

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003308.D
 Acq On : 23 Jul 2020 11:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 24 04:33:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	432458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	637421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	586711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	315932	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	179469	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
35) Dibromofluoromethane	7.72	113	176307	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
50) Toluene-d8	10.18	98	644022	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	12.48	95	236515	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	125097	40.360	ug/l	98
3) Chloromethane	2.12	50	189072	43.977	ug/l	99
4) Vinyl Chloride	2.26	62	201476	45.674	ug/l	100
5) Bromomethane	2.65	94	152147	46.436	ug/l	97
6) Chloroethane	2.80	64	132585	45.761	ug/l	100
7) Trichlorofluoromethane	3.13	101	292253	46.392	ug/l	100
8) Diethyl Ether	3.54	74	100794	47.748	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.91	101	178683	46.964	ug/l	98
10) Methyl Iodide	4.10	142	194490	47.052	ug/l	99
11) Tert butyl alcohol	4.96	59	89494	226.744	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	167420	46.523	ug/l	98
13) Acrolein	3.74	56	71131	207.633	ug/l	100
14) Allyl chloride	4.49	41	288333	53.997	ug/l	94
15) Acrylonitrile	5.18	53	268264	264.553	ug/l	99
16) Acetone	3.95	43	221642	271.846	ug/l	99
17) Carbon Disulfide	4.20	76	511735	46.342	ug/l	98
18) Methyl Acetate	4.48	43	124200	54.853	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	492630	48.849	ug/l	100
20) Methylene Chloride	4.72	84	196783	47.719	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	195046	47.920	ug/l	99
22) Diisopropyl ether	6.13	45	638009	53.836	ug/l	94
23) Vinyl Acetate	6.07	43	2075007	262.695	ug/l	98
24) 1,1-Dichloroethane	6.02	63	347028	50.544	ug/l	100
25) 2-Butanone	6.99	43	351870	262.848	ug/l	99
26) 2,2-Dichloropropane	6.99	77	313009	50.623	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	221225	49.365	ug/l	98
28) Bromochloromethane	7.34	49	162304	54.601	ug/l	96
29) Tetrahydrofuran	7.35	42	232927	259.007	ug/l	95
30) Chloroform	7.51	83	355736	50.307	ug/l	98
31) Cyclohexane	7.78	56	314653	47.394	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	315801	49.607	ug/l	99
36) 1,1-Dichloropropene	7.92	75	277574	48.047	ug/l	99
37) Ethyl Acetate	7.08	43	158169	50.839	ug/l	97
38) Carbon Tetrachloride	7.91	117	291834	48.932	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	335279	46.198	ug/l	97
40) Benzene	8.16	78	775322	48.740	ug/l	96
41) Methacrylonitrile	7.35	41	215486	115.002	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	236916	48.378	ug/l	100
43) Isopropyl Acetate	8.28	43	304449	50.556	ug/l	99
44) Trichloroethene	8.94	130	224576	46.053	ug/l	93
45) 1,2-Dichloropropane	9.22	63	206368	50.137	ug/l	99
46) Dibromomethane	9.31	93	114297	47.544	ug/l	99
47) Bromodichloromethane	9.50	83	285271	49.893	ug/l	99
48) Methyl methacrylate	9.29	41	136546	50.719	ug/l	93
49) 1,4-Dioxane	9.30	88	28147	922.509	ug/l #	85
51) 4-Methyl-2-Pentanone	10.07	43	791547	252.883	ug/l	98
52) Toluene	10.24	92	491464	48.337	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	296702	50.085	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	335784	49.195	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	166553	48.891	ug/l	98
56) Ethyl methacrylate	10.51	69	231711	50.030	ug/l	97
57) 1,3-Dichloropropane	10.79	76	281208	48.684	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	624049	264.200	ug/l	97
59) 2-Hexanone	10.83	43	555692	254.317	ug/l	99
60) Dibromochloromethane	10.99	129	207679	48.470	ug/l	100
61) 1,2-Dibromoethane	11.09	107	157020	46.701	ug/l	100
64) Tetrachloroethene	10.72	164	226339	43.266	ug/l	99
65) Chlorobenzene	11.52	112	552181	48.854	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	217079	49.450	ug/l	98
67) Ethyl Benzene	11.59	91	993117	49.211	ug/l	98
68) m/p-Xylenes	11.70	106	742273	96.938	ug/l	99
69) o-Xylene	12.03	106	348267	48.685	ug/l	98
70) Styrene	12.04	104	613579	50.140	ug/l	100
71) Bromoform	12.20	173	140108	48.628	ug/l	99
73) Isopropylbenzene	12.33	105	965479	47.954	ug/l	100
74) N-amyl acetate	12.14	43	285105	50.469	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	187750	48.284	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	259007	92.617	ug/l #	100
77) Bromobenzene	12.61	156	246403	48.013	ug/l	99
78) n-propylbenzene	12.67	91	1163992	49.047	ug/l	100
79) 2-Chlorotoluene	12.75	91	641139	48.421	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	819724	48.851	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	69669	48.485	ug/l	97
82) 4-Chlorotoluene	12.85	91	671558	48.592	ug/l	100
83) tert-Butylbenzene	13.07	119	732253	49.456	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	829394	49.124	ug/l	98
85) sec-Butylbenzene	13.25	105	996729	48.979	ug/l	100
86) p-Isopropyltoluene	13.37	119	941483	49.548	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	468330	48.257	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	471467	49.068	ug/l	99
89) n-Butylbenzene	13.69	91	897737	50.229	ug/l	99
90) Hexachloroethane	13.96	117	177595	51.323	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	419555	49.262	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	30011	47.606	ug/l	98

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QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

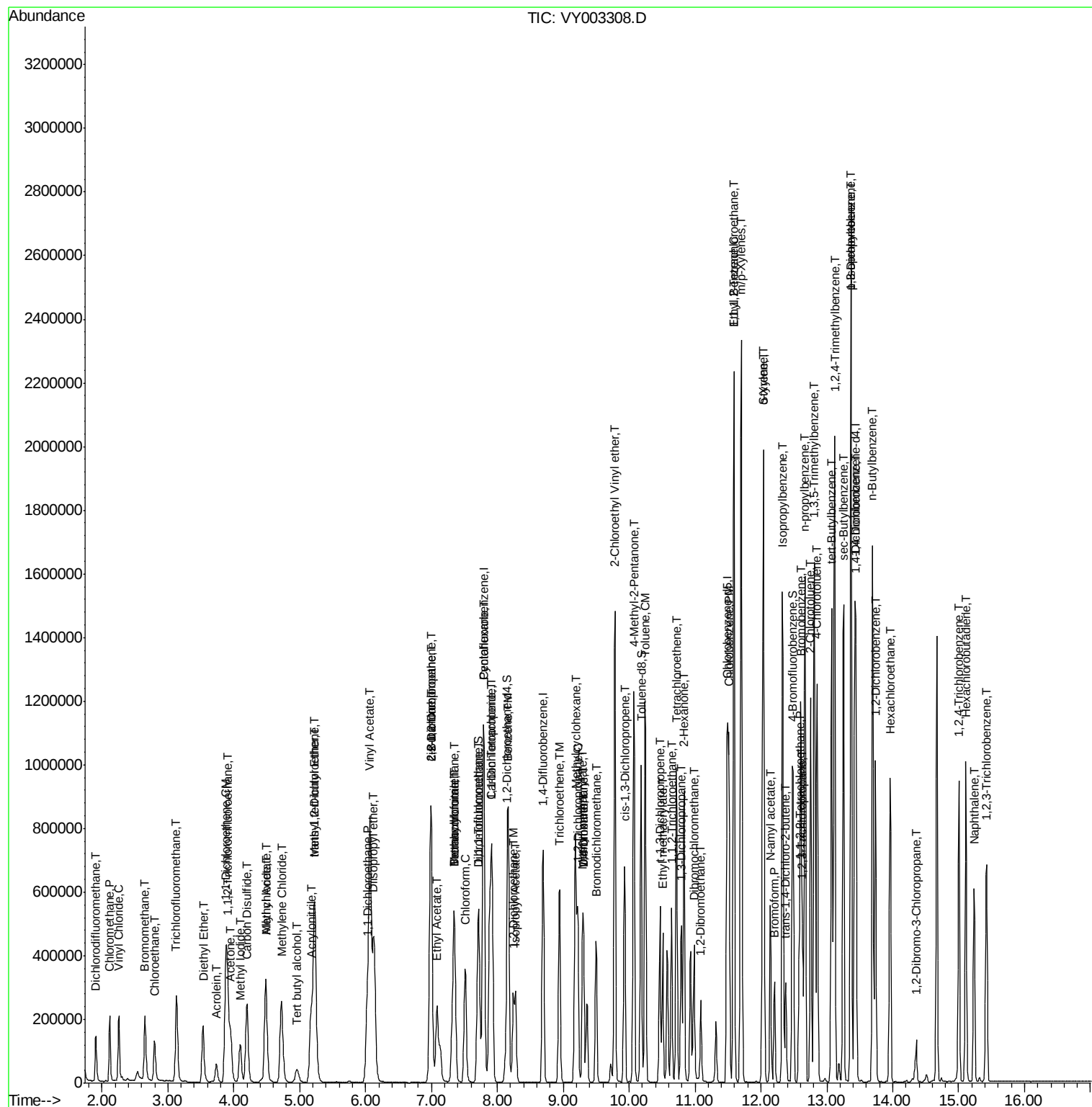
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	299986	49.512	ug/l	99
94) Hexachlorobutadiene	15.11	225	197992	47.690	ug/l	100
95) Naphthalene	15.23	128	496514	49.586	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	239393	49.983	ug/l	97

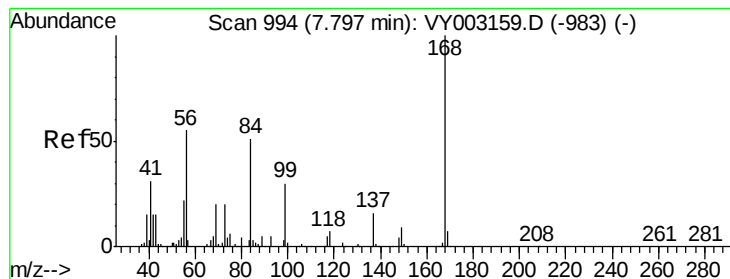
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

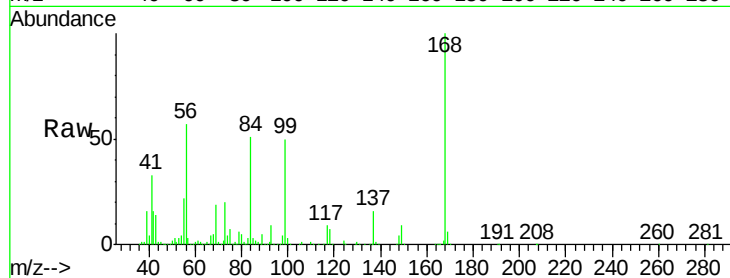
VSTDCCC050

Tot Ion:168 Resp: 432458

Ion Ratio Lower Upper

168 100

99 50.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003308.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003308.D (-945) (-)

7.80

200000

150000

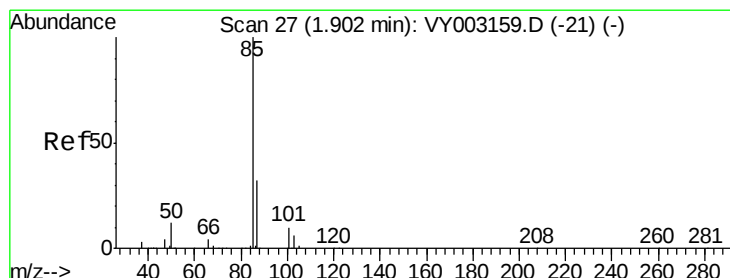
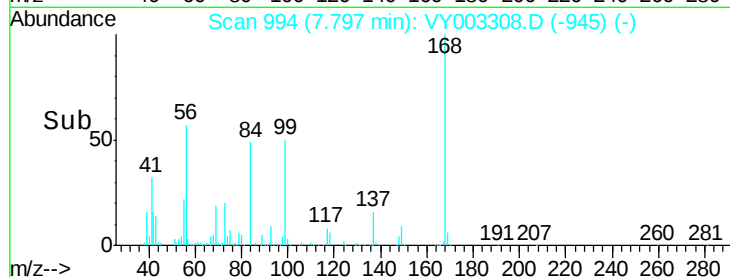
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 40.360 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003308.D

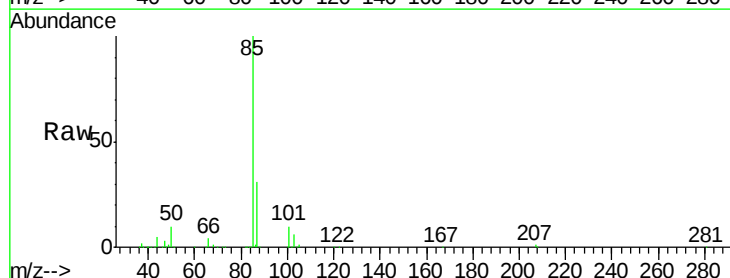
Acq: 23 Jul 2020 11:20

Tgt Ion: 85 Resp: 125097

Ion Ratio Lower Upper

85 100

87 30.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003308.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003308.D (-1) (-)

1.91

80000

60000

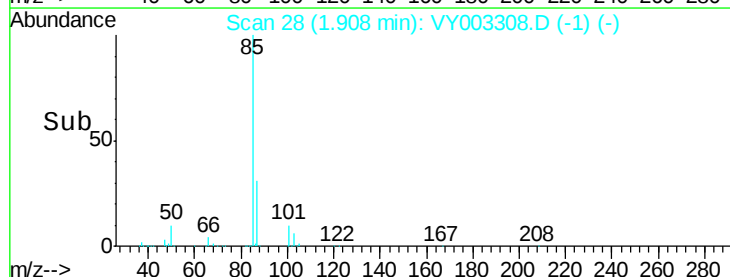
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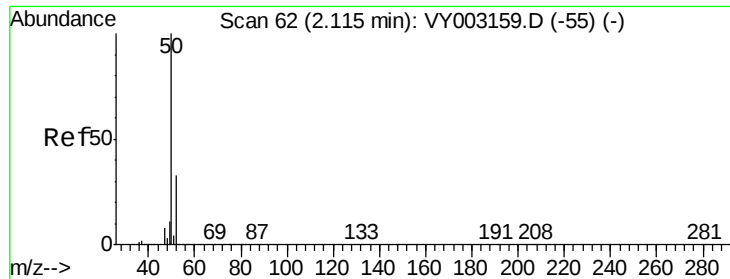
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0

1.80 1.85 1.90 1.95 2.00

Time-->

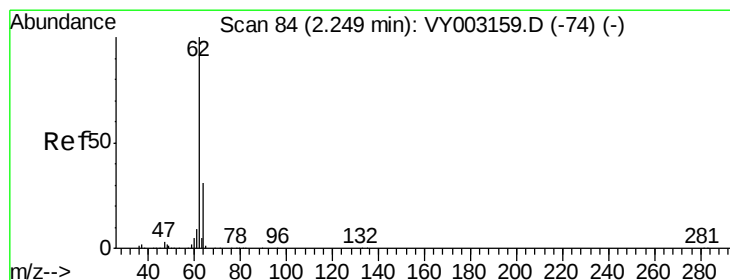
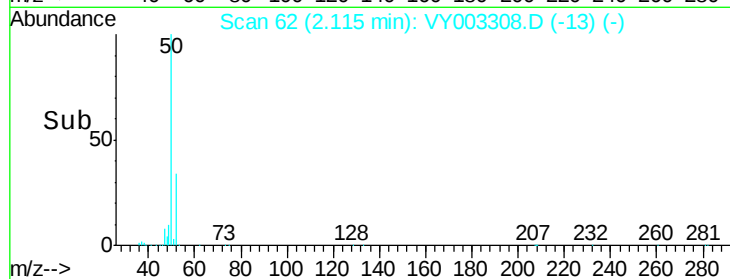
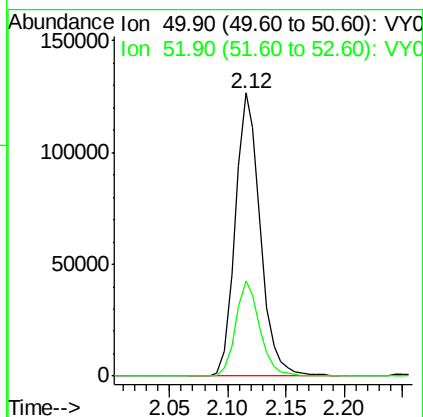
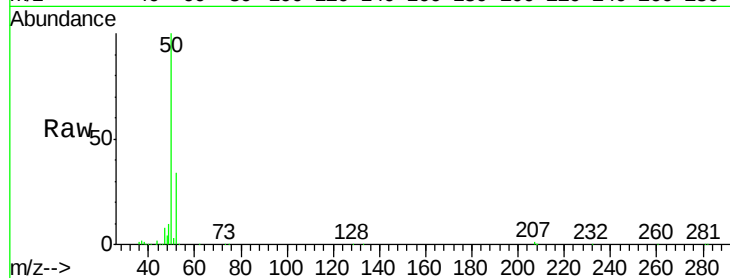




#3
Chloromethane
Concen: 43.977 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

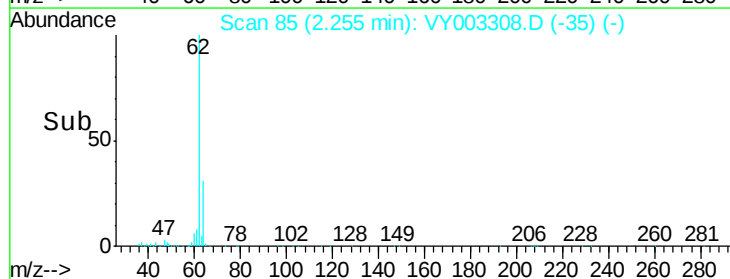
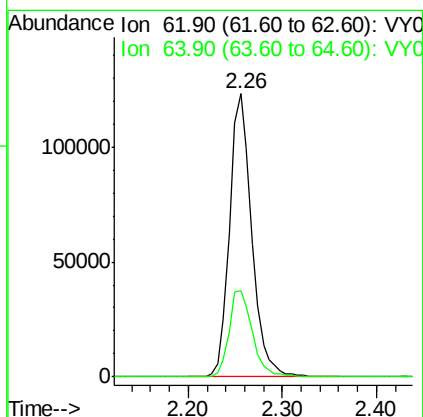
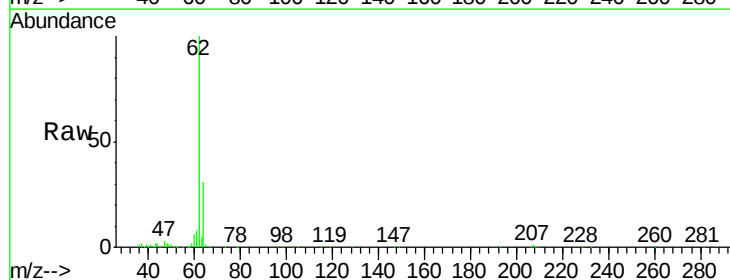
Instrument :
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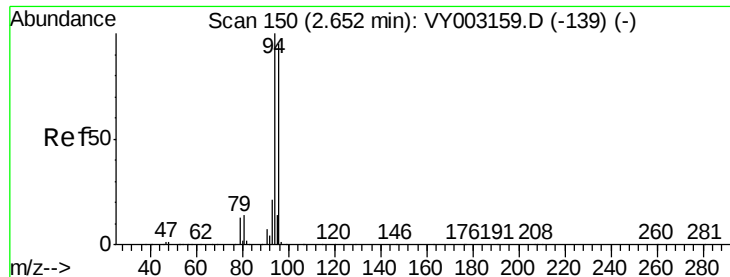
Tot Ion: 50 Resp: 189072
Ion Ratio Lower Upper
50 100
52 33.6 26.6 39.8



#4
Vinyl Chloride
Concen: 45.674 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.01 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Tgt Ion: 62 Resp: 201476
Ion Ratio Lower Upper
62 100
64 30.6 24.6 37.0





#5

Bromomethane

Concen: 46.436 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

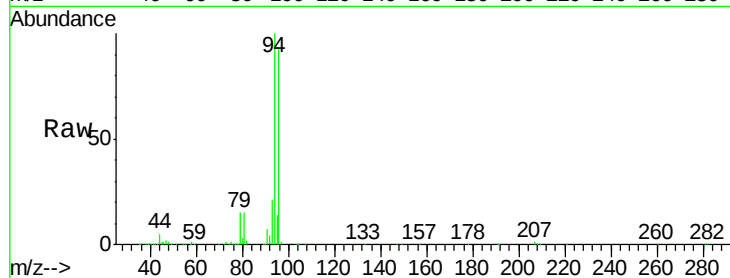
VSTDCCC050

Tot Ion: 94 Resp: 152147

Ion Ratio Lower Upper

94 100

96 92.6 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

80000

60000

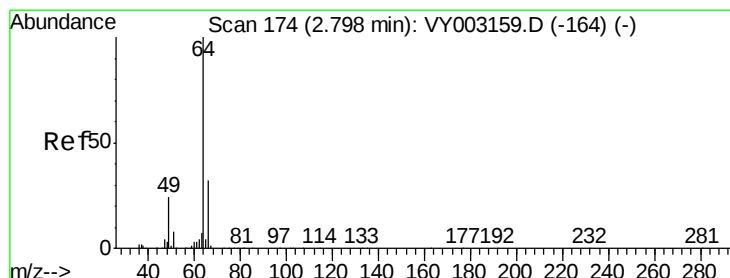
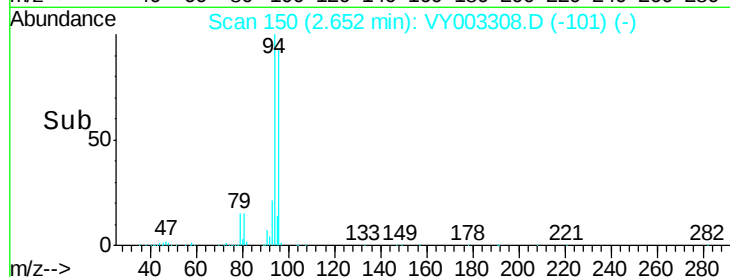
40000

20000

0

Time-->

2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 45.761 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003308.D

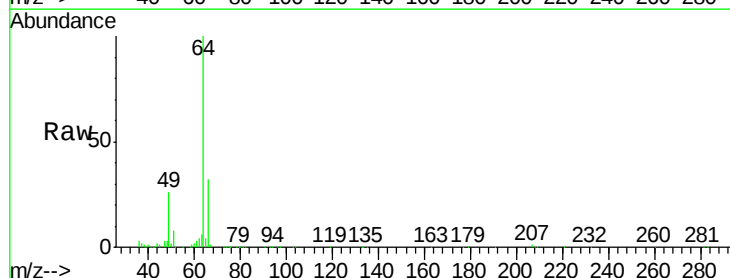
Acq: 23 Jul 2020 11:20

Tgt Ion: 64 Resp: 132585

Ion Ratio Lower Upper

64 100

66 32.4 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

60000

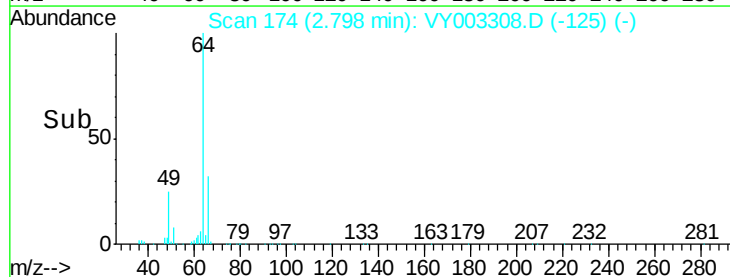
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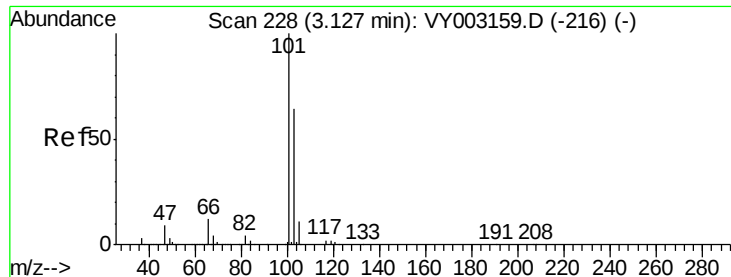
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0

Time-->

2.70 2.80 2.90



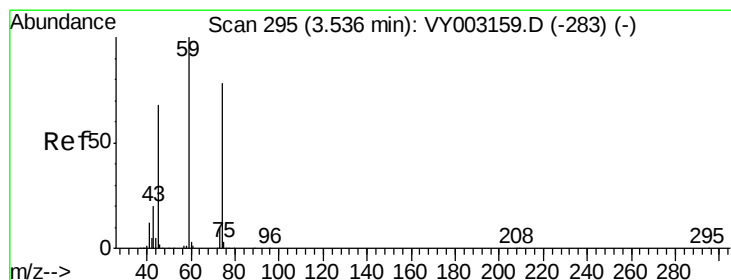
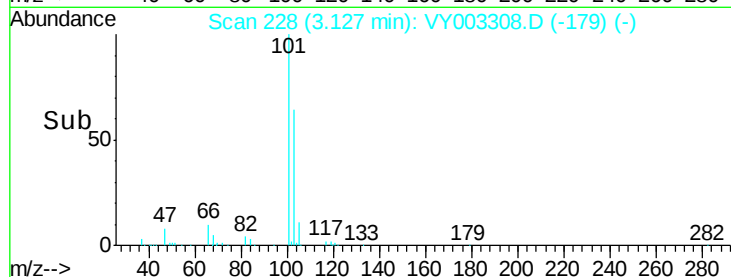
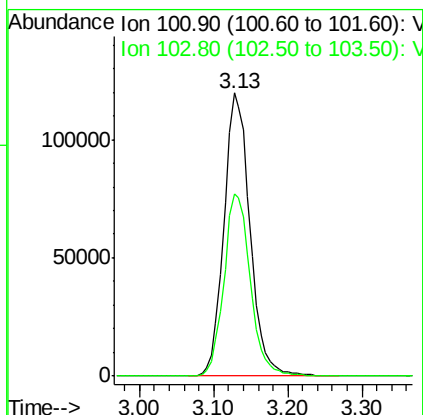
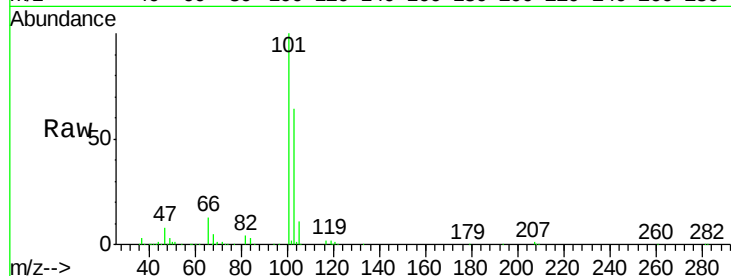


#7

Trichlorofluoromethane
 Concen: 46.392 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003308.D
 Acq: 23 Jul 2020 11:20

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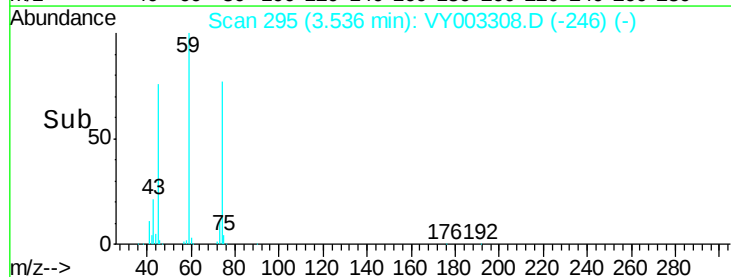
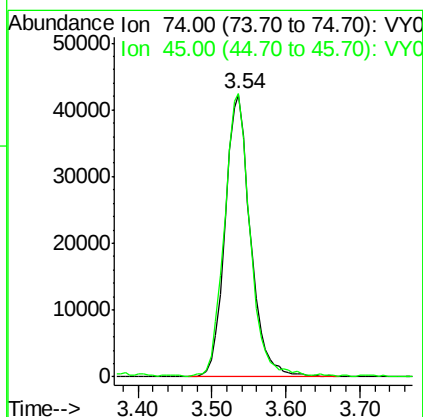
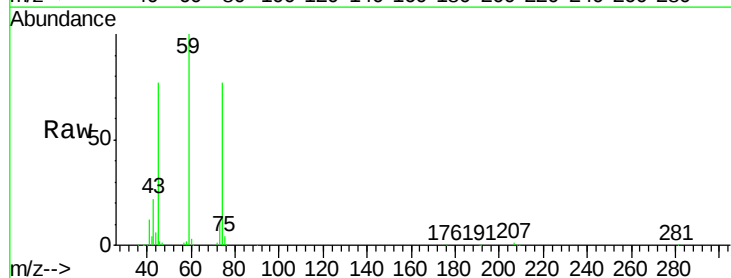
Tot Ion:101 Resp: 292253
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.3 76.9

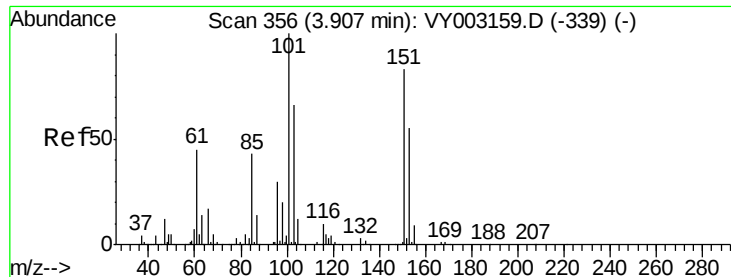


#8

Diethyl Ether
 Concen: 47.748 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY003308.D
 Acq: 23 Jul 2020 11:20

Tgt Ion: 74 Resp: 100794
 Ion Ratio Lower Upper
 74 100
 45 100.3 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.964 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

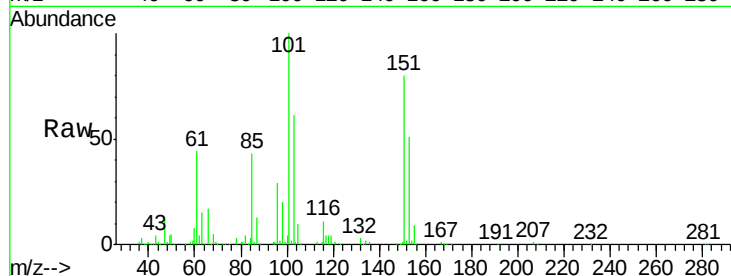
Tot Ion:101 Resp: 178683

Ion Ratio Lower Upper

101 100

85 44.7 34.9 52.3

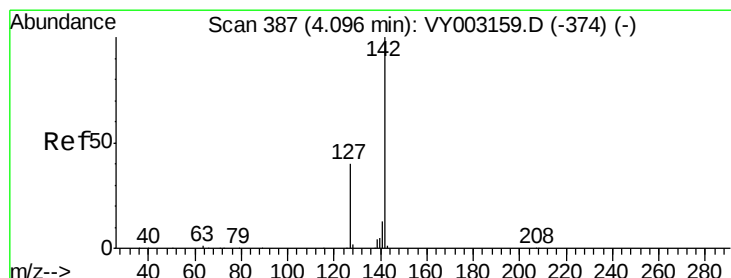
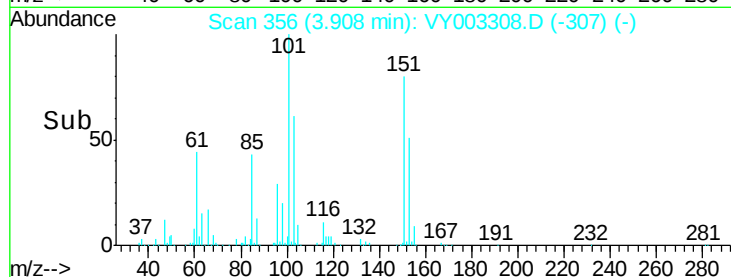
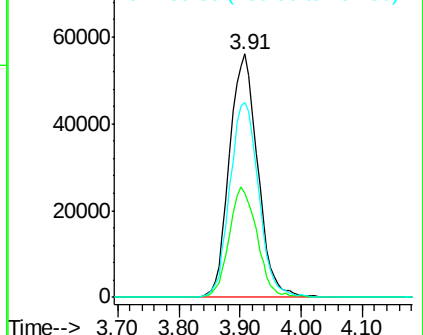
151 81.4 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.052 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

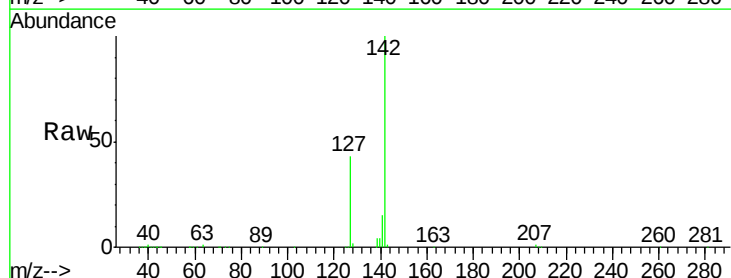
Tgt Ion:142 Resp: 194490

Ion Ratio Lower Upper

142 100

127 42.8 33.5 50.3

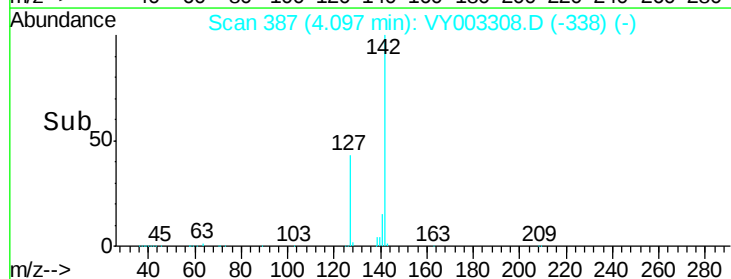
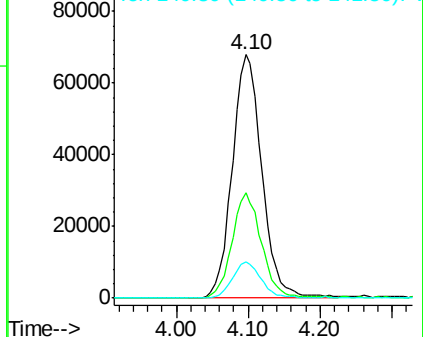
141 14.5 11.2 16.8

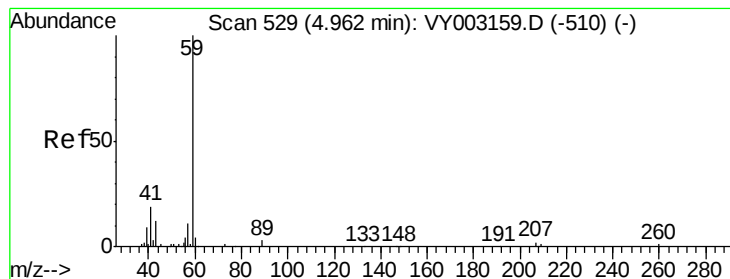


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



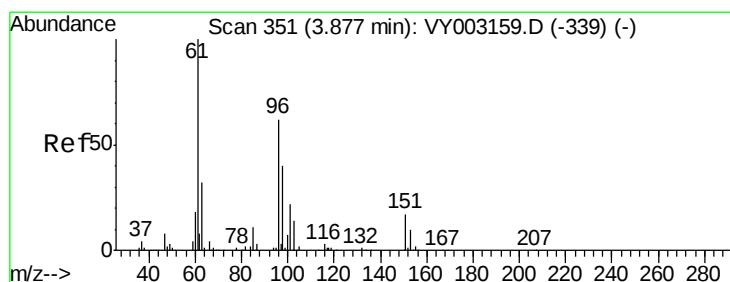
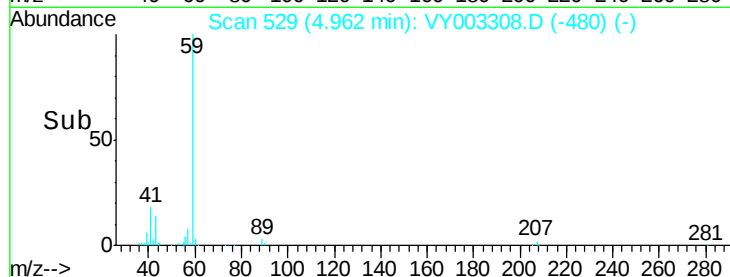
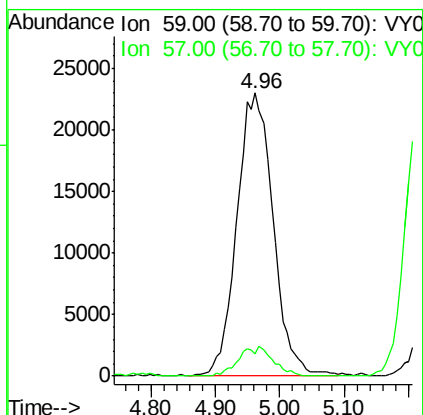
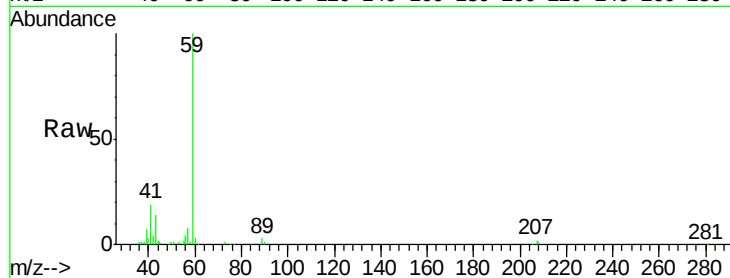


#11

Tert butyl alcohol
 Concen: 226.744 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY003308.D
 Acq: 23 Jul 2020 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

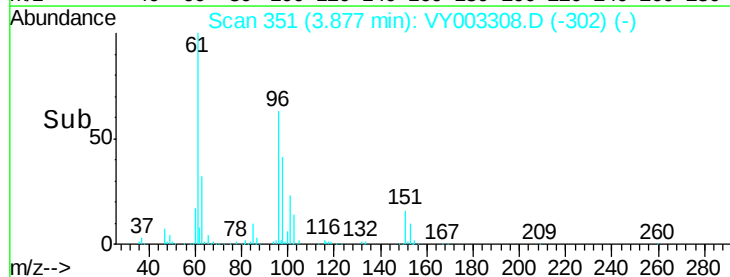
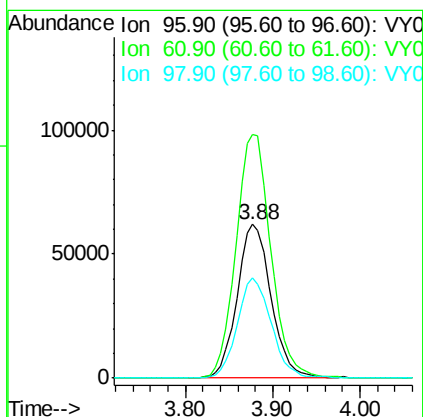
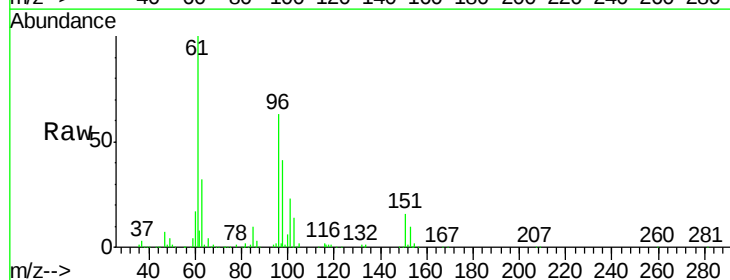
Tot Ion: 59 Resp: 89494
 Ion Ratio Lower Upper
 59 100
 57 5.2 8.4 12.6#

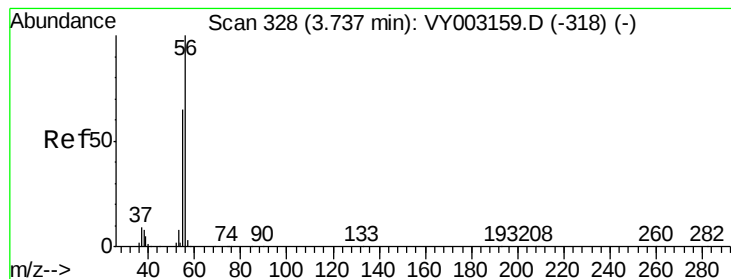


#12

1,1-Dichloroethene
 Concen: 46.523 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003308.D
 Acq: 23 Jul 2020 11:20

Tgt Ion: 96 Resp: 167420
 Ion Ratio Lower Upper
 96 100
 61 158.6 128.6 193.0
 98 65.4 51.6 77.4





#13

Acrolein

Concen: 207.633 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

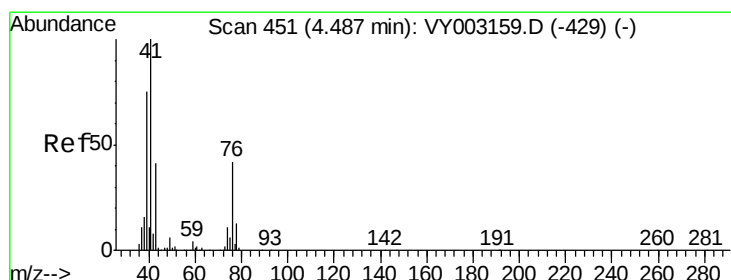
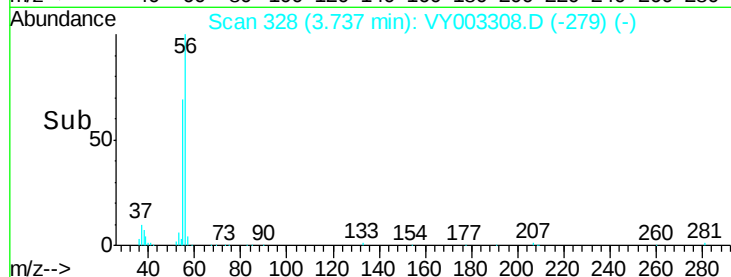
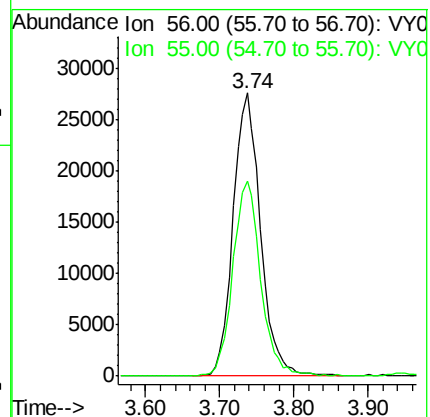
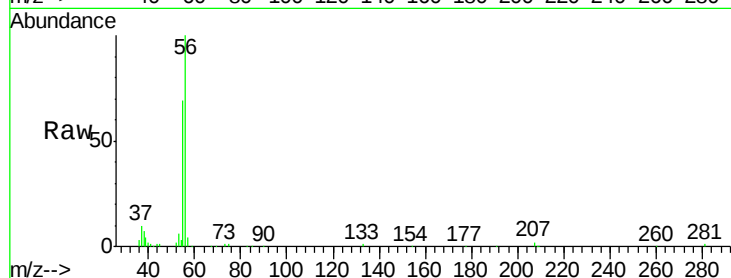
VSTDCCC050

Tot Ion: 56 Resp: 71131

Ion Ratio Lower Upper

56 100

55 70.1 56.0 84.0



#14

Allyl chloride

Concen: 53.997 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

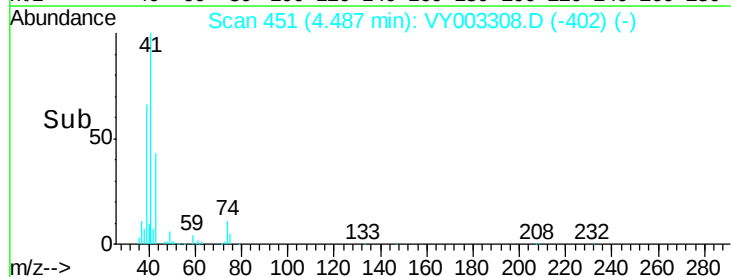
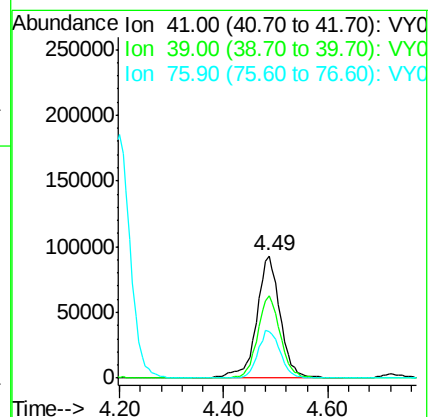
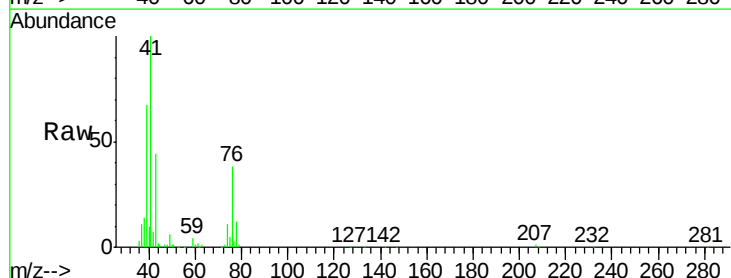
Tgt Ion: 41 Resp: 288333

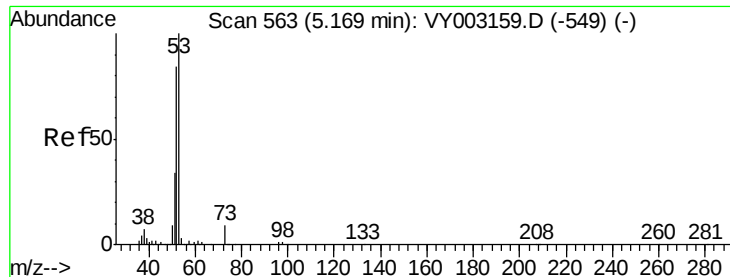
Ion Ratio Lower Upper

41 100

39 65.3 56.6 85.0

76 37.0 31.6 47.4





#15

Acrylonitrile

Concen: 264.553 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

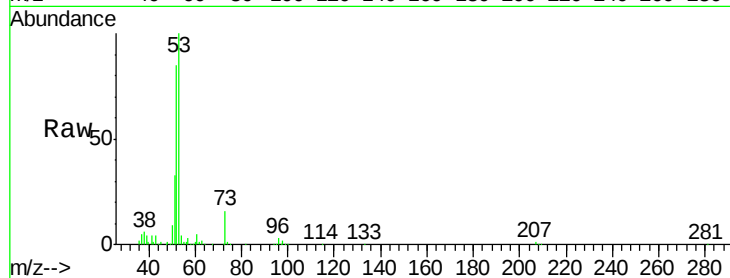
Tot Ion: 53 Resp: 268264

Ion Ratio Lower Upper

53 100

52 82.8 65.8 98.6

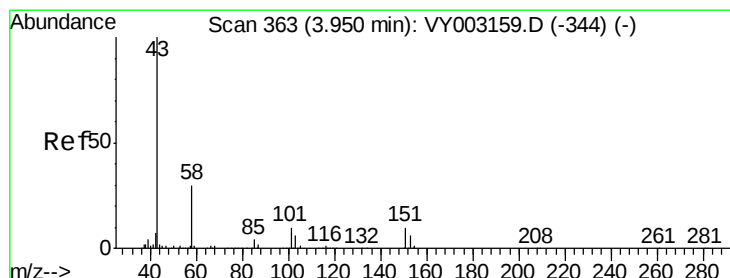
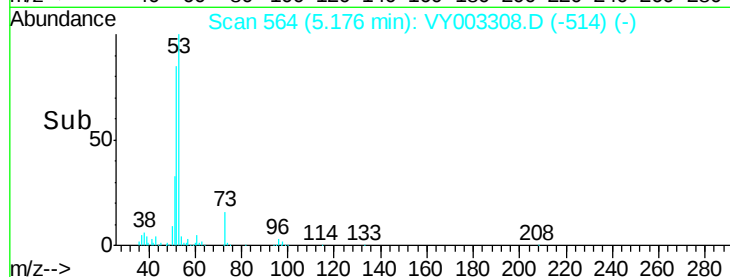
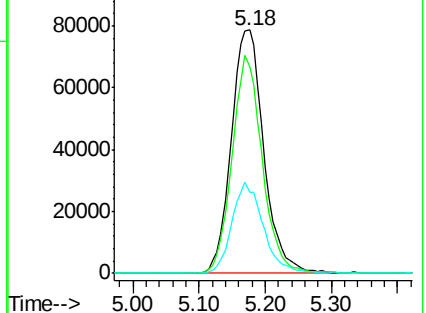
51 36.2 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY003308.D (-514) (-)

Ion 52.00 (51.70 to 52.70): VY003308.D (-514) (-)

Ion 51.00 (50.70 to 51.70): VY003308.D (-514) (-)



#16

Acetone

Concen: 271.846 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003308.D

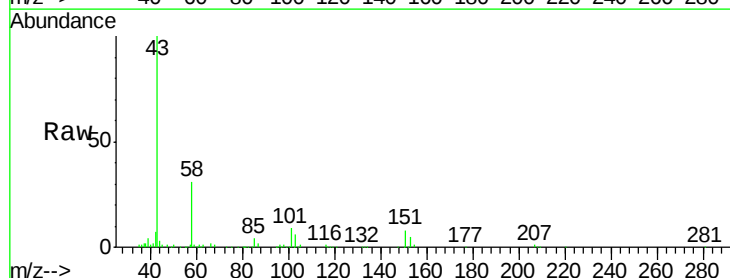
Acq: 23 Jul 2020 11:20

Tgt Ion: 43 Resp: 221642

Ion Ratio Lower Upper

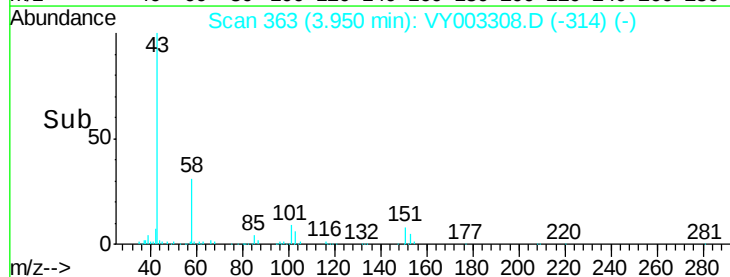
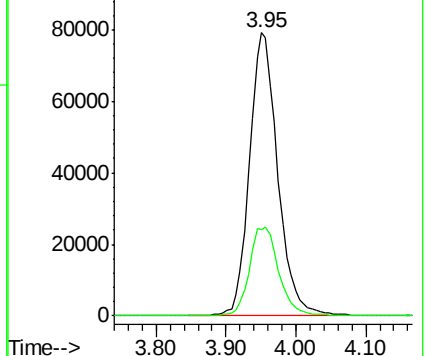
43 100

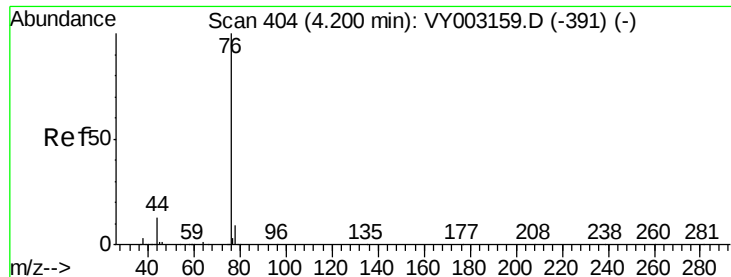
58 30.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003308.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003308.D (-314) (-)





#17

Carbon Disulfide

Concen: 46.342 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

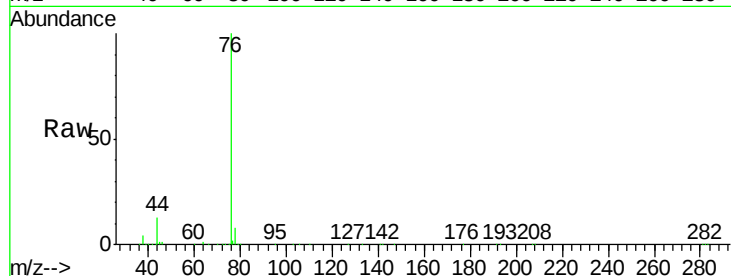
VSTDCCC050

Tot Ion: 76 Resp: 511735

Ion Ratio Lower Upper

76 100

78 8.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

200000

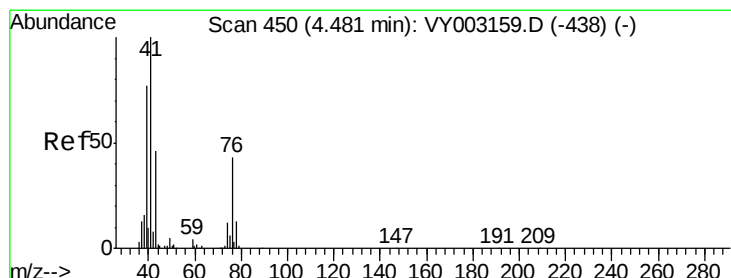
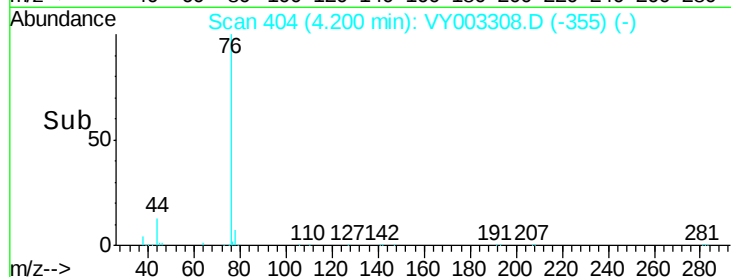
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 54.853 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY003308.D

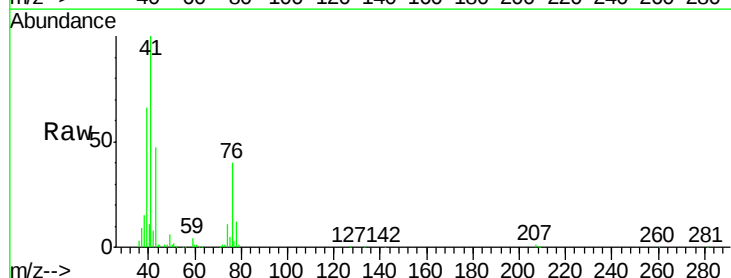
Acq: 23 Jul 2020 11:20

Tgt Ion: 43 Resp: 124200

Ion Ratio Lower Upper

43 100

74 23.9 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.48

50000

40000

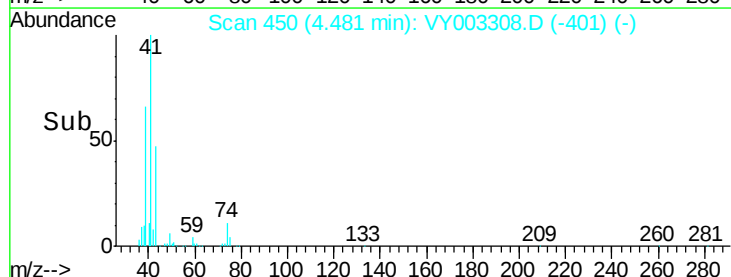
30000

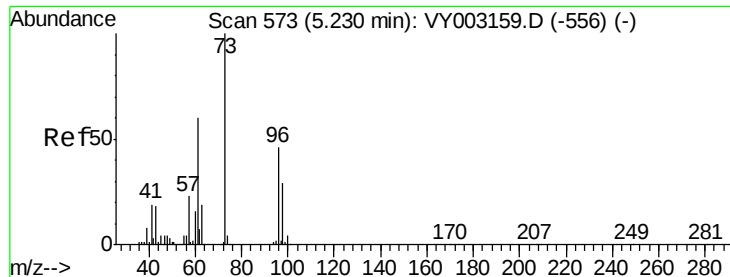
20000

10000

0

Time-->

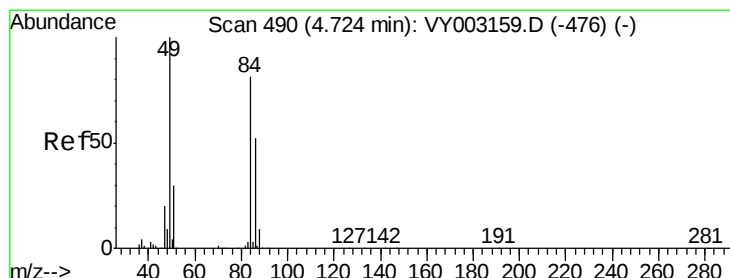
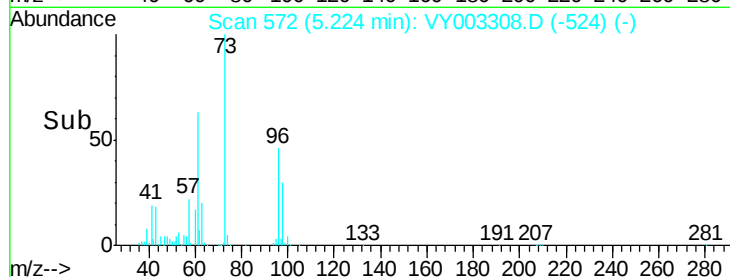
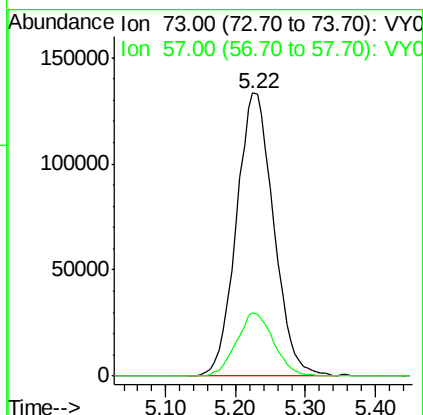
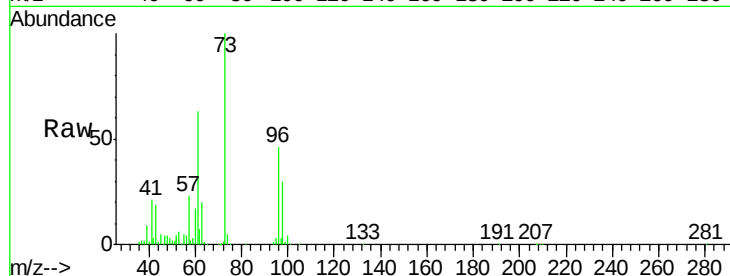




#19
Methvl tert-butvl Ether
Concen: 48.849 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

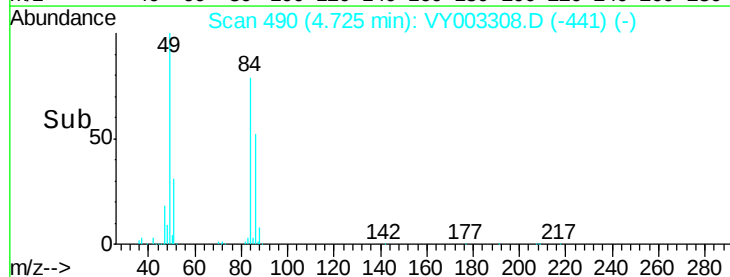
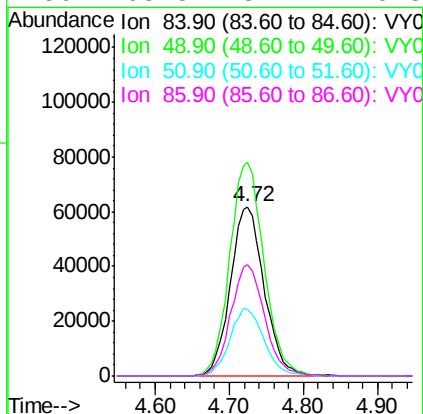
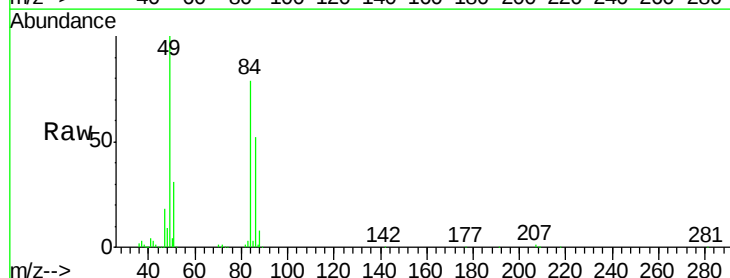
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

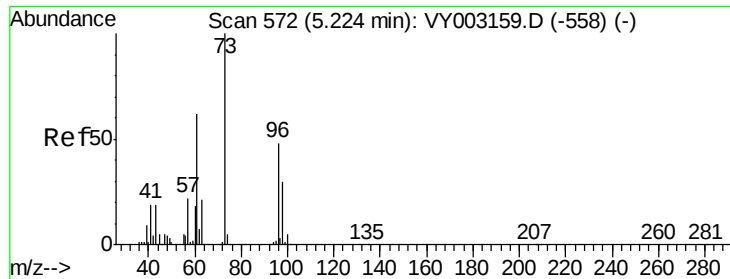
Tot Ion: 73 Resp: 492630
Ion Ratio Lower Upper
73 100
57 22.5 18.1 27.1



#20
Methylene Chloride
Concen: 47.719 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Tgt Ion: 84 Resp: 196783
Ion Ratio Lower Upper
84 100
49 126.1 98.2 147.4
51 39.6 29.8 44.6
86 65.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 47.920 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

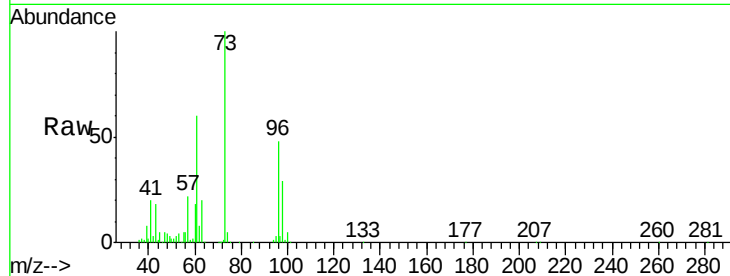
Tot Ion: 96 Resp: 195046

Ion Ratio Lower Upper

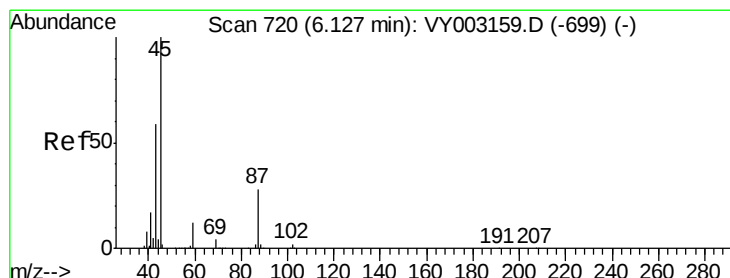
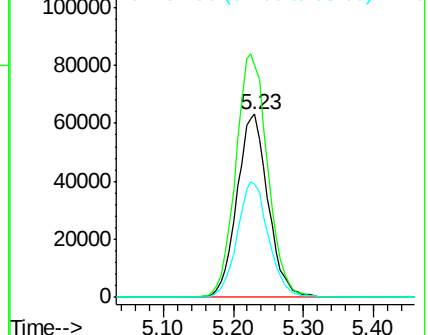
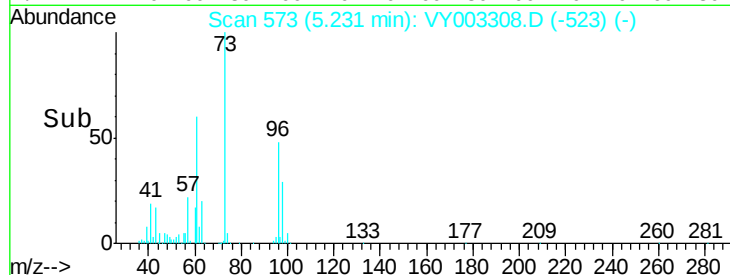
96 100

61 126.7 102.5 153.7

98 61.6 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VY003308.D (-523) (-)



#22

Diisopropyl ether

Concen: 53.836 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Tgt Ion: 45 Resp: 638009

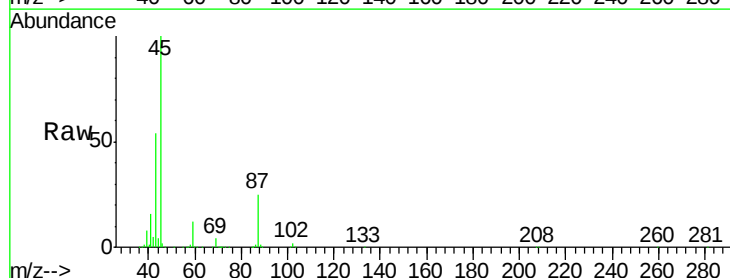
Ion Ratio Lower Upper

45 100

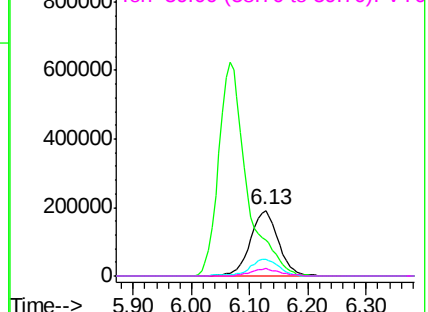
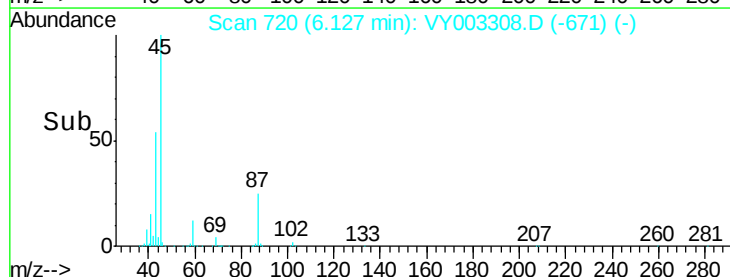
43 53.7 47.0 70.4

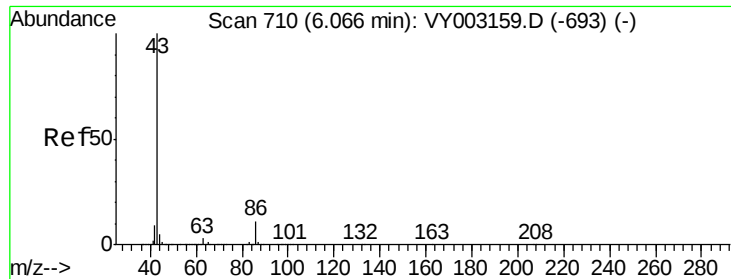
87 25.2 22.6 33.8

59 11.6 9.8 14.6



Abundance Ion 45.00 (44.70 to 45.70): VY003308.D (-671) (-)





#23

Vinyl Acetate

Concen: 262.695 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

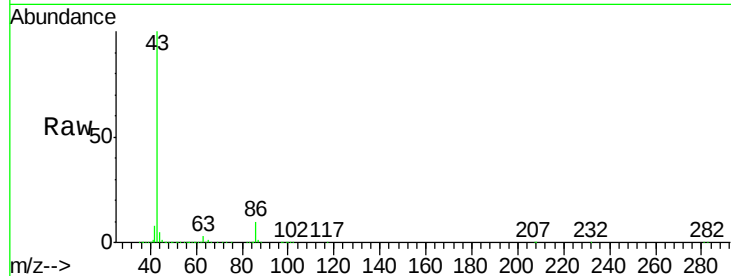
VSTDCCC050

Tot Ion: 43 Resp: 2075007

Ion Ratio Lower Upper

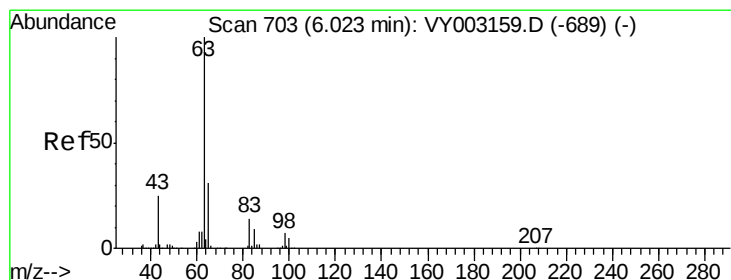
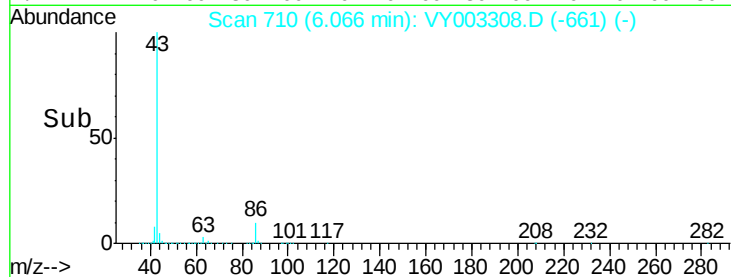
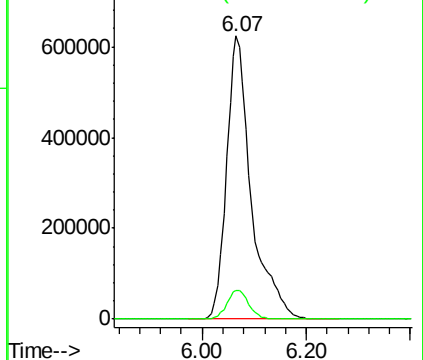
43 100

86 10.3 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.544 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

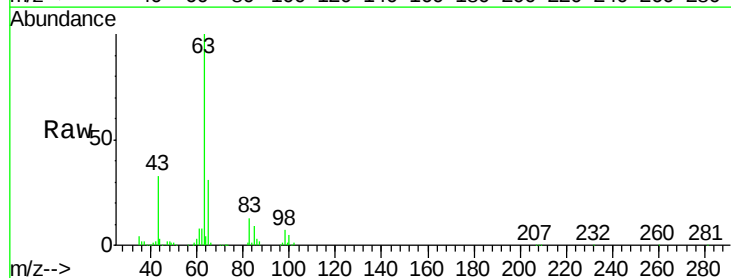
Tgt Ion: 63 Resp: 347028

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

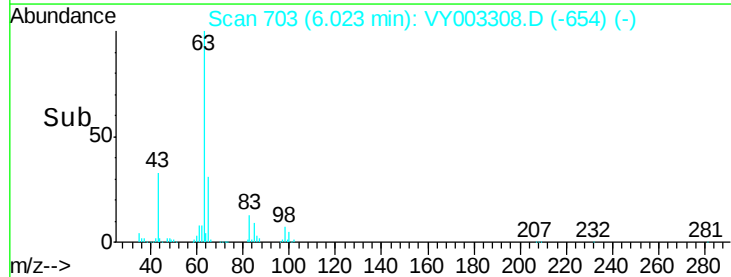
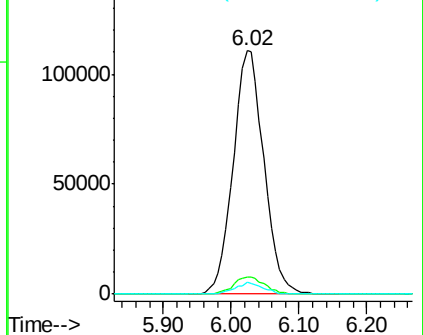
100 4.7 2.4 7.2

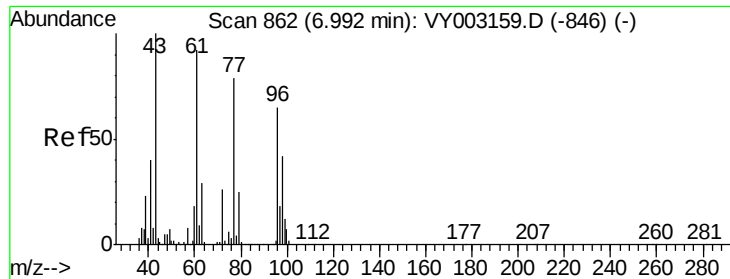


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

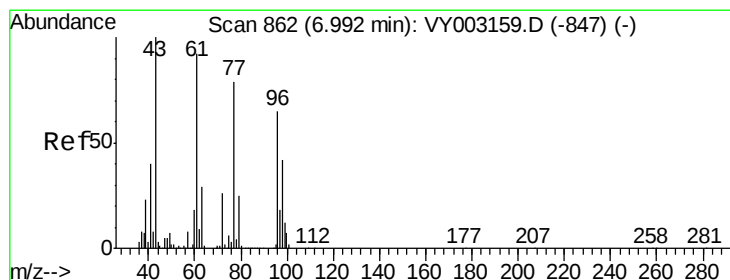
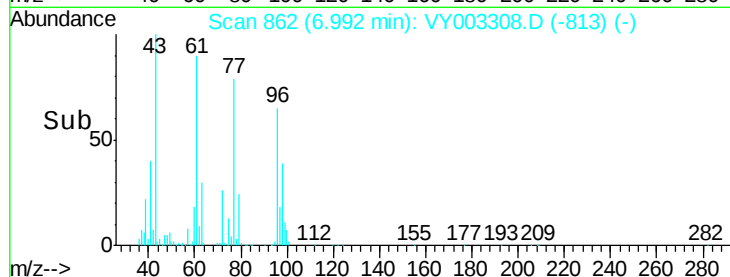
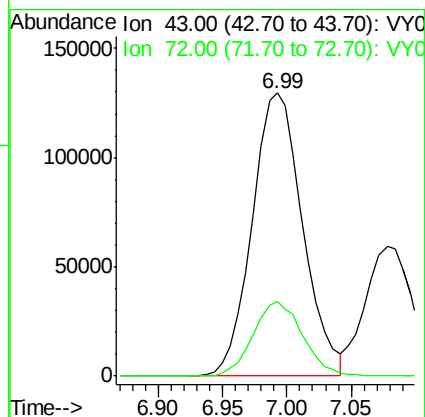
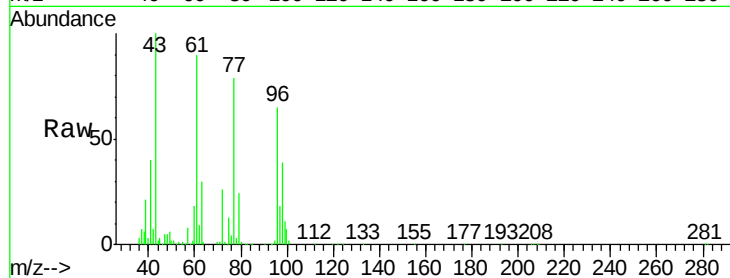




#25
2-Butanone
Concen: 262.848 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

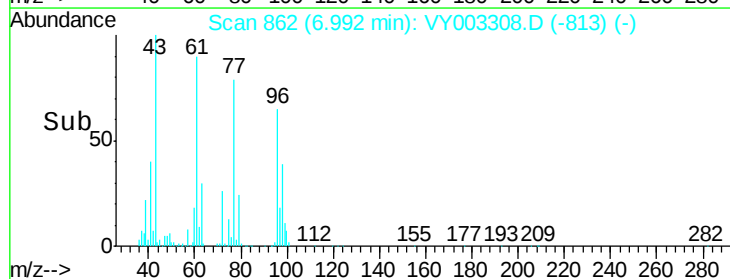
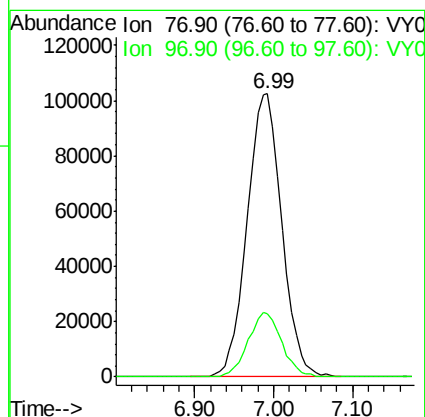
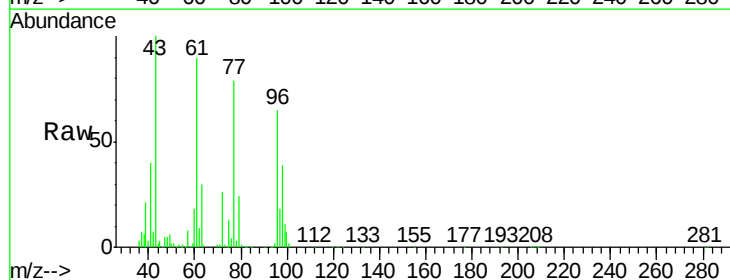
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

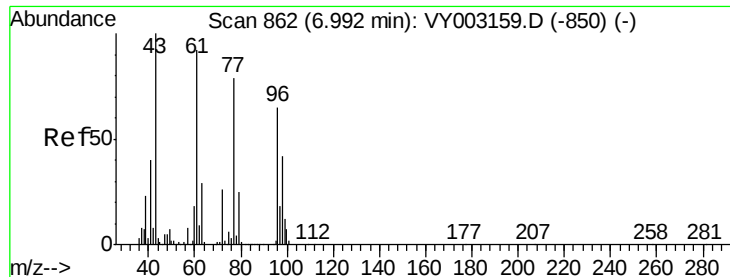
Tot Ion: 43 Resp: 351870
Ion Ratio Lower Upper
43 100
72 26.4 20.9 31.3



#26
2,2-Dichloropropane
Concen: 50.623 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Tgt Ion: 77 Resp: 313009
Ion Ratio Lower Upper
77 100
97 22.2 11.6 34.7



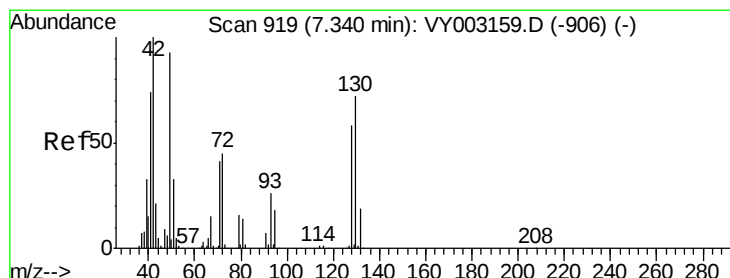
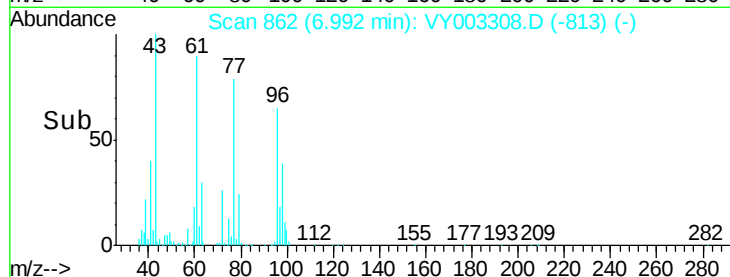
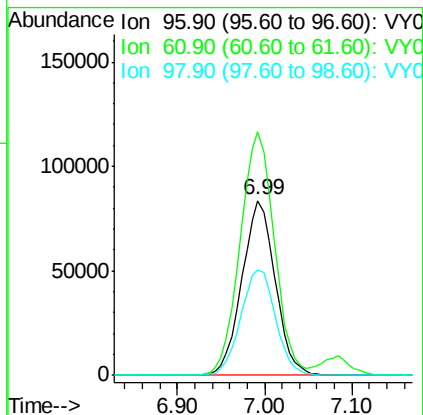
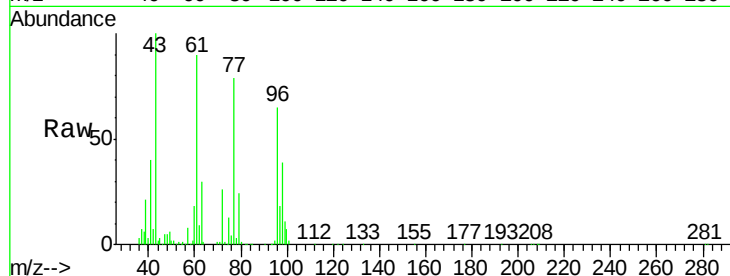


#27

cis-1,2-Dichloroethene
Concen: 49.365 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

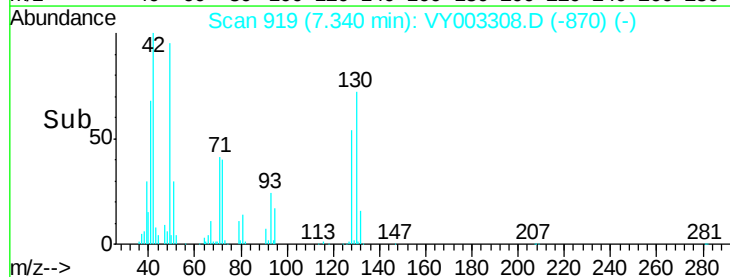
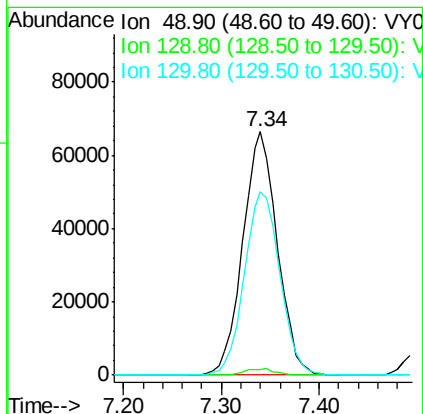
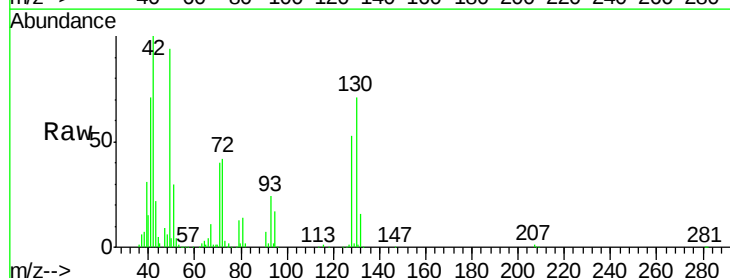
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	281.2
98	63.2	0.0	129.8

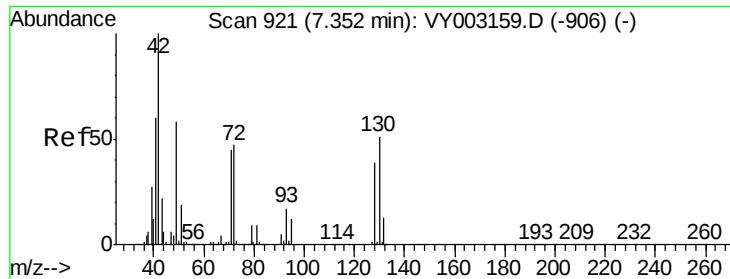


#28

Bromochloromethane
Concen: 54.601 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	77.9	64.9	97.3

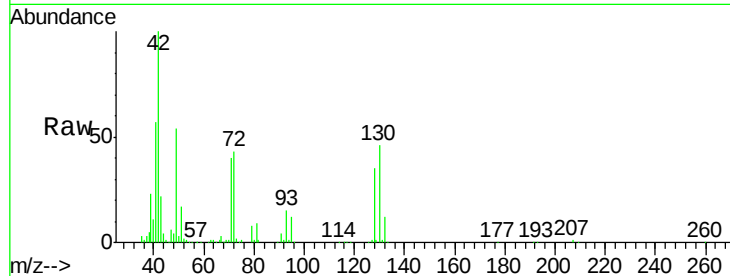




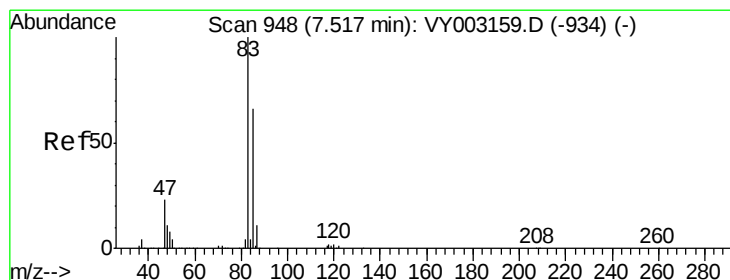
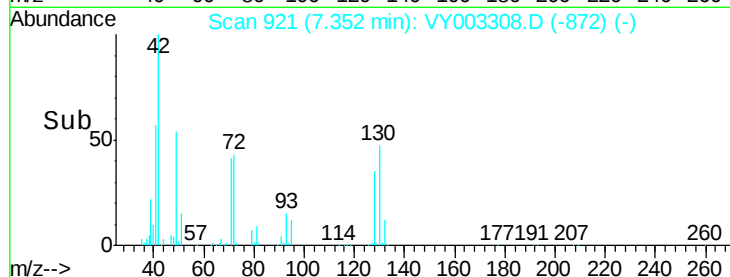
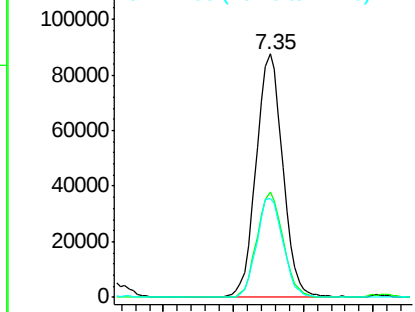
#29
Tetrahydrofuran
Concen: 259.007 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	36.7	55.1
71	40.4	34.2	51.4

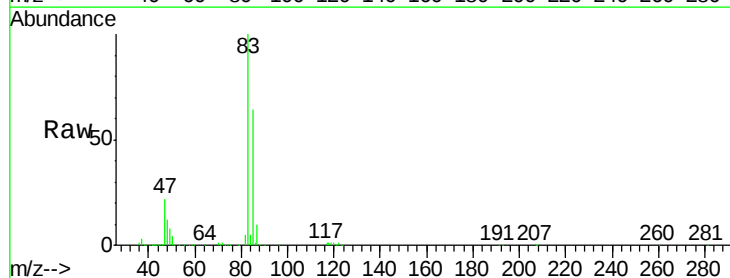


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

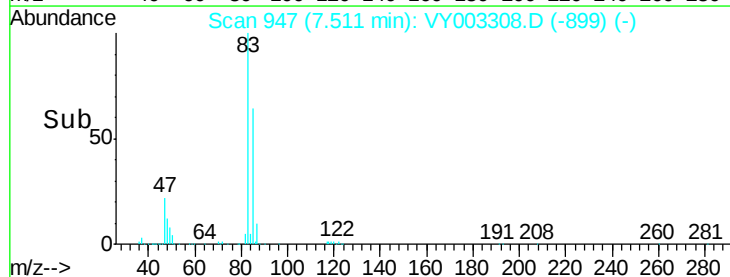
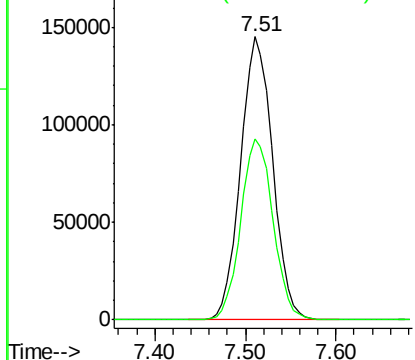


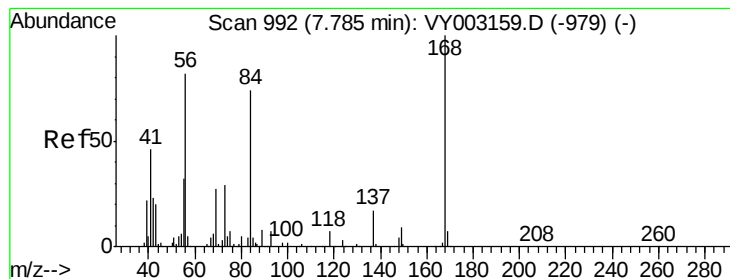
#30
Chloroform
Concen: 50.307 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.6	78.8



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





#31

Cyclohexane

Concen: 47.394 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

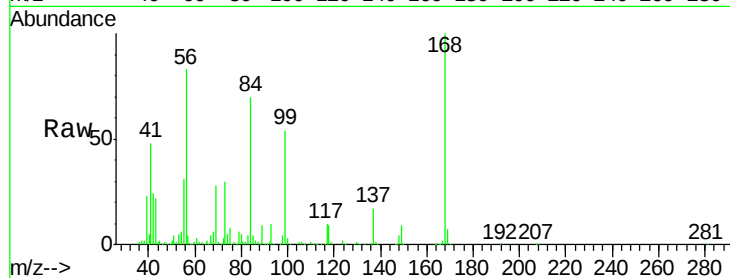
Tot Ion: 56 Resp: 314653

Ion Ratio Lower Upper

56 100

69 33.9 26.7 40.1

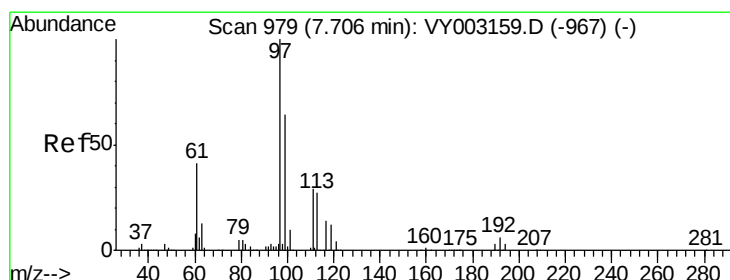
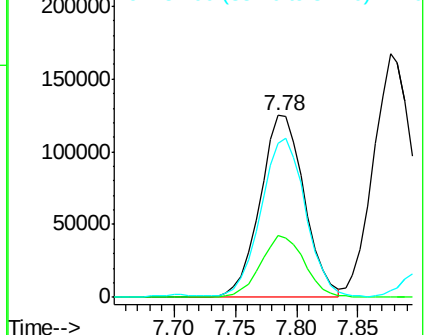
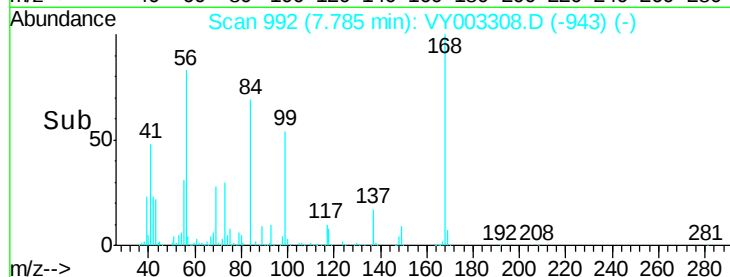
84 83.2 72.3 108.5



Abundance Ion 56.00 (55.70 to 56.70): VY003308.D (-943) (-)

Ion 69.00 (68.70 to 69.70): VY003308.D (-943) (-)

Ion 84.00 (83.70 to 84.70): VY003308.D (-943) (-)



#32

1,1,1-Trichloroethane

Concen: 49.607 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

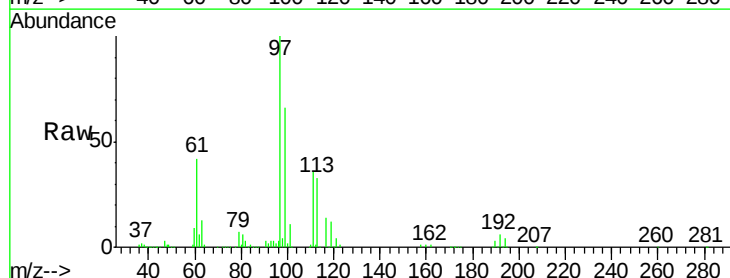
Tgt Ion: 97 Resp: 315801

Ion Ratio Lower Upper

97 100

99 64.7 52.1 78.1

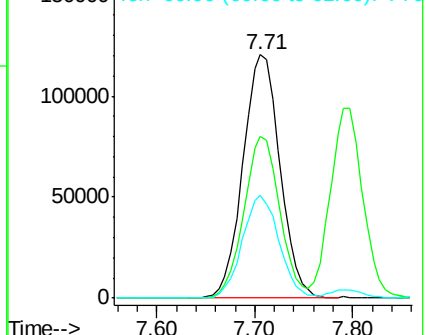
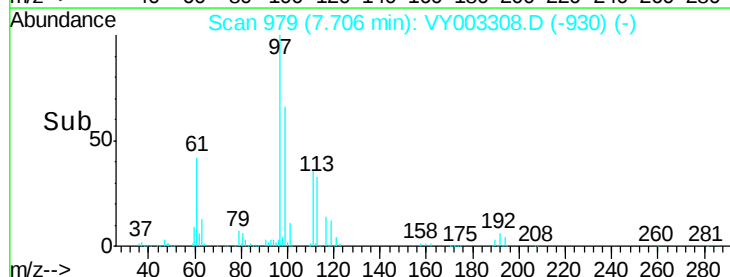
61 42.0 33.9 50.9

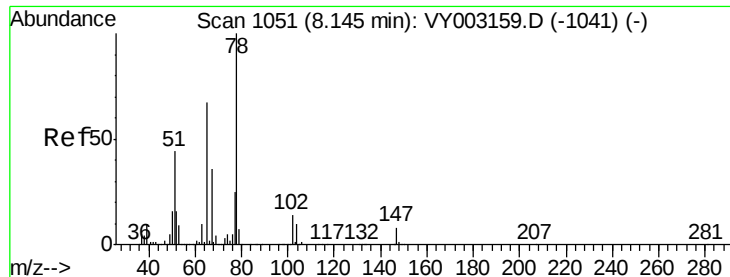


Abundance Ion 96.90 (96.60 to 97.60): VY003308.D (-930) (-)

Ion 98.90 (98.60 to 99.60): VY003308.D (-930) (-)

Ion 60.90 (60.60 to 61.60): VY003308.D (-930) (-)

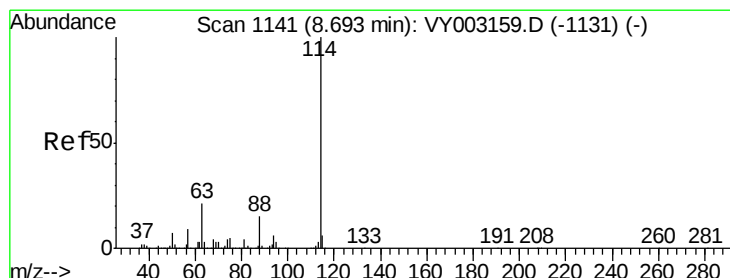
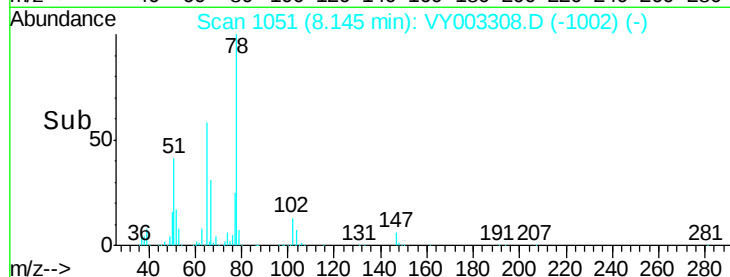
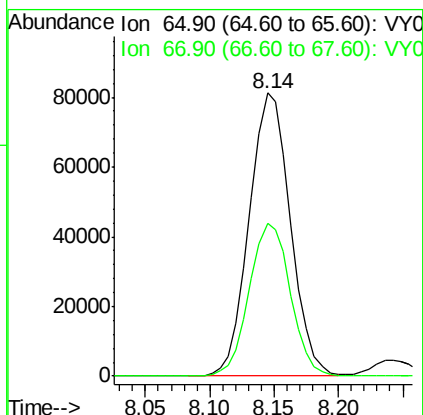
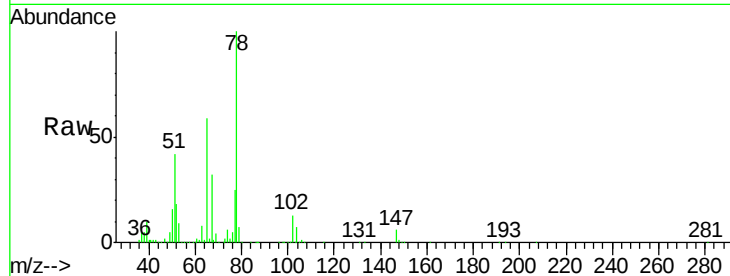




#33
 1,2-Dichloroethane-d4
 Concen: 49.168 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003308.D
 Acq: 23 Jul 2020 11:20

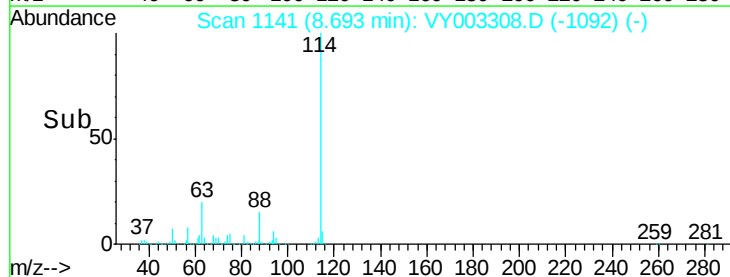
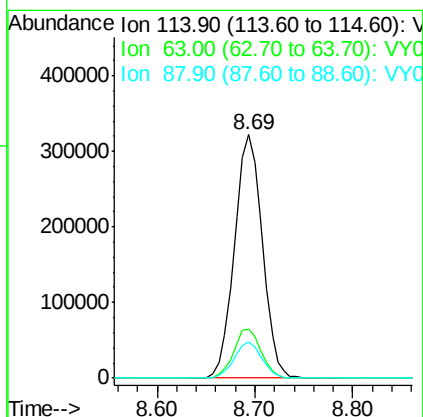
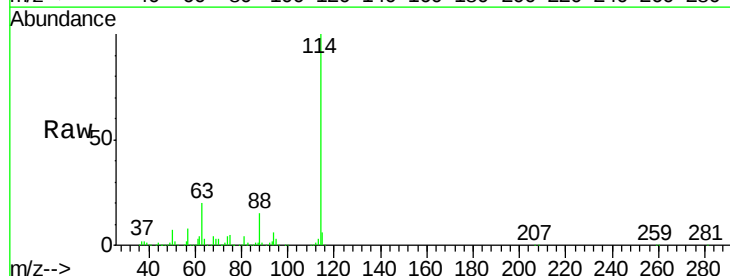
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

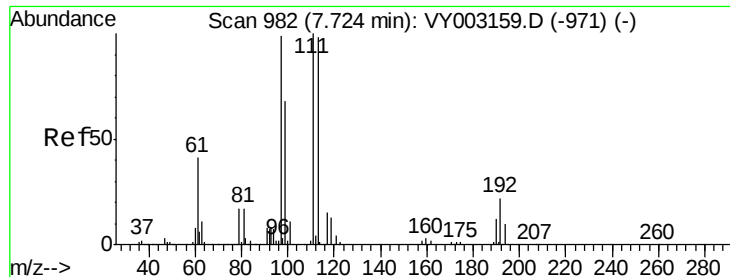
Tot Ion: 65 Resp: 179469
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003308.D
 Acq: 23 Jul 2020 11:20

Tgt Ion: 114 Resp: 637421
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.2
 88 14.7 0.0 30.2

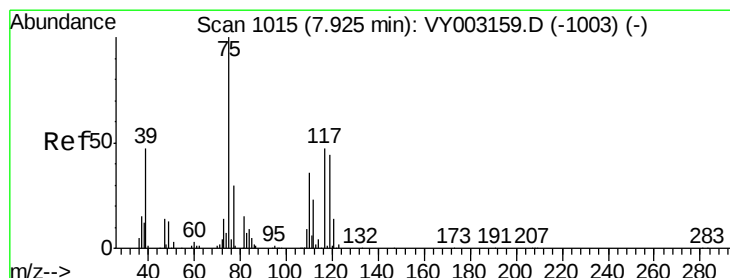
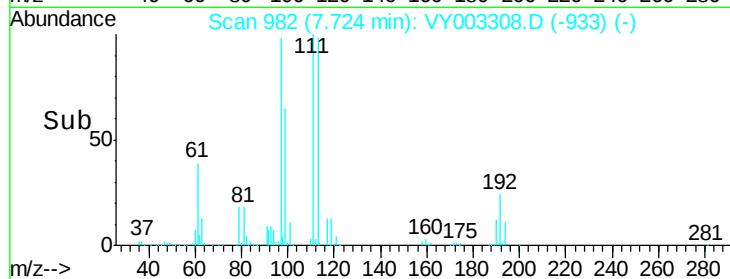
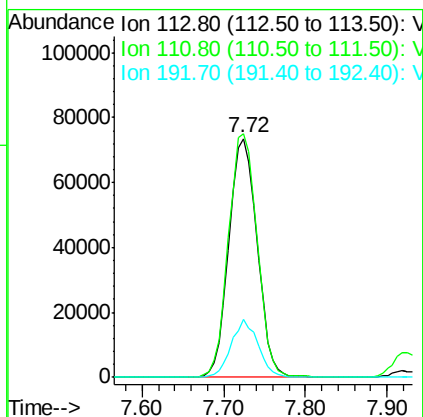
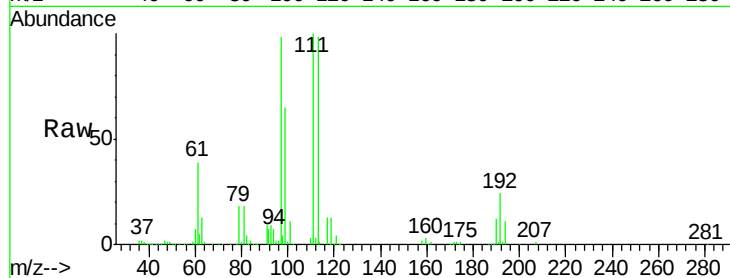




#35
Dibromofluoromethane
Concen: 48.064 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

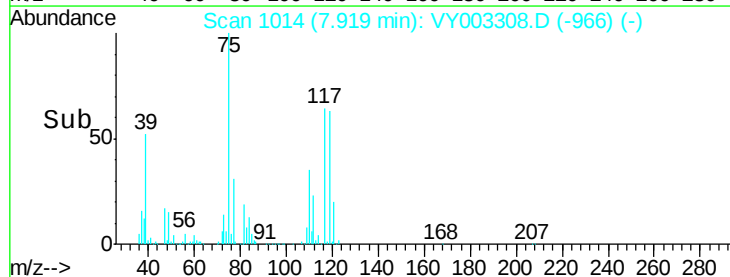
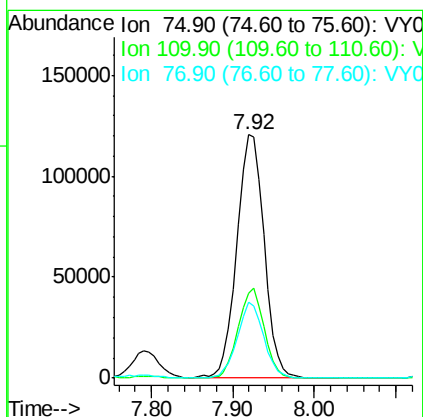
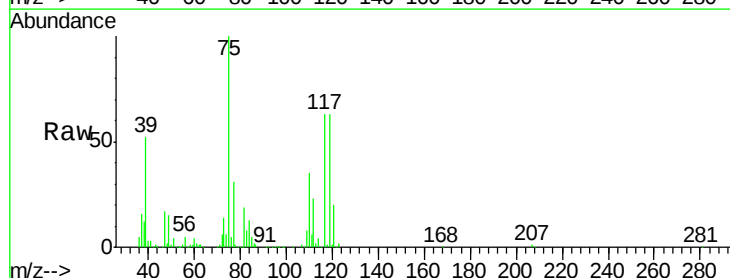
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

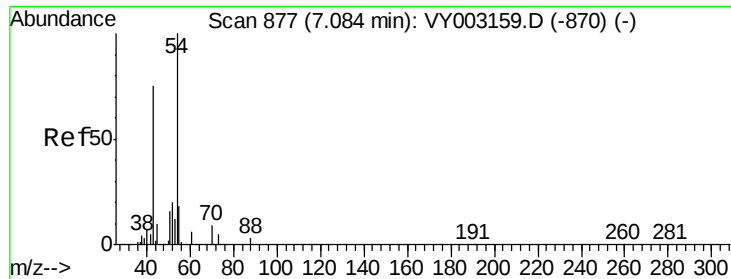
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.1	123.1
192	22.8	18.8	28.2



#36
1,1-Dichloropropene
Concen: 48.047 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	18.1	54.1
77	30.3	24.8	37.2

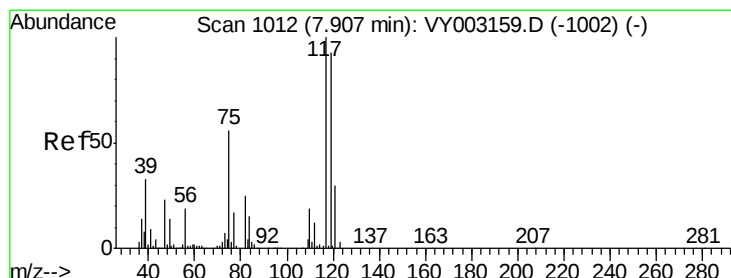
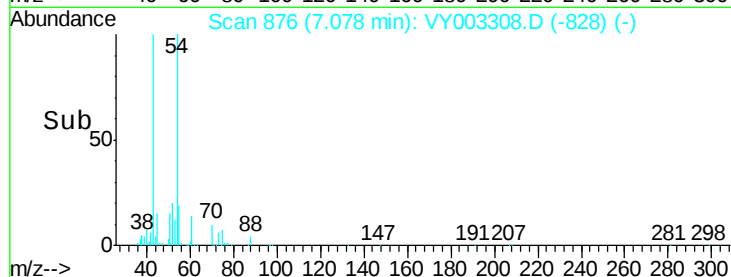
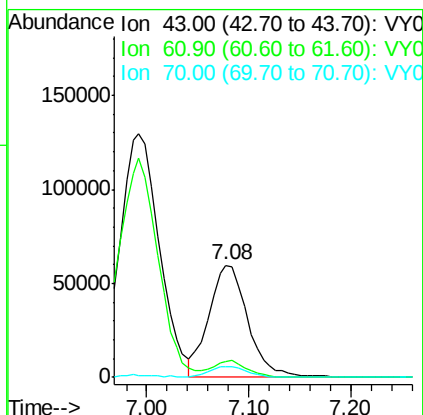
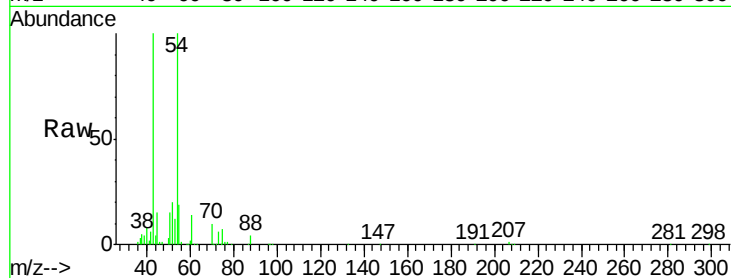




#37
Ethyl Acetate
Concen: 50.839 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

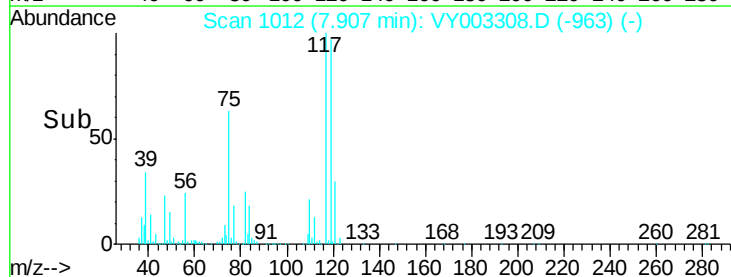
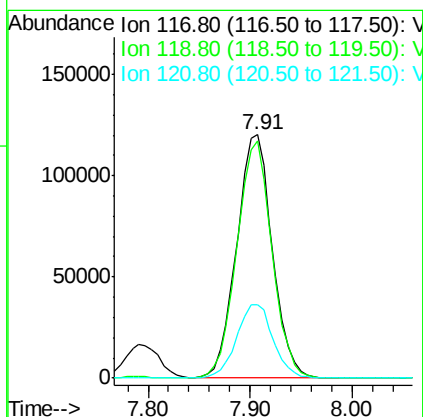
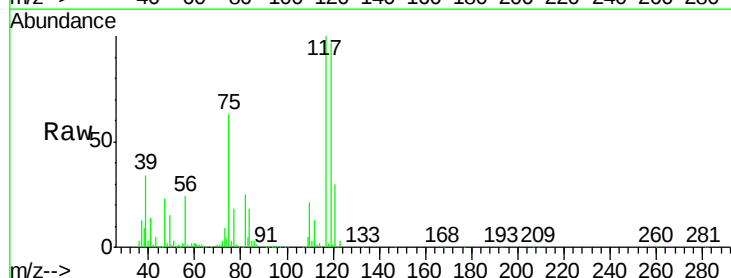
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

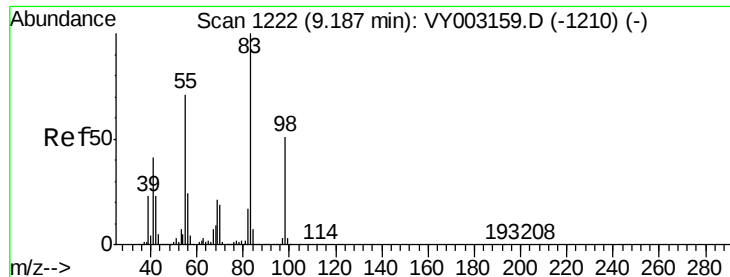
Tot Ion: 43 Resp: 158169
Ion Ratio Lower Upper
43 100
61 13.2 11.8 17.6
70 9.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 48.932 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Tgt Ion: 117 Resp: 291834
Ion Ratio Lower Upper
117 100
119 97.3 74.5 111.7
121 30.1 24.2 36.2

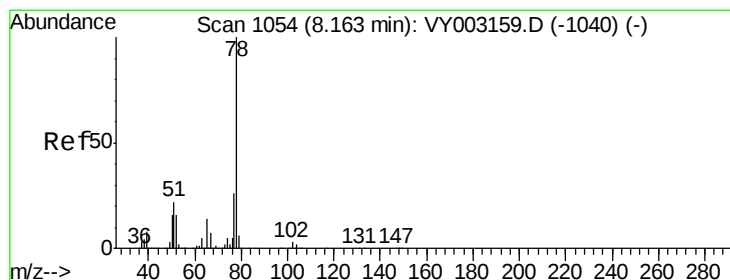
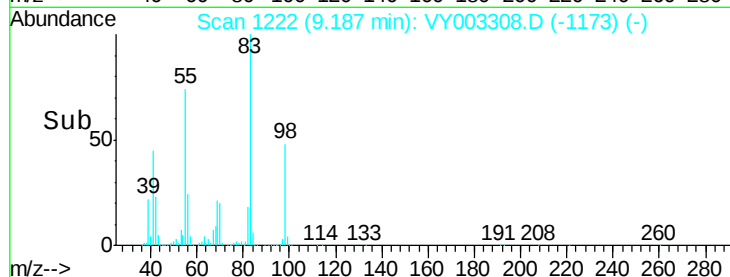
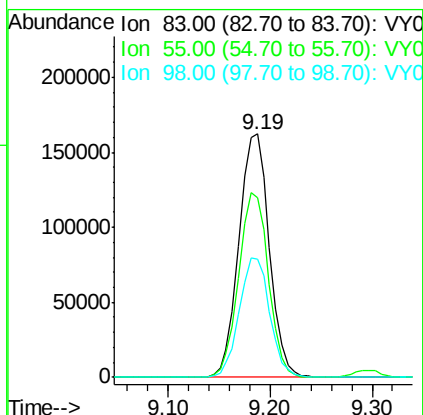
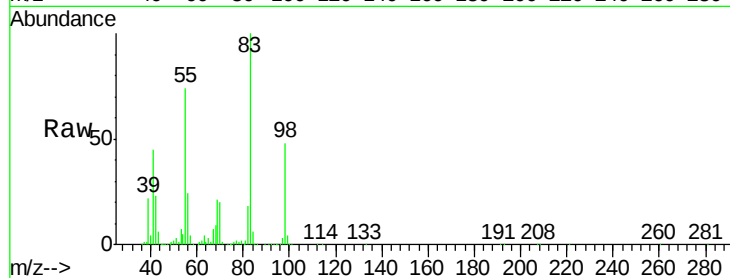




#39
Methylvlcyclohexane
Concen: 46.198 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

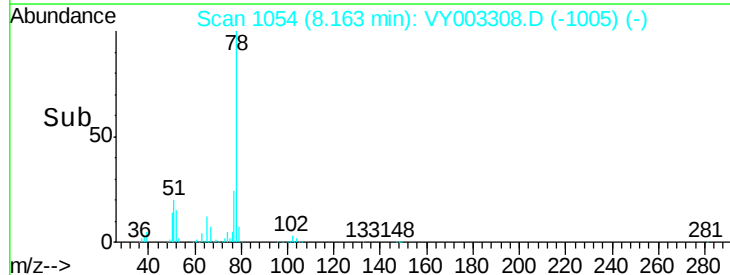
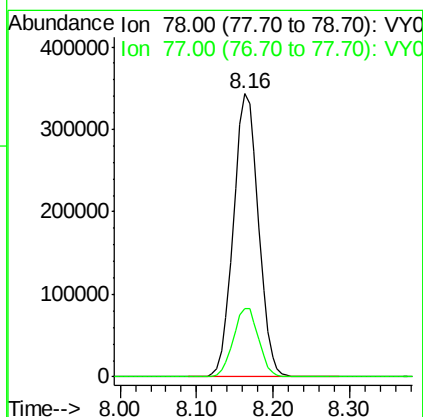
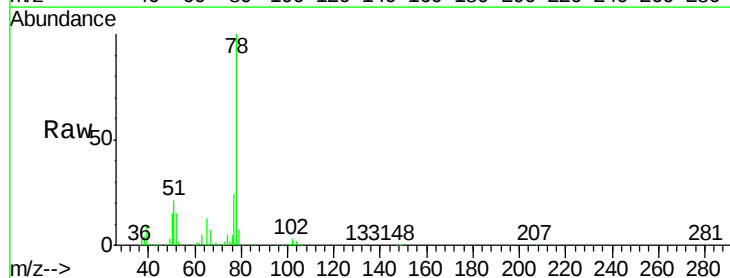
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

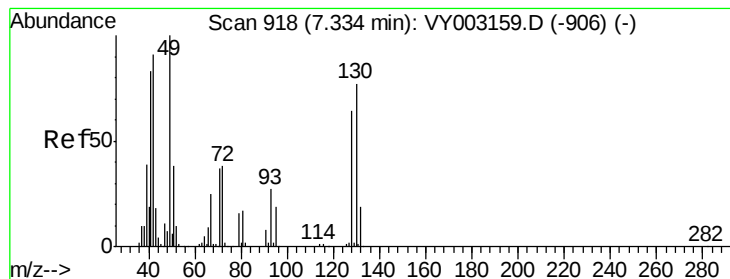
Tot Ion: 83 Resp: 335279
Ion Ratio Lower Upper
83 100
55 73.9 57.2 85.8
98 48.4 41.0 61.6



#40
Benzene
Concen: 48.740 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Tgt Ion: 78 Resp: 775322
Ion Ratio Lower Upper
78 100
77 24.0 20.7 31.1





#41

Methacrylonitrile

Concen: 115.002 ug/l

RT: 7.35 min Scan# 920

Delta R.T. 0.01 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 215486

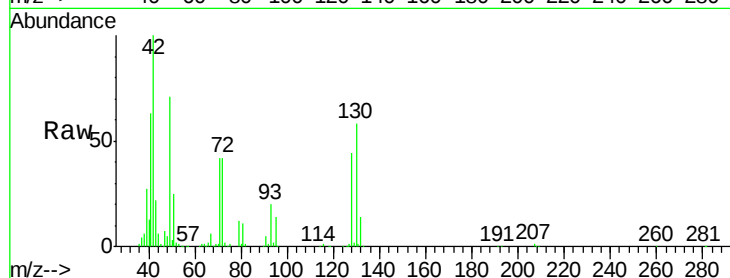
Ion Ratio Lower Upper

41 100

39 0.0 83.3 124.9#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

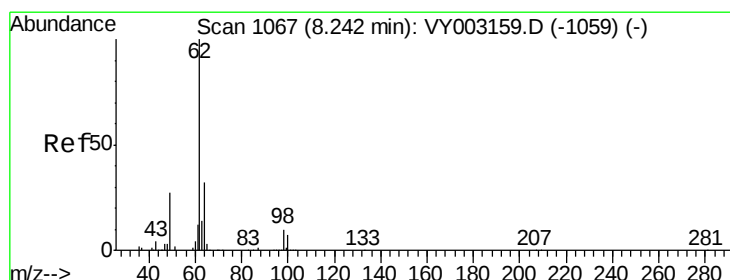
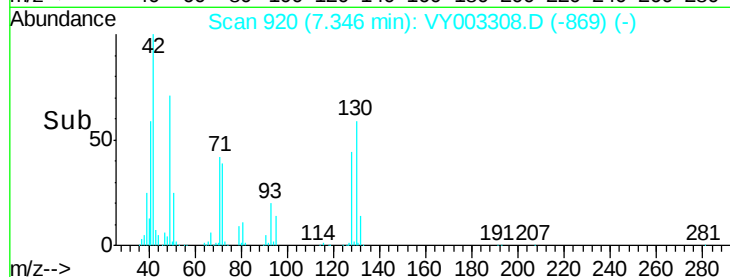
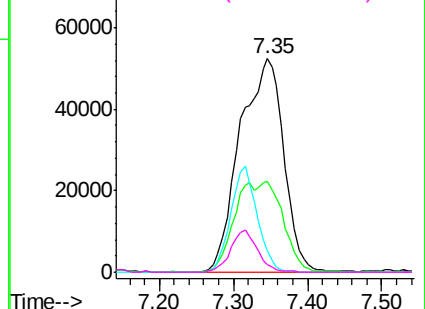


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 48.378 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY003308.D

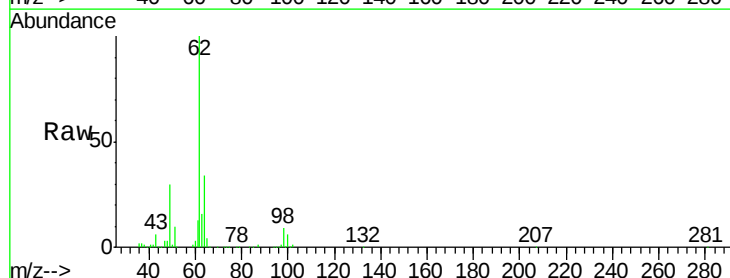
Acq: 23 Jul 2020 11:20

Tgt Ion: 62 Resp: 236916

Ion Ratio Lower Upper

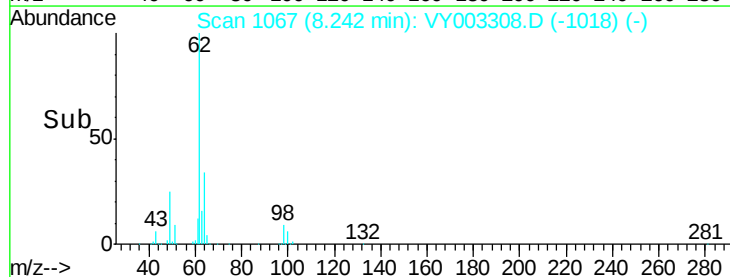
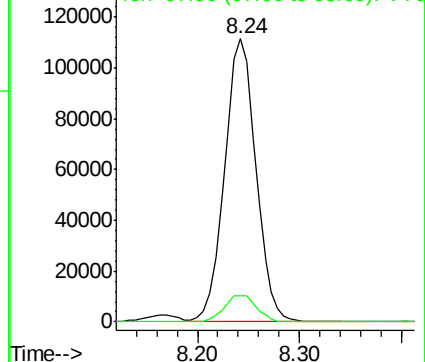
62 100

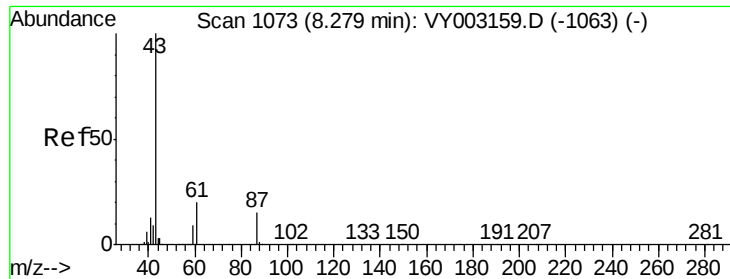
98 9.6 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



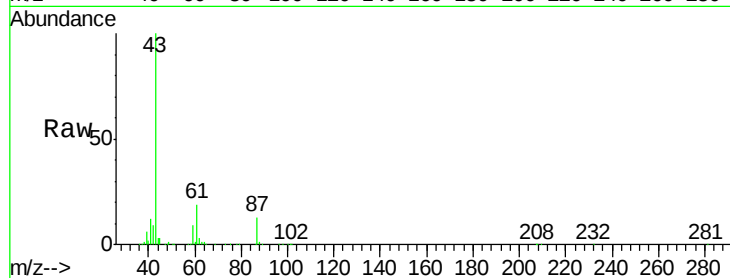


#43

Isopropyl Acetate
 Concen: 50.556 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY003308.D
 Acq: 23 Jul 2020 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

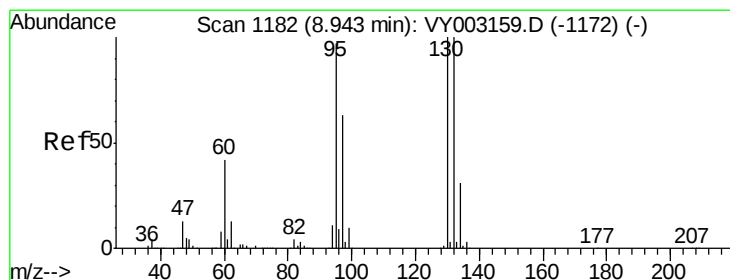
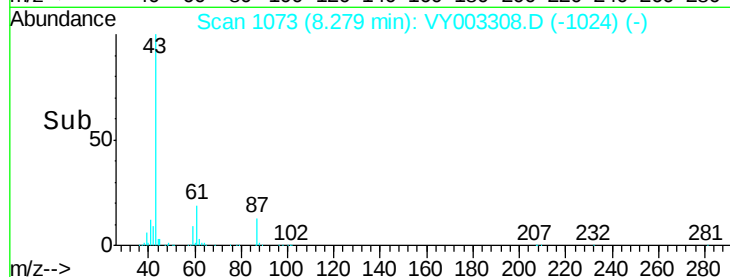
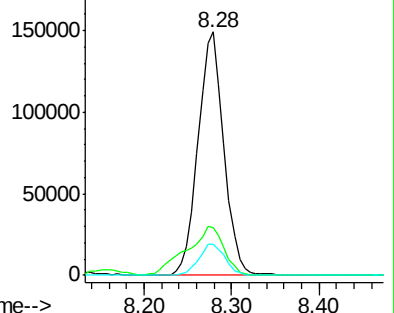
Tot Ion	43	Resp	304449
Ion Ratio	Lower	Upper	
43	100		
61	29.3	23.7	35.5
87	13.1	11.4	17.0



Abundance Ion 43.00 (42.70 to 43.70): VY003308.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY003308.D (-1063) (-)

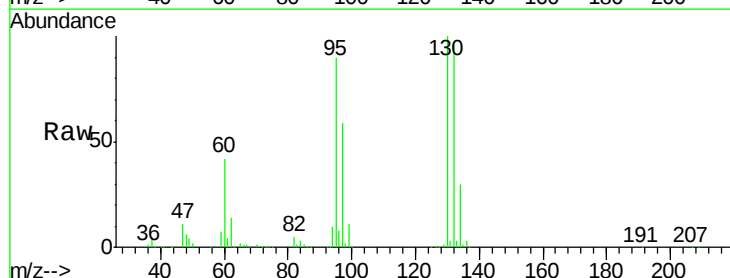
Ion 87.00 (86.70 to 87.70): VY003308.D (-1063) (-)



#44

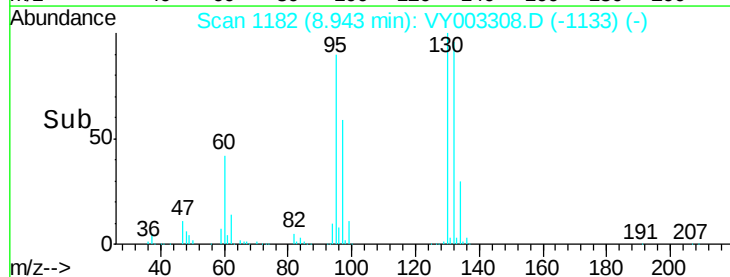
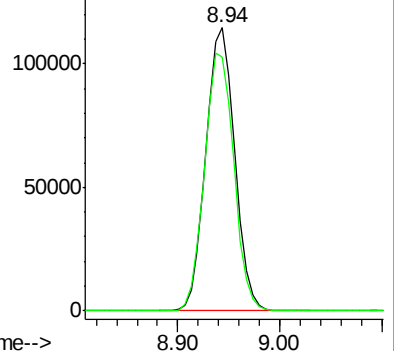
Trichloroethene
 Concen: 46.053 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY003308.D
 Acq: 23 Jul 2020 11:20

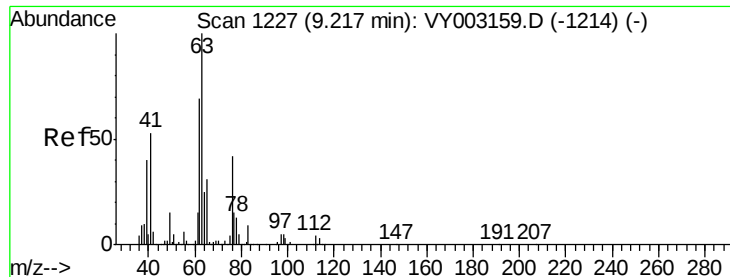
Tgt Ion	130	Resp	224576
Ion Ratio	Lower	Upper	
130	100		
95	89.8	0.0	193.8



Abundance Ion 129.80 (129.50 to 130.50): VY003308.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY003308.D (-1172) (-)





#45

1,2-Dichloropropane

Concen: 50.137 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

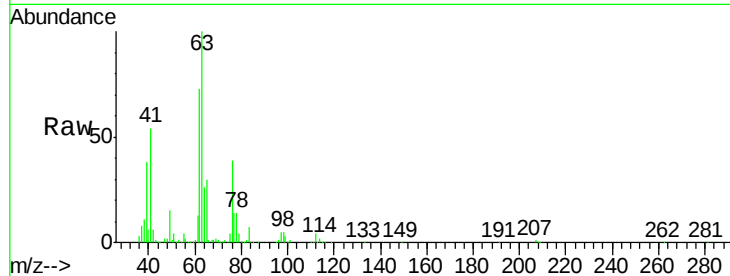
VSTDCCC050

Tot Ion: 63 Resp: 206368

Ion Ratio Lower Upper

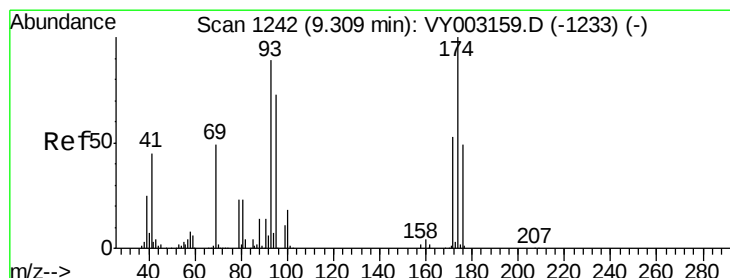
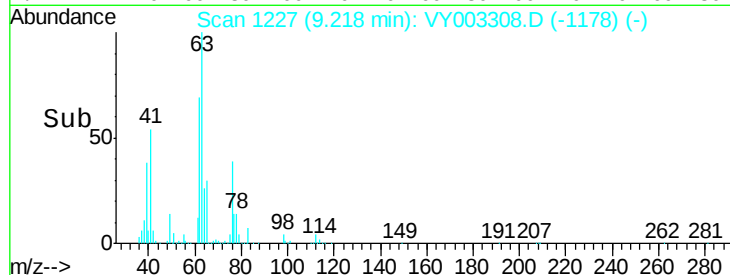
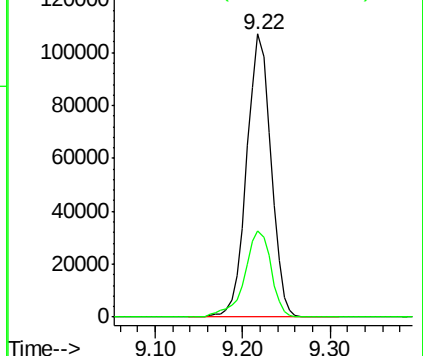
63 100

65 30.5 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 47.544 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

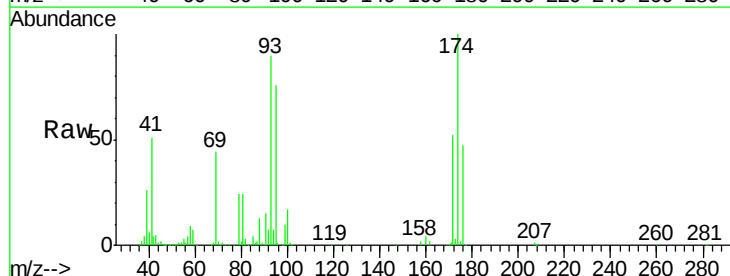
Tgt Ion: 93 Resp: 114297

Ion Ratio Lower Upper

93 100

95 83.7 66.6 99.8

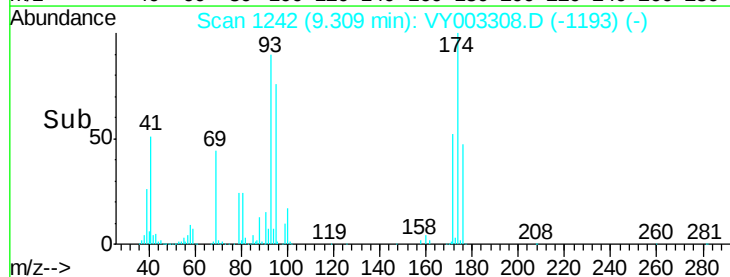
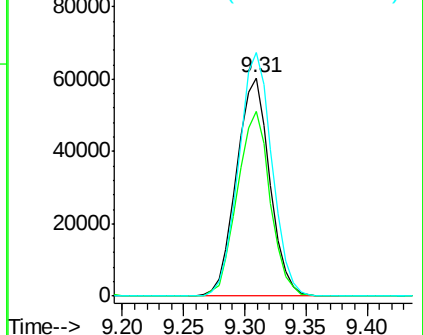
174 111.8 90.2 135.4

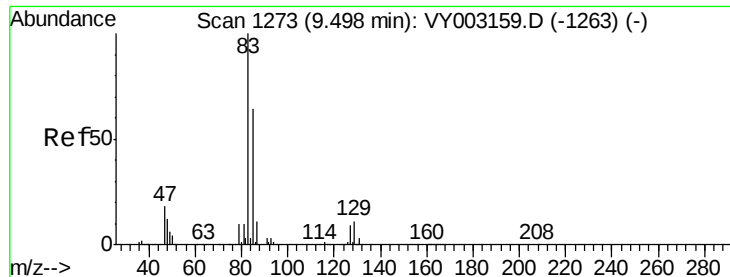


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.893 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

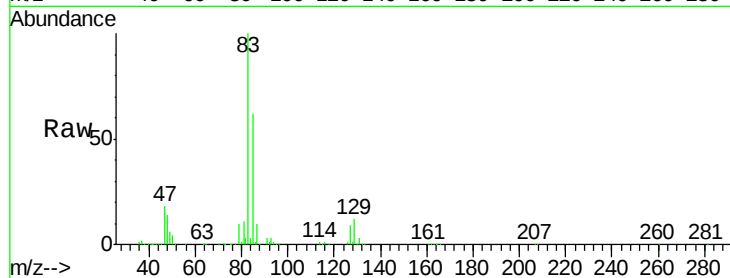
Tot Ion: 83 Resp: 285271

Ion Ratio Lower Upper

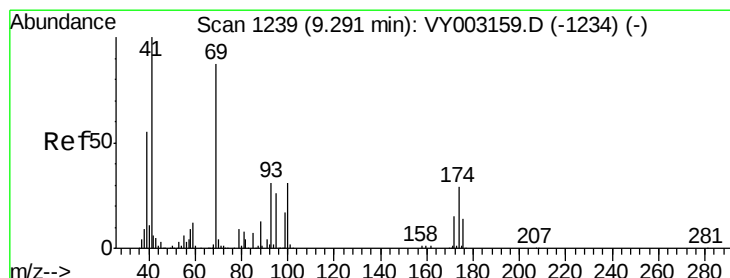
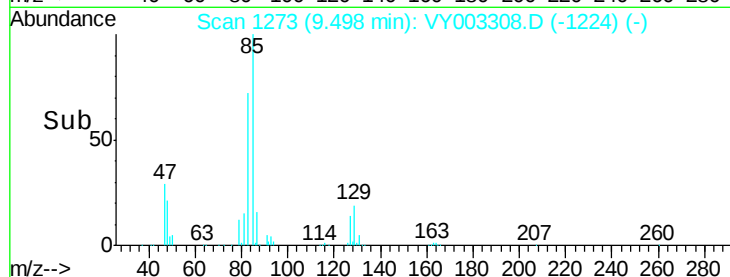
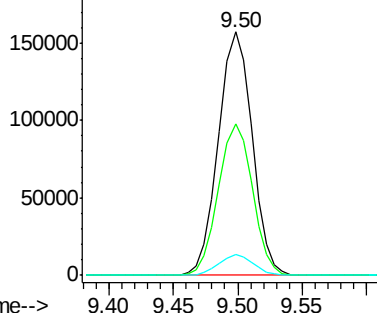
83 100

85 62.3 50.9 76.3

127 8.7 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.719 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

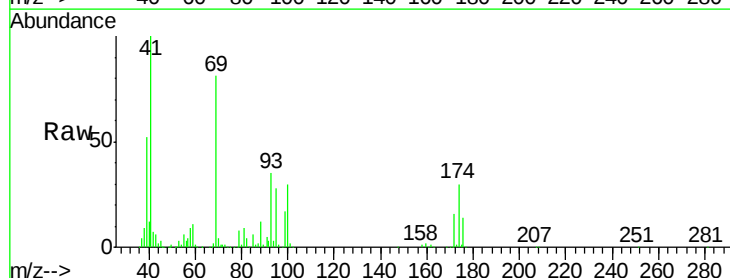
Tgt Ion: 41 Resp: 136546

Ion Ratio Lower Upper

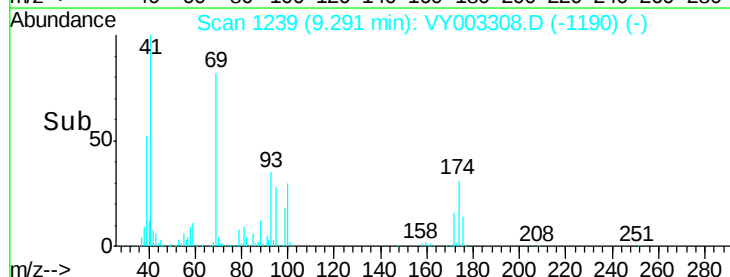
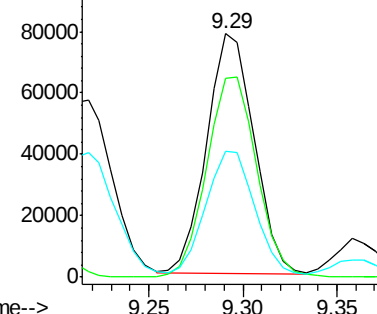
41 100

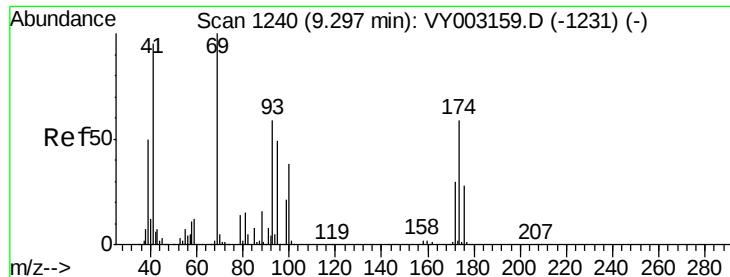
69 88.1 74.5 111.7

39 52.3 47.5 71.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 922.509 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

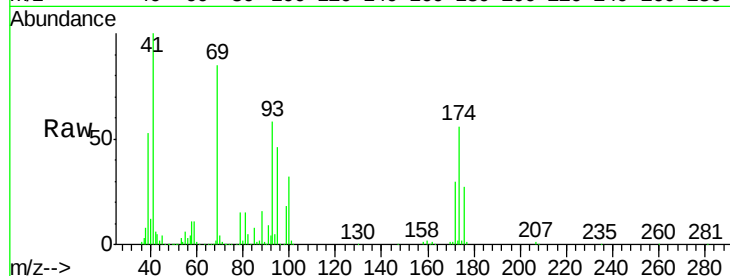
Tot Ion: 88 Resp: 28147

Ion Ratio Lower Upper

88 100

43 33.7 25.6 38.4

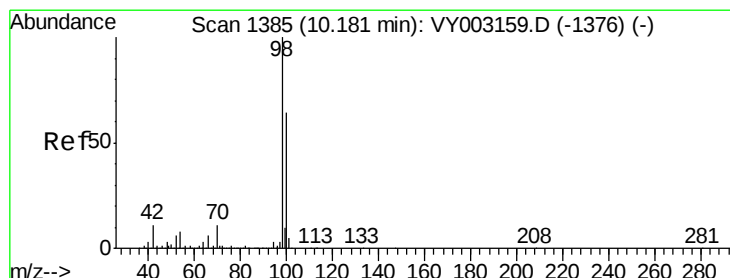
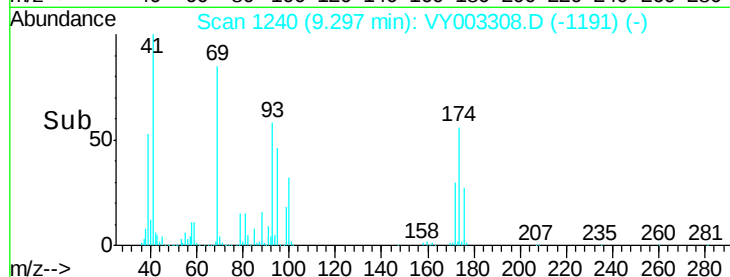
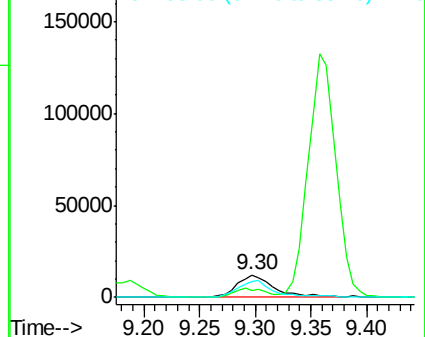
58 76.1 47.8 71.6#



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 47.223 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003308.D

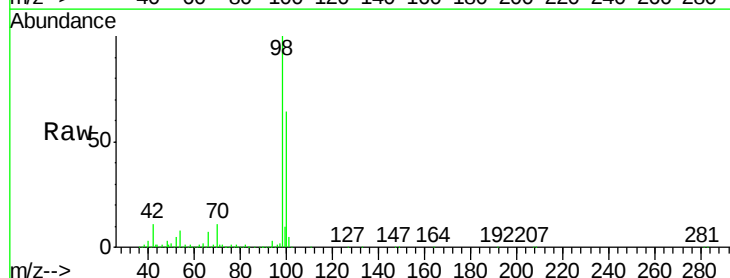
Acq: 23 Jul 2020 11:20

Tgt Ion: 98 Resp: 644022

Ion Ratio Lower Upper

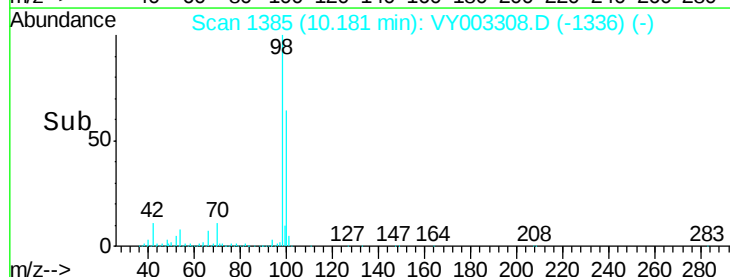
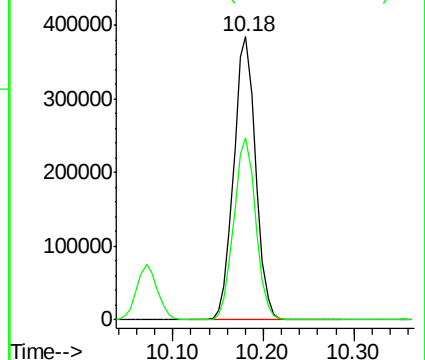
98 100

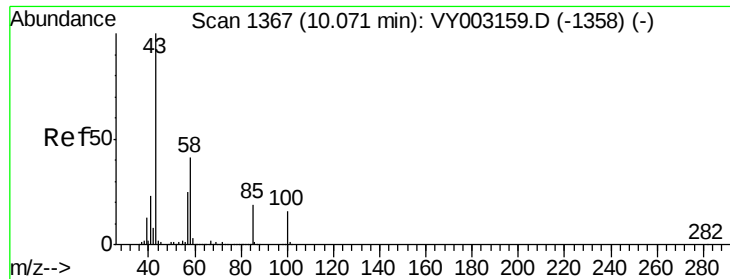
100 64.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

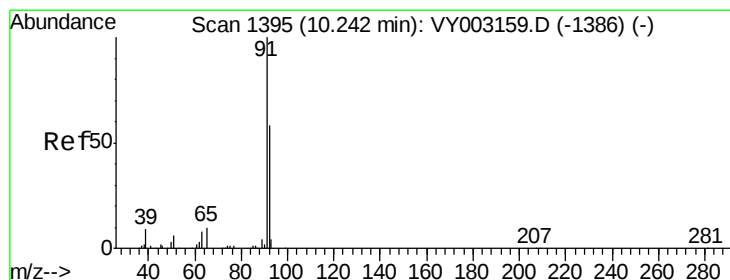
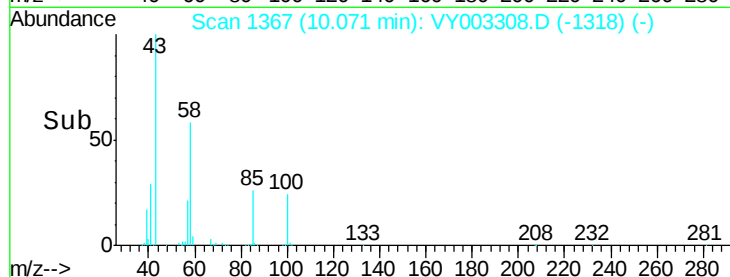
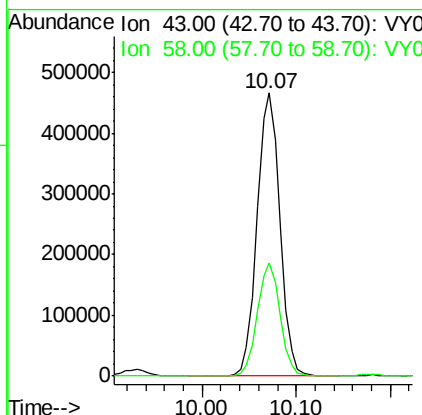
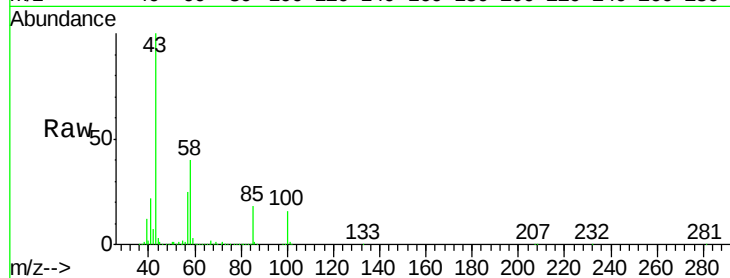




#51
4-Methyl-2-Pentanone
Concen: 252.883 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

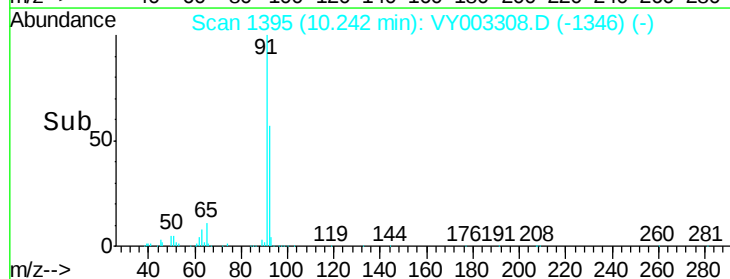
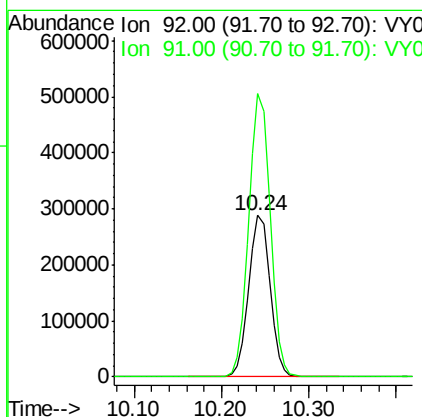
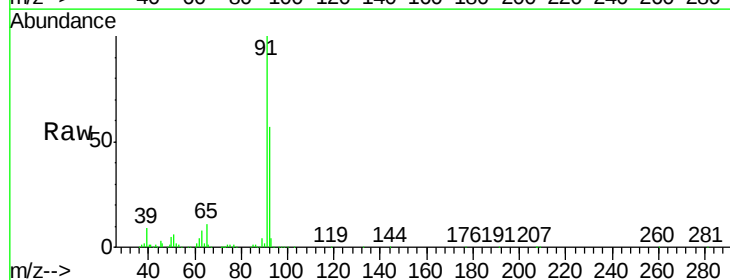
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 791547
Ion Ratio Lower Upper
43 100
58 39.6 32.7 49.1



#52
Toluene
Concen: 48.337 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Tgt Ion: 92 Resp: 491464
Ion Ratio Lower Upper
92 100
91 175.3 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 50.085 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

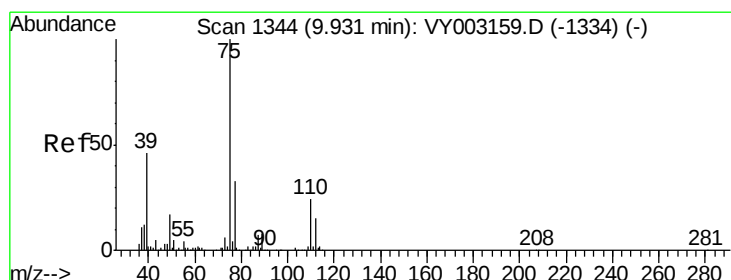
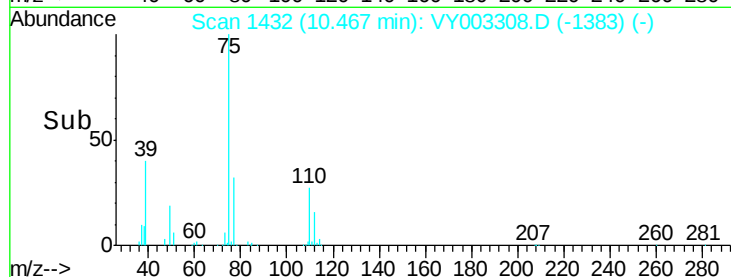
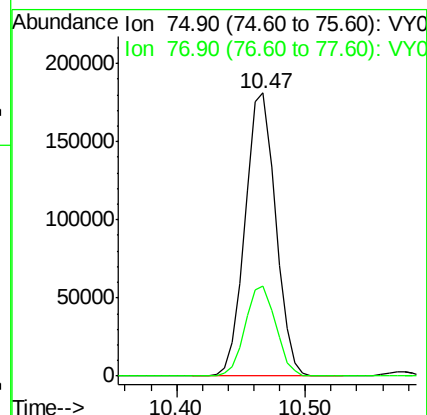
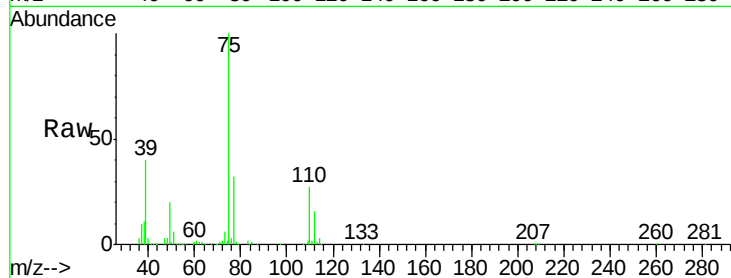
VSTDCCC050

Tot Ion: 75 Resp: 296702

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 49.195 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

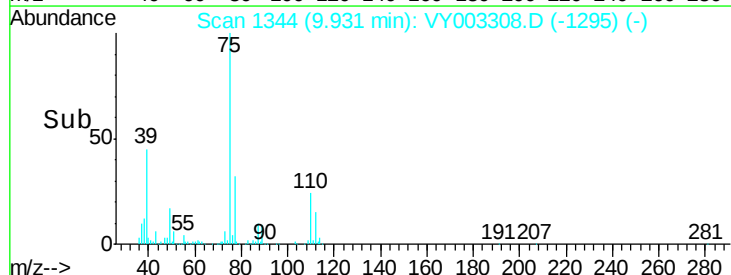
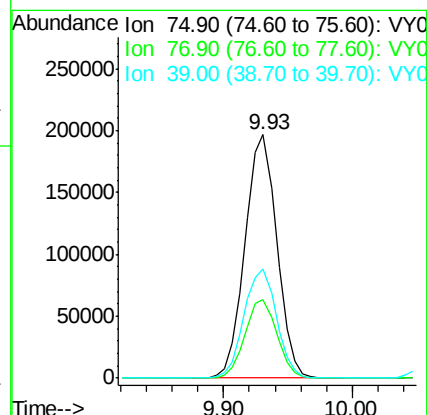
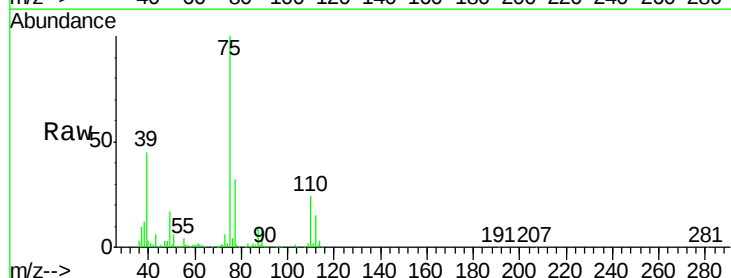
Tgt Ion: 75 Resp: 335784

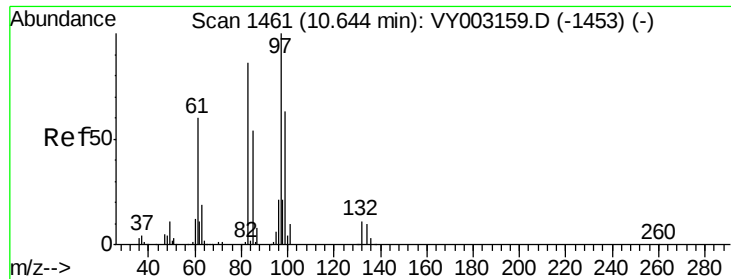
Ion Ratio Lower Upper

75 100

77 32.1 26.7 40.1

39 45.0 37.0 55.6





#55

1,1,2-Trichloroethane

Concen: 48.891 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 166553

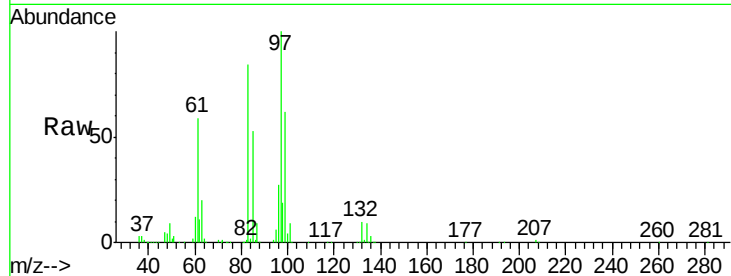
Ion Ratio Lower Upper

97 100

83 83.9 68.8 103.2

85 53.5 43.1 64.7

99 61.6 50.8 76.2

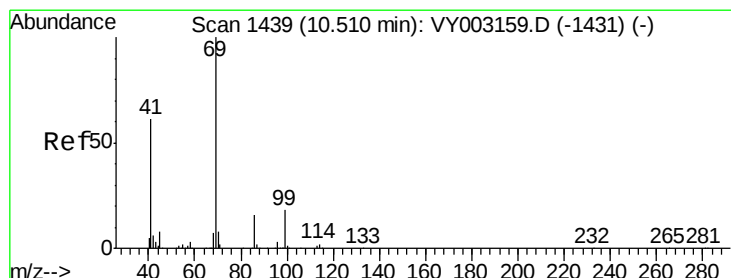
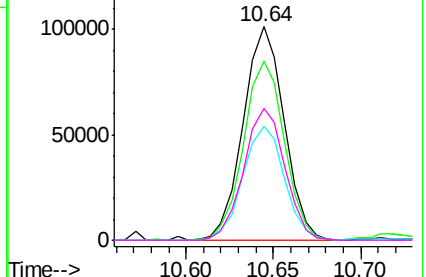
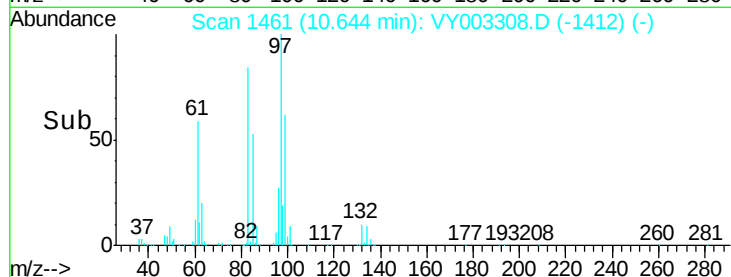


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 50.030 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

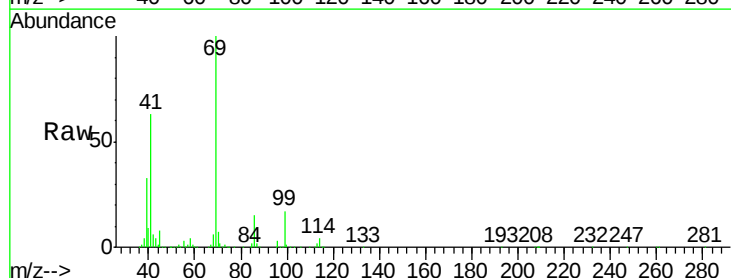
Tgt Ion: 69 Resp: 231711

Ion Ratio Lower Upper

69 100

41 64.9 50.0 75.0

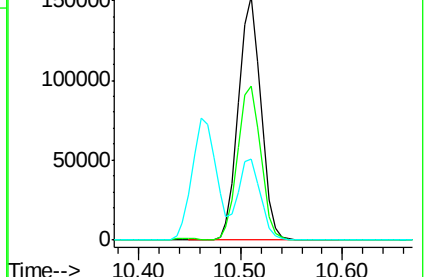
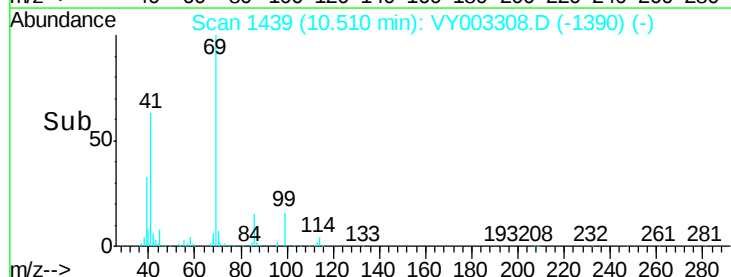
39 33.4 27.6 41.4

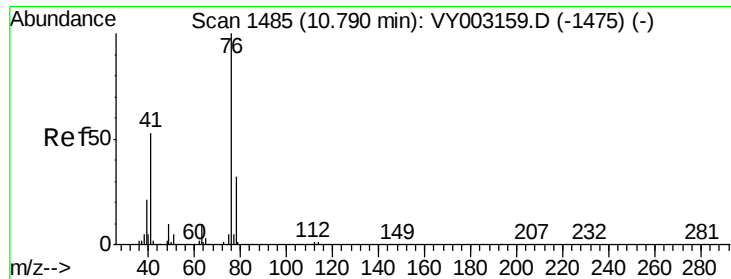


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

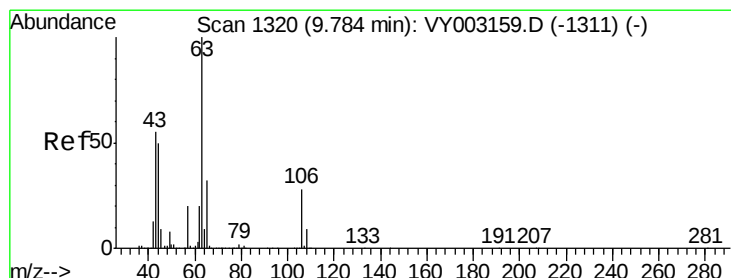
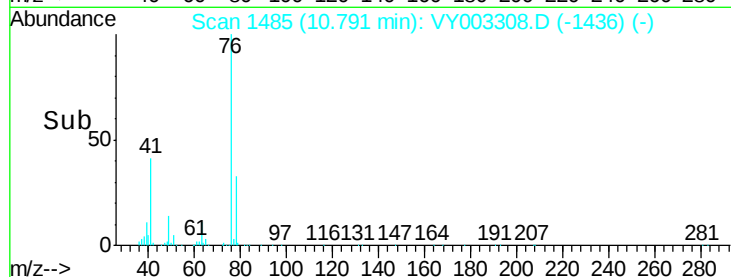
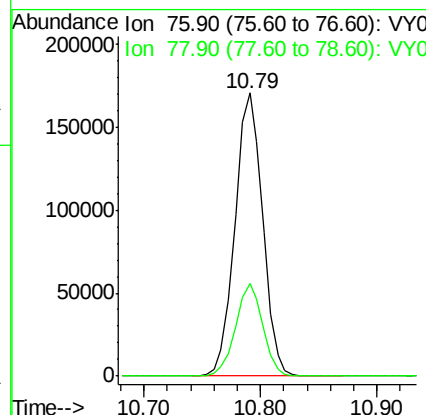
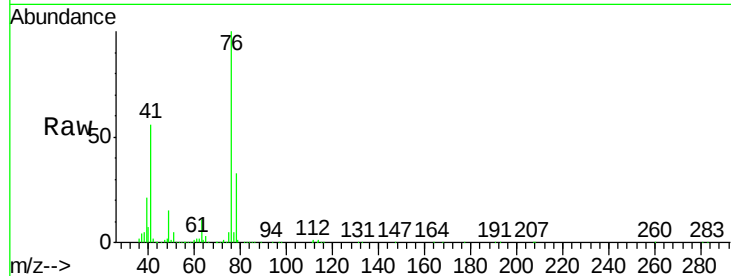




#57
 1,3-Dichloropropane
 Concen: 48.684 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003308.D
 Acq: 23 Jul 2020 11:20

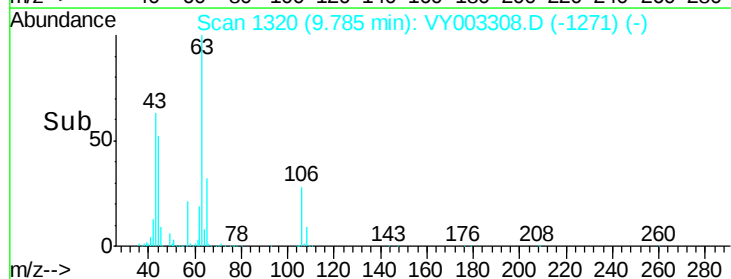
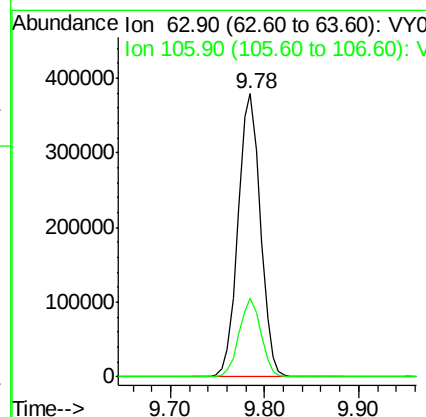
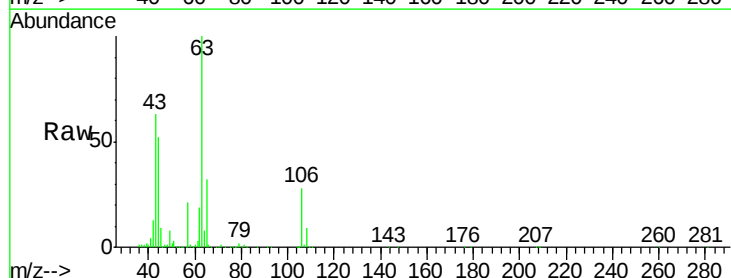
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

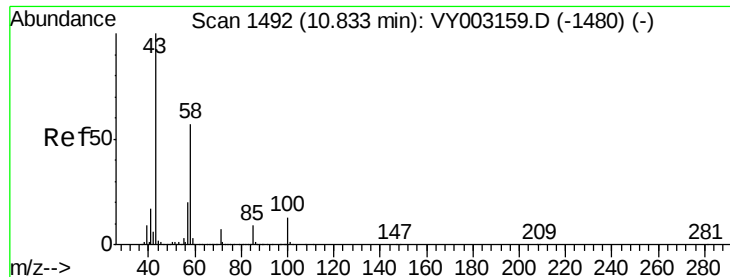
Tot Ion: 76 Resp: 281208
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.200 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003308.D
 Acq: 23 Jul 2020 11:20

Tgt Ion: 63 Resp: 624049
 Ion Ratio Lower Upper
 63 100
 106 27.1 22.9 34.3

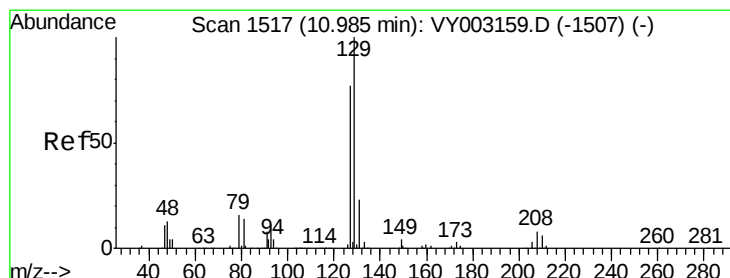
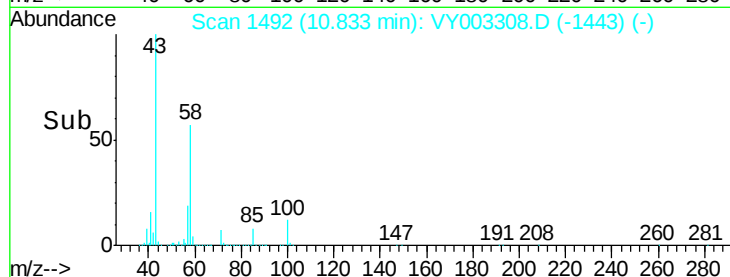
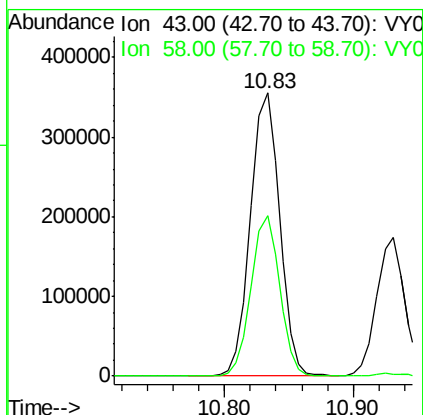
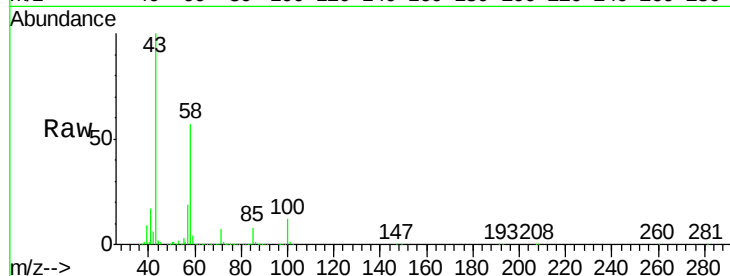




#59
2-Hexanone
Concen: 254.317 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

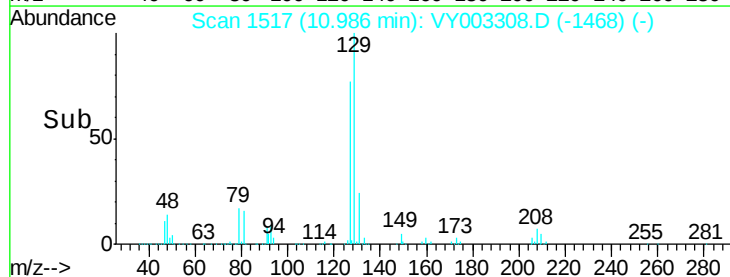
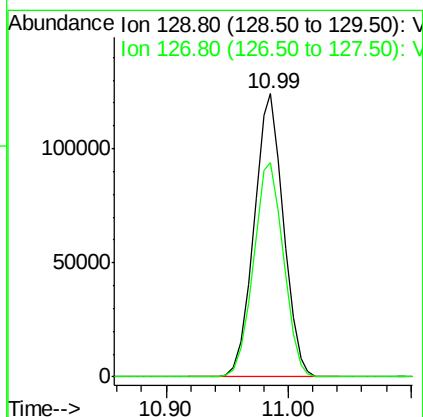
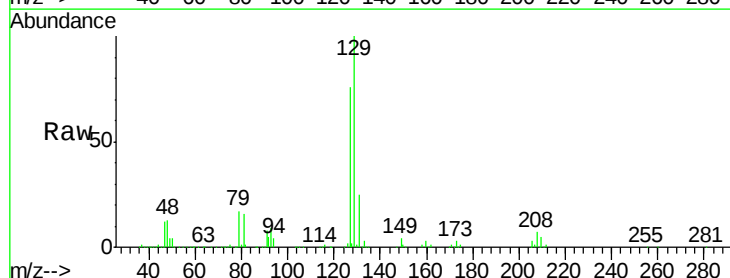
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

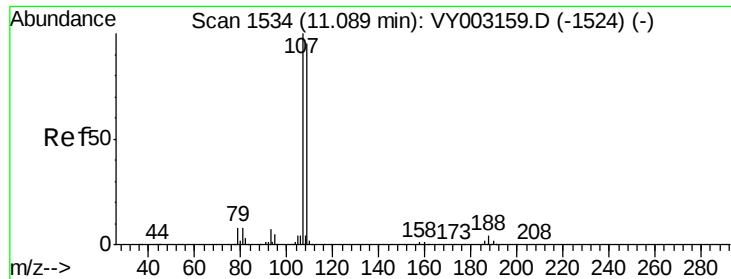
Tot Ion: 43 Resp: 555692
Ion Ratio Lower Upper
43 100
58 55.7 28.3 85.0



#60
Dibromochloromethane
Concen: 48.470 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Tgt Ion: 129 Resp: 207679
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

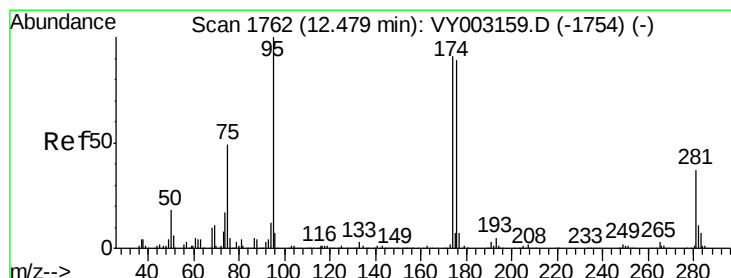
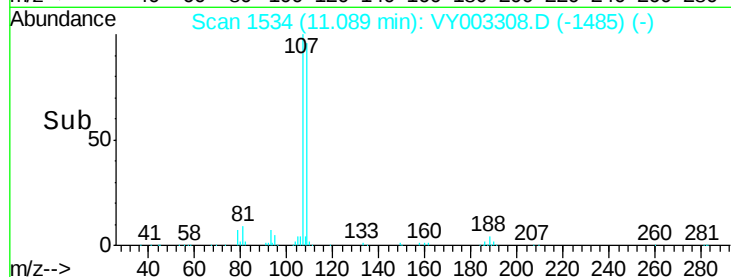
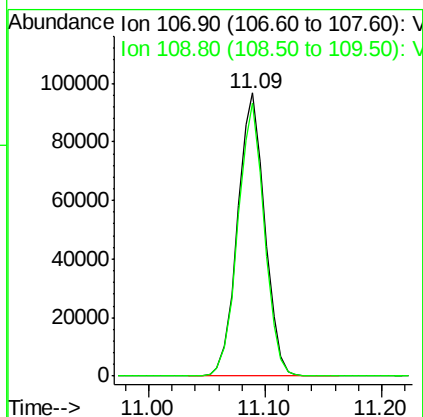
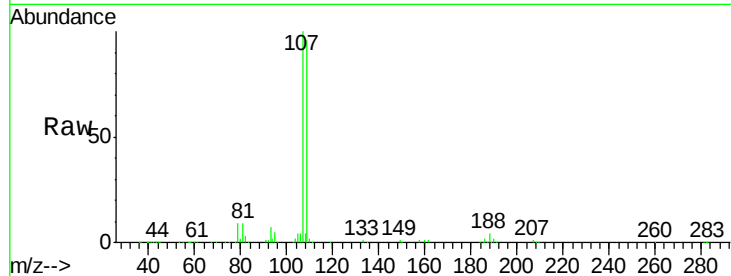




#61
 1,2-Dibromoethane
 Concen: 46.701 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003308.D
 Acq: 23 Jul 2020 11:20

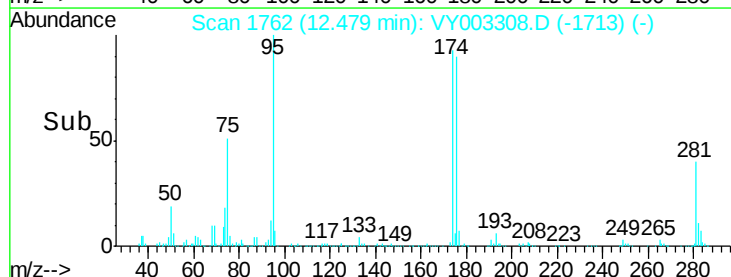
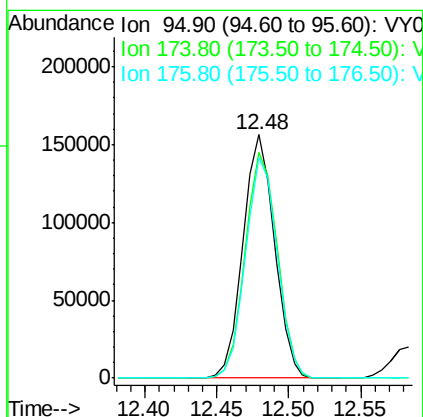
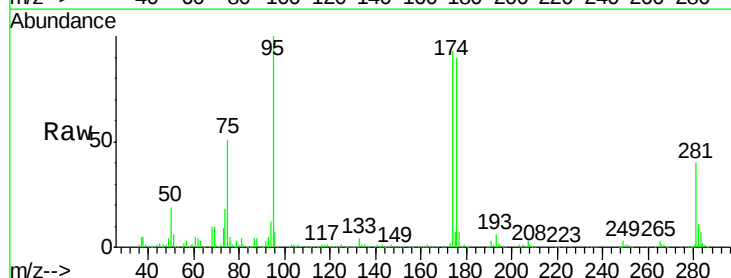
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDCCC050

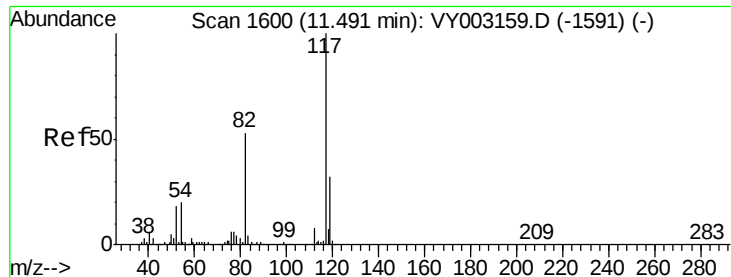
Tot Ion: 107 Resp: 157020
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.006 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003308.D
 Acq: 23 Jul 2020 11:20

Tgt Ion: 95 Resp: 236515
 Ion Ratio Lower Upper
 95 100
 174 94.5 0.0 190.6
 176 91.1 0.0 186.4

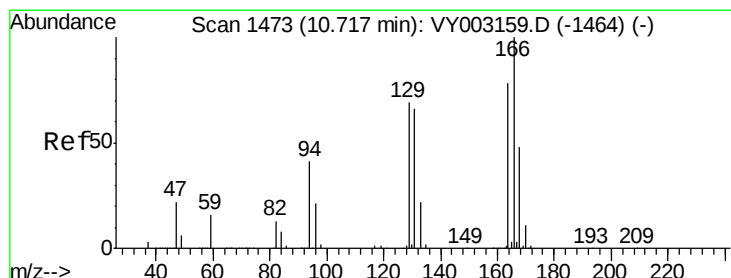
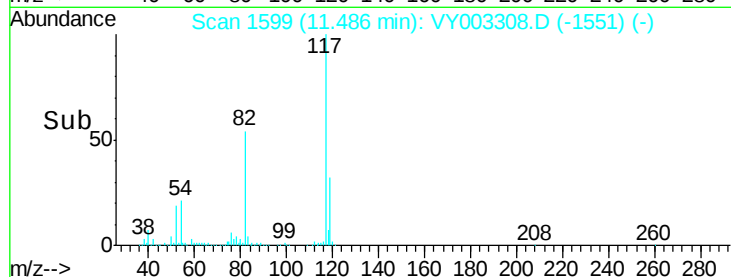
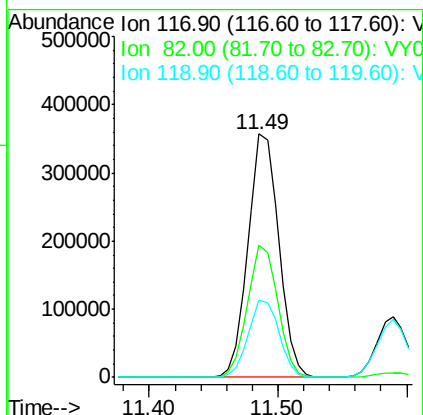
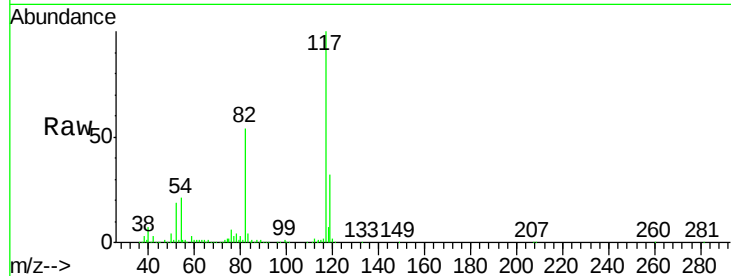




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

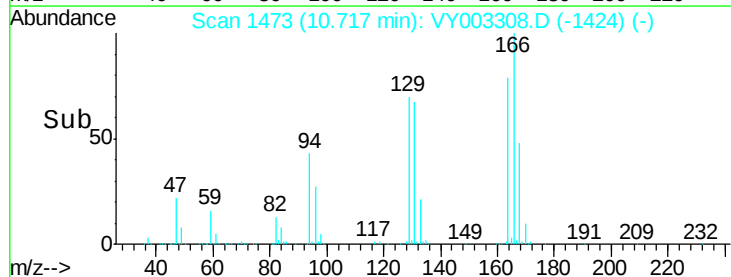
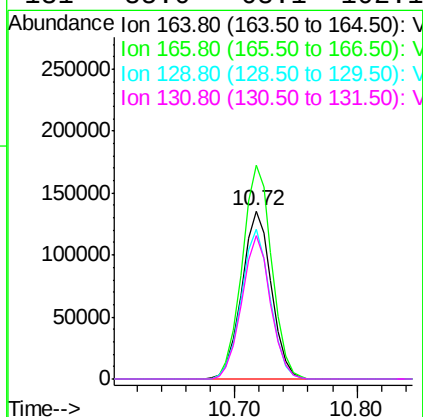
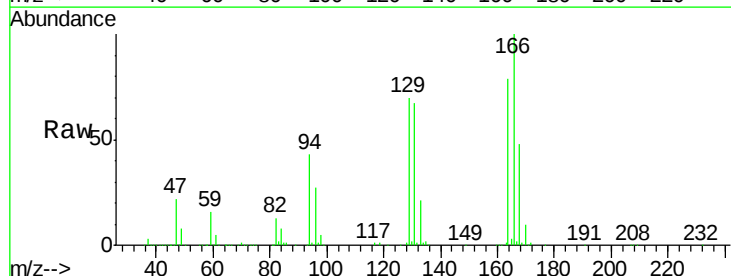
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

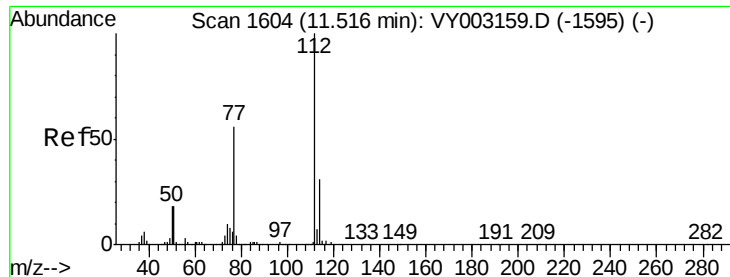
Tot Ion:117 Resp: 586711
Ion Ratio Lower Upper
117 100
82 54.1 42.0 63.0
119 31.5 25.5 38.3



#64
Tetrachloroethene
Concen: 43.266 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Tgt Ion:164 Resp: 226339
Ion Ratio Lower Upper
164 100
166 126.9 102.9 154.3
129 89.1 71.4 107.2
131 85.0 68.1 102.1

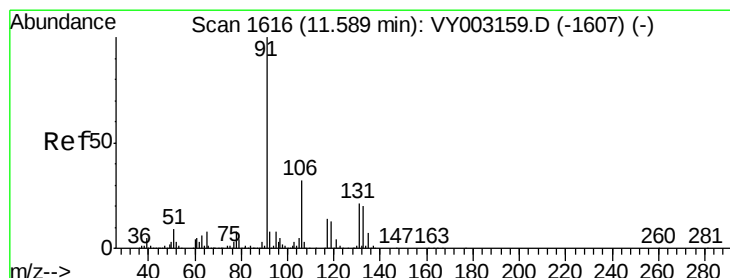
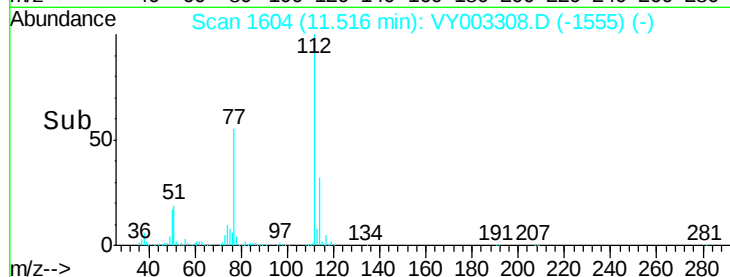
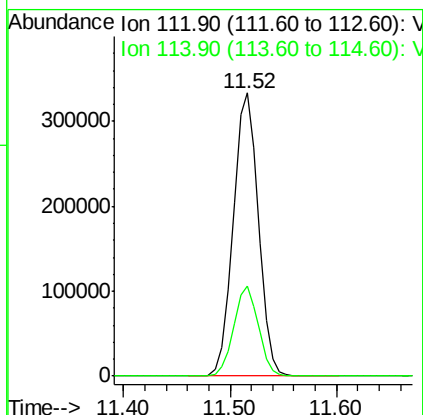
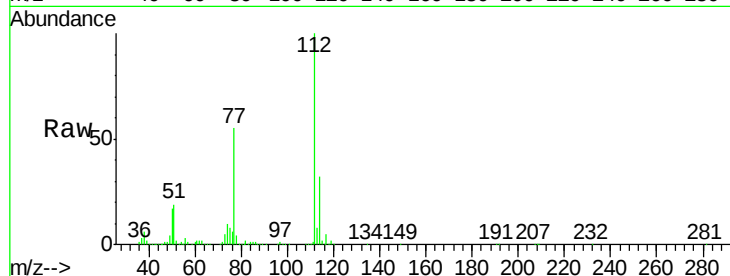




#65
Chlorobenzene
Concen: 48.854 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

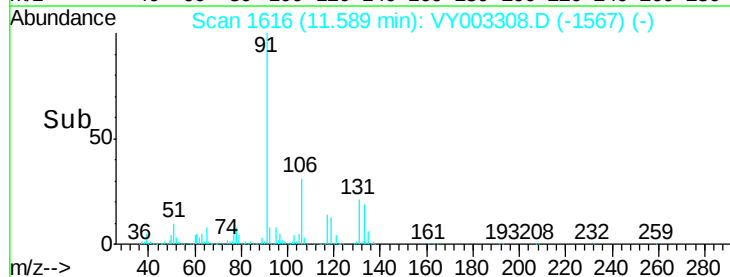
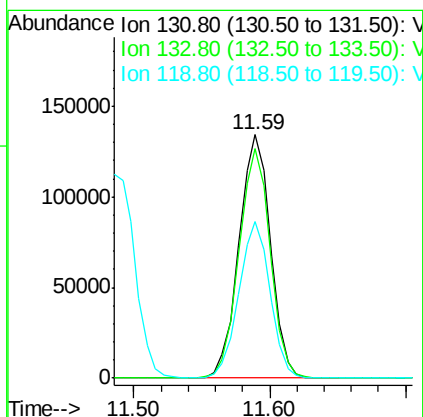
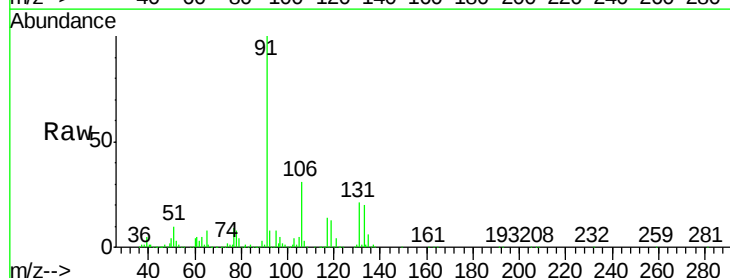
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

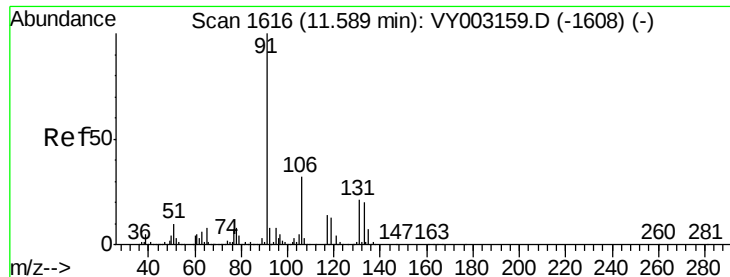
Tot Ion:112 Resp: 552181
Ion Ratio Lower Upper
112 100
114 32.0 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.450 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Tgt Ion:131 Resp: 217079
Ion Ratio Lower Upper
131 100
133 93.8 48.0 144.0
119 63.6 32.4 97.0

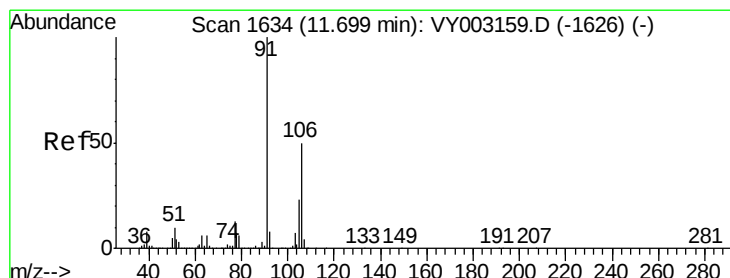
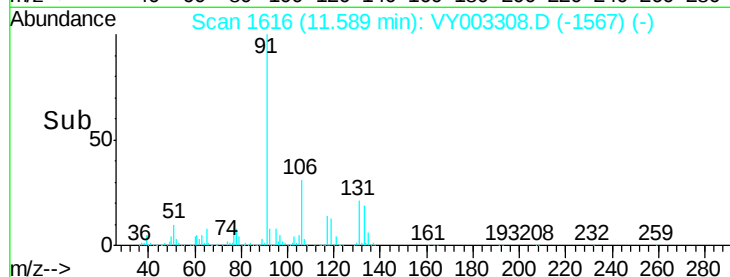
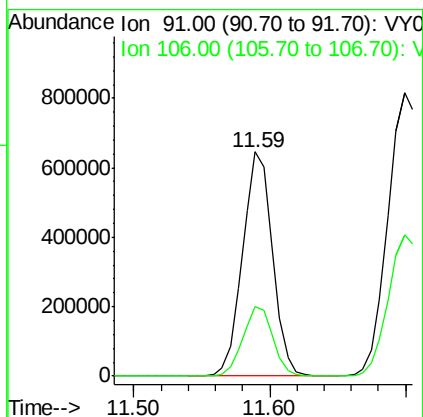
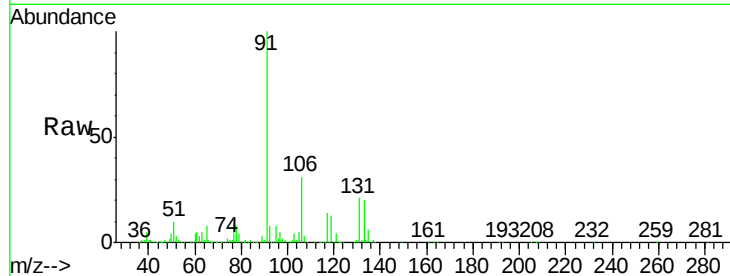




#67
Ethyl Benzene
Concen: 49.211 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

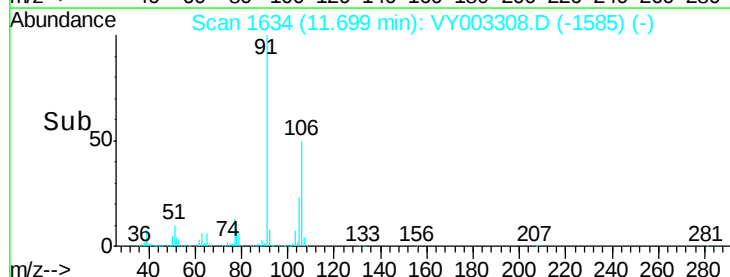
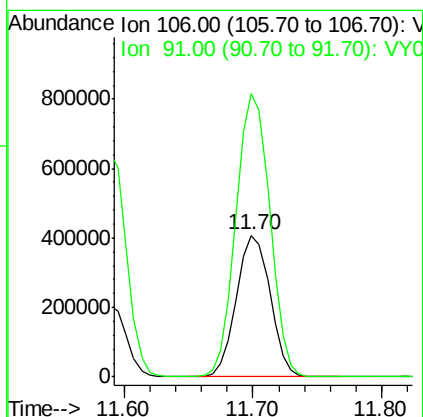
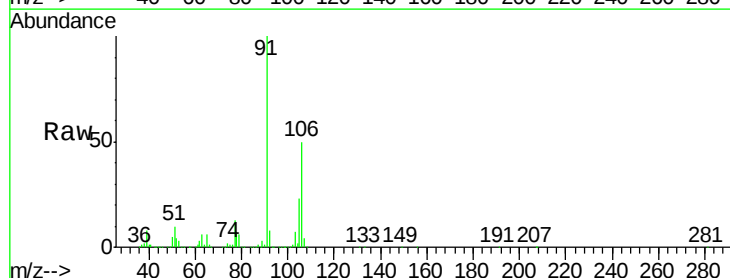
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

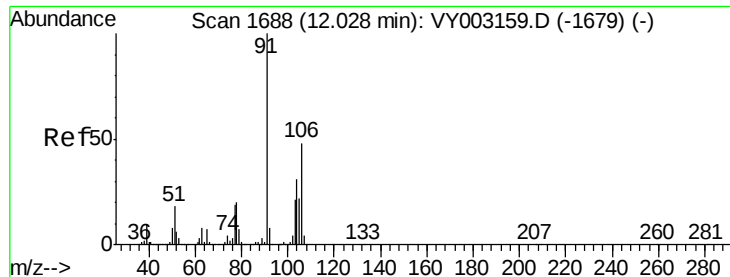
Tot Ion: 91 Resp: 993117
Ion Ratio Lower Upper
91 100
106 31.0 25.5 38.3



#68
m/p-Xylenes
Concen: 96.938 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Tgt Ion: 106 Resp: 742273
Ion Ratio Lower Upper
106 100
91 201.0 159.0 238.6

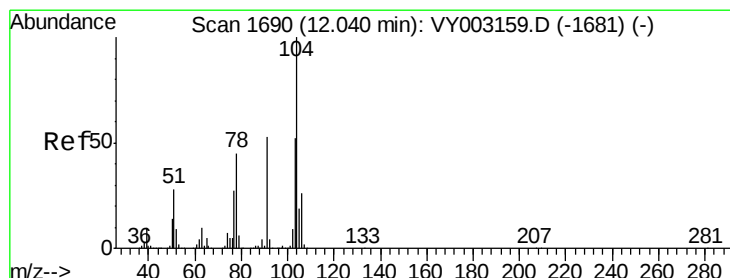
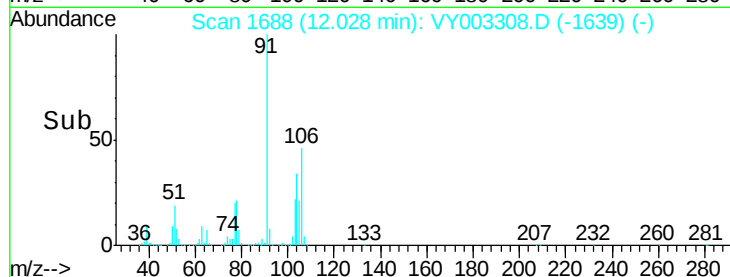
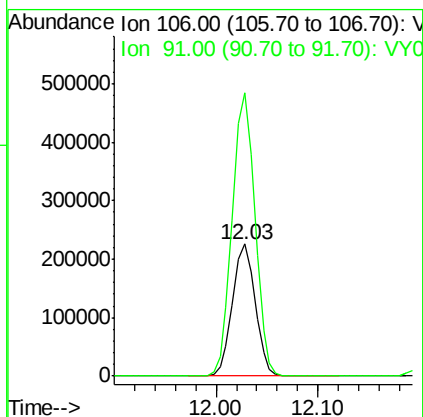
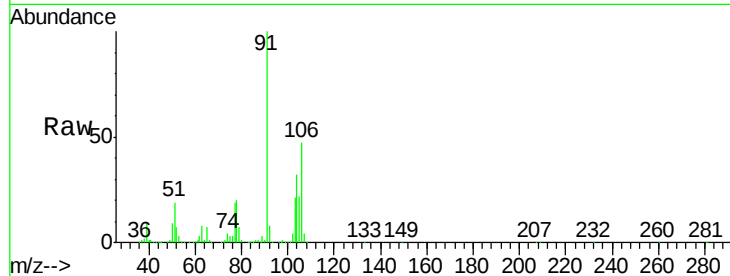




#69
o-Xylene
Concen: 48.685 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

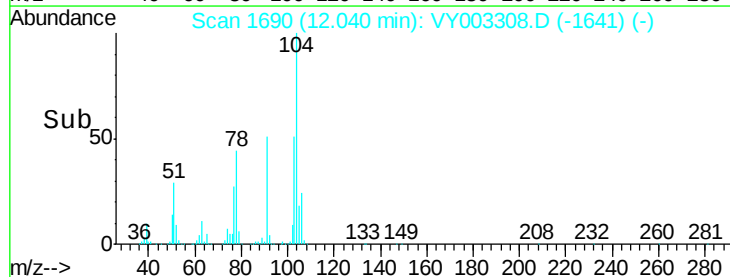
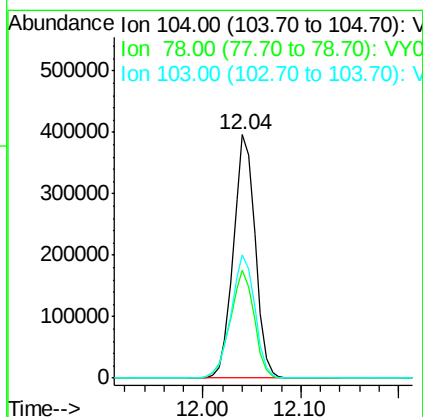
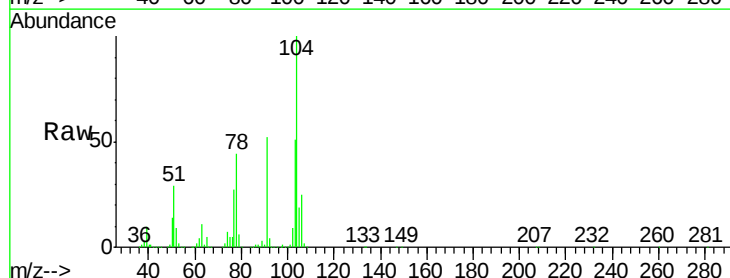
Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

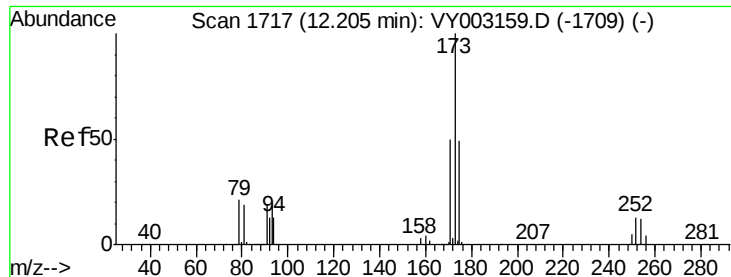
Tot Ion:106 Resp: 348267
Ion Ratio Lower Upper
106 100
91 213.6 105.1 315.1



#70
Styrene
Concen: 50.140 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Tgt Ion:104 Resp: 613579
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 55.1 43.9 65.9





#71

Bromoform

Concen: 48.628 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

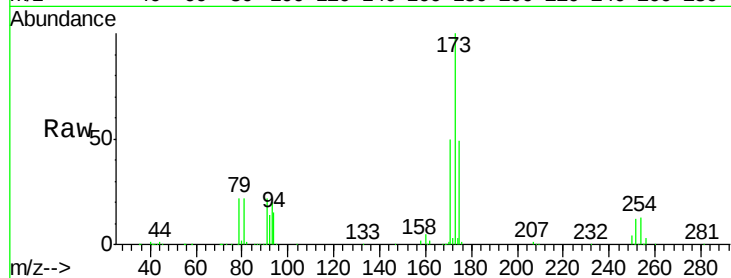
Tot Ion:173 Resp: 140108

Ion Ratio Lower Upper

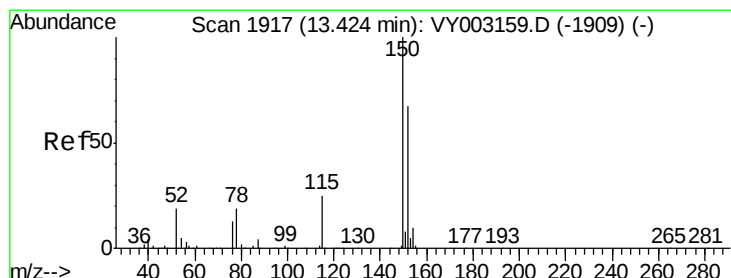
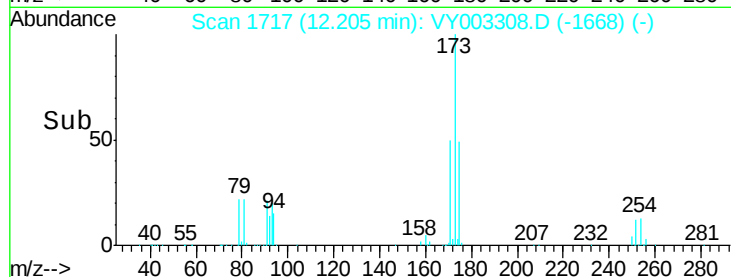
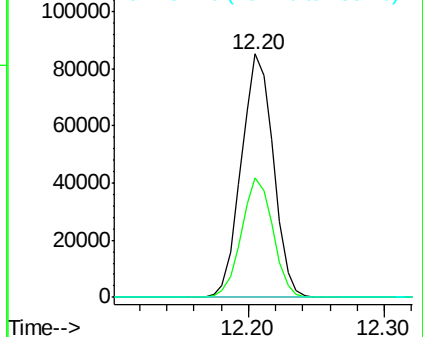
173 100

175 48.2 24.3 73.0

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: VY003308.D

Acq: 23 Jul 2020 11:20

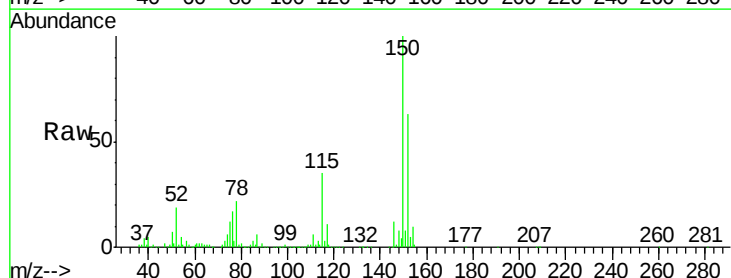
Tgt Ion:152 Resp: 315932

Ion Ratio Lower Upper

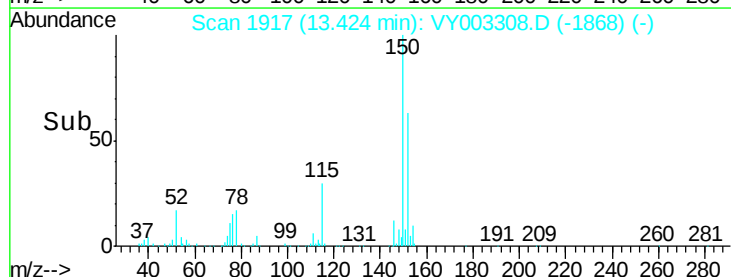
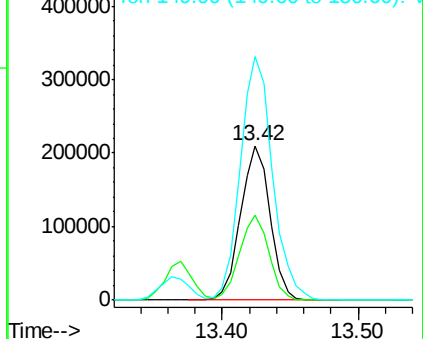
152 100

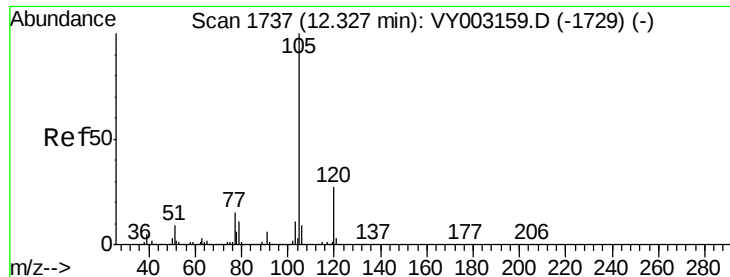
115 54.8 26.9 80.7

150 173.2 0.0 338.0



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





#73

Isopropylbenzene

Concen: 47.954 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

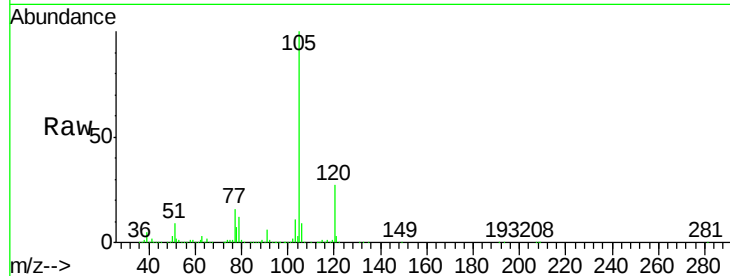
VSTDCCC050

Tot Ion:105 Resp: 965479

Ion Ratio Lower Upper

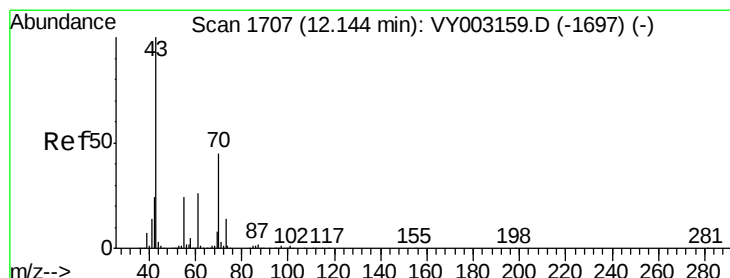
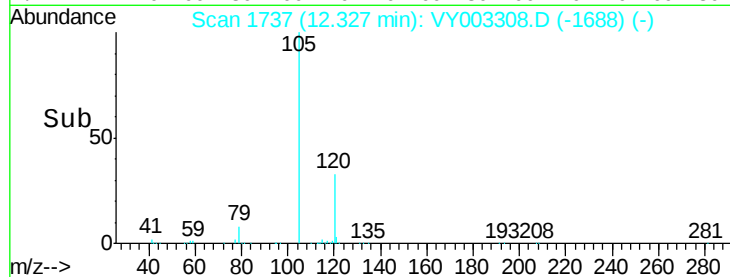
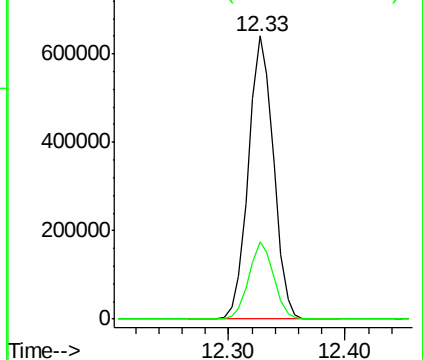
105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.469 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Tgt Ion: 43 Resp: 285105

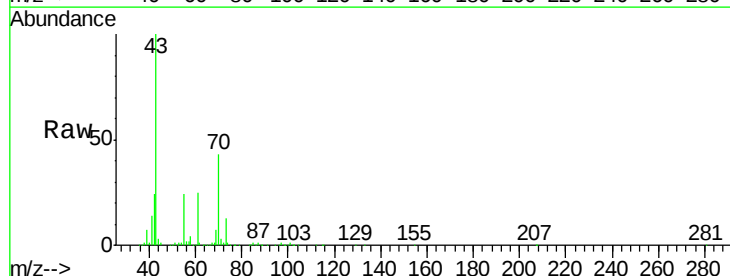
Ion Ratio Lower Upper

43 100

70 42.5 35.6 53.4

55 24.4 19.4 29.2

61 24.9 20.8 31.2

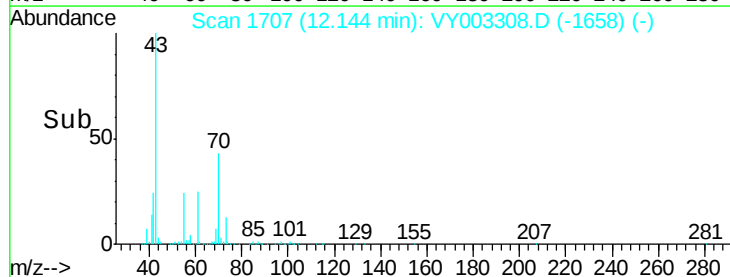
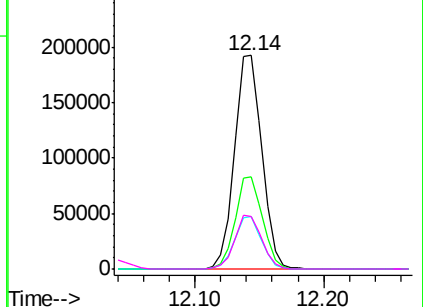


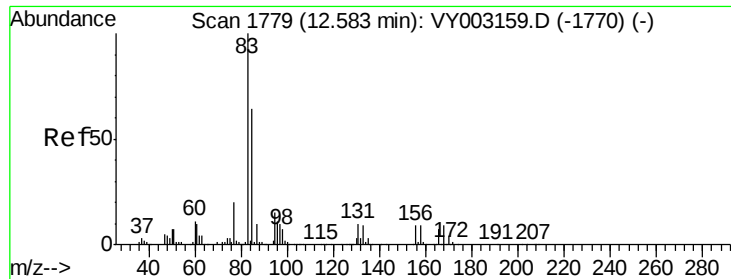
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.284 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

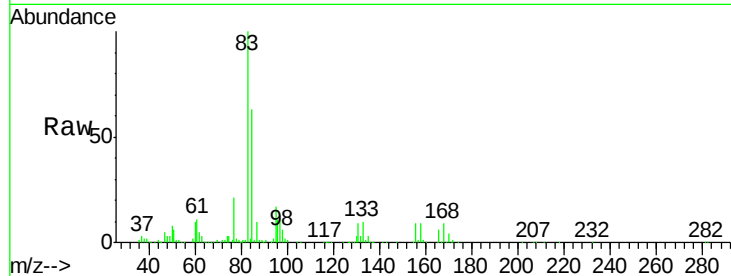
Tot Ion: 83 Resp: 187750

Ion Ratio Lower Upper

83 100

131 11.0 5.2 15.6

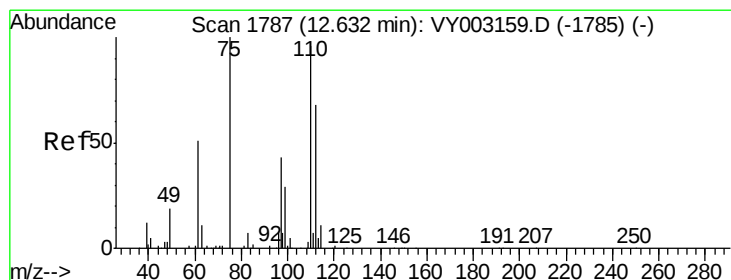
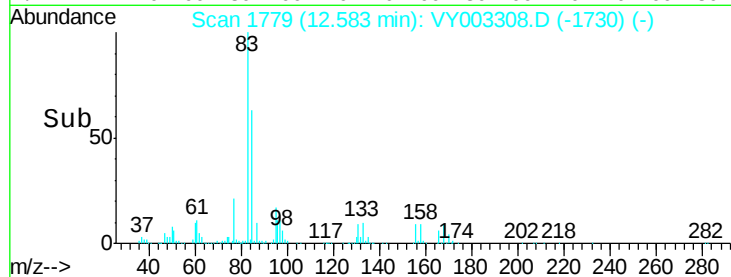
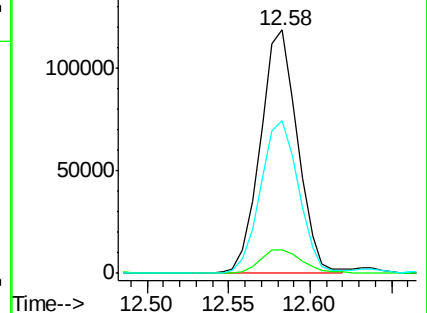
85 64.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 92.617 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003308.D

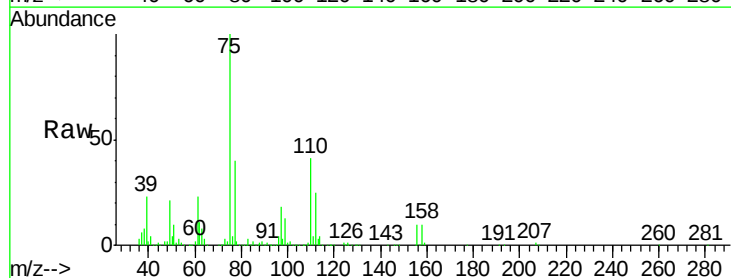
Acq: 23 Jul 2020 11:20

Tgt Ion: 75 Resp: 259007

Ion Ratio Lower Upper

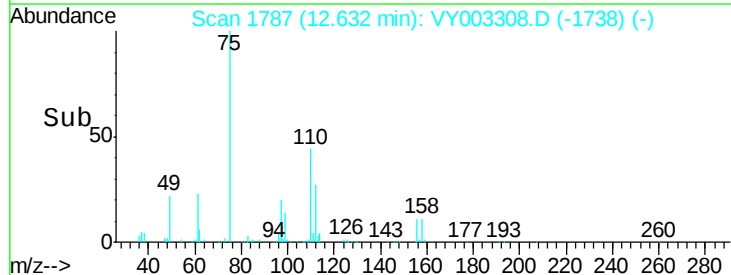
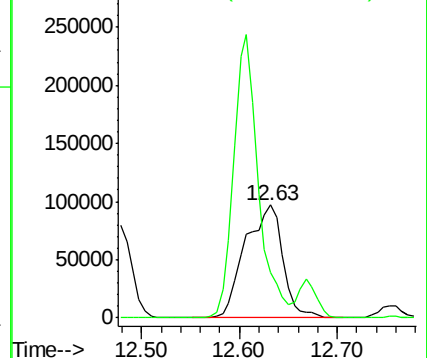
75 100

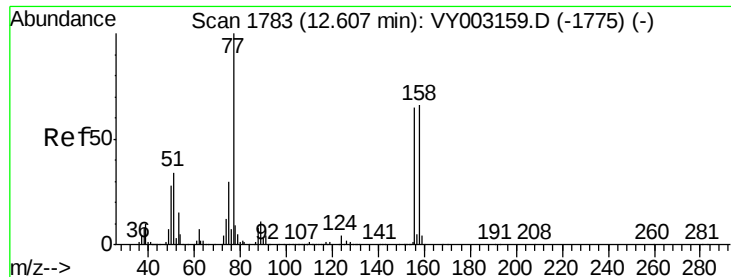
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 48.013 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

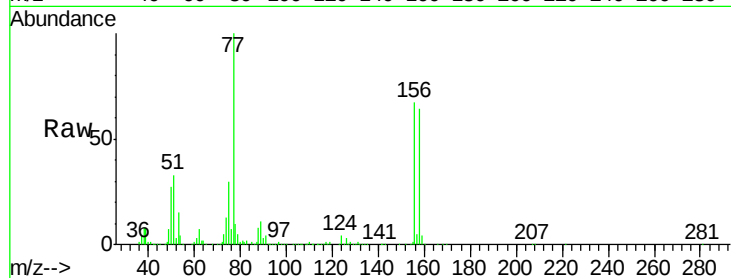
Tot Ion:156 Resp: 246403

Ion Ratio Lower Upper

156 100

77 172.3 86.6 259.7

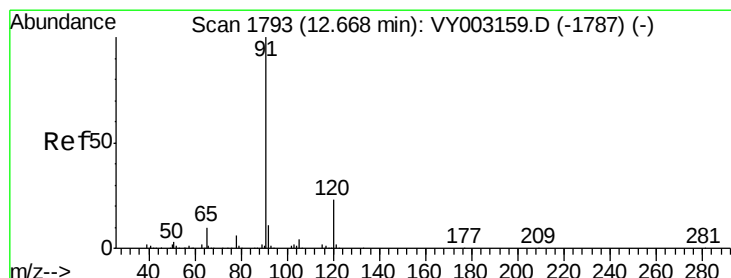
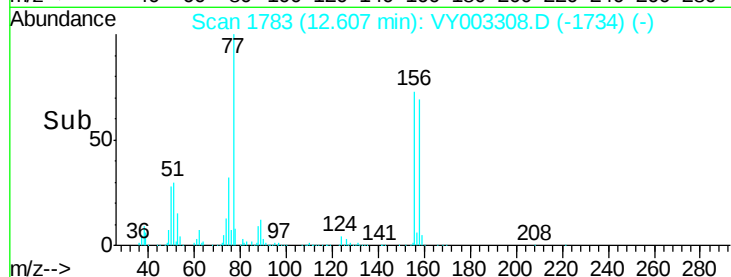
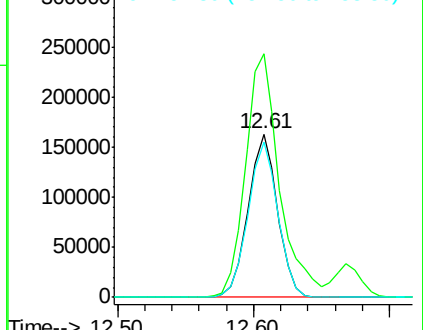
158 97.0 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.047 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003308.D

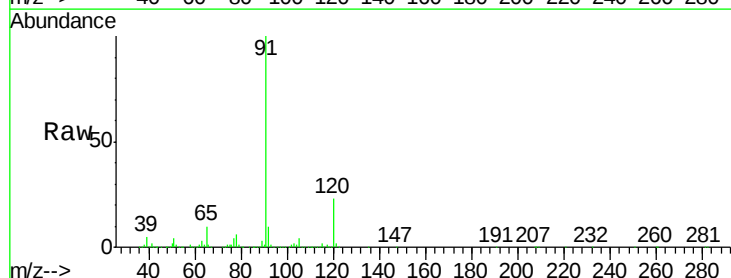
Acq: 23 Jul 2020 11:20

Tgt Ion: 91 Resp: 1163992

Ion Ratio Lower Upper

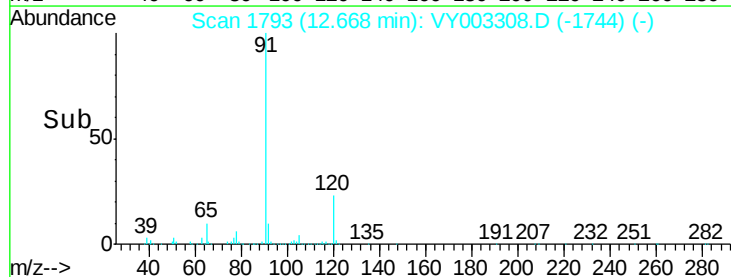
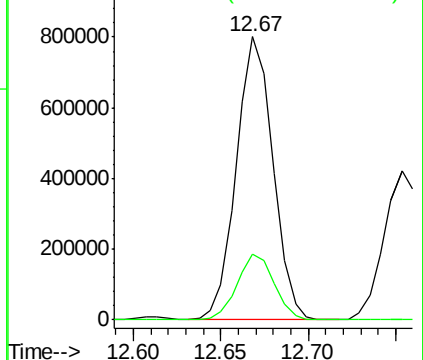
91 100

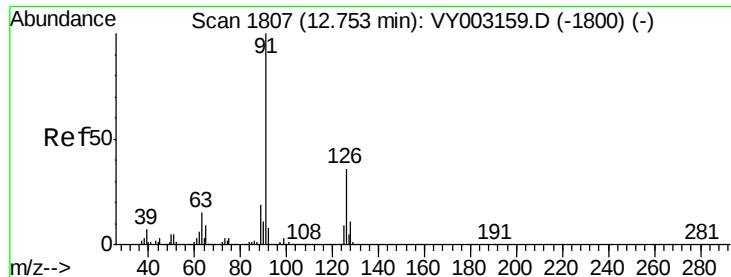
120 23.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

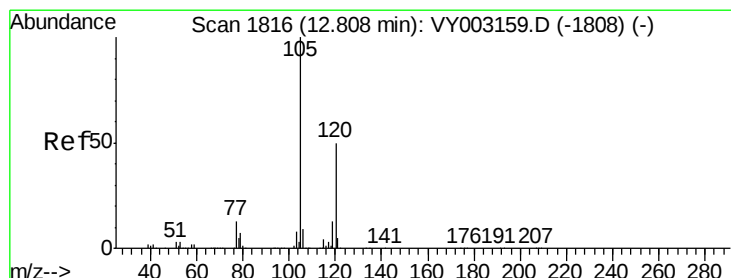
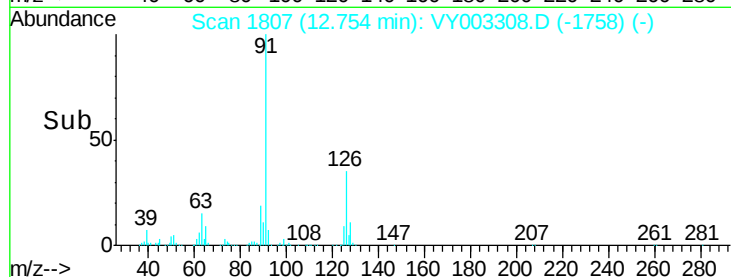
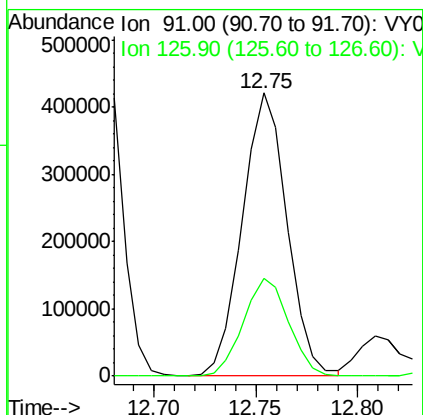
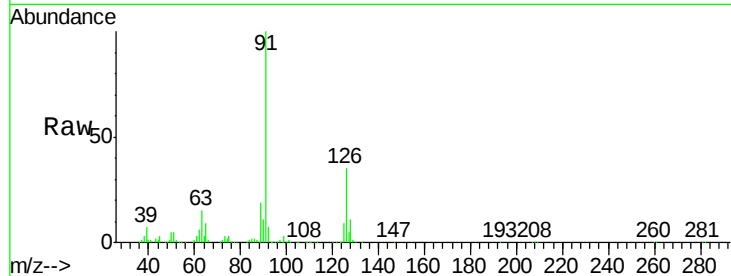




#79
2-Chlorotoluene
Concen: 48.421 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

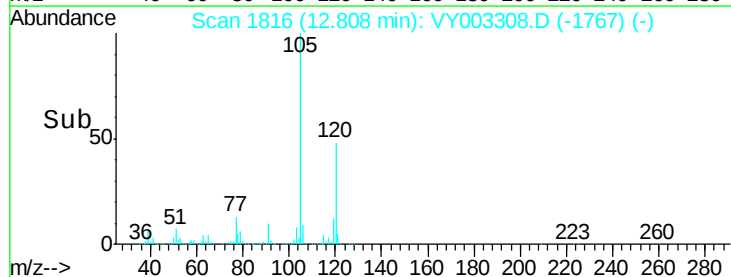
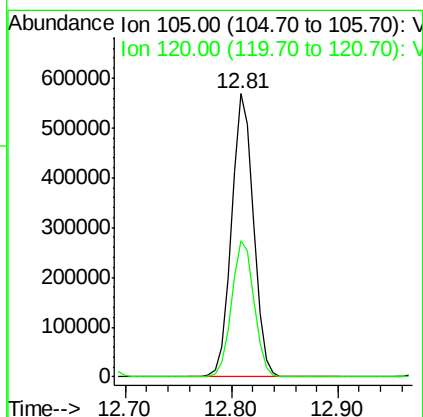
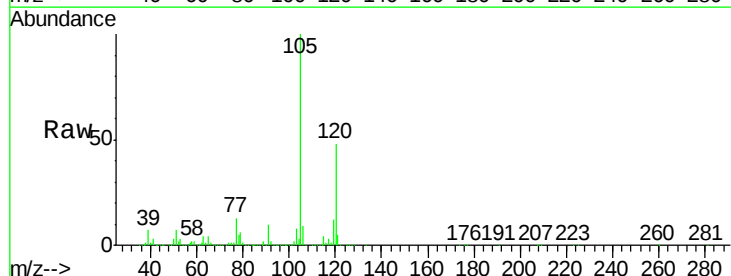
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

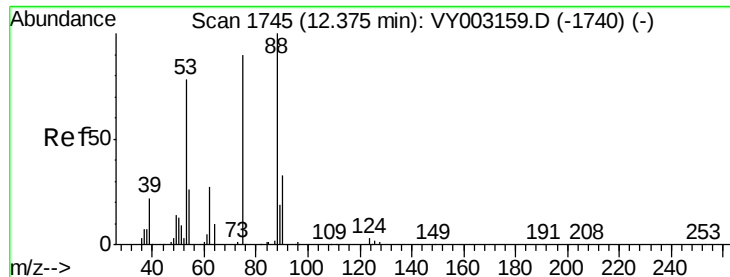
Tot Ion: 91 Resp: 641139
Ion Ratio Lower Upper
91 100
126 35.1 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 48.851 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Tgt Ion: 105 Resp: 819724
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.485 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

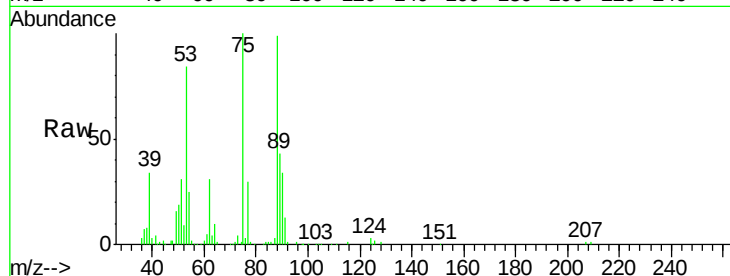
Tot Ion: 75 Resp: 69669

Ion Ratio Lower Upper

75 100

53 85.4 72.0 108.0

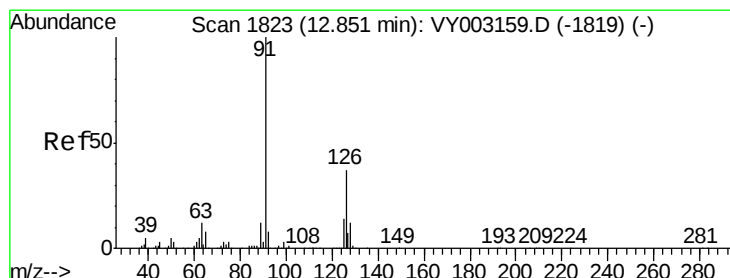
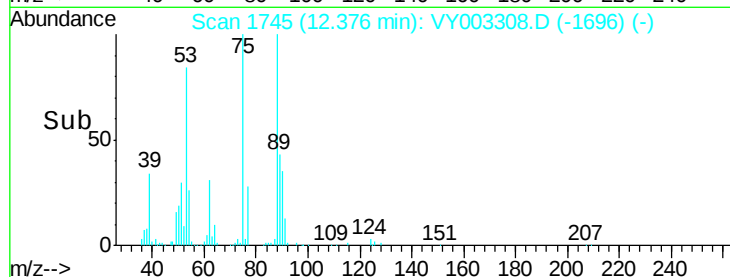
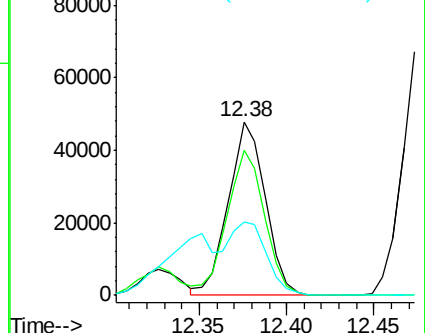
89 46.9 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 48.592 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003308.D

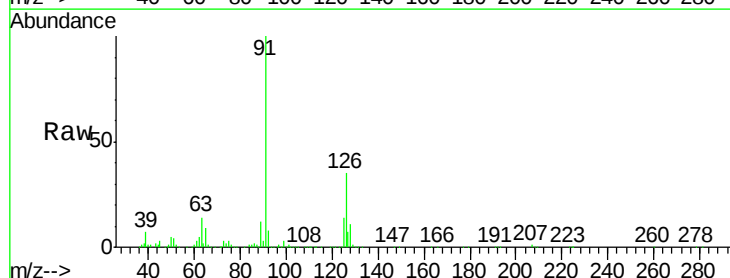
Acq: 23 Jul 2020 11:20

Tgt Ion: 91 Resp: 671558

Ion Ratio Lower Upper

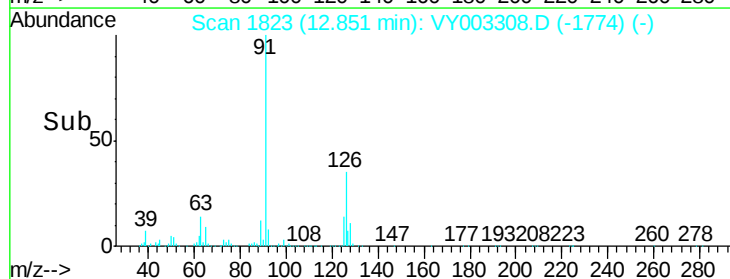
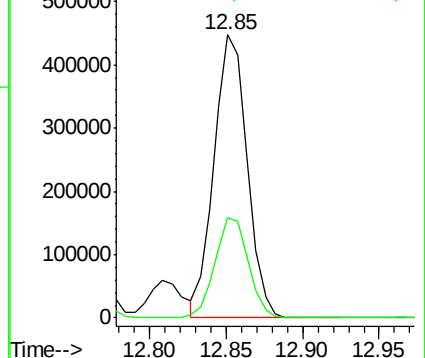
91 100

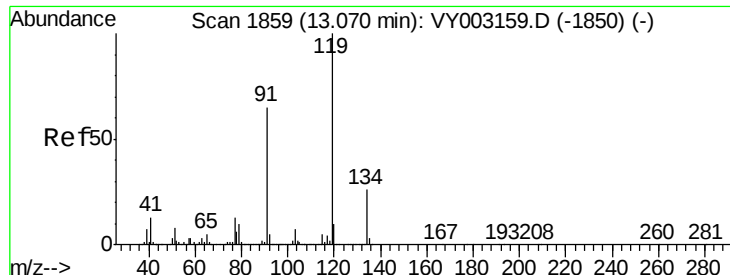
126 36.0 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

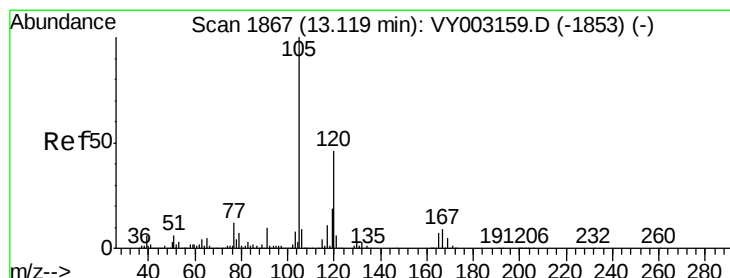
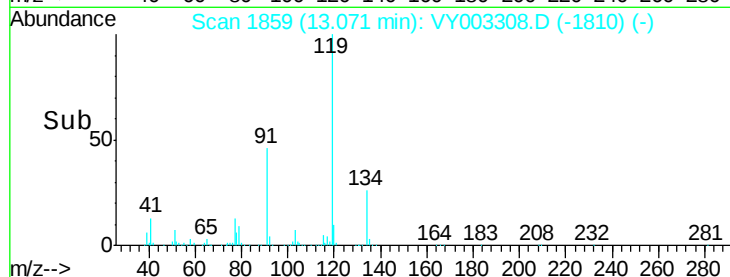
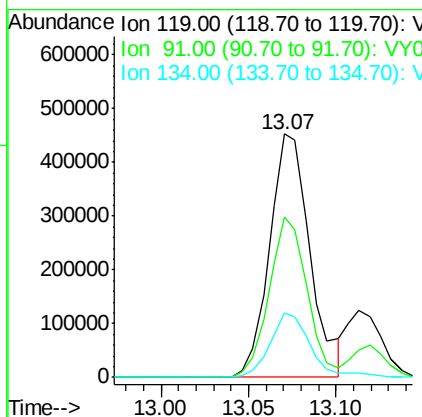
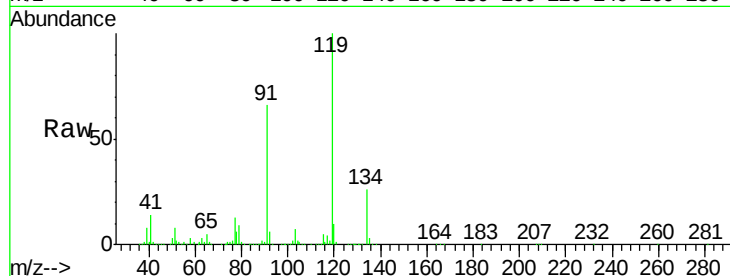




#83
tert-Butylbenzene
Concen: 49.456 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

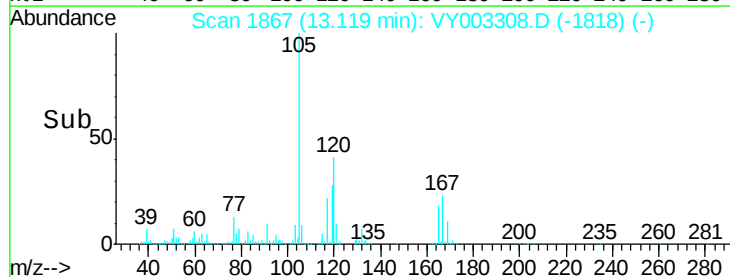
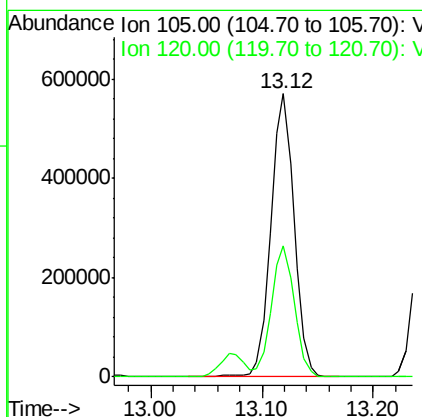
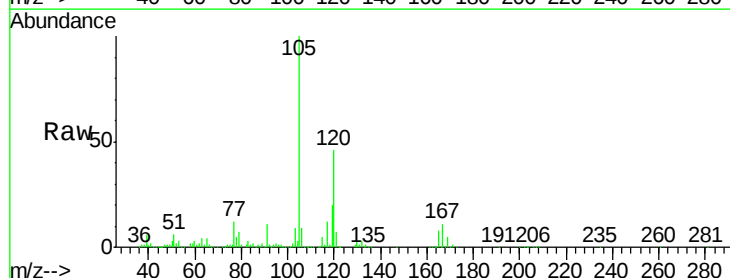
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

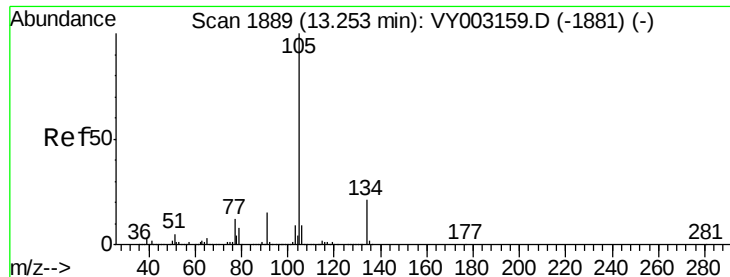
Tot Ion:119 Resp: 732253
Ion Ratio Lower Upper
119 100
91 61.7 30.8 92.4
134 26.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 49.124 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003308.D
Acq: 23 Jul 2020 11:20

Tgt Ion:105 Resp: 829394
Ion Ratio Lower Upper
105 100
120 46.1 22.5 67.5





#85

sec-Butylbenzene

Concen: 48.979 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

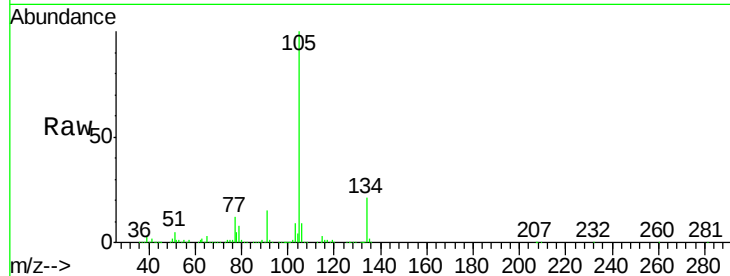
VSTDCCC050

Tot Ion:105 Resp: 996729

Ion Ratio Lower Upper

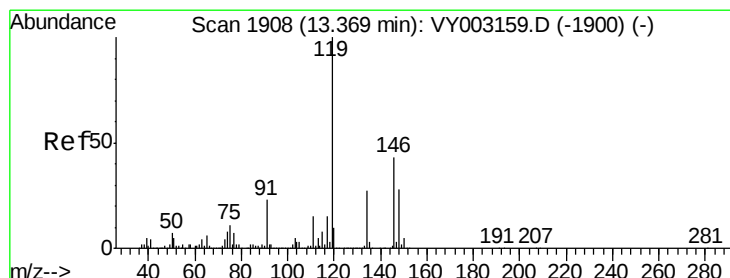
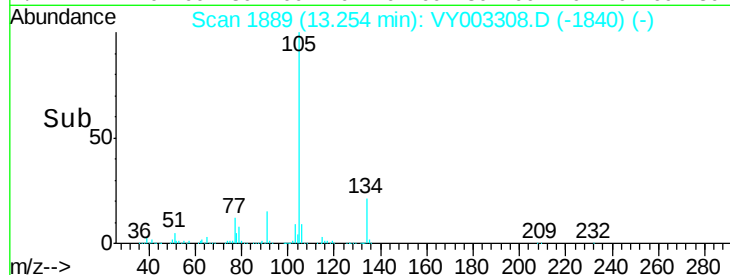
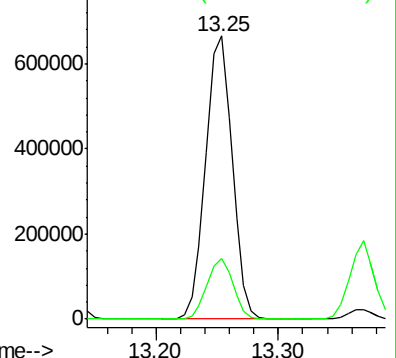
105 100

134 21.1 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: 49.548 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

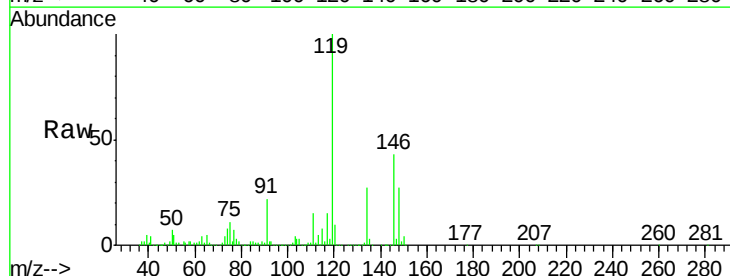
Tgt Ion:119 Resp: 941483

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

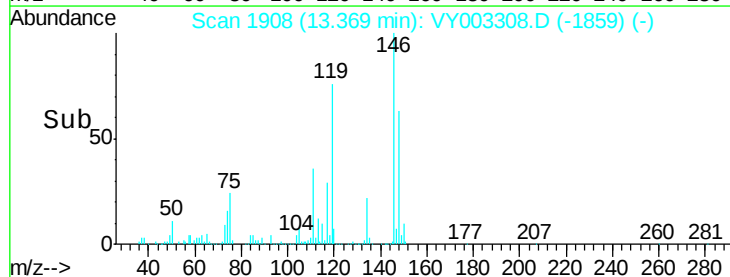
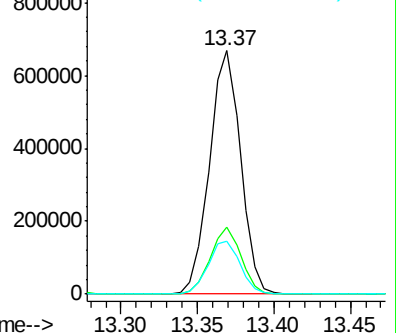
91 22.4 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 48.257 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

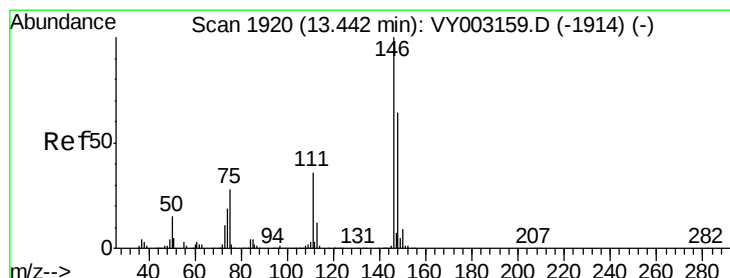
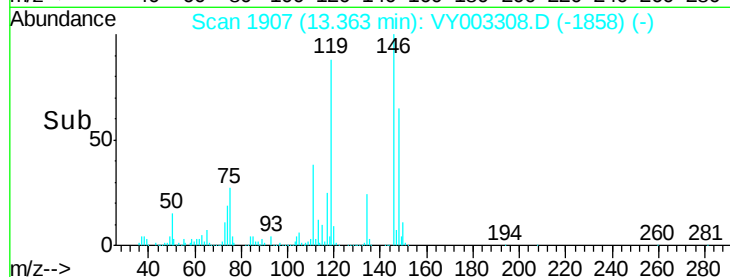
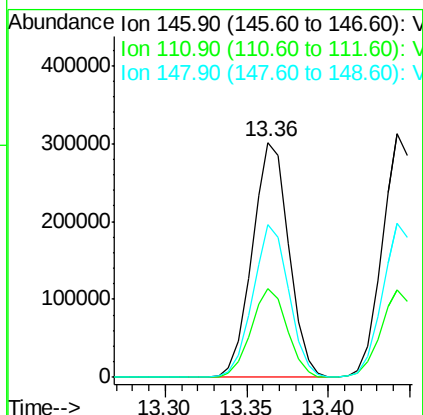
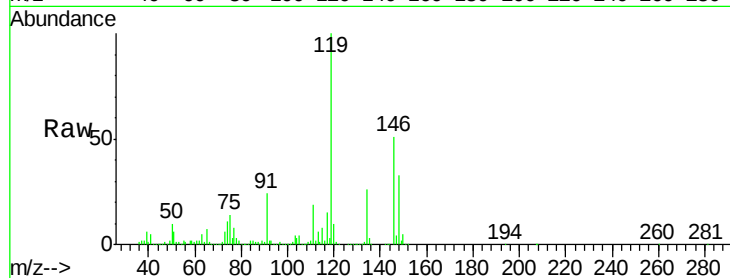
Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 468330

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.3
148	64.0	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 49.068 ug/l

RT: 13.44 min Scan# 1920

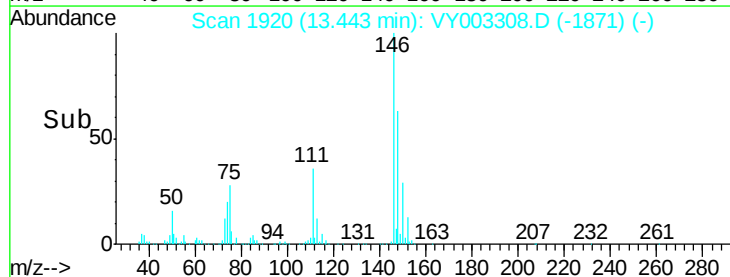
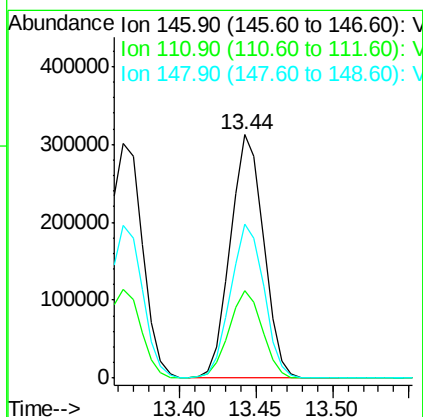
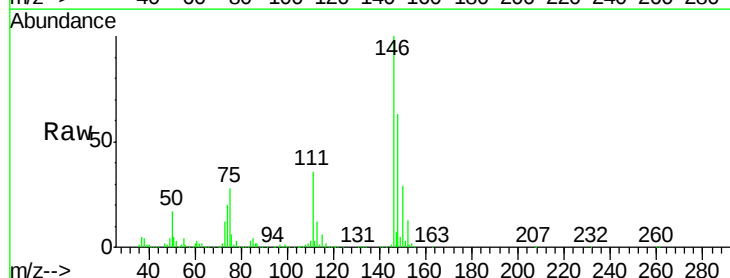
Delta R.T. 0.00 min

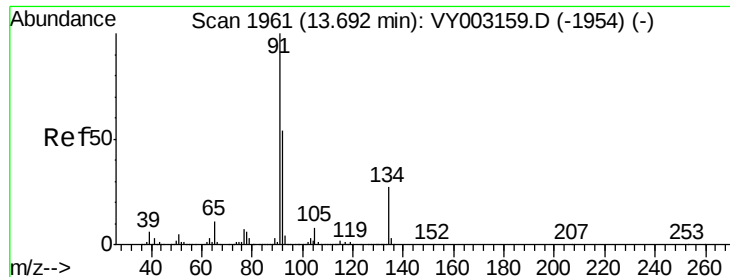
Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Tgt Ion:146 Resp: 471467

Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.4	55.0
148	63.5	32.0	96.0





#89

n-Butylbenzene

Concen: 50.229 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

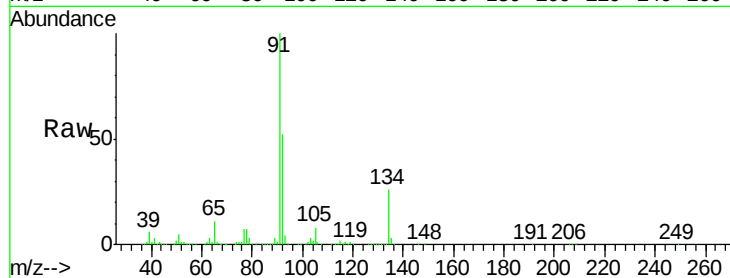
Tot Ion: 91 Resp: 897737

Ion Ratio Lower Upper

91 100

92 52.8 26.9 80.7

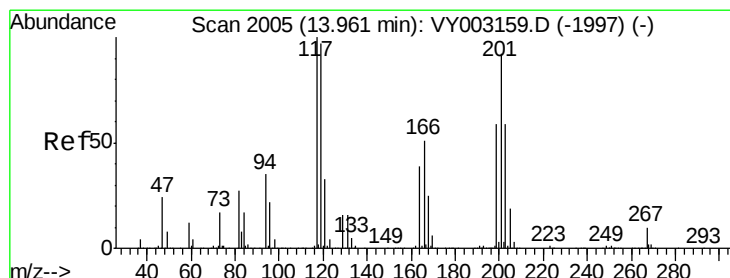
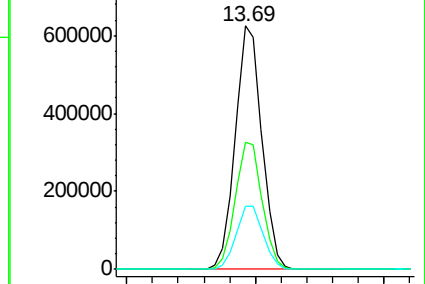
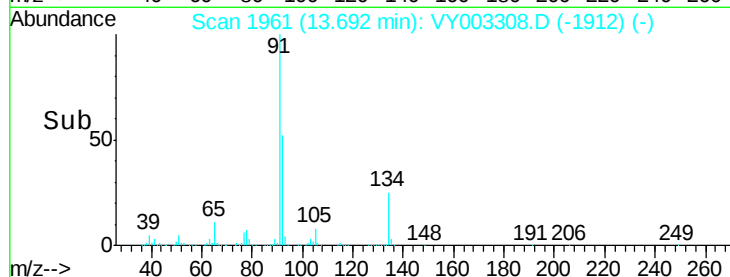
134 26.8 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VY003308.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY003308.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY003308.D (-1912) (-)



#90

Hexachloroethane

Concen: 51.323 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003308.D

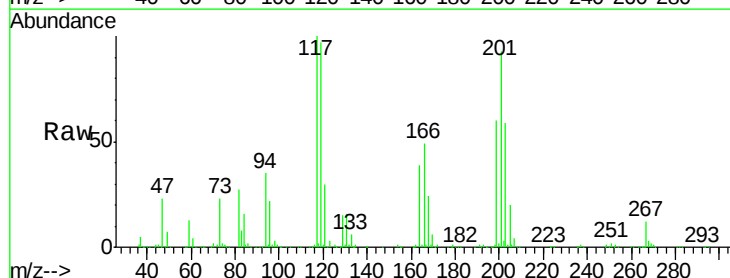
Acq: 23 Jul 2020 11:20

Tgt Ion: 117 Resp: 177595

Ion Ratio Lower Upper

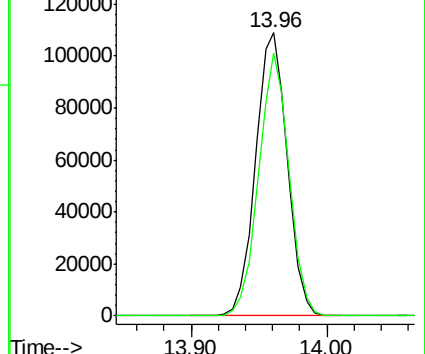
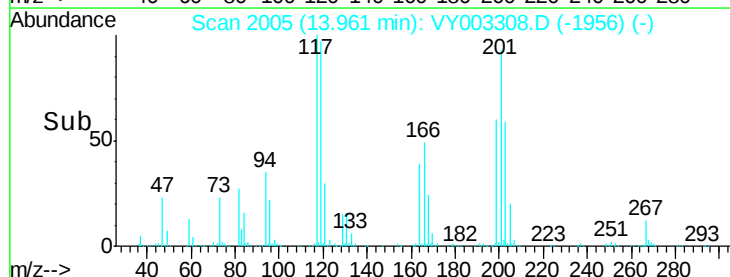
117 100

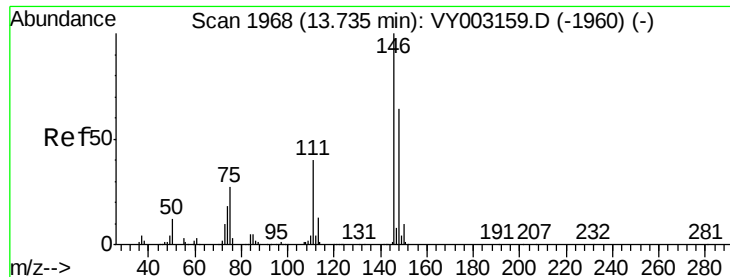
201 89.1 45.1 135.3



Abundance Ion 116.80 (116.50 to 117.50): VY003308.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY003308.D (-1956) (-)





#91

1,2-Dichlorobenzene

Concen: 49.262 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

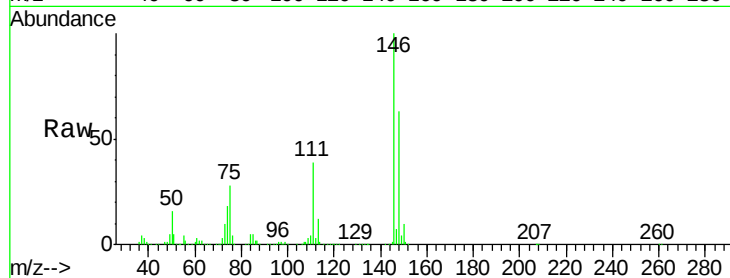
Tot Ion:146 Resp: 419555

Ion Ratio Lower Upper

146 100

111 38.6 19.6 58.8

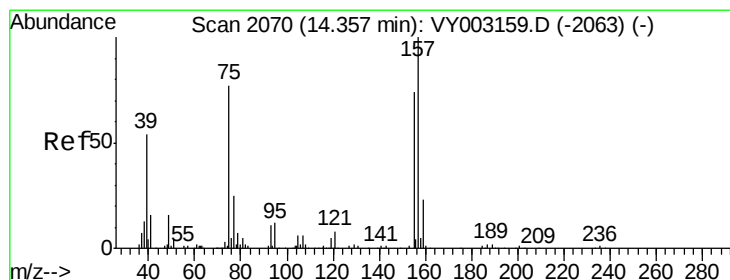
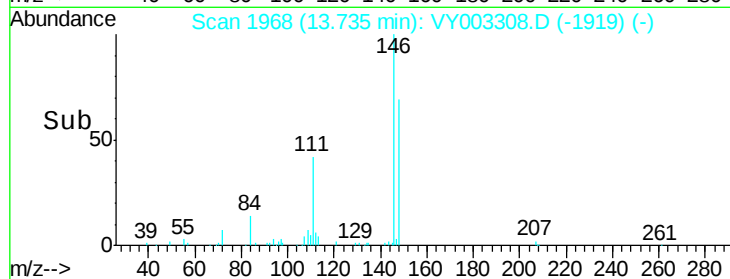
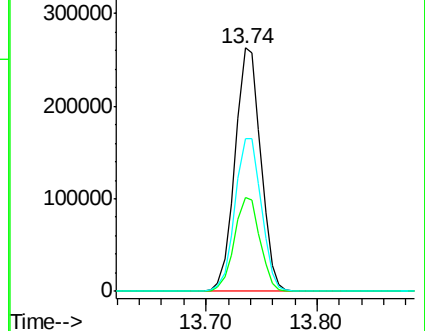
148 64.4 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.606 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

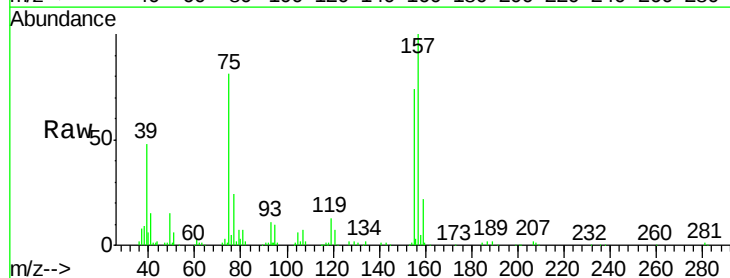
Tgt Ion: 75 Resp: 30011

Ion Ratio Lower Upper

75 100

155 96.5 48.1 144.3

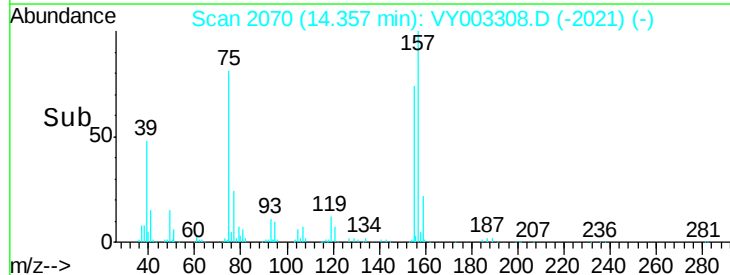
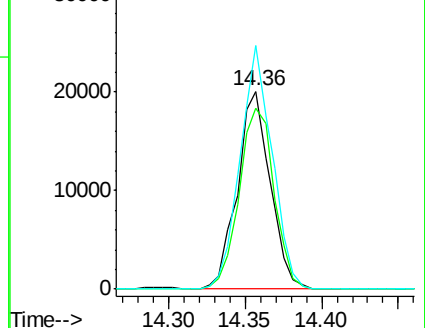
157 119.3 61.9 185.6

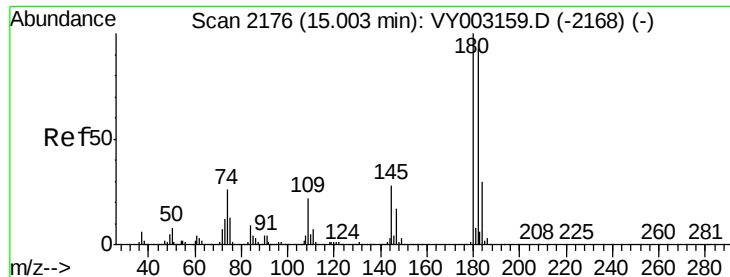


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

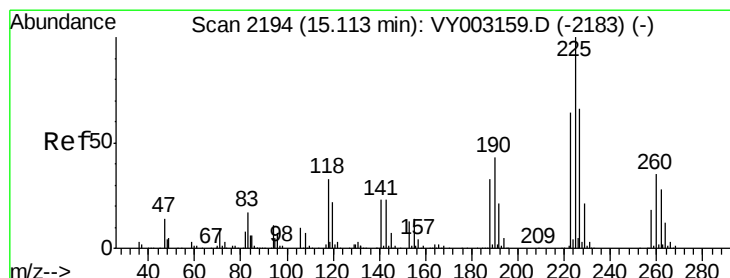
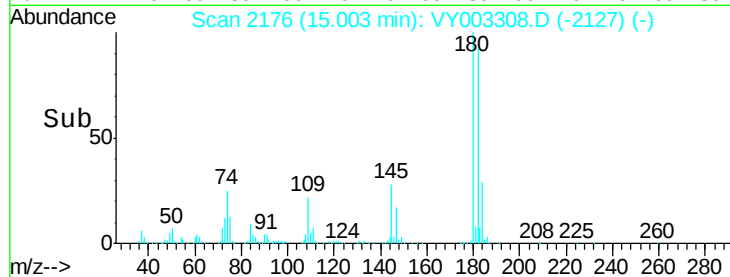
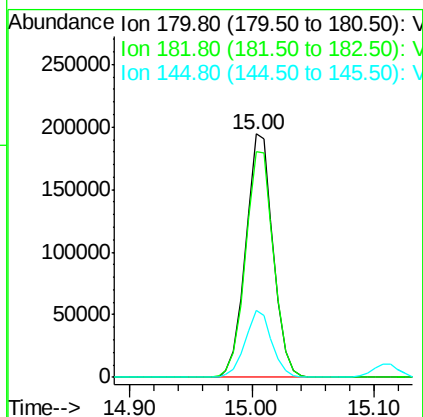
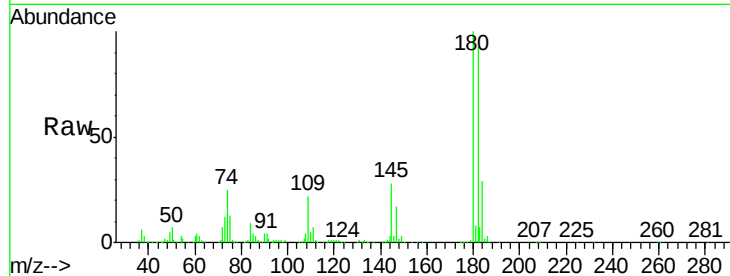




#93
 1,2,4-Trichlorobenzene
 Concen: 49.512 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003308.D
 Acq: 23 Jul 2020 11:20

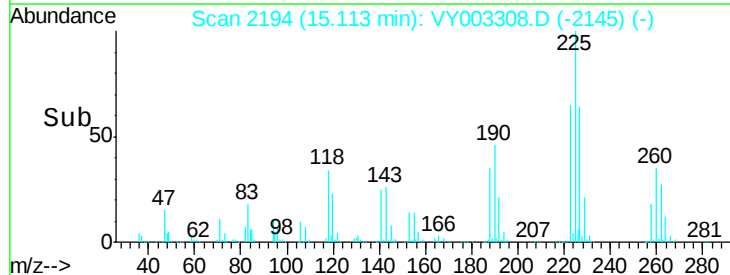
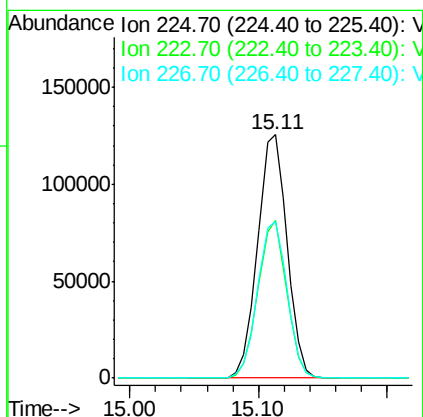
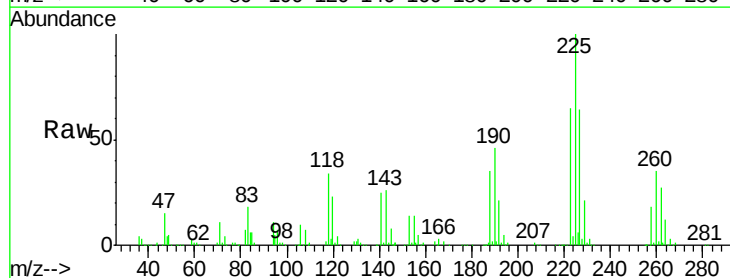
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

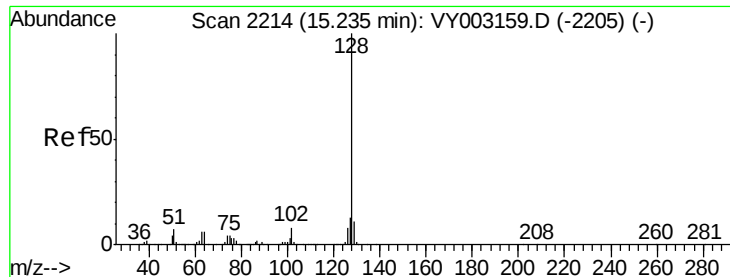
Tot Ion:180 Resp: 299986
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 142.0
 145 27.1 13.7 41.1



#94
 Hexachlorobutadiene
 Concen: 47.690 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003308.D
 Acq: 23 Jul 2020 11:20

Tgt Ion:225 Resp: 197992
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.6 94.7
 227 64.4 32.3 96.8





#95

Naphthalene

Concen: 49.586 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

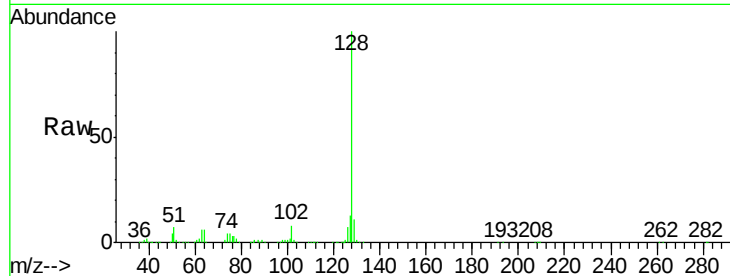
Tot Ion:128 Resp: 496514

Ion Ratio Lower Upper

128 100

127 13.2 10.9 16.3

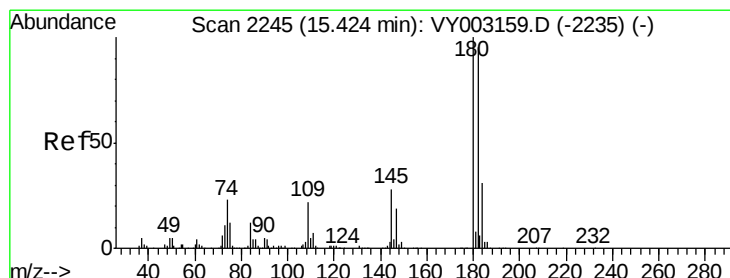
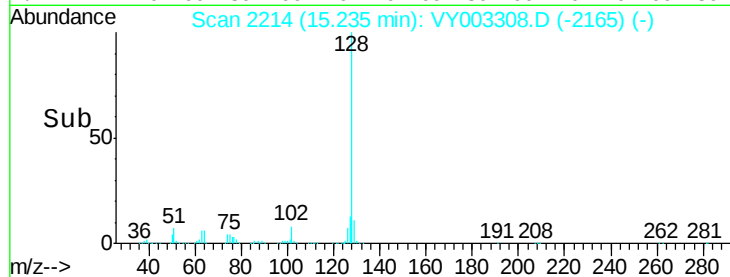
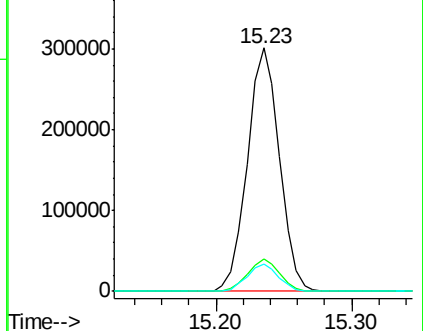
129 11.2 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.983 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003308.D

Acq: 23 Jul 2020 11:20

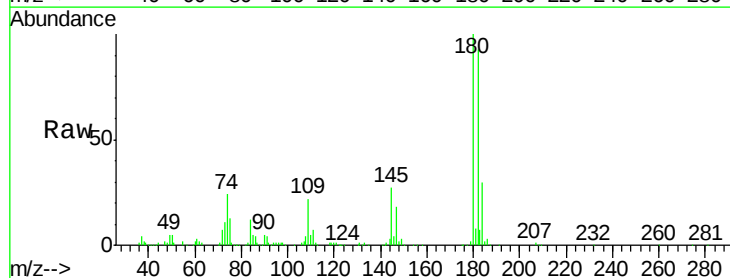
Tgt Ion:180 Resp: 239393

Ion Ratio Lower Upper

180 100

182 94.3 48.8 146.3

145 29.0 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

