

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
 Data File : VY003200.D
 Acq On : 14 Jul 2020 17:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 15 04:15:20 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	459873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	670383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	616088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	319423	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	185074	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
35) Dibromofluoromethane	7.72	113	180614	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	10.18	98	664841	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
62) 4-Bromofluorobenzene	12.48	95	240456	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	145270	44.074	ug/l	99
3) Chloromethane	2.12	50	215221	47.075	ug/l	99
4) Vinyl Chloride	2.26	62	224562	47.872	ug/l	99
5) Bromomethane	2.65	94	174970	50.218	ug/l	97
6) Chloroethane	2.80	64	145925	47.363	ug/l	100
7) Trichlorofluoromethane	3.13	101	319121	47.637	ug/l	98
8) Diethyl Ether	3.54	74	110366	49.166	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	195883	48.416	ug/l	99
10) Methyl Iodide	4.10	142	192681	43.835	ug/l	99
11) Tert butyl alcohol	4.97	59	91727	218.547	ug/l	99
12) 1,1-Dichloroethene	3.88	96	184840	48.302	ug/l	99
13) Acrolein	3.74	56	87300	239.639	ug/l	98
14) Allyl chloride	4.49	41	293439	51.677	ug/l	99
15) Acrylonitrile	5.18	53	262293	243.244	ug/l	98
16) Acetone	3.96	43	215451	248.499	ug/l	98
17) Carbon Disulfide	4.20	76	568377	48.403	ug/l	99
18) Methyl Acetate	4.49	43	120315	49.969	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	536663	50.043	ug/l	98
20) Methylene Chloride	4.72	84	225875	51.999	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	212397	49.072	ug/l	93
22) Diisopropyl ether	6.13	45	667114	52.936	ug/l	98
23) Vinyl Acetate	6.07	43	2160800	257.248	ug/l	100
24) 1,1-Dichloroethane	6.02	63	371099	50.828	ug/l	98
25) 2-Butanone	7.00	43	358851	252.082	ug/l	97
26) 2,2-Dichloropropane	6.99	77	325336	49.480	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	238620	50.072	ug/l	99
28) Bromochloromethane	7.35	49	158641	50.187	ug/l	96
29) Tetrahydrofuran	7.35	42	238183	249.063	ug/l	98
30) Chloroform	7.52	83	378722	50.364	ug/l	100
31) Cyclohexane	7.79	56	338542	47.952	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	339072	50.087	ug/l	99
36) 1,1-Dichloropropene	7.93	75	296133	48.739	ug/l	99
37) Ethyl Acetate	7.08	43	162821	49.761	ug/l	98
38) Carbon Tetrachloride	7.91	117	304400	48.530	ug/l	98

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

39) Methylcyclohexane	9.19	83	372505	48.804	ug/l	99
40) Benzene	8.16	78	825760	49.358	ug/l	98
41) Methacrylonitrile	7.35	41	218354	110.802	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	252434	49.012	ug/l	100
43) Isopropyl Acetate	8.28	43	317343	50.106	ug/l	99
44) Trichloroethene	8.94	130	243439	47.467	ug/l	100
45) 1,2-Dichloropropane	9.22	63	218105	50.383	ug/l	98
46) Dibromomethane	9.31	93	123059	48.671	ug/l	100
47) Bromodichloromethane	9.50	83	300113	49.908	ug/l	99
48) Methyl methacrylate	9.30	41	142952	50.488	ug/l	97
49) 1,4-Dioxane	9.30	88	30269	943.279	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	831122	252.471	ug/l	99
52) Toluene	10.24	92	525961	49.187	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	310441	49.827	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	358186	49.897	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	172473	48.139	ug/l	98
56) Ethyl methacrylate	10.51	69	249885	51.301	ug/l	97
57) 1,3-Dichloropropane	10.79	76	300170	49.412	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	627240	252.494	ug/l	99
59) 2-Hexanone	10.83	43	578116	251.571	ug/l	100
60) Dibromochloromethane	10.99	129	222451	49.365	ug/l	99
61) 1,2-Dibromoethane	11.09	107	169508	47.937	ug/l	100
64) Tetrachloroethene	10.72	164	258654	47.086	ug/l	99
65) Chlorobenzene	11.52	112	579907	48.861	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	227425	49.336	ug/l	99
67) Ethyl Benzene	11.59	91	1050007	49.549	ug/l	98
68) m/p-Xylenes	11.70	106	788592	98.076	ug/l	99
69) o-Xylene	12.03	106	372445	49.582	ug/l	99
70) Styrene	12.04	104	645343	50.221	ug/l	100
71) Bromoform	12.20	173	145193	47.990	ug/l	98
73) Isopropylbenzene	12.33	105	1012919	49.761	ug/l	100
74) N-amyl acetate	12.14	43	299441	52.427	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	191562	48.726	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	269003	95.140	ug/l #	100
77) Bromobenzene	12.61	156	259892	50.088	ug/l	99
78) n-propylbenzene	12.67	91	1204784	50.211	ug/l	99
79) 2-Chlorotoluene	12.75	91	676666	50.545	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	852814	50.267	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	71792	49.416	ug/l	99
82) 4-Chlorotoluene	12.85	91	703331	50.335	ug/l	99
83) tert-Butylbenzene	13.08	119	750649	50.144	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	858555	50.296	ug/l	99
85) sec-Butylbenzene	13.25	105	1030729	50.096	ug/l	99
86) p-Isopropyltoluene	13.37	119	956996	49.814	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	478581	48.774	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	481942	49.610	ug/l	99
89) n-Butylbenzene	13.69	91	907540	50.222	ug/l	99
90) Hexachloroethane	13.96	117	176933	50.573	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	426826	49.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	30548	47.928	ug/l	97

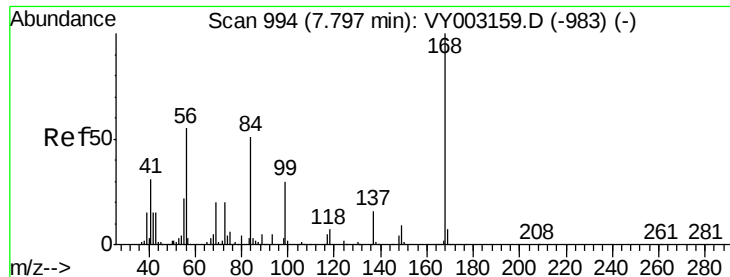
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	290168	47.368	ug/l	99
94) Hexachlorobutadiene	15.11	225	195323	46.533	ug/l	99
95) Naphthalene	15.23	128	472468	46.669	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	222194	45.885	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

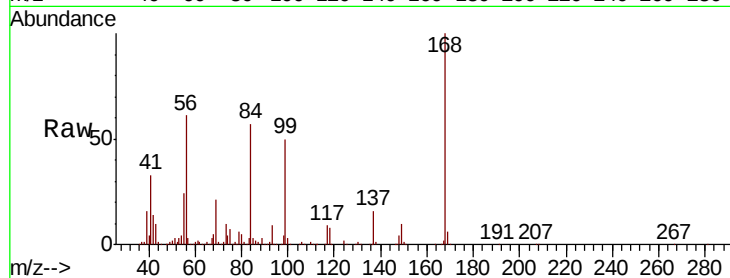
VSTDCCC050EC

Tot Ion:168 Resp: 459873

Ion Ratio Lower Upper

168 100

99 50.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

200000

150000

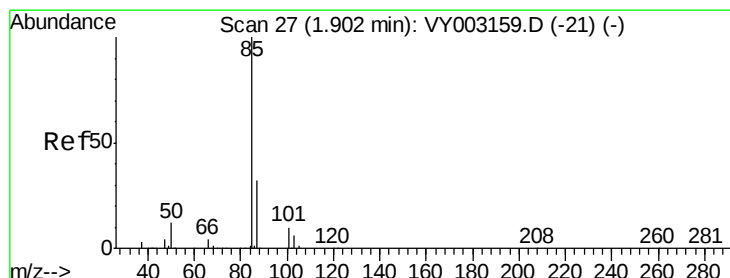
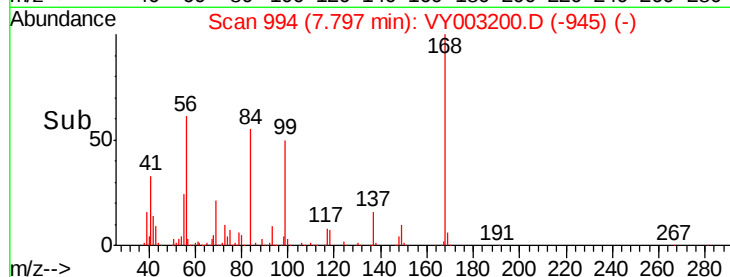
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.074 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003200.D

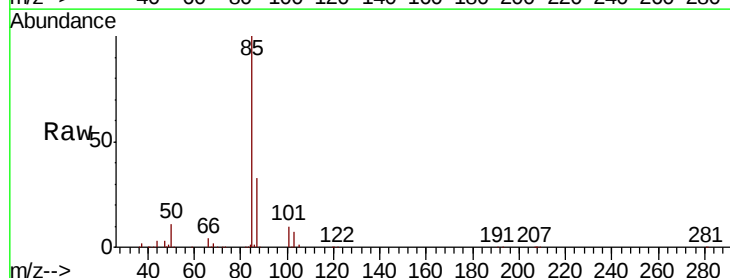
Acq: 14 Jul 2020 17:00

Tgt Ion: 85 Resp: 145270

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003159.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003159.D (-21) (-)

1.91

100000

80000

60000

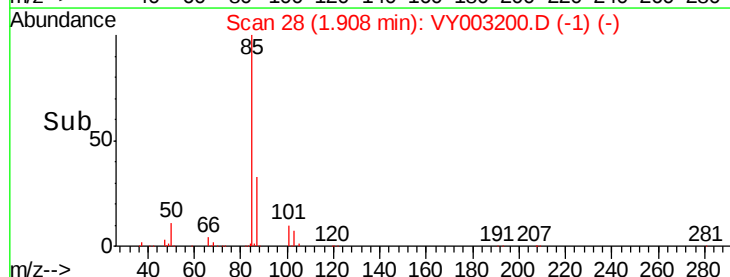
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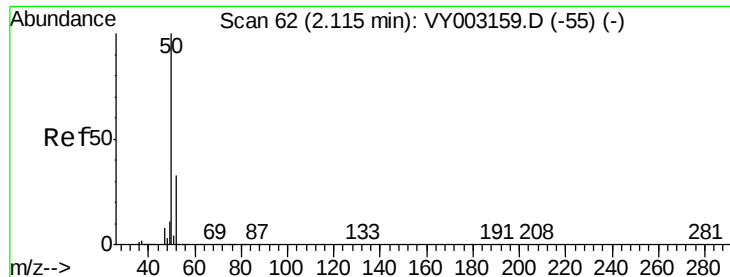
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 47.075 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

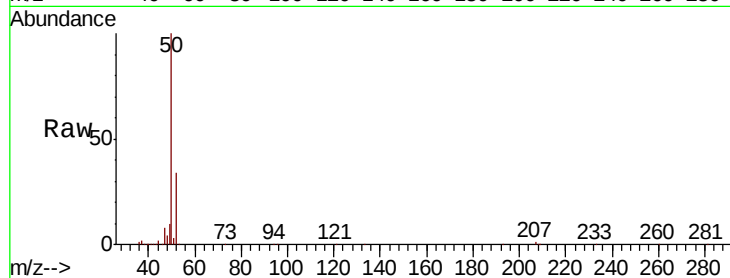
VSTDCCC050EC

Tot Ion: 50 Resp: 215221

Ion Ratio Lower Upper

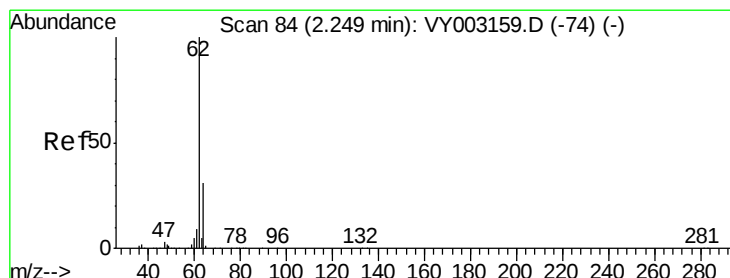
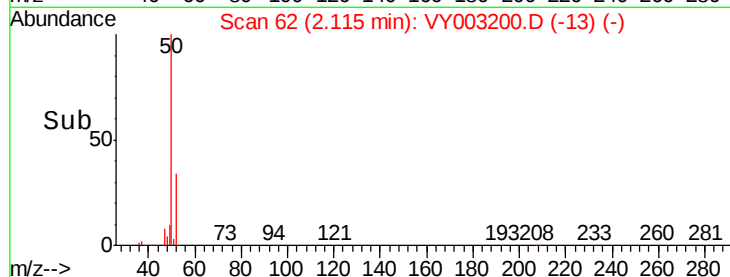
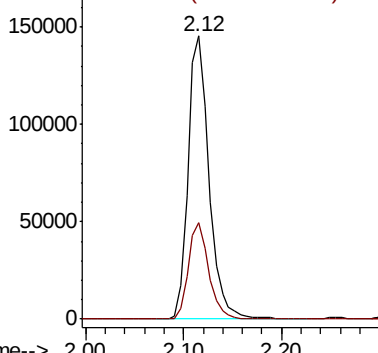
50 100

52 34.0 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 47.872 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003200.D

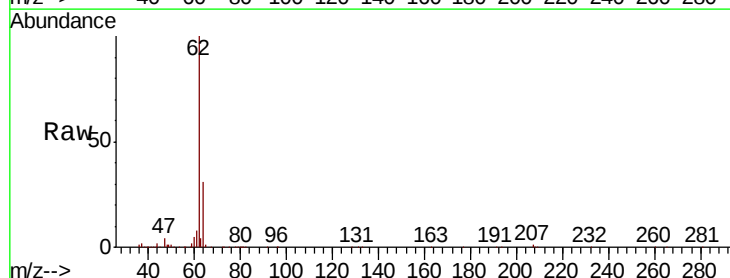
Acq: 14 Jul 2020 17:00

Tgt Ion: 62 Resp: 224562

Ion Ratio Lower Upper

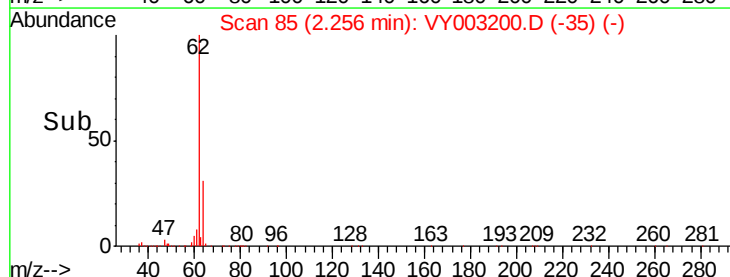
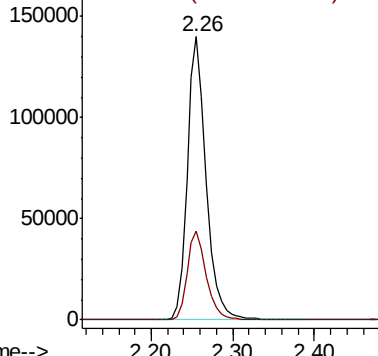
62 100

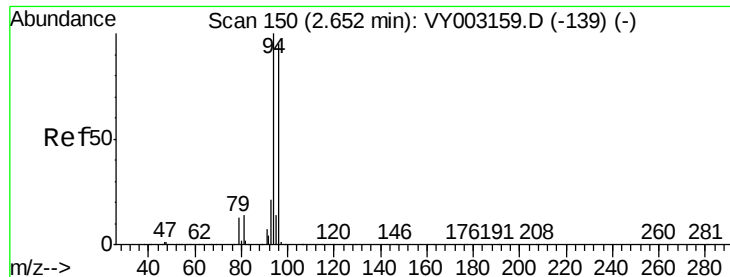
64 31.3 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 50.218 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

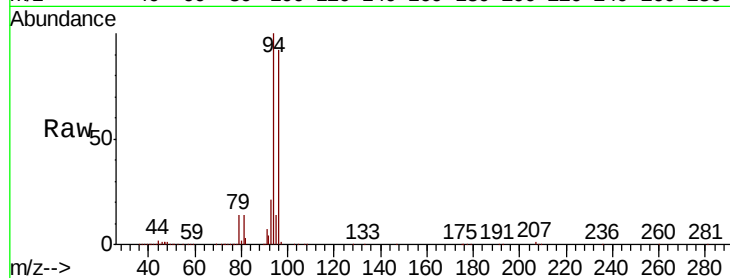
VSTDCCC050EC

Tot Ion: 94 Resp: 174970

Ion Ratio Lower Upper

94 100

96 91.9 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

100000

80000

60000

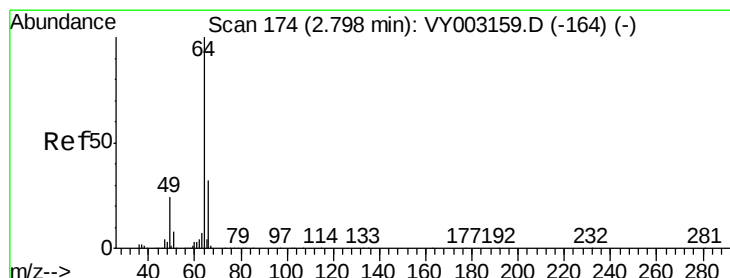
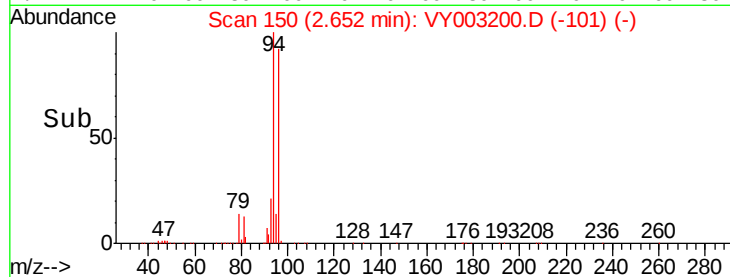
40000

20000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 47.363 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003200.D

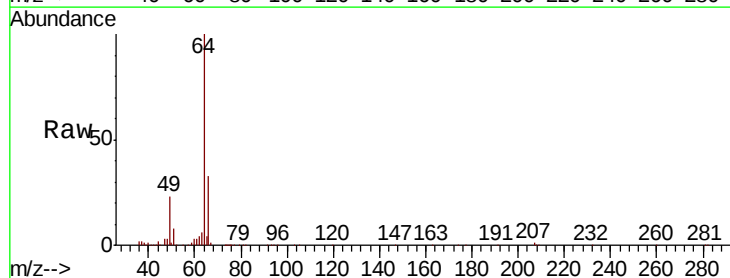
Acq: 14 Jul 2020 17:00

Tgt Ion: 64 Resp: 145925

Ion Ratio Lower Upper

64 100

66 32.7 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

80000

60000

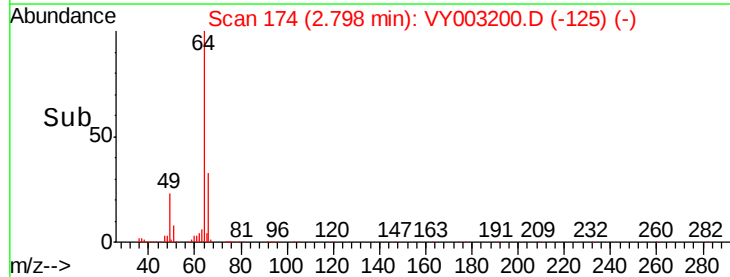
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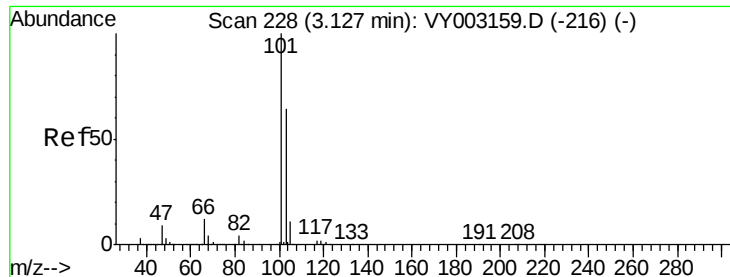
20000

0

Time-->

2.70 2.80 2.90



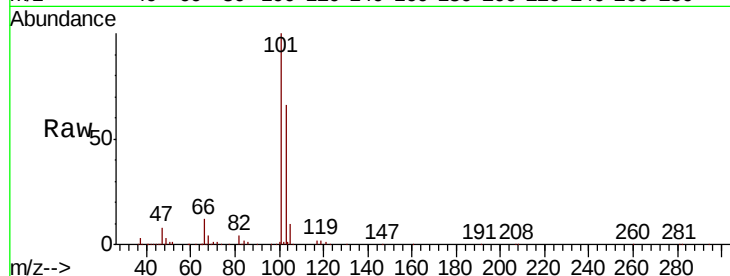


#7

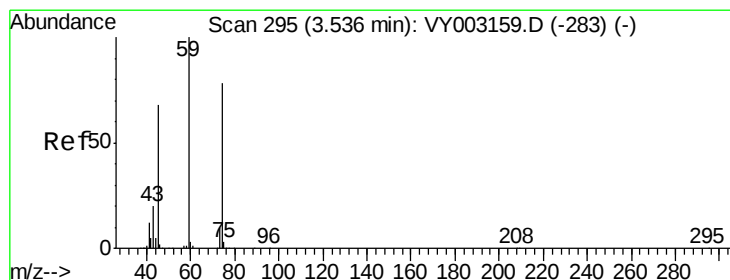
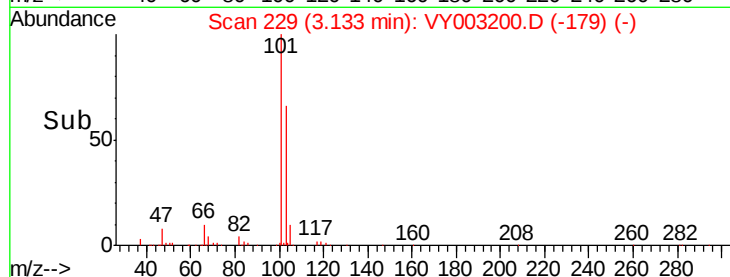
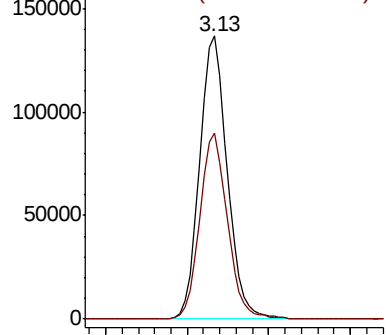
Trichlorofluoromethane
 Concen: 47.637 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 319121
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.3 76.9



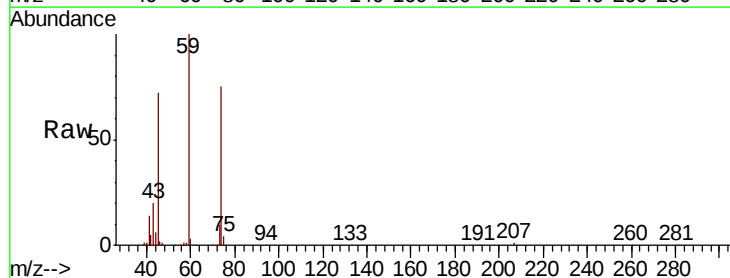
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



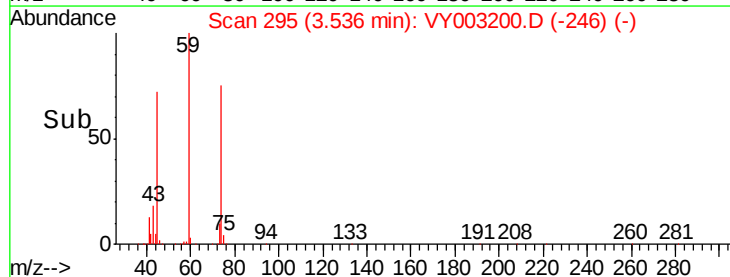
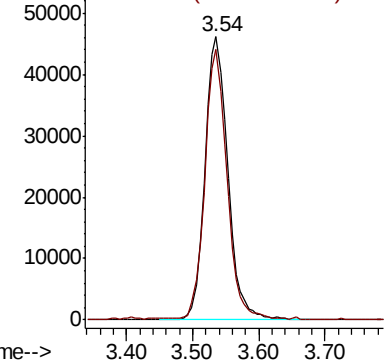
#8

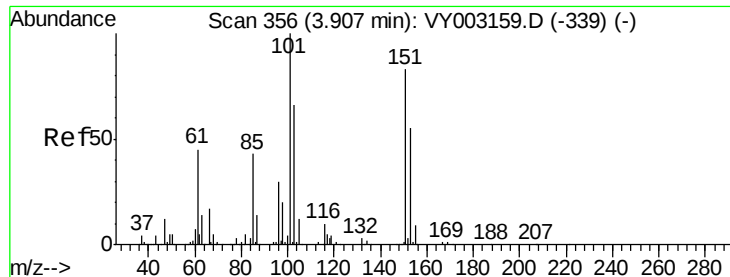
Diethyl Ether
 Concen: 49.166 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

Tgt Ion: 74 Resp: 110366
 Ion Ratio Lower Upper
 74 100
 45 91.6 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VY0
 Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.416 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

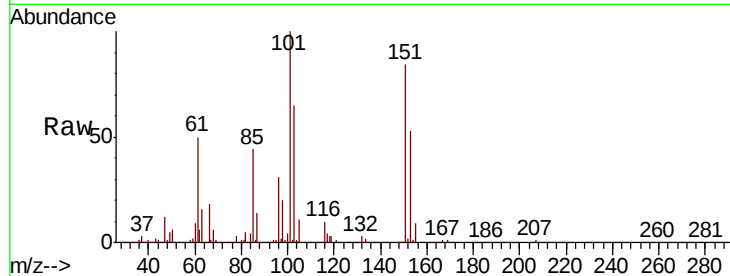
Tot Ion:101 Resp: 195883

Ion Ratio Lower Upper

101 100

85 43.4 34.9 52.3

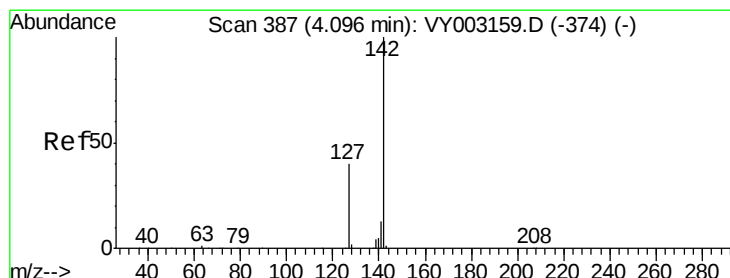
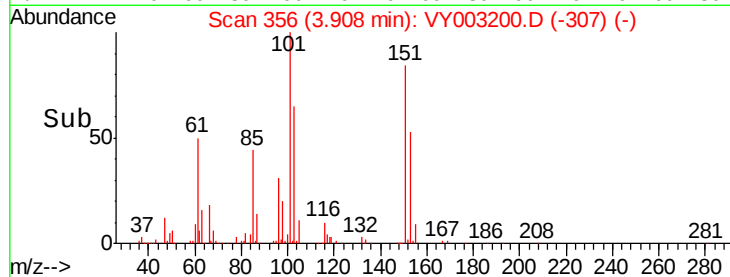
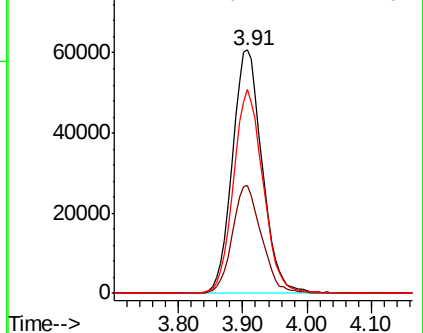
151 82.8 67.0 100.6



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: 43.835 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

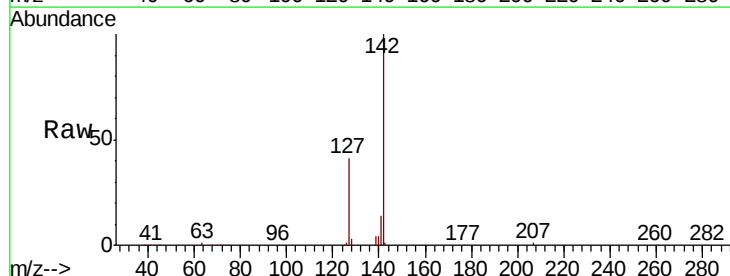
Tgt Ion:142 Resp: 192681

Ion Ratio Lower Upper

142 100

127 41.0 33.5 50.3

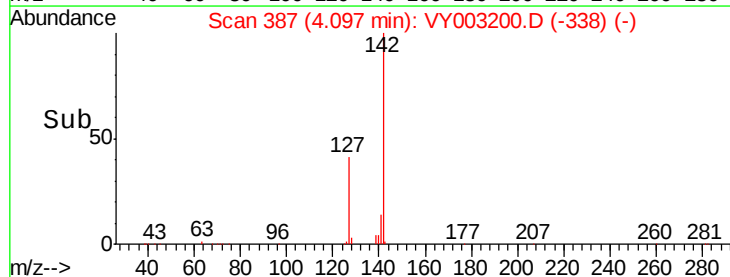
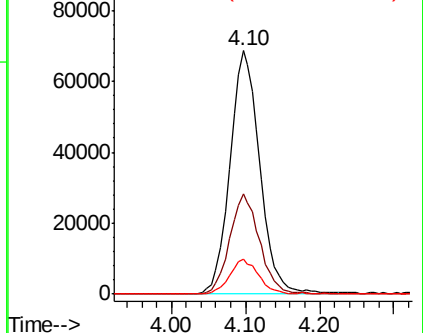
141 14.0 11.2 16.8

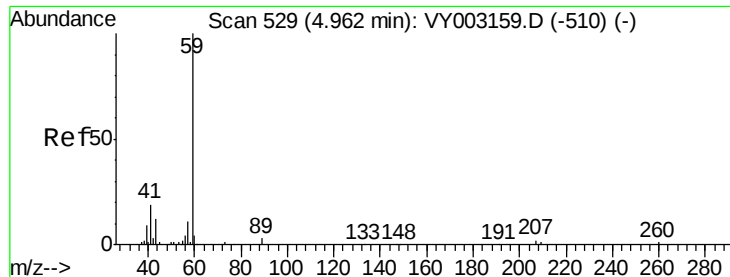


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

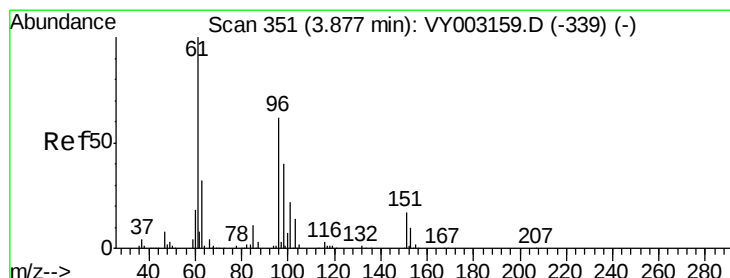
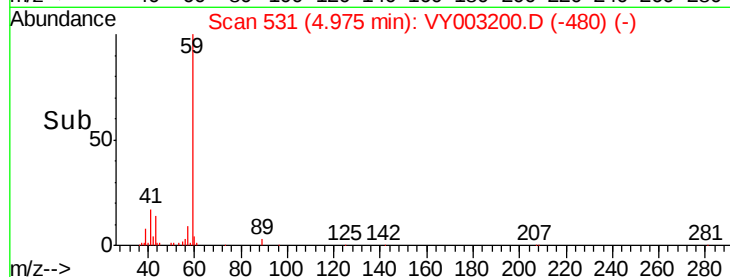
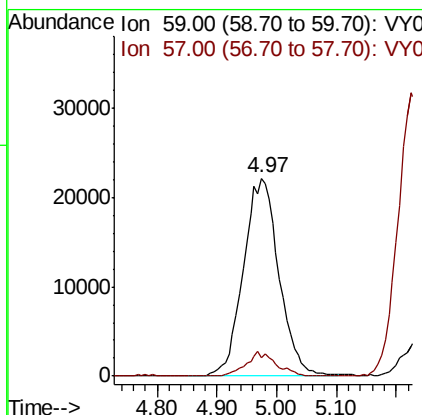
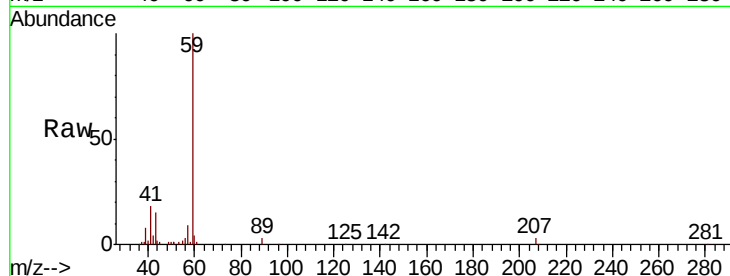




#11
Tert butyl alcohol
Concen: 218.547 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

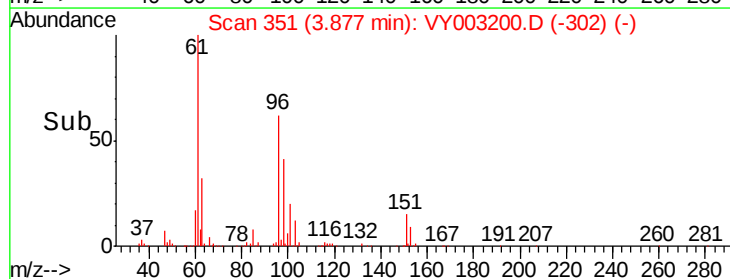
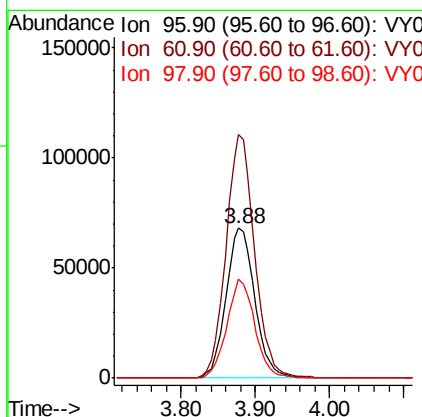
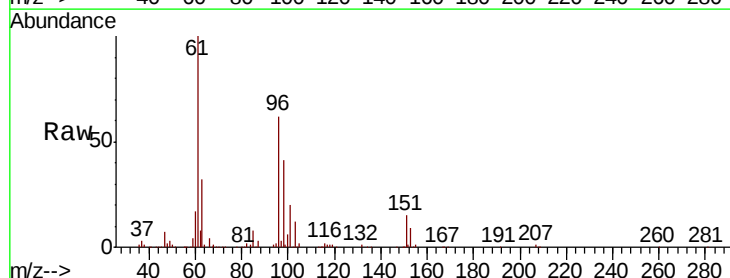
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

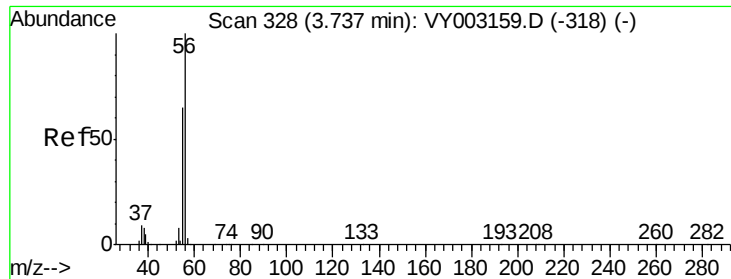
Tot Ion: 59 Resp: 91727
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6



#12
1,1-Dichloroethene
Concen: 48.302 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

Tgt Ion: 96 Resp: 184840
Ion Ratio Lower Upper
96 100
61 162.2 128.6 193.0
98 66.2 51.6 77.4

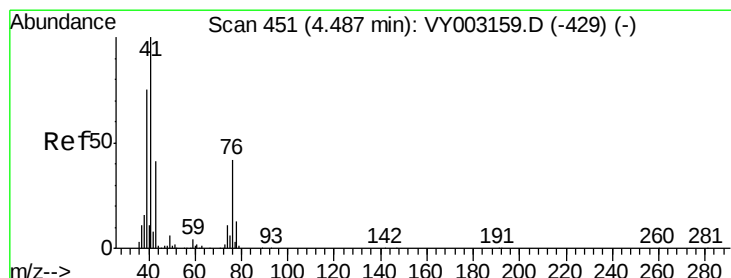
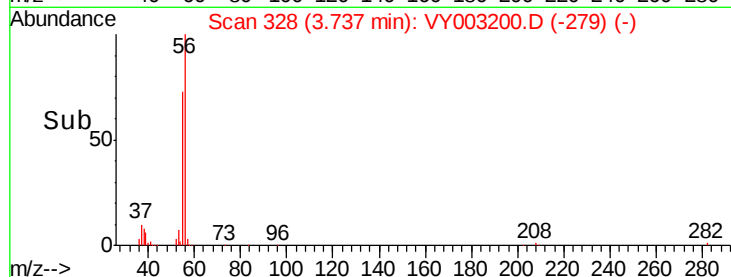
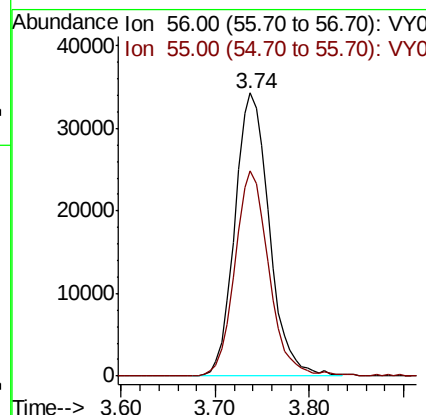
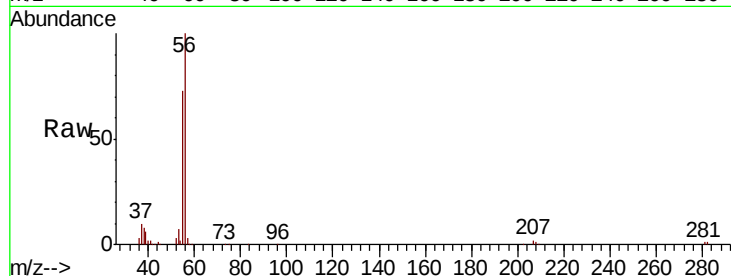




#13
 Acrolein
 Concen: 239.639 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

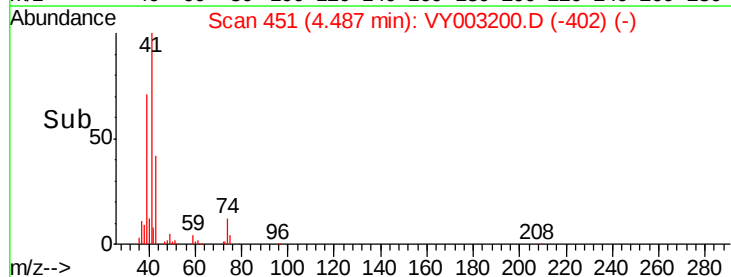
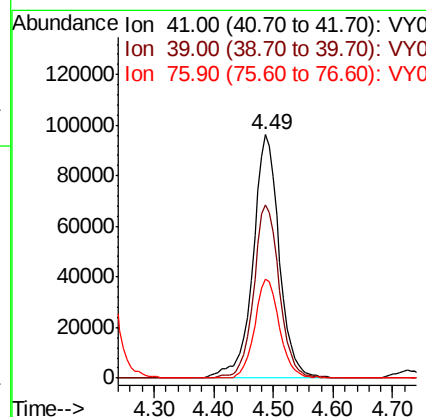
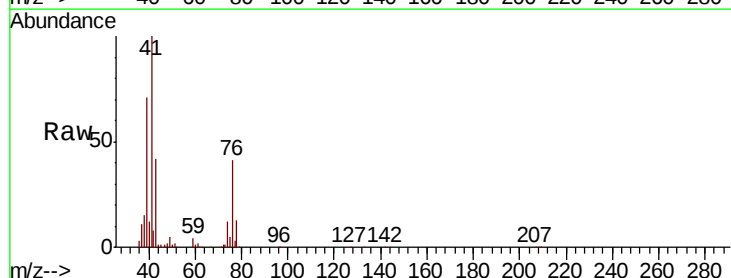
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

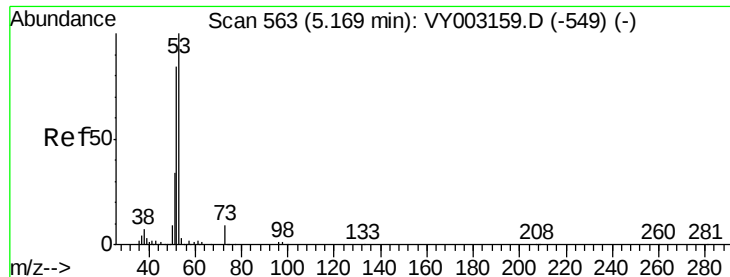
Tot Ion: 56 Resp: 87300
 Ion Ratio Lower Upper
 56 100
 55 72.0 56.0 84.0



#14
 Allyl chloride
 Concen: 51.677 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

Tgt Ion: 41 Resp: 293439
 Ion Ratio Lower Upper
 41 100
 39 70.1 56.6 85.0
 76 38.6 31.6 47.4





#15

Acrylonitrile

Concen: 243.244 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

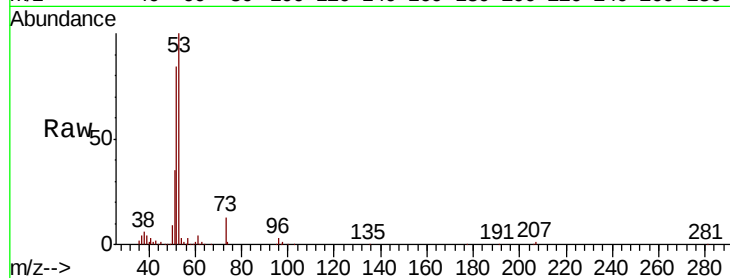
Tot Ion: 53 Resp: 262293

Ion Ratio Lower Upper

53 100

52 83.4 65.8 98.6

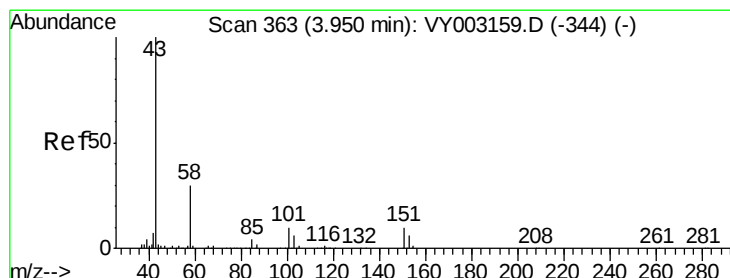
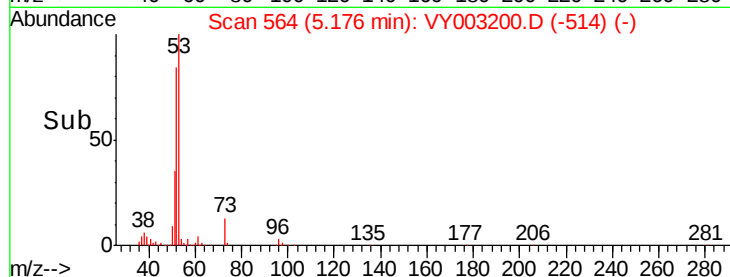
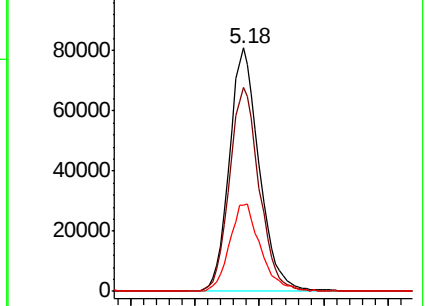
51 37.4 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY003159.D (-549) (-)

Ion 52.00 (51.70 to 52.70): VY003159.D (-549) (-)

Ion 51.00 (50.70 to 51.70): VY003159.D (-549) (-)



#16

Acetone

Concen: 248.499 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003200.D

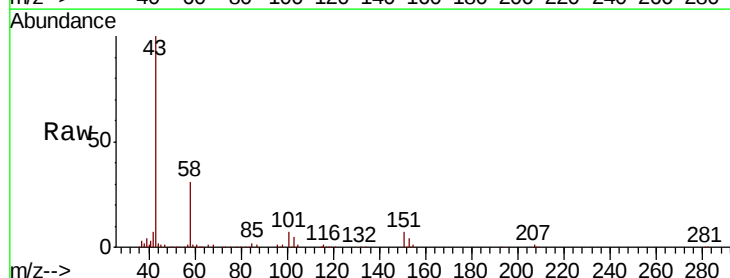
Acq: 14 Jul 2020 17:00

Tgt Ion: 43 Resp: 215451

Ion Ratio Lower Upper

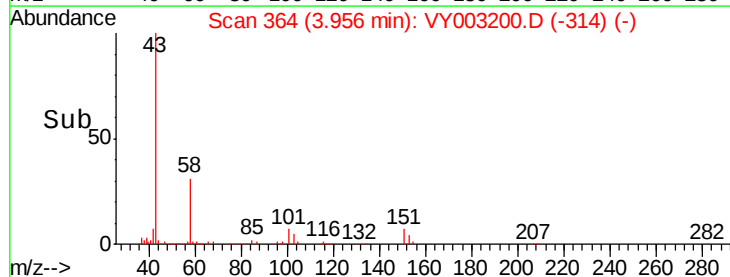
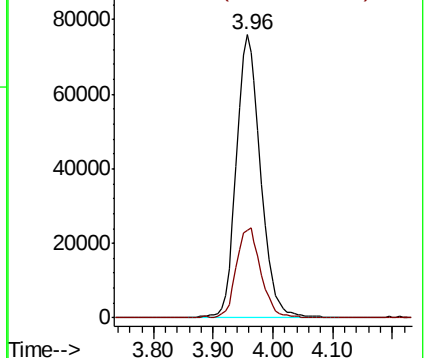
43 100

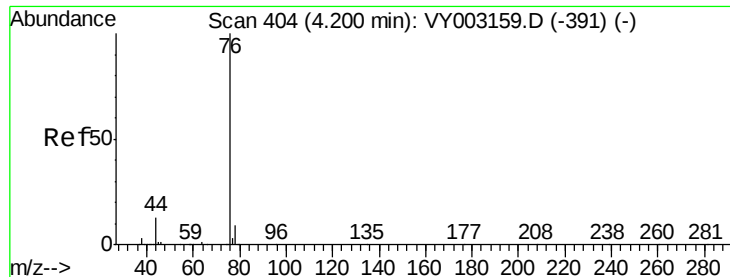
58 30.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-344) (-)

Ion 58.00 (57.70 to 58.70): VY003159.D (-344) (-)

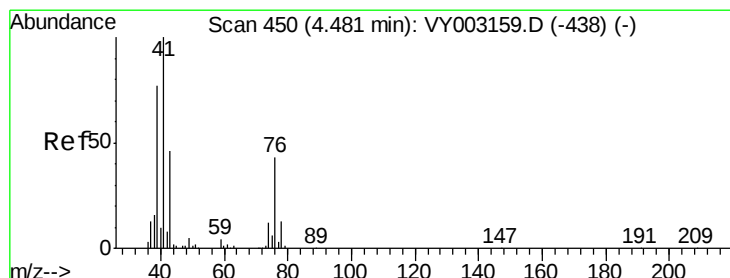
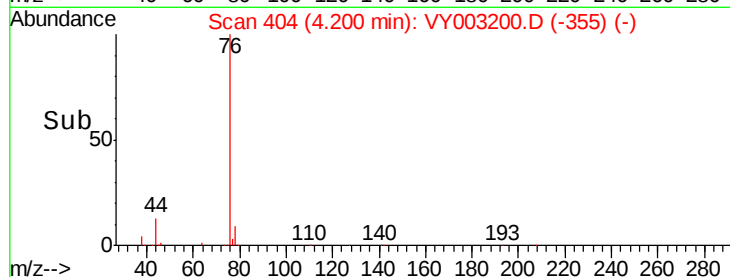
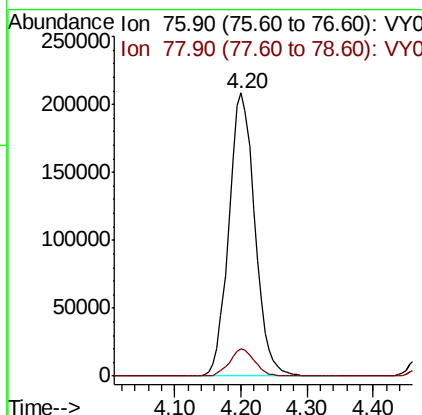
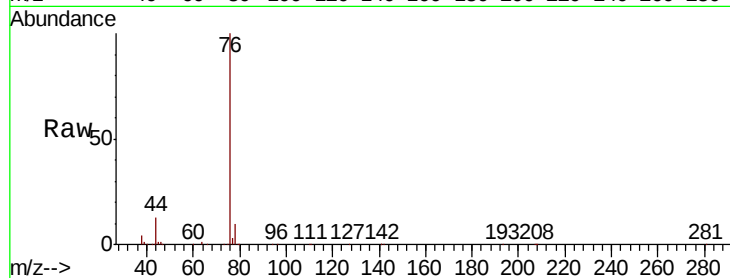




#17
Carbon Disulfide
Concen: 48.403 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

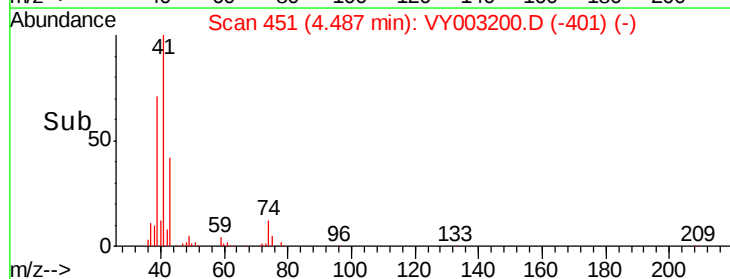
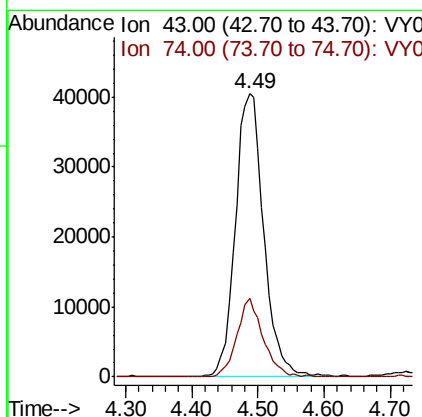
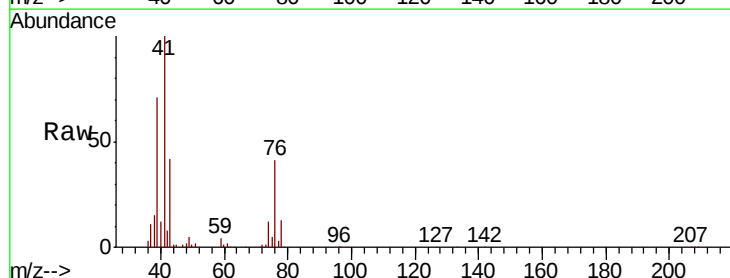
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

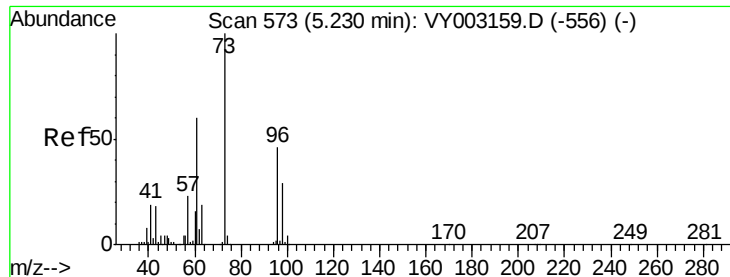
Tot Ion: 76 Resp: 568377
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 49.969 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

Tgt Ion: 43 Resp: 120315
Ion Ratio Lower Upper
43 100
74 25.4 20.8 31.2

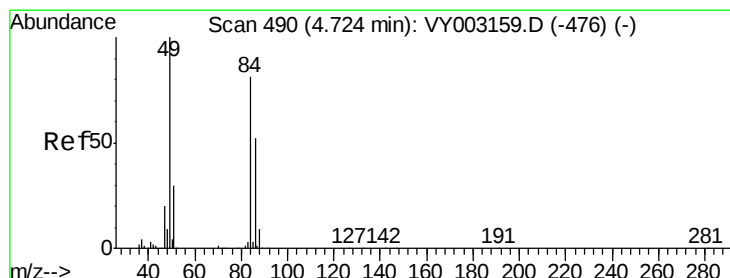
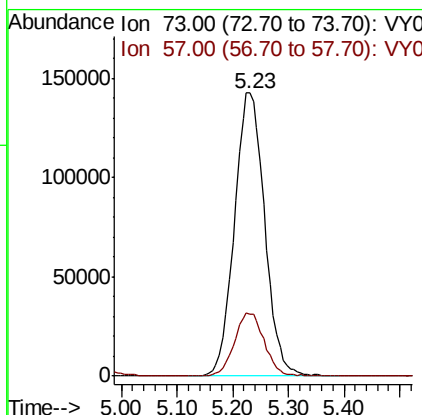
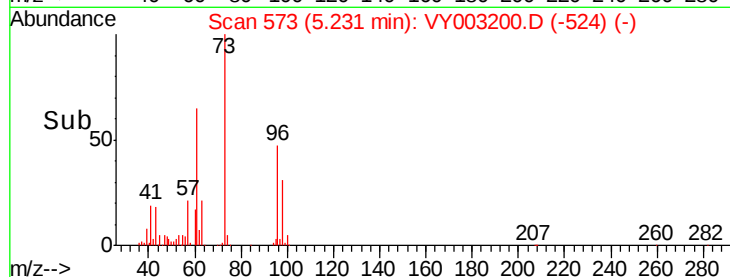
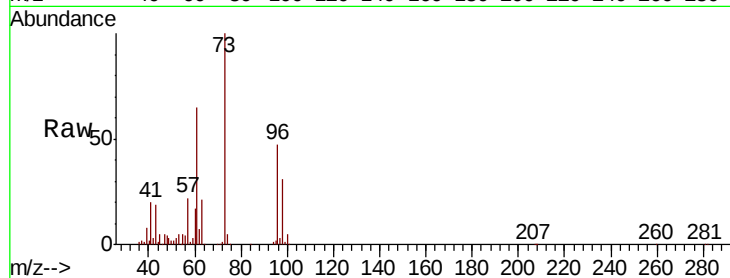




#19
Methvl tert-butvl Ether
Concen: 50.043 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

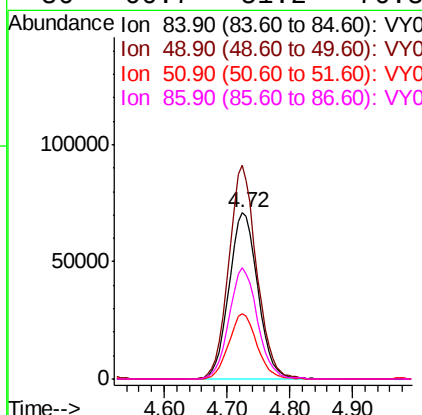
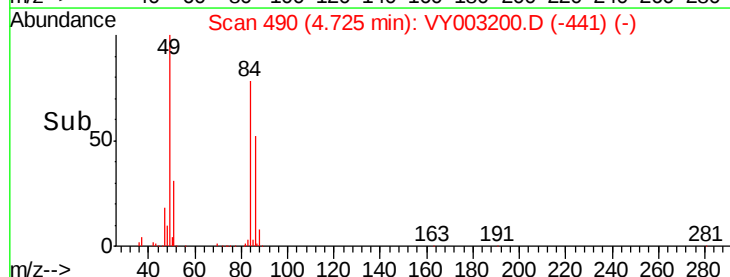
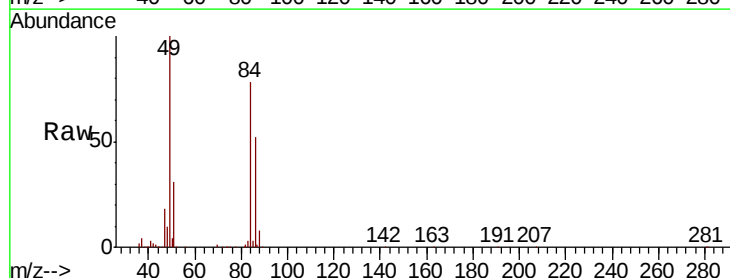
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

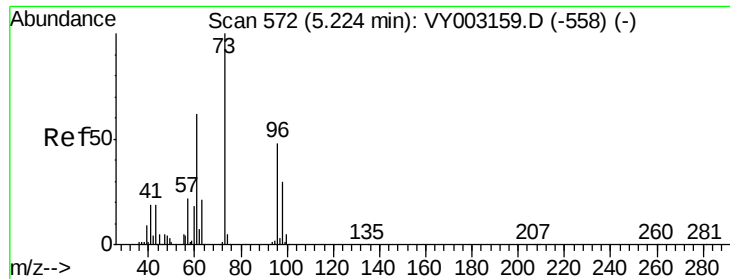
Tot Ion: 73 Resp: 536663
Ion Ratio Lower Upper
73 100
57 21.7 18.1 27.1



#20
Methylene Chloride
Concen: 51.999 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

Tgt Ion: 84 Resp: 225875
Ion Ratio Lower Upper
84 100
49 128.5 98.2 147.4
51 39.3 29.8 44.6
86 66.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 49.072 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

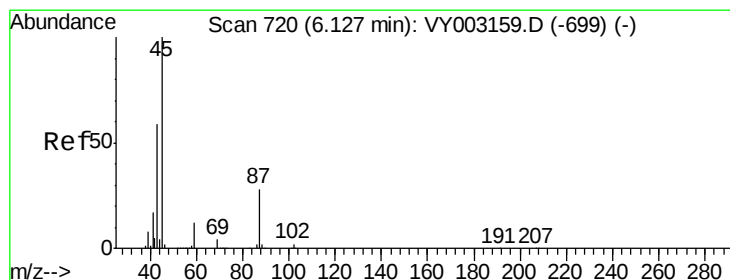
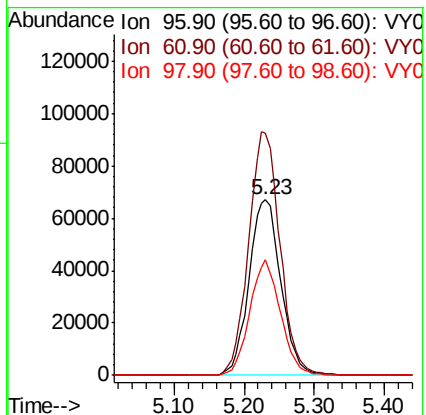
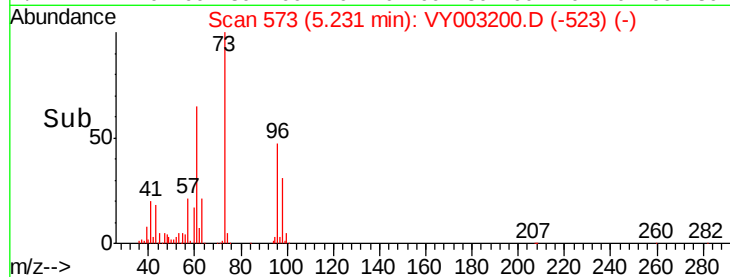
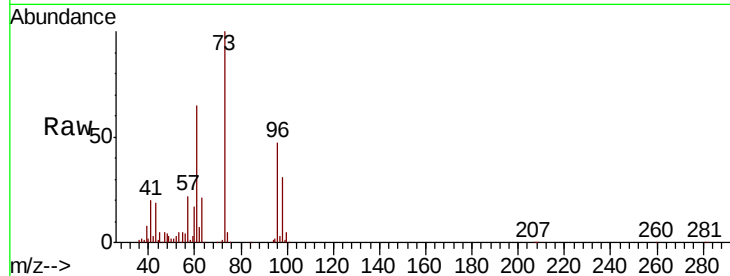
Tot Ion: 96 Resp: 212397

Ion Ratio Lower Upper

96 100

61 137.9 102.5 153.7

98 65.6 49.8 74.8



#22

Diisopropyl ether

Concen: 52.936 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Tgt Ion: 45 Resp: 667114

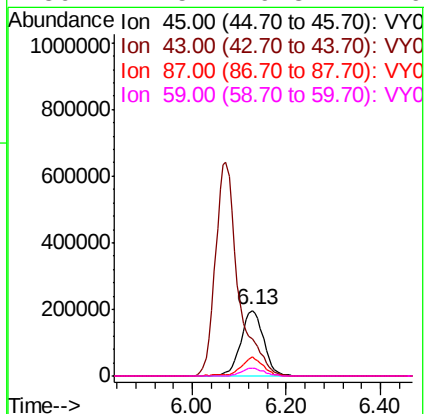
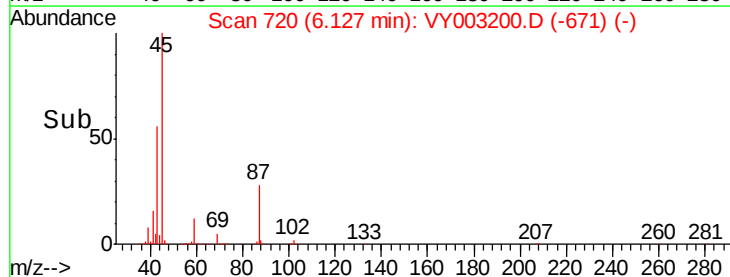
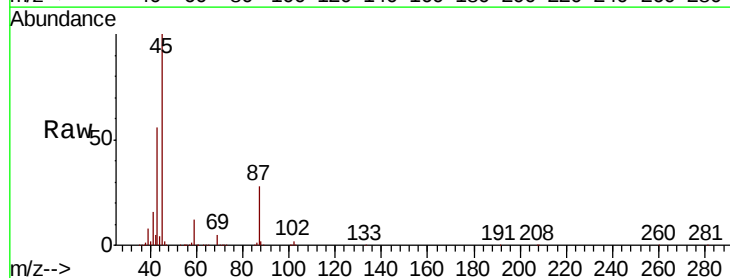
Ion Ratio Lower Upper

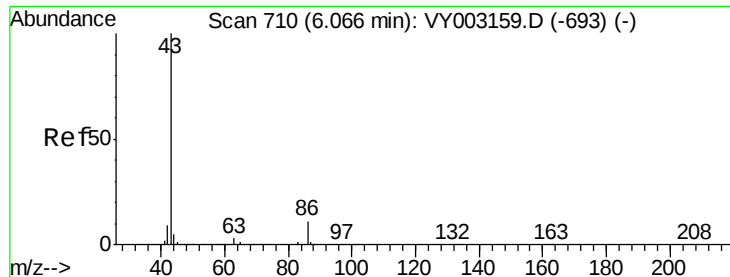
45 100

43 56.4 47.0 70.4

87 28.4 22.6 33.8

59 12.5 9.8 14.6





#23

Vinyl Acetate

Concen: 257.248 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

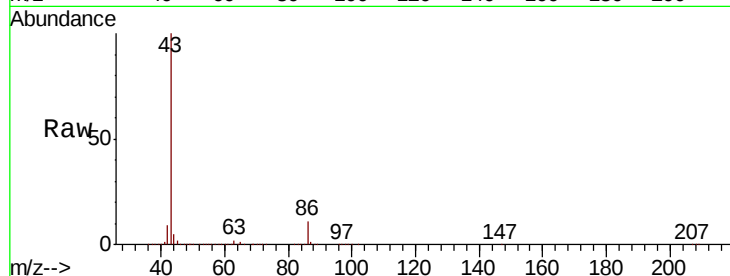
VSTDCCC050EC

Tot Ion: 43 Resp: 2160800

Ion Ratio Lower Upper

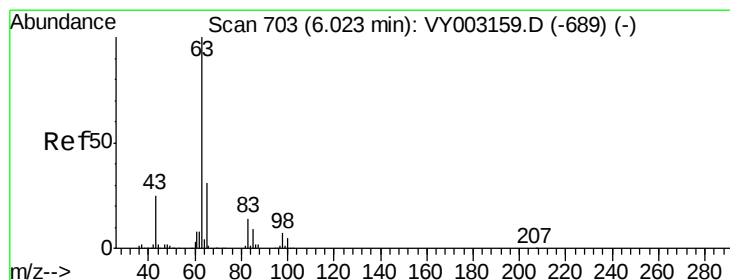
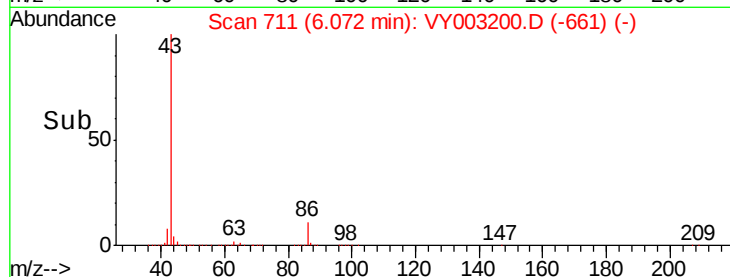
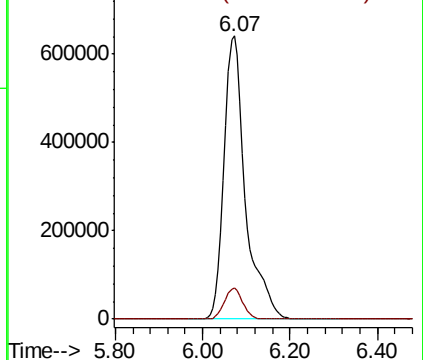
43 100

86 11.0 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: 50.828 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

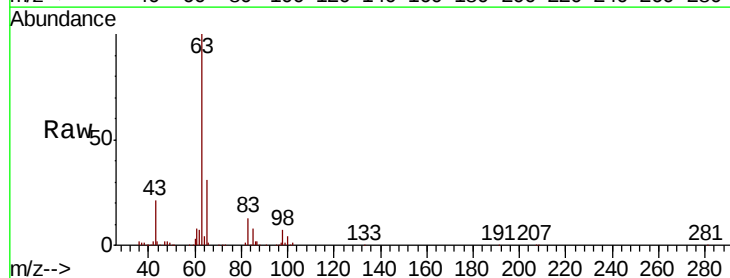
Tgt Ion: 63 Resp: 371099

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

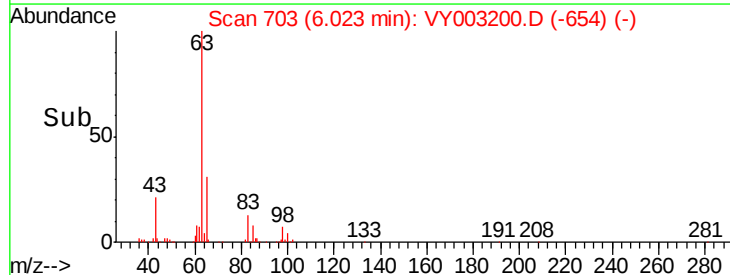
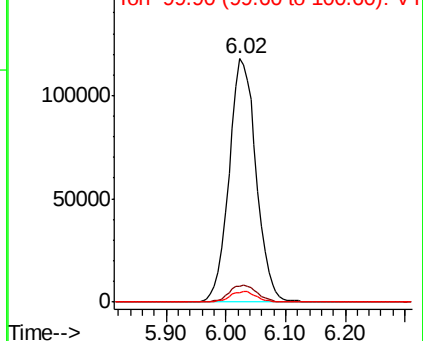
100 3.9 2.4 7.2

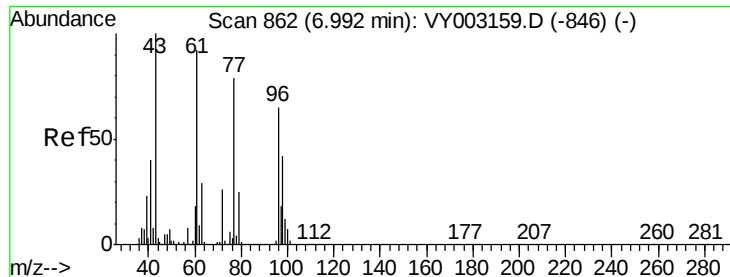


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 252.082 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

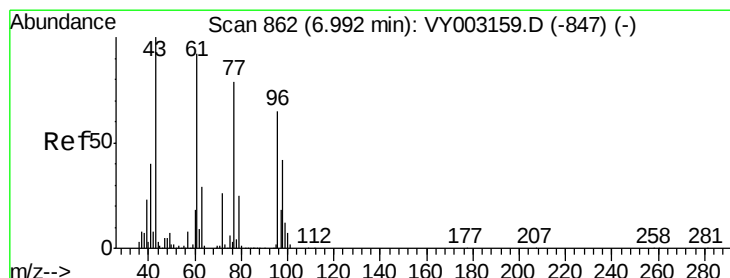
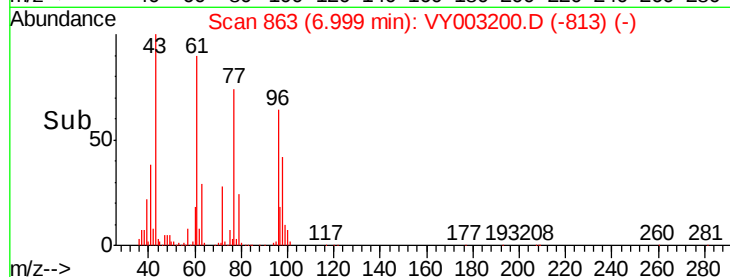
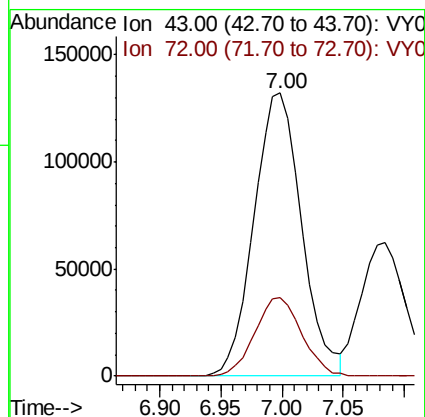
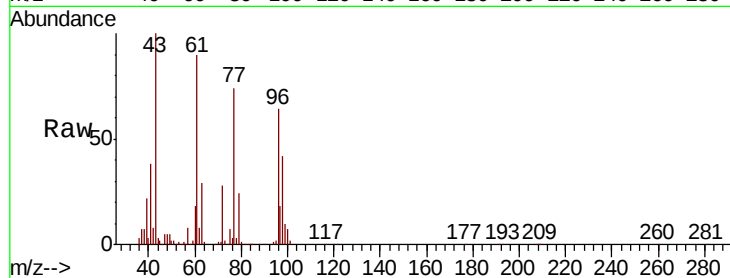
VSTDCCC050EC

Tot Ion: 43 Resp: 358851

Ion Ratio Lower Upper

43 100

72 27.7 20.9 31.3



#26

2,2-Dichloropropane

Concen: 49.480 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003200.D

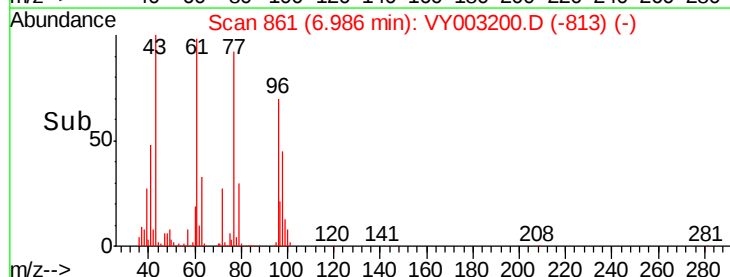
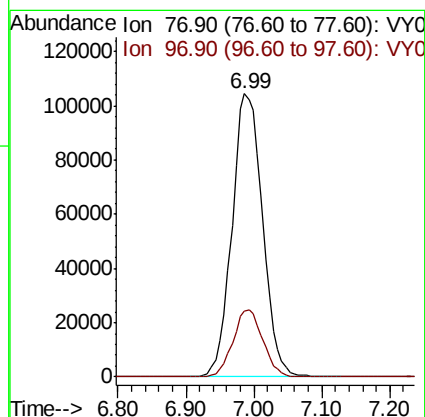
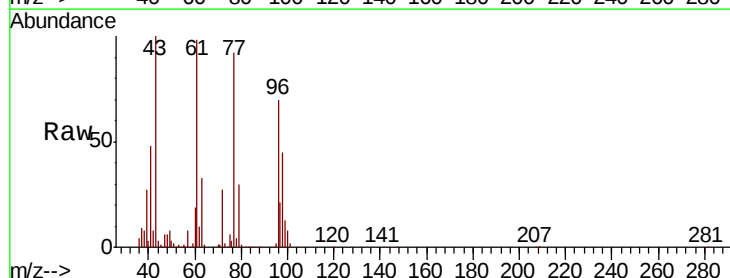
Acq: 14 Jul 2020 17:00

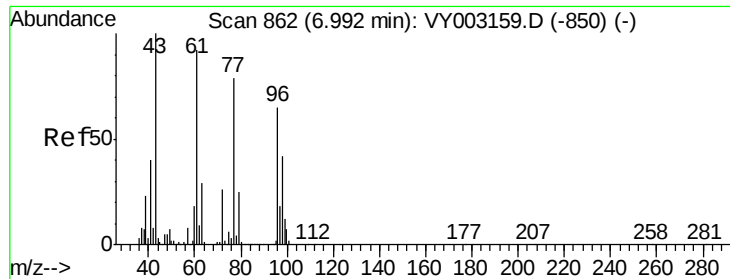
Tgt Ion: 77 Resp: 325336

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7



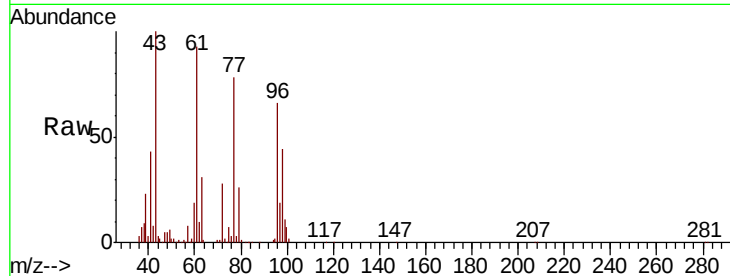


#27

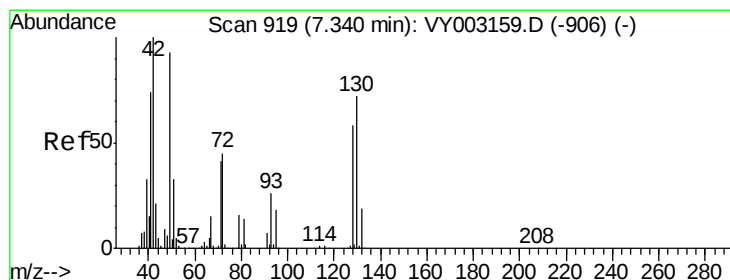
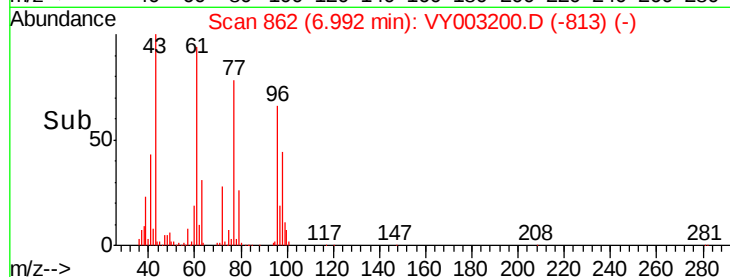
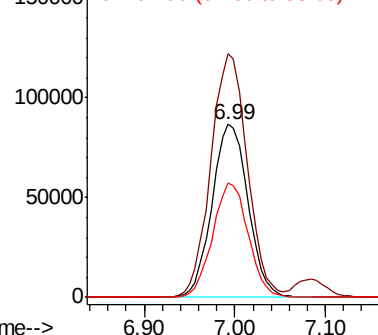
cis-1,2-Dichloroethene
Concen: 50.072 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	281.2
98	65.1	0.0	129.8



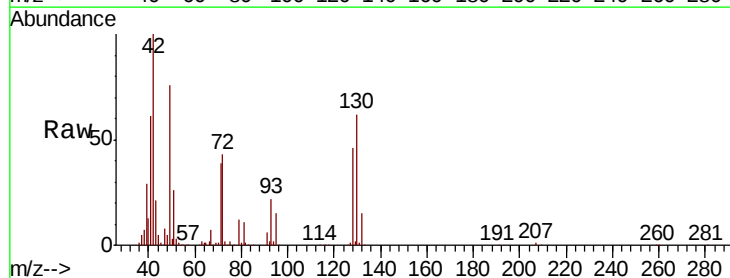
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



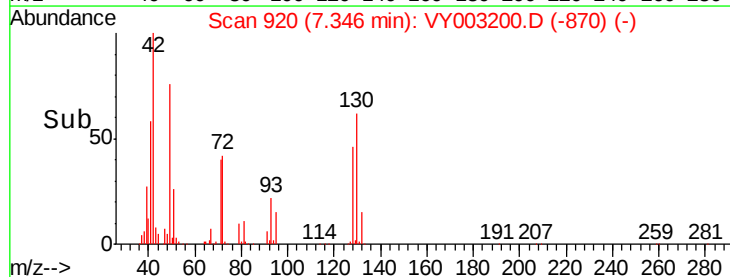
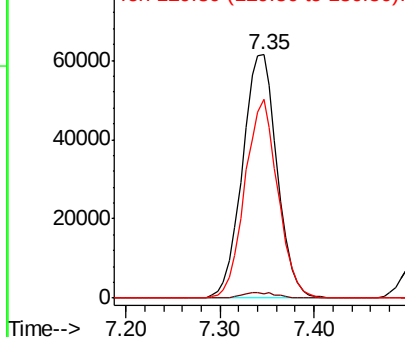
#28

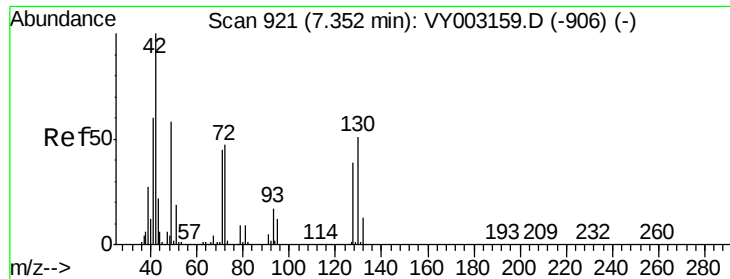
Bromochloromethane
Concen: 50.187 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	77.7	64.9	97.3



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 249.063 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

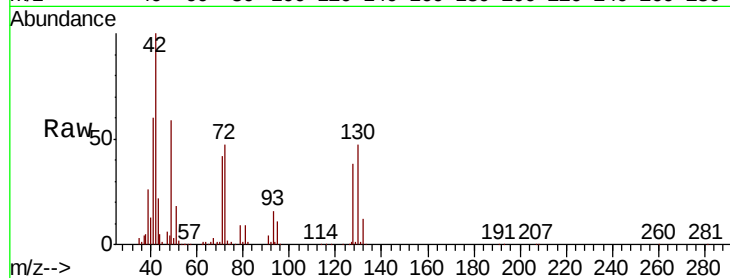
Tot Ion: 42 Resp: 238183

Ion Ratio Lower Upper

42 100

72 44.7 36.7 55.1

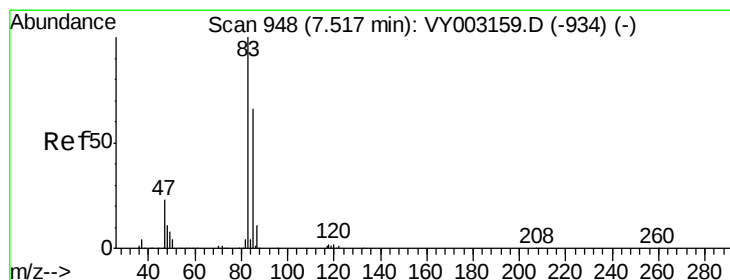
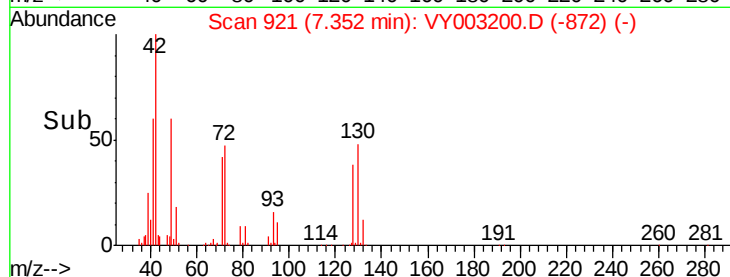
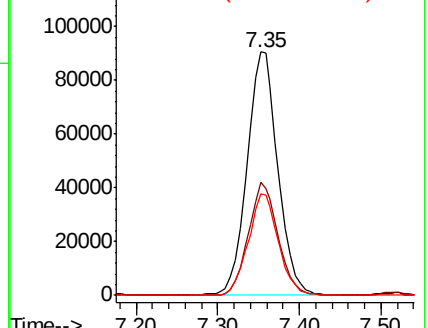
71 40.9 34.2 51.4



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: 50.364 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY003200.D

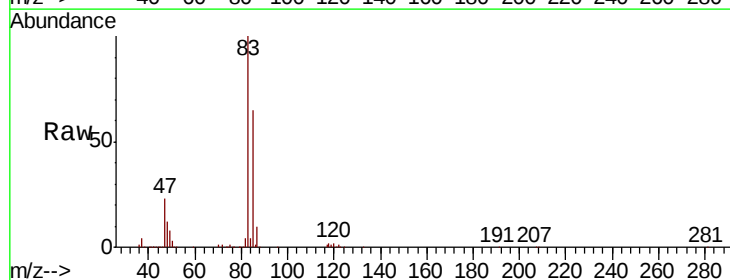
Acq: 14 Jul 2020 17:00

Tgt Ion: 83 Resp: 378722

Ion Ratio Lower Upper

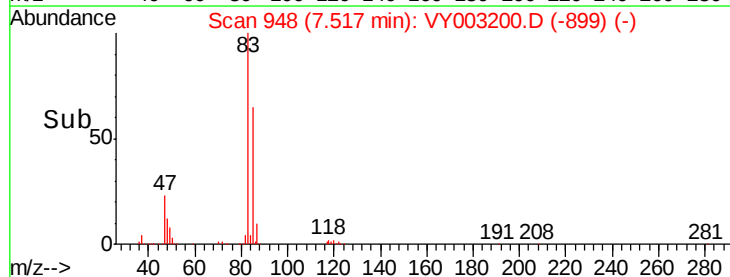
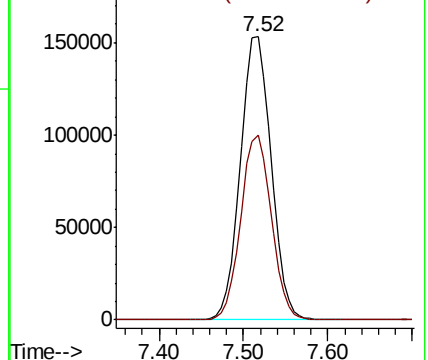
83 100

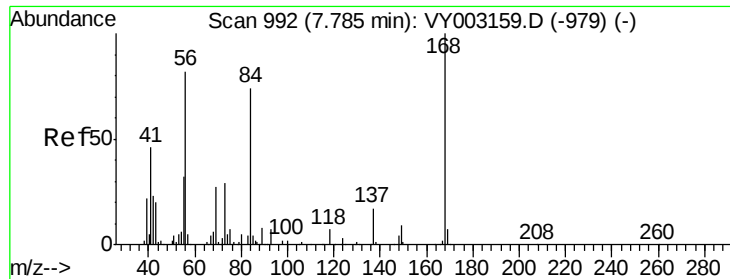
85 65.3 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

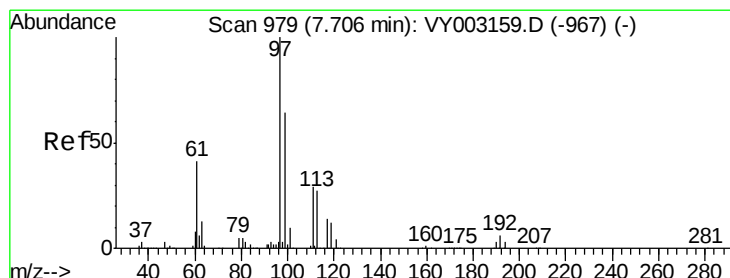
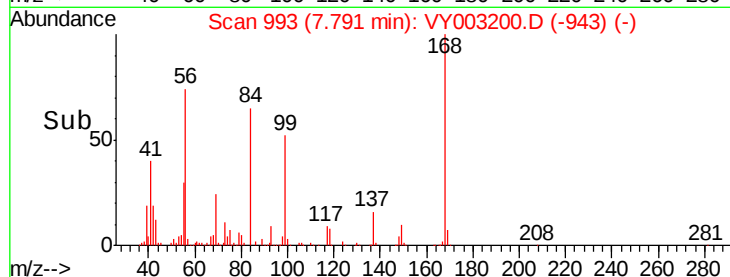
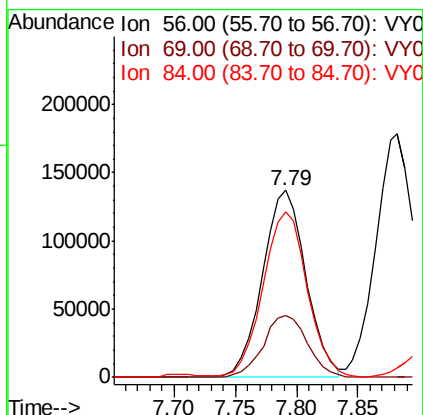
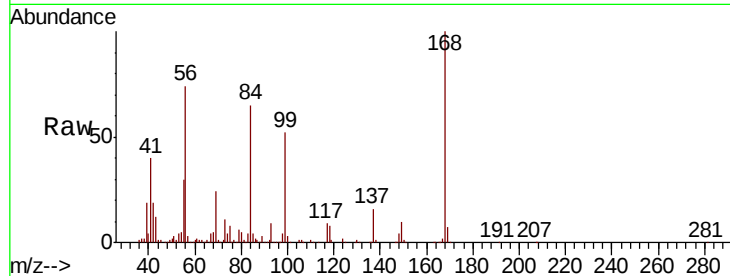




#31
Cyclohexane
Concen: 47.952 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

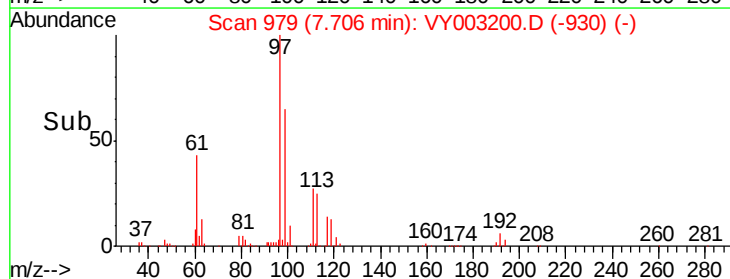
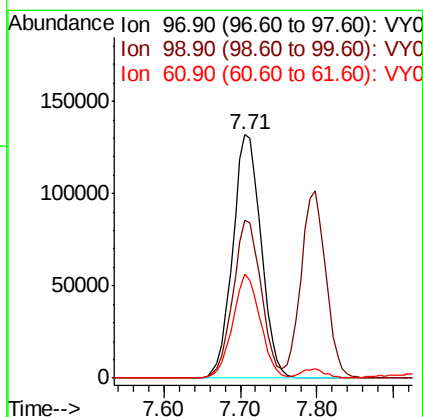
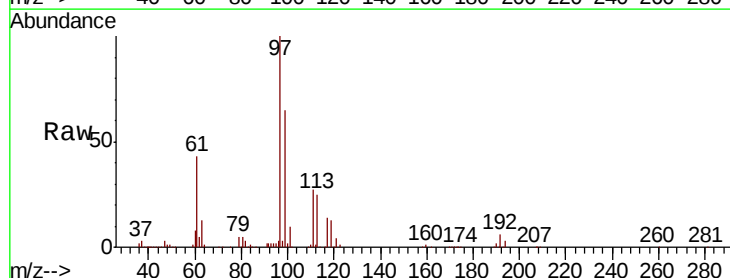
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

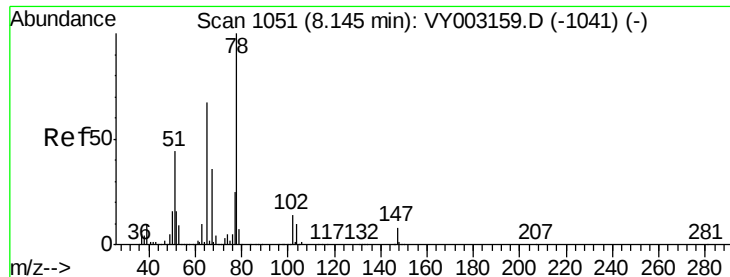
Tot Ion: 56 Resp: 338542
Ion Ratio Lower Upper
56 100
69 33.2 26.7 40.1
84 87.5 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 50.087 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

Tgt Ion: 97 Resp: 339072
Ion Ratio Lower Upper
97 100
99 64.4 52.1 78.1
61 41.6 33.9 50.9

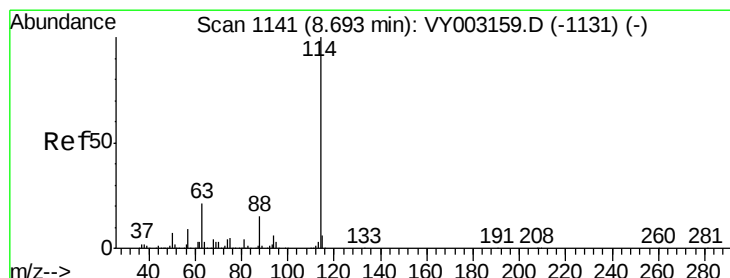
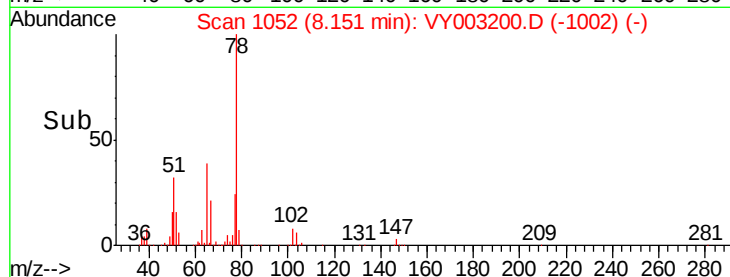
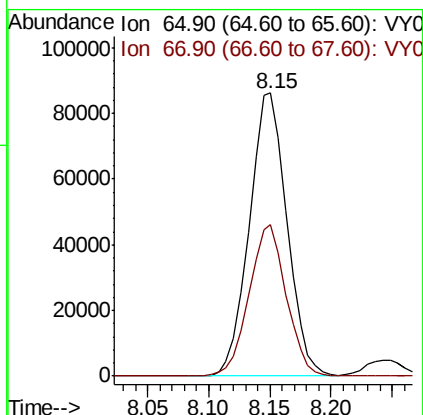
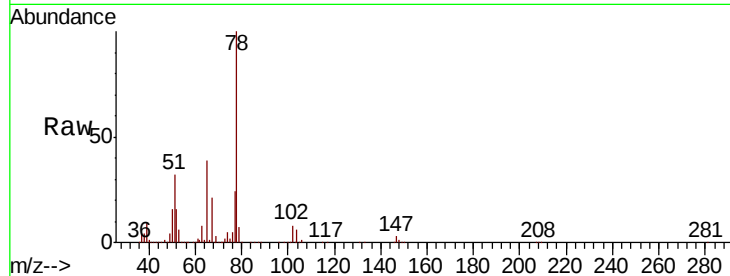




#33
 1,2-Dichloroethane-d4
 Concen: 47.681 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

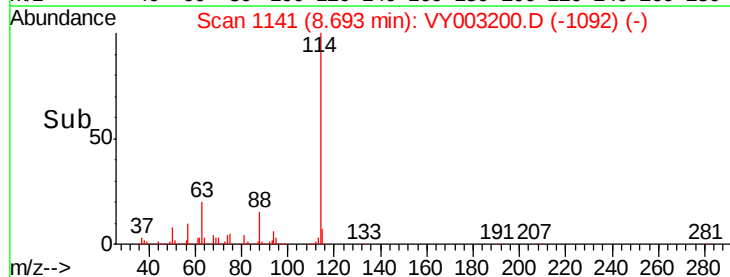
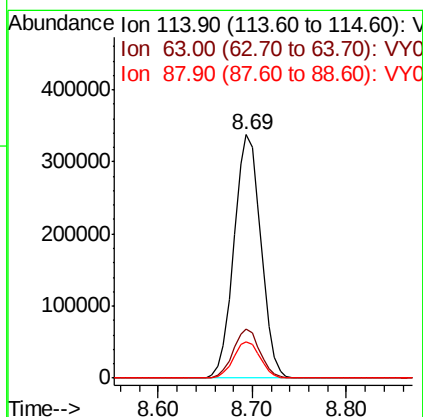
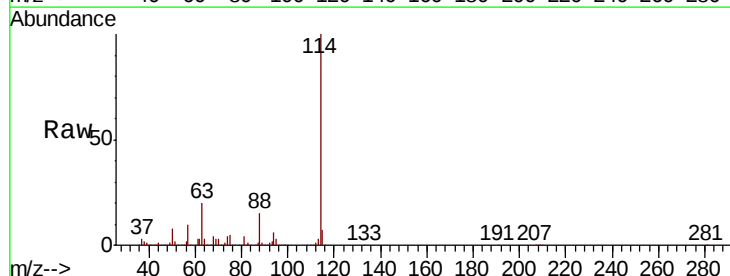
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

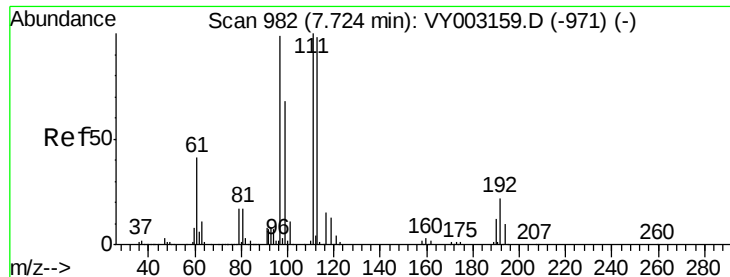
Tot Ion: 65 Resp: 185074
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

Tgt Ion: 114 Resp: 670383
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.2
 88 15.1 0.0 30.2

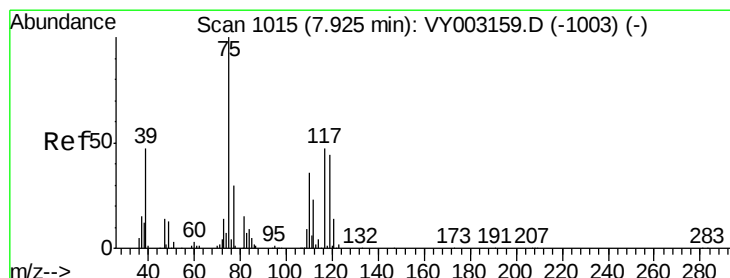
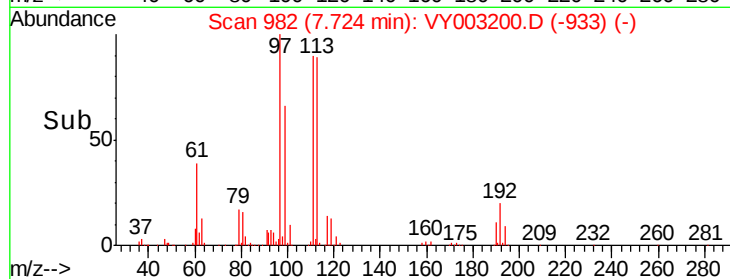
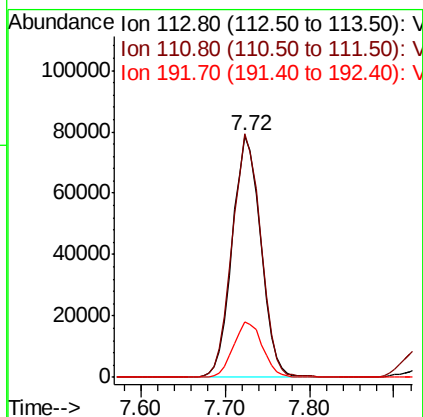
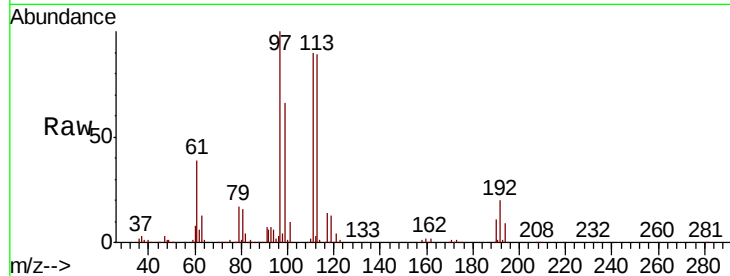




#35
 Dibromofluoromethane
 Concen: 46.817 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

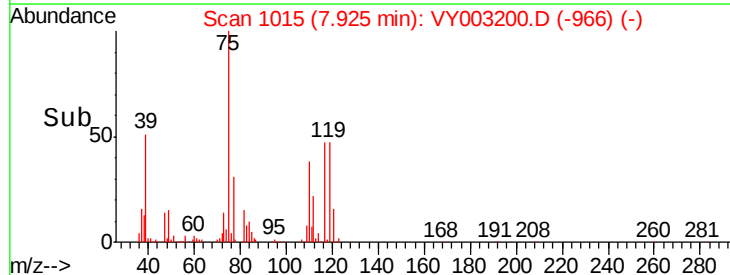
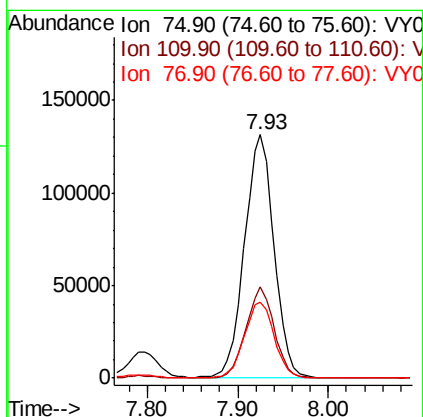
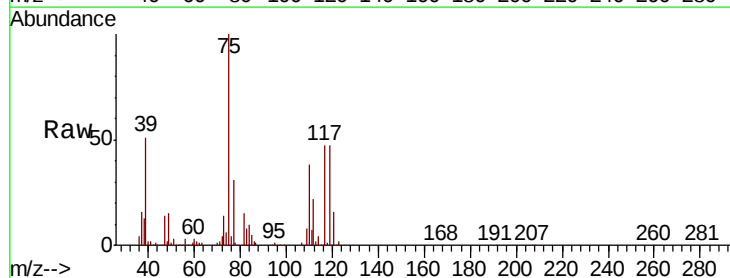
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

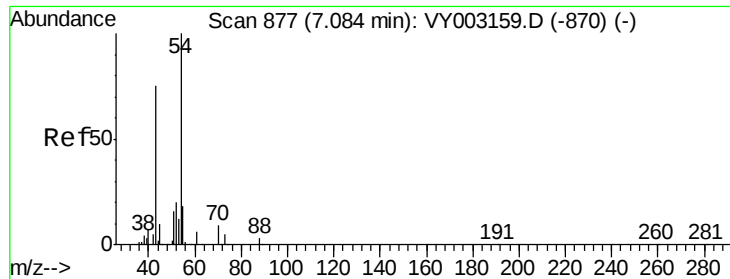
Tot Ion:113 Resp: 180614
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.1 123.1
 192 23.3 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 48.739 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

Tgt Ion: 75 Resp: 296133
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.1 54.1
 77 31.8 24.8 37.2

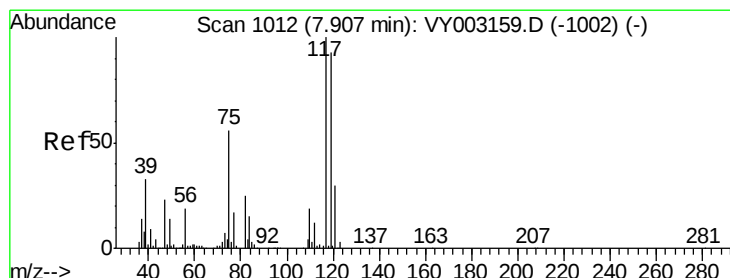
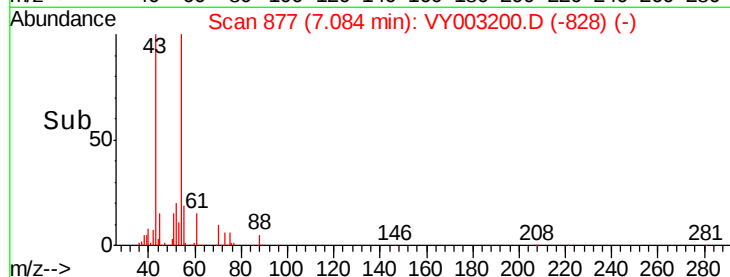
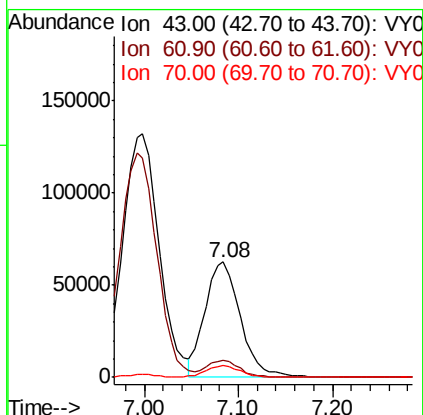
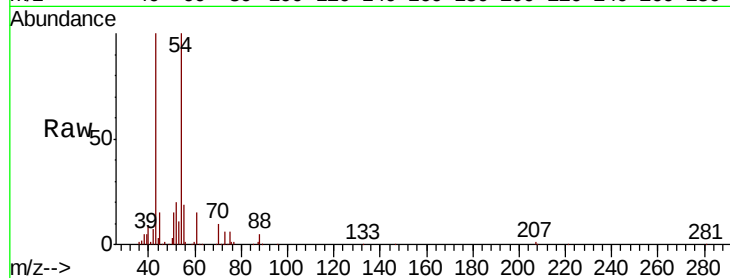




#37
Ethyl Acetate
Concen: 49.761 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

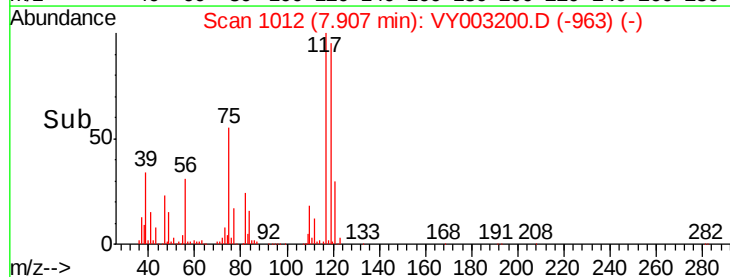
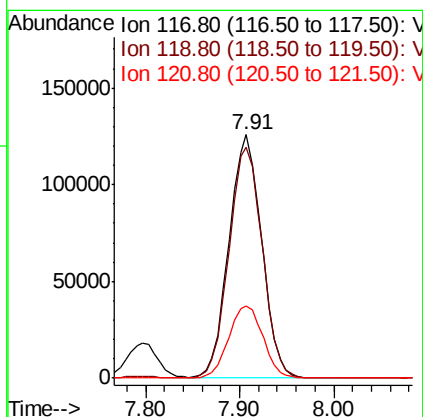
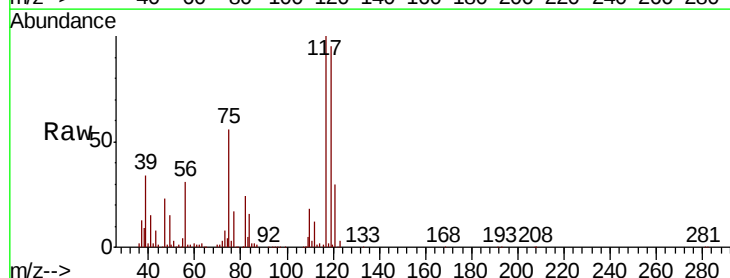
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

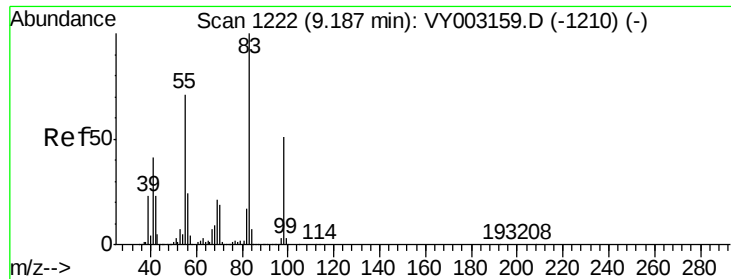
Tot Ion: 43 Resp: 162821
Ion Ratio Lower Upper
43 100
61 13.8 11.8 17.6
70 10.3 8.6 13.0



#38
Carbon Tetrachloride
Concen: 48.530 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

Tgt Ion: 117 Resp: 304400
Ion Ratio Lower Upper
117 100
119 95.0 74.5 111.7
121 29.8 24.2 36.2

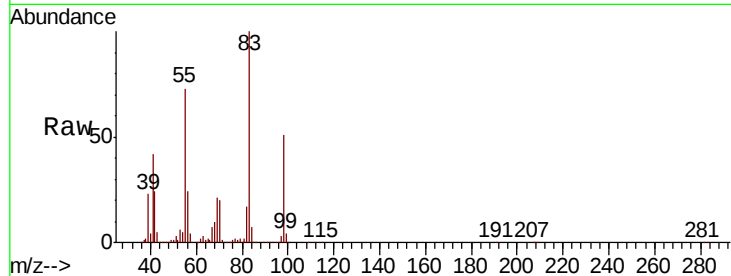




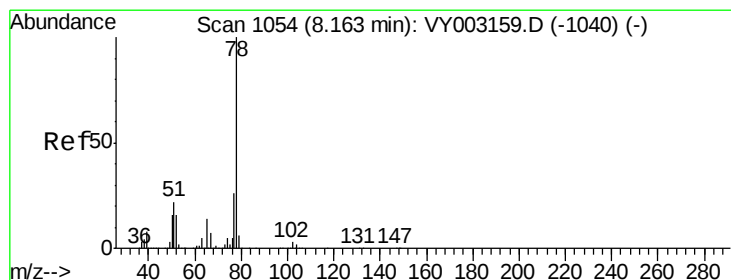
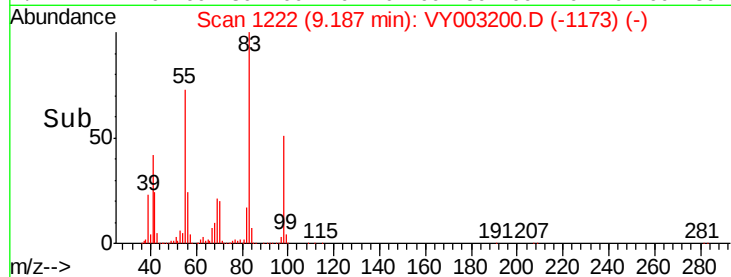
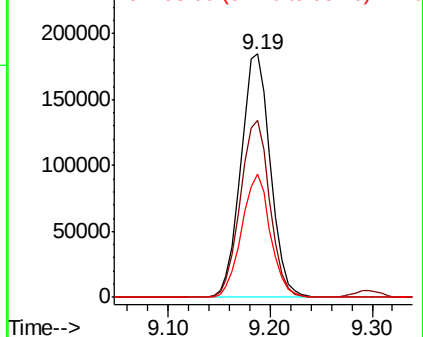
#39
Methvlcvclohexane
Concen: 48.804 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 372505
Ion Ratio Lower Upper
83 100
55 72.8 57.2 85.8
98 50.7 41.0 61.6

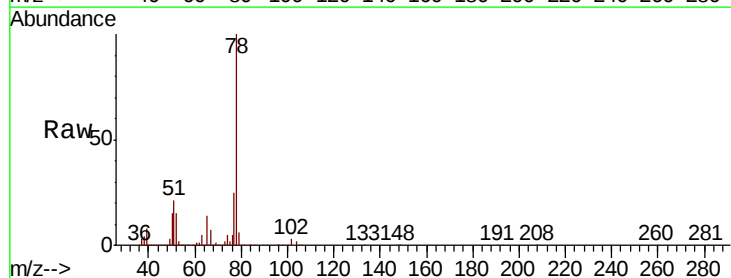


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

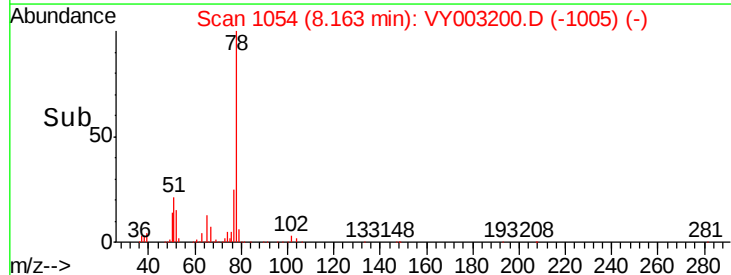
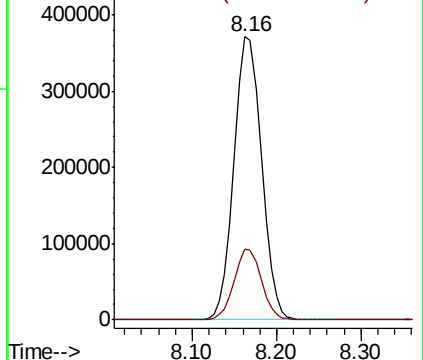


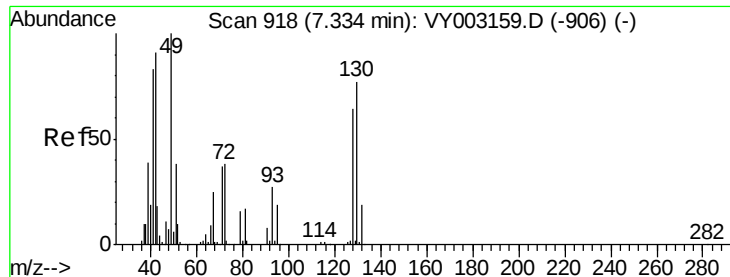
#40
Benzene
Concen: 49.358 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

Tgt Ion: 78 Resp: 825760
Ion Ratio Lower Upper
78 100
77 25.0 20.7 31.1



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 110.802 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 218354

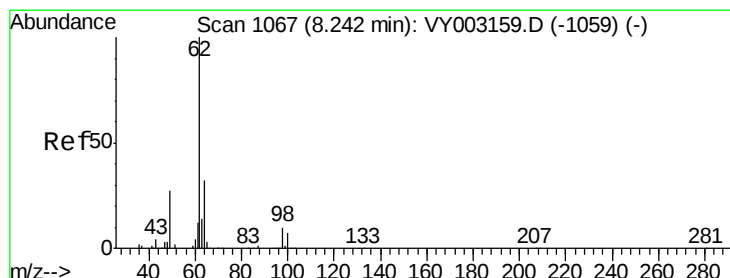
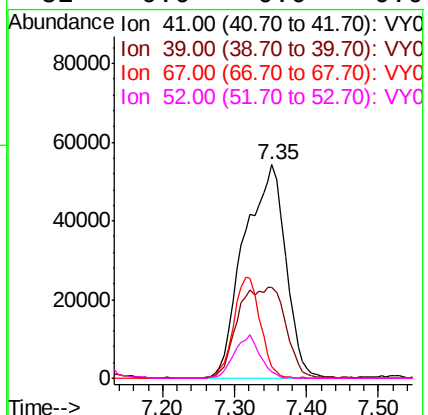
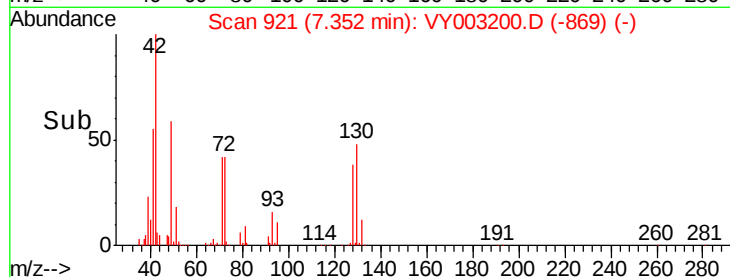
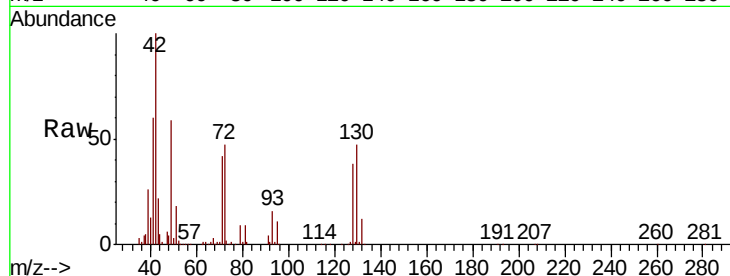
Ion Ratio Lower Upper

41 100

39 0.0 83.3 124.9#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



#42

1,2-Dichloroethane

Concen: 49.012 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY003200.D

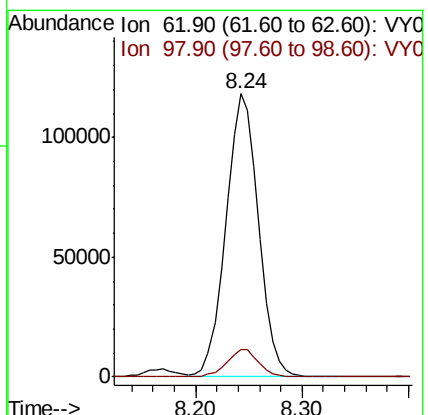
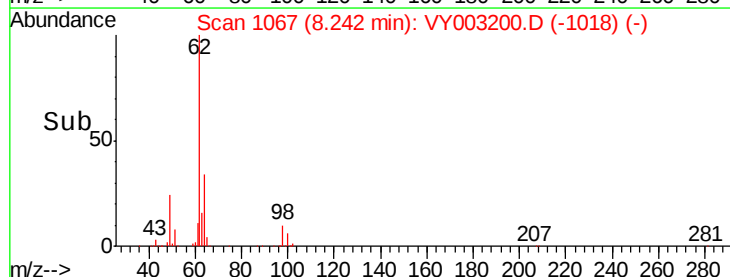
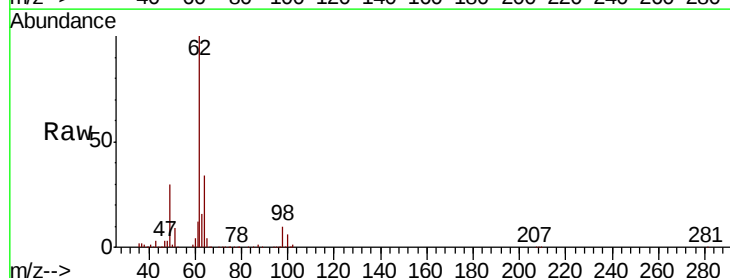
Acq: 14 Jul 2020 17:00

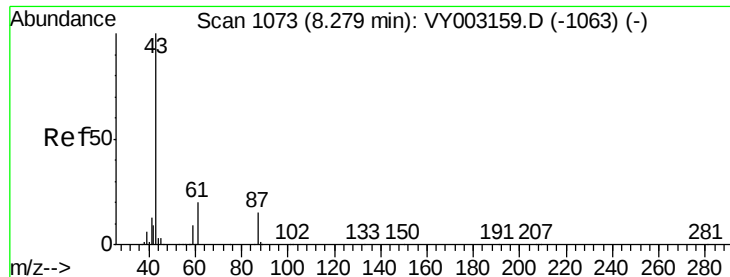
Tgt Ion: 62 Resp: 252434

Ion Ratio Lower Upper

62 100

98 9.6 0.0 19.0





#43

Isopropyl Acetate

Concen: 50.106 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

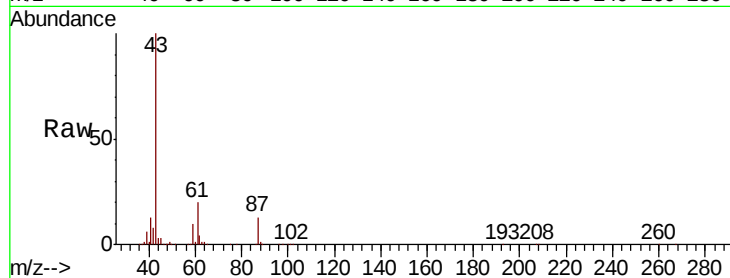
Tot Ion: 43 Resp: 317343

Ion Ratio Lower Upper

43 100

61 29.3 23.7 35.5

87 13.6 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VY003200.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003200.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003200.D (-1024) (-)

8.28

150000

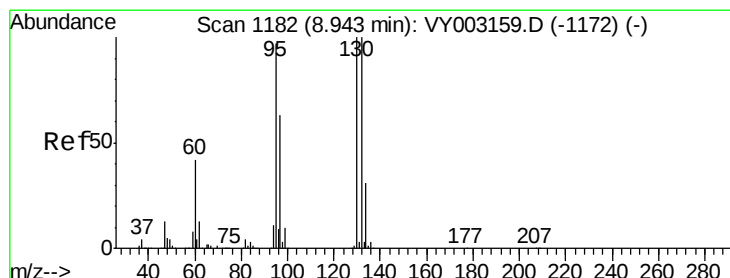
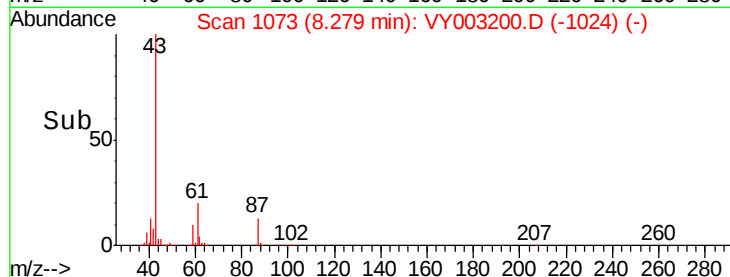
100000

50000

0

8.20 8.30 8.40

Time-->



#44

Trichloroethene

Concen: 47.467 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003200.D

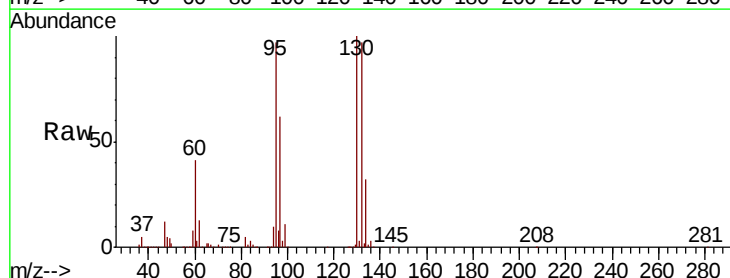
Acq: 14 Jul 2020 17:00

Tgt Ion: 130 Resp: 243439

Ion Ratio Lower Upper

130 100

95 97.1 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VY003200.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003200.D (-1133) (-)

8.94

150000

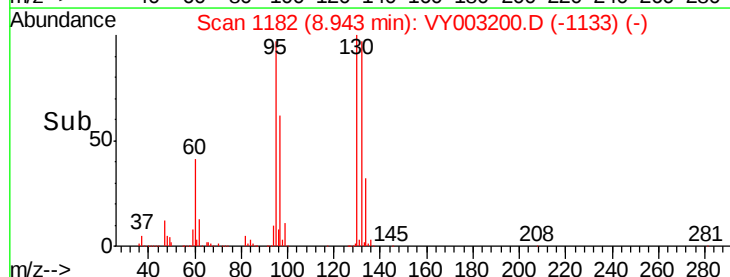
100000

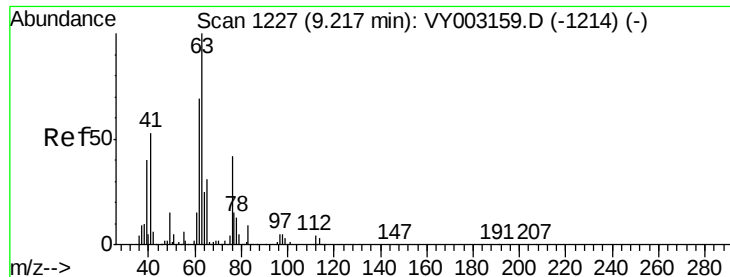
50000

0

8.90 9.00

Time-->





#45

1,2-Dichloropropane

Concen: 50.383 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

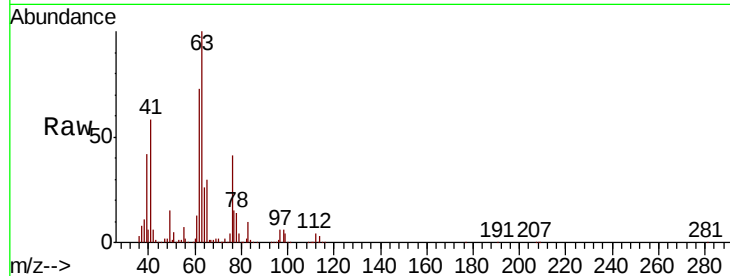
VSTDCCC050EC

Tot Ion: 63 Resp: 218105

Ion Ratio Lower Upper

63 100

65 30.3 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

120000

100000

80000

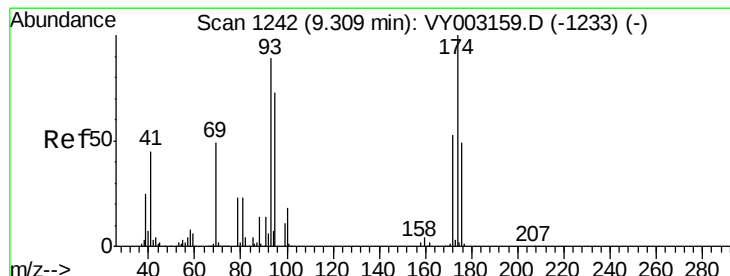
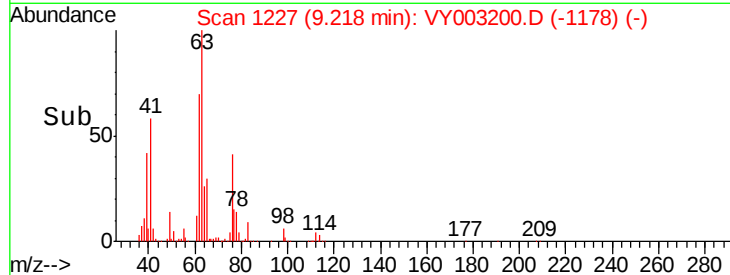
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 48.671 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

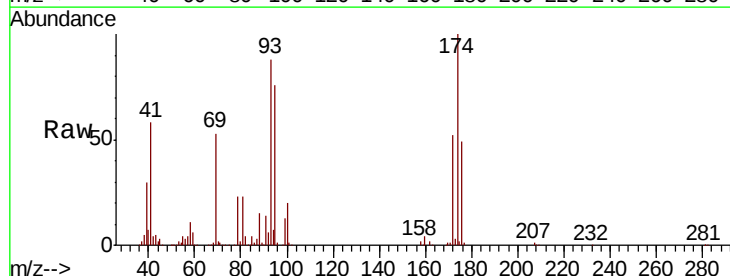
Tgt Ion: 93 Resp: 123059

Ion Ratio Lower Upper

93 100

95 83.5 66.6 99.8

174 112.5 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

100000

80000

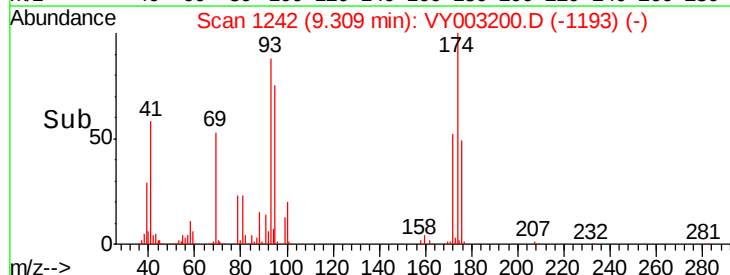
60000

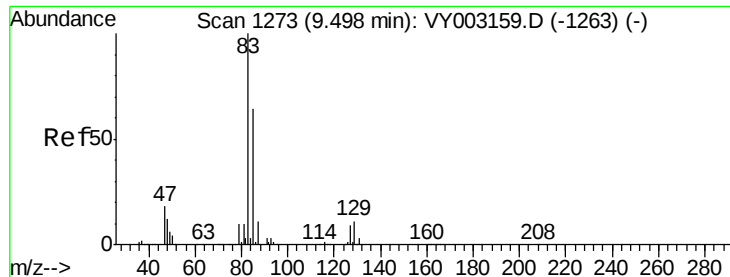
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 49.908 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

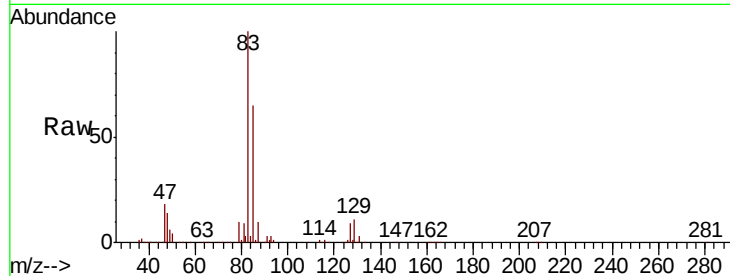
Tot Ion: 83 Resp: 300113

Ion Ratio Lower Upper

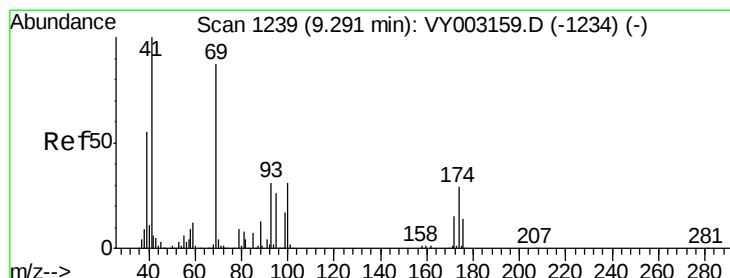
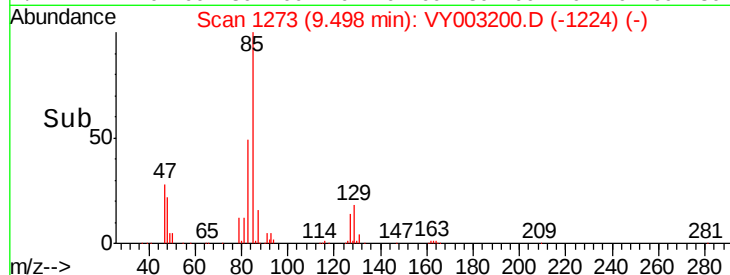
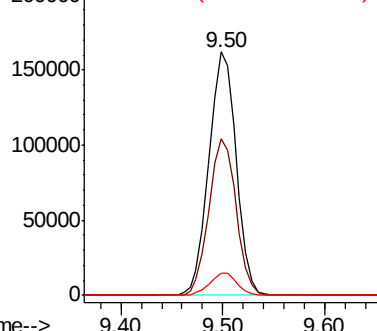
83 100

85 64.5 50.9 76.3

127 9.1 7.0 10.4



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



#48

Methyl methacrylate

Concen: 50.488 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

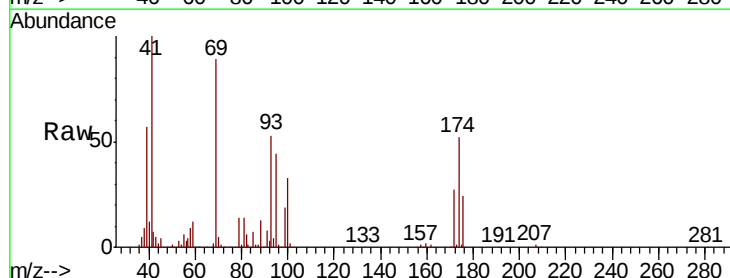
Tgt Ion: 41 Resp: 142952

Ion Ratio Lower Upper

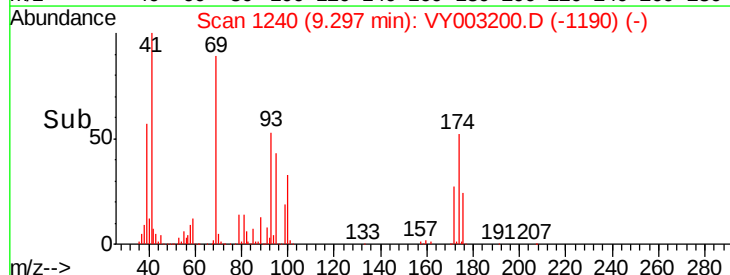
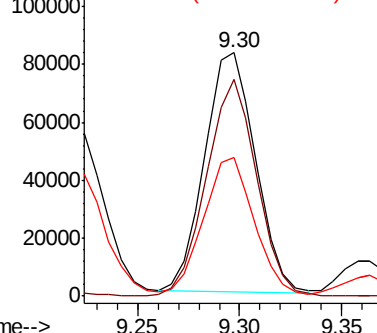
41 100

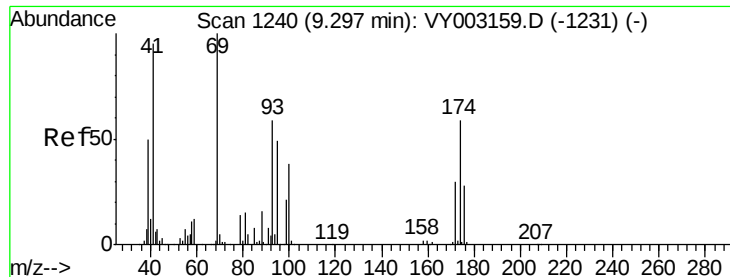
69 89.7 74.5 111.7

39 58.6 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

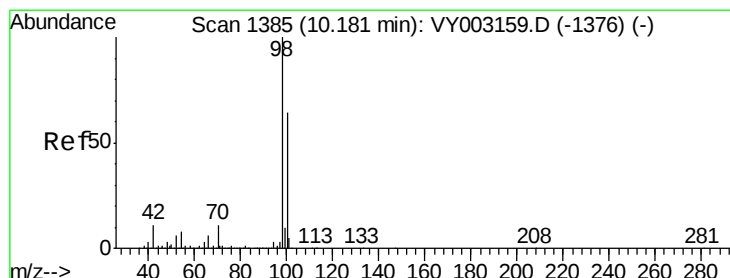
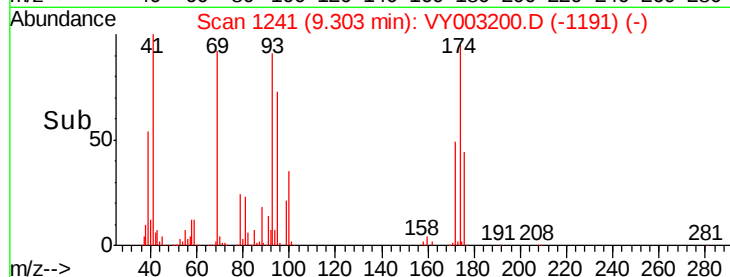
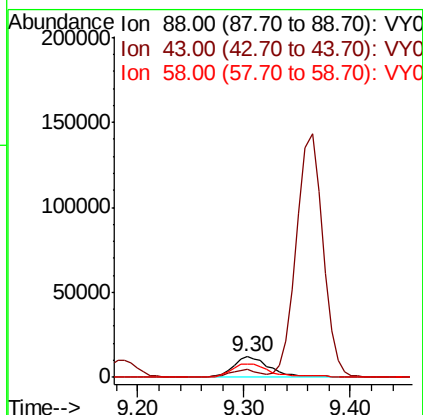
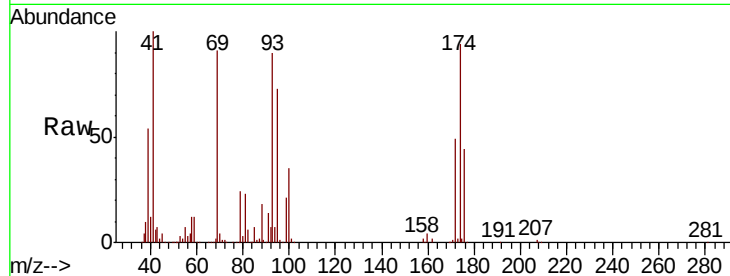




#49
1,4-Dioxane
Concen: 943.279 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

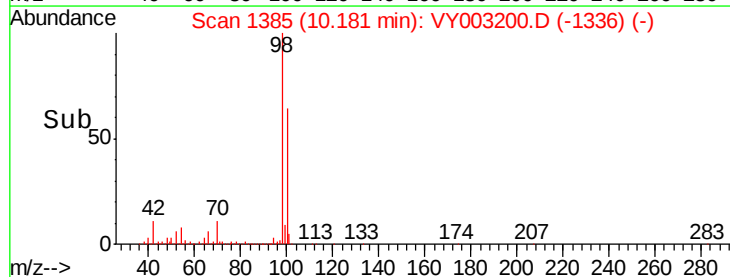
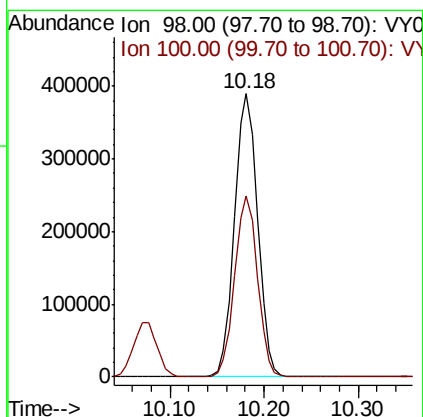
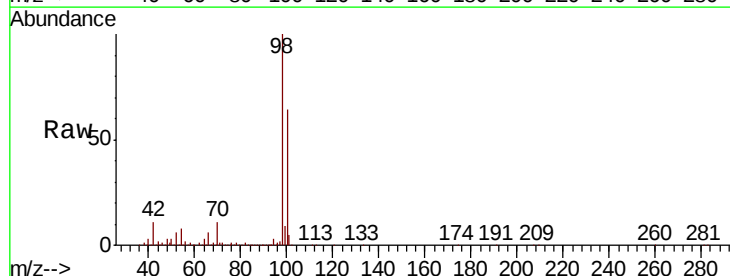
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

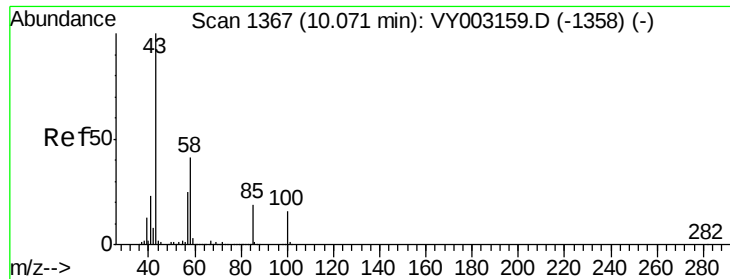
Tot Ion: 88 Resp: 30269
Ion Ratio Lower Upper
88 100
43 29.3 25.6 38.4
58 72.6 47.8 71.6#



#50
Toluene-d8
Concen: 46.353 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

Tgt Ion: 98 Resp: 664841
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 252.471 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

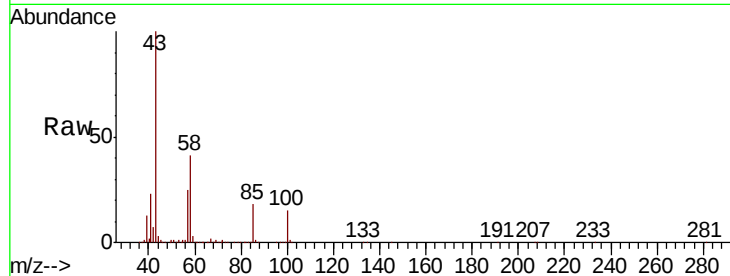
VSTDCCC050EC

Tot Ion: 43 Resp: 831122

Ion Ratio Lower Upper

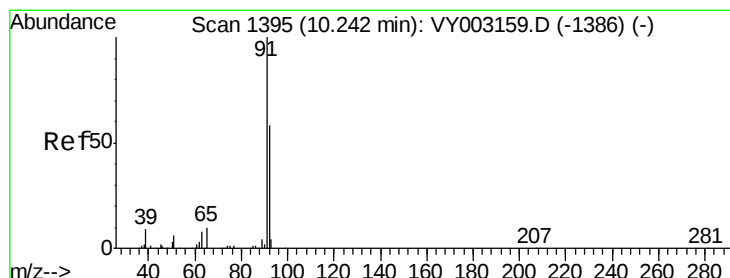
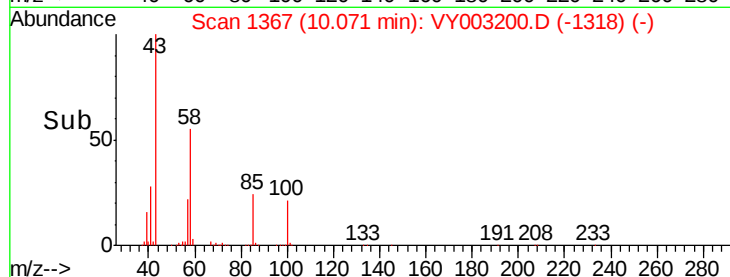
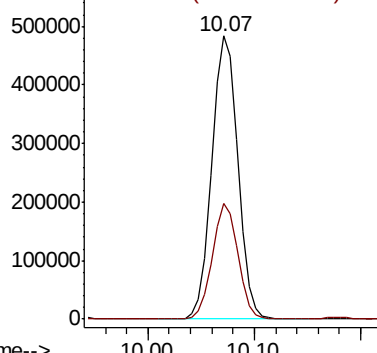
43 100

58 40.3 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 49.187 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003200.D

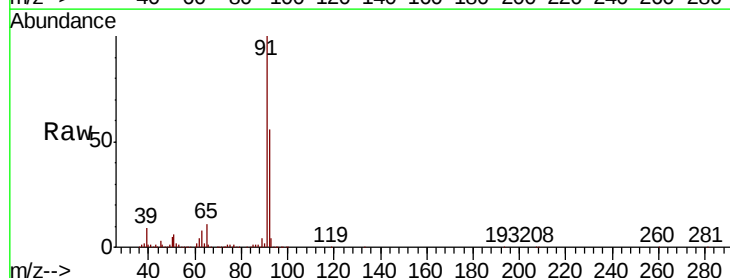
Acq: 14 Jul 2020 17:00

Tgt Ion: 92 Resp: 525961

Ion Ratio Lower Upper

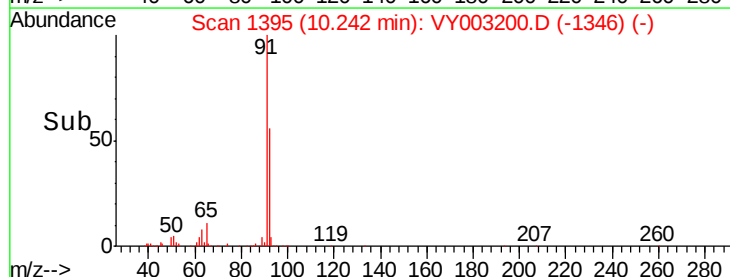
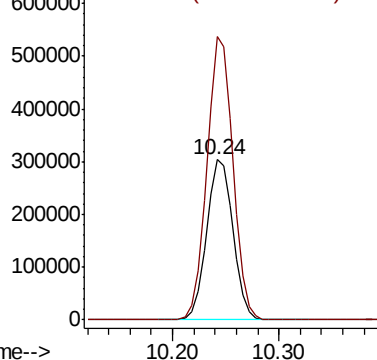
92 100

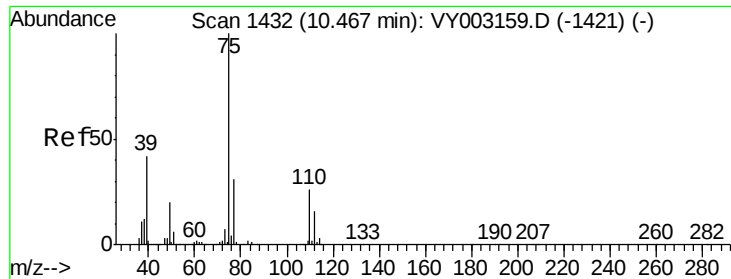
91 175.1 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 49.827 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

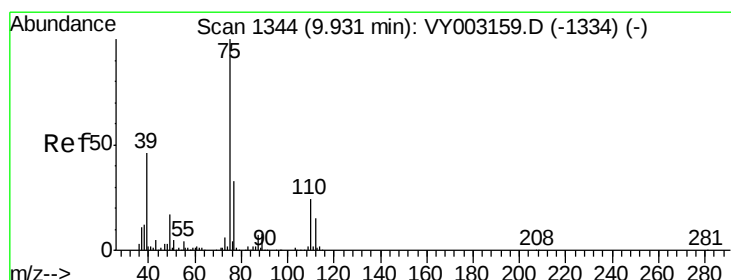
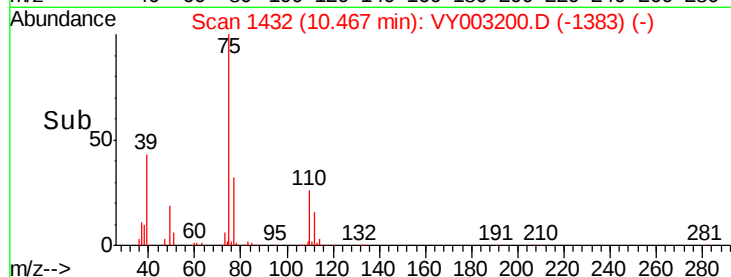
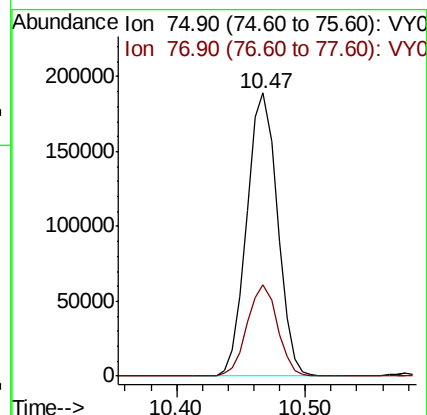
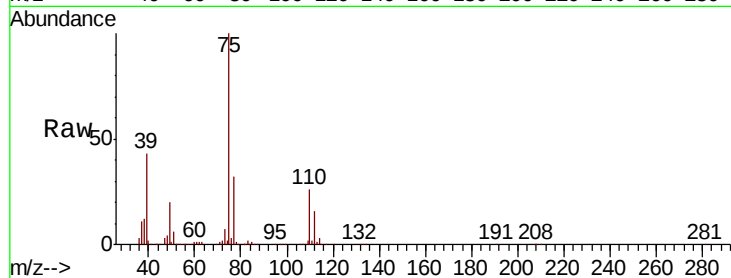
VSTDCCC050EC

Tot Ion: 75 Resp: 310441

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 49.897 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

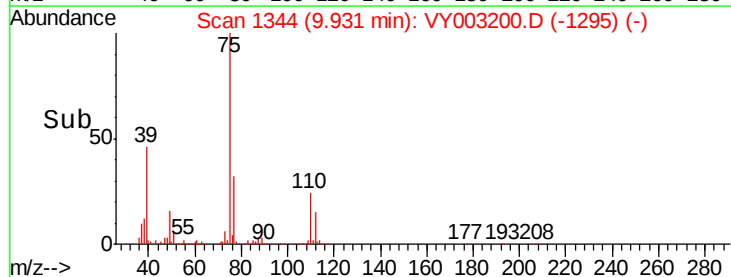
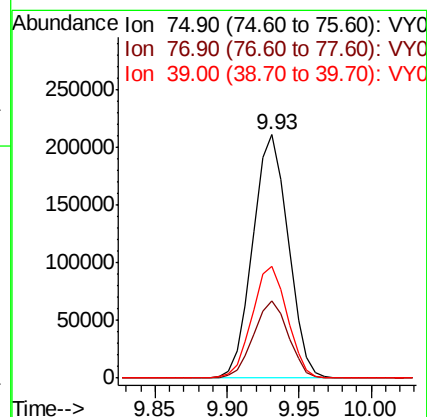
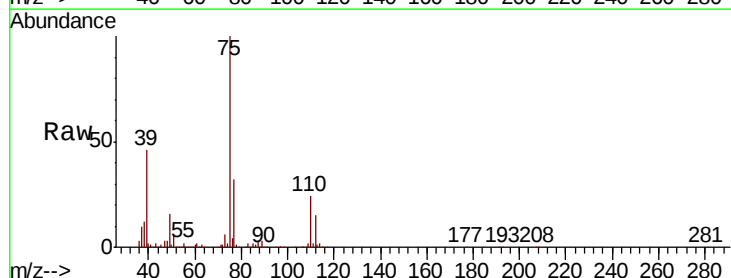
Tgt Ion: 75 Resp: 358186

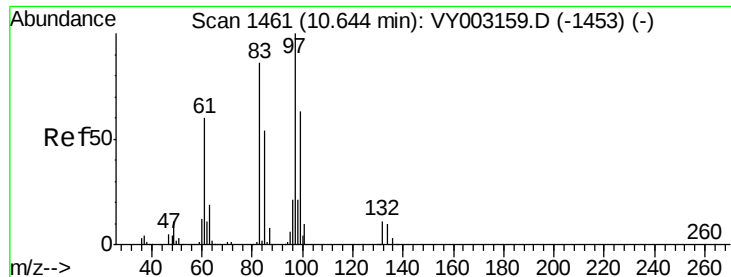
Ion Ratio Lower Upper

75 100

77 32.0 26.7 40.1

39 46.0 37.0 55.6

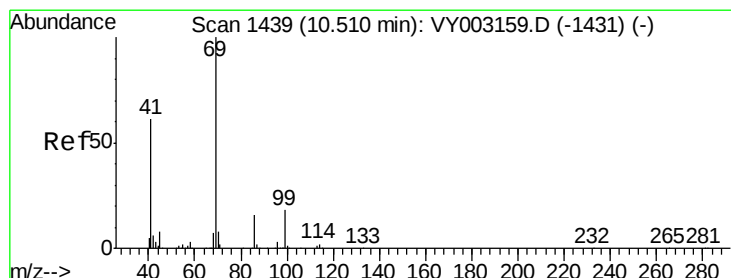
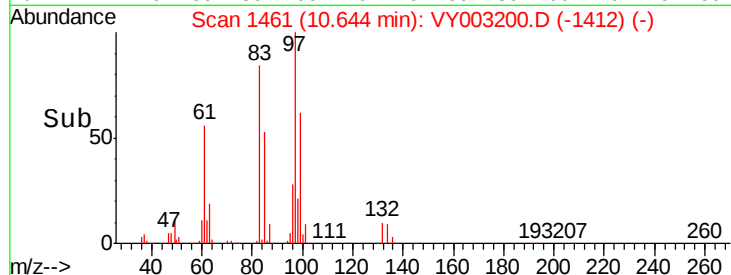
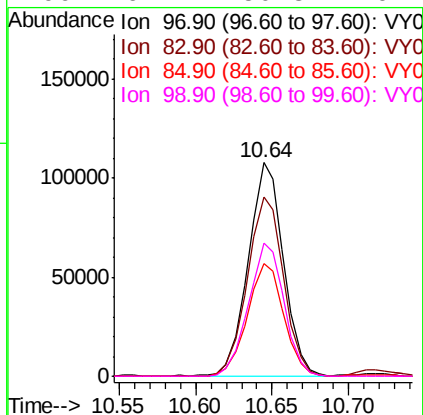
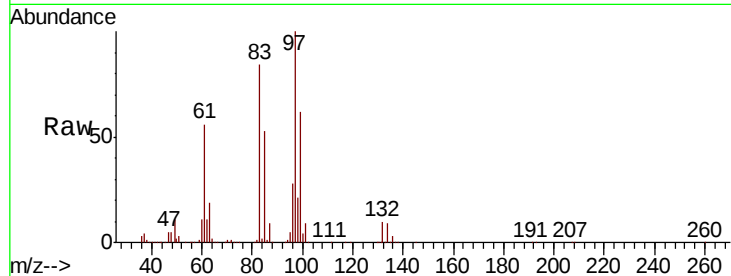




#55
 1,1,2-Trichloroethane
 Concen: 48.139 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

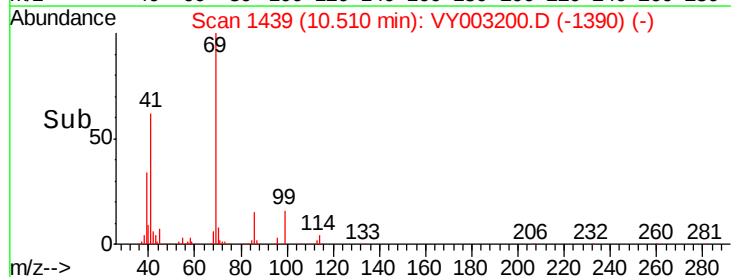
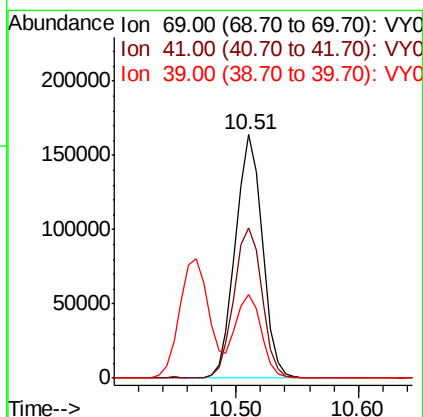
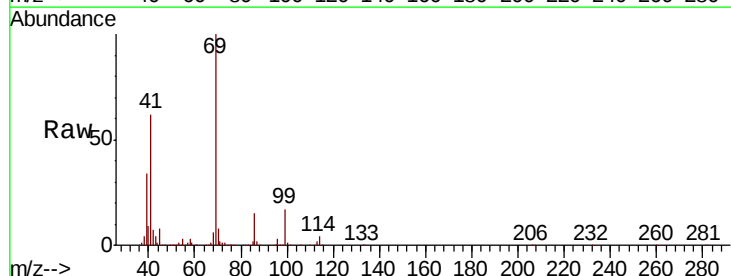
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

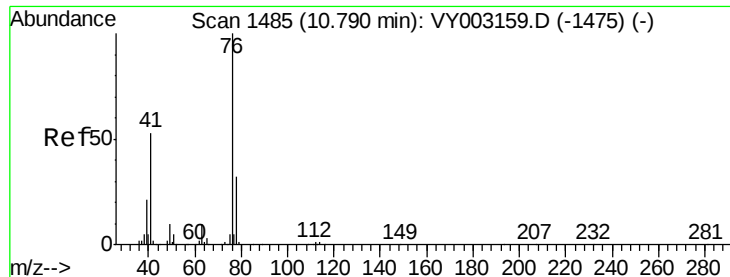
Tot Ion: 97 Resp: 172473
 Ion Ratio Lower Upper
 97 100
 83 83.8 68.8 103.2
 85 52.8 43.1 64.7
 99 62.2 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 51.301 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

Tgt Ion: 69 Resp: 249885
 Ion Ratio Lower Upper
 69 100
 41 64.2 50.0 75.0
 39 32.4 27.6 41.4





#57

1,3-Dichloropropane

Concen: 49.412 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

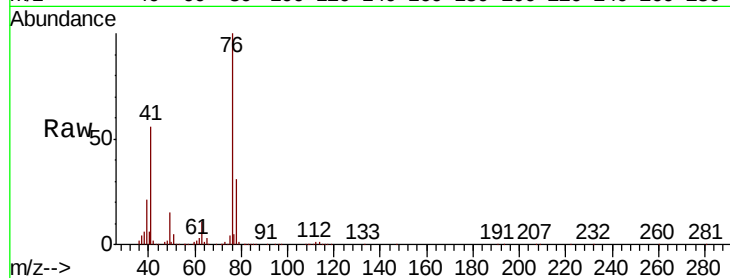
VSTDCCC050EC

Tot Ion: 76 Resp: 300170

Ion Ratio Lower Upper

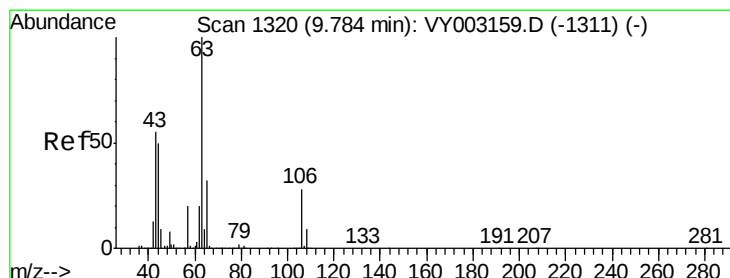
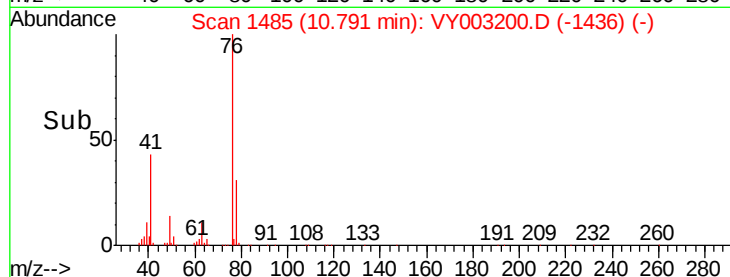
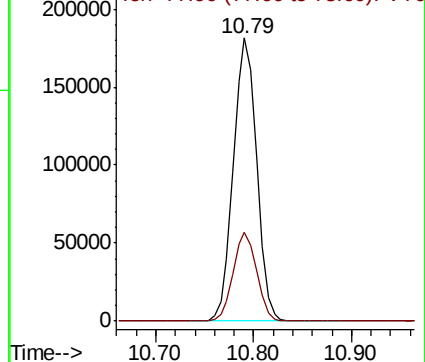
76 100

78 31.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 252.494 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003200.D

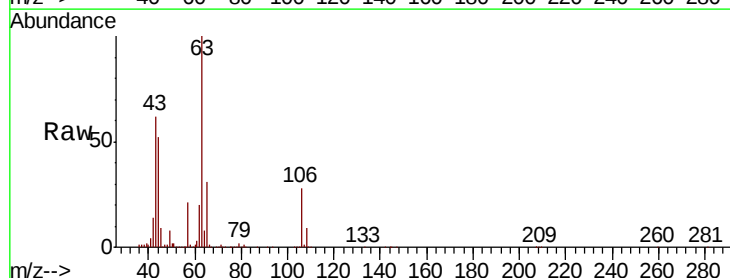
Acq: 14 Jul 2020 17:00

Tgt Ion: 63 Resp: 627240

Ion Ratio Lower Upper

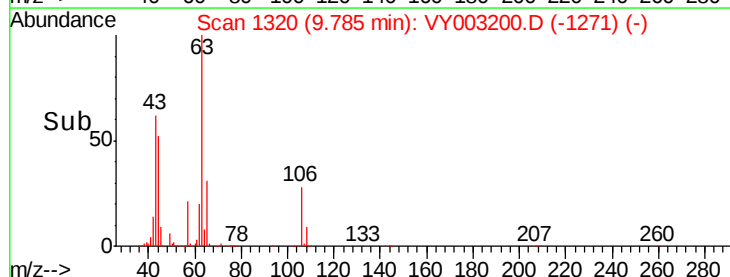
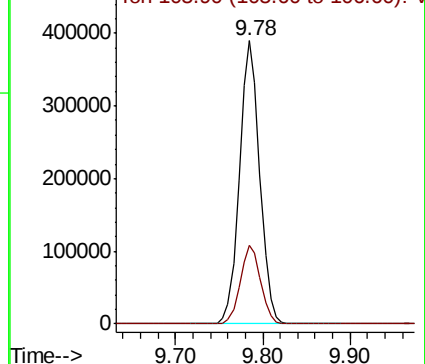
63 100

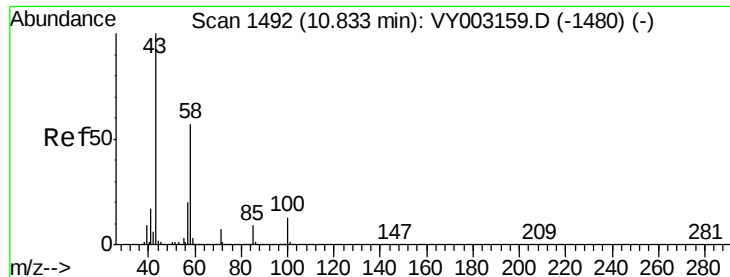
106 27.9 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

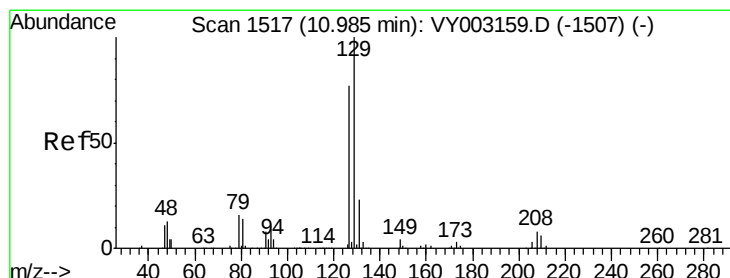
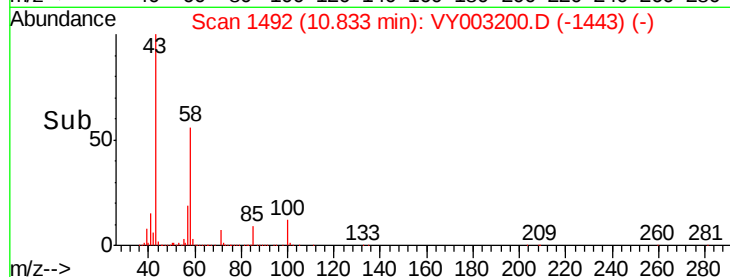
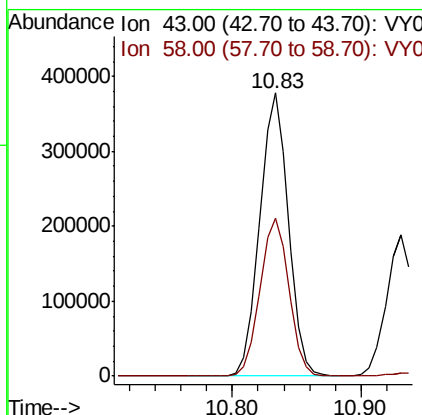
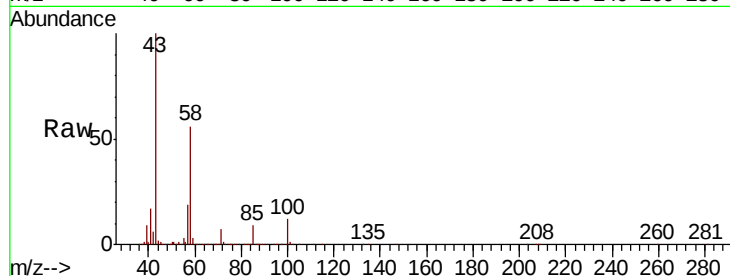




#59
2-Hexanone
Concen: 251.571 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

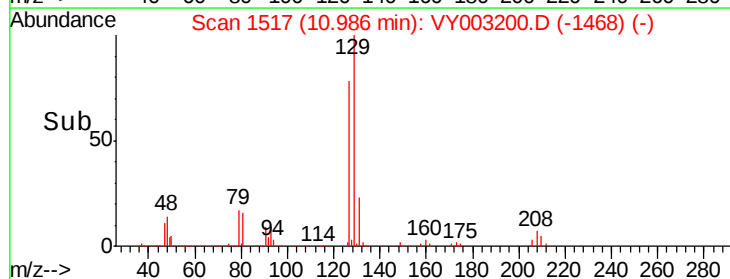
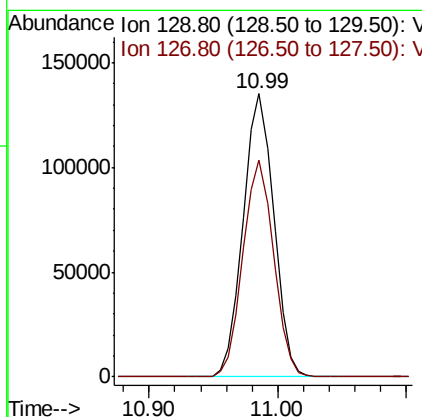
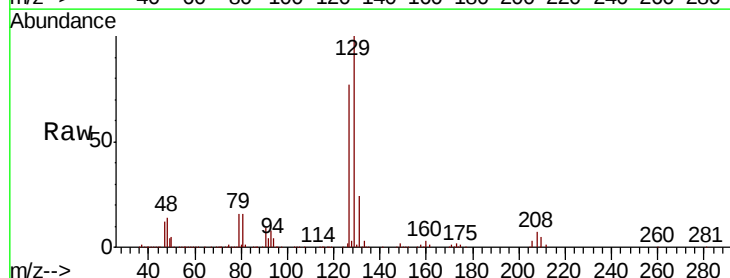
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

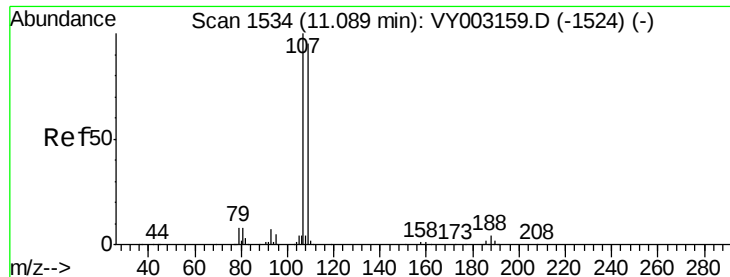
Tot Ion: 43 Resp: 578116
Ion Ratio Lower Upper
43 100
58 56.4 28.3 85.0



#60
Dibromochloromethane
Concen: 49.365 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

Tgt Ion: 129 Resp: 222451
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5

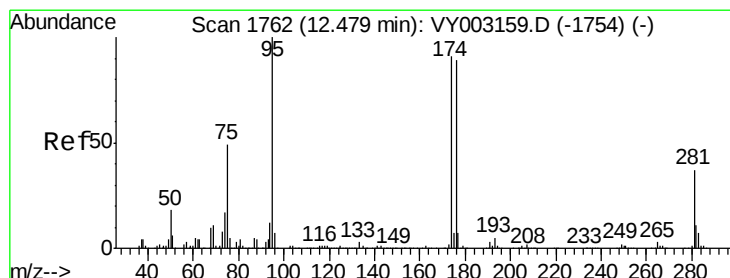
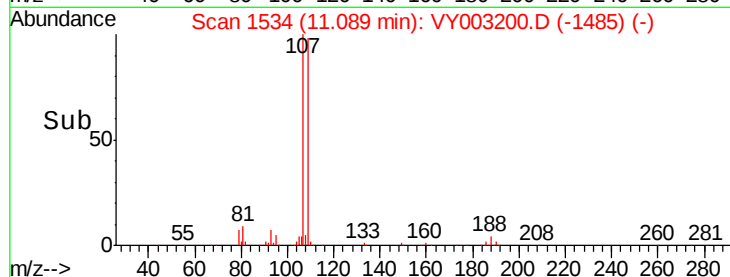
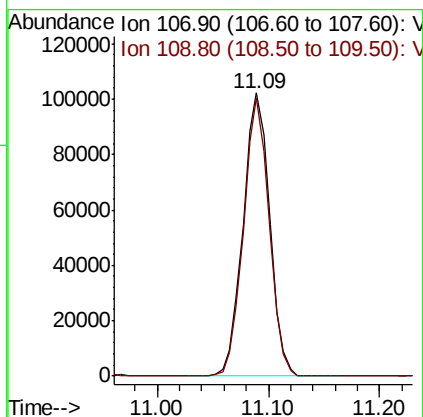
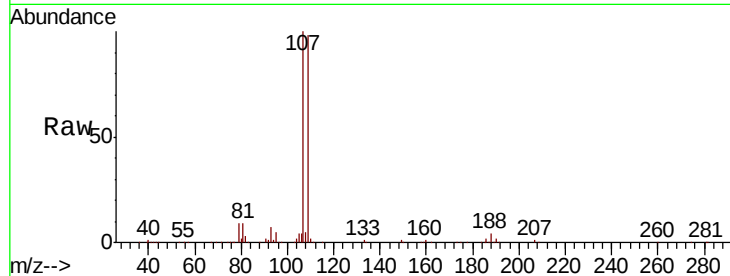




#61
 1,2-Dibromoethane
 Concen: 47.937 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

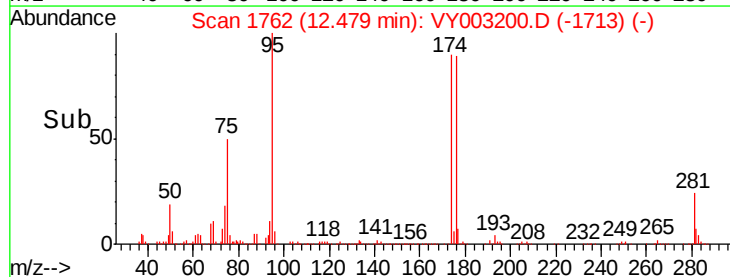
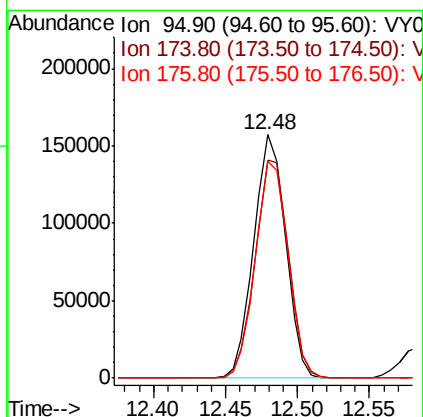
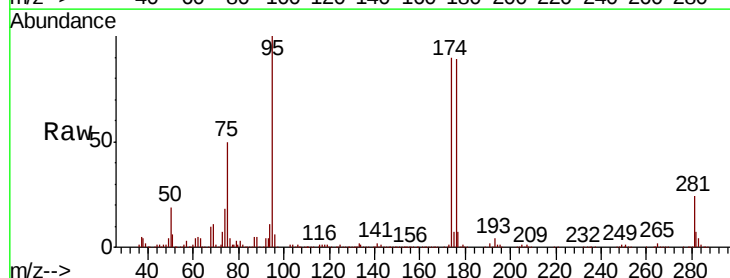
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

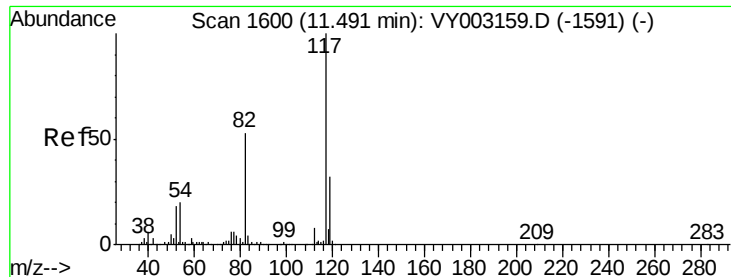
Tot Ion: 107 Resp: 169508
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 46.406 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

Tgt Ion: 95 Resp: 240456
 Ion Ratio Lower Upper
 95 100
 174 93.5 0.0 190.6
 176 91.2 0.0 186.4

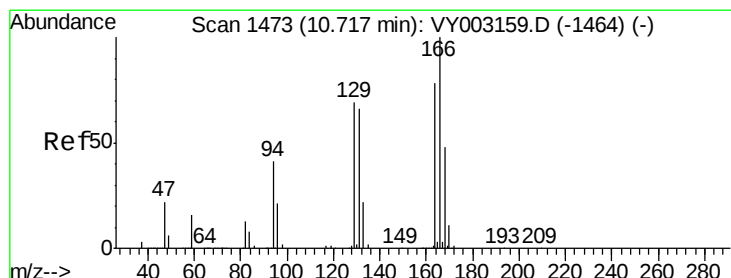
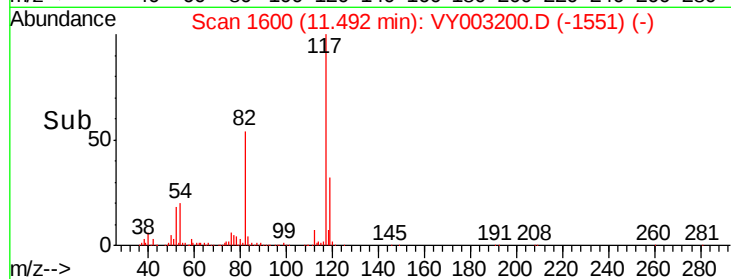
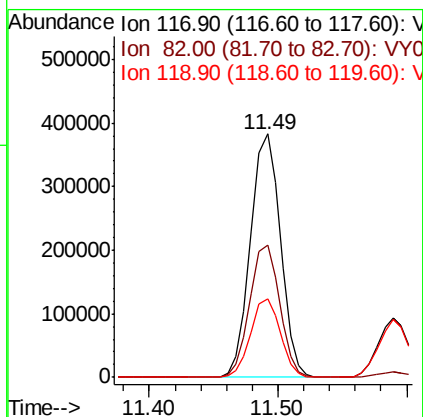
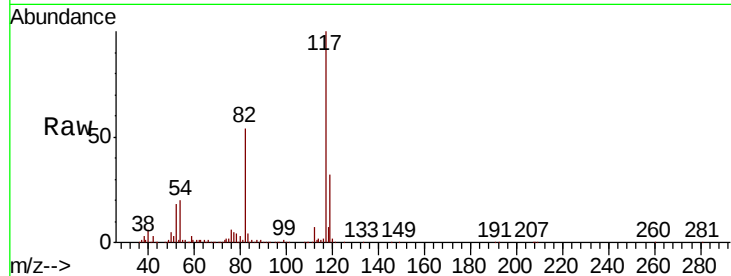




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

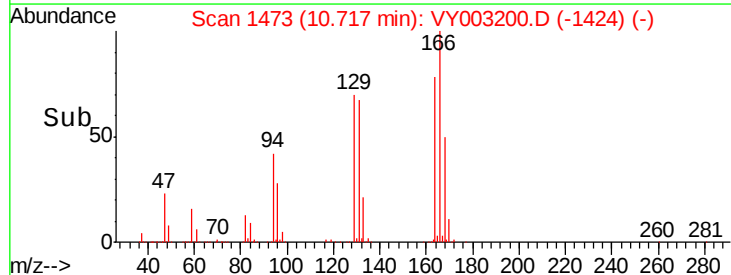
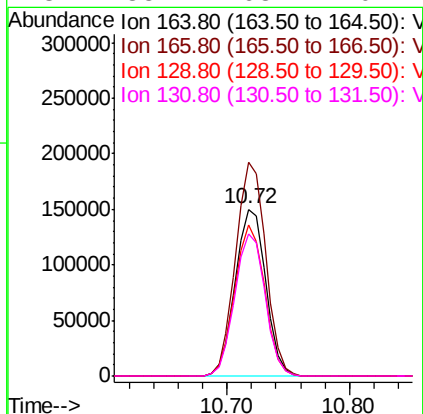
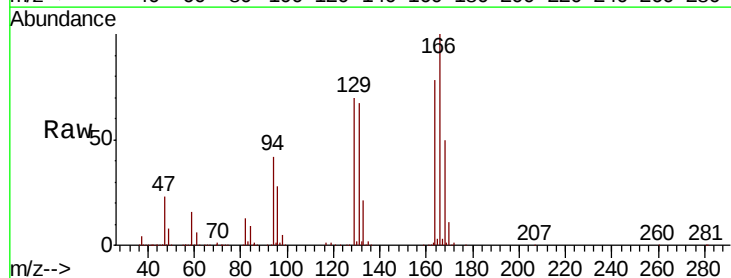
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

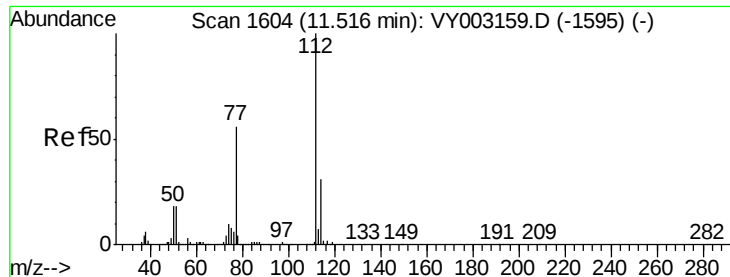
Tot Ion:117 Resp: 616088
Ion Ratio Lower Upper
117 100
82 54.2 42.0 63.0
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 47.086 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

Tgt Ion:164 Resp: 258654
Ion Ratio Lower Upper
164 100
166 128.3 102.9 154.3
129 90.4 71.4 107.2
131 85.7 68.1 102.1





#65

Chlorobenzene

Concen: 48.861 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

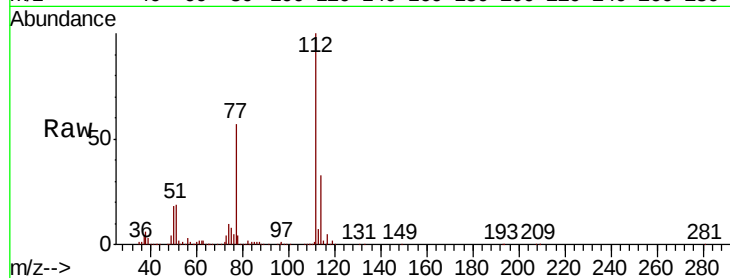
VSTDCCC050EC

Tot Ion:112 Resp: 579907

Ion Ratio Lower Upper

112 100

114 32.6 24.7 37.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

400000

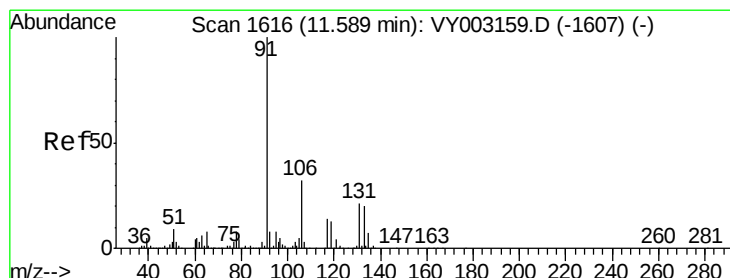
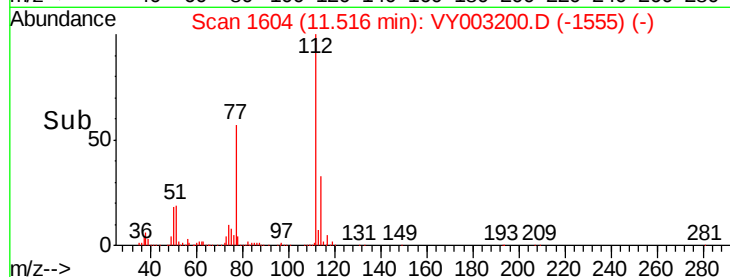
300000

200000

100000

0

Time--> 11.40 11.50 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 49.336 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

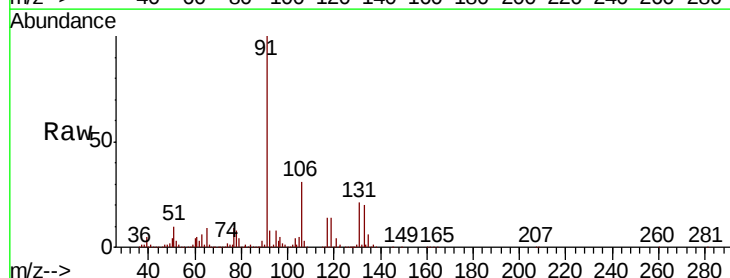
Tgt Ion:131 Resp: 227425

Ion Ratio Lower Upper

131 100

133 96.5 48.0 144.0

119 64.0 32.4 97.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.59

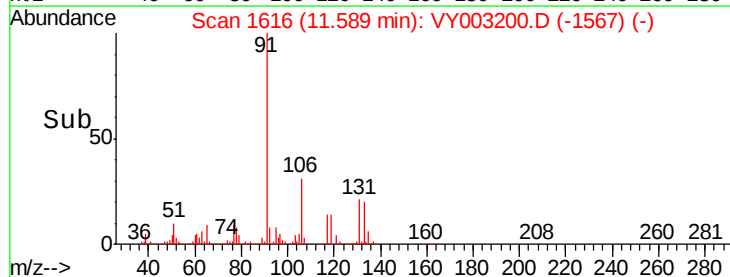
150000

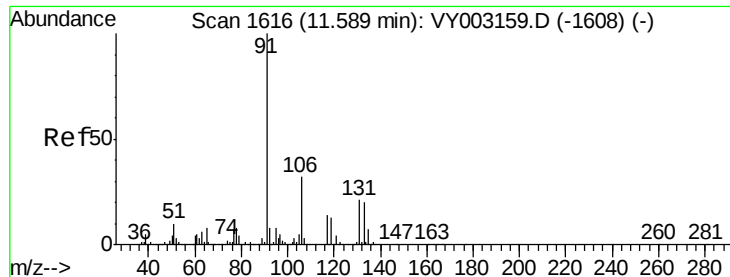
100000

50000

0

Time--> 11.50 11.55 11.60 11.65





#67

Ethyl Benzene

Concen: 49.549 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

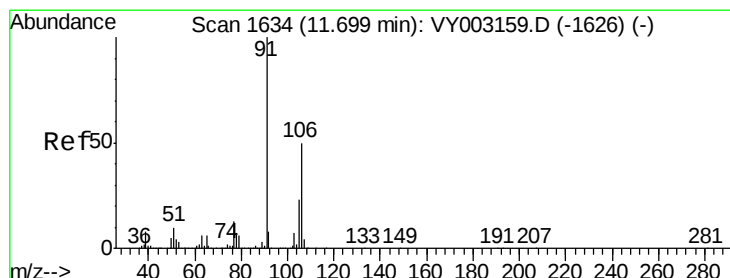
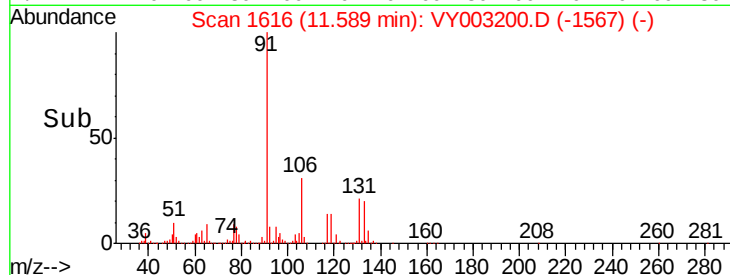
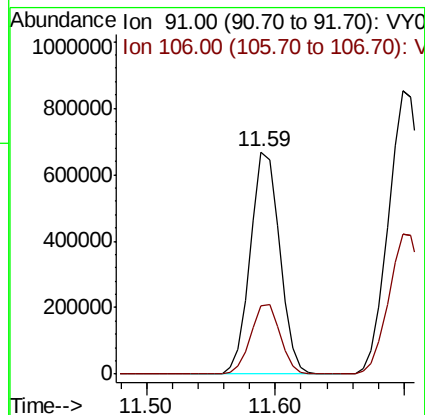
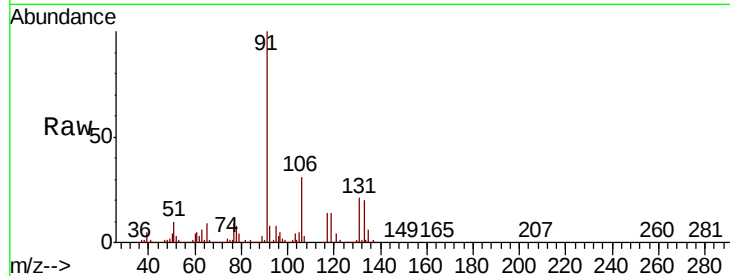
VSTDCCC050EC

Tot Ion: 91 Resp: 1050007

Ion Ratio Lower Upper

91 100

106 30.8 25.5 38.3



#68

m/p-Xylenes

Concen: 98.076 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003200.D

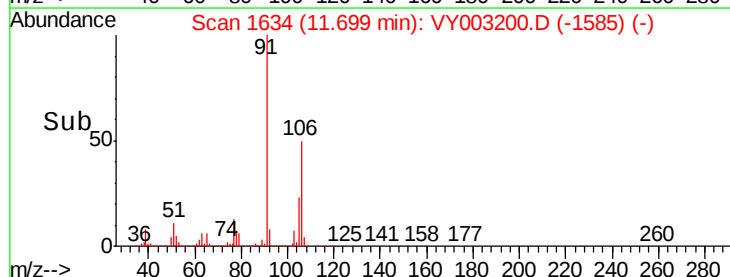
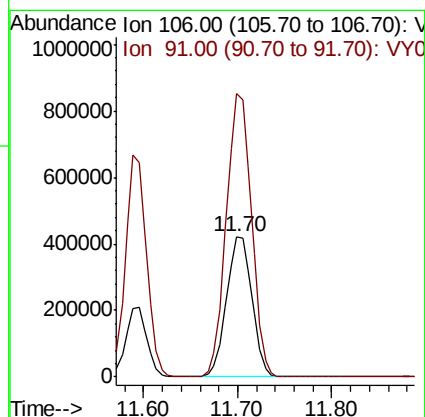
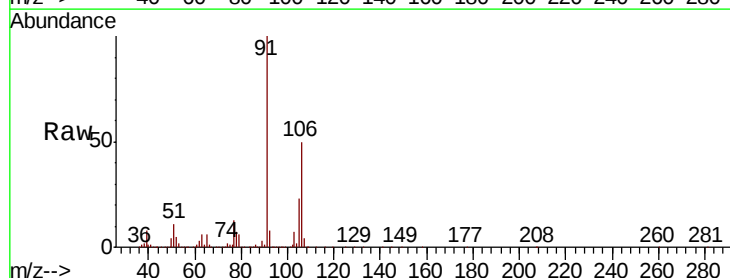
Acq: 14 Jul 2020 17:00

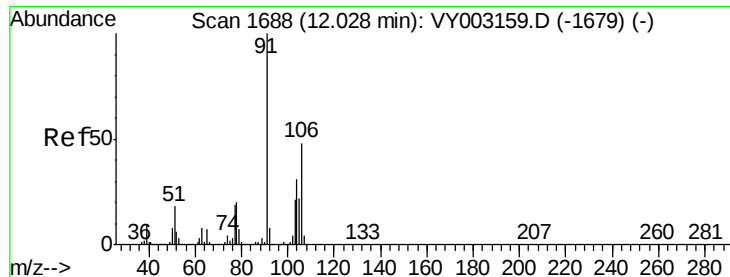
Tgt Ion: 106 Resp: 788592

Ion Ratio Lower Upper

106 100

91 201.1 159.0 238.6

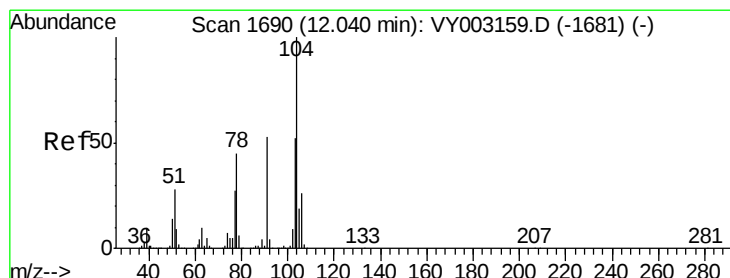
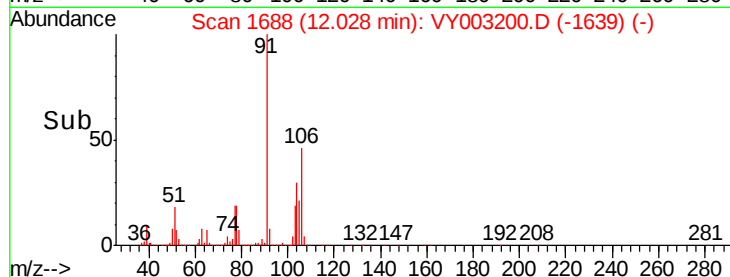
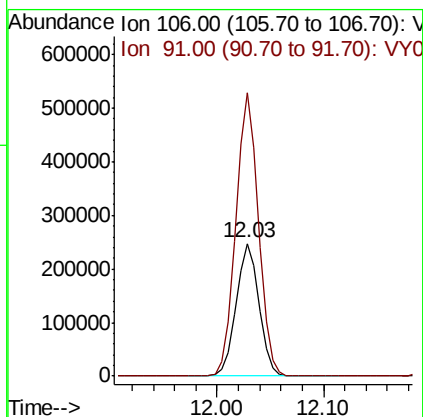
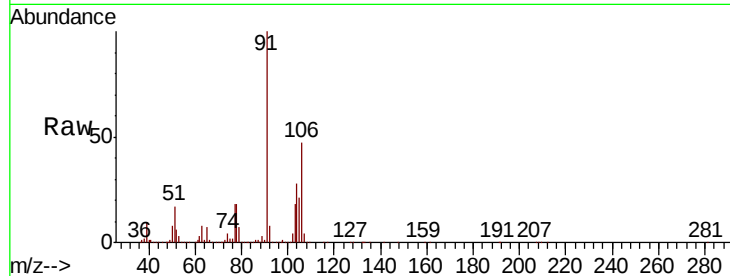




#69
o-Xylene
Concen: 49.582 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

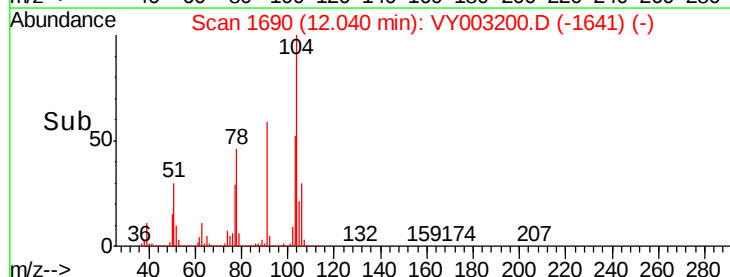
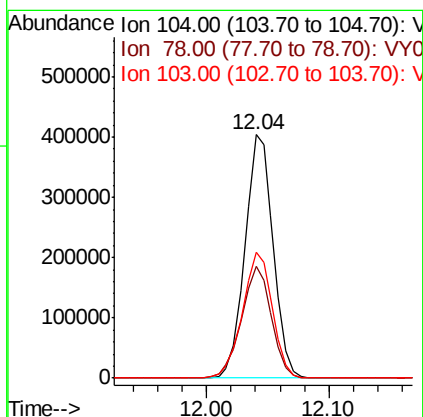
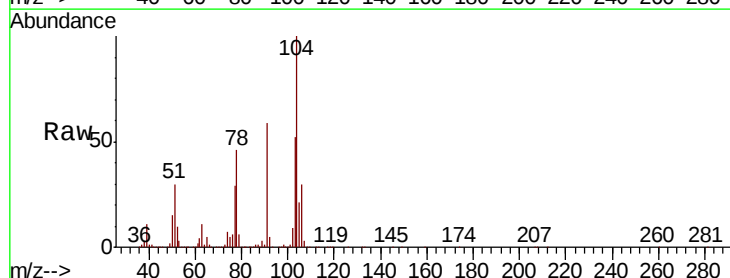
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

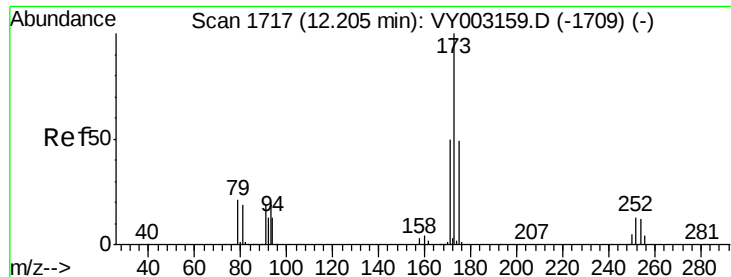
Tot Ion:106 Resp: 372445
Ion Ratio Lower Upper
106 100
91 211.8 105.1 315.1



#70
Styrene
Concen: 50.221 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

Tgt Ion:104 Resp: 645343
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 54.8 43.9 65.9





#71

Bromoform

Concen: 47.990 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

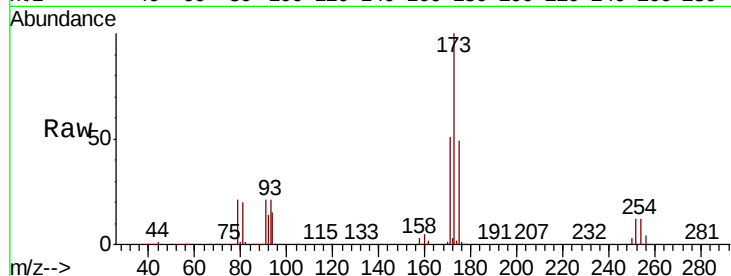
Tot Ion:173 Resp: 145193

Ion Ratio Lower Upper

173 100

175 50.1 24.3 73.0

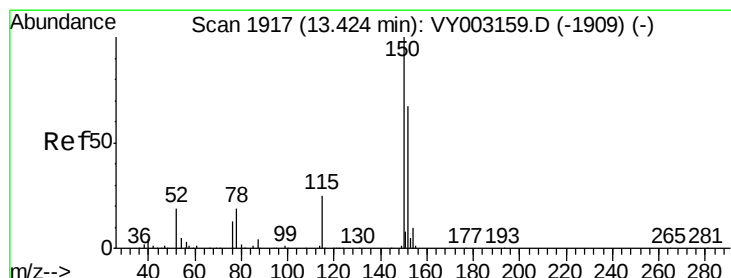
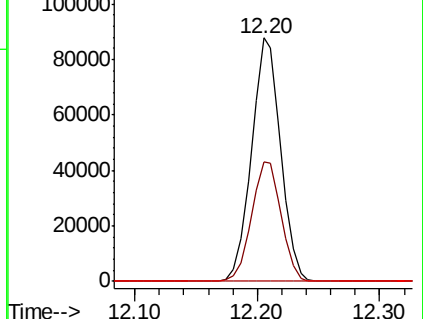
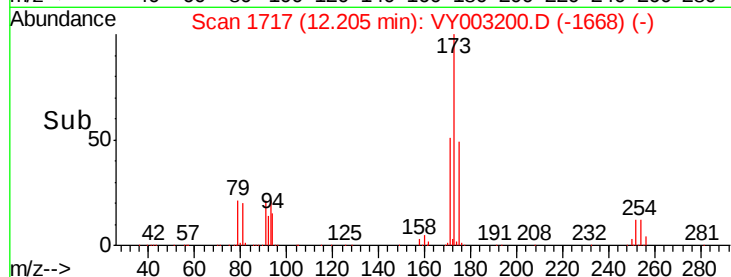
254 0.2 0.2 0.2



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: VY003200.D

Acq: 14 Jul 2020 17:00

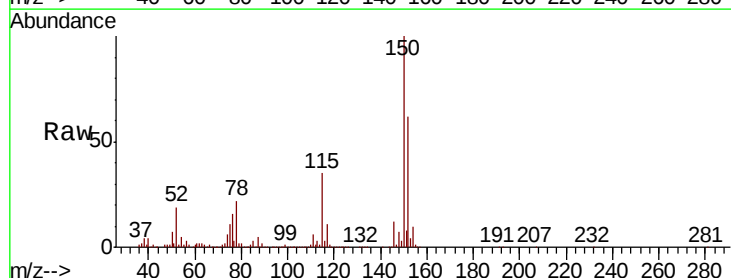
Tgt Ion:152 Resp: 319423

Ion Ratio Lower Upper

152 100

115 55.6 26.9 80.7

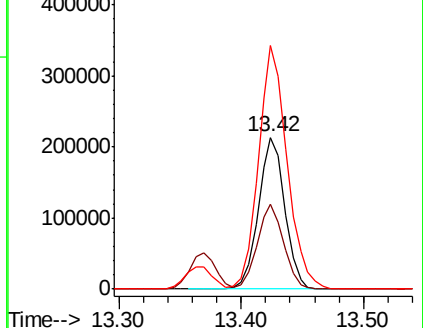
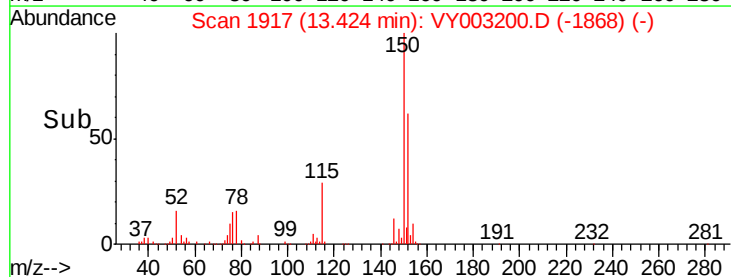
150 174.5 0.0 338.0

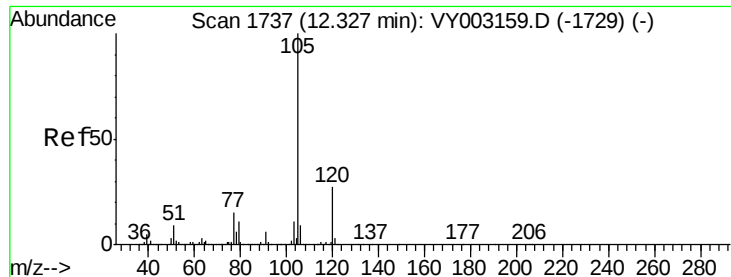


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.761 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

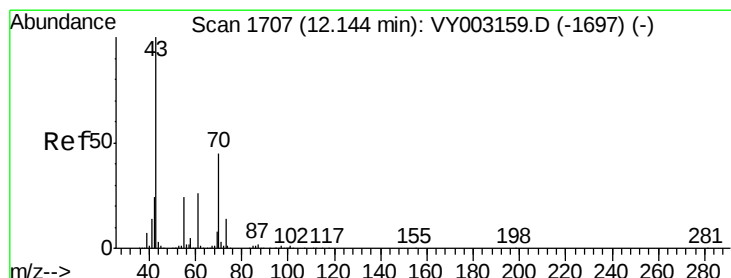
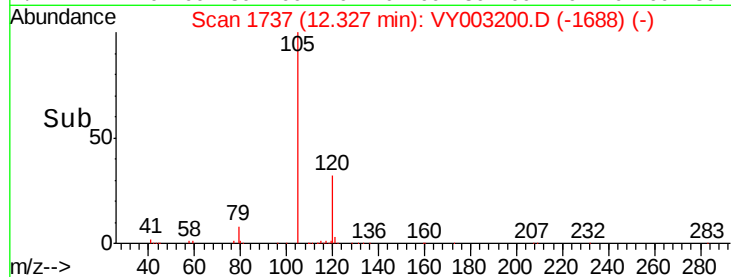
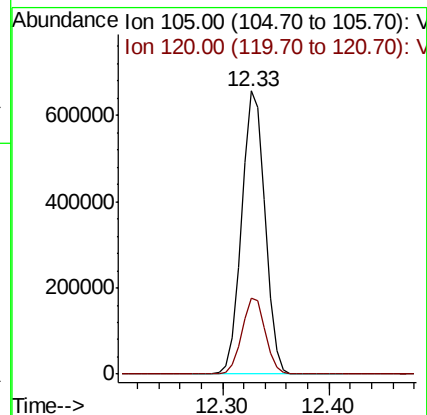
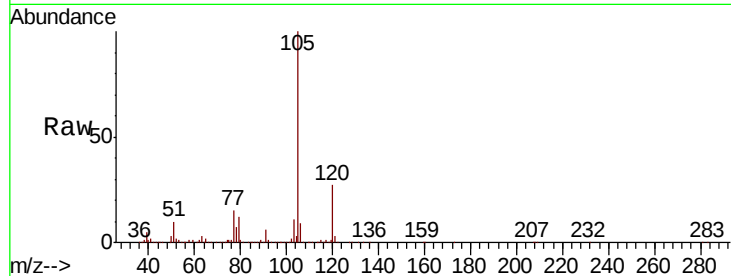
VSTDCCC050EC

Tot Ion:105 Resp: 1012919

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 52.427 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Tgt Ion: 43 Resp: 299441

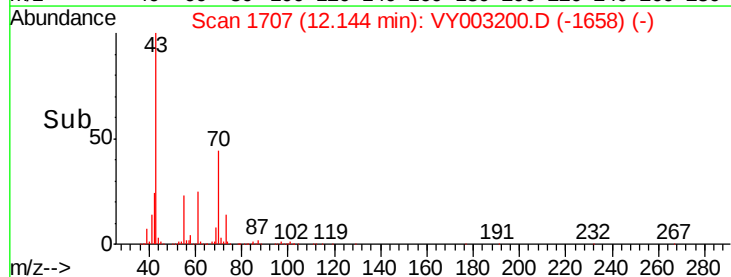
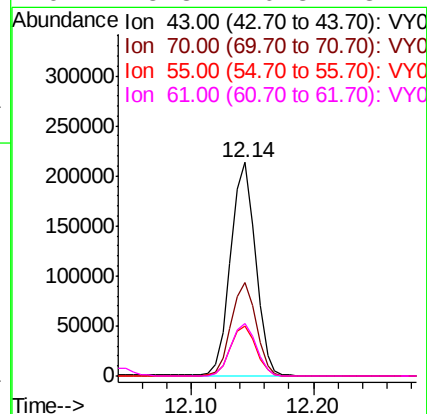
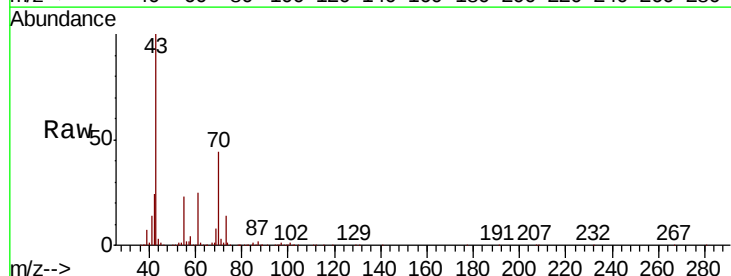
Ion Ratio Lower Upper

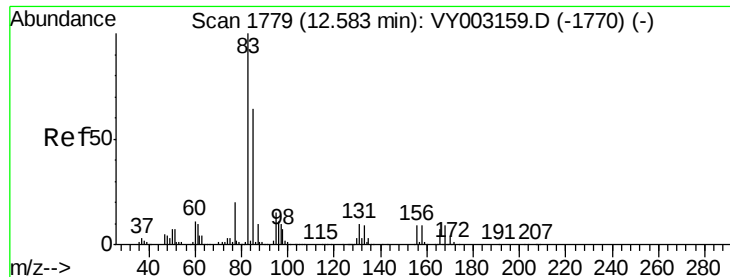
43 100

70 44.4 35.6 53.4

55 24.0 19.4 29.2

61 25.3 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.726 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

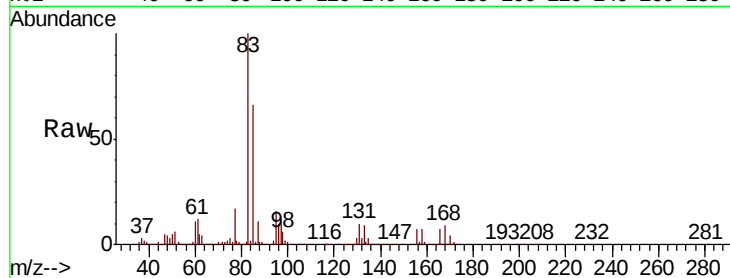
Tot Ion: 83 Resp: 191562

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

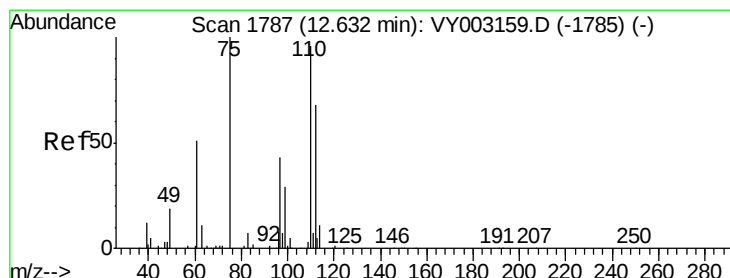
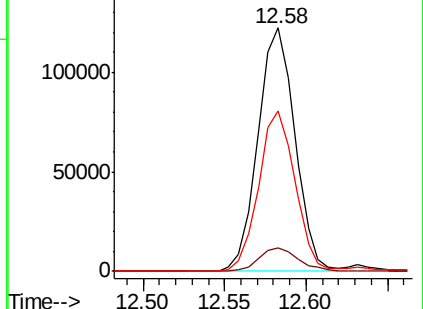
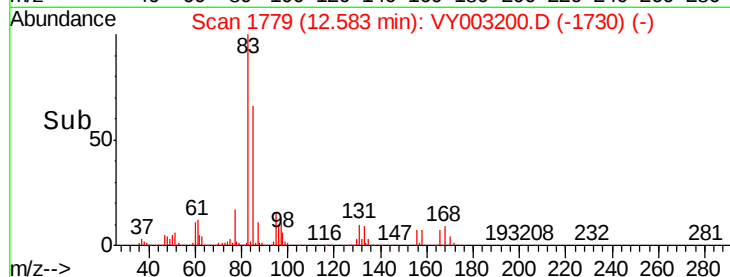
85 65.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY003200.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY003200.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY003200.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 95.140 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003200.D

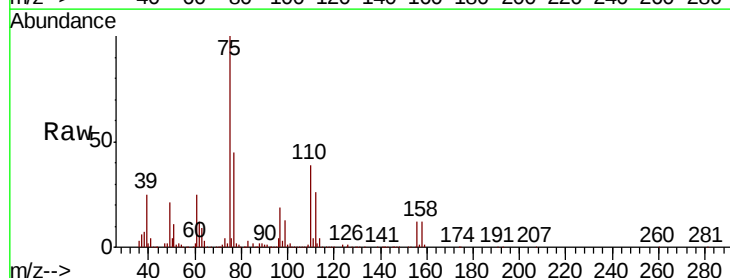
Acq: 14 Jul 2020 17:00

Tgt Ion: 75 Resp: 269003

Ion Ratio Lower Upper

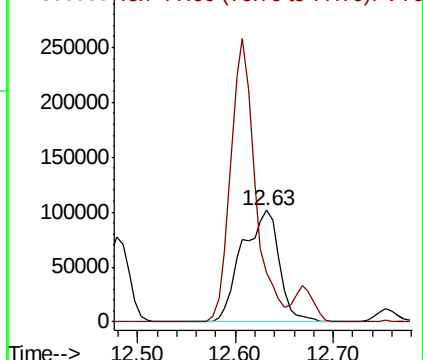
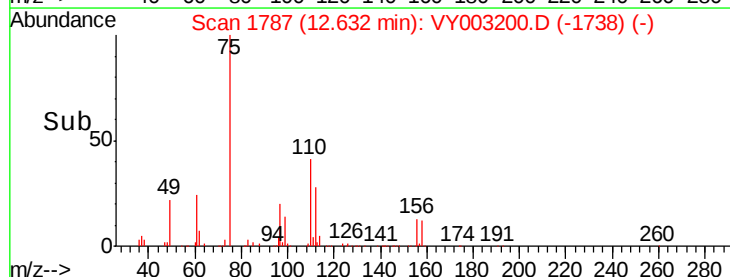
75 100

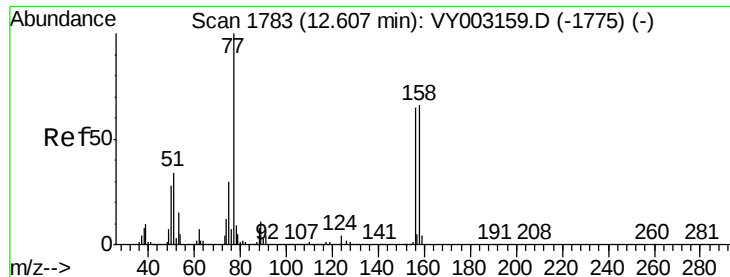
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003200.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY003200.D (-1738) (-)





#77

Bromobenzene

Concen: 50.088 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

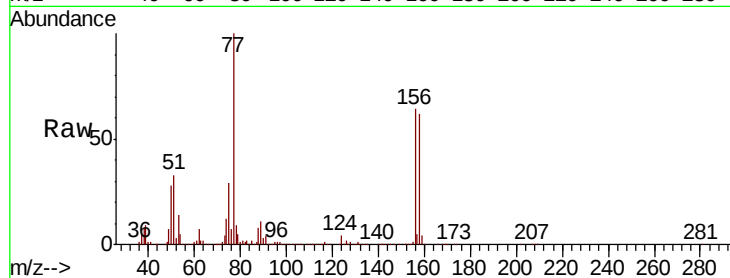
Tot Ion:156 Resp: 259892

Ion Ratio Lower Upper

156 100

77 173.6 86.6 259.7

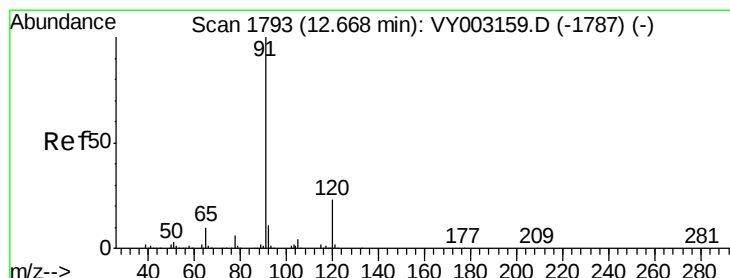
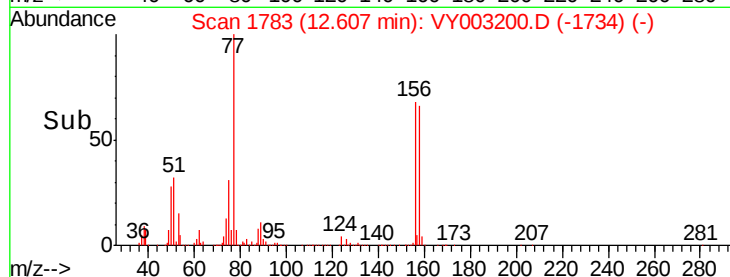
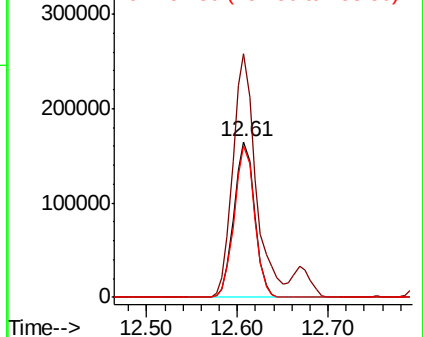
158 96.0 49.4 148.0



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: 50.211 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003200.D

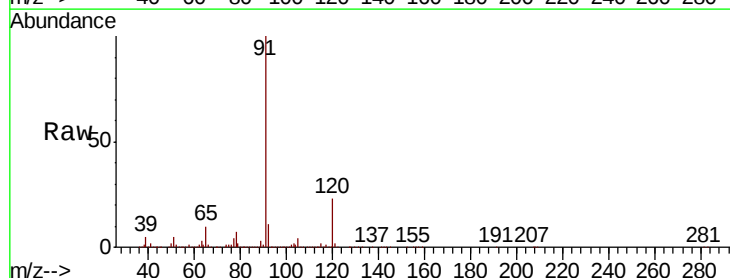
Acq: 14 Jul 2020 17:00

Tgt Ion: 91 Resp: 1204784

Ion Ratio Lower Upper

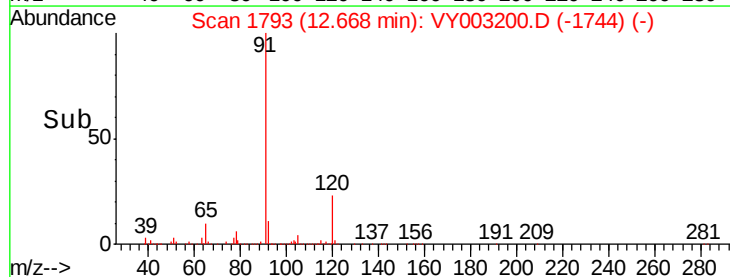
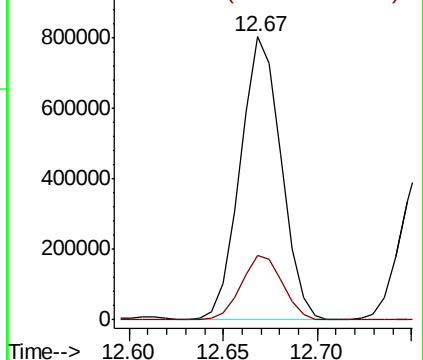
91 100

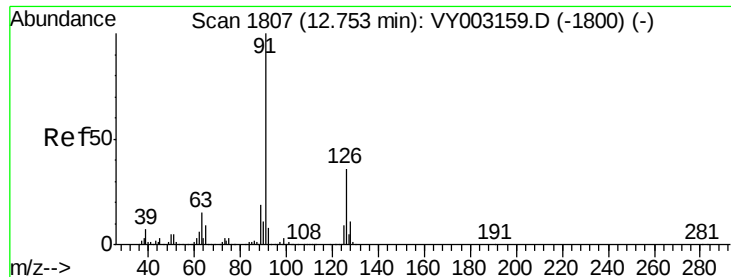
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

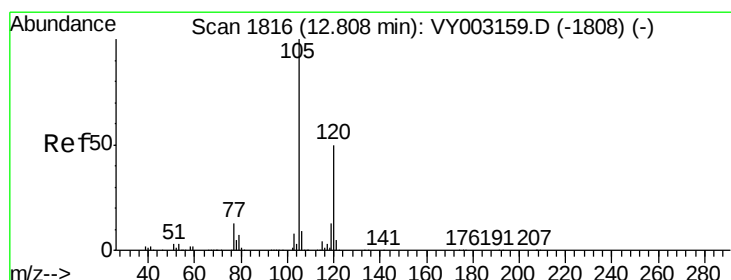
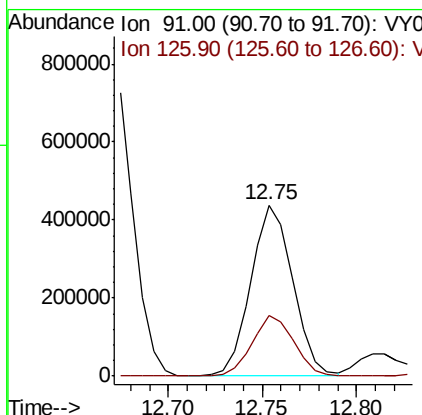
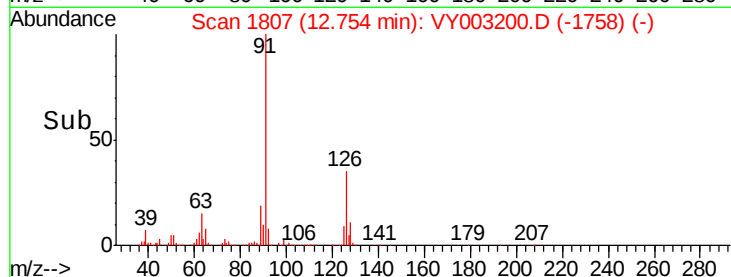
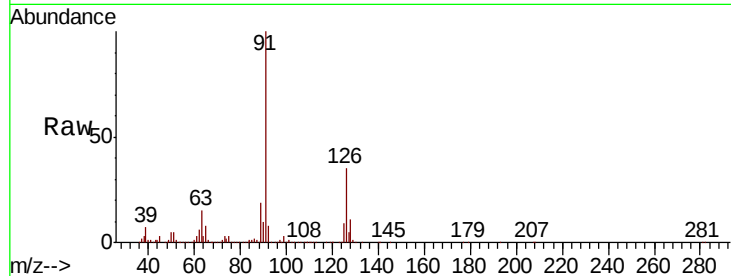




#79
 2-Chlorotoluene
 Concen: 50.545 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

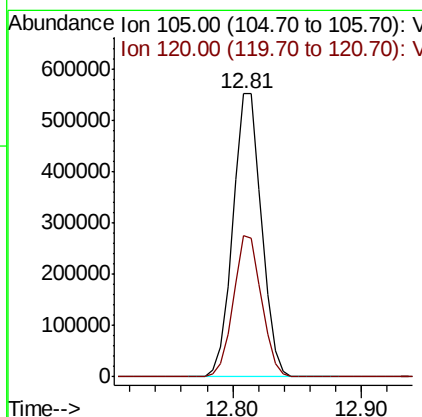
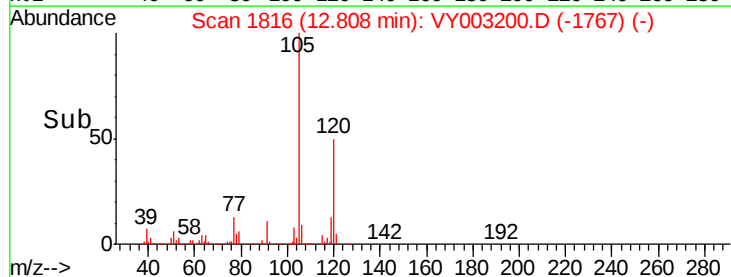
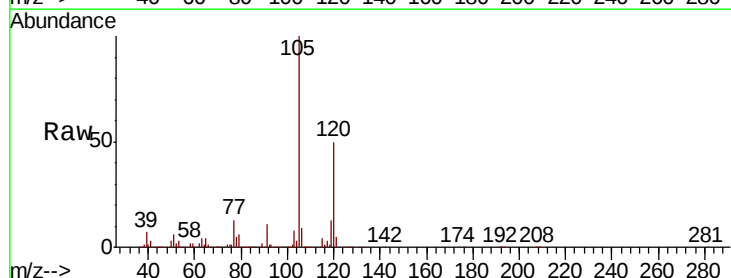
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

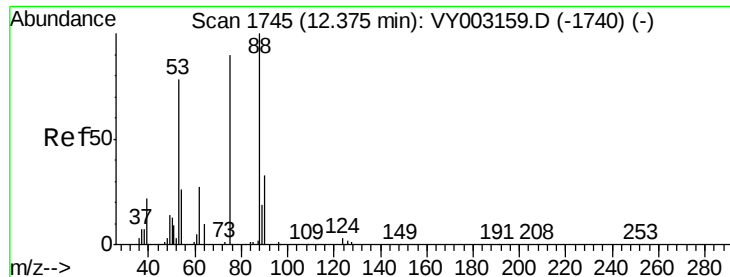
Tot Ion: 91 Resp: 676666
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 50.267 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

Tgt Ion: 105 Resp: 852814
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.416 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

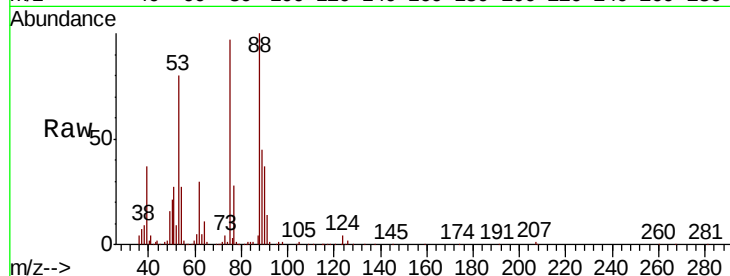
Tot Ion: 75 Resp: 71792

Ion Ratio Lower Upper

75 100

53 89.3 72.0 108.0

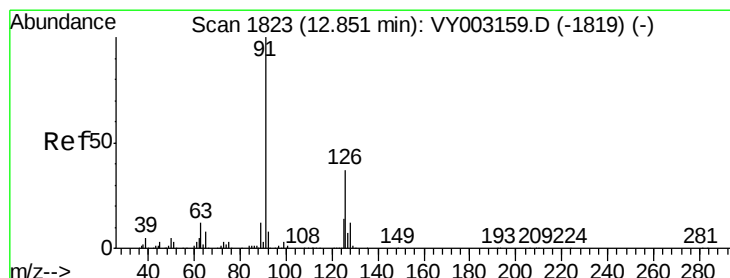
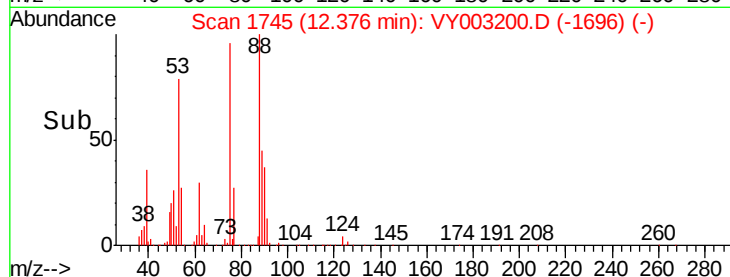
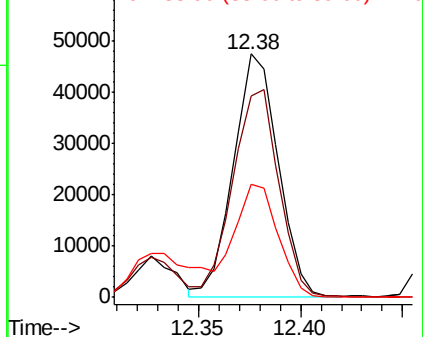
89 45.5 37.3 55.9



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: 50.335 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003200.D

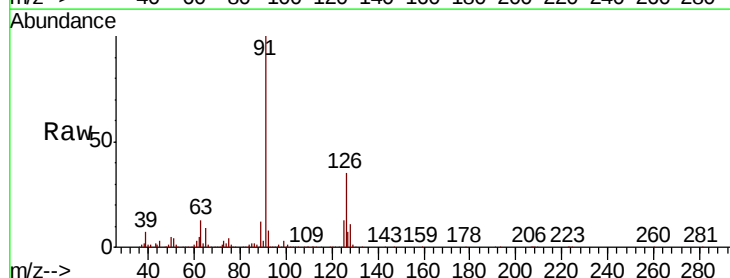
Acq: 14 Jul 2020 17:00

Tgt Ion: 91 Resp: 703331

Ion Ratio Lower Upper

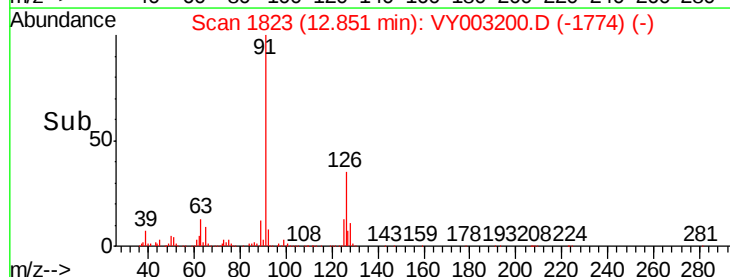
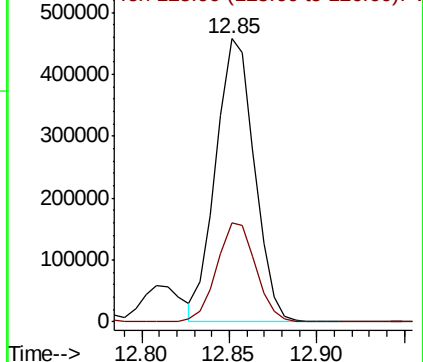
91 100

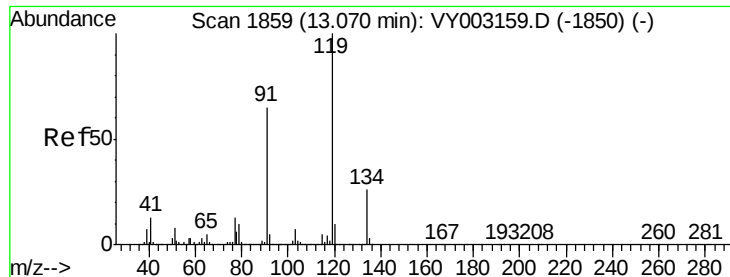
126 35.2 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.144 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.01 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

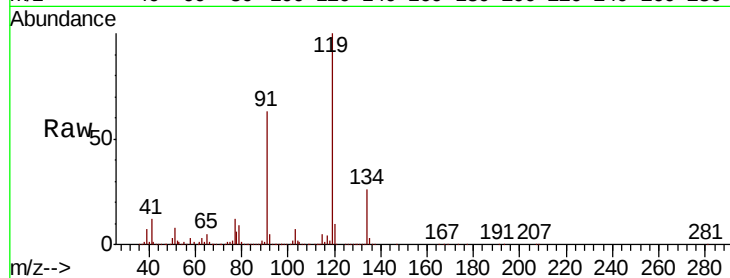
Tot Ion:119 Resp: 750649

Ion Ratio Lower Upper

119 100

91 62.2 30.8 92.4

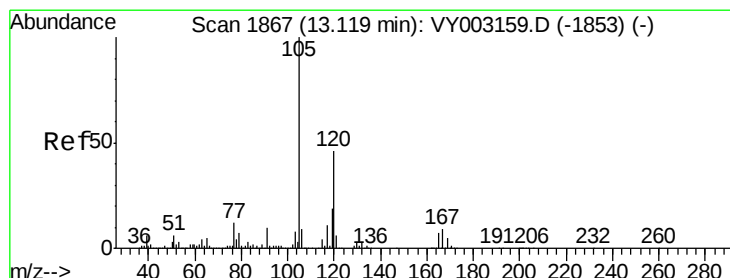
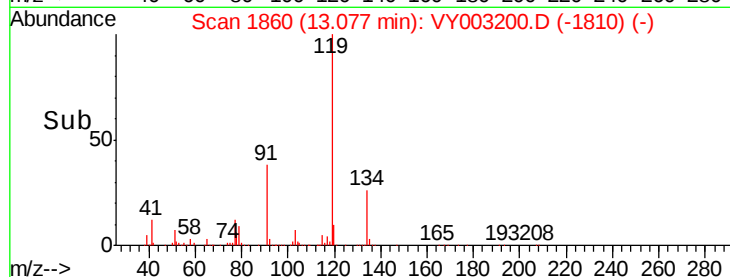
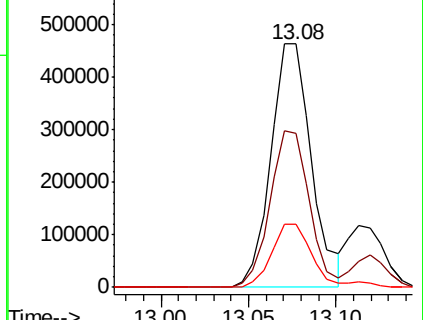
134 26.6 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.296 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003200.D

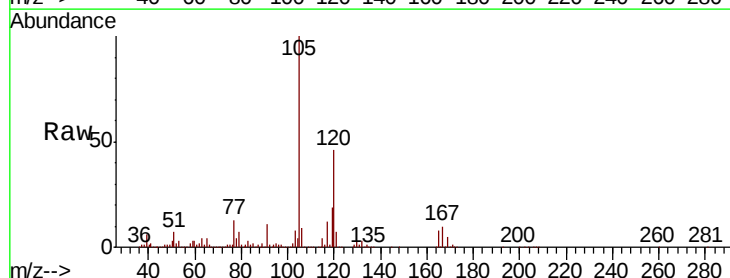
Acq: 14 Jul 2020 17:00

Tgt Ion:105 Resp: 858555

Ion Ratio Lower Upper

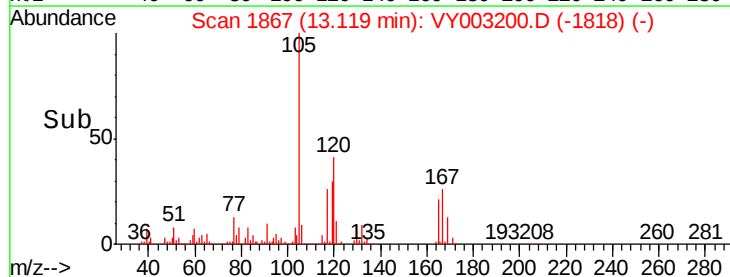
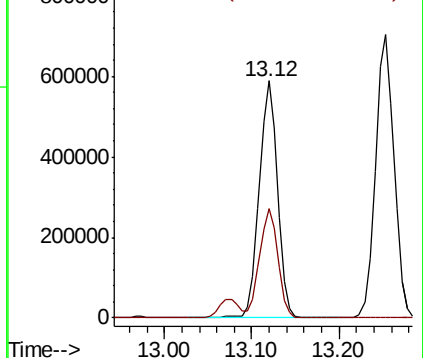
105 100

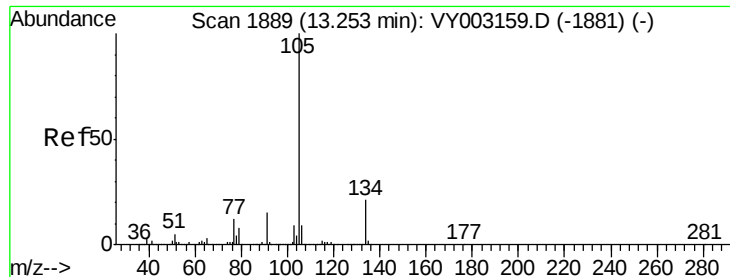
120 45.5 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.096 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

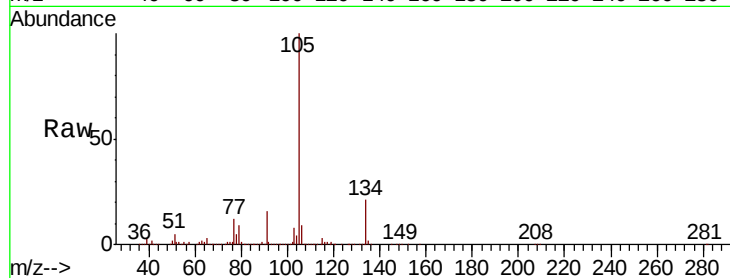
VSTDCCC050EC

Tot Ion:105 Resp: 1030729

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

800000

600000

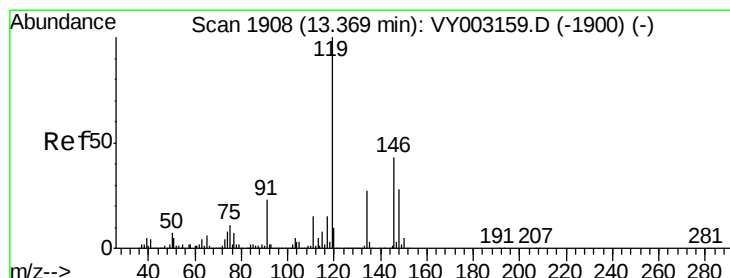
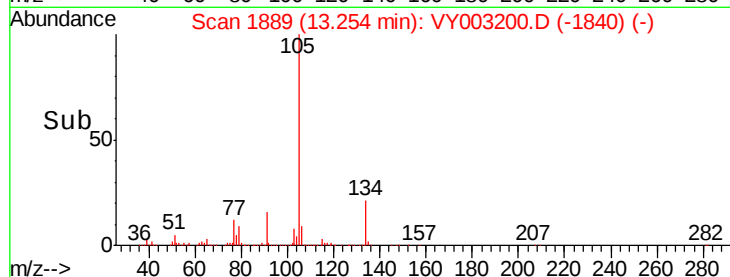
400000

200000

0

13.20 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 49.814 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

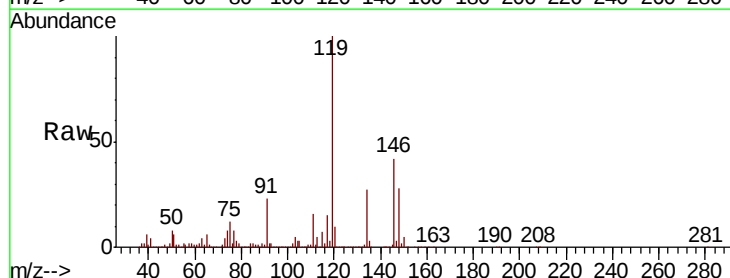
Tgt Ion:119 Resp: 956996

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

91 22.7 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

800000

600000

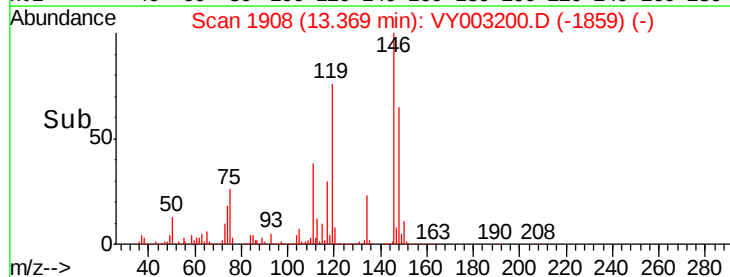
400000

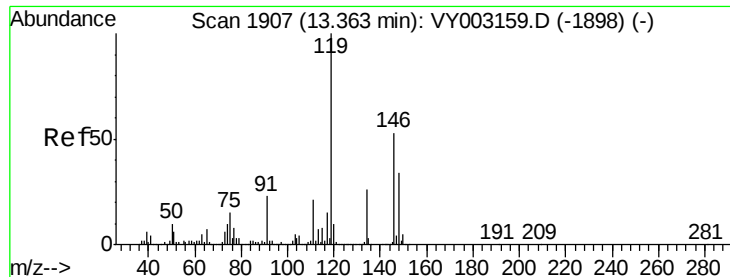
200000

0

13.30 13.35 13.40 13.45

Time-->





#87

1,3-Dichlorobenzene

Concen: 48.774 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

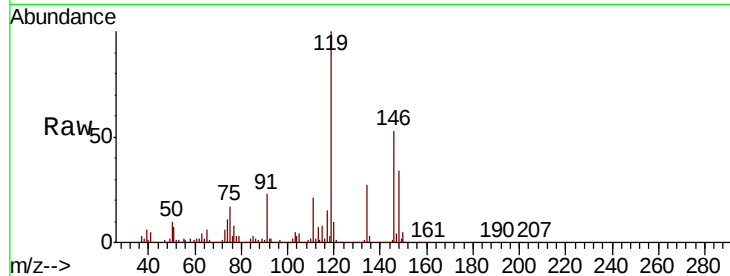
Tot Ion:146 Resp: 478581

Ion Ratio Lower Upper

146 100

111 38.1 18.8 56.3

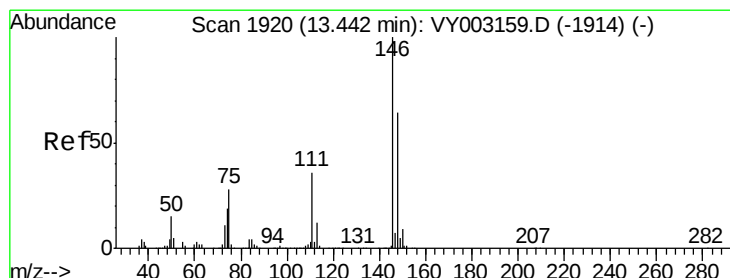
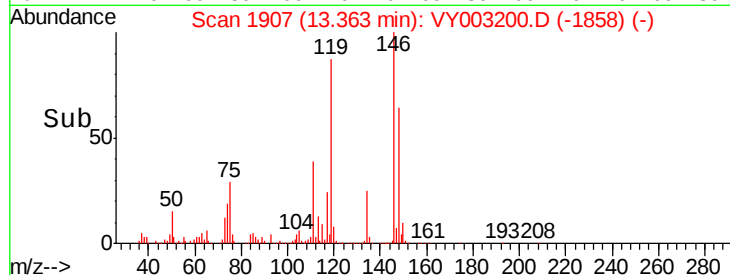
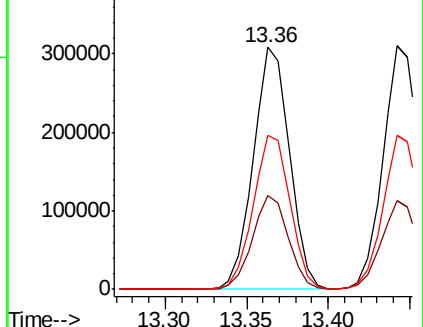
148 64.5 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.610 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

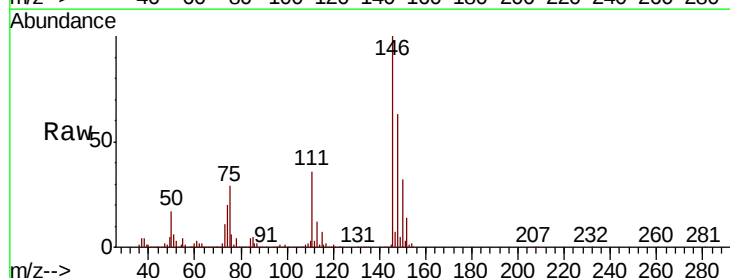
Tgt Ion:146 Resp: 481942

Ion Ratio Lower Upper

146 100

111 36.6 18.4 55.0

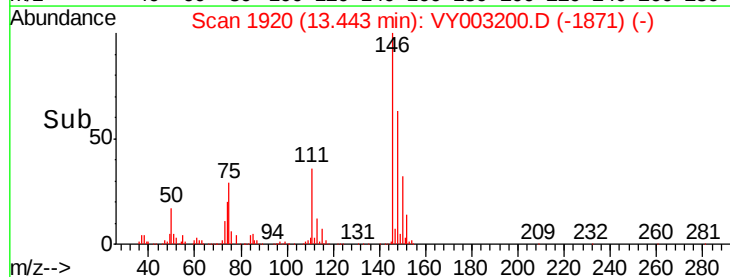
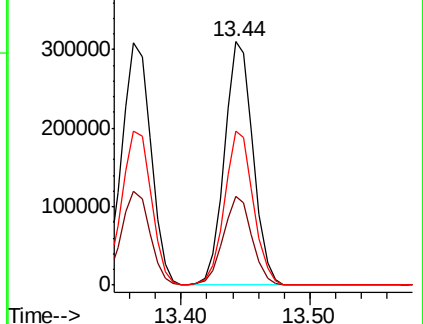
148 63.4 32.0 96.0

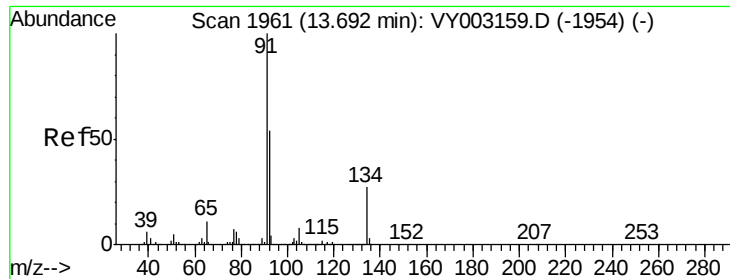


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

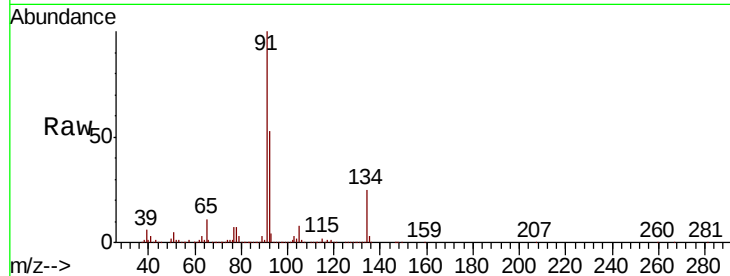




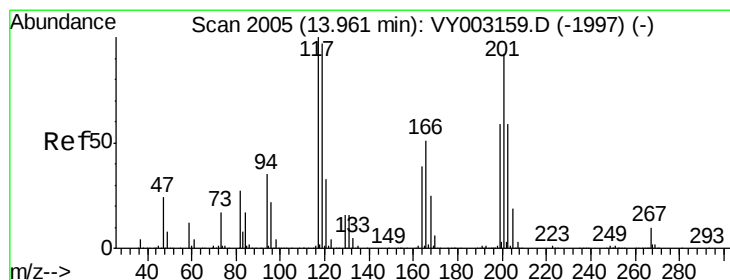
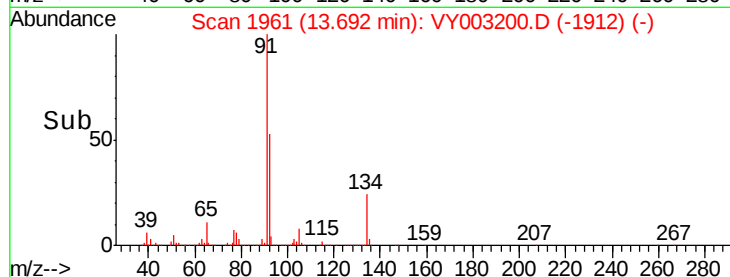
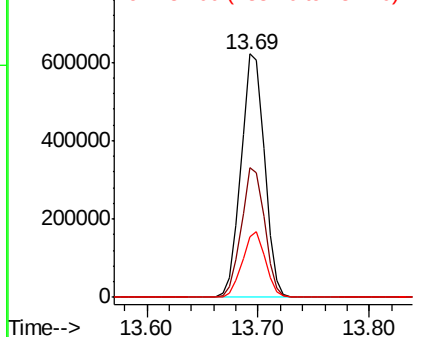
#89
n-Butylbenzene
Concen: 50.222 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 907540
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 26.4 13.6 40.7

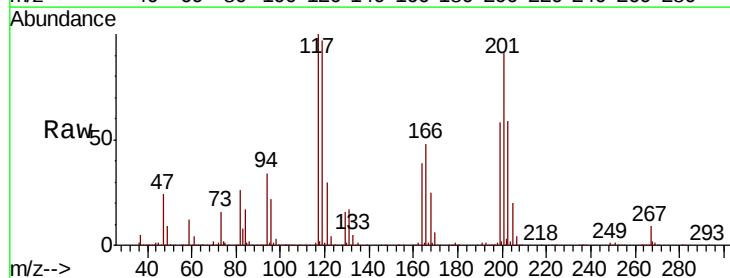


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

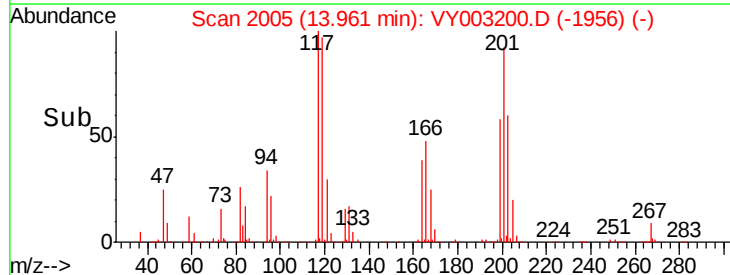
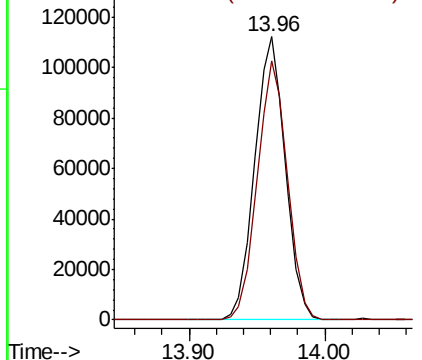


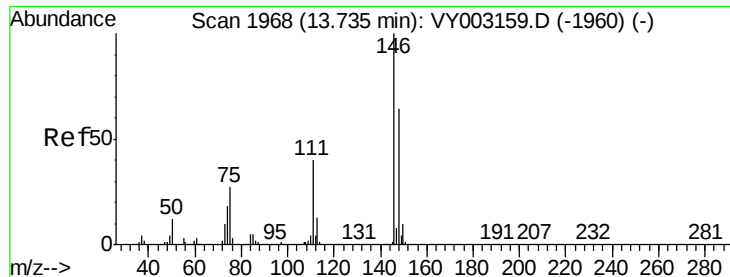
#90
Hexachloroethane
Concen: 50.573 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003200.D
Acq: 14 Jul 2020 17:00

Tgt Ion: 117 Resp: 176933
Ion Ratio Lower Upper
117 100
201 90.1 45.1 135.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

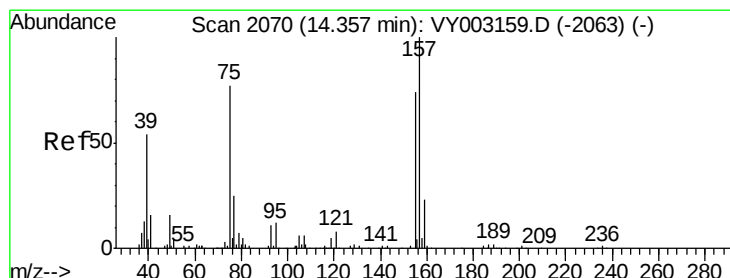
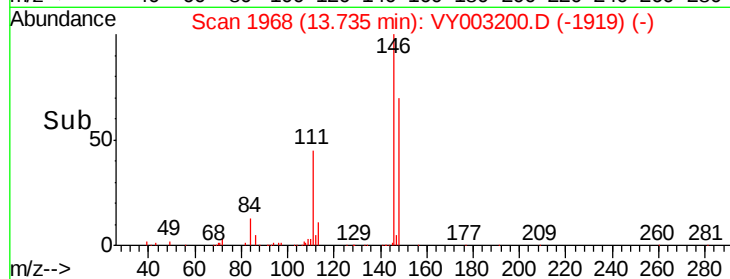
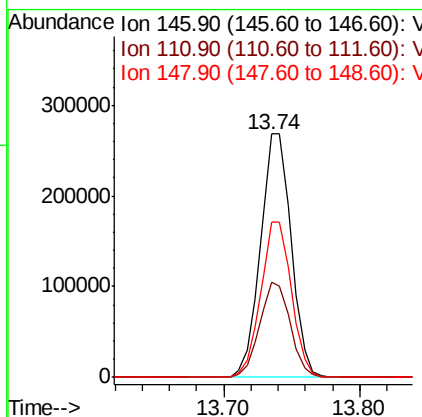
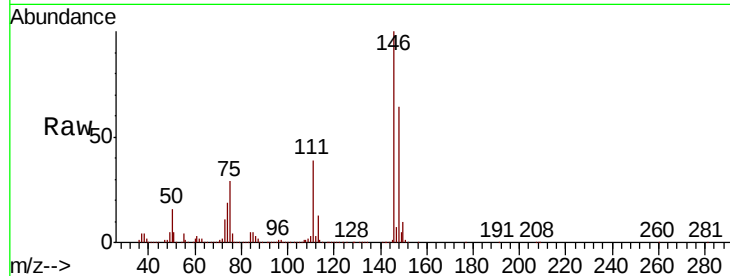




#91
 1,2-Dichlorobenzene
 Concen: 49.568 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

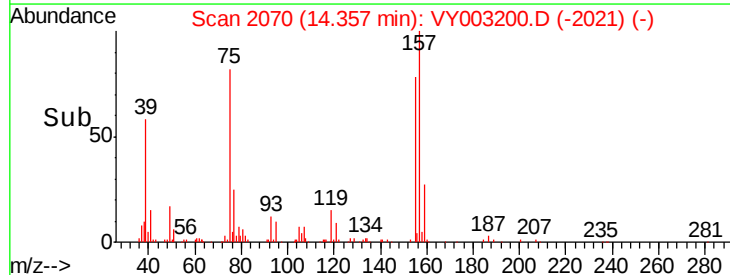
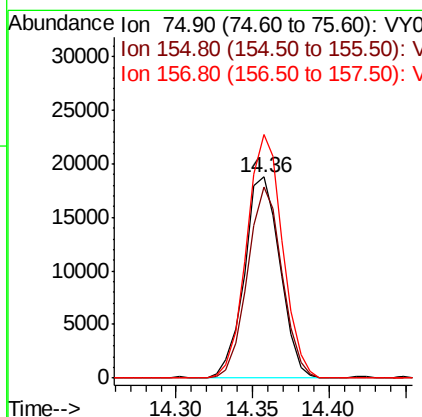
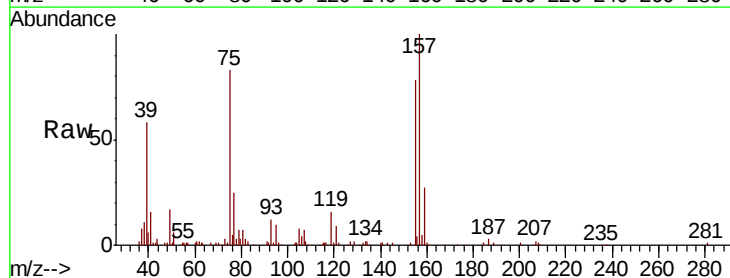
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

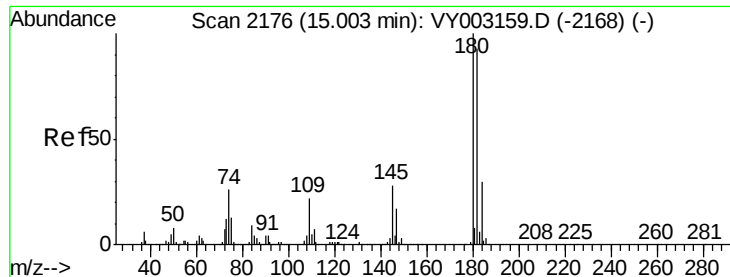
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.8
148	63.7	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.928 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	48.1	144.3
157	121.3	61.9	185.6

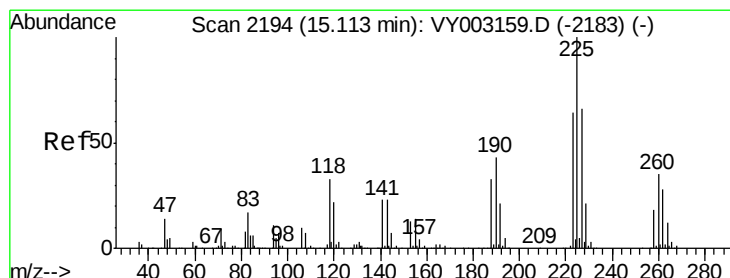
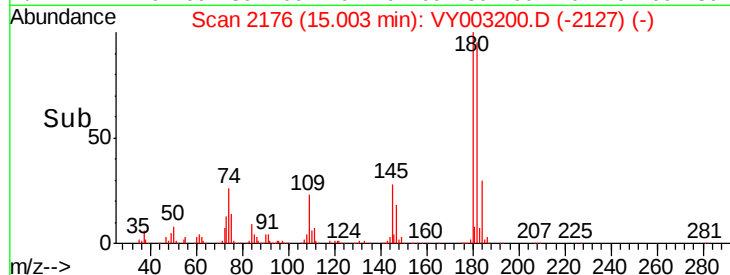
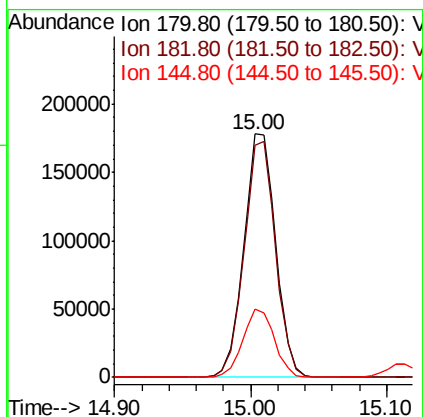
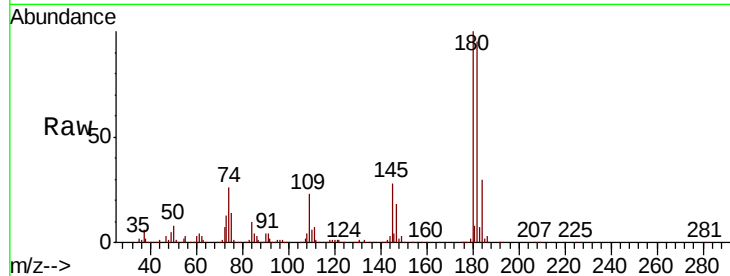




#93
 1,2,4-Trichlorobenzene
 Concen: 47.368 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

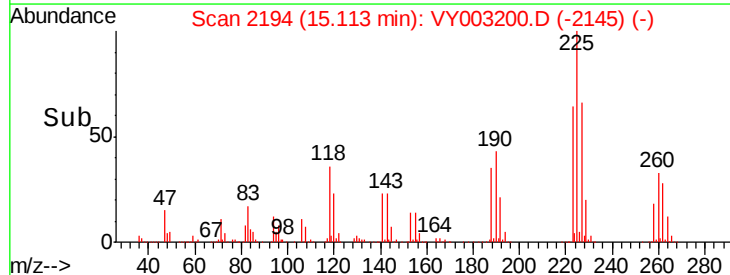
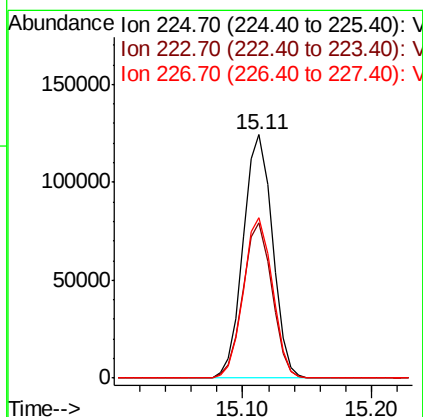
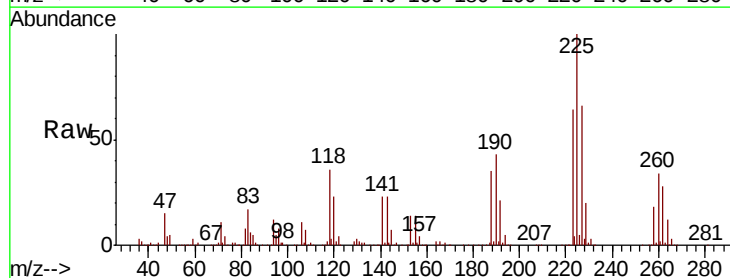
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

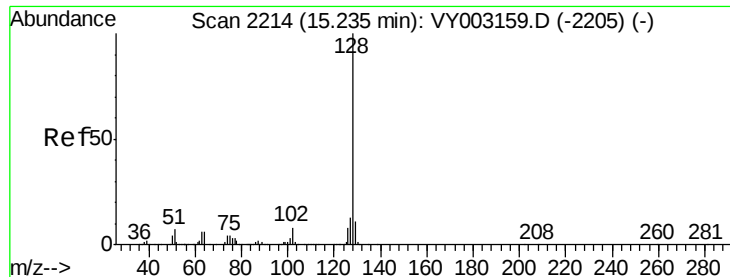
Tot Ion:180 Resp: 290168
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.3 142.0
 145 27.9 13.7 41.1



#94
 Hexachlorobutadiene
 Concen: 46.533 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003200.D
 Acq: 14 Jul 2020 17:00

Tgt Ion:225 Resp: 195323
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.6 94.7
 227 65.4 32.3 96.8





#95

Naphthalene

Concen: 46.669 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

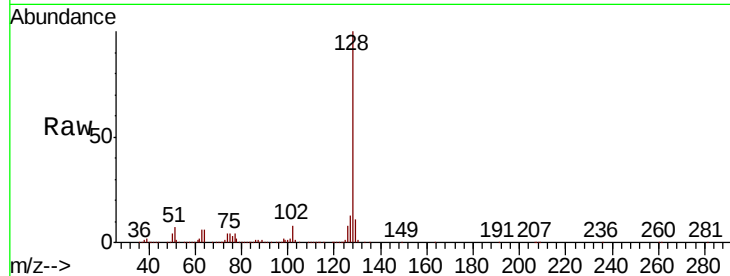
Tot Ion:128 Resp: 472468

Ion Ratio Lower Upper

128 100

127 13.2 10.9 16.3

129 10.7 9.0 13.6



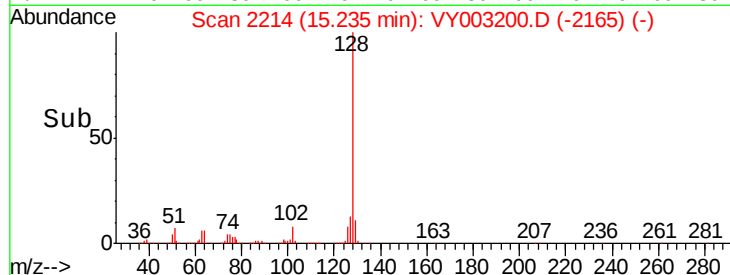
Abundance

Ion 128.00 (127.70 to 128.70): V

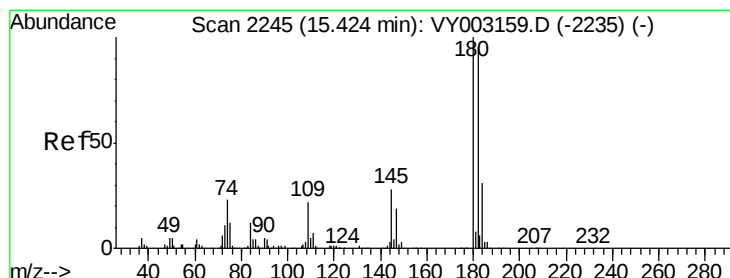
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.23



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 45.885 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003200.D

Acq: 14 Jul 2020 17:00

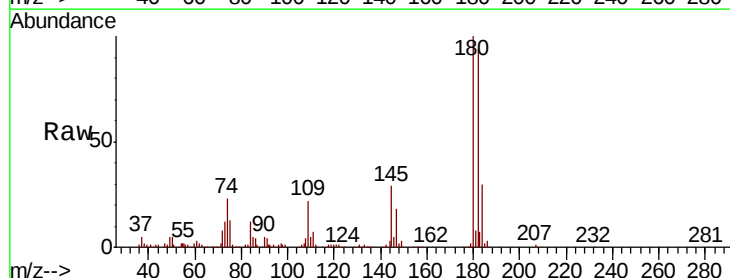
Tgt Ion:180 Resp: 222194

Ion Ratio Lower Upper

180 100

182 94.9 48.8 146.3

145 29.4 14.9 44.5



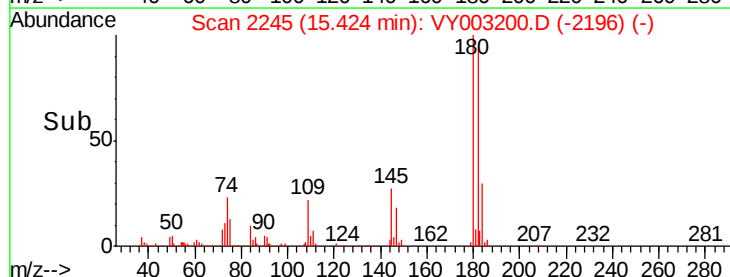
Abundance

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

15.42



Time-->