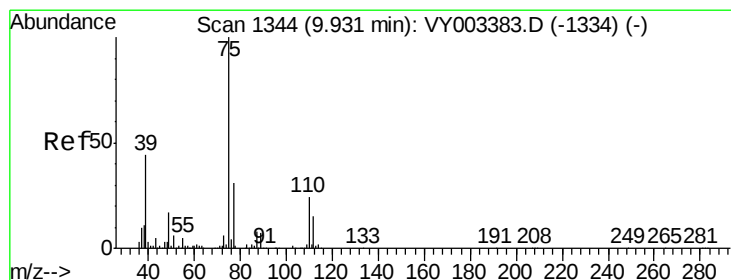
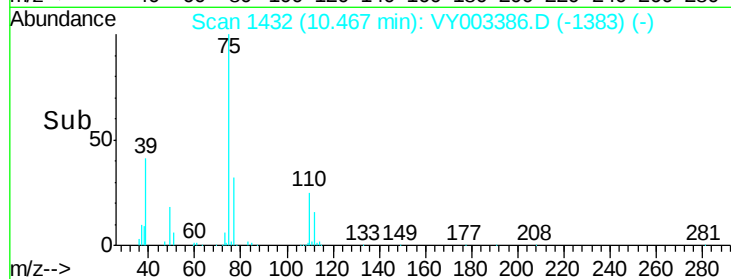
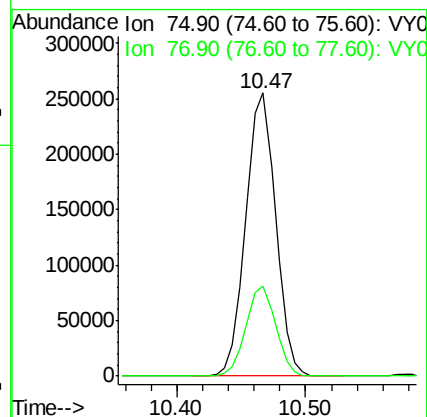
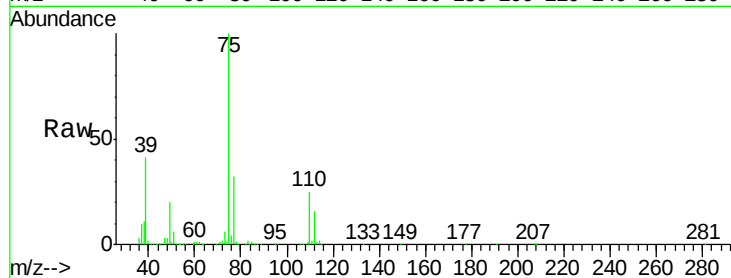
ICVY073120

Tot Ion: 75 Resp: 409476

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.731 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

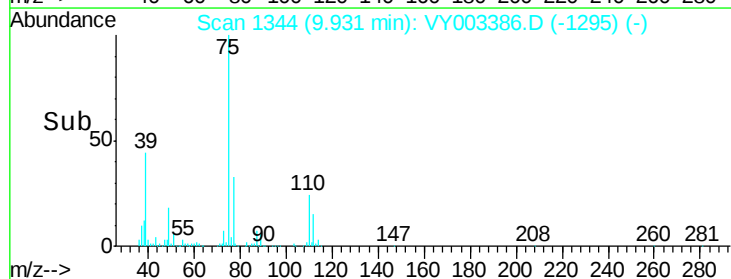
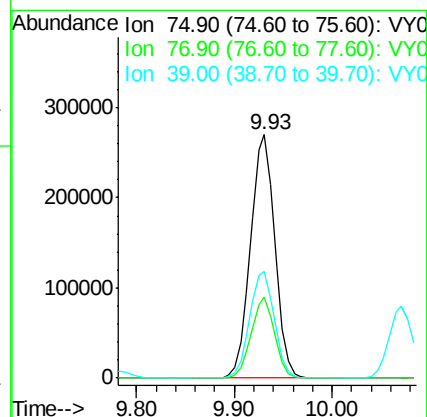
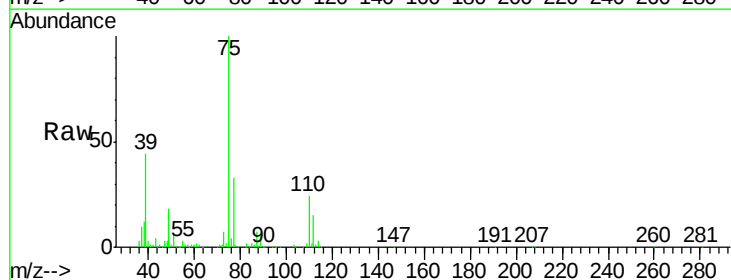
Tgt Ion: 75 Resp: 464022

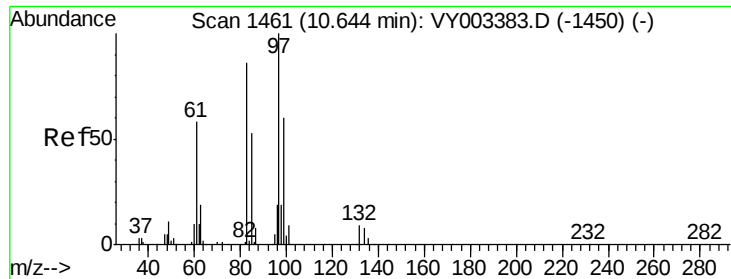
Ion Ratio Lower Upper

75 100

77 33.4 24.8 37.2

39 43.8 34.8 52.2

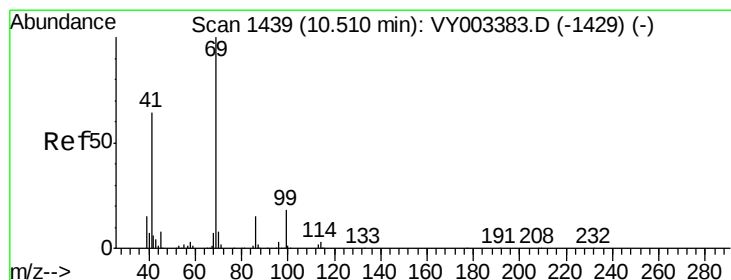
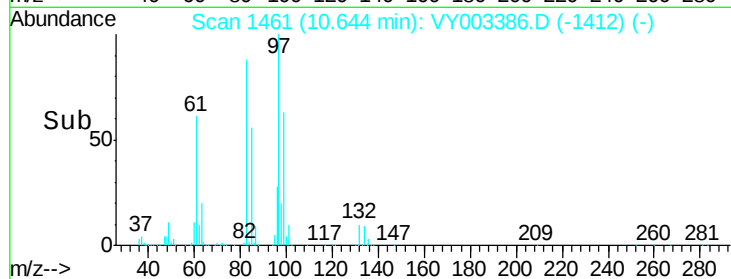
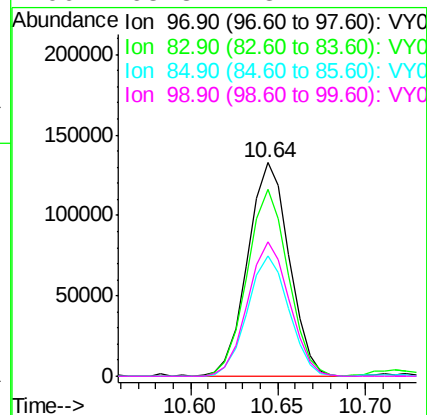
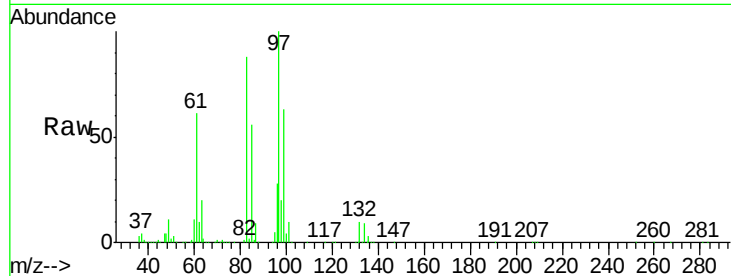




#55
 1,1,2-Trichloroethane
 Concen: 50.426 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

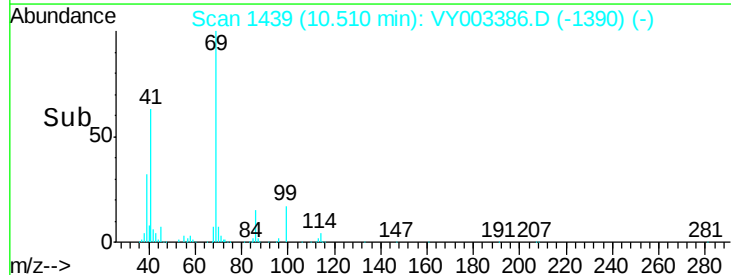
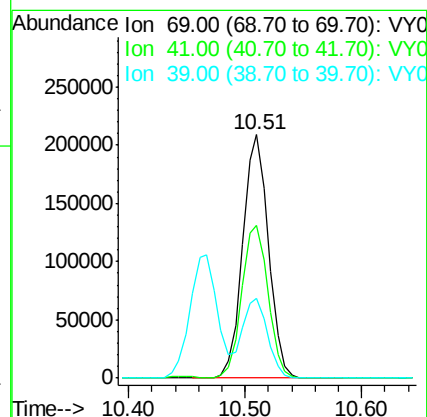
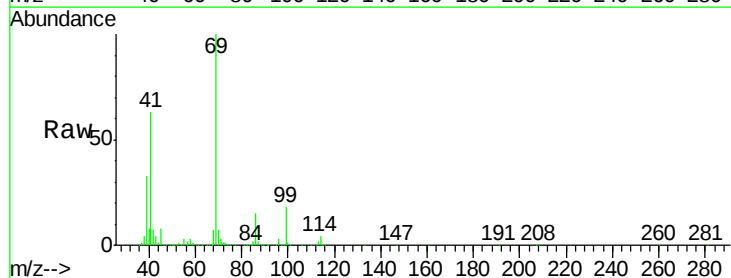
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

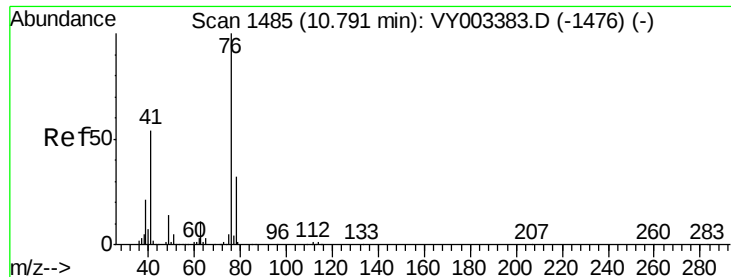
Tot Ion:	97	Resp:	218893
Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.1	103.7
85	56.4	42.5	63.7
99	63.3	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 53.673 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion:	69	Resp:	322551
Ion	Ratio	Lower	Upper
69	100		
41	64.2	52.2	78.4
39	32.5	24.7	37.1





#57

1,3-Dichloropropane

Concen: 51.174 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampled :

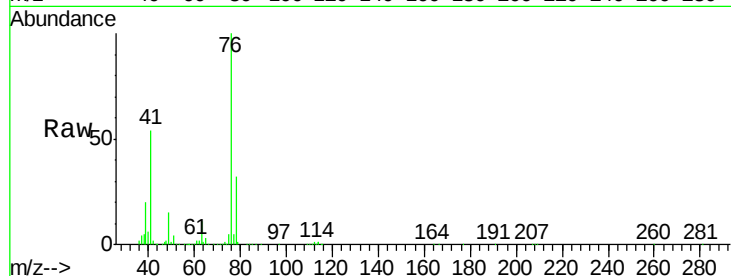
ICVY073120

Tot Ion: 76 Resp: 386064

Ion Ratio Lower Upper

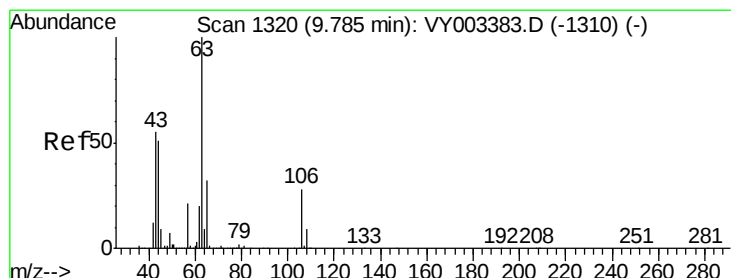
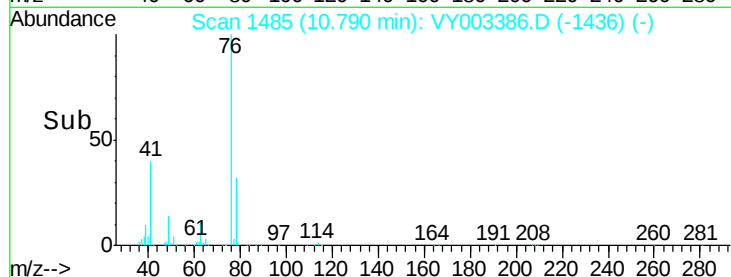
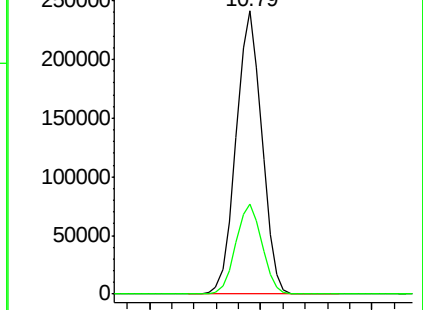
76 100

78 32.3 26.1 39.1



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: 251.790 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003386.D

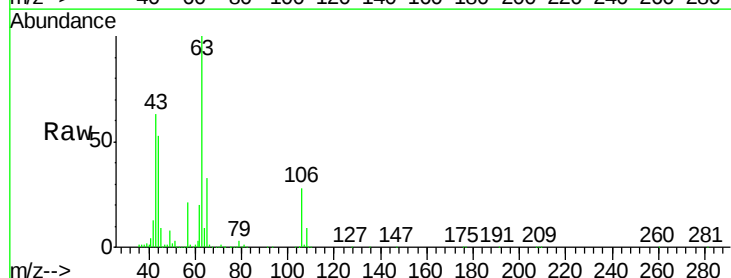
Acq: 31 Jul 2020 13:34

Tgt Ion: 63 Resp: 700872

Ion Ratio Lower Upper

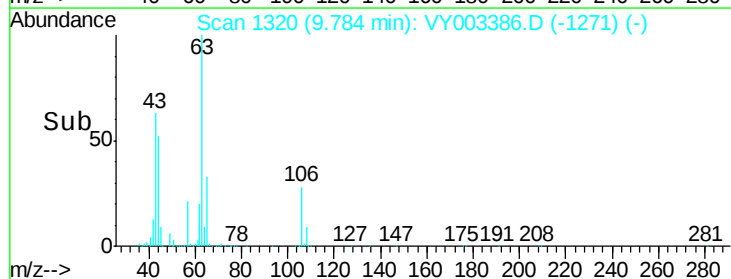
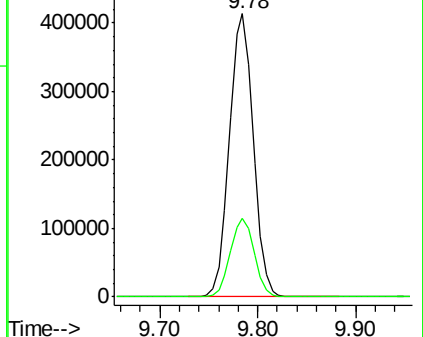
63 100

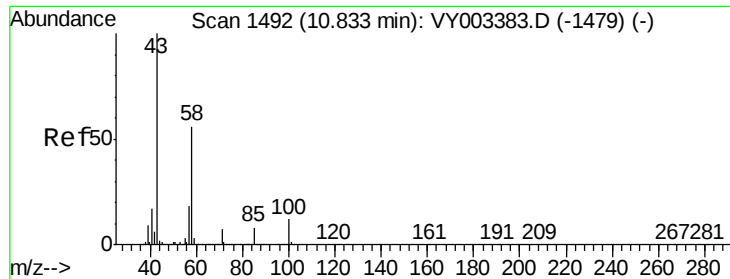
106 27.6 21.8 32.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

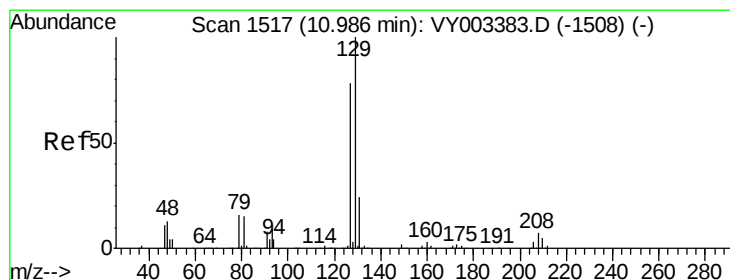
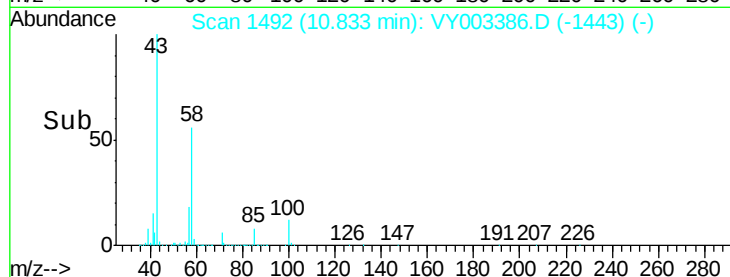
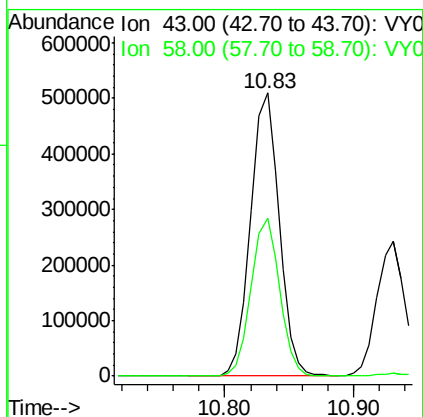
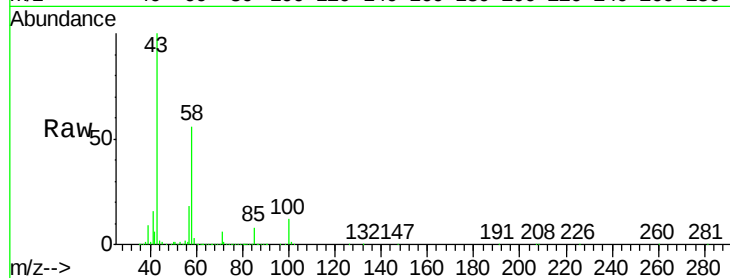




#59
2-Hexanone
Concen: 261.552 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

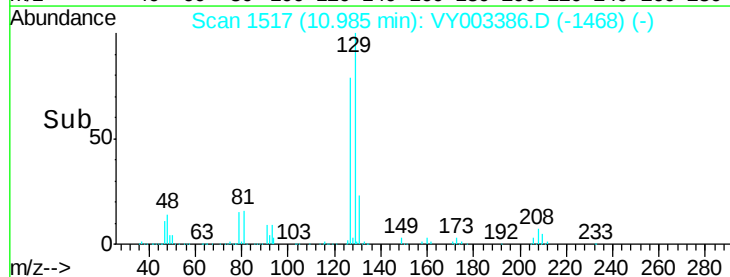
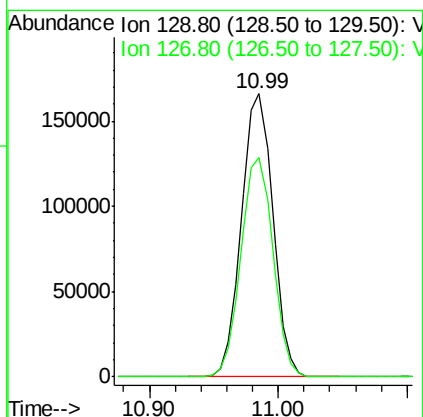
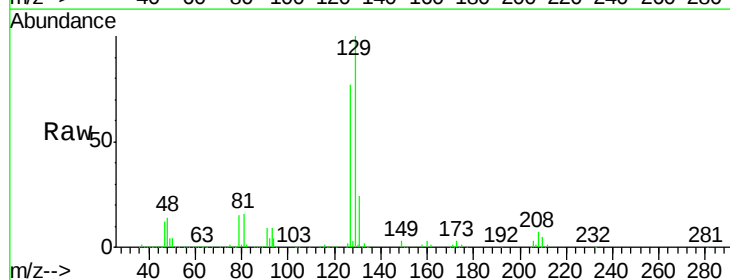
Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

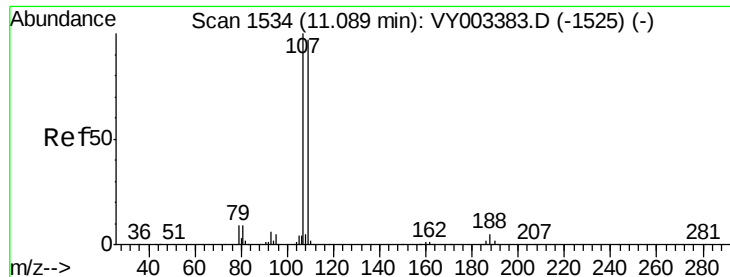
Tot Ion: 43 Resp: 778268
Ion Ratio Lower Upper
43 100
58 55.7 27.6 82.8



#60
Dibromochloromethane
Concen: 51.449 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion: 129 Resp: 280468
Ion Ratio Lower Upper
129 100
127 78.8 38.7 116.1

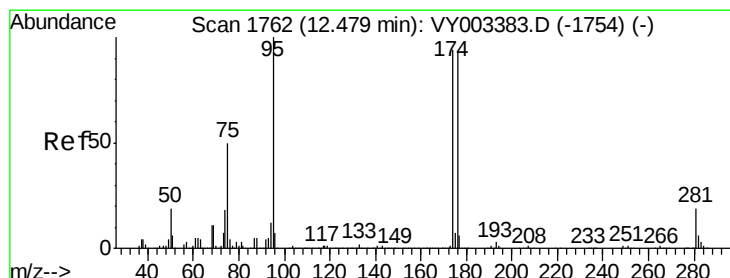
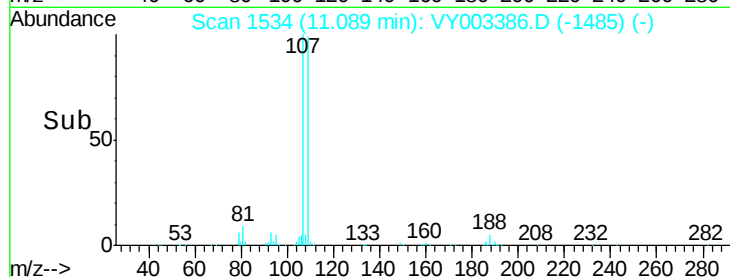
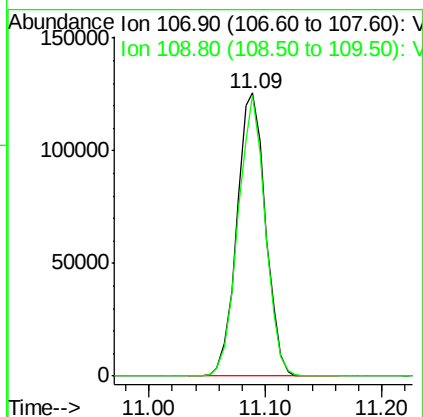
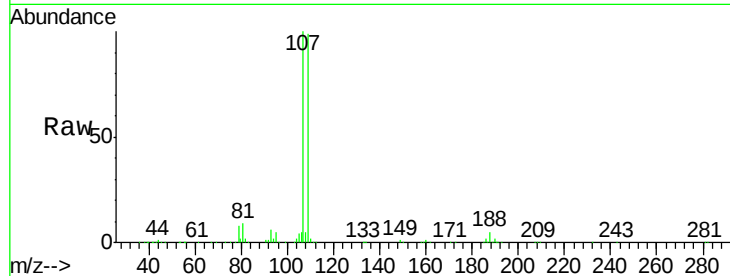




#61
 1,2-Dibromoethane
 Concen: 51.184 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

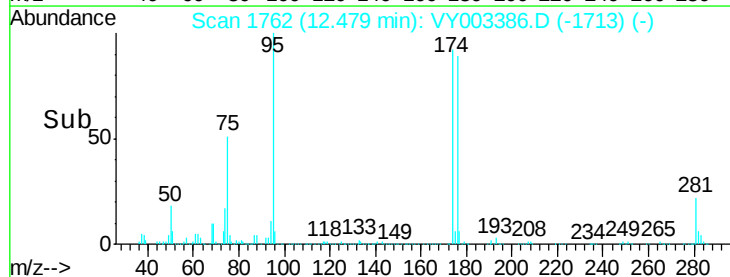
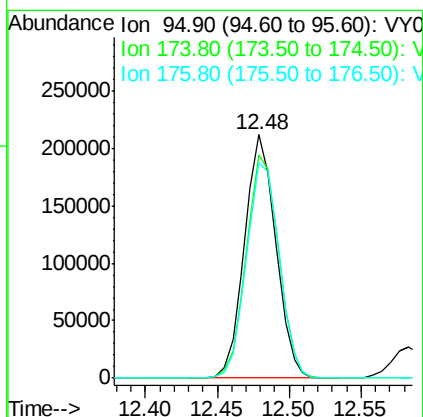
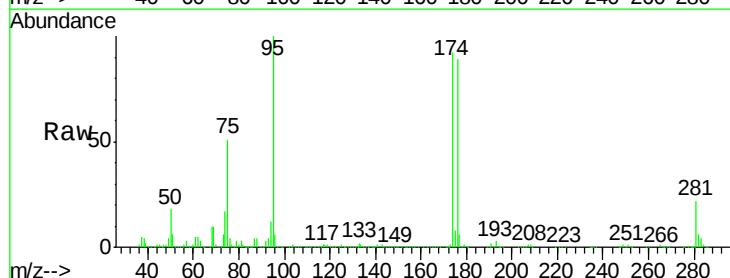
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

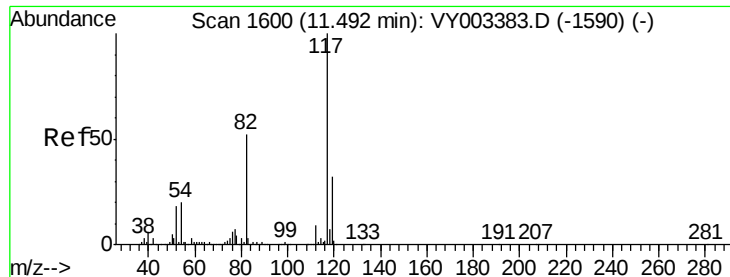
Tot Ion:107 Resp: 215250
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 50.305 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion: 95 Resp: 318056
 Ion Ratio Lower Upper
 95 100
 174 95.3 0.0 190.0
 176 92.4 0.0 184.4

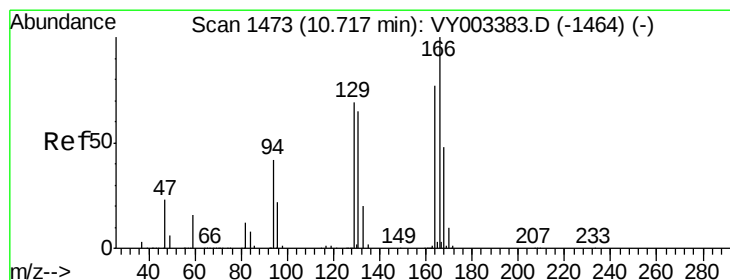
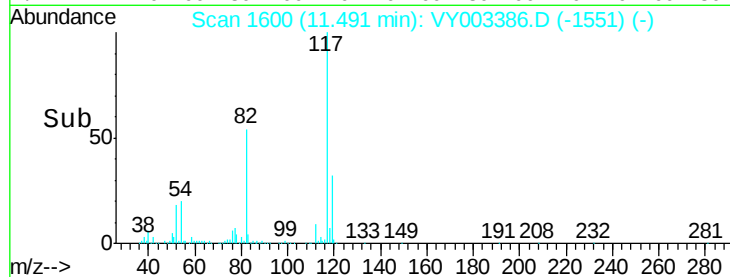
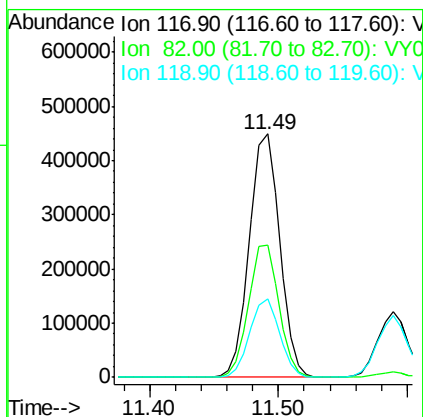
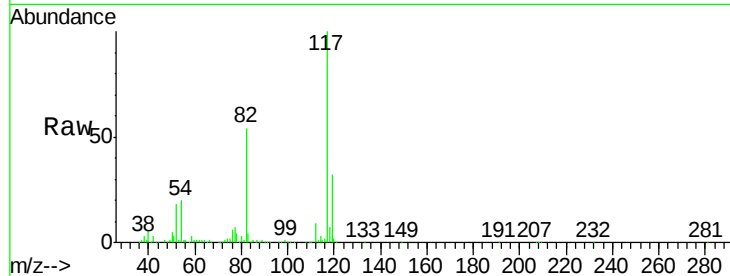




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

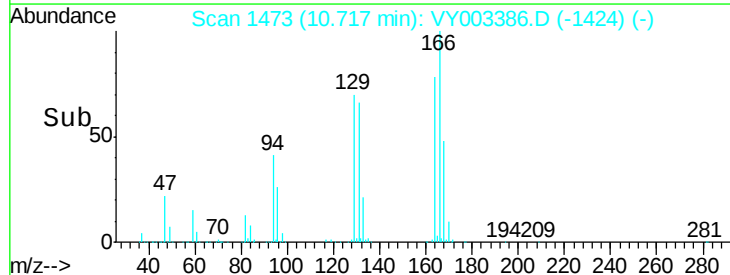
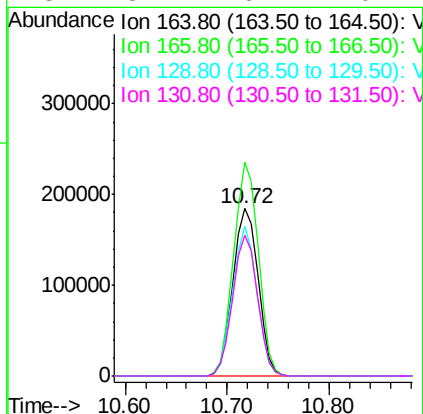
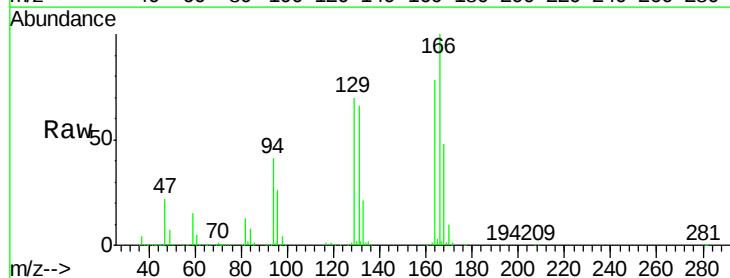
Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

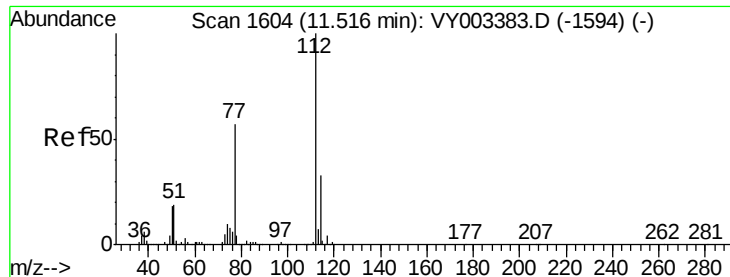
Tot Ion:117 Resp: 731486
Ion Ratio Lower Upper
117 100
82 54.1 41.9 62.9
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 51.465 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion:164 Resp: 314718
Ion Ratio Lower Upper
164 100
166 127.4 103.3 154.9
129 89.7 71.2 106.8
131 84.1 67.4 101.2

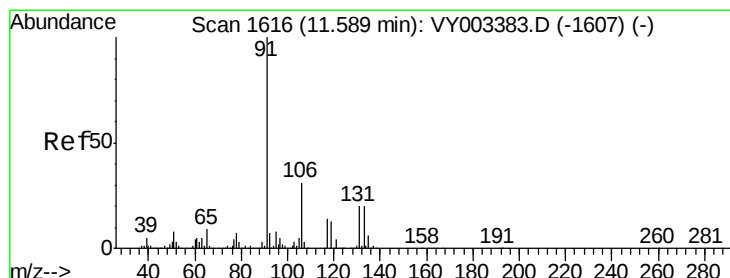
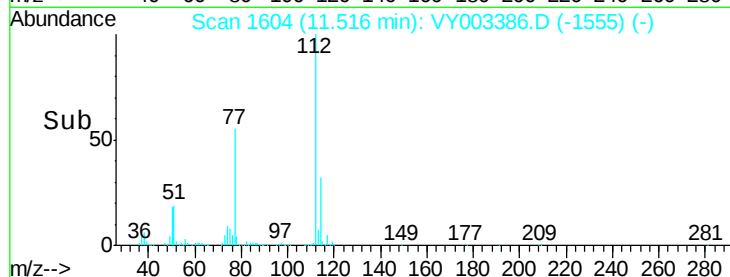
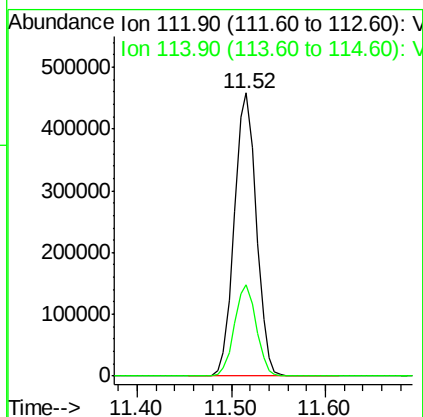
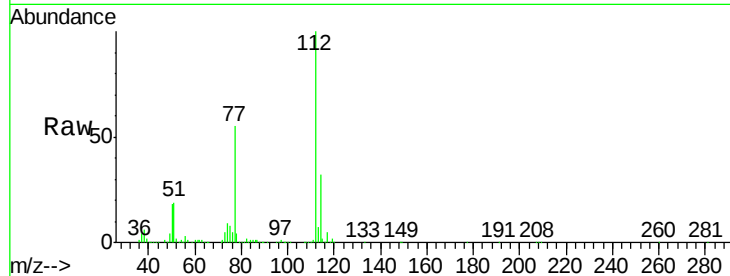




#65
Chlorobenzene
Concen: 51.866 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

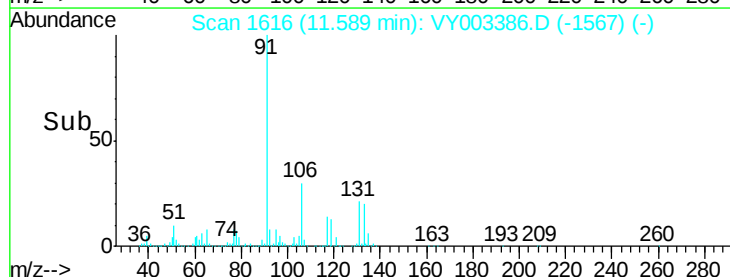
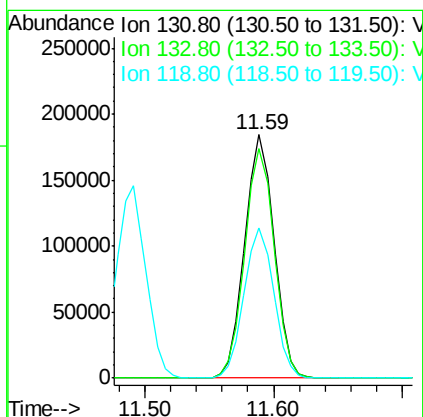
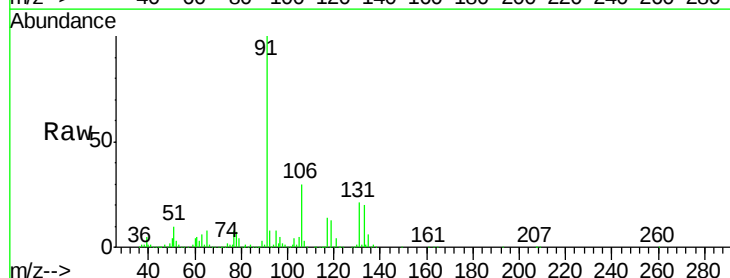
Instrument :
MSVOA_Y
ClientSampled :
ICVVY073120

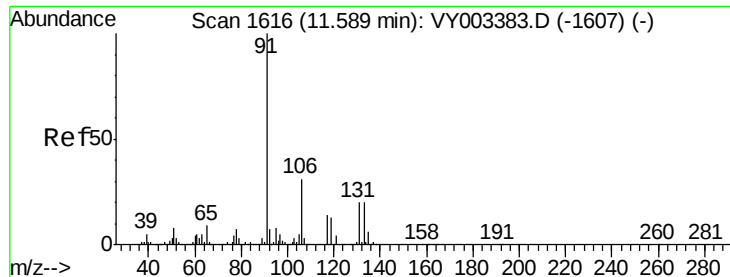
Tot Ion:112 Resp: 744492
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.143 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion:131 Resp: 291127
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.3
119 62.7 32.0 96.2

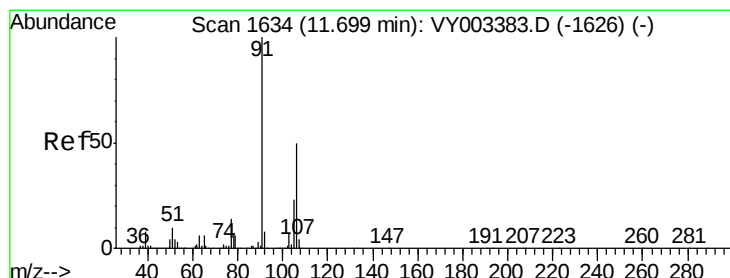
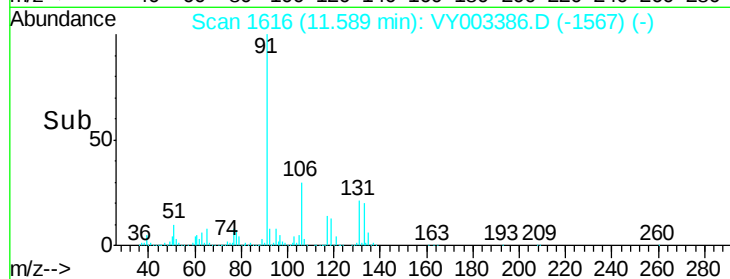
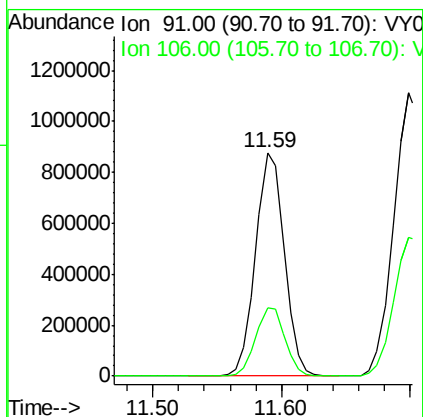
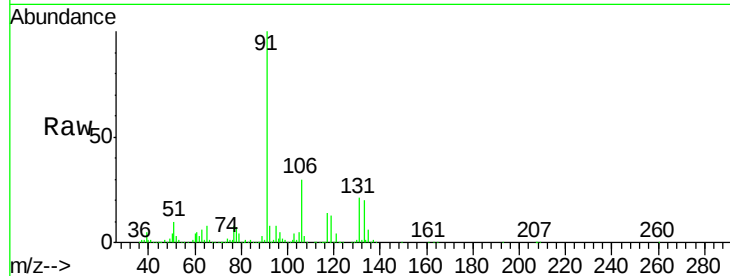




#67
Ethyl Benzene
Concen: 52.101 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

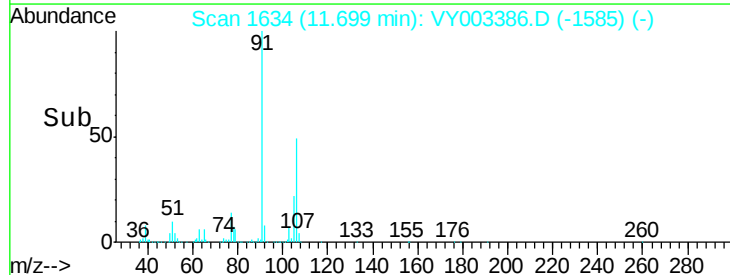
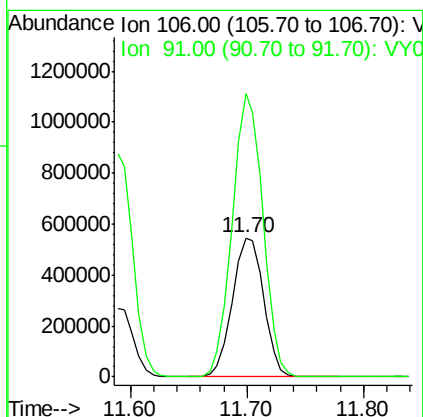
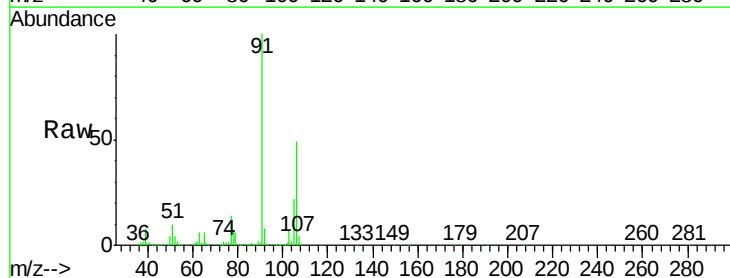
Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

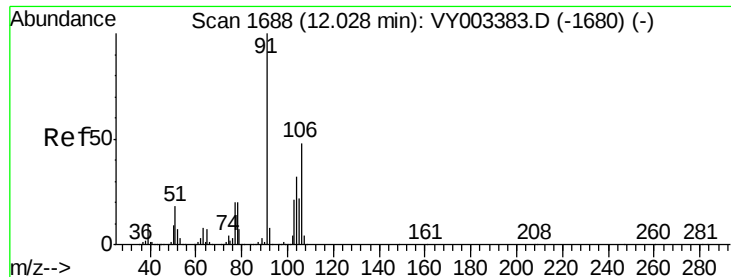
Tot Ion: 91 Resp: 1348496
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6



#68
m/p-Xylenes
Concen: 104.558 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion: 106 Resp: 1020227
Ion Ratio Lower Upper
106 100
91 199.8 161.0 241.6

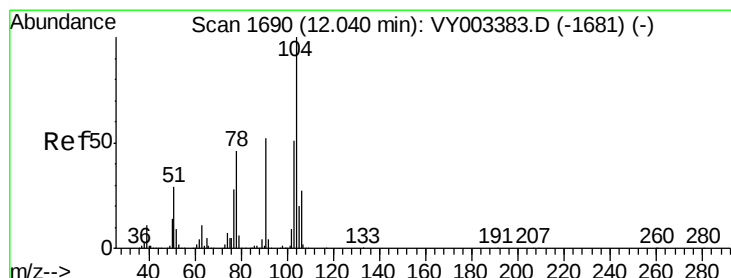
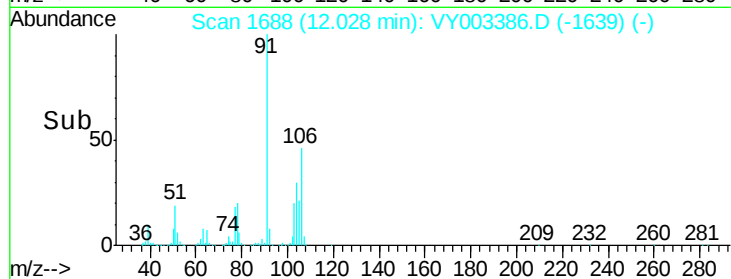
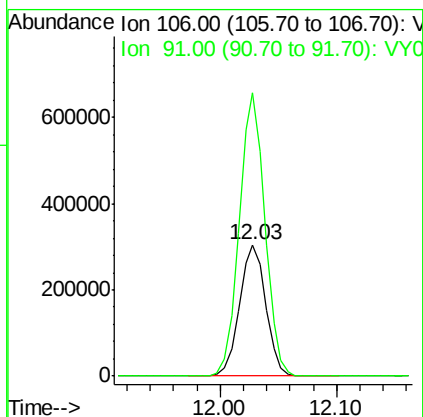
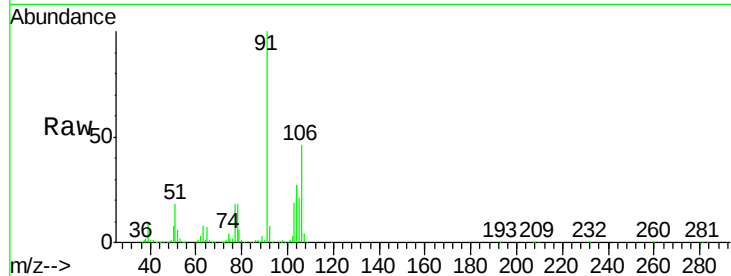




#69
o-Xylene
Concen: 52.118 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

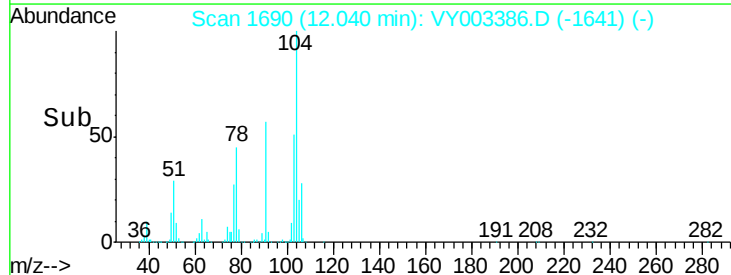
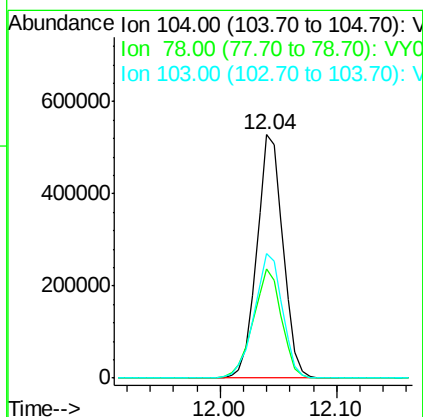
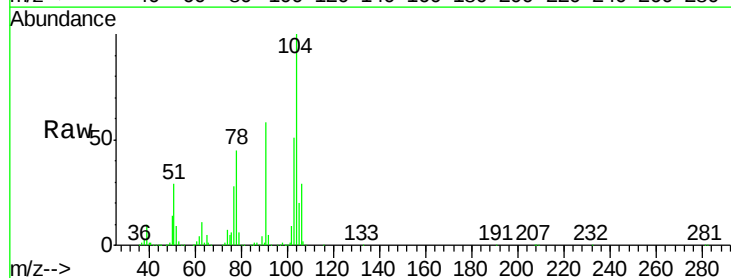
Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

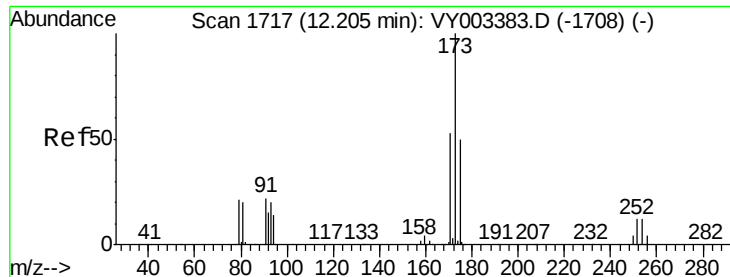
Tot Ion:106 Resp: 476053
Ion Ratio Lower Upper
106 100
91 211.4 104.6 313.7



#70
Styrene
Concen: 52.922 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion:104 Resp: 827115
Ion Ratio Lower Upper
104 100
78 48.6 39.3 58.9
103 55.1 43.7 65.5





#71

Bromoform

Concen: 52.143 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY073120

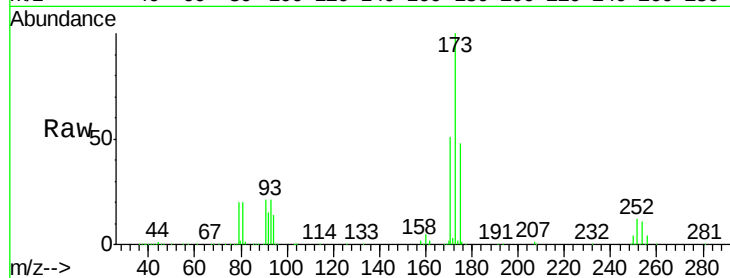
Tot Ion:173 Resp: 189186

Ion Ratio Lower Upper

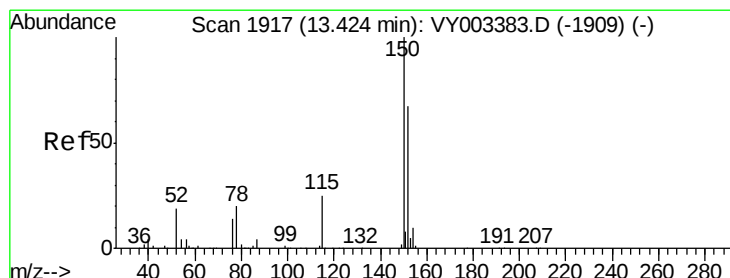
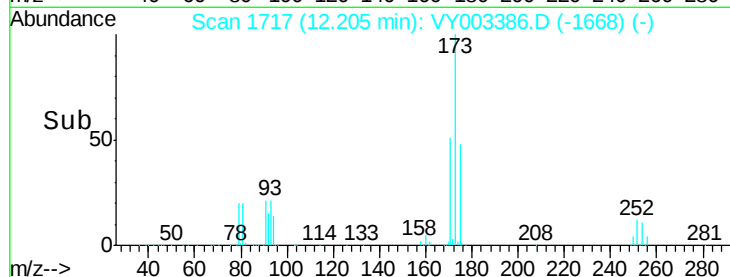
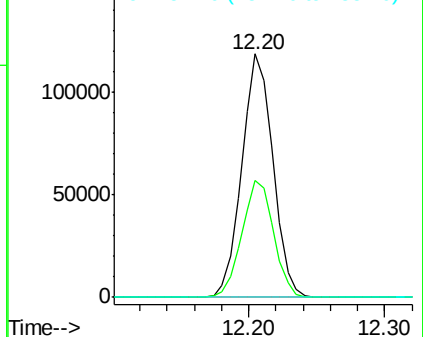
173 100

175 48.9 24.1 72.2

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

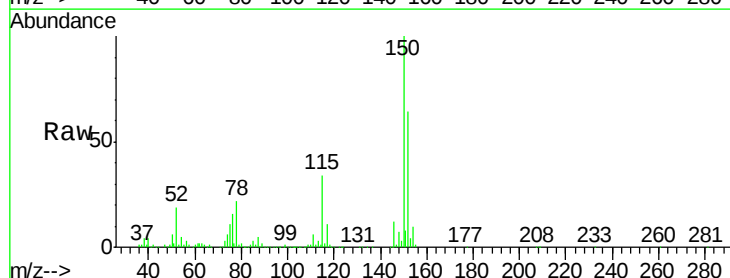
Tgt Ion:152 Resp: 391891

Ion Ratio Lower Upper

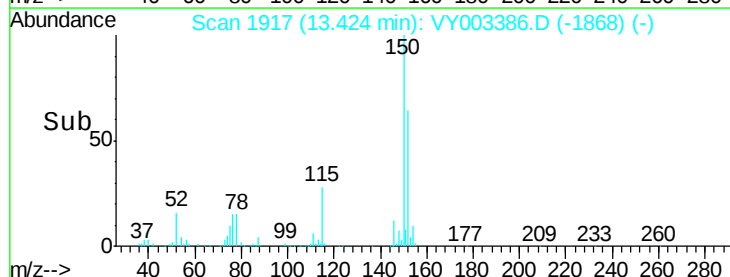
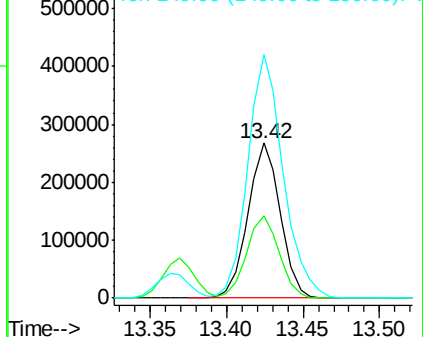
152 100

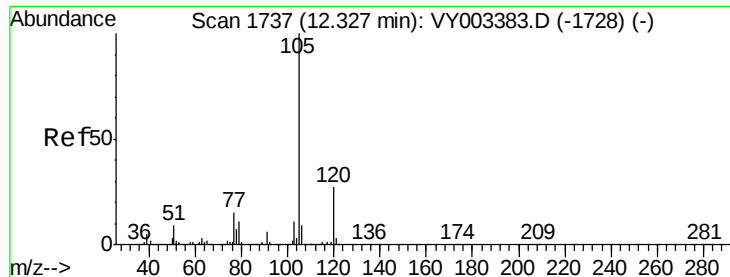
115 53.7 27.2 81.5

150 173.0 0.0 346.8



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





#73

Isopropylbenzene

Concen: 51.829 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

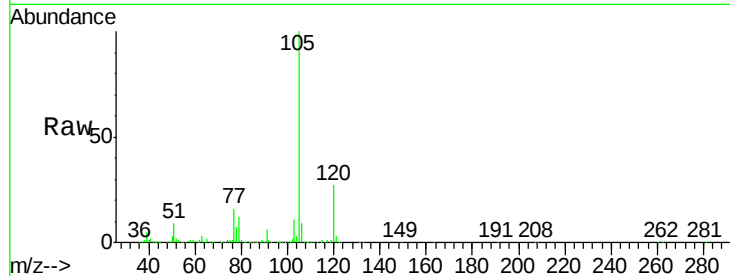
ICVY073120

Tot Ion:105 Resp: 1312735

Ion Ratio Lower Upper

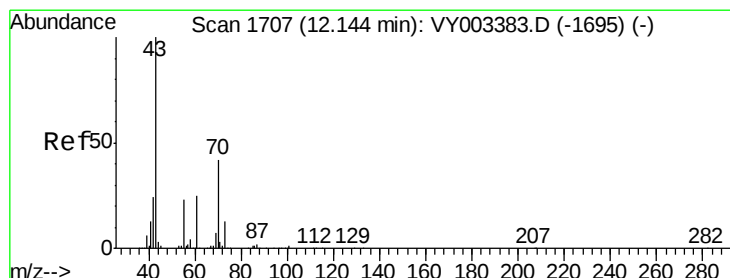
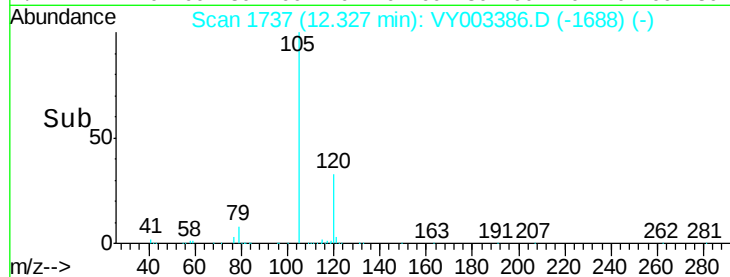
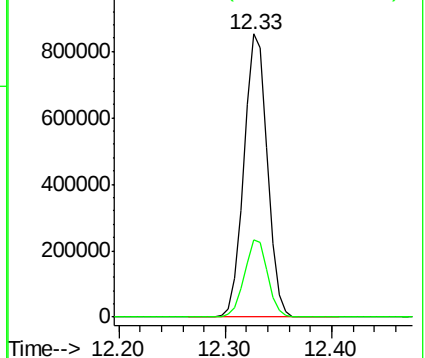
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.444 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Tgt Ion: 43 Resp: 391498

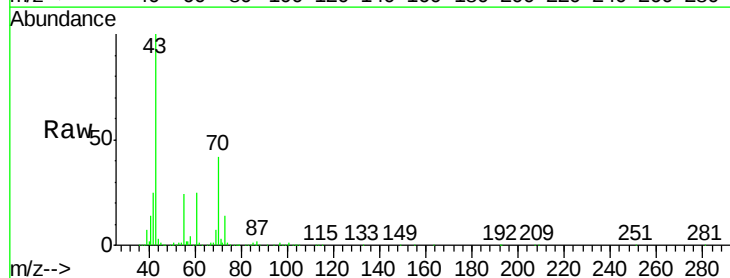
Ion Ratio Lower Upper

43 100

70 42.7 33.6 50.4

55 23.8 18.5 27.7

61 24.9 19.8 29.8

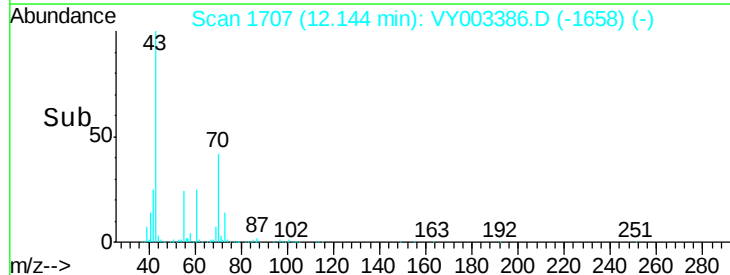
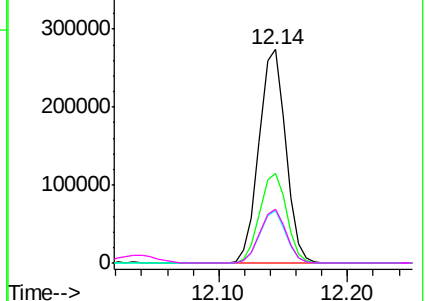


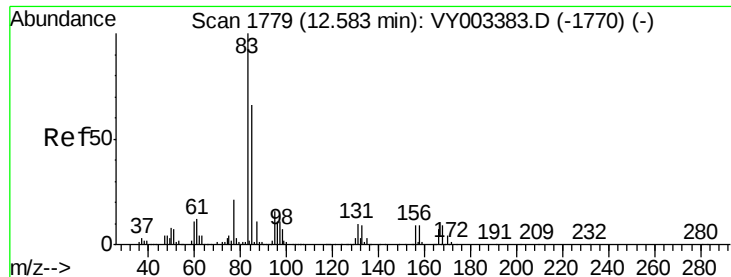
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.568 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY073120

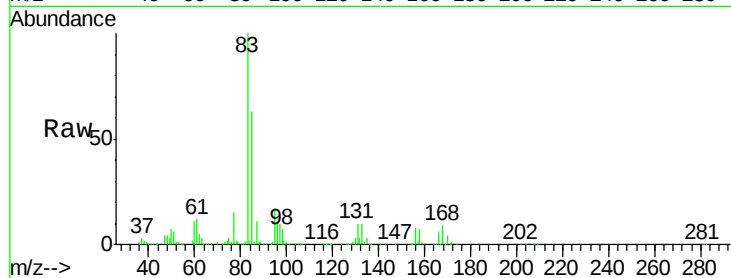
Tot Ion: 83 Resp: 258711

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

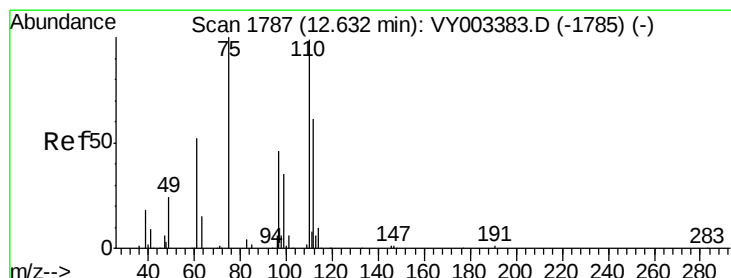
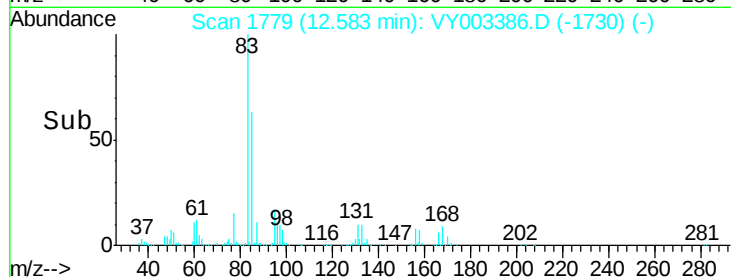
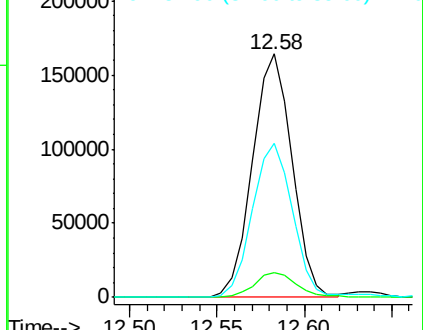
85 64.0 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 99.834 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003386.D

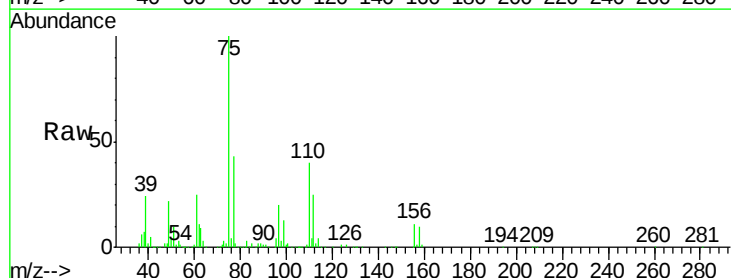
Acq: 31 Jul 2020 13:34

Tgt Ion: 75 Resp: 351469

Ion Ratio Lower Upper

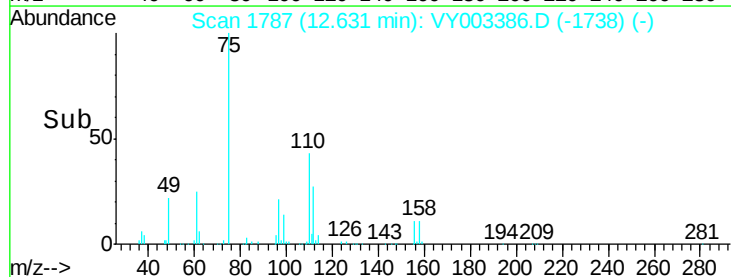
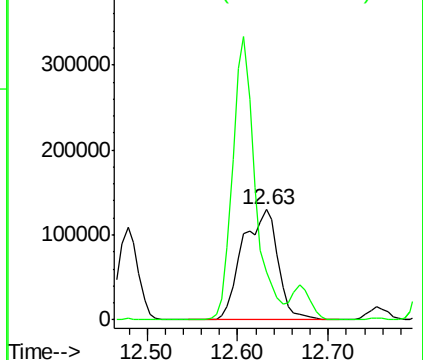
75 100

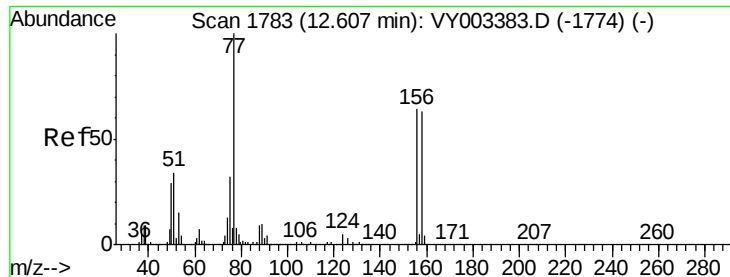
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

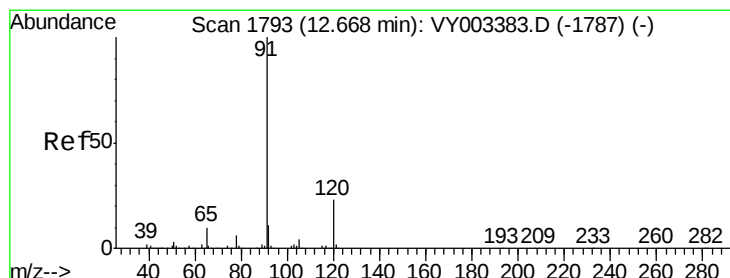
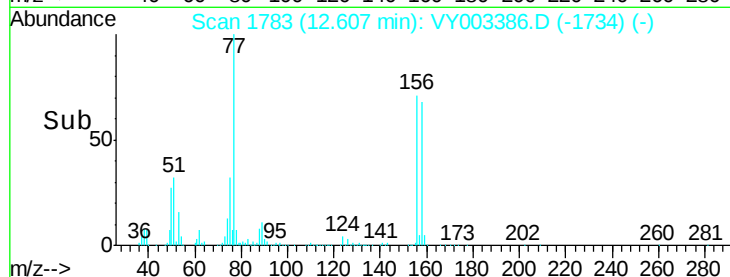
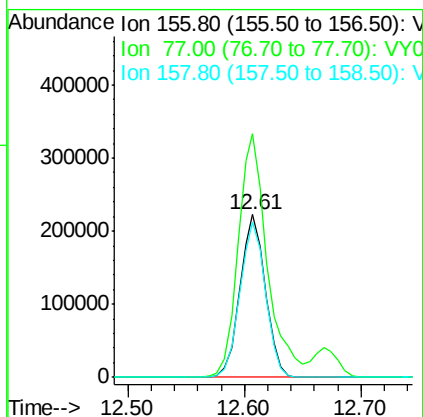
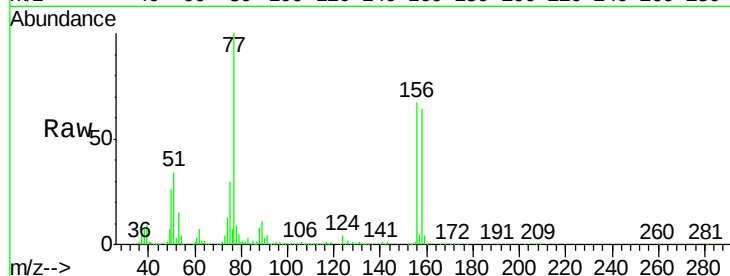




#77
Bromobenzene
Concen: 52.186 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

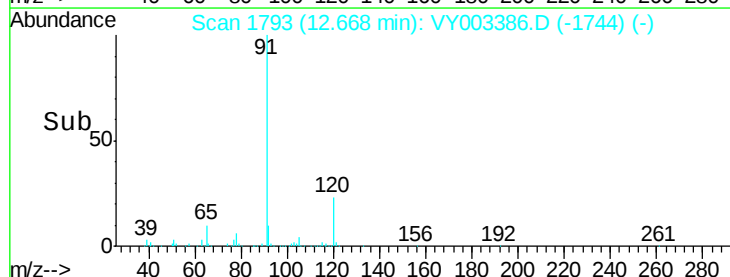
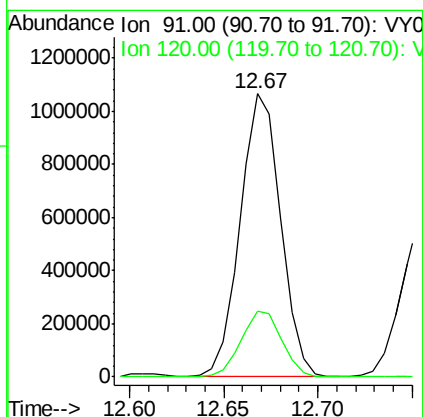
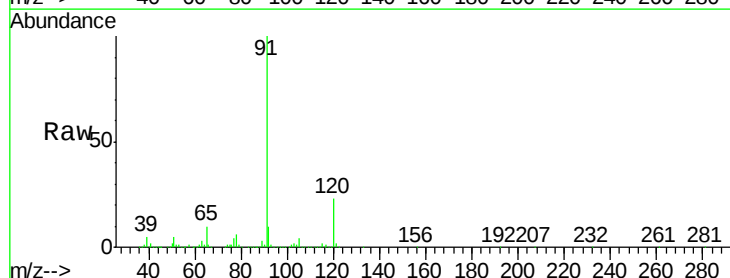
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY073120

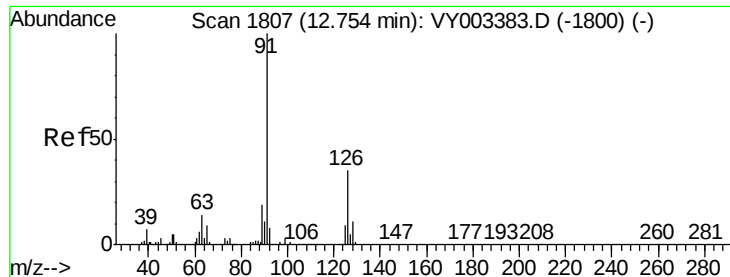
Tot Ion:156 Resp: 335840
Ion Ratio Lower Upper
156 100
77 171.7 87.5 262.5
158 96.4 48.7 146.1



#78
n-propylbenzene
Concen: 52.291 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion: 91 Resp: 1585134
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8





#79

2-Chlorotoluene

Concen: 52.068 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

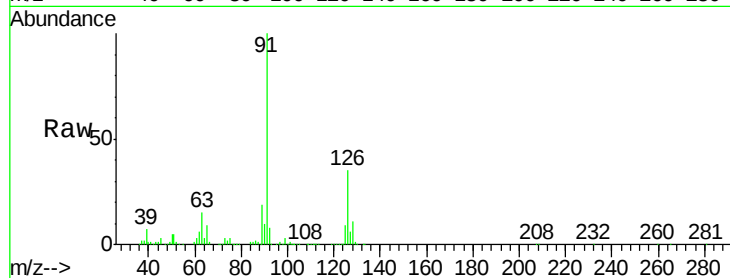
ICVY073120

Tot Ion: 91 Resp: 875747

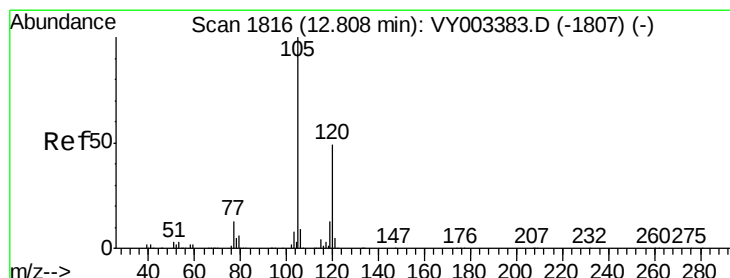
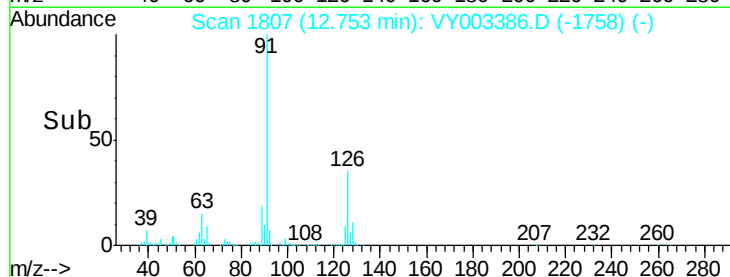
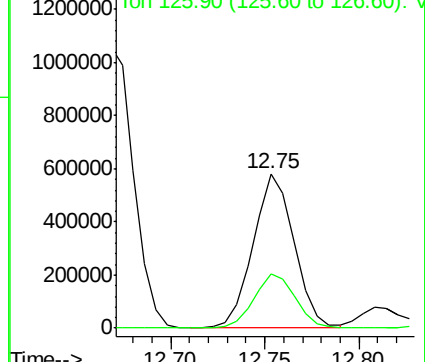
Ion Ratio Lower Upper

91 100

126 35.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY003386.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.046 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003386.D

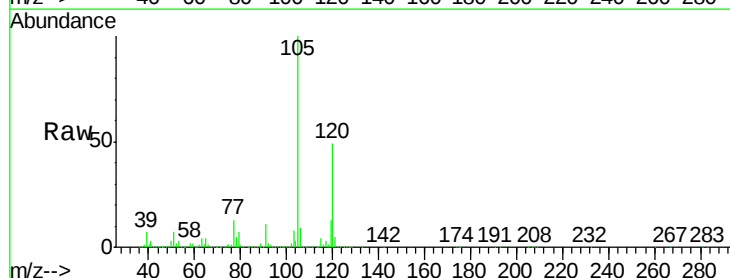
Acq: 31 Jul 2020 13:34

Tgt Ion: 105 Resp: 1106764

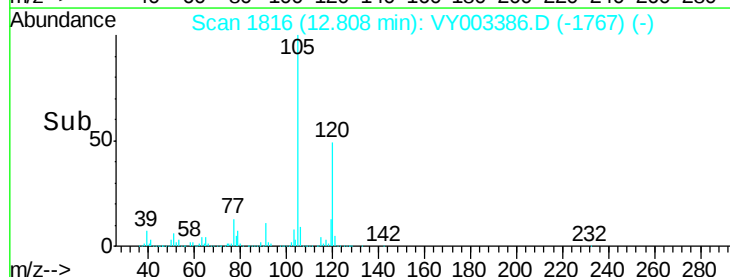
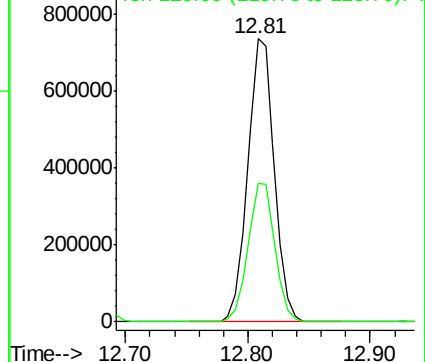
Ion Ratio Lower Upper

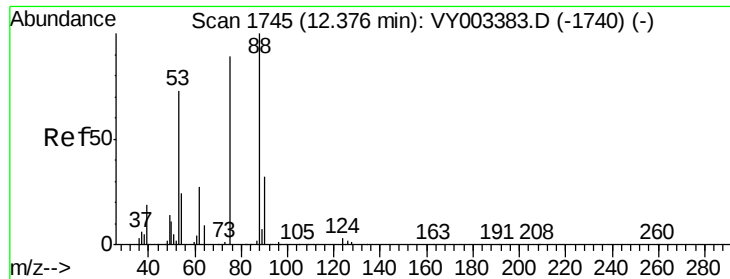
105 100

120 49.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY003386.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.212 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY073120

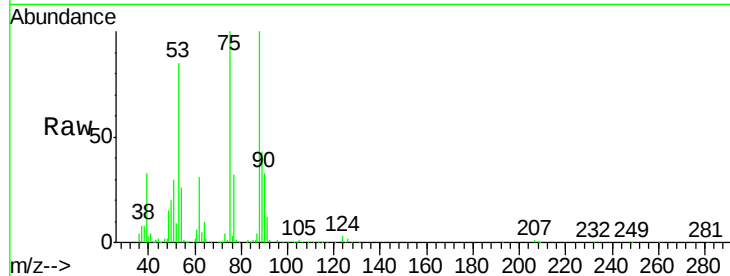
Tot Ion: 75 Resp: 97193

Ion Ratio Lower Upper

75 100

53 88.0 69.5 104.3

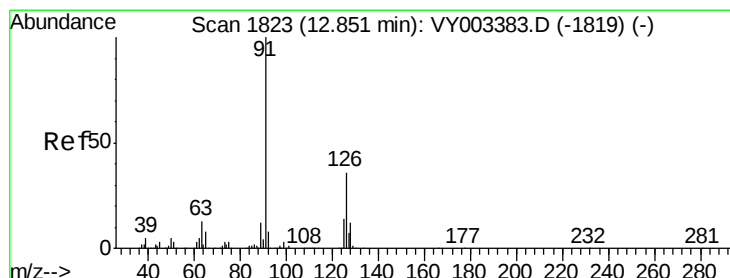
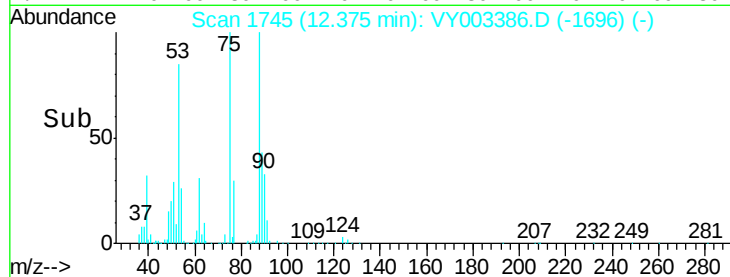
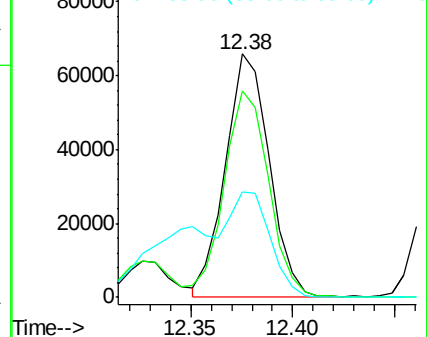
89 40.7 33.8 50.6



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: 52.063 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003386.D

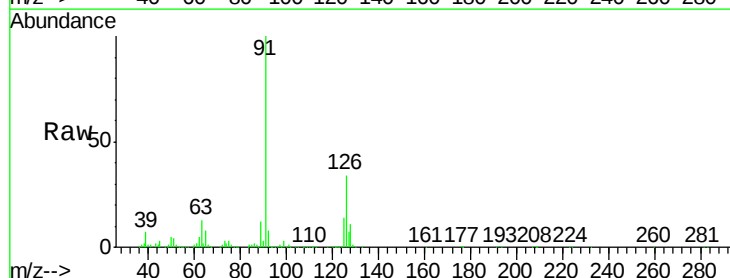
Acq: 31 Jul 2020 13:34

Tgt Ion: 91 Resp: 909934

Ion Ratio Lower Upper

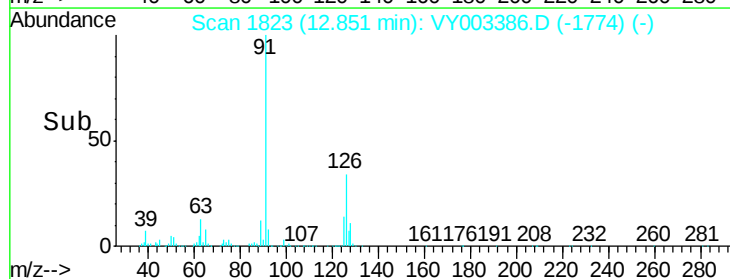
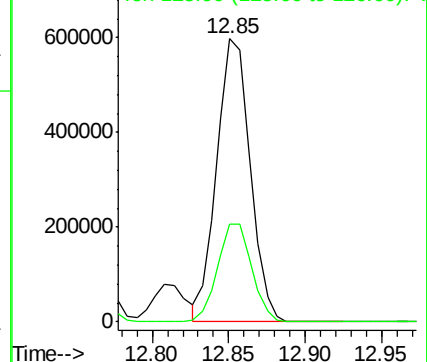
91 100

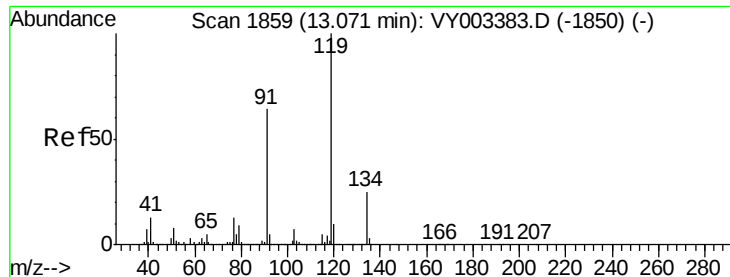
126 35.6 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 53.617 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY073120

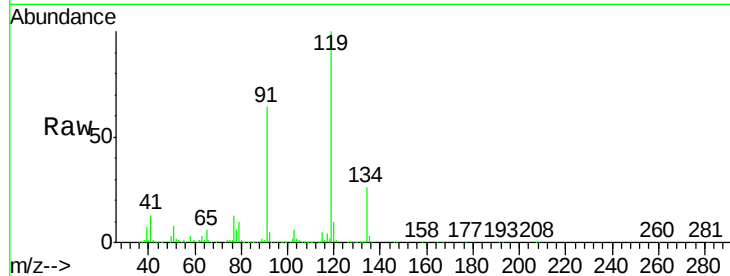
Tot Ion:119 Resp: 989872

Ion Ratio Lower Upper

119 100

91 61.1 31.8 95.3

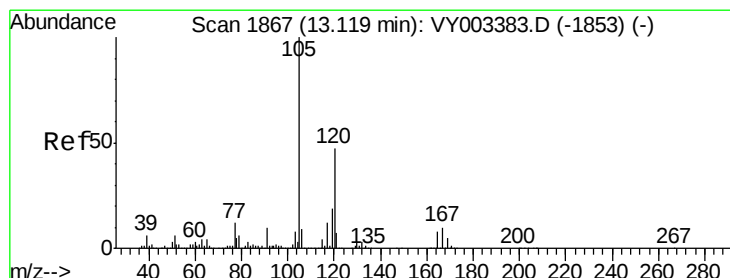
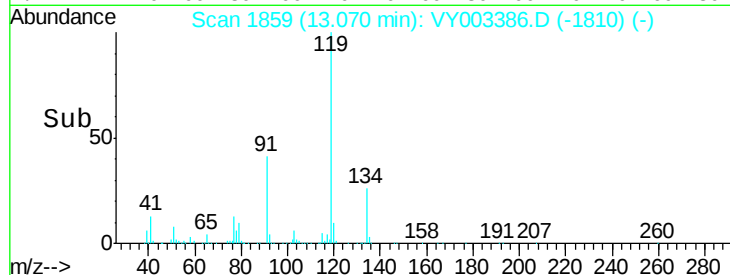
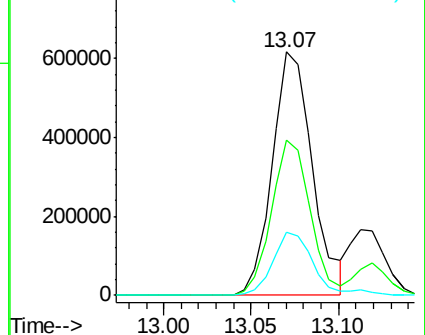
134 26.5 13.6 40.8



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: 51.945 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003386.D

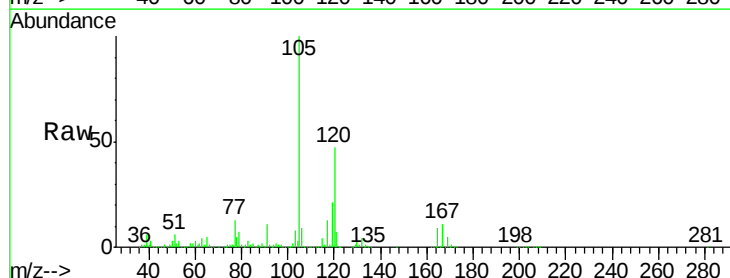
Acq: 31 Jul 2020 13:34

Tgt Ion:105 Resp: 1110253

Ion Ratio Lower Upper

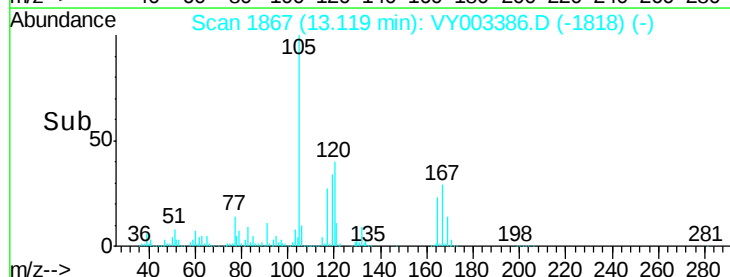
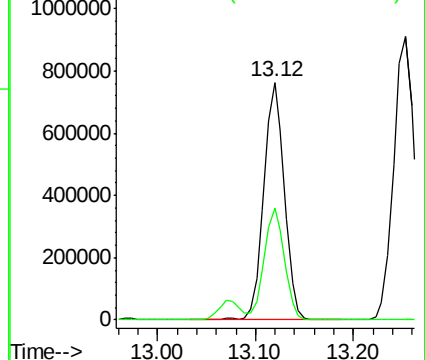
105 100

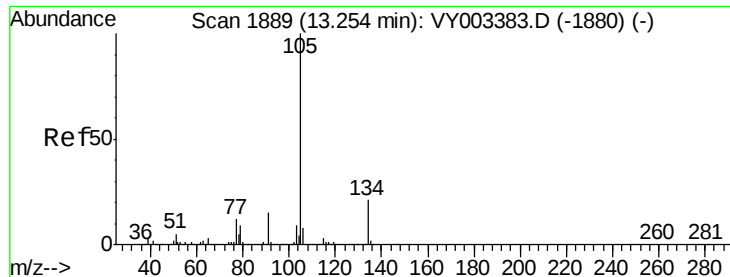
120 45.9 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.677 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

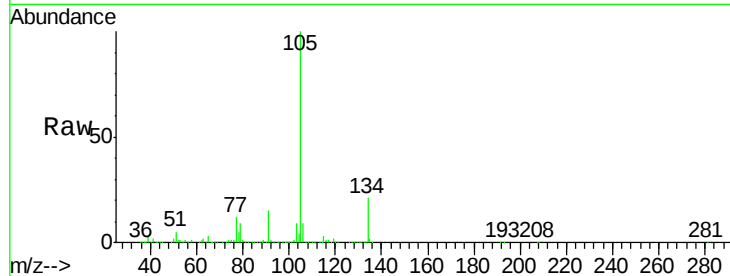
ICVY073120

Tot Ion:105 Resp: 1352779

Ion Ratio Lower Upper

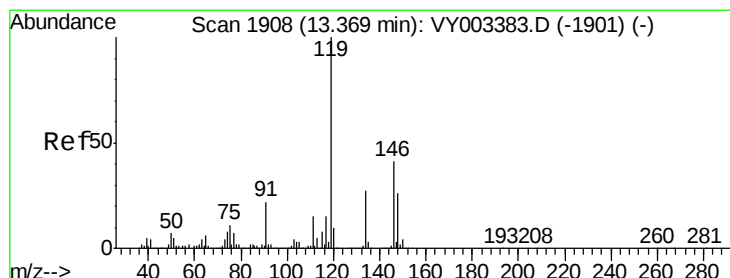
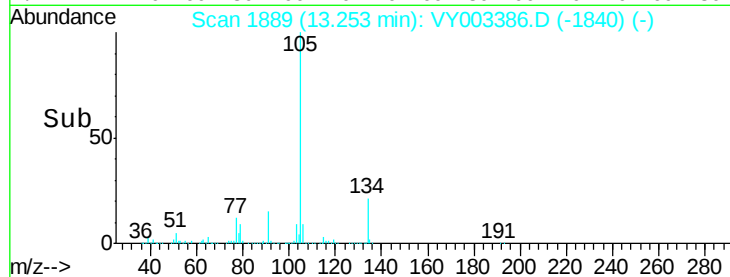
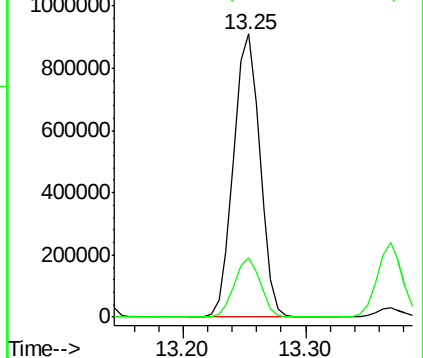
105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.669 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

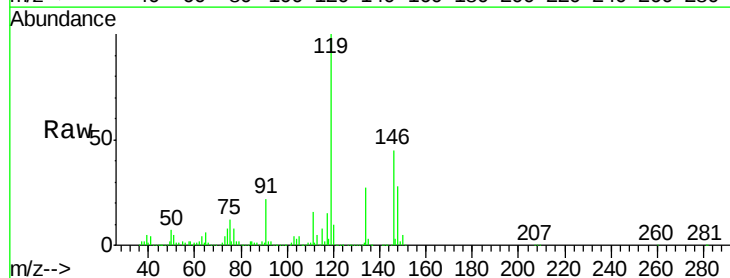
Tgt Ion:119 Resp: 1265063

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

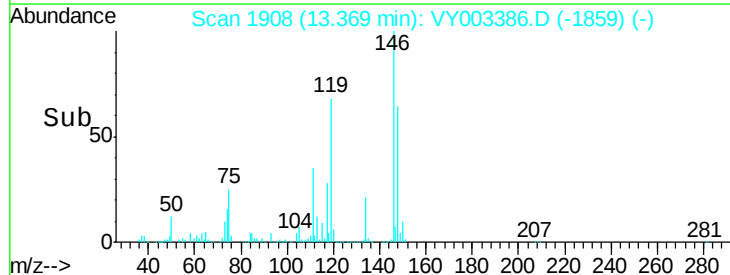
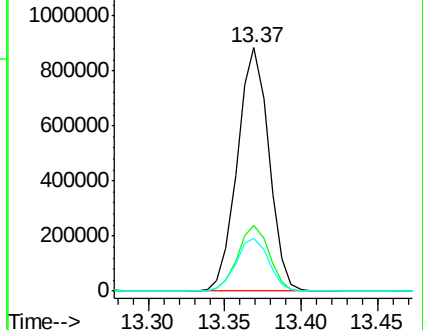
91 22.3 11.4 34.1

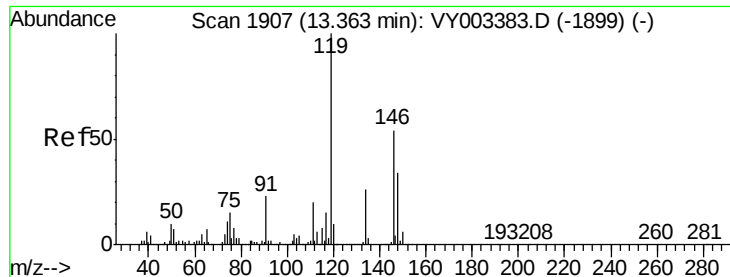


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 51.940 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

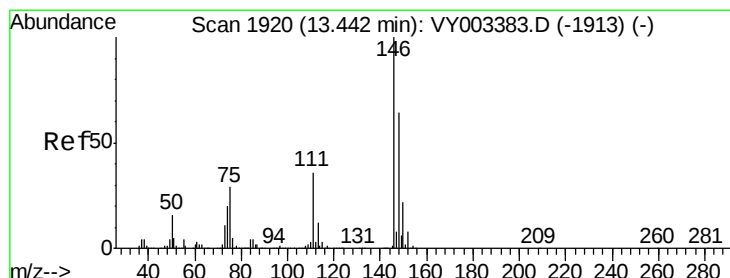
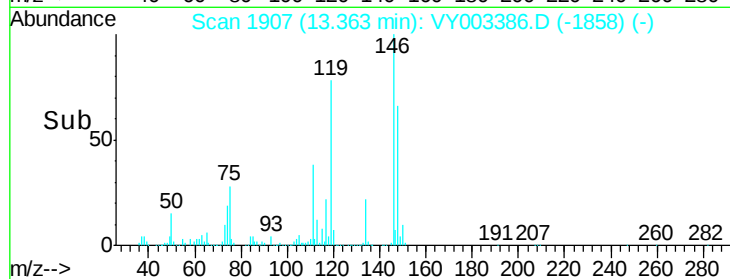
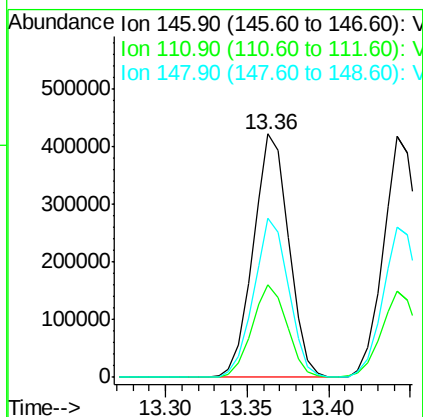
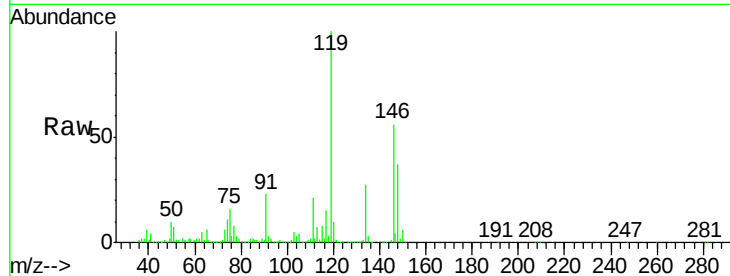
Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY073120

Tot Ion:146 Resp: 638474

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.4
148	64.5	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 51.922 ug/l

RT: 13.44 min Scan# 1920

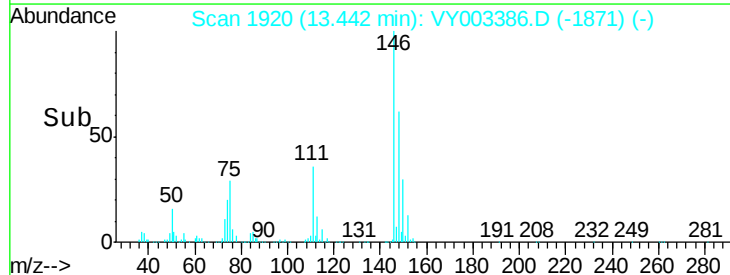
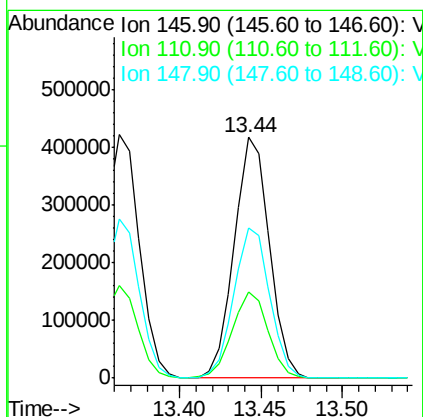
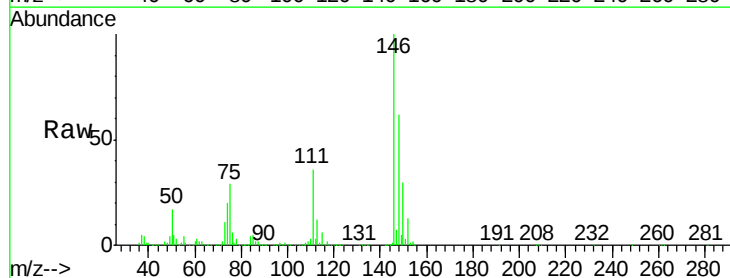
Delta R.T. -0.00 min

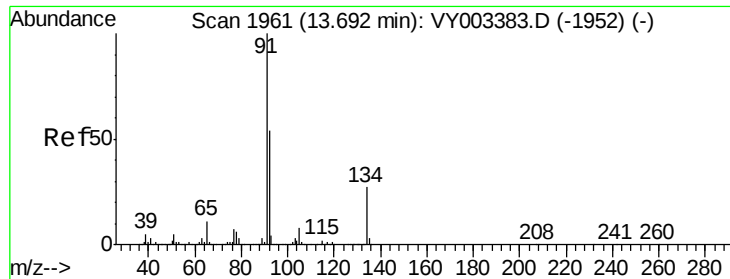
Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Tgt Ion:146 Resp: 629297

Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.3
148	63.6	32.1	96.3





#89

n-Butylbenzene

Concen: 52.562 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY073120

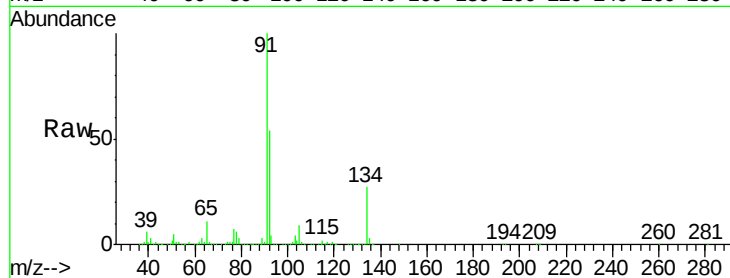
Tot Ion: 91 Resp: 1193075

Ion Ratio Lower Upper

91 100

92 54.5 26.9 80.6

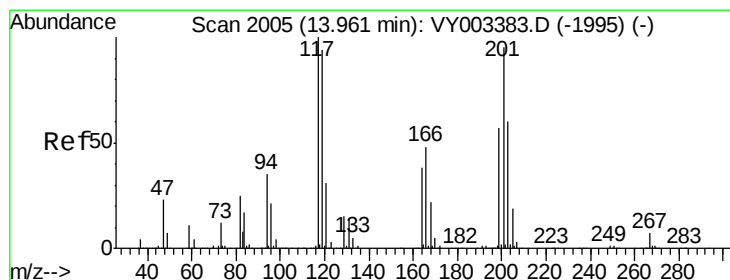
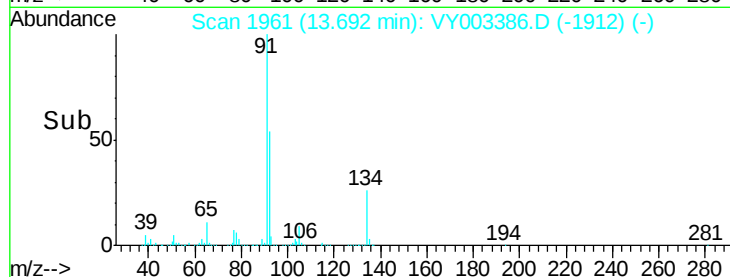
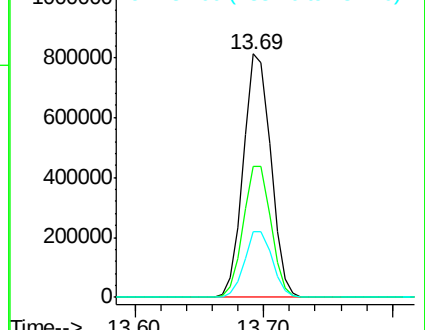
134 27.4 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): VY0



#90

Hexachloroethane

Concen: 52.449 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003386.D

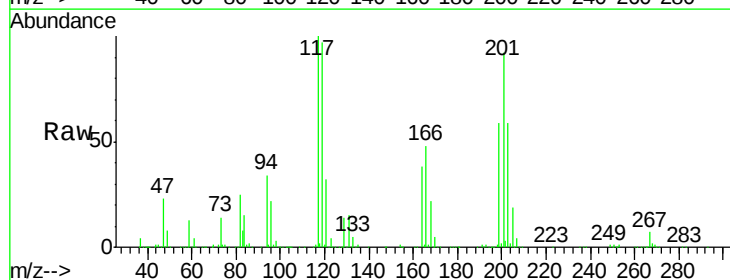
Acq: 31 Jul 2020 13:34

Tgt Ion: 117 Resp: 241329

Ion Ratio Lower Upper

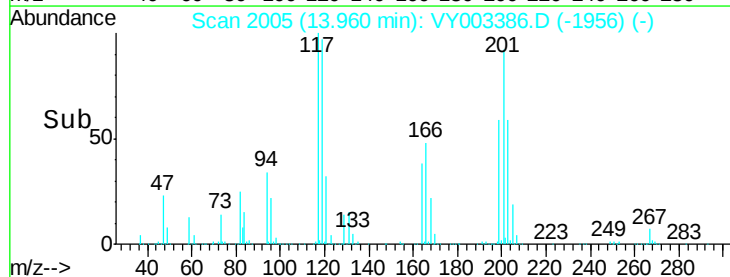
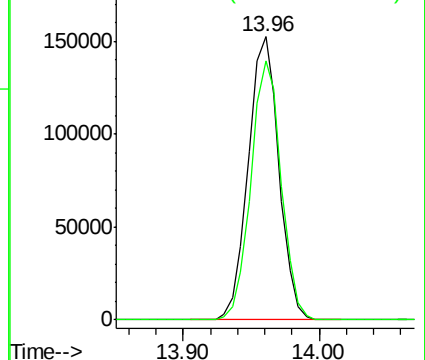
117 100

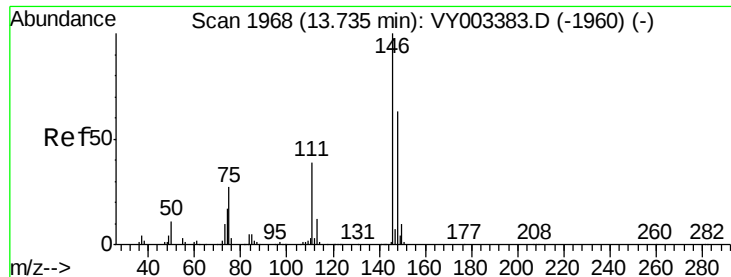
201 90.3 44.7 134.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

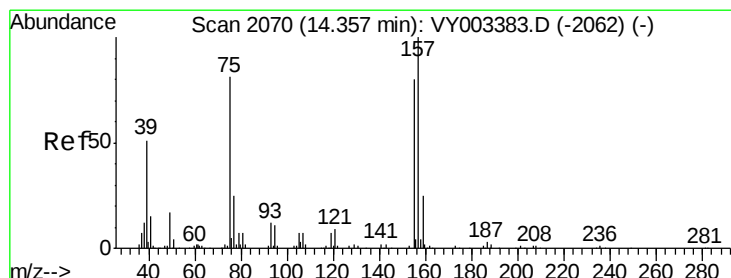
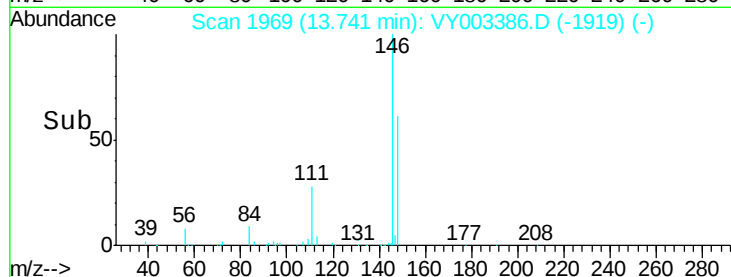
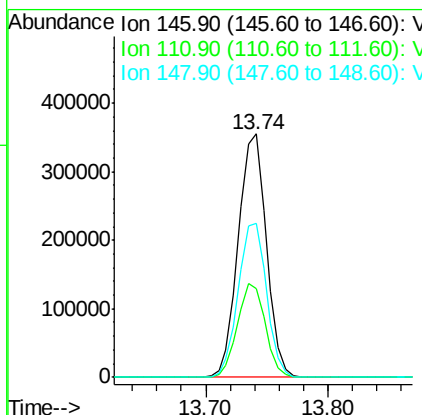
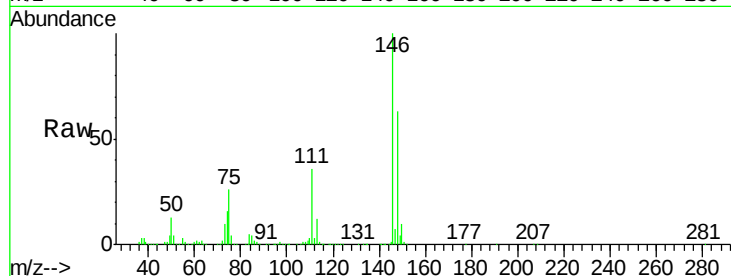




#91
 1,2-Dichlorobenzene
 Concen: 52.065 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

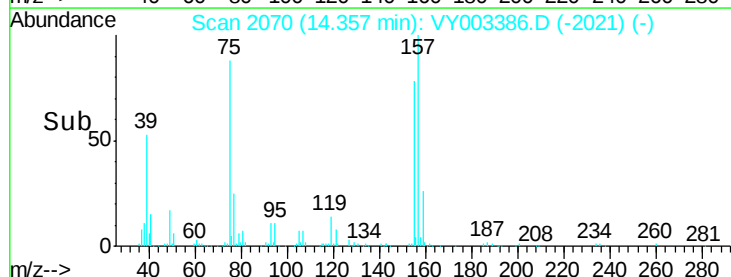
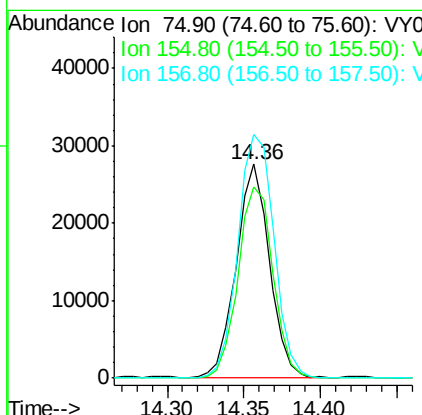
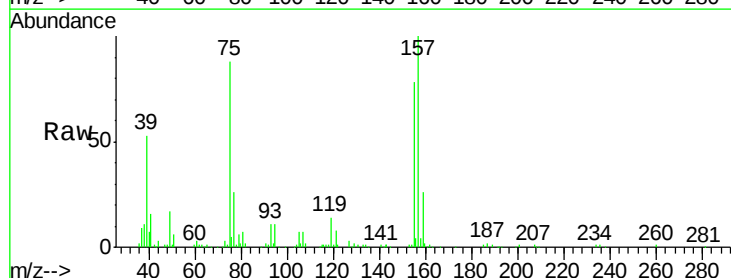
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

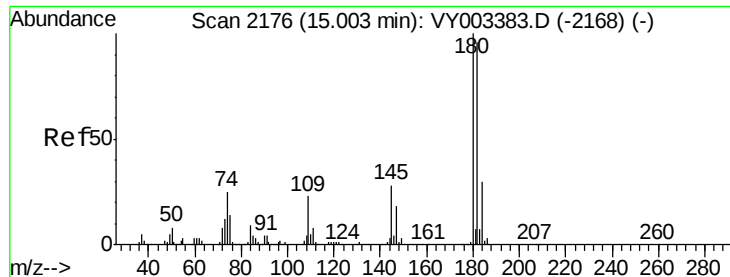
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.2	57.6
148	63.8	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.299 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	48.8	146.4
157	124.6	60.9	182.6

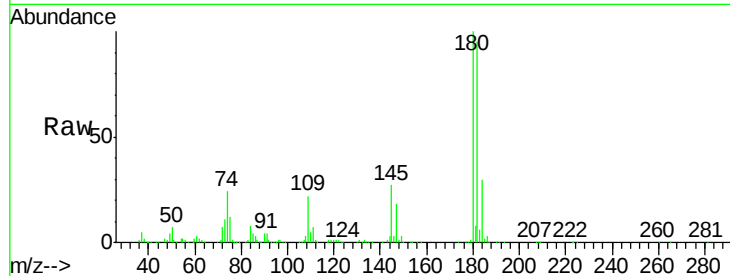




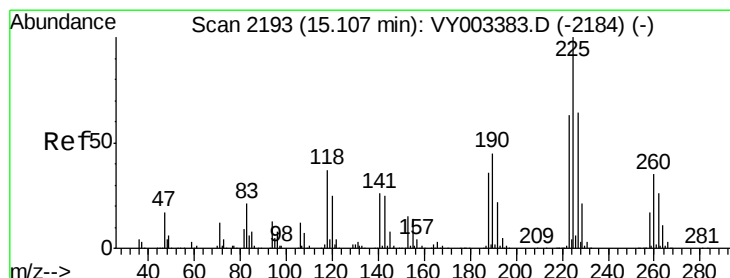
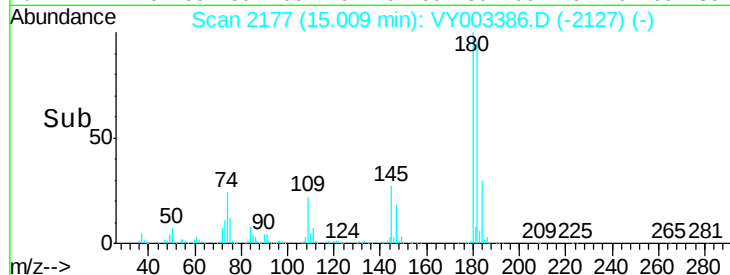
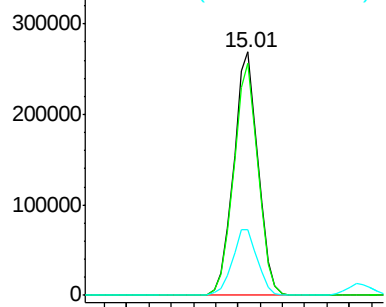
#93
 1,2,4-Trichlorobenzene
 Concen: 53.427 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

Tot Ion:180 Resp: 410840
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.2 144.6
 145 28.0 13.8 41.3

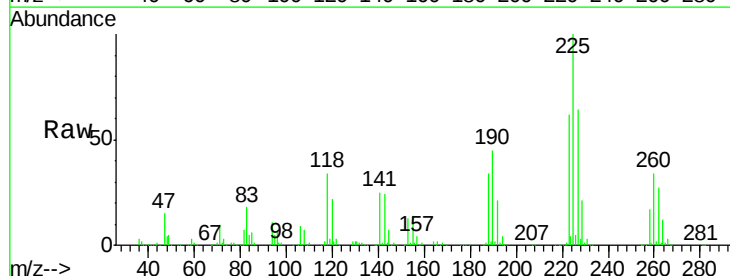


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

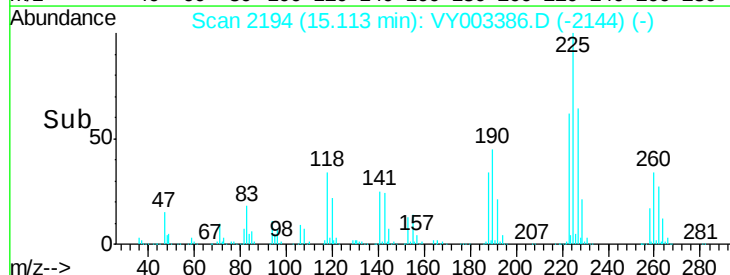
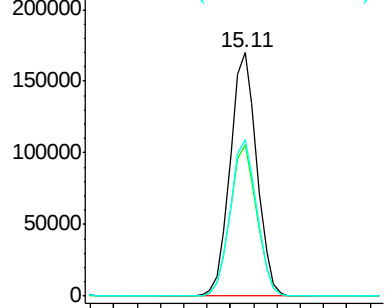


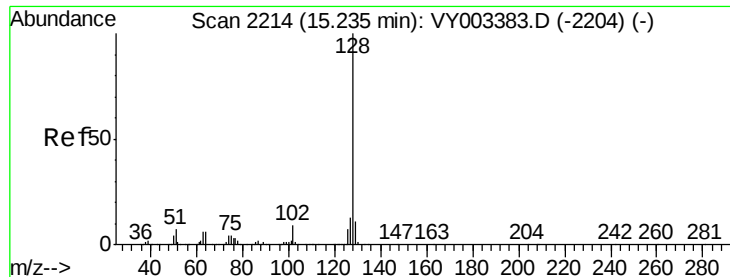
#94
 Hexachlorobutadiene
 Concen: 52.882 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion:225 Resp: 269305
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.6 94.8
 227 64.4 32.0 96.2



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

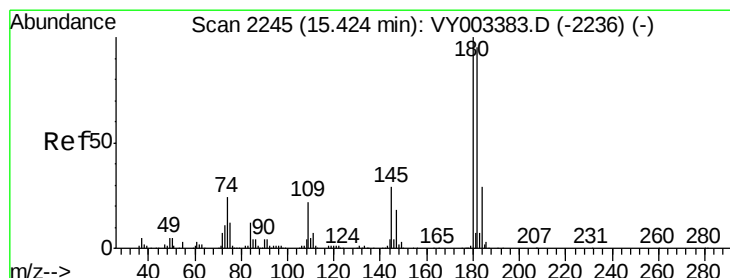
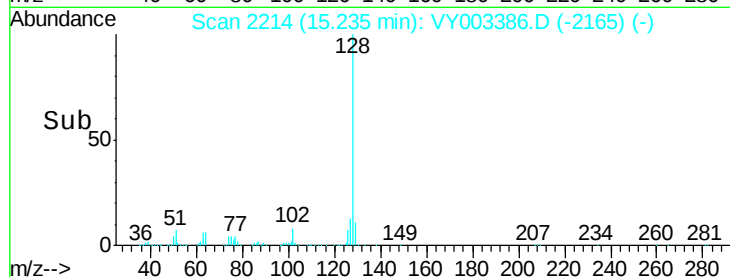
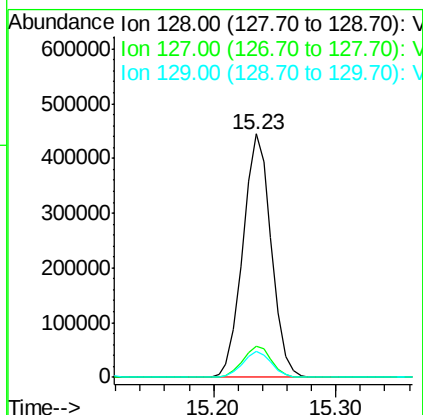
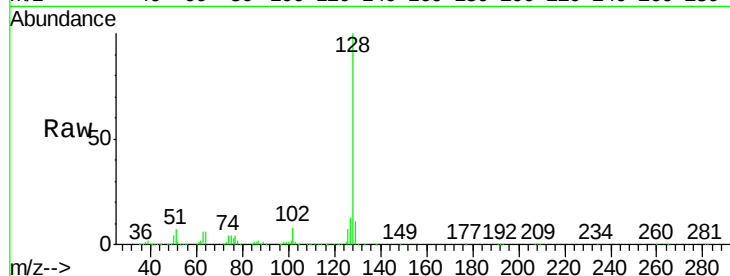




#95
Naphthalene
Concen: 54.574 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

Tot Ion:128 Resp: 710875
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.403 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion:180 Resp: 344677
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 29.5 14.5 43.5

