

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
 Data File : VY003139.D
 Acq On : 08 Jul 2020 16:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 09 02:33:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	384486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	547134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	512308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	273786	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	180112	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
35) Dibromofluoromethane	7.72	113	185389	54.32	ug/l	0.00
Spiked Amount			Recovery	=	108.64%	
50) Toluene-d8	10.18	98	669465	52.65	ug/l	0.00
Spiked Amount			Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.48	95	237090	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	128805	44.235	ug/l	97
3) Chloromethane	2.12	50	185651	43.539	ug/l	99
4) Vinyl Chloride	2.26	62	195534	47.012	ug/l	97
5) Bromomethane	2.66	94	151661	53.704	ug/l	99
6) Chloroethane	2.80	64	131271	49.613	ug/l	99
7) Trichlorofluoromethane	3.13	101	291393	49.637	ug/l	97
8) Diethyl Ether	3.54	74	98830	49.107	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.91	101	177895	50.751	ug/l	98
10) Methyl Iodide	4.10	142	173934	40.017	ug/l	98
11) Tert butyl alcohol	4.97	59	64297	165.215	ug/l #	92
12) 1,1-Dichloroethene	3.88	96	165272	49.555	ug/l	88
13) Acrolein	3.74	56	77648	222.148	ug/l	99
14) Allyl chloride	4.49	41	243099	41.748	ug/l	96
15) Acrylonitrile	5.18	53	226049	217.939	ug/l	99
16) Acetone	3.96	43	160872	178.620	ug/l	100
17) Carbon Disulfide	4.20	76	482909	45.319	ug/l	100
18) Methyl Acetate	4.49	43	103438	42.629	ug/l	93
19) Methyl tert-butyl Ether	5.22	73	479071	49.279	ug/l	99
20) Methylene Chloride	4.72	84	213653	53.673	ug/l	91
21) trans-1,2-Dichloroethene	5.22	96	188841	50.057	ug/l	91
22) Diisopropyl ether	6.13	45	560922	44.944	ug/l	97
23) Vinyl Acetate	6.07	43	1869177	224.013	ug/l	97
24) 1,1-Dichloroethane	6.03	63	327448	48.030	ug/l	99
25) 2-Butanone	7.00	43	276546	193.299	ug/l	95
26) 2,2-Dichloropropane	6.99	77	290826	46.952	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	213109	50.365	ug/l	93
28) Bromochloromethane	7.34	49	151279	49.871	ug/l	86
29) Tetrahydrofuran	7.35	42	194542	204.480	ug/l	90
30) Chloroform	7.51	83	338663	50.142	ug/l	100
31) Cyclohexane	7.79	56	281956	41.981	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	303647	49.253	ug/l	99
36) 1,1-Dichloropropene	7.92	75	262499	49.808	ug/l	98
37) Ethyl Acetate	7.08	43	150318	47.438	ug/l	98
38) Carbon Tetrachloride	7.91	117	277110	50.537	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	323951	49.577	ug/l	95
40) Benzene	8.16	78	732242	50.750	ug/l	98
41) Methacrylonitrile	7.35	41	187709	110.895	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	221720	48.575	ug/l	99
43) Isopropyl Acetate	8.28	43	274091	45.500	ug/l	95
44) Trichloroethene	8.94	130	226945	54.116	ug/l	99
45) 1,2-Dichloropropane	9.22	63	191598	49.358	ug/l	98
46) Dibromomethane	9.31	93	114364	52.750	ug/l	99
47) Bromodichloromethane	9.50	83	274560	51.719	ug/l	100
48) Methyl methacrylate	9.30	41	125961	45.939	ug/l	92
49) 1,4-Dioxane	9.32	88	18737	707.986	ug/l #	73
51) 4-Methyl-2-Pentanone	10.07	43	732986	235.421	ug/l	97
52) Toluene	10.24	92	470064	51.753	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	279440	50.206	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	321026	50.433	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	160508	53.277	ug/l	99
56) Ethyl methacrylate	10.51	69	225813	51.780	ug/l	94
57) 1,3-Dichloropropane	10.79	76	270720	51.187	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	573665	256.485	ug/l	96
59) 2-Hexanone	10.83	43	507015	232.978	ug/l	96
60) Dibromochloromethane	10.99	129	211139	54.764	ug/l	98
61) 1,2-Dibromoethane	11.09	107	159543	53.717	ug/l	100
64) Tetrachloroethene	10.72	164	262935	60.641	ug/l	97
65) Chlorobenzene	11.52	112	523732	51.846	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	209608	53.147	ug/l	100
67) Ethyl Benzene	11.59	91	942592	51.005	ug/l	99
68) m/p-Xylenes	11.70	106	713641	103.756	ug/l	98
69) o-Xylene	12.03	106	335953	51.833	ug/l	97
70) Styrene	12.04	104	587976	53.101	ug/l	98
71) Bromoform	12.20	173	138467	52.653	ug/l	98
73) Isopropylbenzene	12.33	105	918335	51.252	ug/l	100
74) N-amyl acetate	12.14	43	267200	45.807	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	179691	49.694	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	254661	93.983	ug/l #	100
77) Bromobenzene	12.61	156	242403	52.763	ug/l	94
78) n-propylbenzene	12.67	91	1093948	50.765	ug/l	99
79) 2-Chlorotoluene	12.75	91	602375	50.080	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	764893	50.871	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	69219	49.701	ug/l	96
82) 4-Chlorotoluene	12.85	91	635251	50.726	ug/l	98
83) tert-Butylbenzene	13.07	119	673195	50.989	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	776752	51.267	ug/l	98
85) sec-Butylbenzene	13.25	105	936643	51.470	ug/l	100
86) p-Isopropyltoluene	13.37	119	862446	51.146	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	451010	52.582	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	441997	52.259	ug/l	99
89) n-Butylbenzene	13.70	91	822729	50.994	ug/l	99
90) Hexachloroethane	13.96	117	164526	49.136	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	401592	52.185	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32488	50.754	ug/l	93

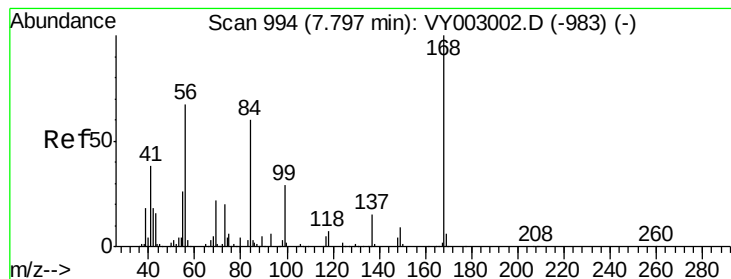
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	295294	51.640	ug/l	100
94) Hexachlorobutadiene	15.11	225	179405	49.739	ug/l	97
95) Naphthalene	15.23	128	560369	53.652	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	252398	50.831	ug/l	100

(#) = 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: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

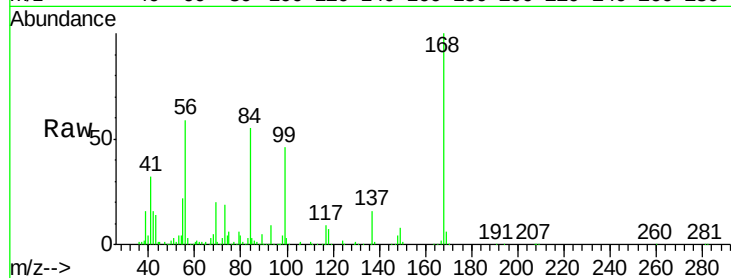
VSTDCCC050EC

Tot Ion:168 Resp: 384486

Ion Ratio Lower Upper

168 100

99 46.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003139.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003139.D (-945) (-)

7.80

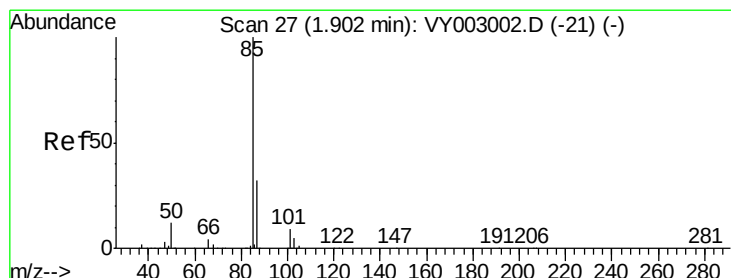
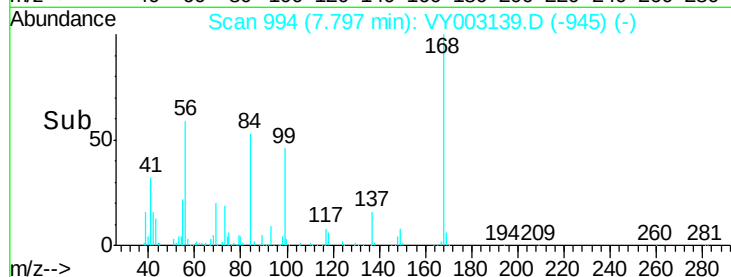
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.235 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003139.D

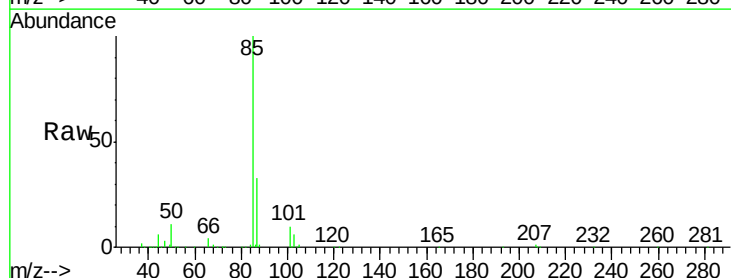
Acq: 08 Jul 2020 16:38

Tgt Ion: 85 Resp: 128805

Ion Ratio Lower Upper

85 100

87 33.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003139.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003139.D (-1) (-)

1.91

100000

80000

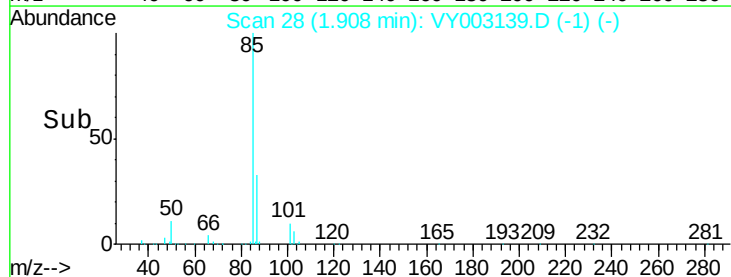
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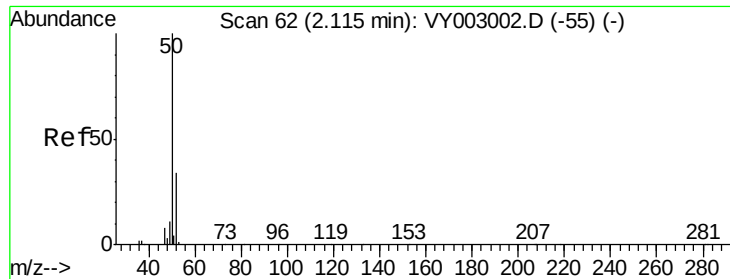
40000

20000

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Time-->





#3

Chloromethane

Concen: 43.539 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

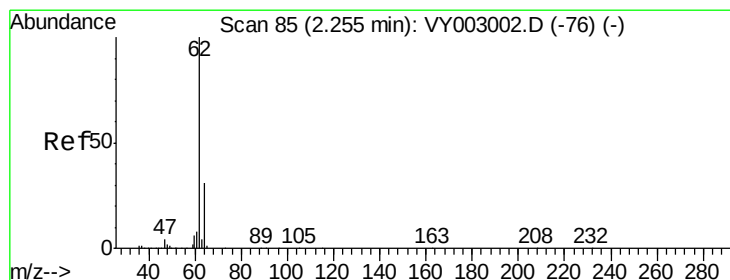
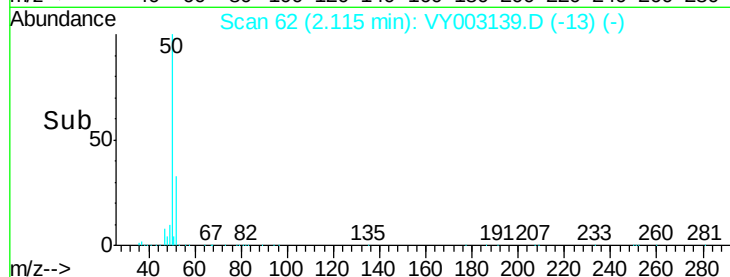
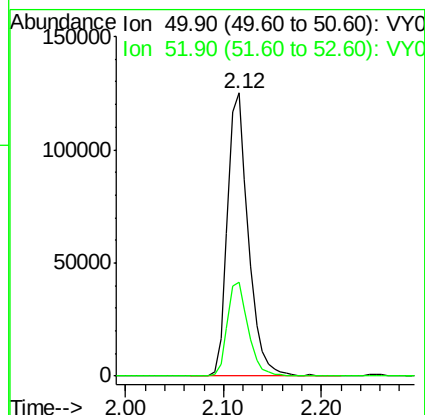
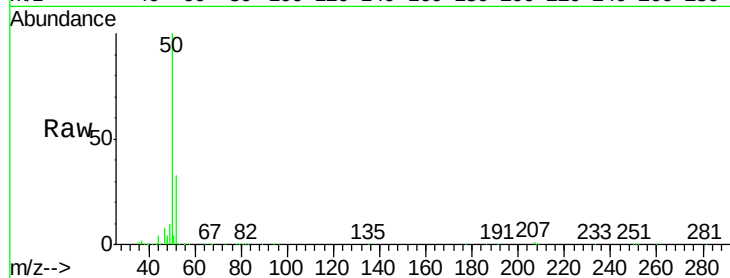
VSTDCCC050EC

Tot Ion: 50 Resp: 185651

Ion Ratio Lower Upper

50 100

52 33.3 26.9 40.3



#4

Vinyl Chloride

Concen: 47.012 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003139.D

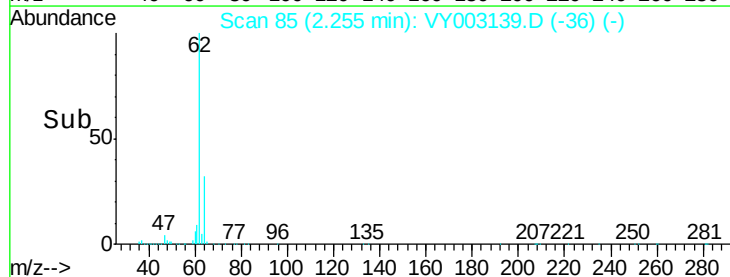
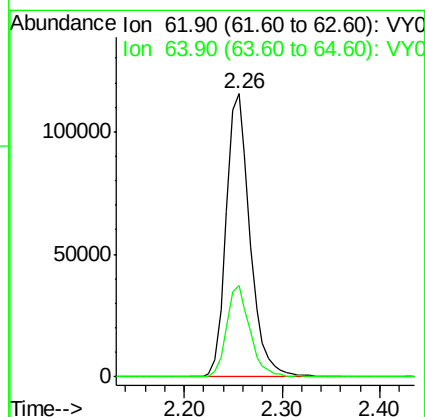
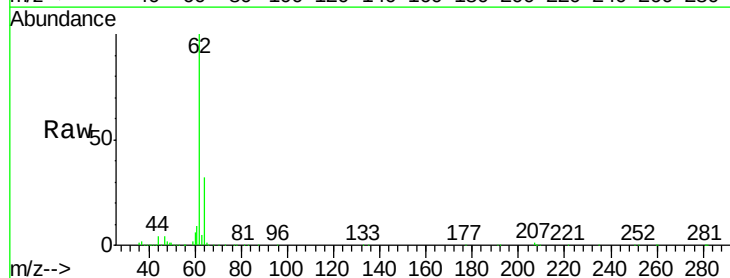
Acq: 08 Jul 2020 16:38

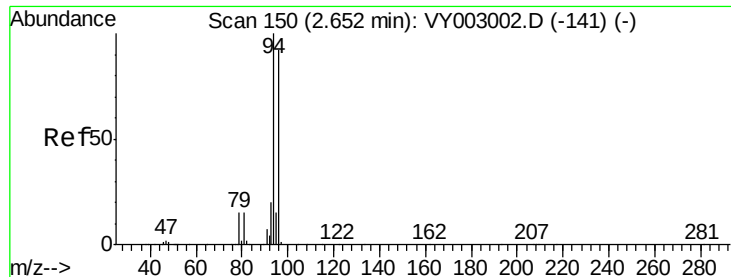
Tgt Ion: 62 Resp: 195534

Ion Ratio Lower Upper

62 100

64 32.1 24.4 36.6





#5

Bromomethane

Concen: 53.704 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

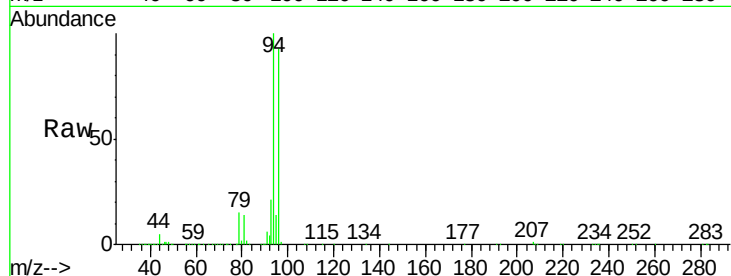
VSTDCCC050EC

Tot Ion: 94 Resp: 151661

Ion Ratio Lower Upper

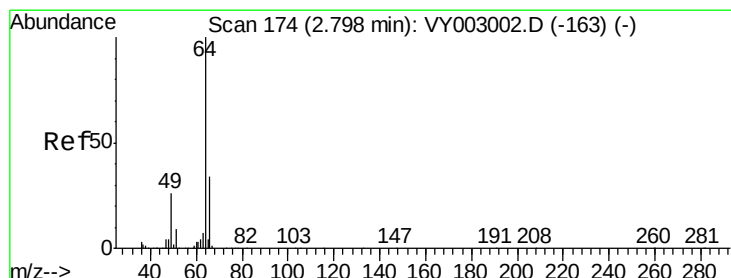
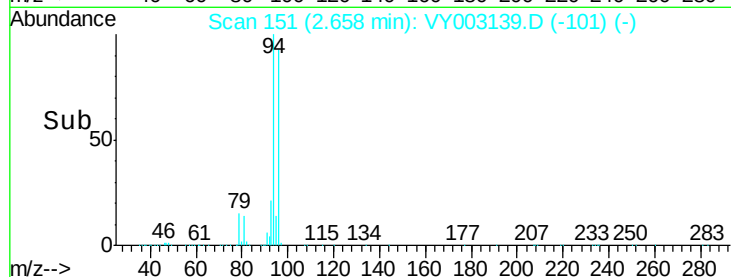
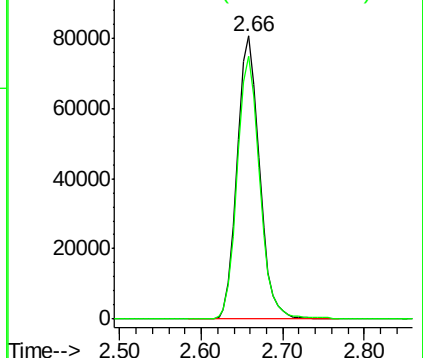
94 100

96 92.8 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.613 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003139.D

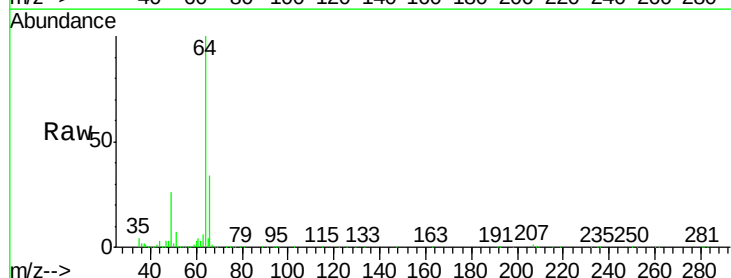
Acq: 08 Jul 2020 16:38

Tgt Ion: 64 Resp: 131271

Ion Ratio Lower Upper

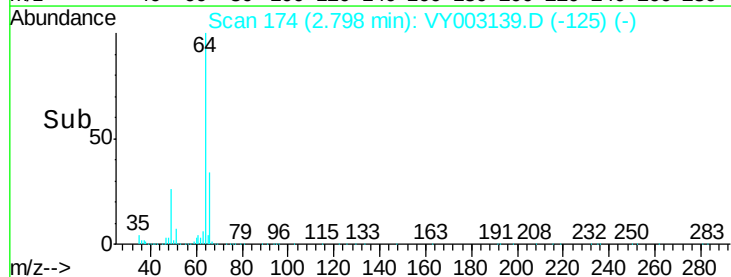
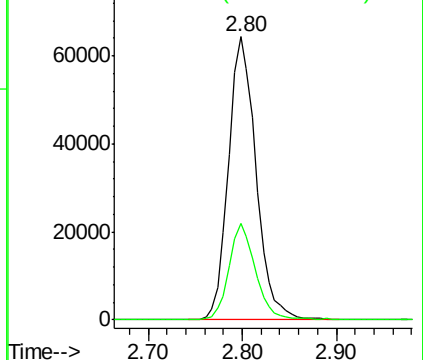
64 100

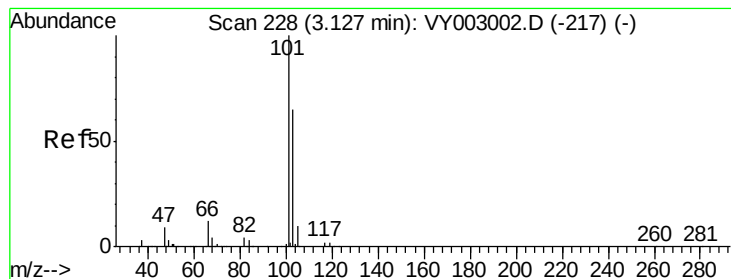
66 34.1 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



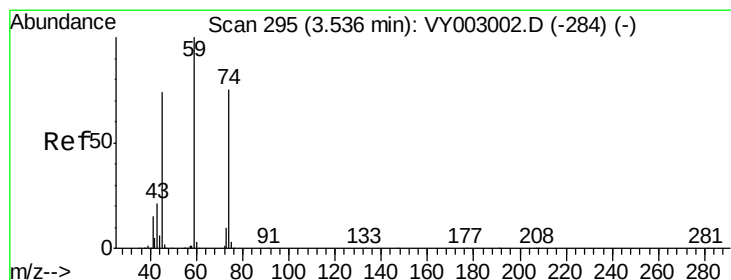
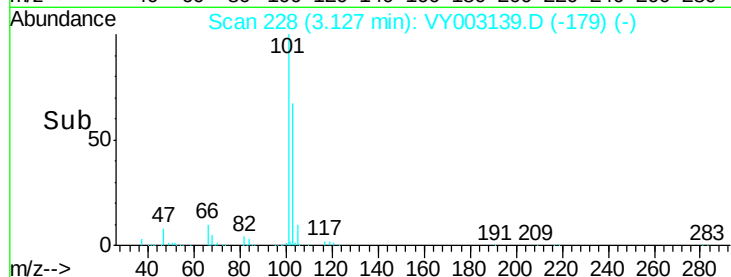
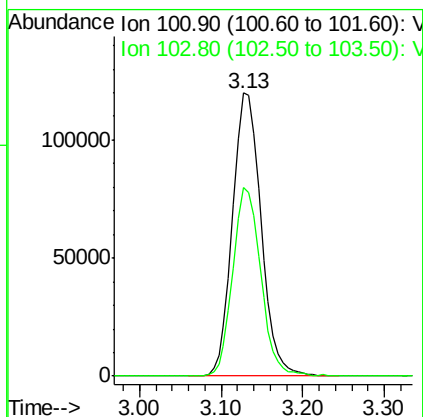
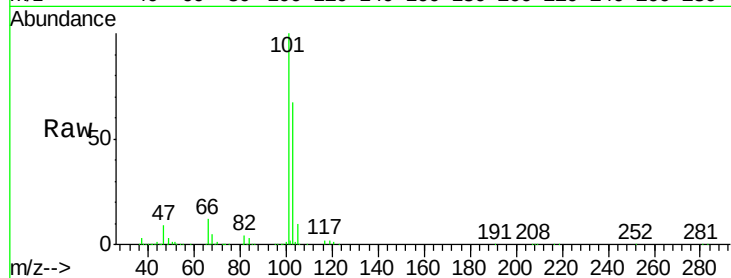


#7

Trichlorofluoromethane
Concen: 49.637 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Instrument :
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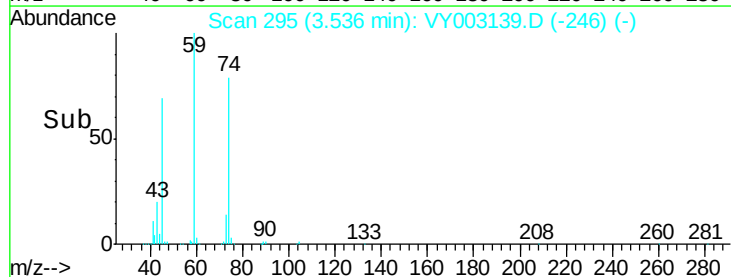
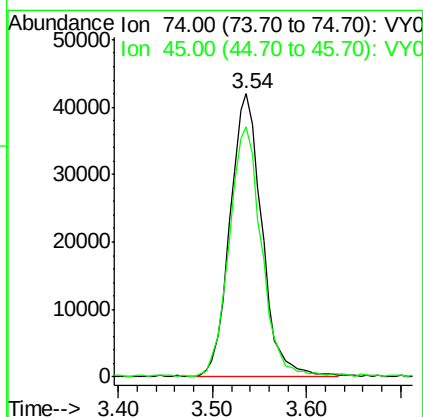
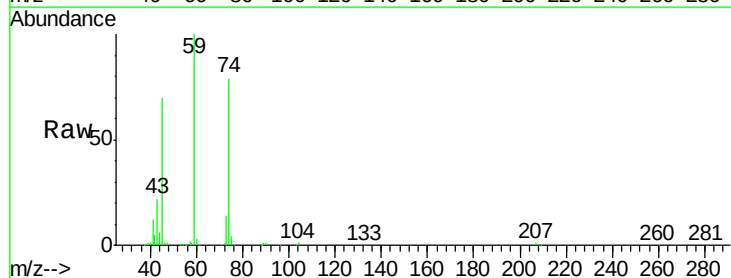
Tot Ion:101 Resp: 291393
Ion Ratio Lower Upper
101 100
103 66.5 51.6 77.4

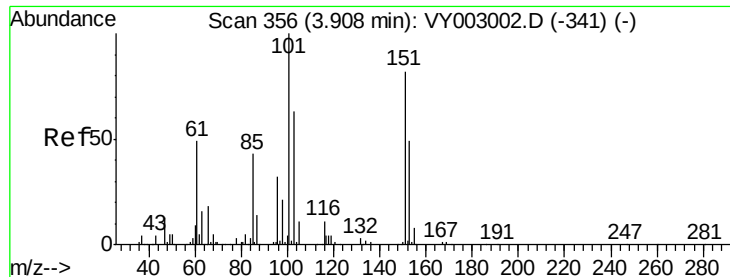


#8

Diethyl Ether
Concen: 49.107 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Tgt Ion: 74 Resp: 98830
Ion Ratio Lower Upper
74 100
45 88.2 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.751 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

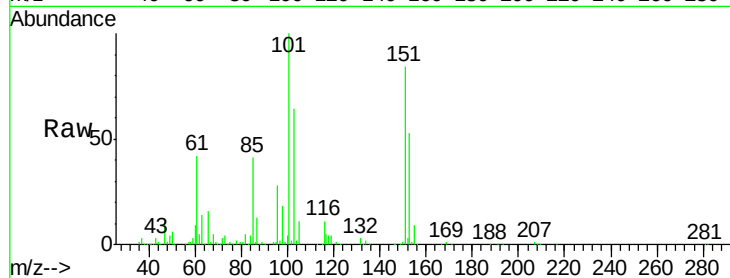
Tot Ion:101 Resp: 177895

Ion Ratio Lower Upper

101 100

85 42.7 35.5 53.3

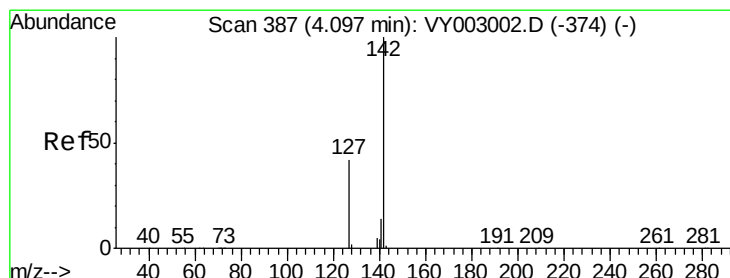
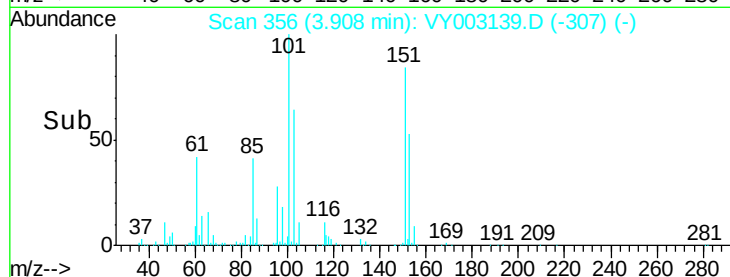
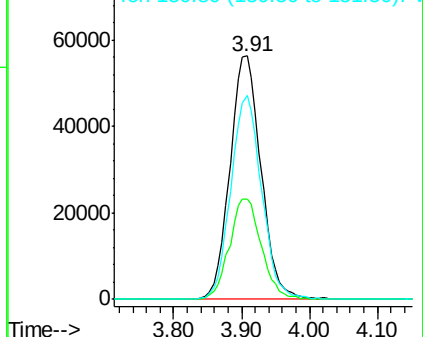
151 83.3 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.017 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

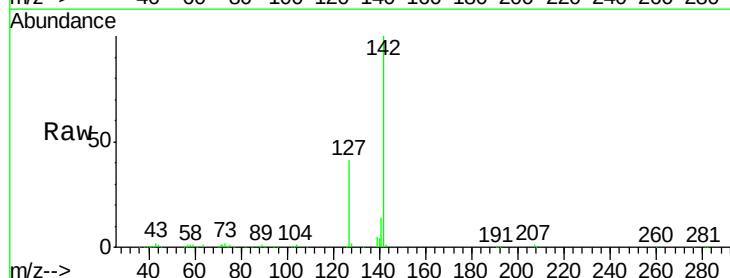
Tgt Ion:142 Resp: 173934

Ion Ratio Lower Upper

142 100

127 41.2 34.2 51.2

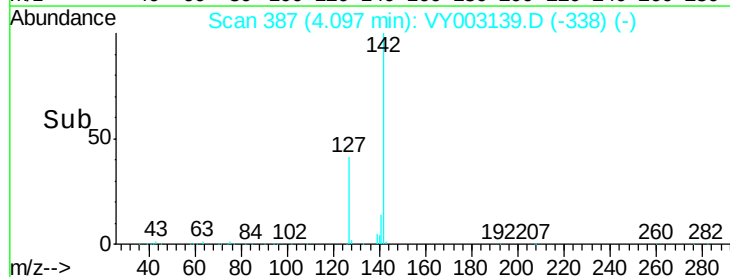
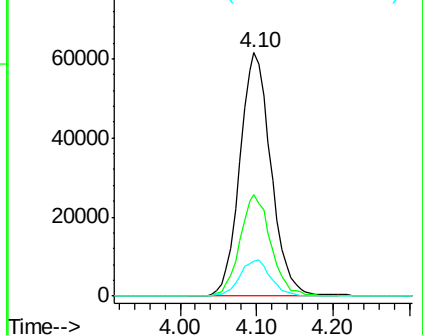
141 14.7 11.7 17.5

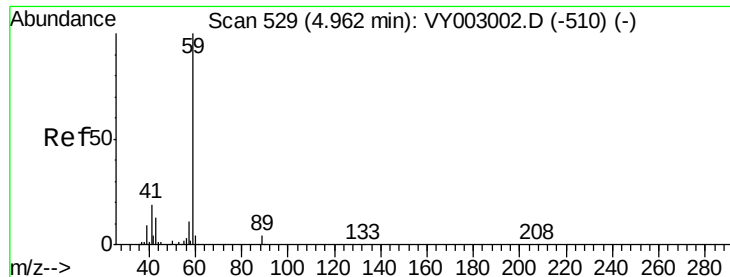


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



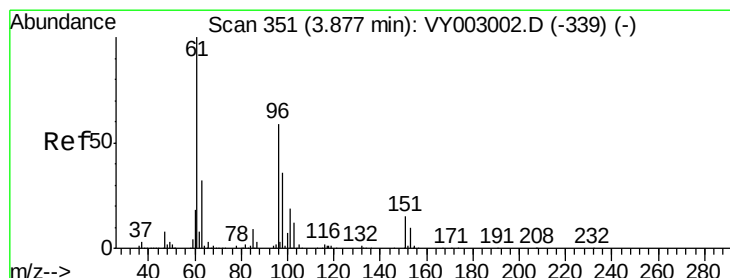
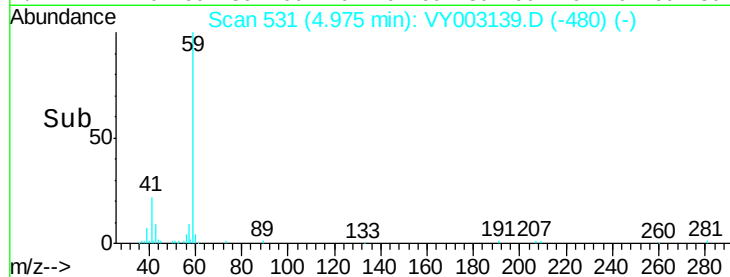
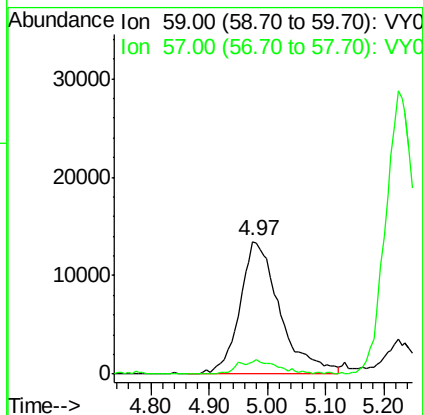
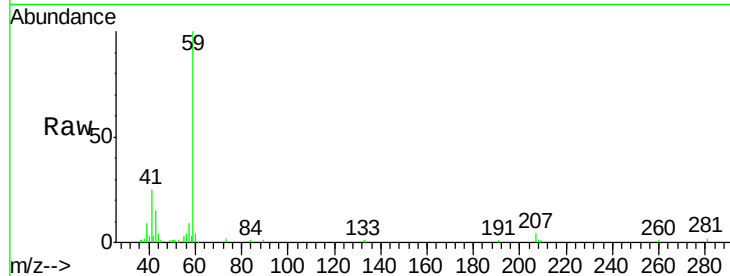


#11

Tert butyl alcohol
Concen: 165.215 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

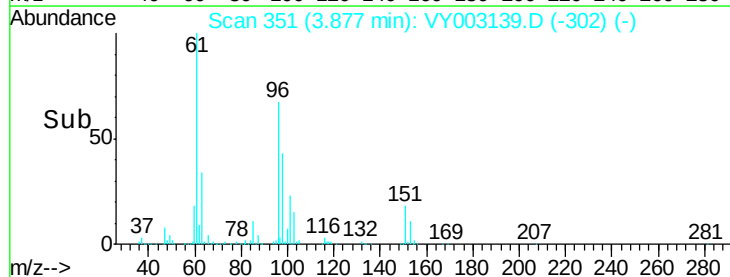
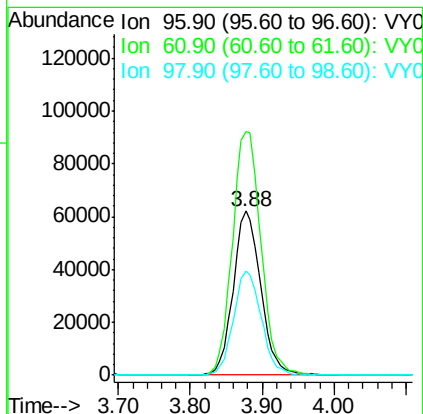
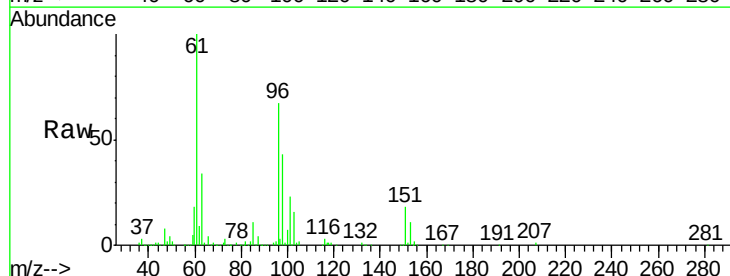
Tot Ion: 59 Resp: 64297
Ion Ratio Lower Upper
59 100
57 7.1 8.0 12.0#

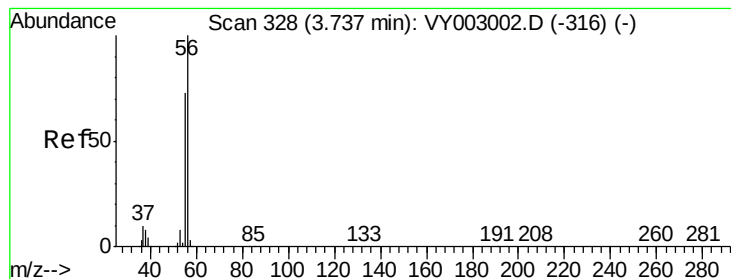


#12

1,1-Dichloroethene
Concen: 49.555 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Tgt Ion: 96 Resp: 165272
Ion Ratio Lower Upper
96 100
61 148.5 136.7 205.1
98 63.5 49.7 74.5





#13

Acrolein

Concen: 222.148 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

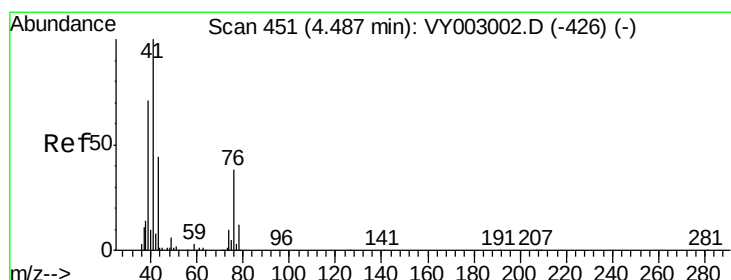
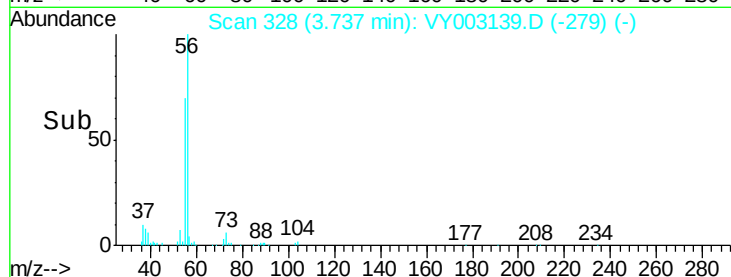
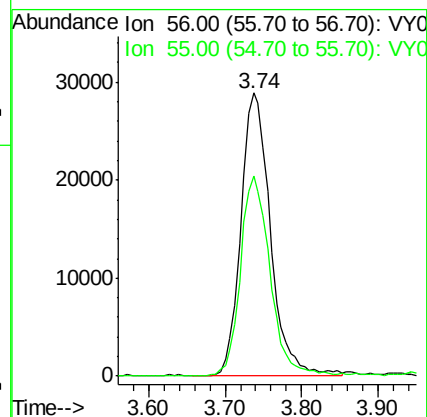
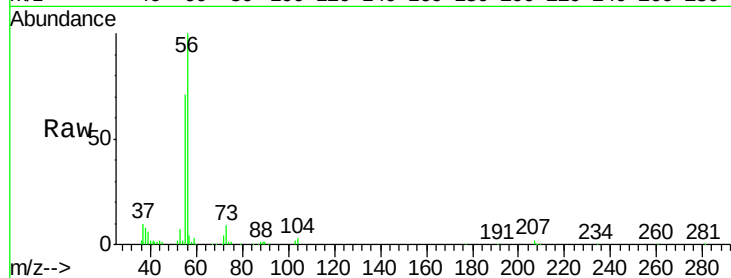
VSTDCCC050EC

Tot Ion: 56 Resp: 77648

Ion Ratio Lower Upper

56 100

55 71.0 56.4 84.6



#14

Allyl chloride

Concen: 41.748 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

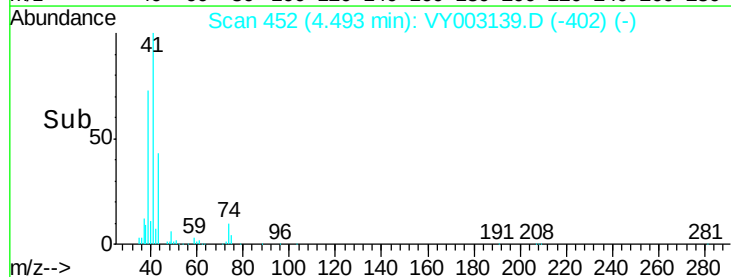
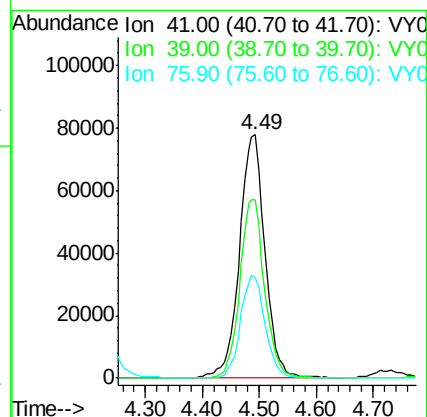
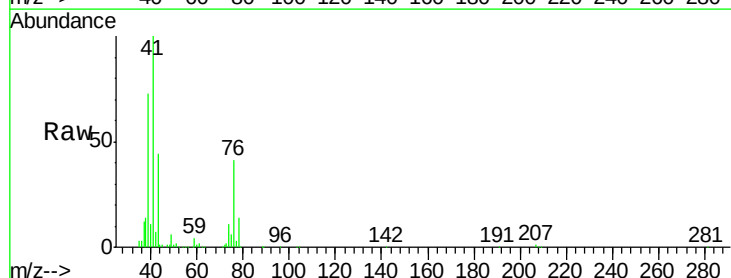
Tgt Ion: 41 Resp: 243099

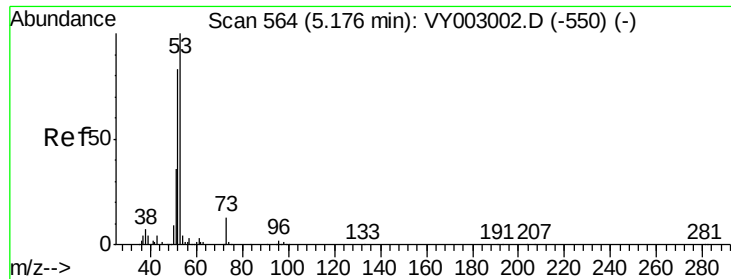
Ion Ratio Lower Upper

41 100

39 70.9 55.6 83.4

76 40.7 28.6 43.0





#15

Acrylonitrile

Concen: 217.939 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

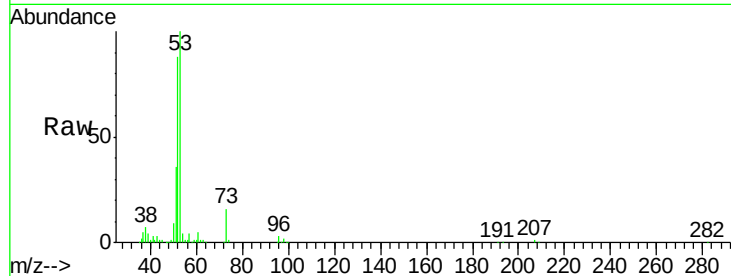
Tot Ion: 53 Resp: 226049

Ion Ratio Lower Upper

53 100

52 82.0 66.2 99.2

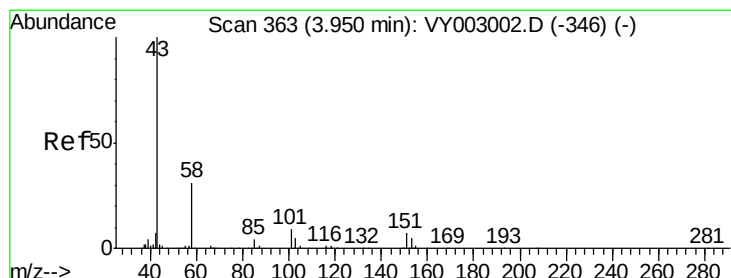
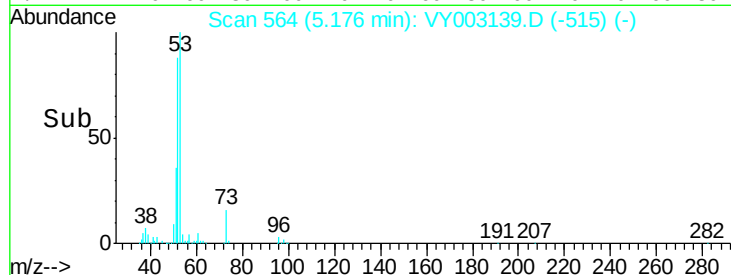
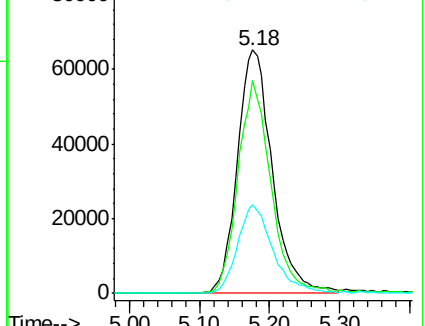
51 37.1 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 178.620 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003139.D

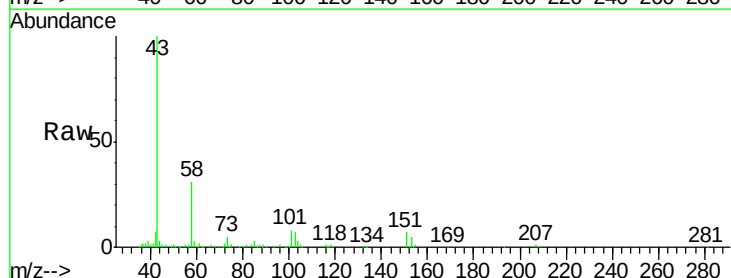
Acq: 08 Jul 2020 16:38

Tgt Ion: 43 Resp: 160872

Ion Ratio Lower Upper

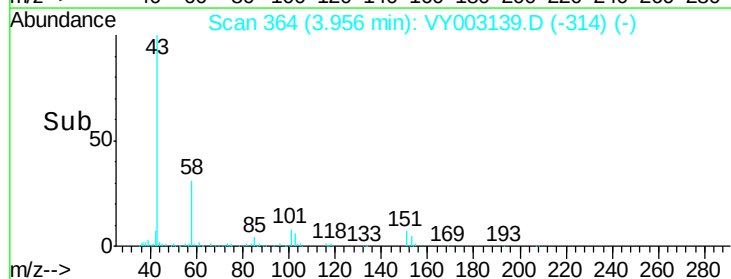
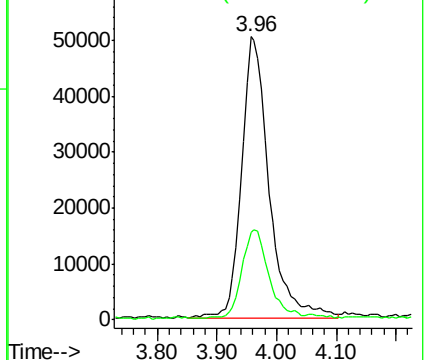
43 100

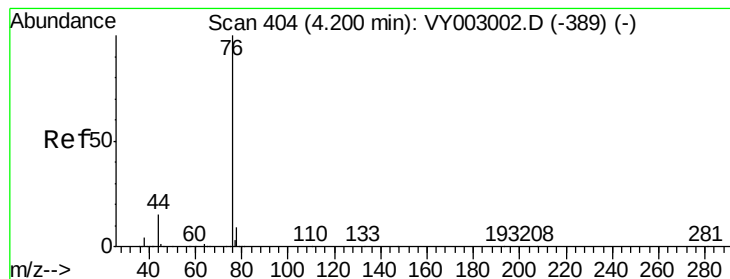
58 30.7 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 45.319 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

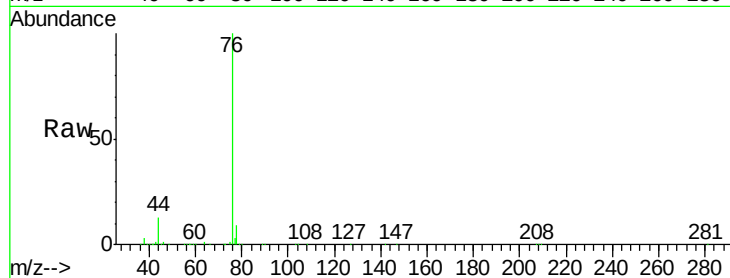
VSTDCCC050EC

Tot Ion: 76 Resp: 482909

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

200000

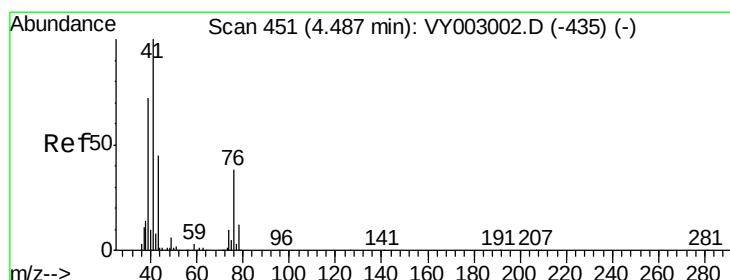
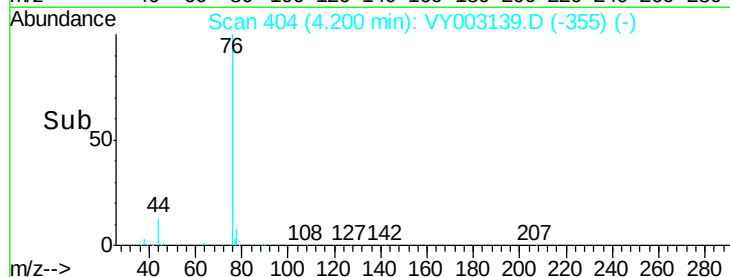
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 42.629 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY003139.D

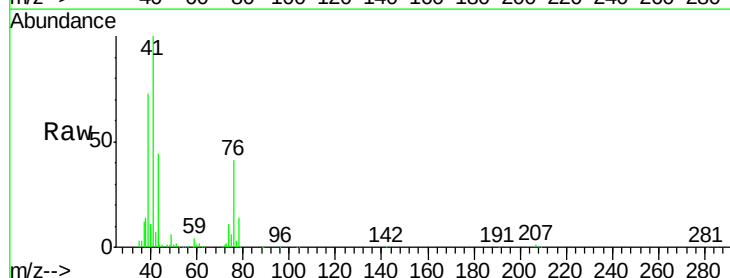
Acq: 08 Jul 2020 16:38

Tgt Ion: 43 Resp: 103438

Ion Ratio Lower Upper

43 100

74 26.1 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

40000

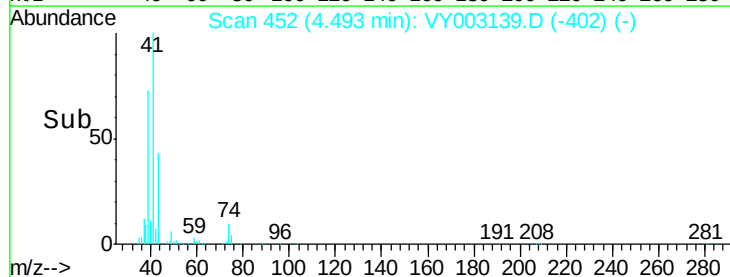
30000

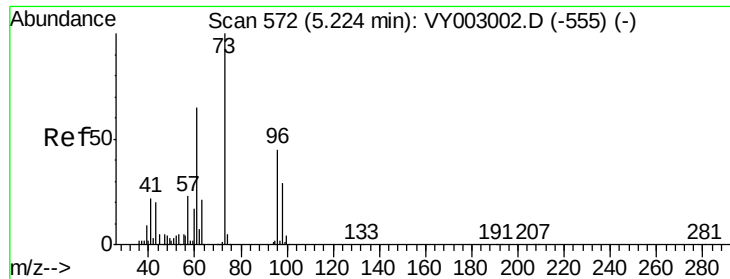
20000

10000

0

Time-->



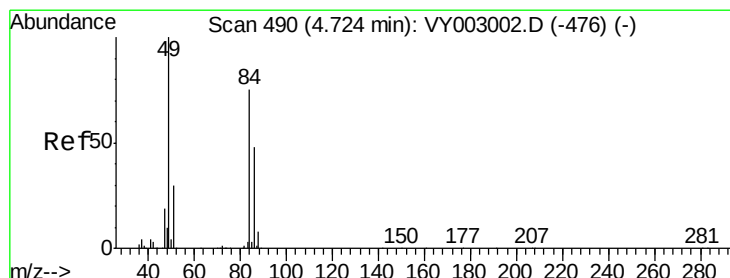
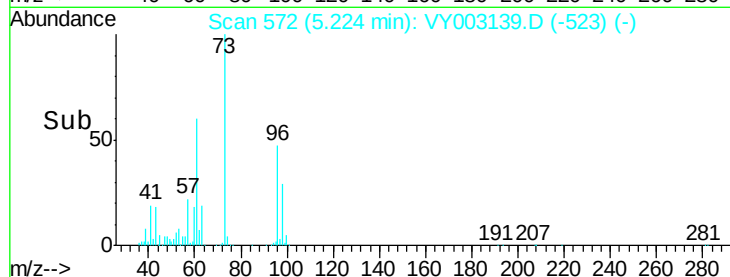
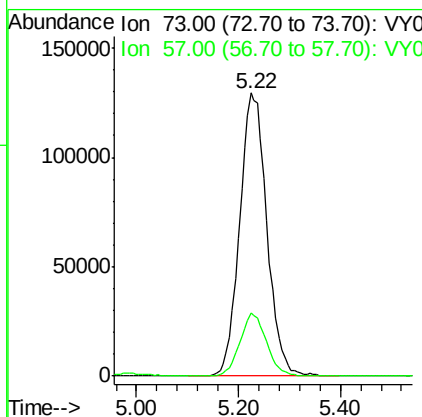
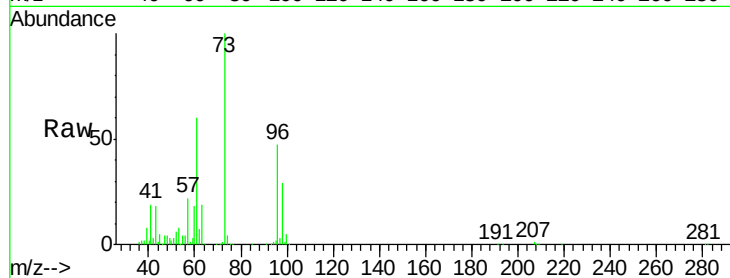


#19

Methyl tert-butyl Ether
 Concen: 49.279 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: VY003139.D
 Acq: 08 Jul 2020 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

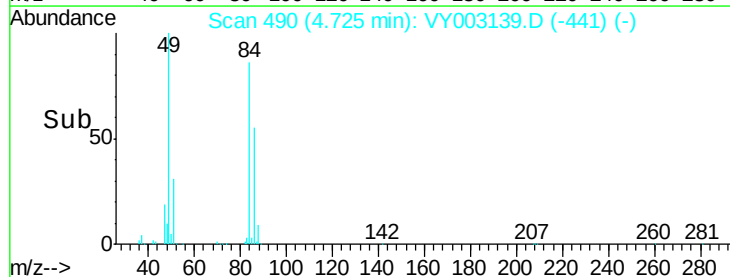
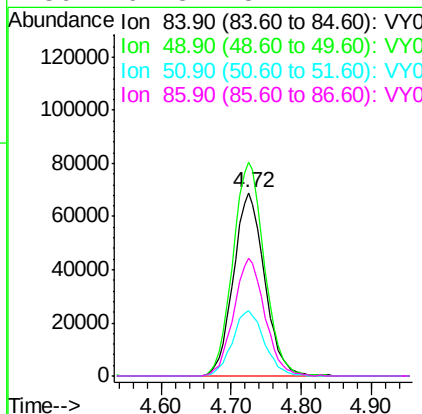
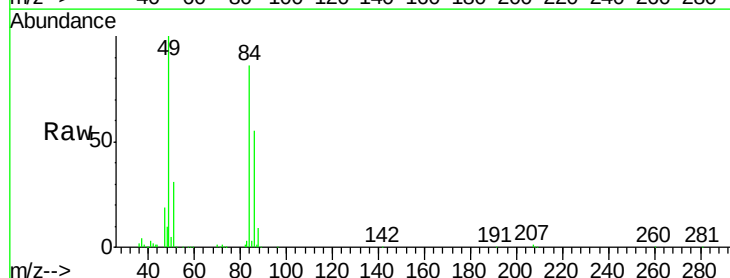
Tot Ion: 73 Resp: 479071
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.2 27.2

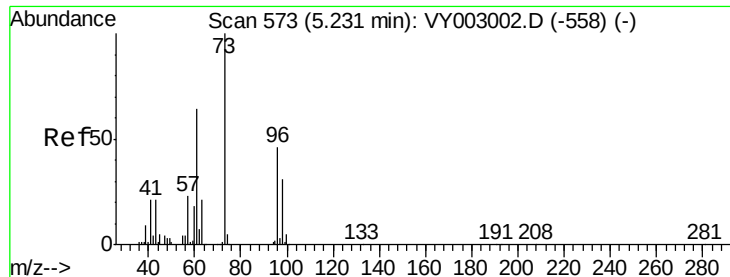


#20

Methylene Chloride
 Concen: 53.673 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003139.D
 Acq: 08 Jul 2020 16:38

Tgt Ion: 84 Resp: 213653
 Ion Ratio Lower Upper
 84 100
 49 116.6 106.8 160.2
 51 35.9 32.0 48.0
 86 64.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 50.057 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

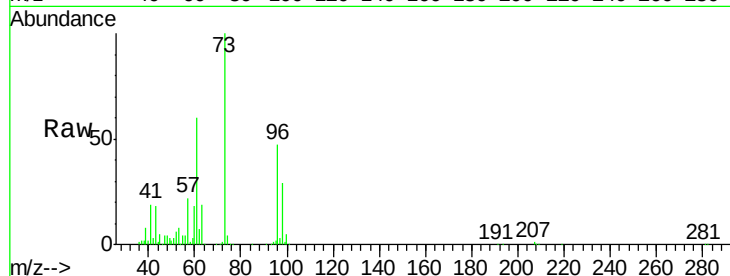
Tot Ion: 96 Resp: 188841

Ion Ratio Lower Upper

96 100

61 127.4 112.3 168.5

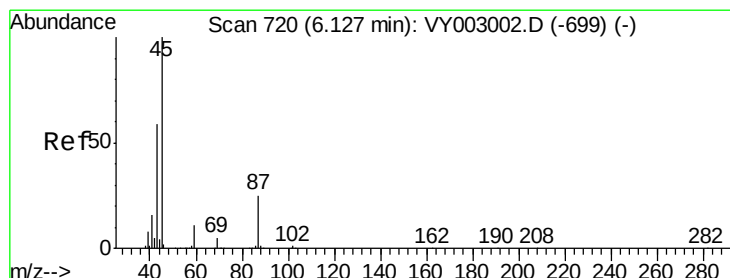
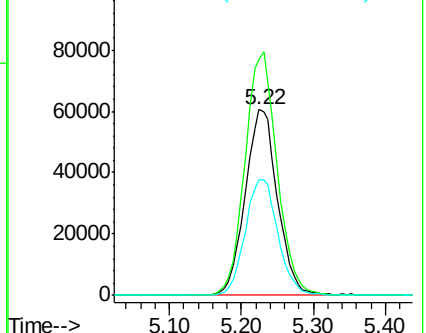
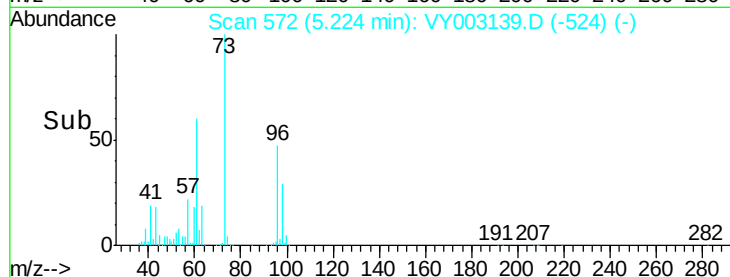
98 62.3 53.8 80.8



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 44.944 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Tgt Ion: 45 Resp: 560922

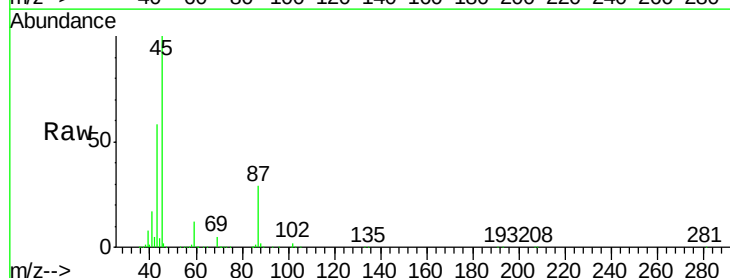
Ion Ratio Lower Upper

45 100

43 57.7 47.4 71.2

87 29.2 20.2 30.2

59 11.5 9.2 13.8

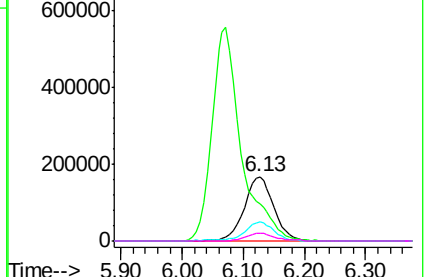
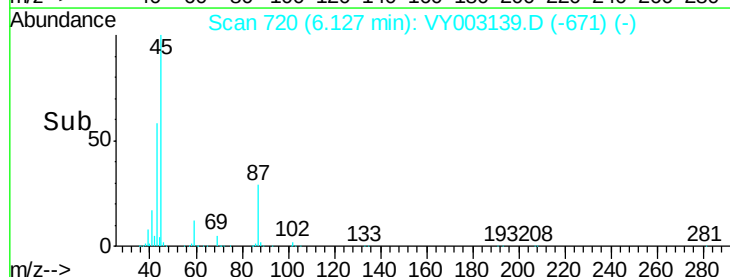


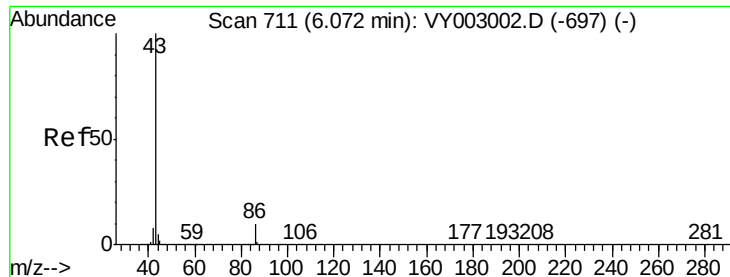
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 224.013 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

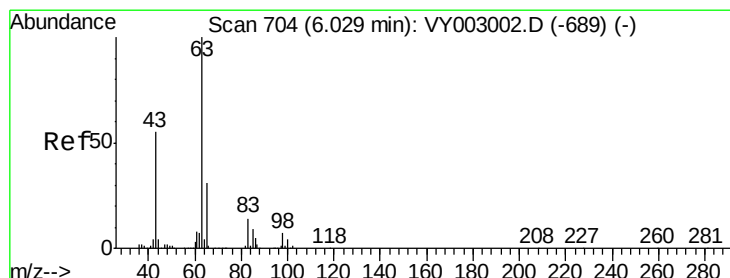
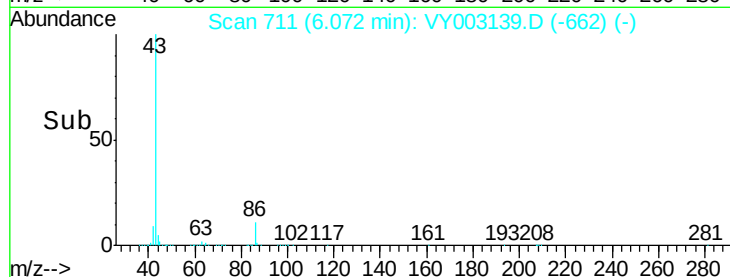
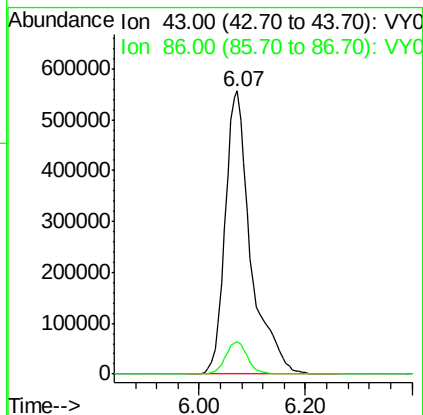
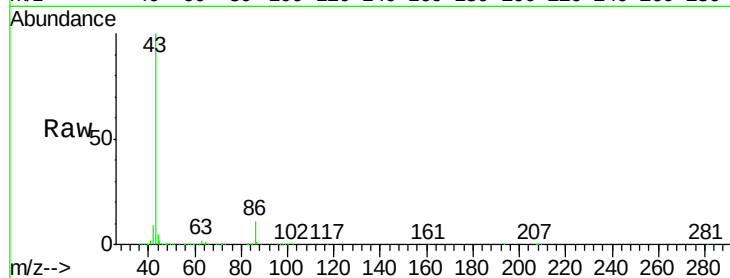
VSTDCCC050EC

Tot Ion: 43 Resp: 1869177

Ion Ratio Lower Upper

43 100

86 11.3 8.1 12.1



#24

1,1-Dichloroethane

Concen: 48.030 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

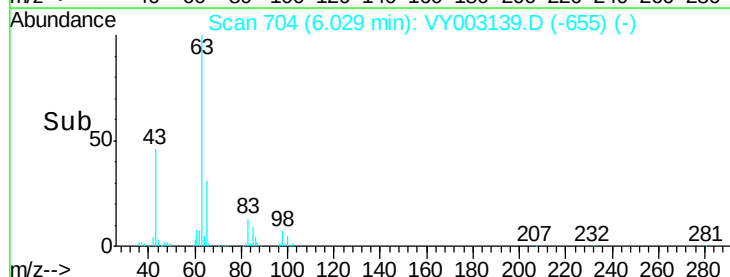
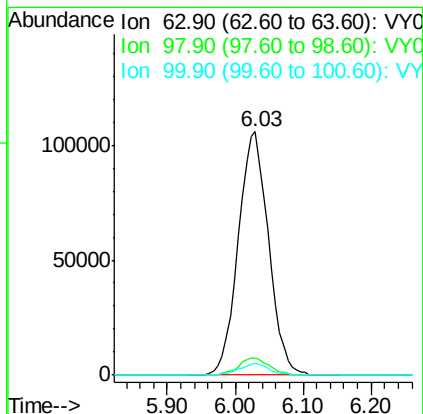
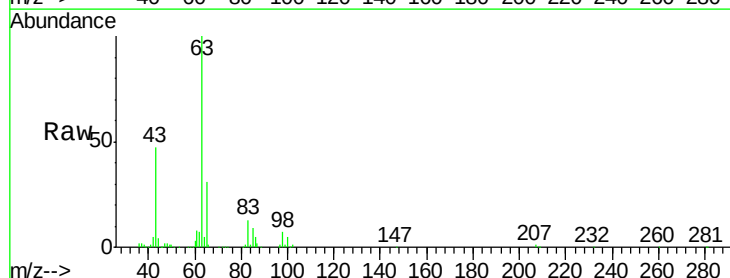
Tgt Ion: 63 Resp: 327448

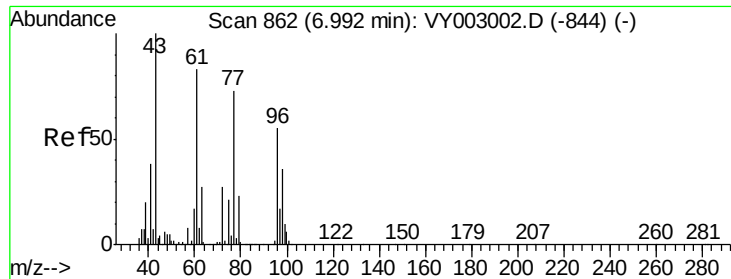
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.8 2.3 6.8





#25

2-Butanone

Concen: 193.299 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

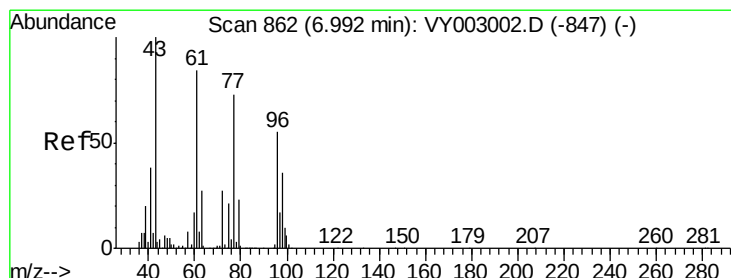
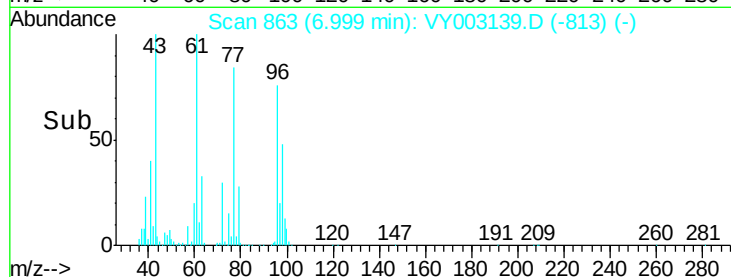
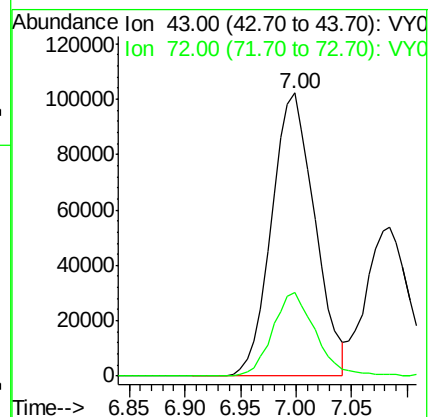
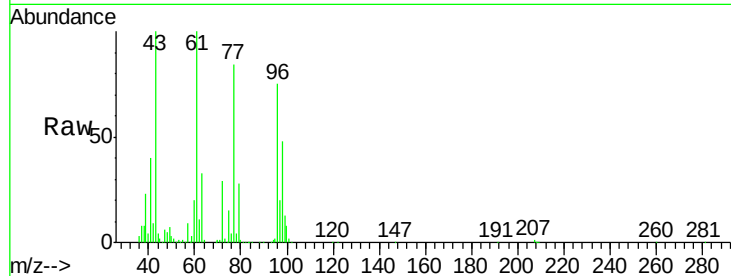
VSTDCCC050EC

Tot Ion: 43 Resp: 276546

Ion Ratio Lower Upper

43 100

72 29.5 21.4 32.0



#26

2,2-Dichloropropane

Concen: 46.952 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003139.D

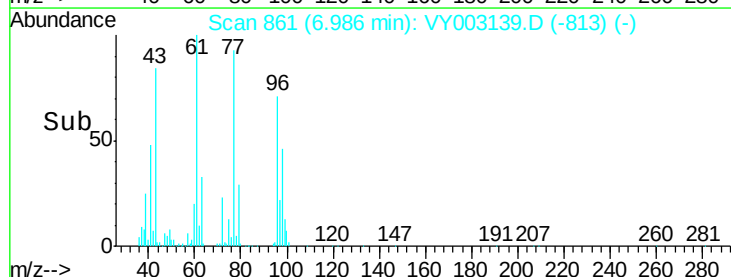
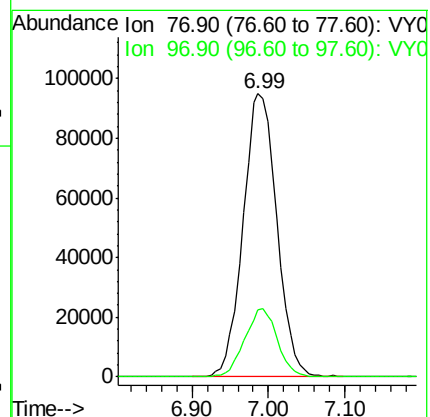
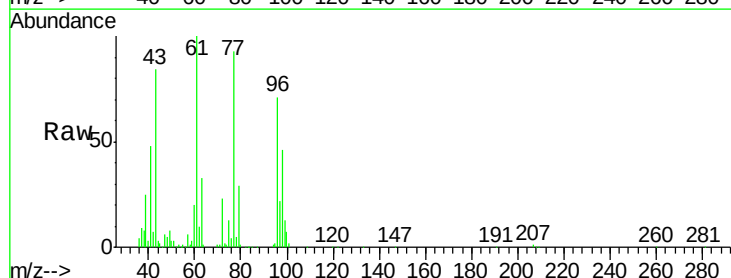
Acq: 08 Jul 2020 16:38

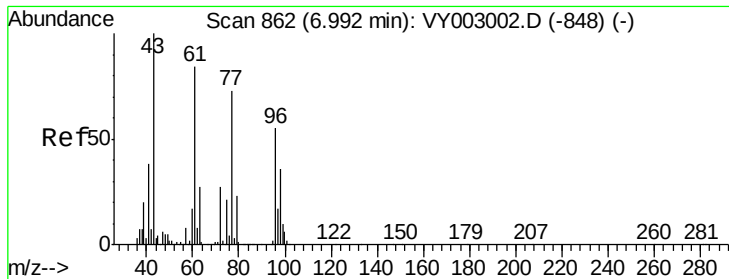
Tgt Ion: 77 Resp: 290826

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.9



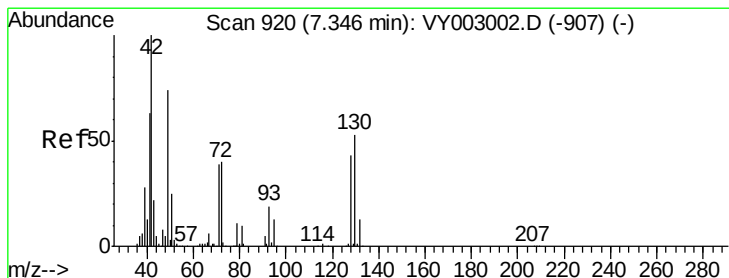
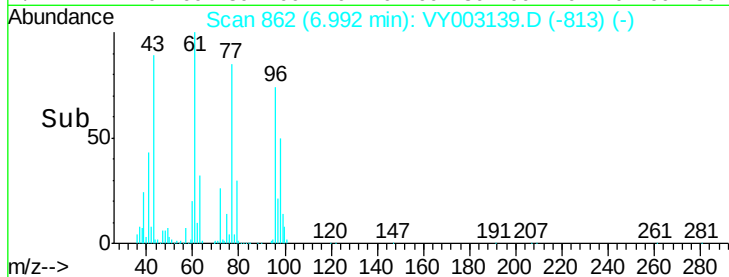
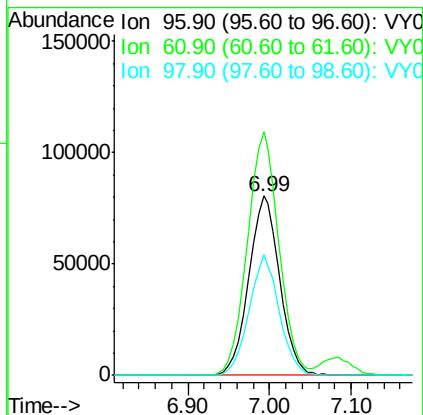
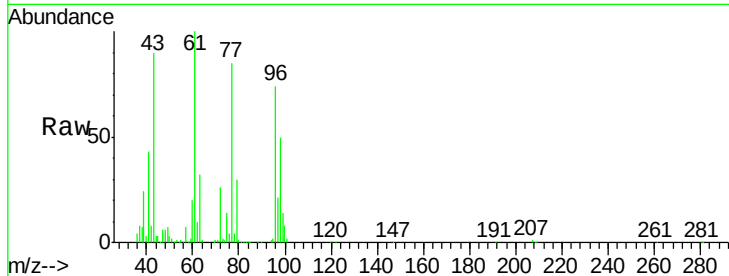


#27

cis-1,2-Dichloroethene
Concen: 50.365 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

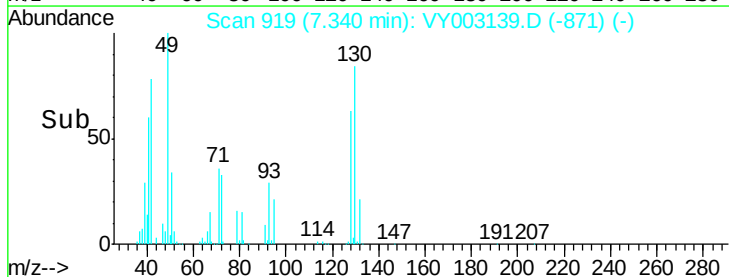
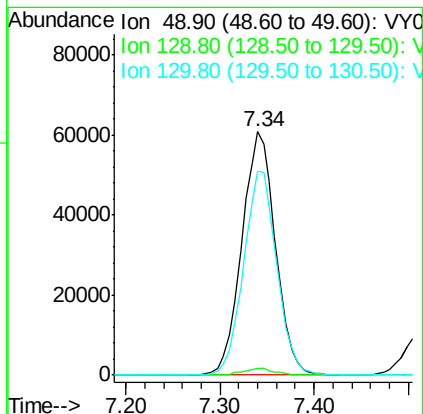
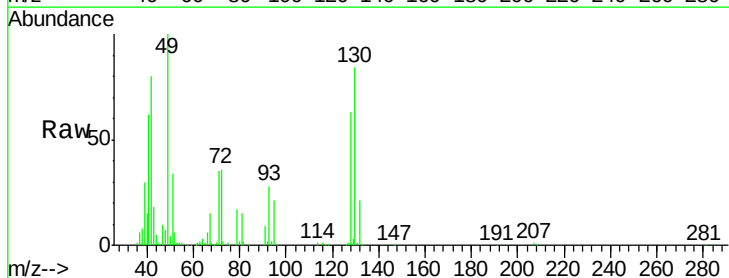
Tot Ion	96	Resp	213109
Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	301.2
98	65.4	0.0	129.0

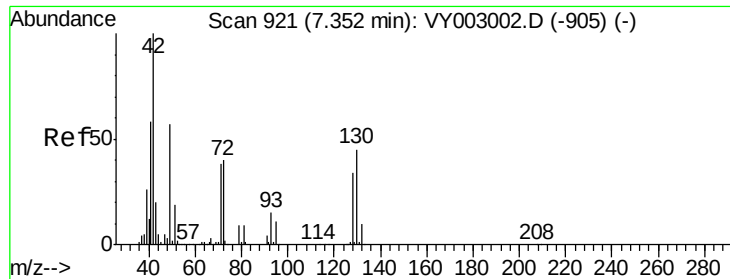


#28

Bromochloromethane
Concen: 49.871 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Tgt Ion	49	Resp	151279
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	83.4	57.0	85.6





#29

Tetrahydrofuran

Concen: 204.480 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

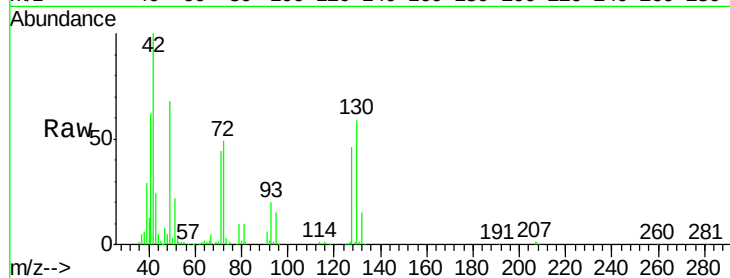
Tot Ion: 42 Resp: 194542

Ion Ratio Lower Upper

42 100

72 47.4 32.9 49.3

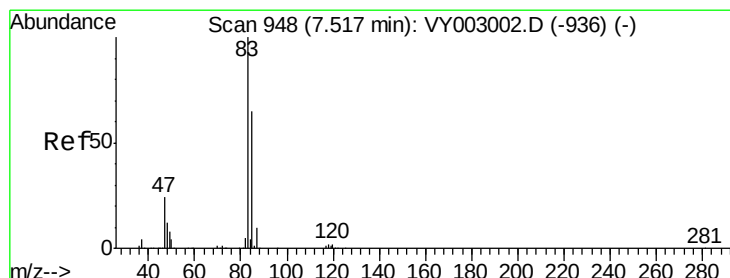
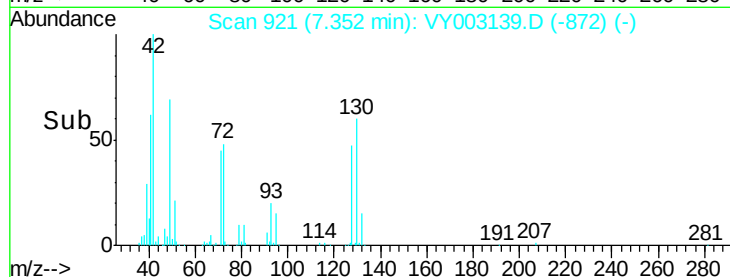
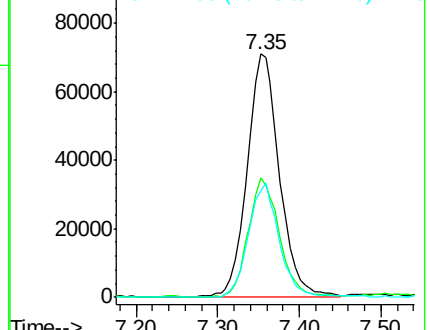
71 45.6 31.2 46.8



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: 50.142 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003139.D

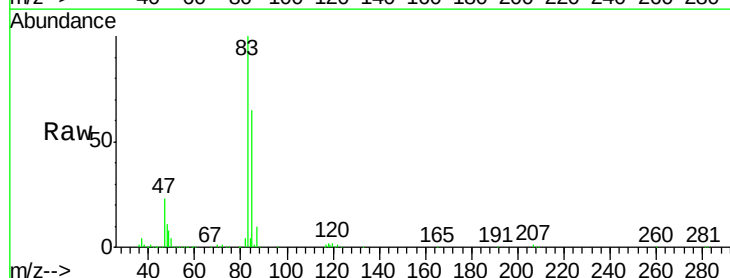
Acq: 08 Jul 2020 16:38

Tgt Ion: 83 Resp: 338663

Ion Ratio Lower Upper

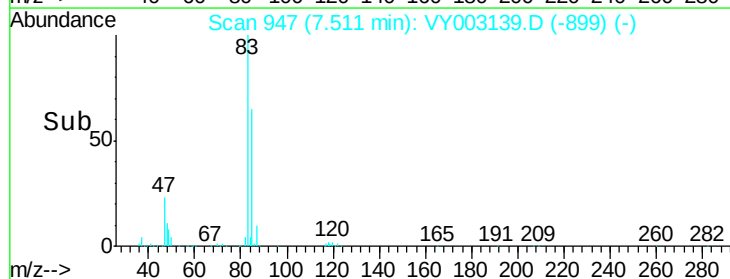
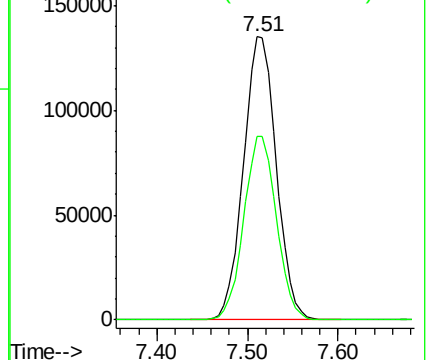
83 100

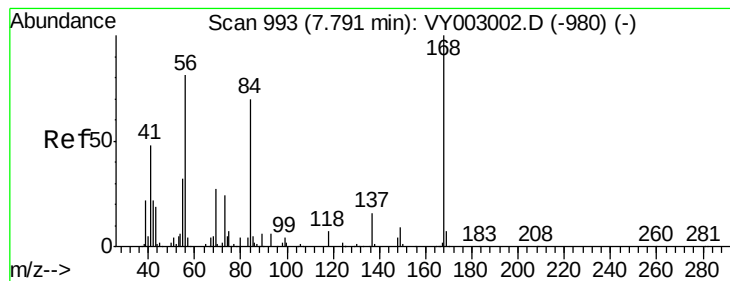
85 64.9 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 41.981 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

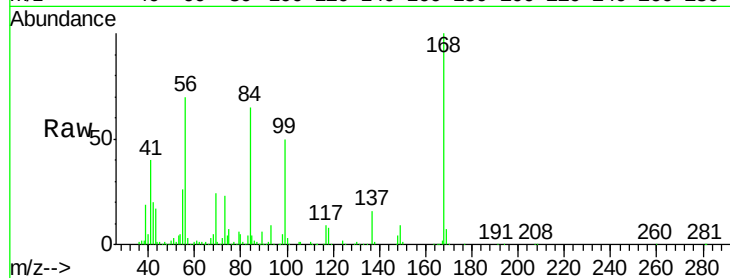
Tot Ion: 56 Resp: 281956

Ion Ratio Lower Upper

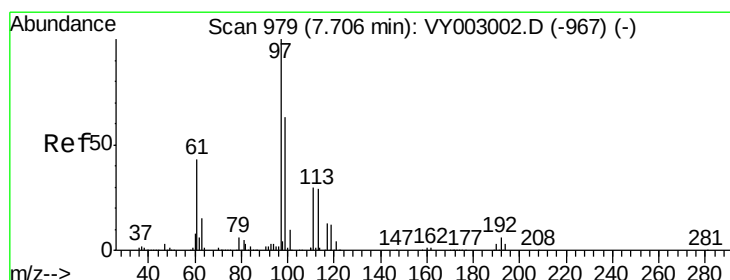
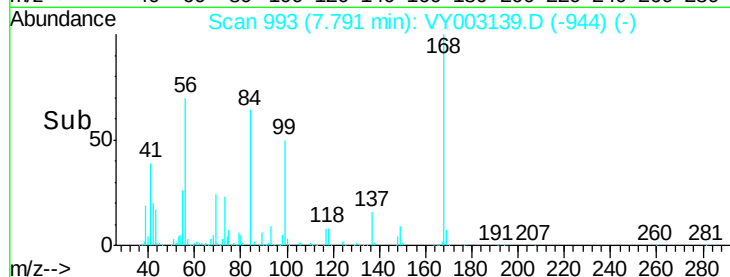
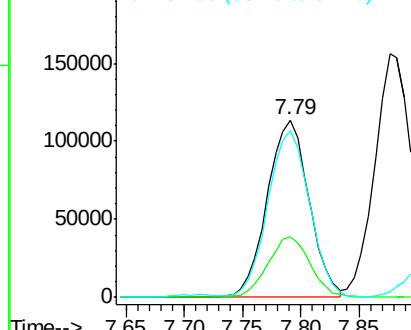
56 100

69 34.1 27.0 40.4

84 92.5 68.1 102.1



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



#32

1,1,1-Trichloroethane

Concen: 49.253 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

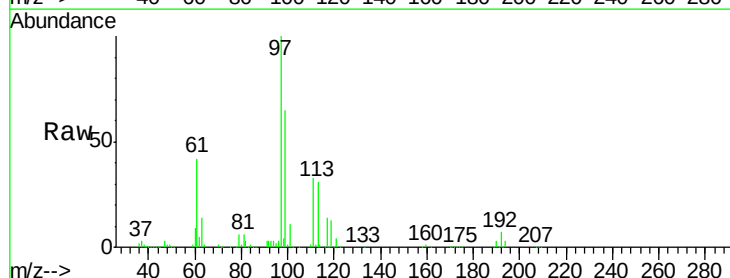
Tgt Ion: 97 Resp: 303647

Ion Ratio Lower Upper

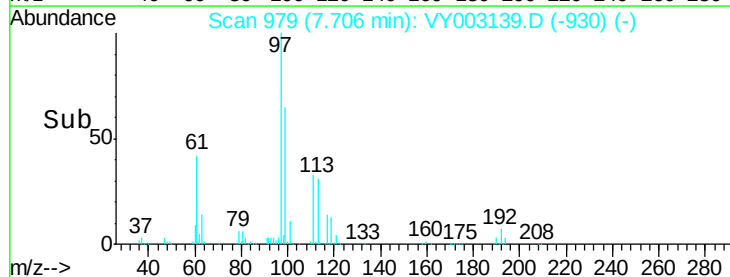
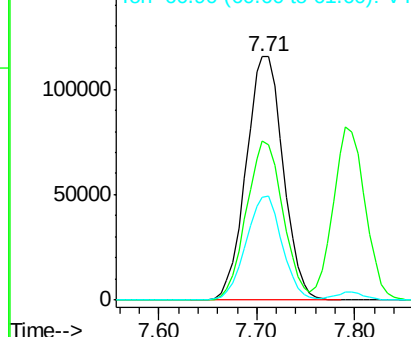
97 100

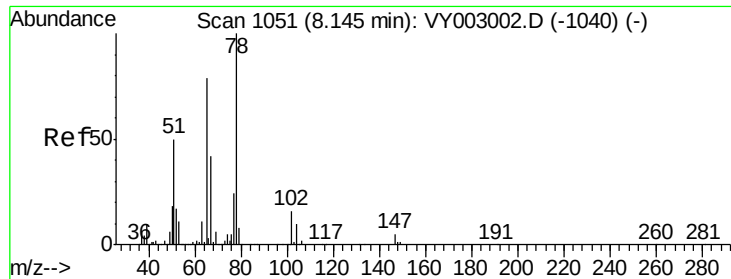
99 64.7 51.4 77.2

61 41.7 33.9 50.9



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

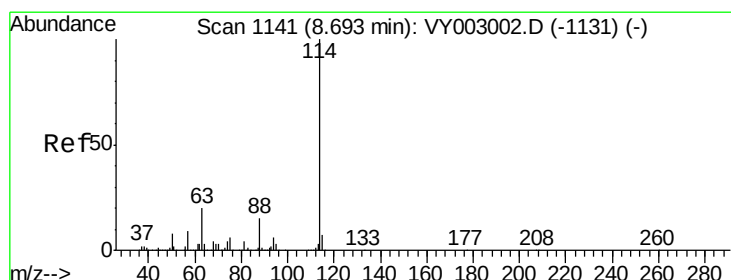
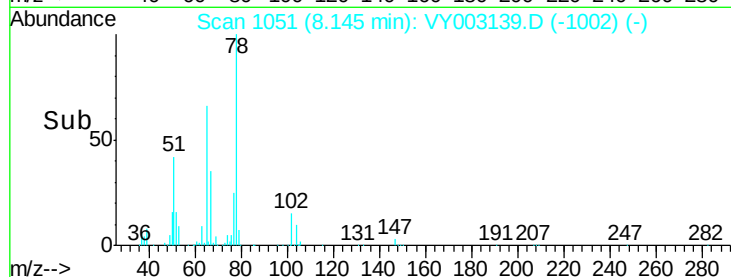
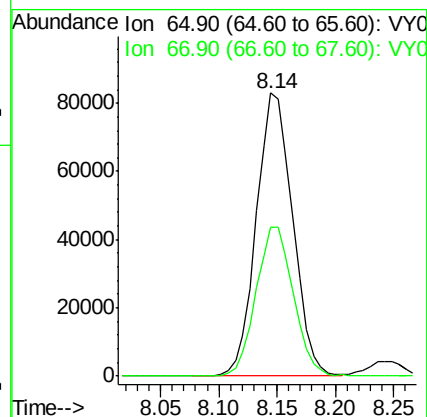
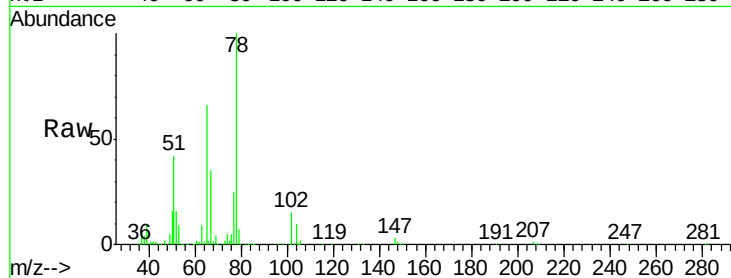




#33
 1,2-Dichloroethane-d4
 Concen: 47.166 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003139.D
 Acq: 08 Jul 2020 16:38

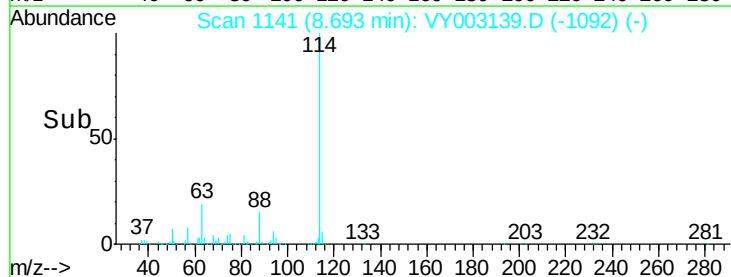
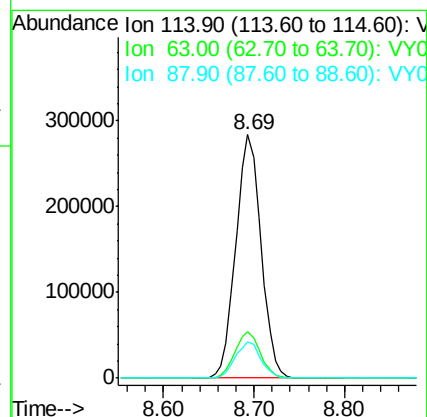
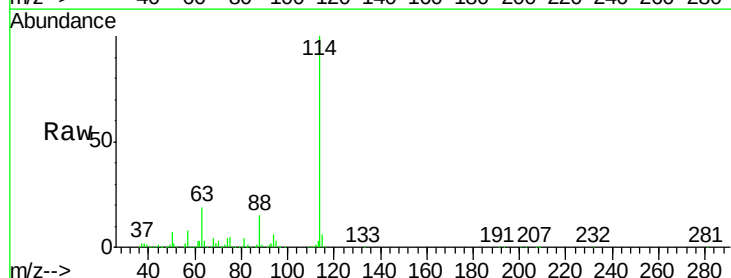
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

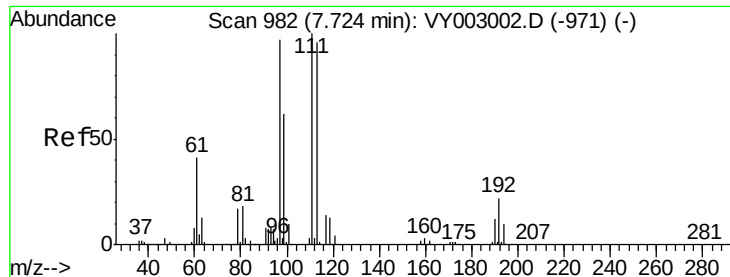
Tot Ion: 65 Resp: 180112
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003139.D
 Acq: 08 Jul 2020 16:38

Tgt Ion: 114 Resp: 547134
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.6
 88 14.9 0.0 30.0

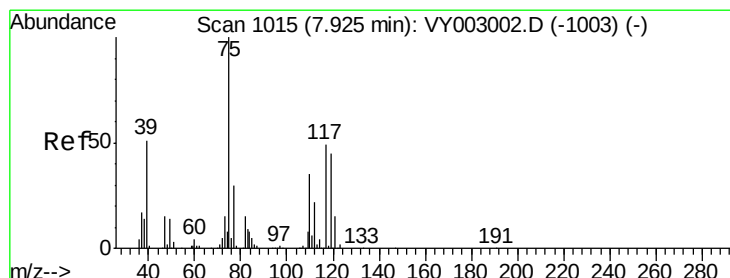
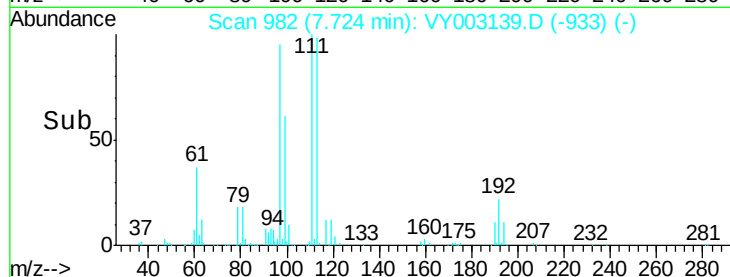
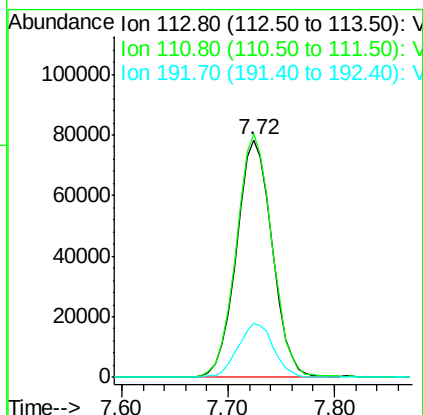
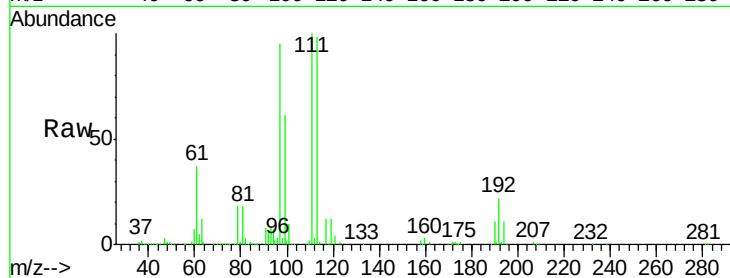




#35
Dibromofluoromethane
Concen: 54.317 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

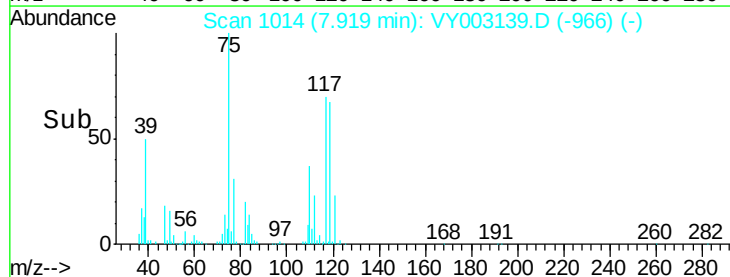
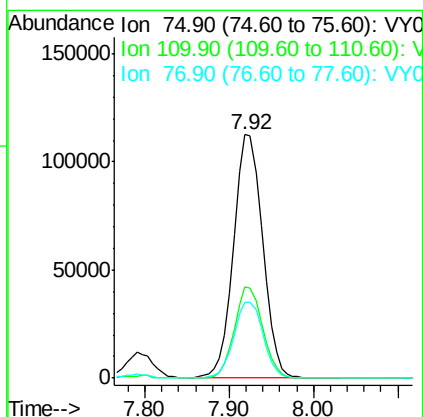
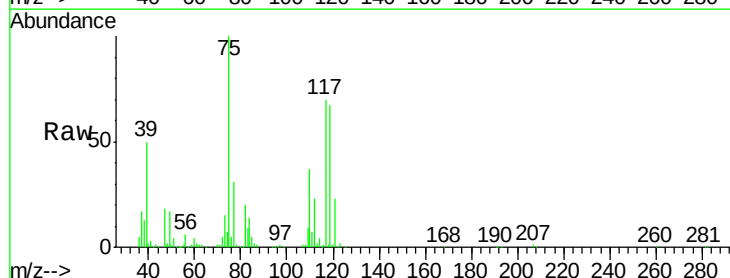
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

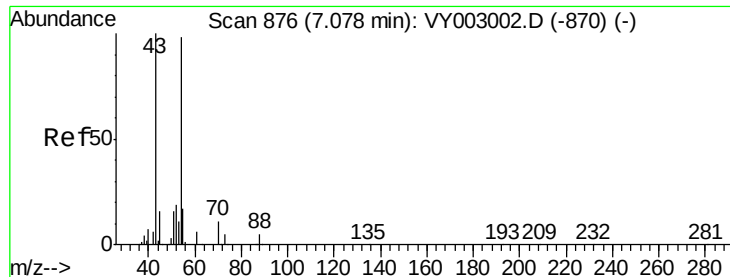
Tot Ion:113 Resp: 185389
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 22.6 18.1 27.1



#36
1,1-Dichloropropene
Concen: 49.808 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Tgt Ion: 75 Resp: 262499
Ion Ratio Lower Upper
75 100
110 36.2 17.1 51.2
77 31.5 24.9 37.3

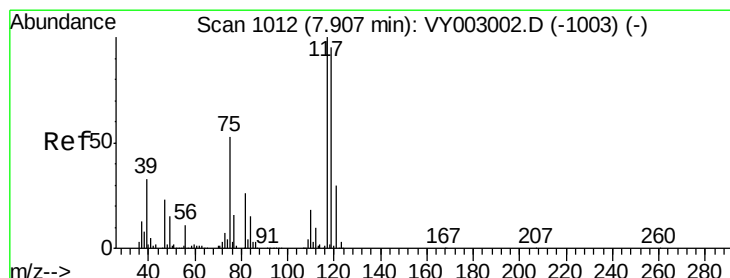
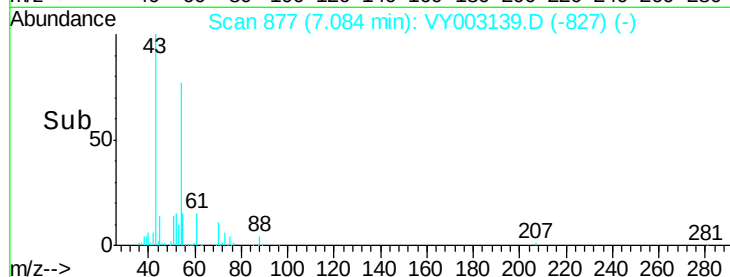
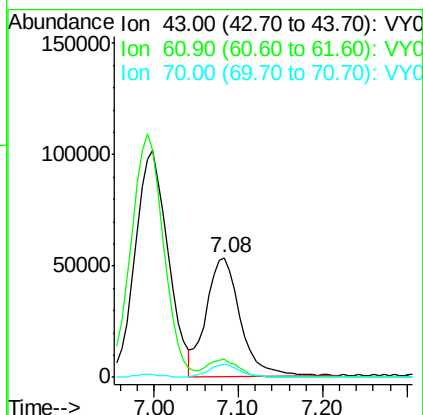
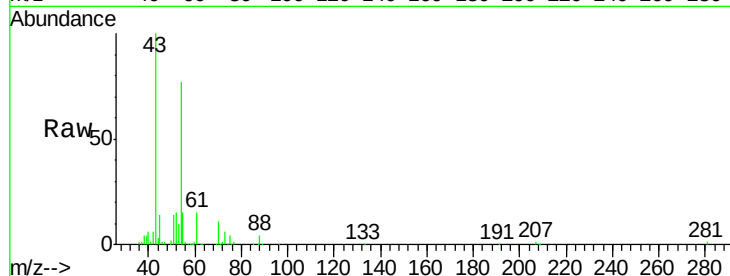




#37
Ethyl Acetate
Concen: 47.438 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

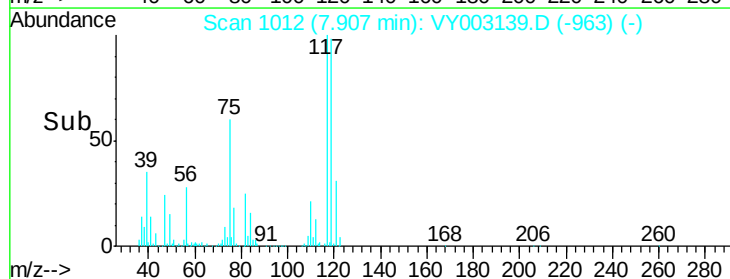
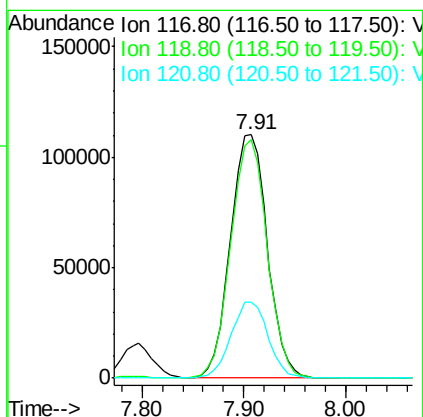
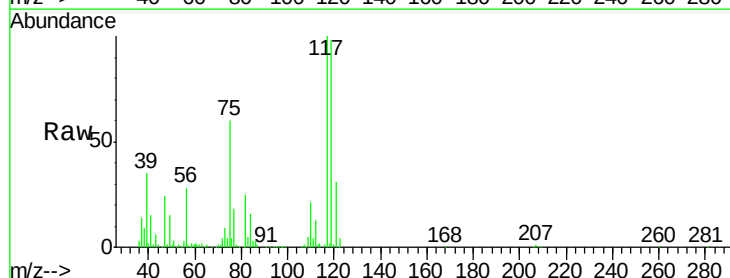
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

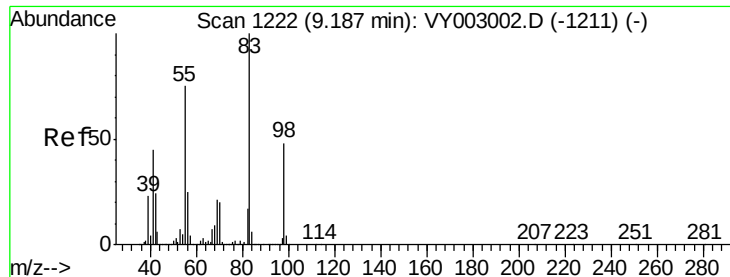
Tot Ion: 43 Resp: 150318
Ion Ratio Lower Upper
43 100
61 14.1 10.4 15.6
70 10.3 7.7 11.5



#38
Carbon Tetrachloride
Concen: 50.537 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Tgt Ion: 117 Resp: 277110
Ion Ratio Lower Upper
117 100
119 97.9 75.7 113.5
121 30.9 23.9 35.9

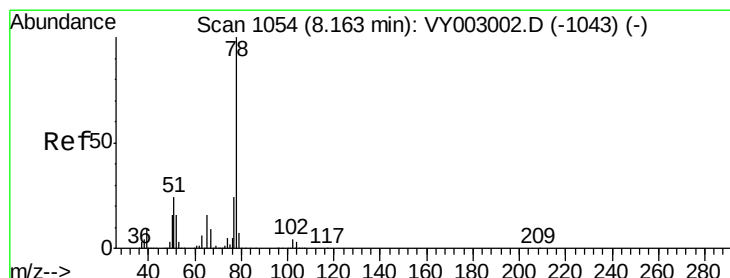
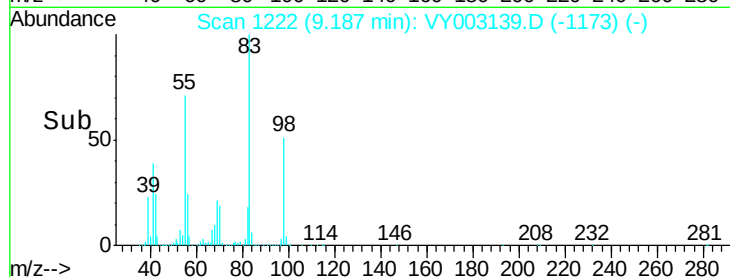
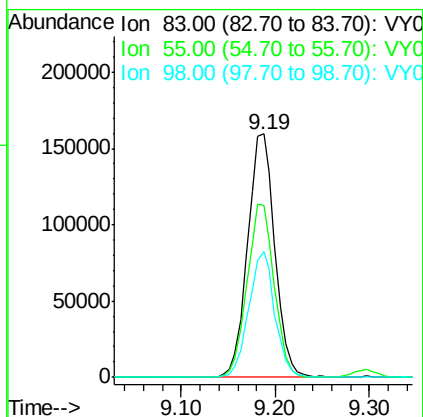
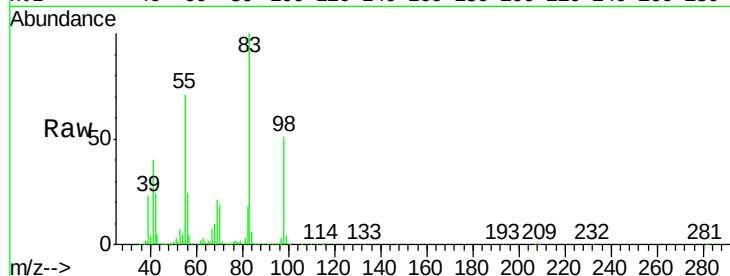




#39
Methylvlcyclohexane
Concen: 49.577 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

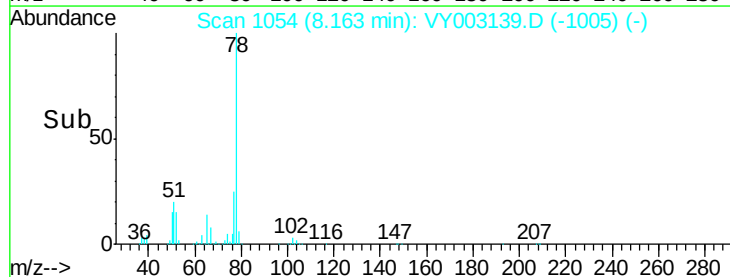
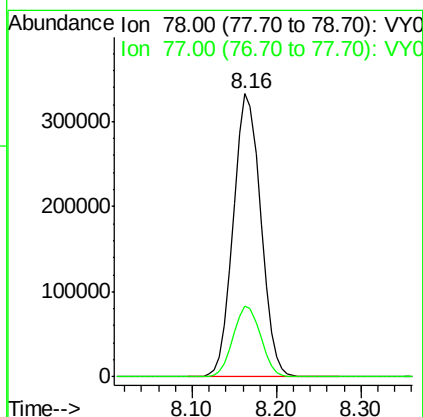
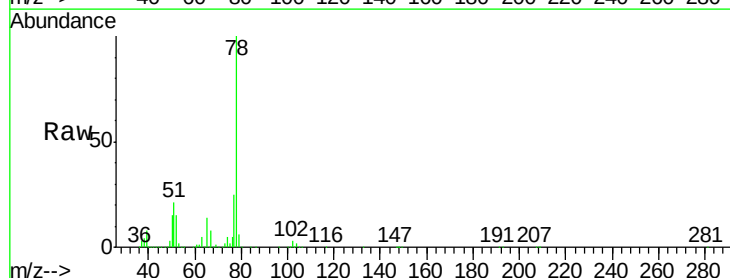
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

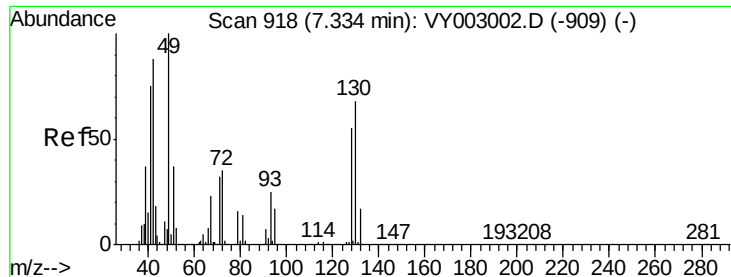
Tot Ion	83	Resp	323951
Ion	Ratio	Lower	Upper
83	100		
55	70.8	59.9	89.9
98	51.4	38.7	58.1



#40
Benzene
Concen: 50.750 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Tgt Ion	78	Resp	732242
Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.2	28.8

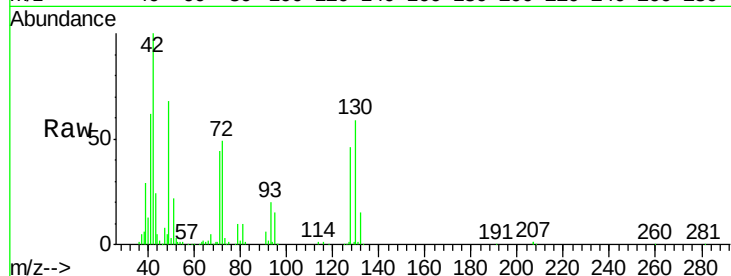




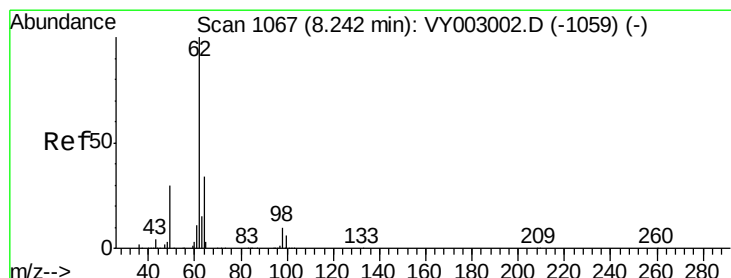
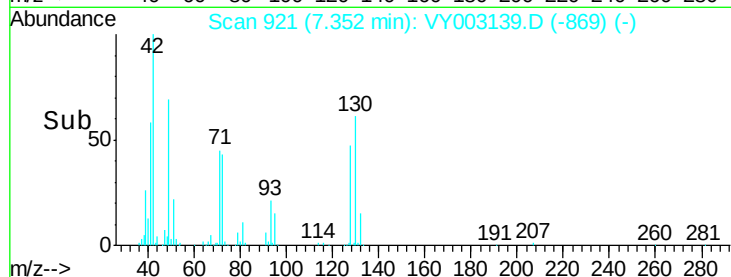
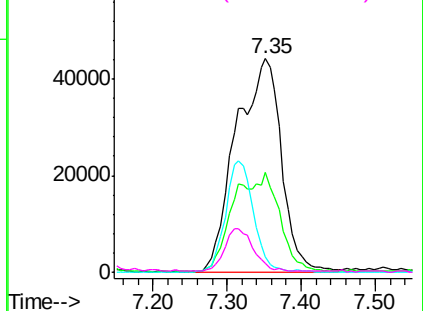
#41
Methacrylonitrile
Concen: 110.895 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	187709
Ion	Ratio	Lower	Upper
41	100		
39	0.0	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

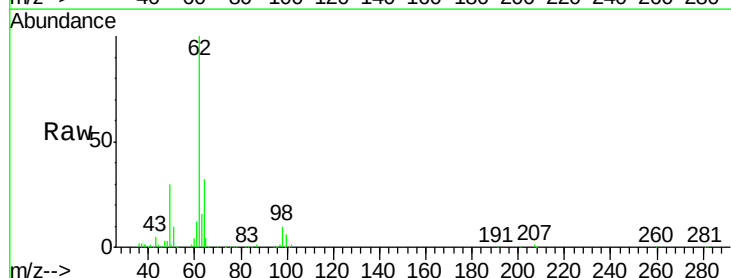


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

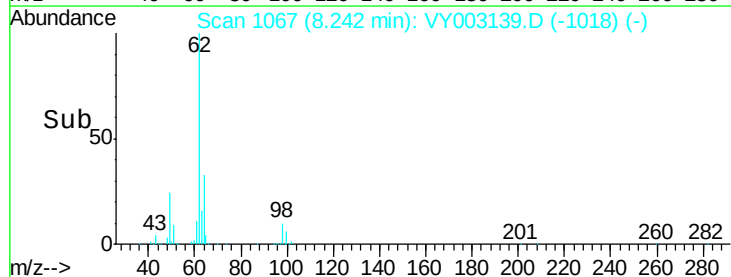
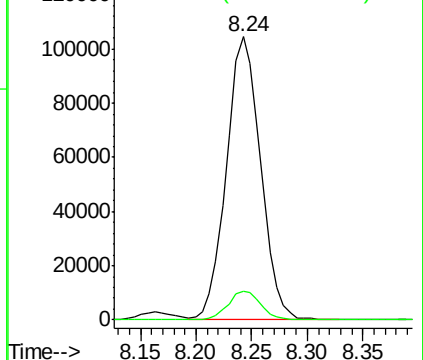


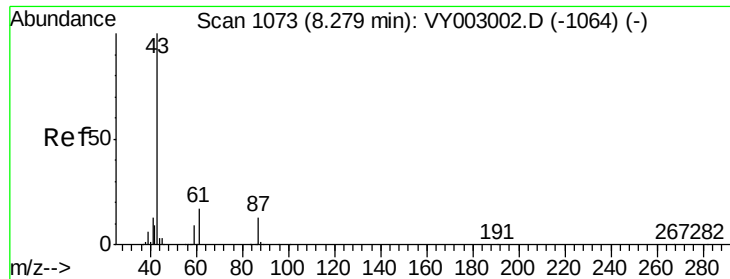
#42
1,2-Dichloroethane
Concen: 48.575 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Tgt Ion:	62	Resp:	221720
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2



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





#43

Isopropyl Acetate

Concen: 45.500 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

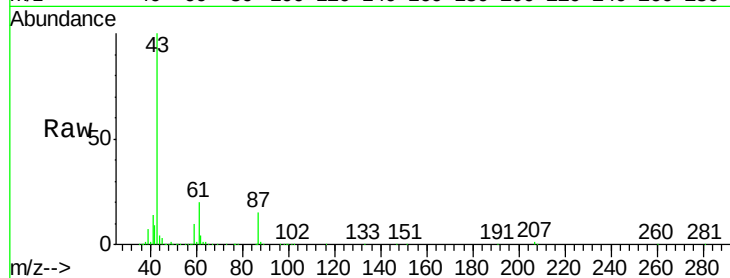
Tot Ion: 43 Resp: 274091

Ion Ratio Lower Upper

43 100

61 29.9 21.8 32.6

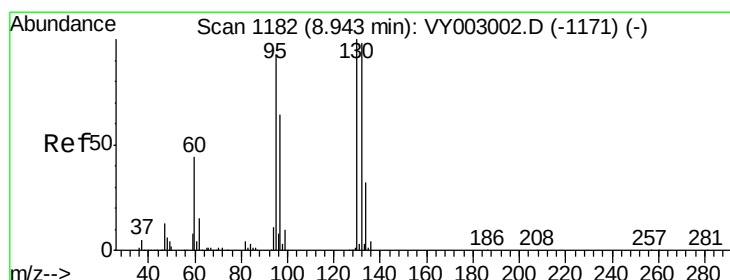
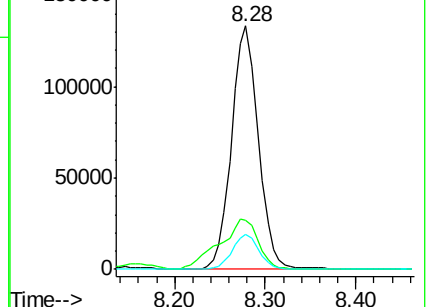
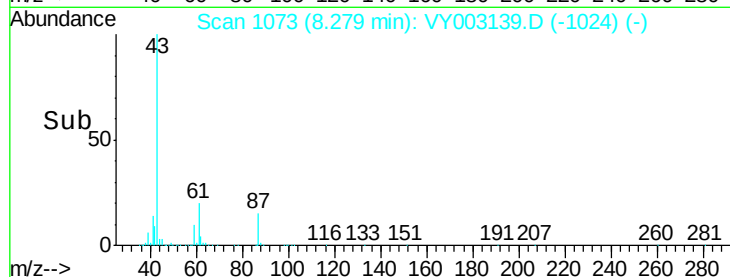
87 14.4 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY003139.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003139.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003139.D (-1024) (-)



#44

Trichloroethene

Concen: 54.116 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003139.D

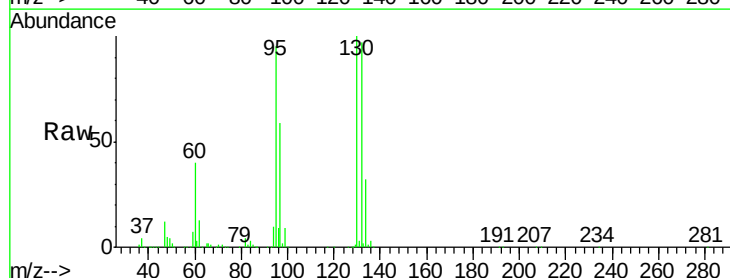
Acq: 08 Jul 2020 16:38

Tgt Ion: 130 Resp: 226945

Ion Ratio Lower Upper

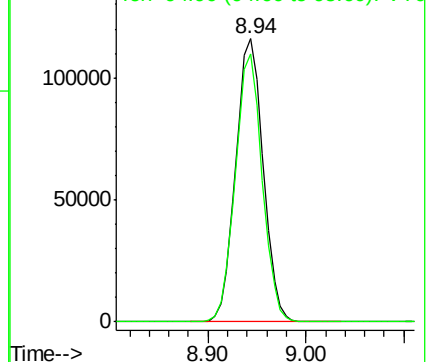
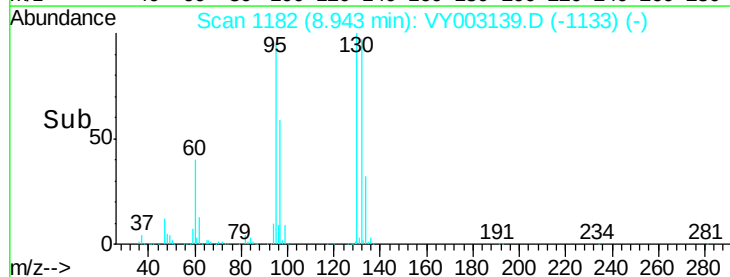
130 100

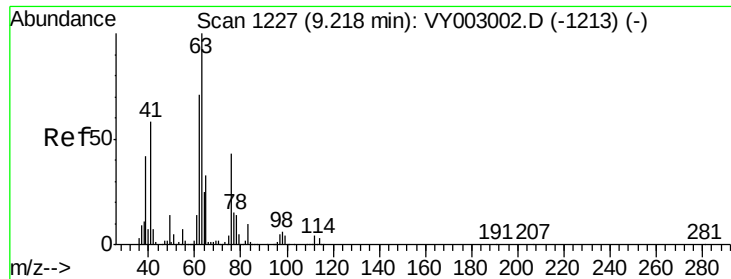
95 94.4 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): VY003139.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003139.D (-1133) (-)

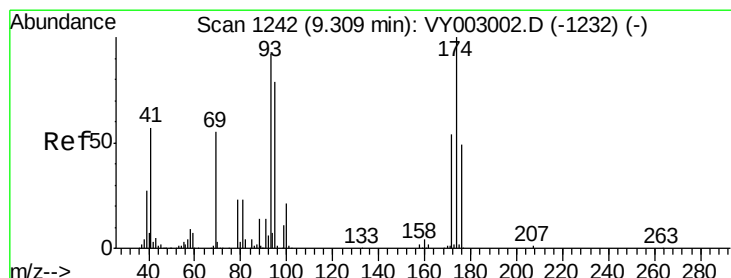
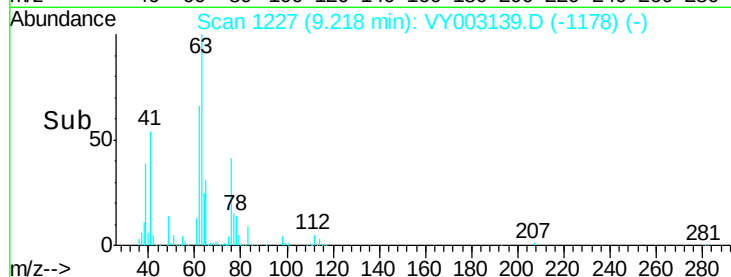
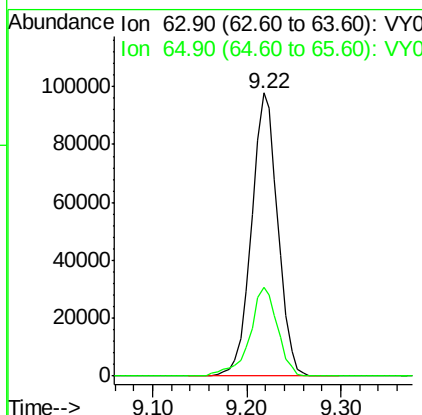
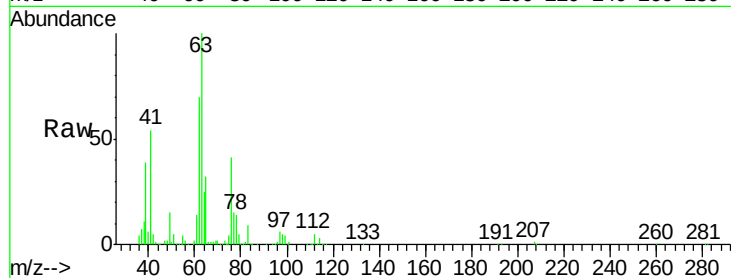




#45
 1,2-Dichloropropane
 Concen: 49.358 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003139.D
 Acq: 08 Jul 2020 16:38

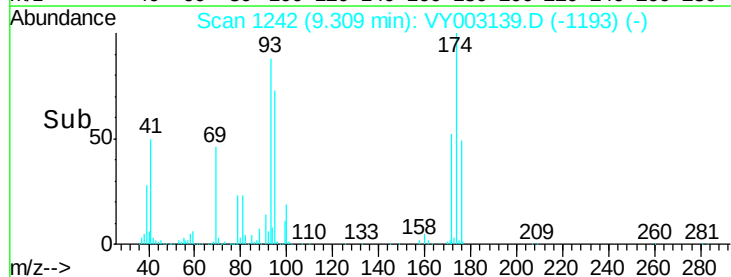
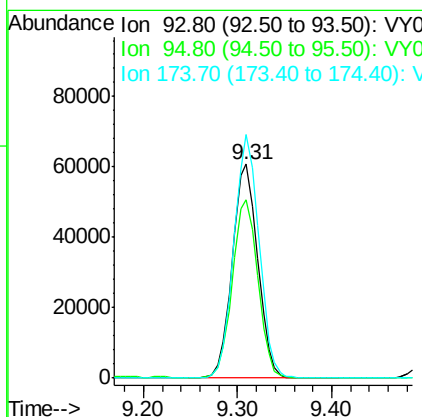
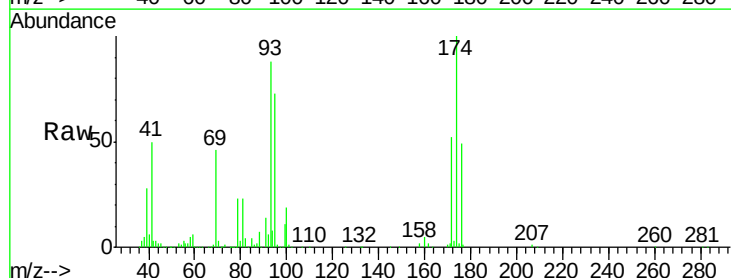
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

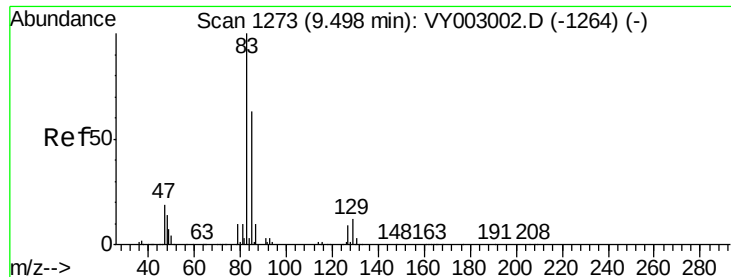
Tot Ion: 63 Resp: 191598
 Ion Ratio Lower Upper
 63 100
 65 31.6 26.2 39.4



#46
 Dibromomethane
 Concen: 52.750 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003139.D
 Acq: 08 Jul 2020 16:38

Tgt Ion: 93 Resp: 114364
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.6 101.4
 174 112.5 88.3 132.5





#47

Bromodichloromethane

Concen: 51.719 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

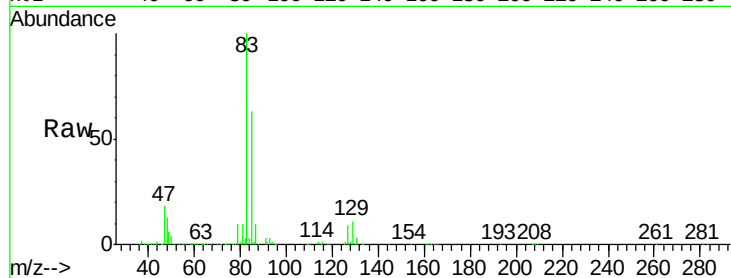
Tot Ion: 83 Resp: 274560

Ion Ratio Lower Upper

83 100

85 63.3 50.5 75.7

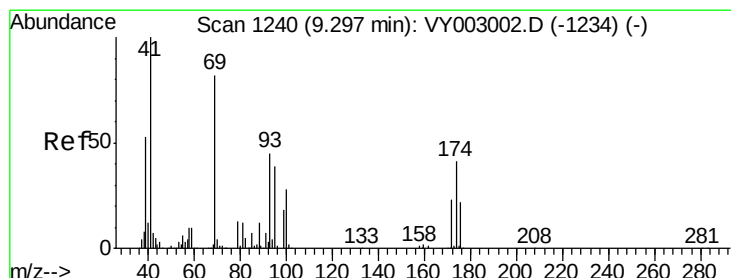
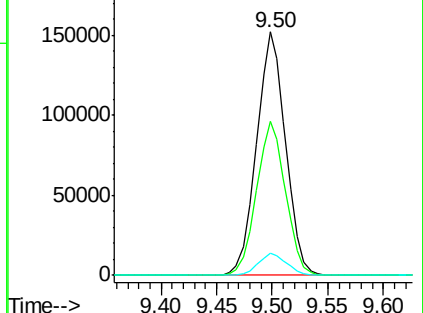
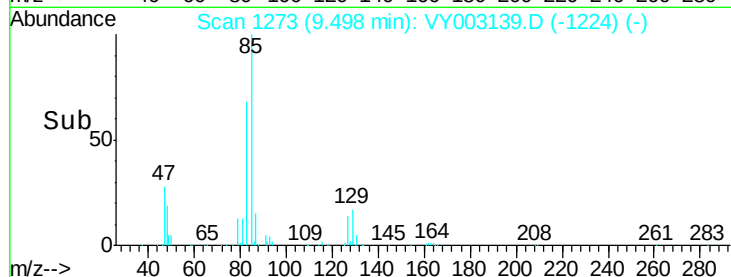
127 9.0 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 45.939 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

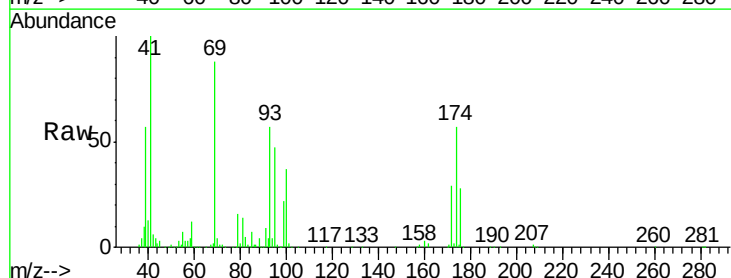
Tgt Ion: 41 Resp: 125961

Ion Ratio Lower Upper

41 100

69 94.6 67.7 101.5

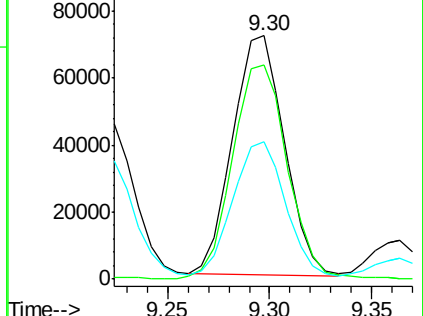
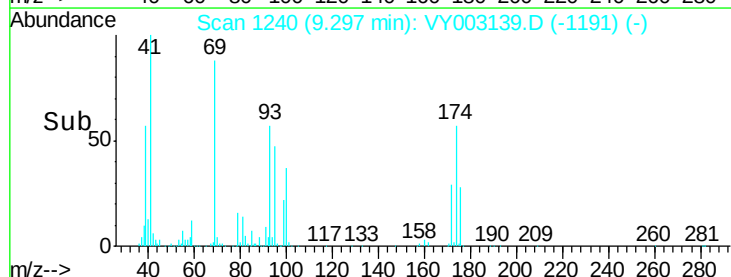
39 59.3 45.0 67.4

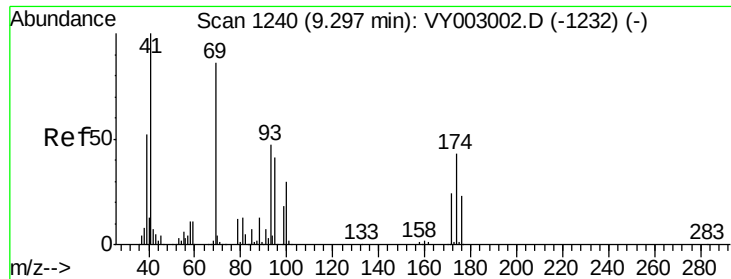


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 707.986 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.02 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

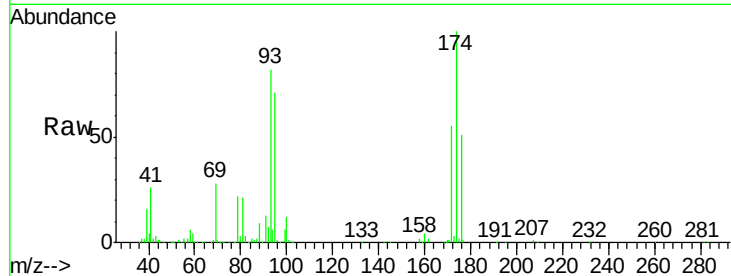
Tot Ion: 88 Resp: 18737

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

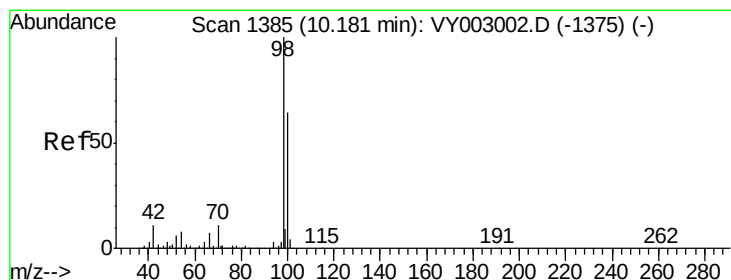
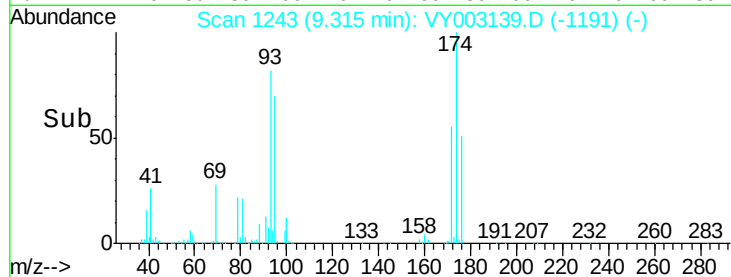
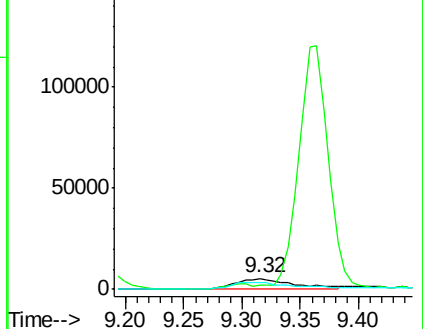
58 79.2 56.7 85.1



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 52.650 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003139.D

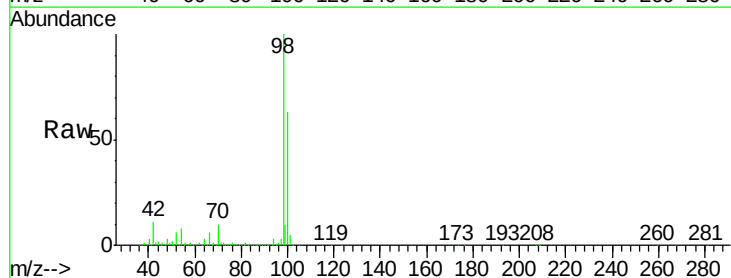
Acq: 08 Jul 2020 16:38

Tgt Ion: 98 Resp: 669465

Ion Ratio Lower Upper

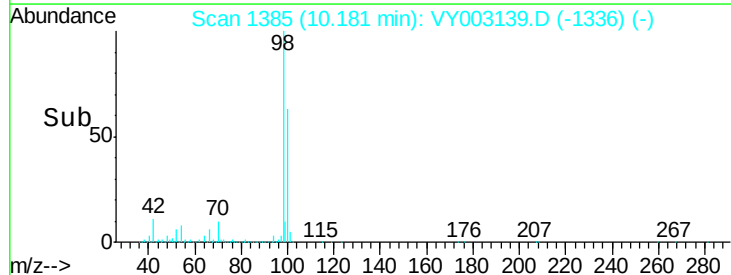
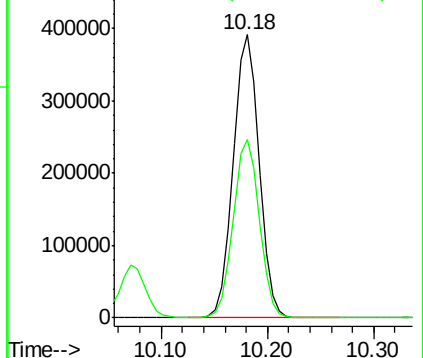
98 100

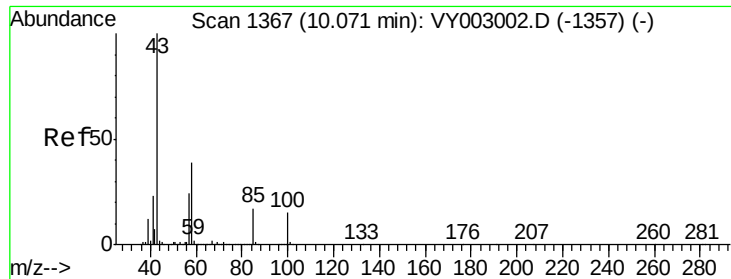
100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

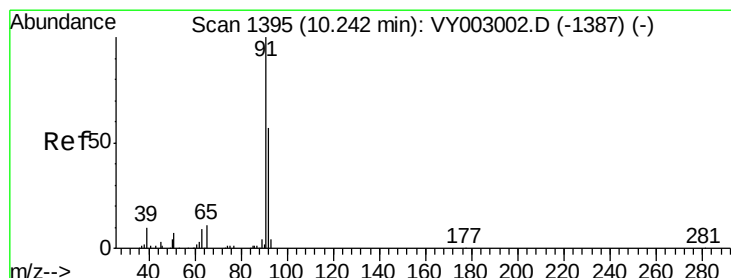
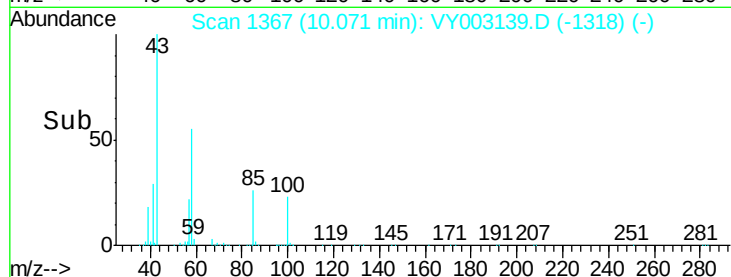
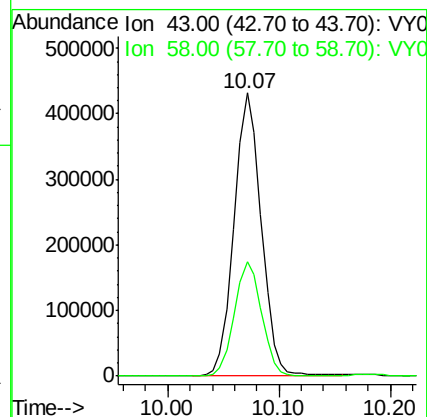
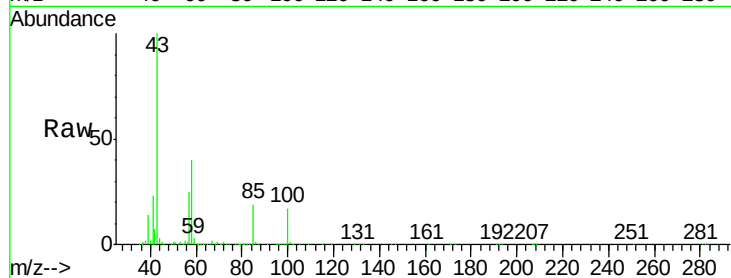




#51
4-Methyl-2-Pentanone
Concen: 235.421 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

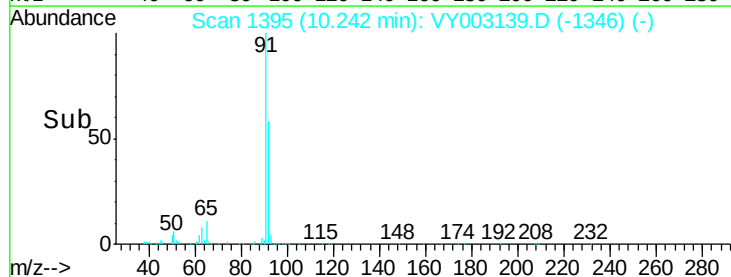
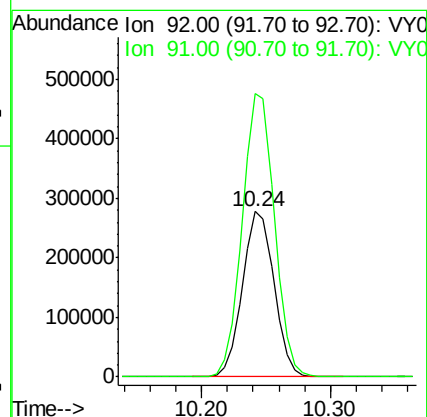
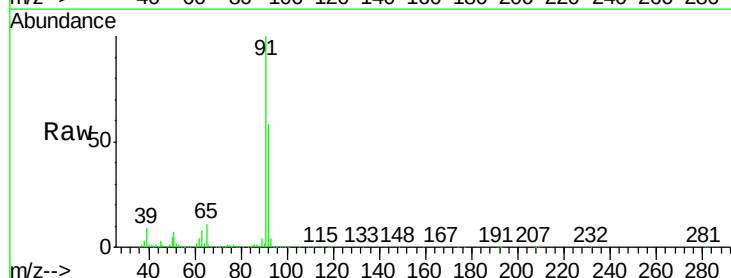
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

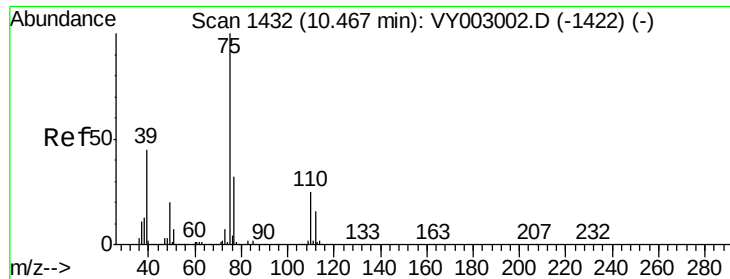
Tot Ion: 43 Resp: 732986
Ion Ratio Lower Upper
43 100
58 40.7 31.1 46.7



#52
Toluene
Concen: 51.753 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Tgt Ion: 92 Resp: 470064
Ion Ratio Lower Upper
92 100
91 174.6 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 50.206 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

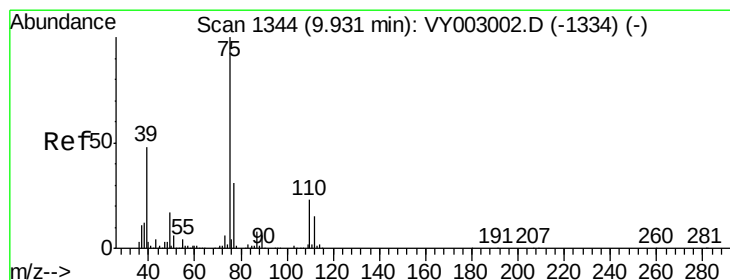
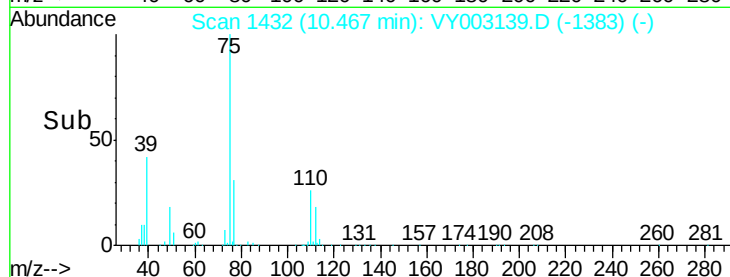
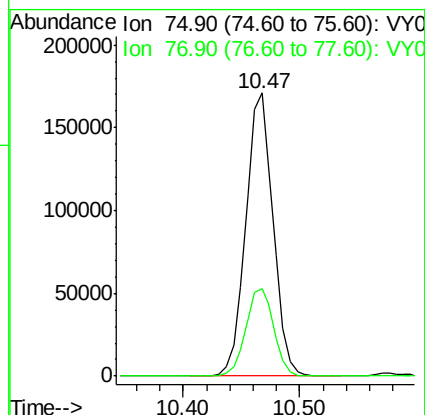
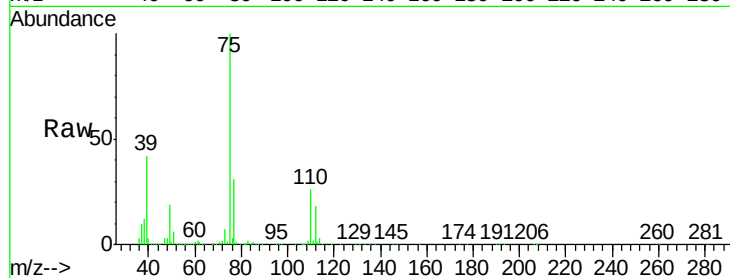
VSTDCCC050EC

Tot Ion: 75 Resp: 279440

Ion Ratio Lower Upper

75 100

77 30.8 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 50.433 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

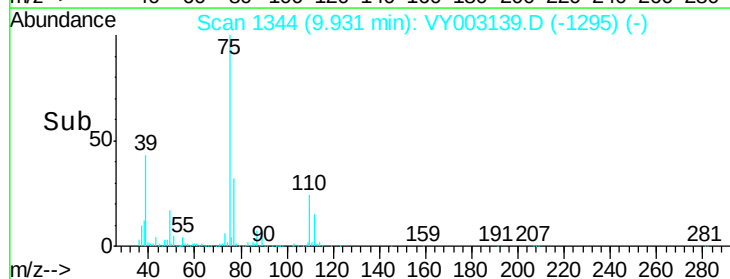
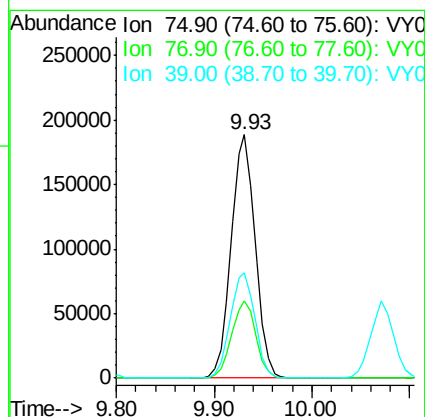
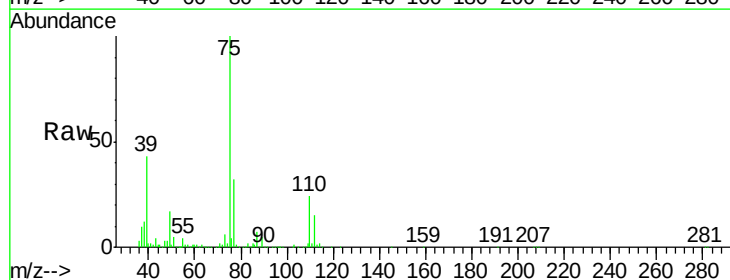
Tgt Ion: 75 Resp: 321026

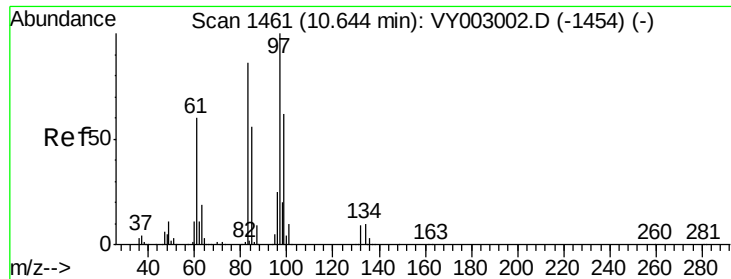
Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0

39 43.0 38.3 57.5

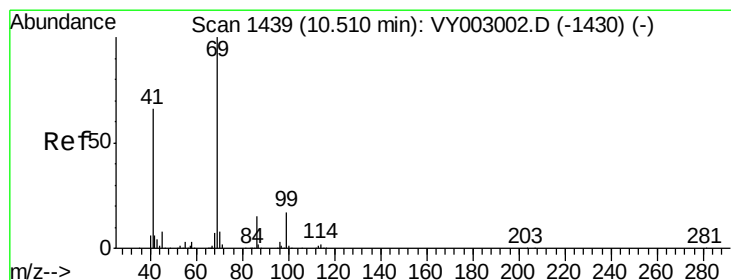
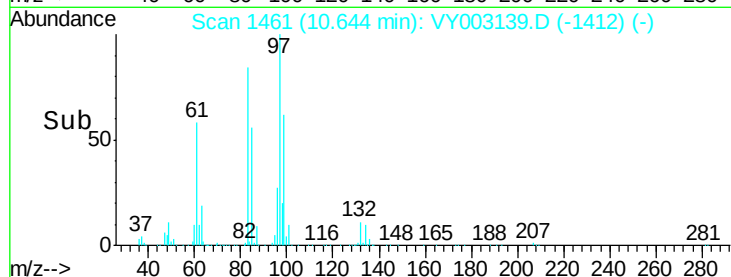
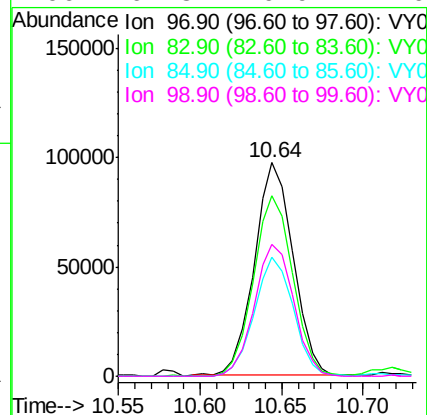
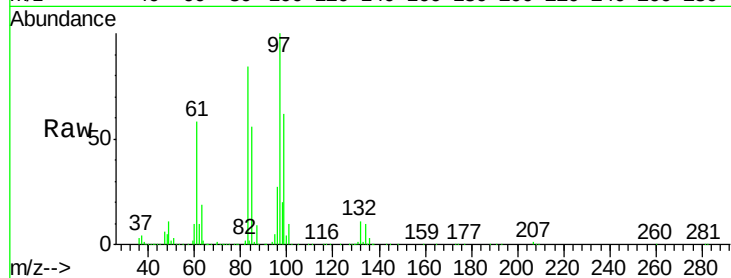




#55
 1,1,2-Trichloroethane
 Concen: 53.277 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003139.D
 Acq: 08 Jul 2020 16:38

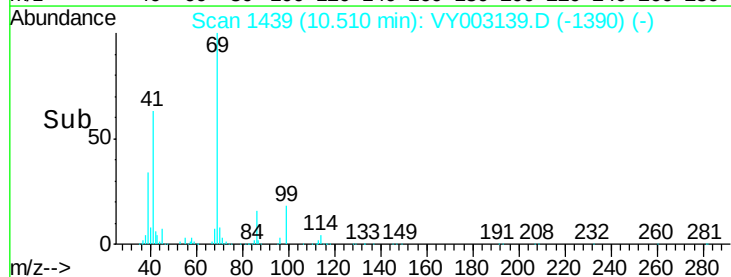
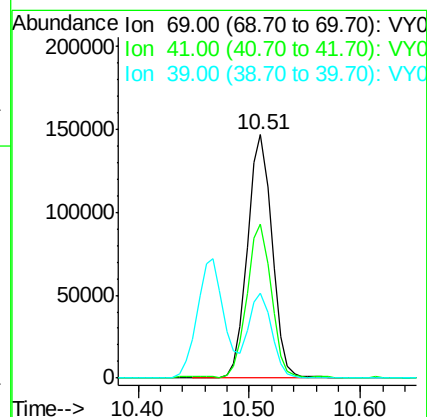
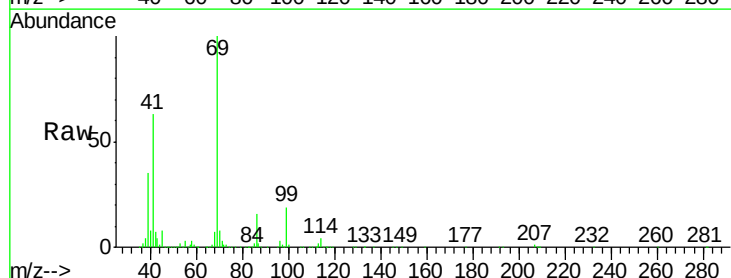
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

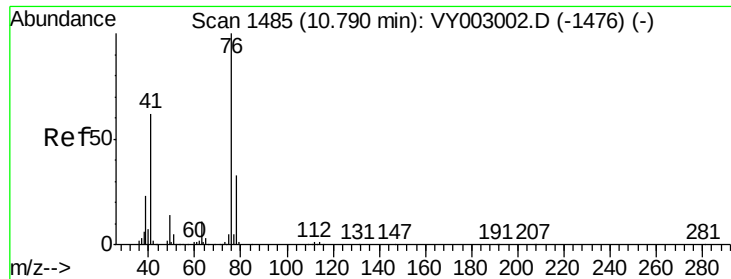
Tot Ion: 97 Resp: 160508
 Ion Ratio Lower Upper
 97 100
 83 84.6 69.0 103.6
 85 56.1 44.8 67.2
 99 61.8 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 51.780 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003139.D
 Acq: 08 Jul 2020 16:38

Tgt Ion: 69 Resp: 225813
 Ion Ratio Lower Upper
 69 100
 41 61.5 53.7 80.5
 39 32.1 28.3 42.5





#57

1,3-Dichloropropane

Concen: 51.187 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

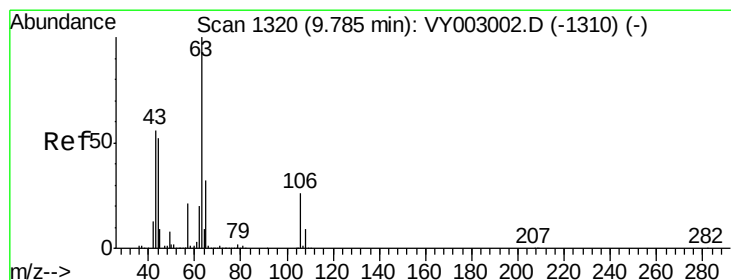
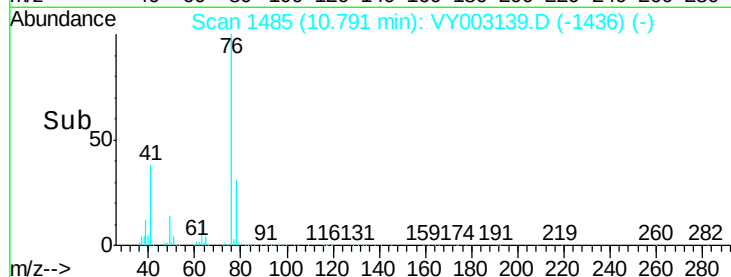
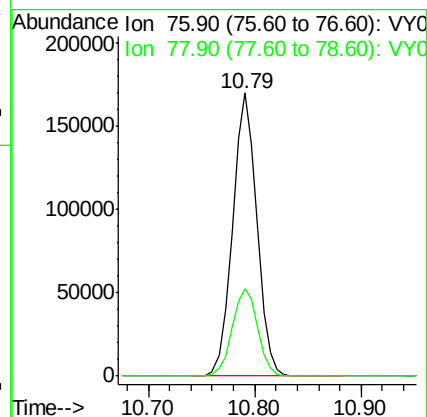
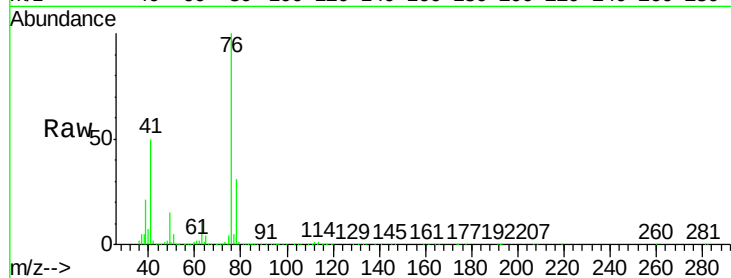
VSTDCCC050EC

Tot Ion: 76 Resp: 270720

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 256.485 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003139.D

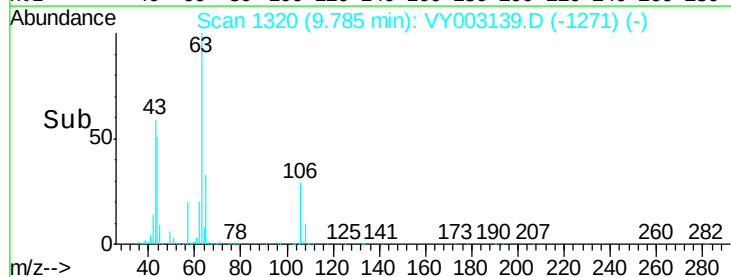
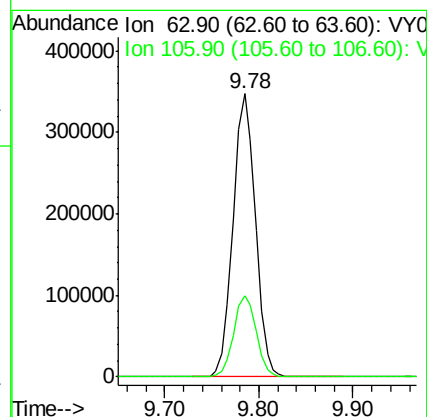
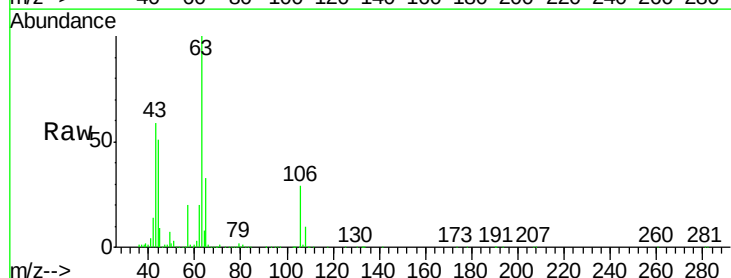
Acq: 08 Jul 2020 16:38

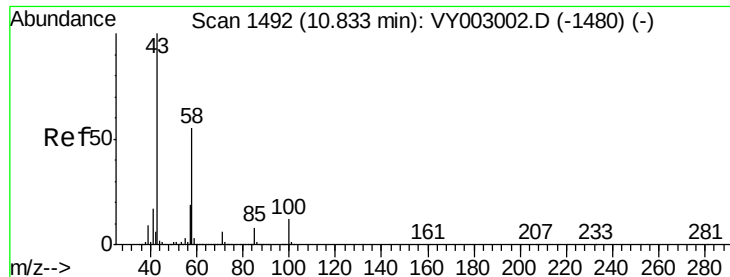
Tgt Ion: 63 Resp: 573665

Ion Ratio Lower Upper

63 100

106 28.8 21.5 32.3

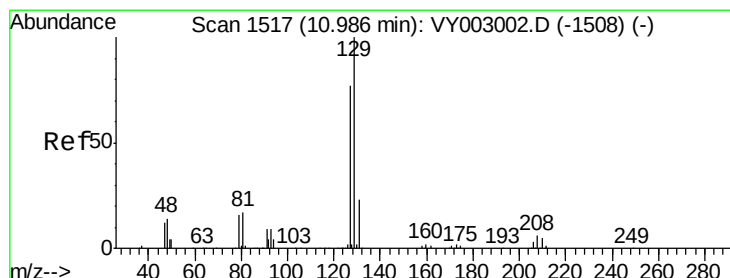
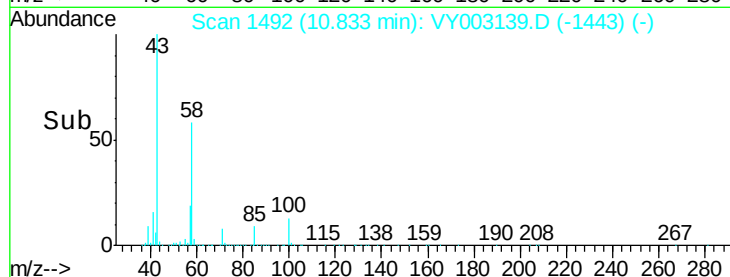
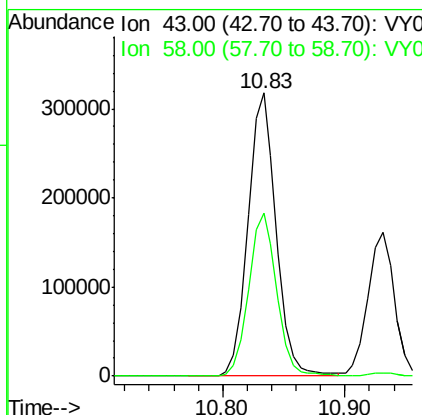
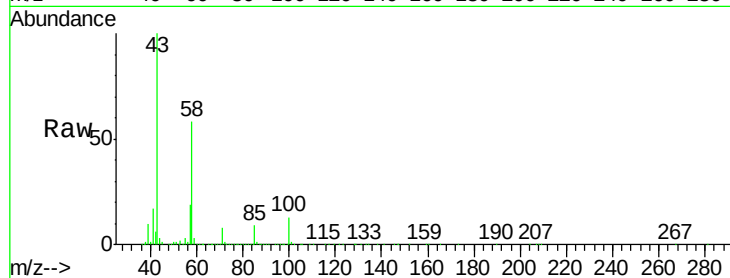




#59
2-Hexanone
Concen: 232.978 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

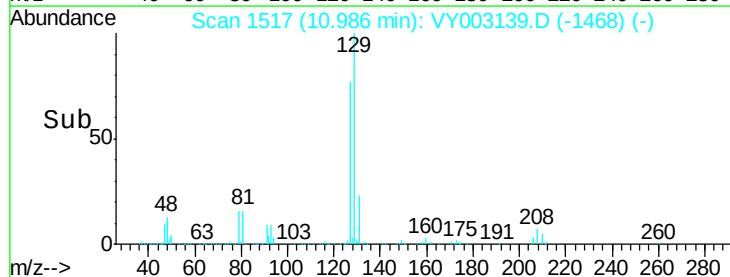
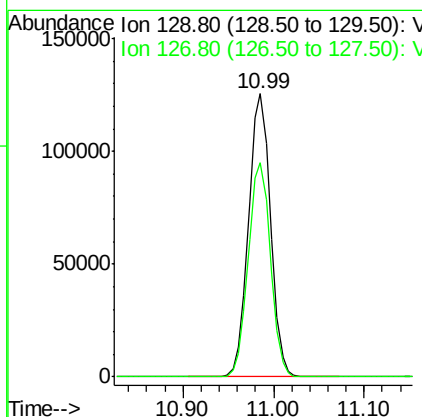
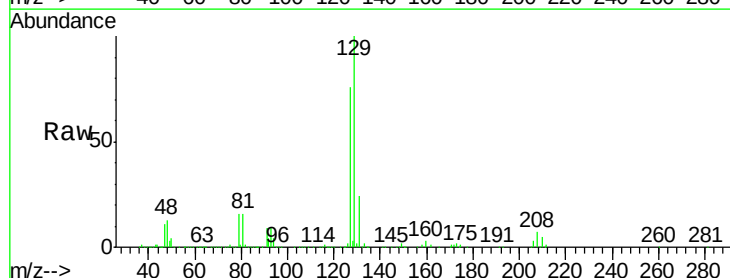
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

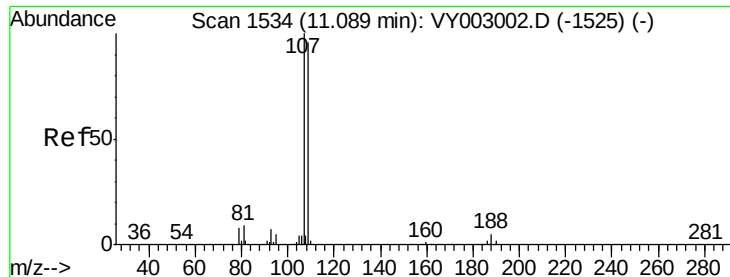
Tot Ion: 43 Resp: 507015
Ion Ratio Lower Upper
43 100
58 57.7 27.5 82.4



#60
Dibromochloromethane
Concen: 54.764 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Tgt Ion: 129 Resp: 211139
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.3

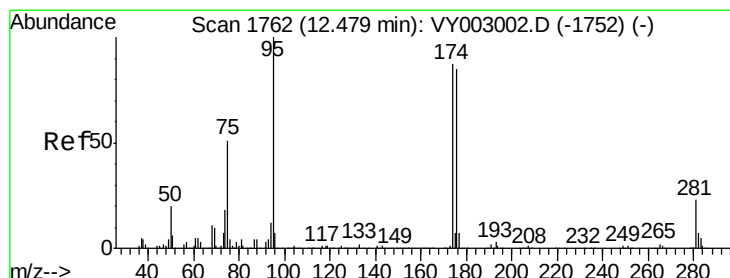
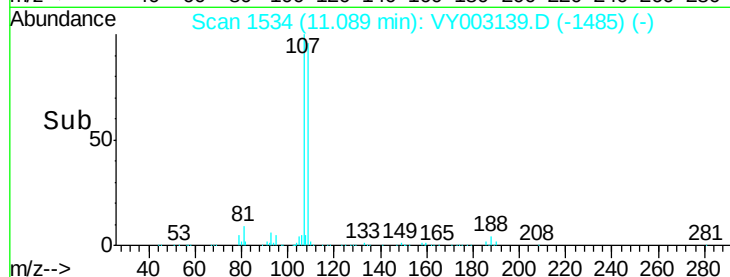
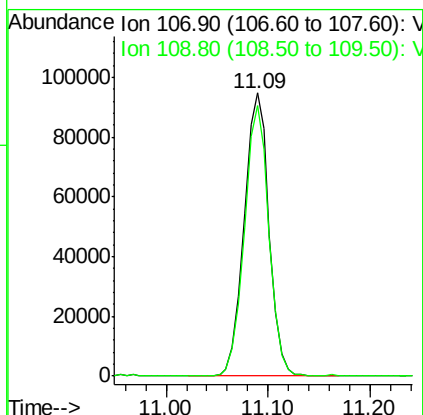
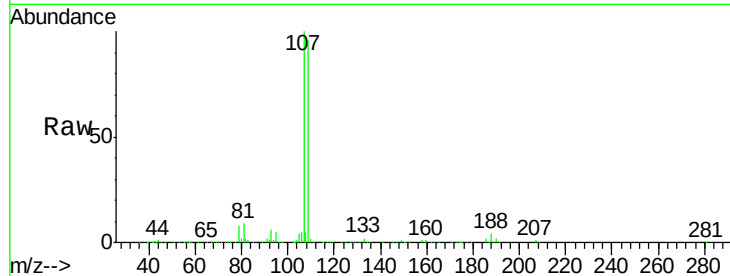




#61
 1,2-Dibromoethane
 Concen: 53.717 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003139.D
 Acq: 08 Jul 2020 16:38

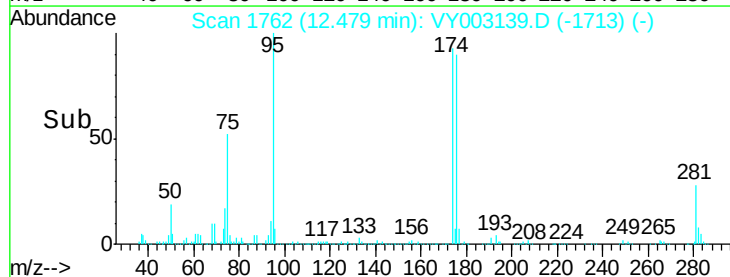
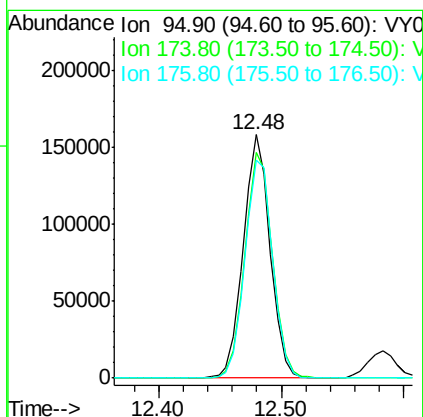
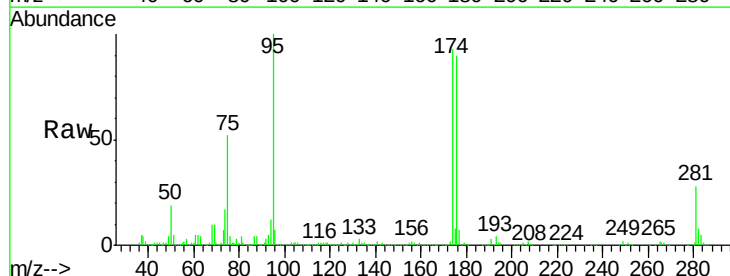
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

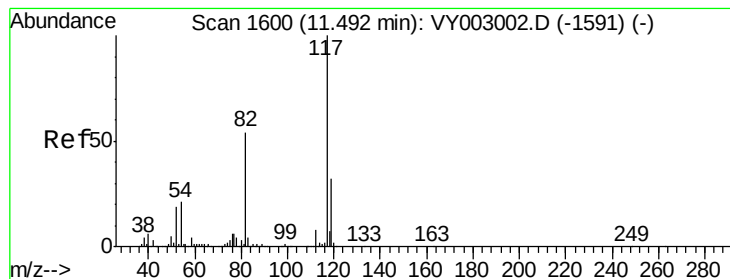
Tot Ion: 107 Resp: 159543
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 52.971 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003139.D
 Acq: 08 Jul 2020 16:38

Tgt Ion: 95 Resp: 237090
 Ion Ratio Lower Upper
 95 100
 174 95.7 0.0 184.8
 176 94.0 0.0 183.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

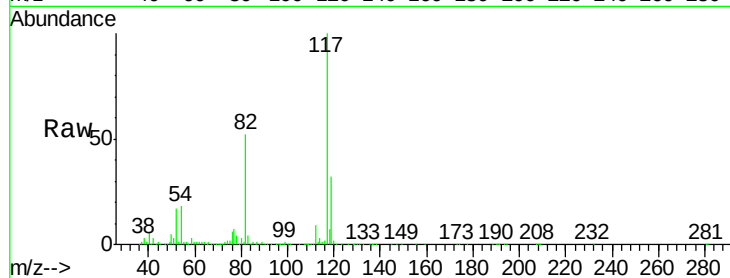
Tot Ion:117 Resp: 512308

Ion Ratio Lower Upper

117 100

82 51.5 43.0 64.6

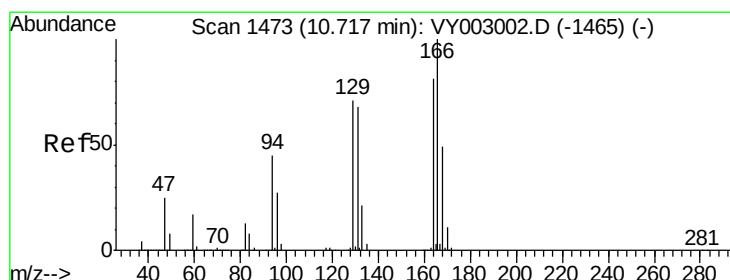
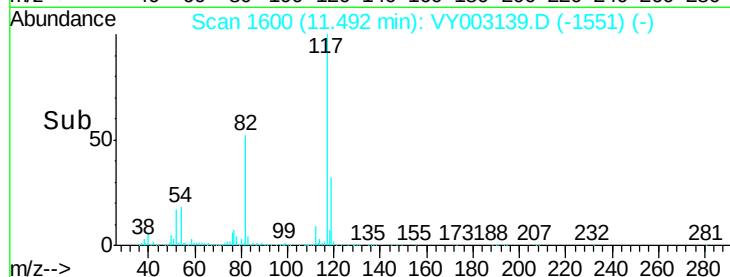
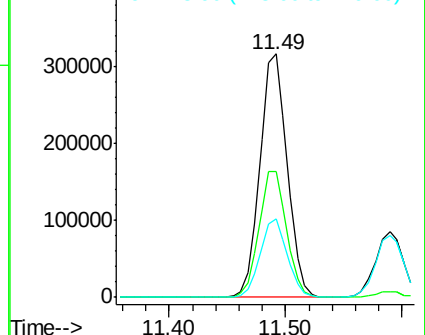
119 32.3 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 60.641 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Tgt Ion:164 Resp: 262935

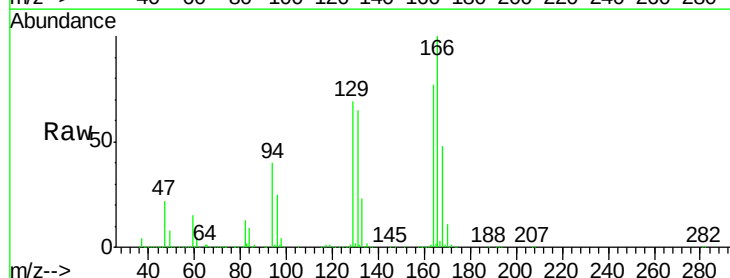
Ion Ratio Lower Upper

164 100

166 129.5 98.5 147.7

129 88.8 69.7 104.5

131 84.1 67.2 100.8

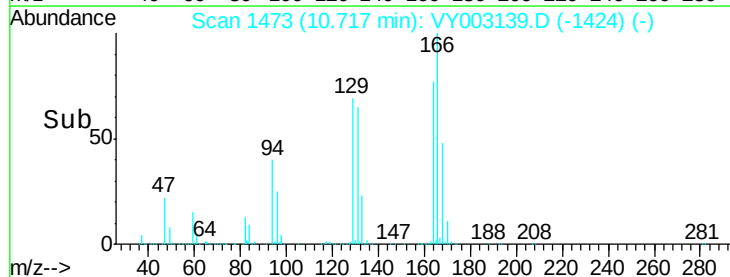
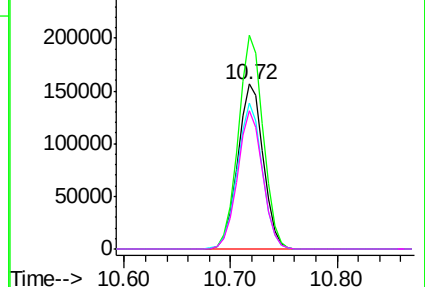


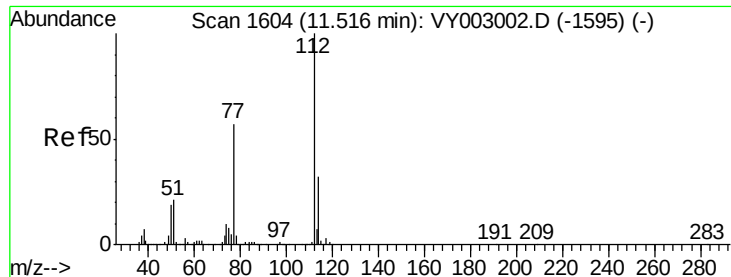
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

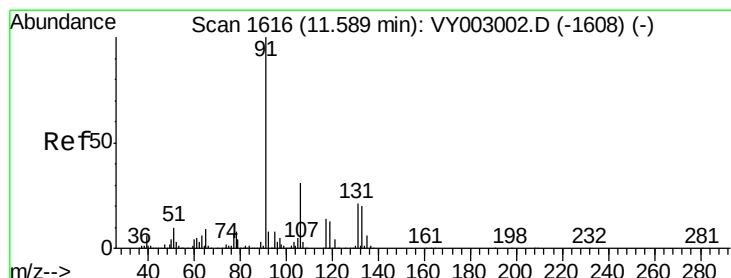
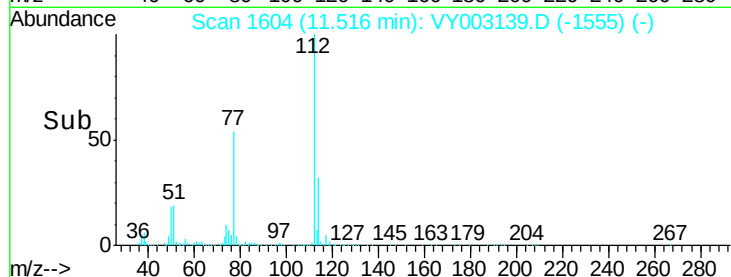
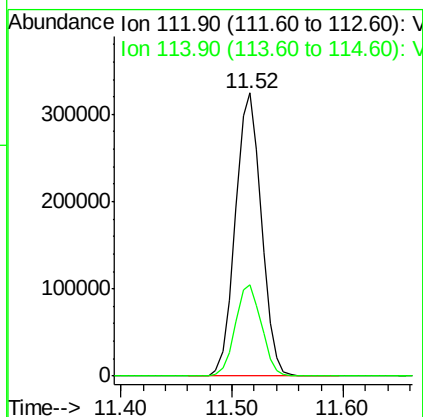
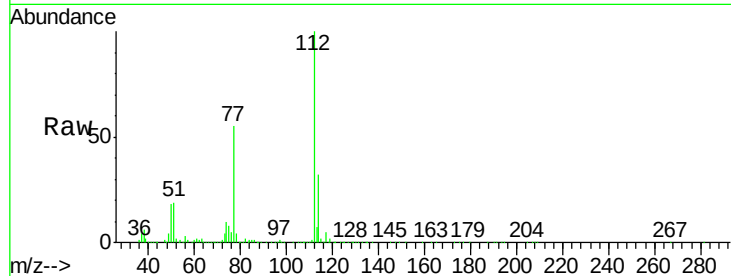




#65
Chlorobenzene
Concen: 51.846 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

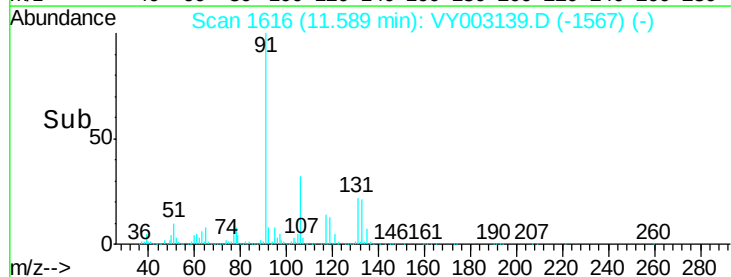
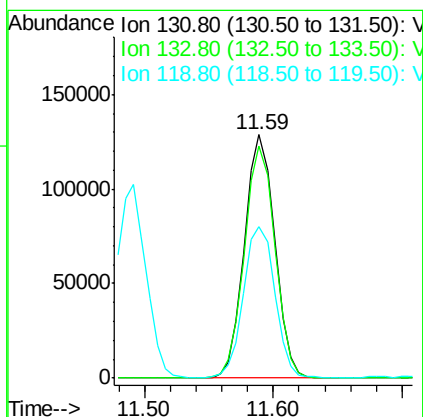
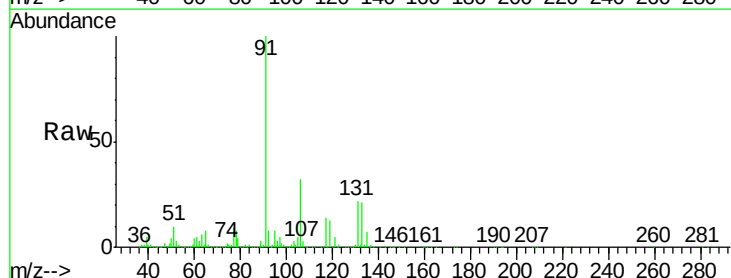
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

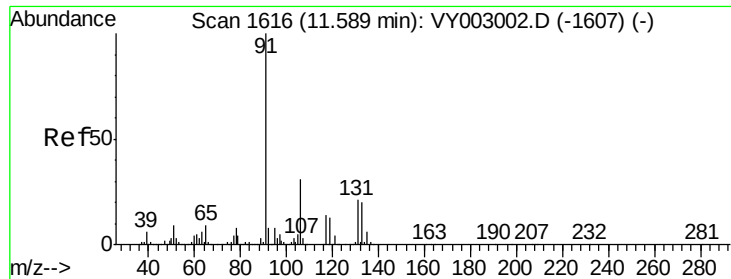
Tot Ion:112 Resp: 523732
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.147 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Tgt Ion:131 Resp: 209608
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.8
119 64.0 31.8 95.3





#67

Ethyl Benzene

Concen: 51.005 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

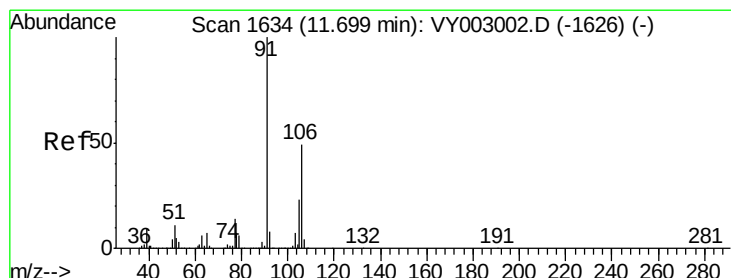
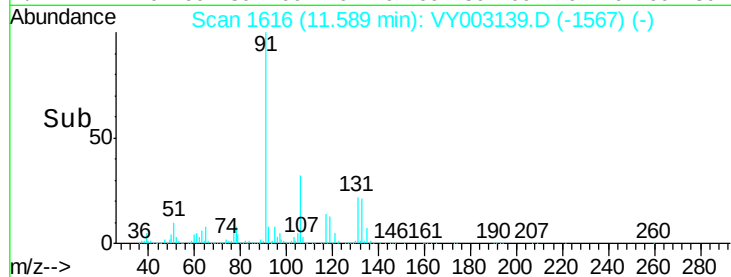
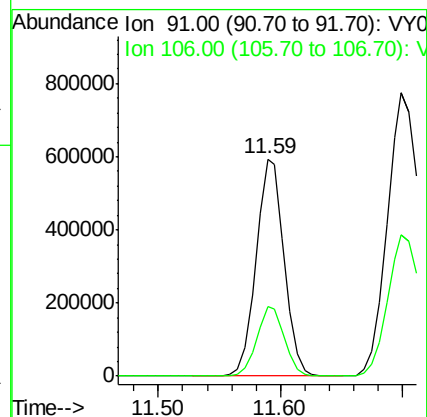
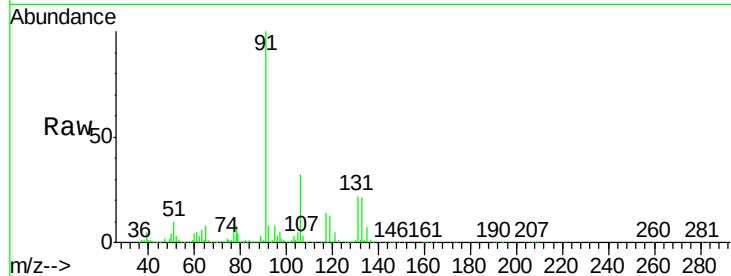
VSTDCCC050EC

Tot Ion: 91 Resp: 942592

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.4



#68

m/p-Xylenes

Concen: 103.756 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003139.D

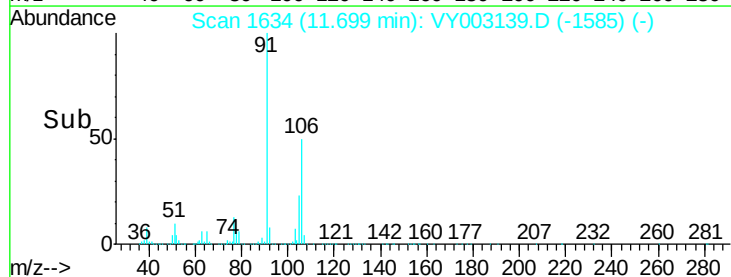
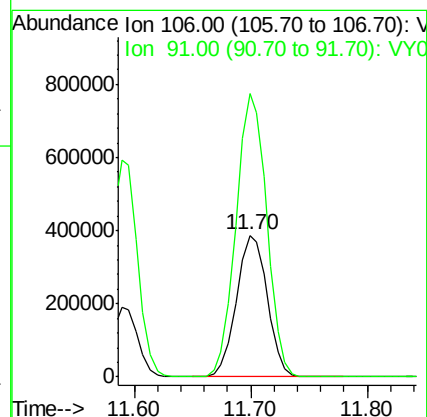
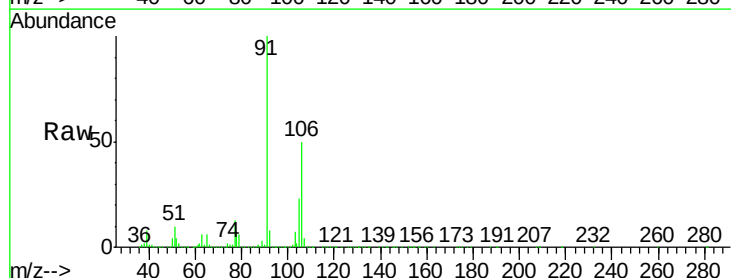
Acq: 08 Jul 2020 16:38

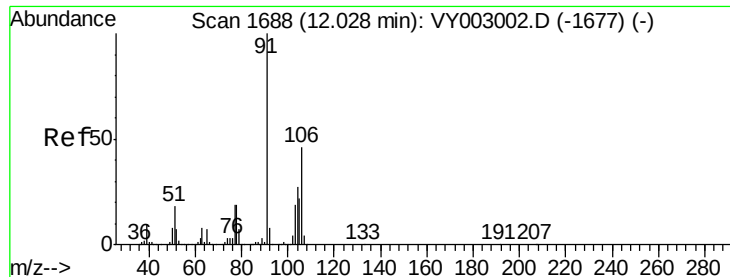
Tgt Ion: 106 Resp: 713641

Ion Ratio Lower Upper

106 100

91 198.8 161.9 242.9

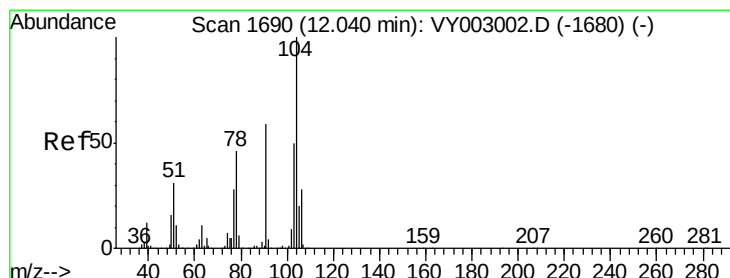
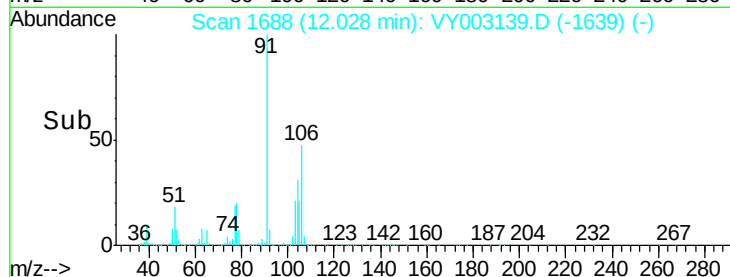
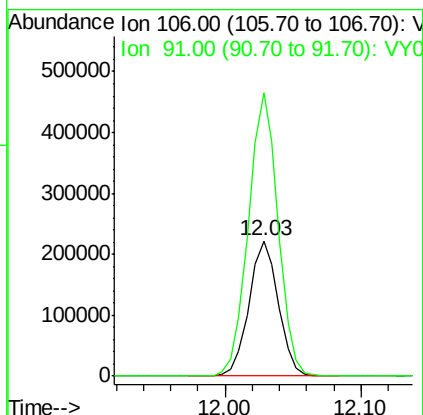
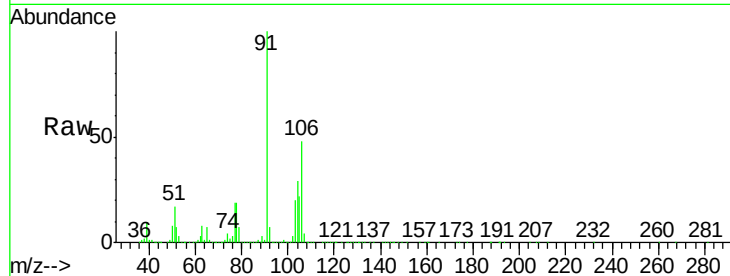




#69
o-Xylene
Concen: 51.833 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

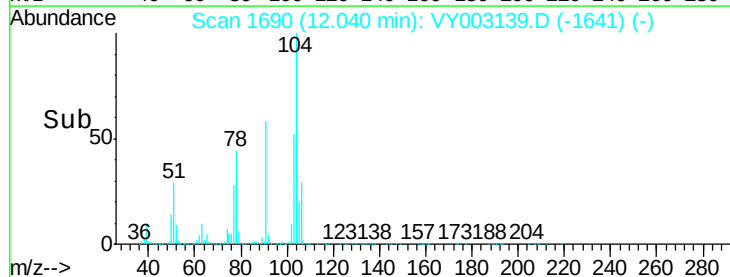
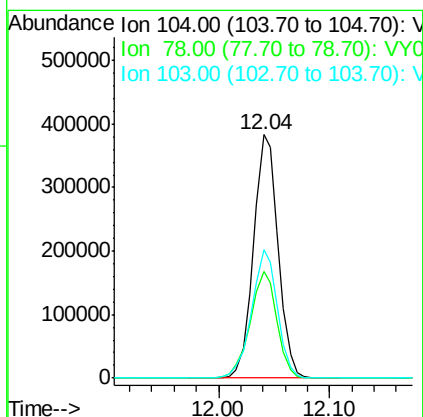
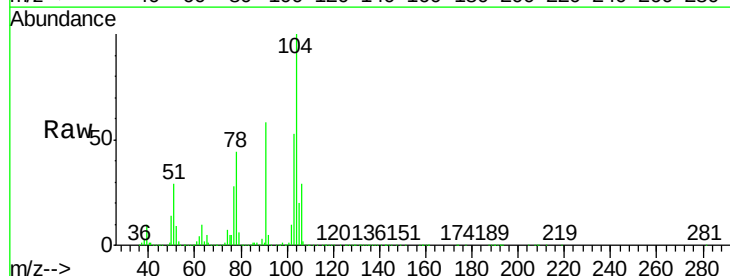
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

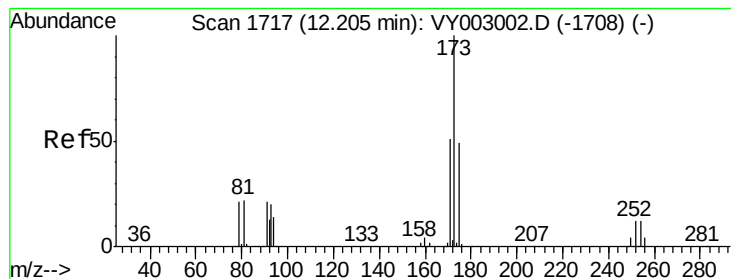
Tot Ion:106 Resp: 335953
Ion Ratio Lower Upper
106 100
91 210.7 107.9 323.8



#70
Styrene
Concen: 53.101 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Tgt Ion:104 Resp: 587976
Ion Ratio Lower Upper
104 100
78 47.8 40.4 60.6
103 55.4 44.1 66.1





#71

Bromoform

Concen: 52.653 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

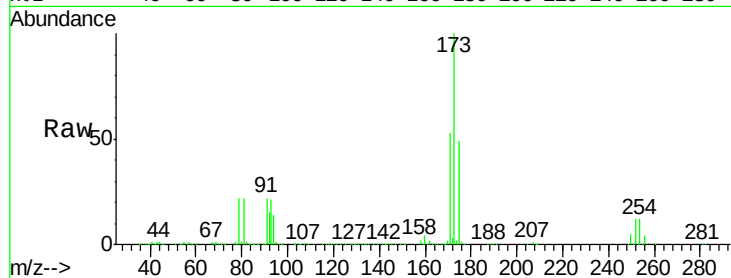
Tot Ion:173 Resp: 138467

Ion Ratio Lower Upper

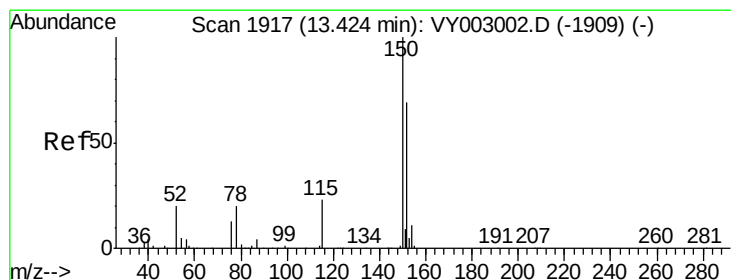
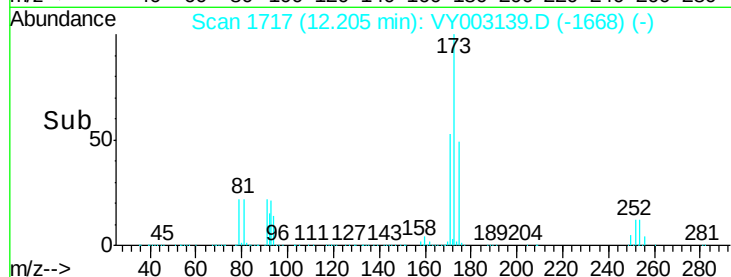
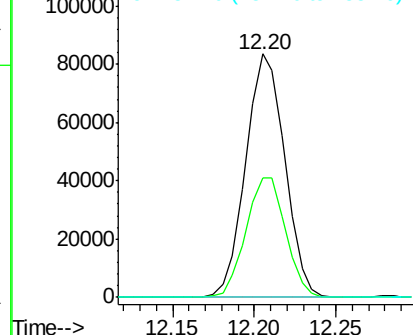
173 100

175 50.4 24.6 73.6

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

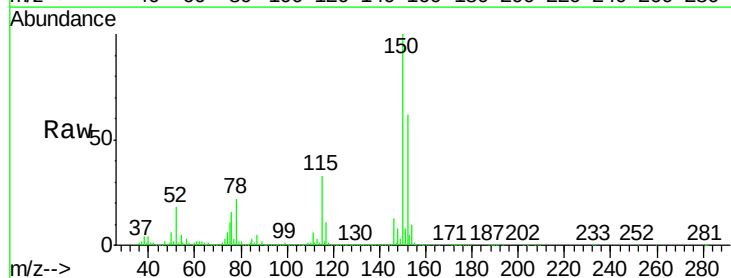
Tgt Ion:152 Resp: 273786

Ion Ratio Lower Upper

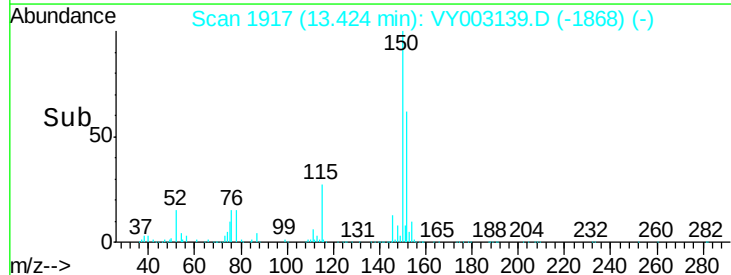
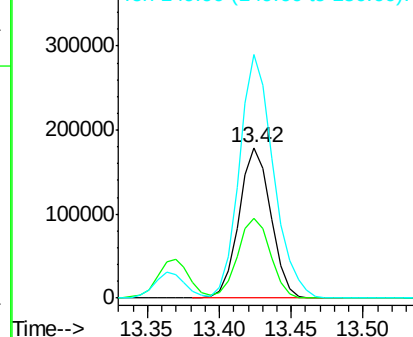
152 100

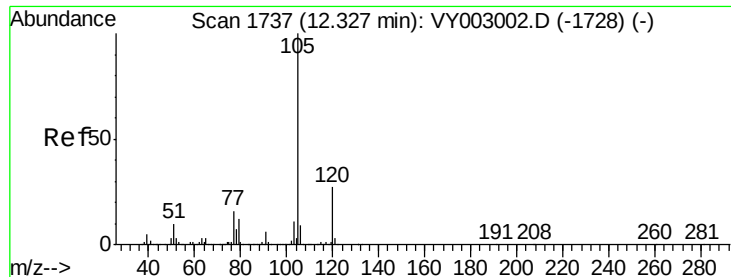
115 54.6 27.3 81.9

150 173.6 0.0 343.4



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





#73

Isopropylbenzene

Concen: 51.252 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

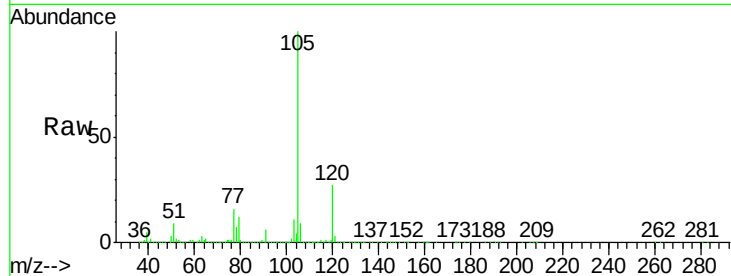
VSTDCCC050EC

Tot Ion: 105 Resp: 918335

Ion Ratio Lower Upper

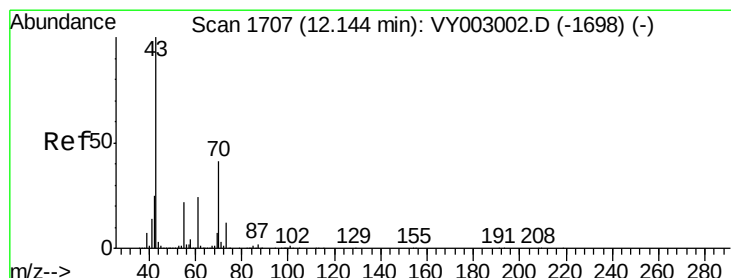
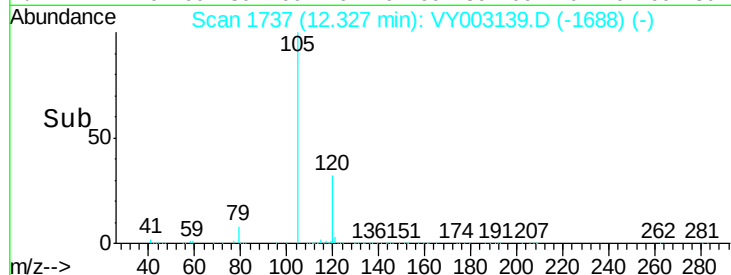
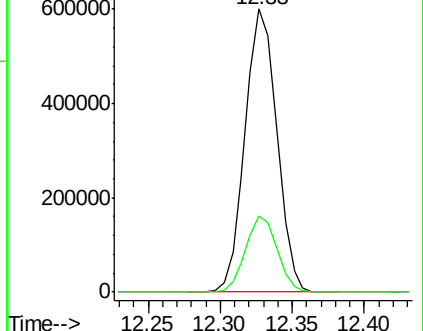
105 100

120 26.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.807 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Tgt Ion: 43 Resp: 267200

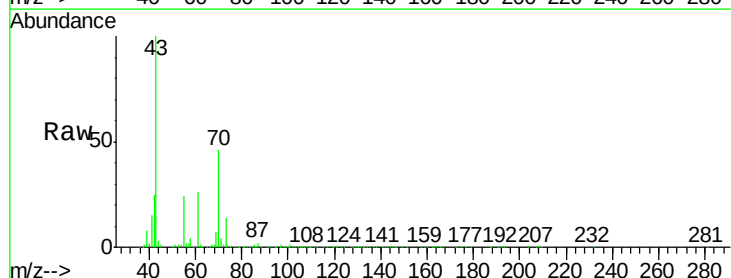
Ion Ratio Lower Upper

43 100

70 46.5 33.0 49.4

55 24.5 18.2 27.2

61 26.3 19.4 29.2

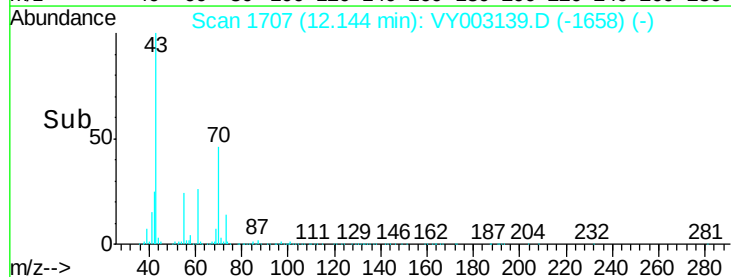
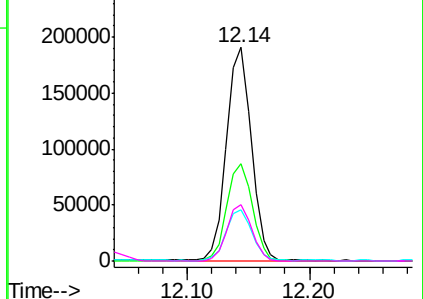


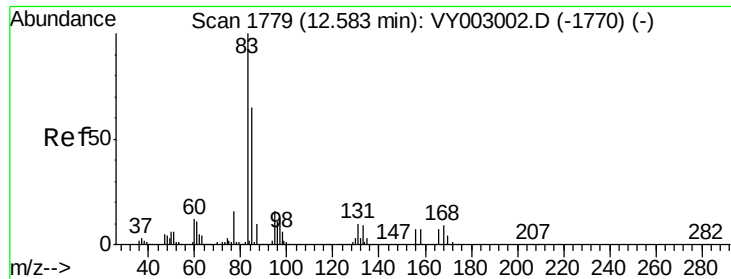
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.694 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

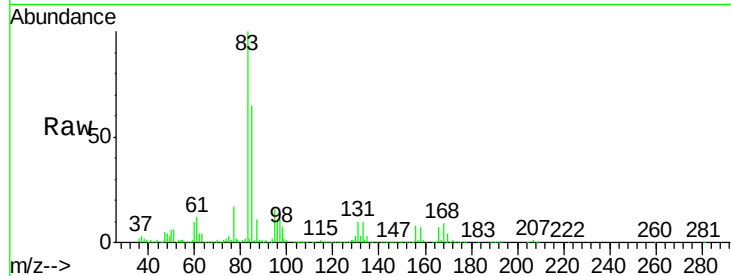
Tot Ion: 83 Resp: 179691

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

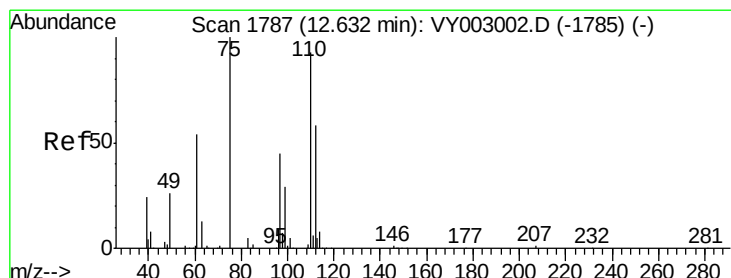
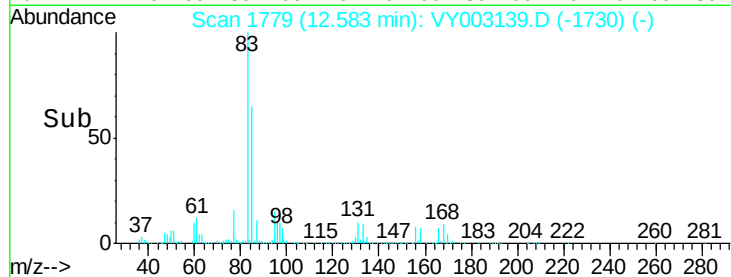
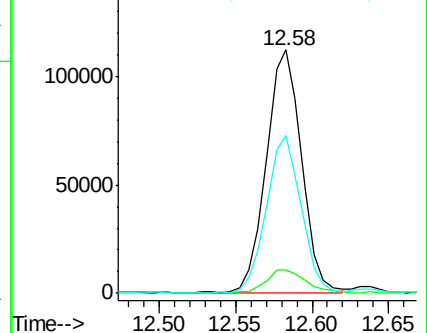
85 63.9 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 93.983 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003139.D

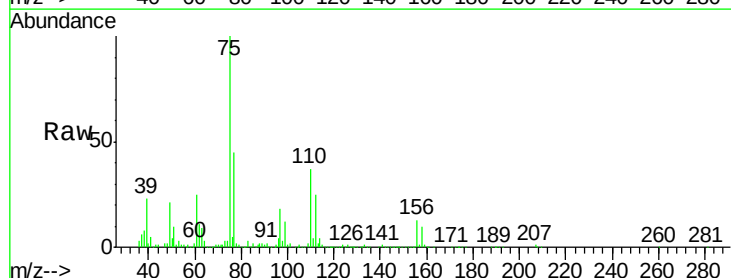
Acq: 08 Jul 2020 16:38

Tgt Ion: 75 Resp: 254661

Ion Ratio Lower Upper

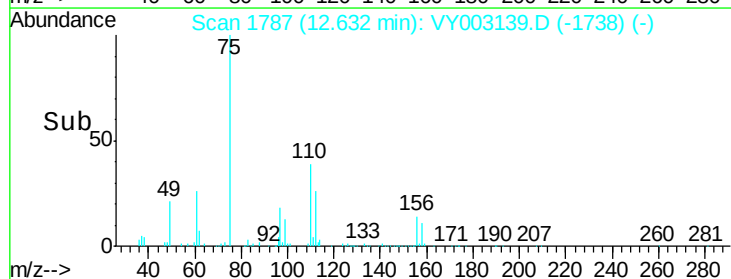
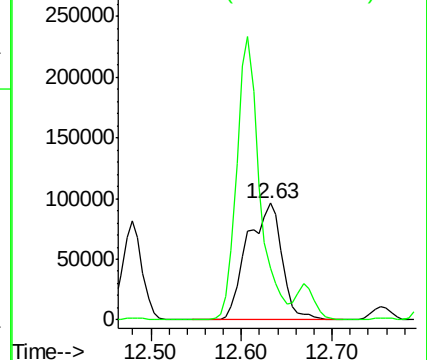
75 100

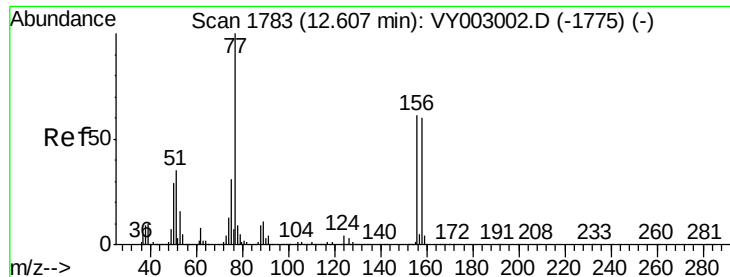
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 52.763 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

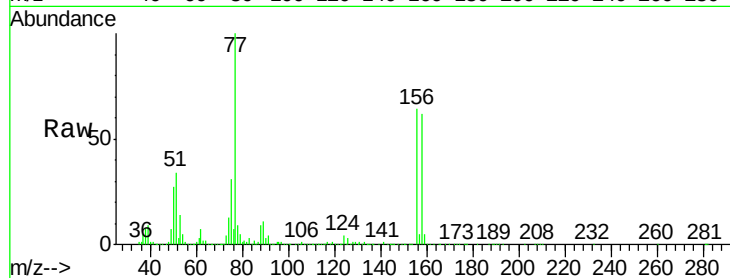
Tot Ion:156 Resp: 242403

Ion Ratio Lower Upper

156 100

77 168.7 90.0 270.0

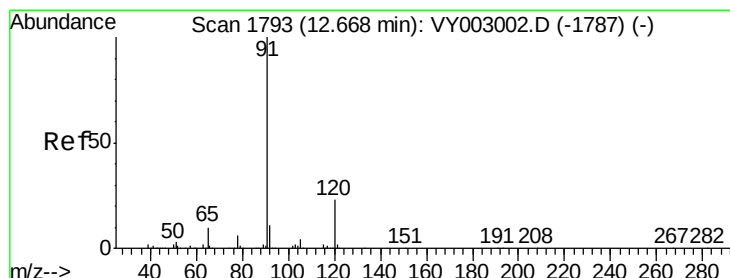
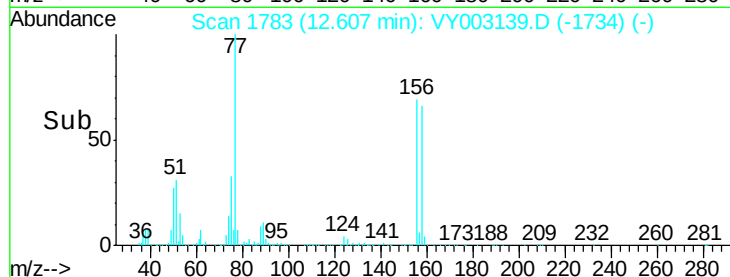
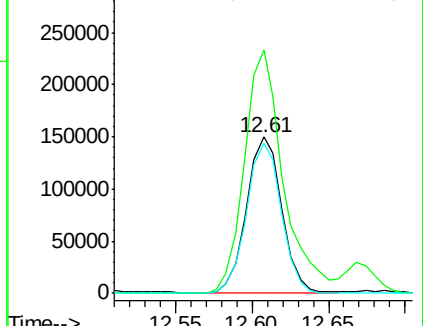
158 94.3 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.765 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003139.D

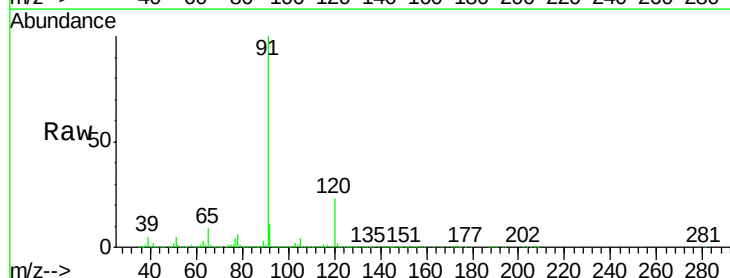
Acq: 08 Jul 2020 16:38

Tgt Ion: 91 Resp: 1093948

Ion Ratio Lower Upper

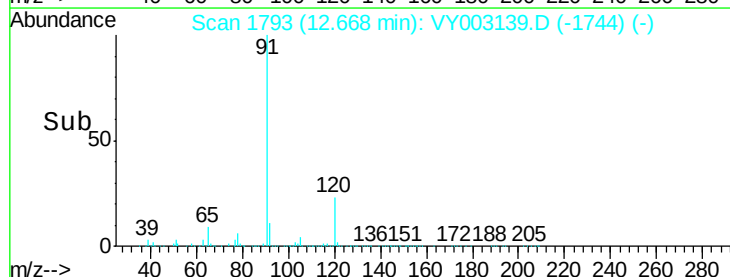
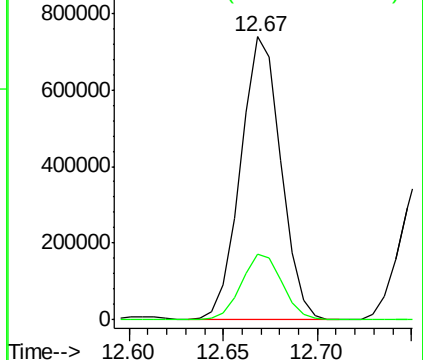
91 100

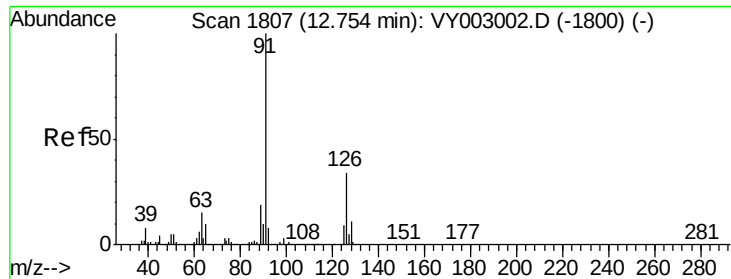
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.080 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

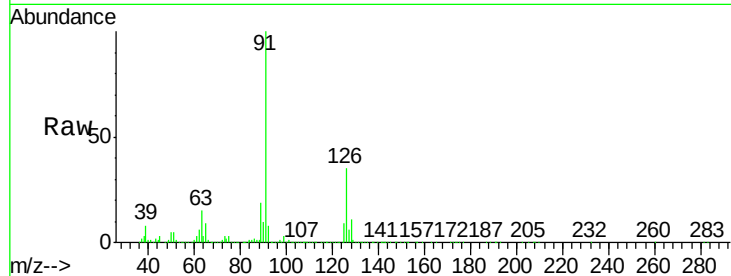
VSTDCCC050EC

Tot Ion: 91 Resp: 602375

Ion Ratio Lower Upper

91 100

126 35.8 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

800000

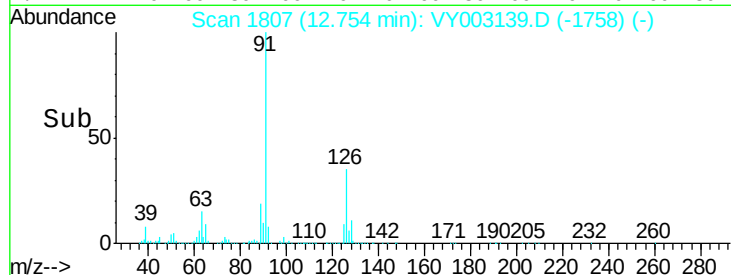
600000

400000

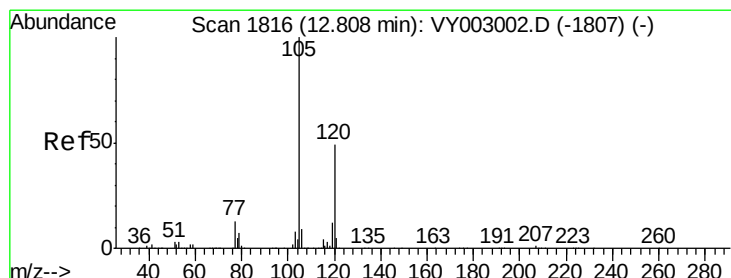
200000

0

12.70 12.75 12.80



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.871 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003139.D

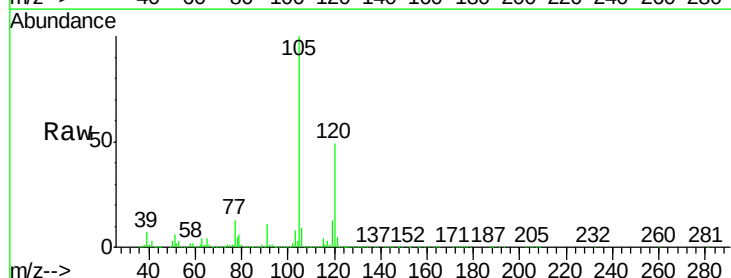
Acq: 08 Jul 2020 16:38

Tgt Ion: 105 Resp: 764893

Ion Ratio Lower Upper

105 100

120 49.9 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

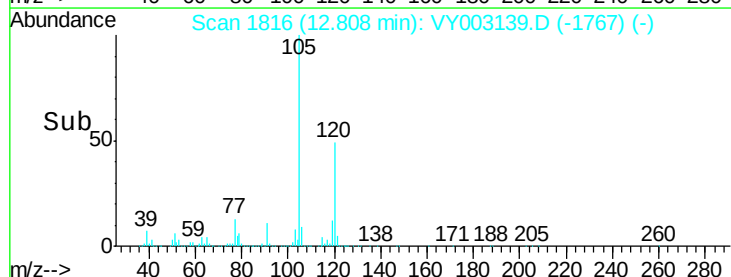
300000

200000

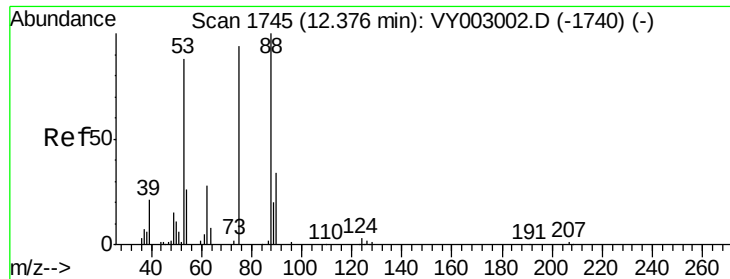
100000

0

12.70 12.80 12.90



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 49.701 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

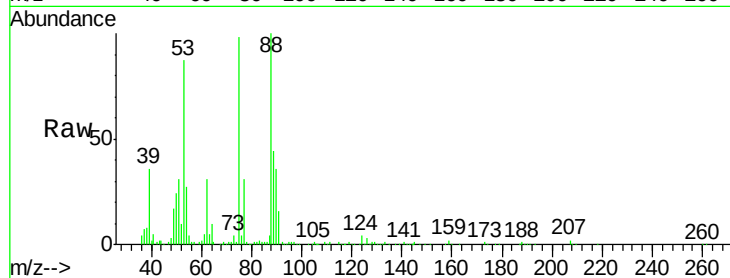
Tot Ion: 75 Resp: 69219

Ion Ratio Lower Upper

75 100

53 87.0 73.9 110.9

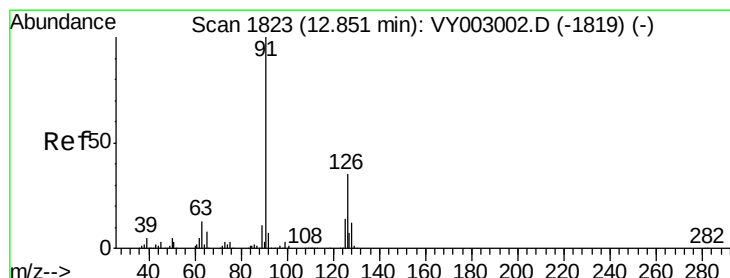
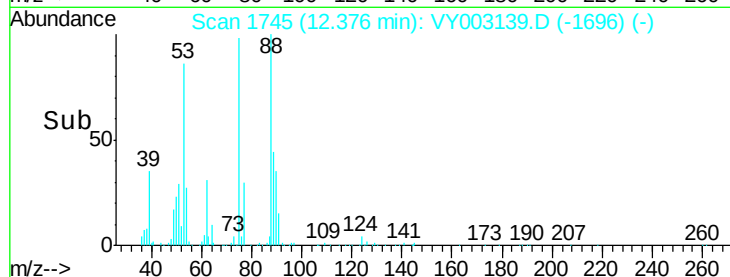
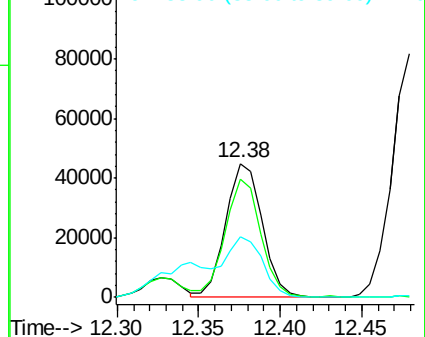
89 46.1 37.5 56.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 50.726 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003139.D

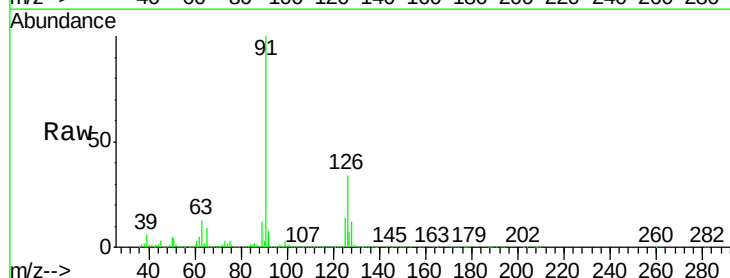
Acq: 08 Jul 2020 16:38

Tgt Ion: 91 Resp: 635251

Ion Ratio Lower Upper

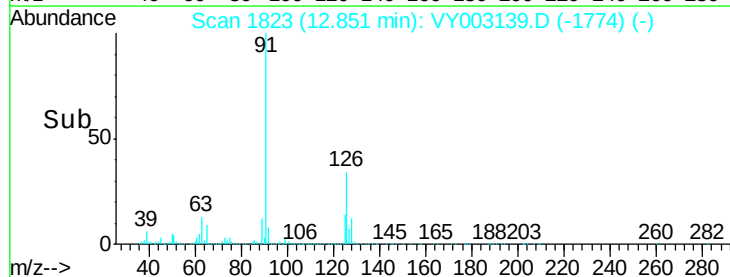
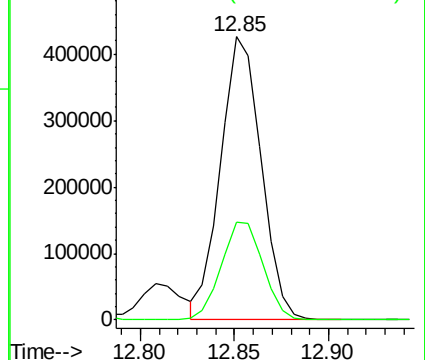
91 100

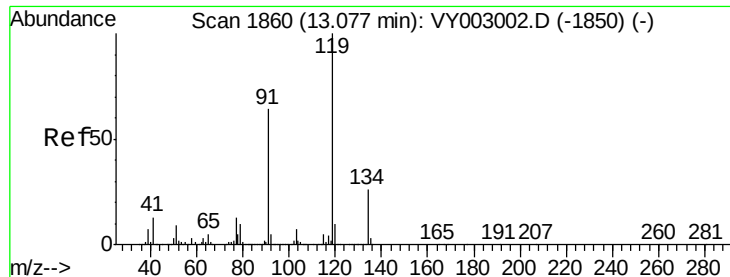
126 35.8 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.989 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

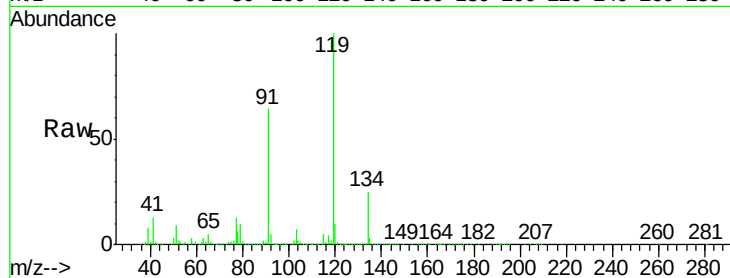
Tot Ion:119 Resp: 673195

Ion Ratio Lower Upper

119 100

91 62.3 31.6 95.0

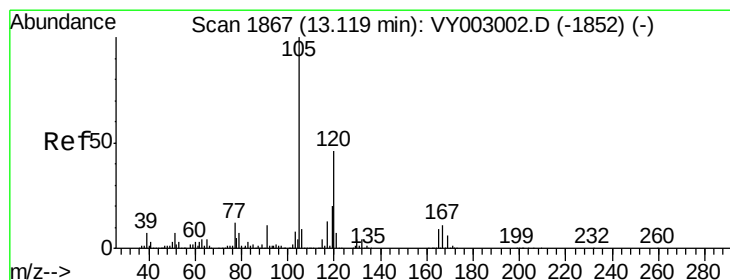
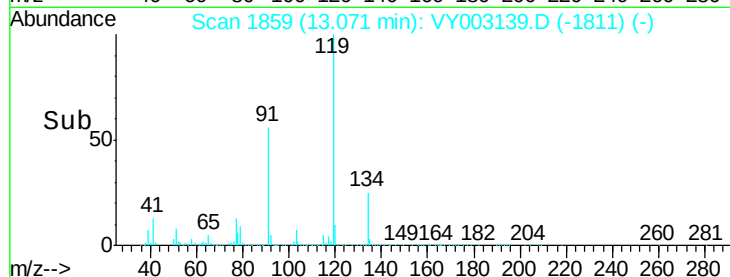
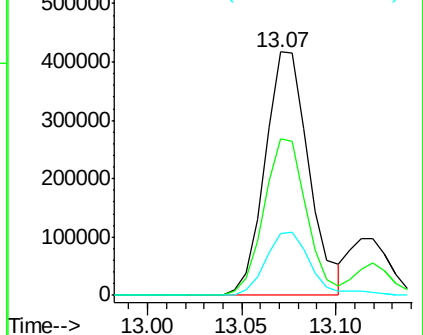
134 26.7 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.267 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003139.D

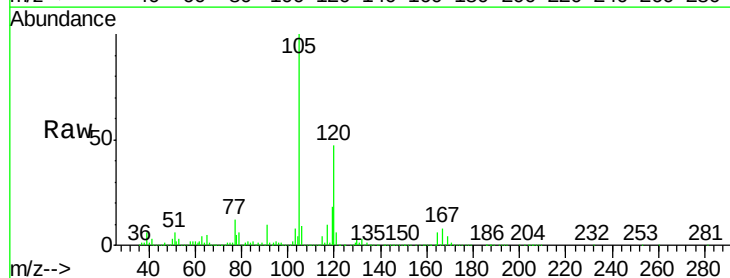
Acq: 08 Jul 2020 16:38

Tgt Ion:105 Resp: 776752

Ion Ratio Lower Upper

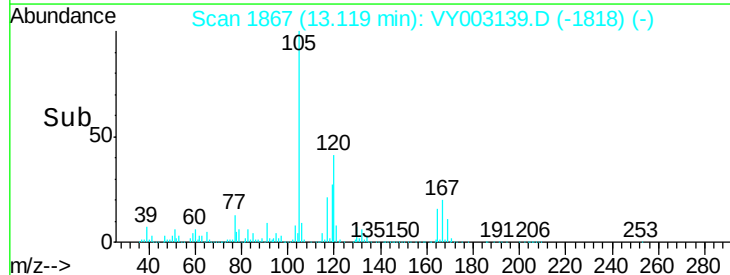
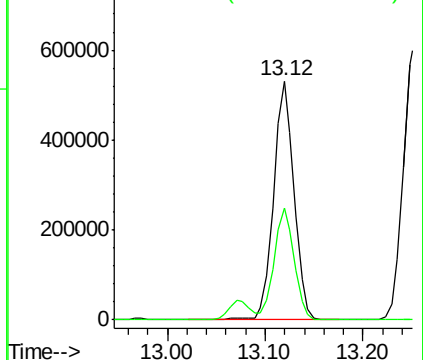
105 100

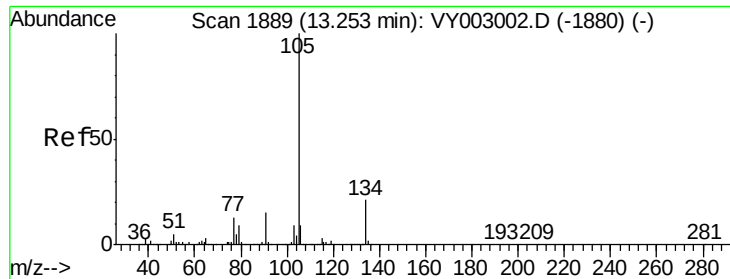
120 46.3 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.470 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

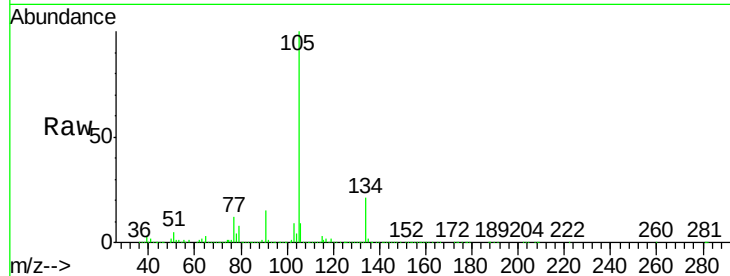
VSTDCCC050EC

Tot Ion:105 Resp: 936643

Ion Ratio Lower Upper

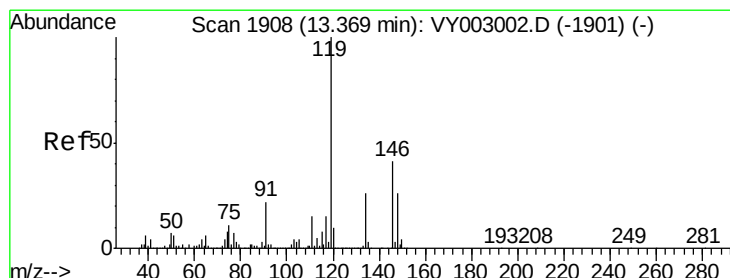
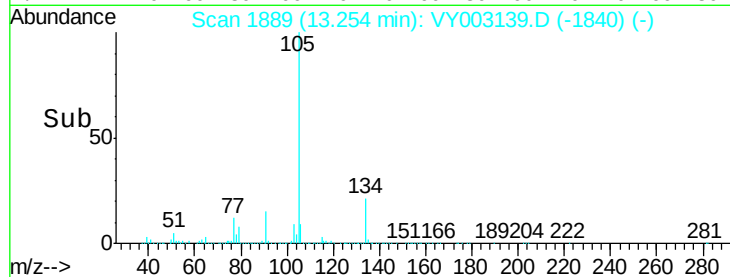
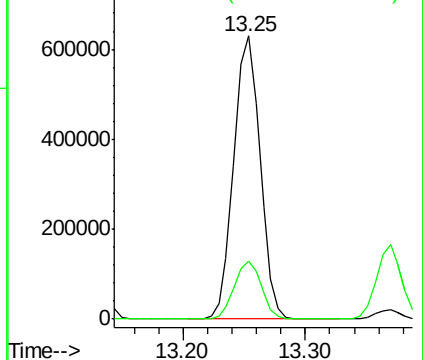
105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.146 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003139.D

Acq: 08 Jul 2020 16:38

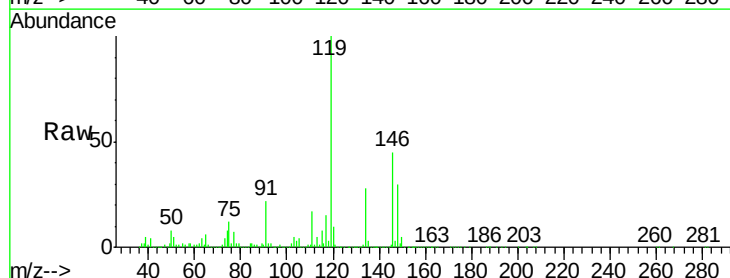
Tgt Ion:119 Resp: 862446

Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.4

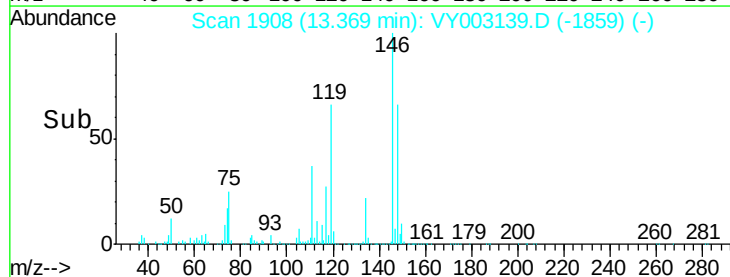
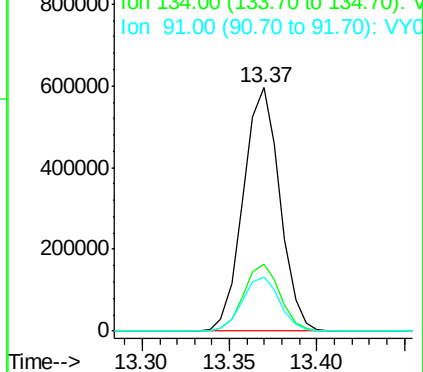
91 22.5 11.5 34.5

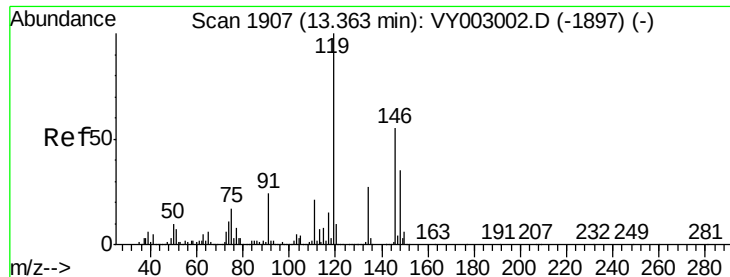


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

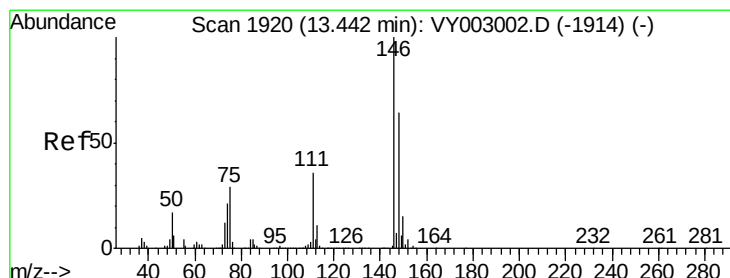
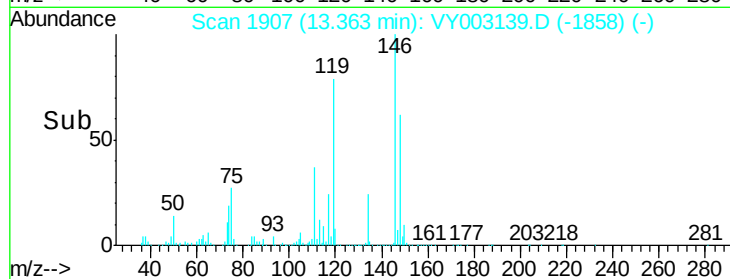
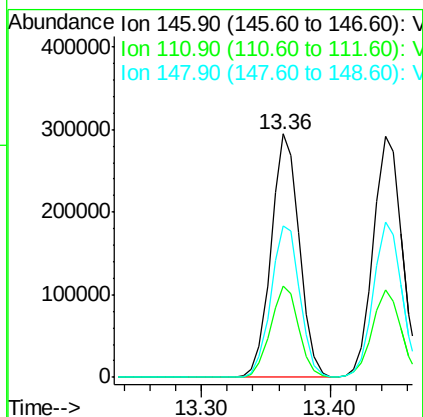
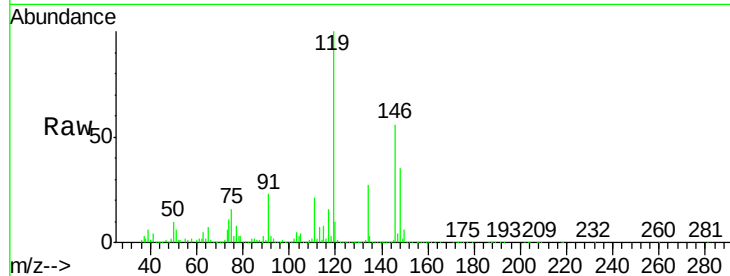




#87
 1,3-Dichlorobenzene
 Concen: 52.582 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003139.D
 Acq: 08 Jul 2020 16:38

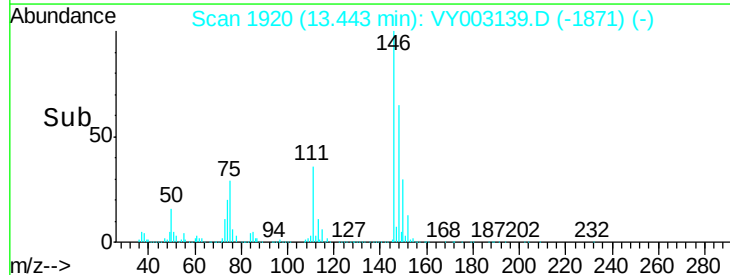
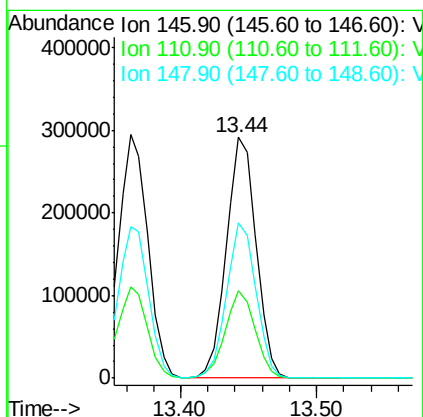
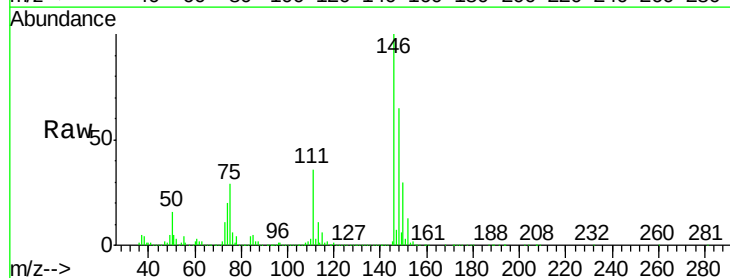
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

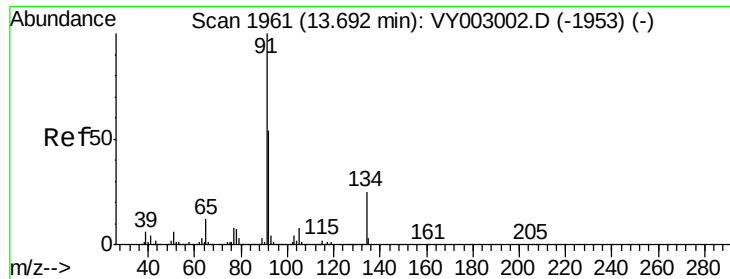
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.3
148	63.8	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 52.259 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003139.D
 Acq: 08 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.4	55.4
148	64.2	32.3	96.9

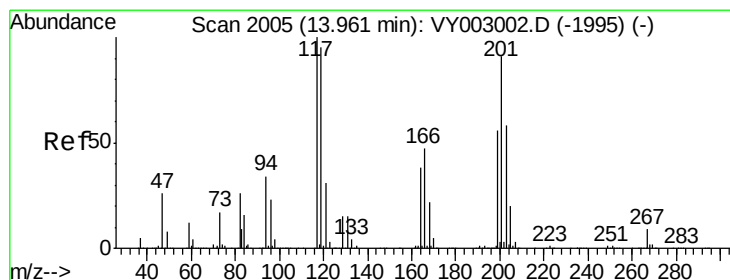
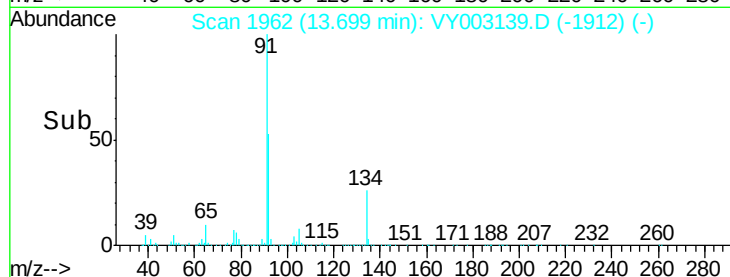
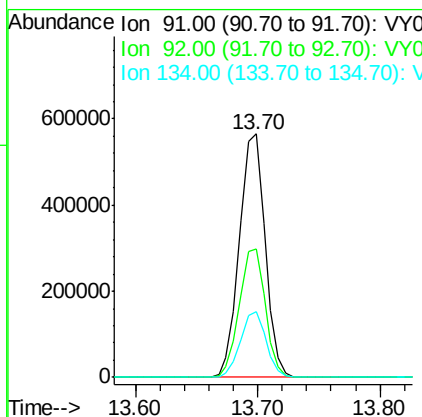
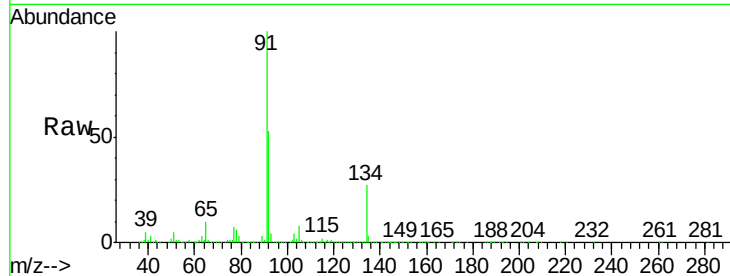




#89
n-Butylbenzene
Concen: 50.994 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

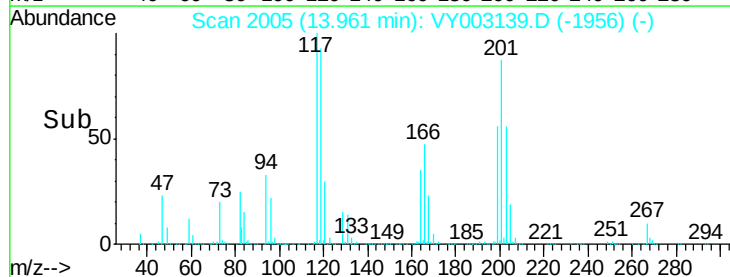
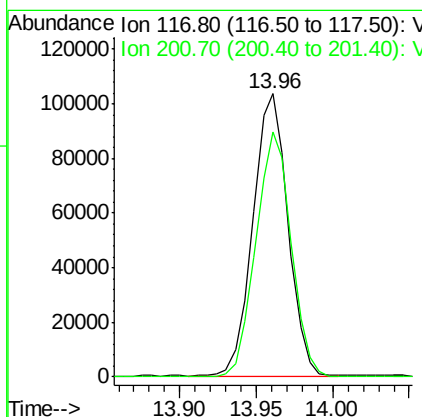
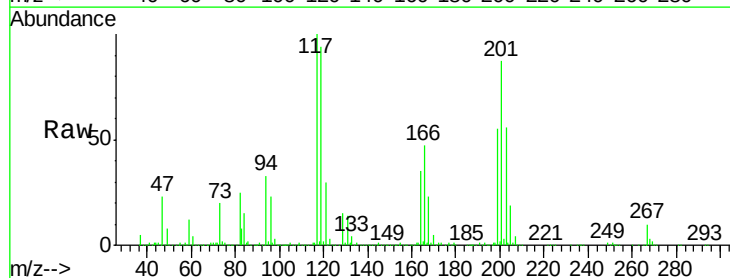
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

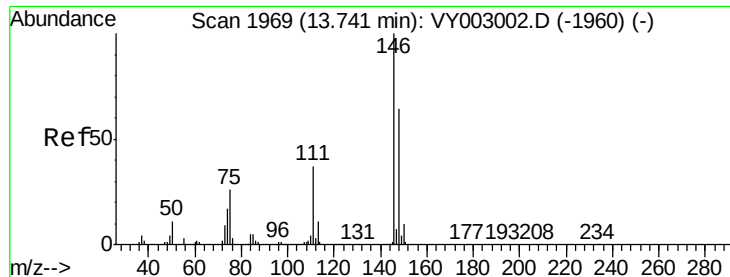
Tot Ion: 91 Resp: 822729
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.3
134 26.8 13.1 39.1



#90
Hexachloroethane
Concen: 49.136 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Tgt Ion: 117 Resp: 164526
Ion Ratio Lower Upper
117 100
201 87.3 45.5 136.4

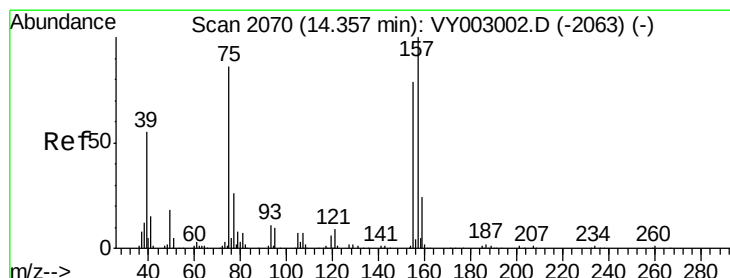
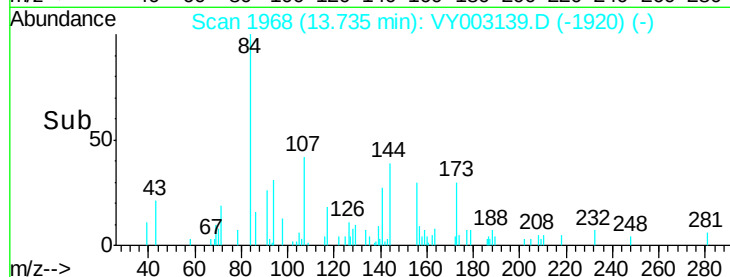
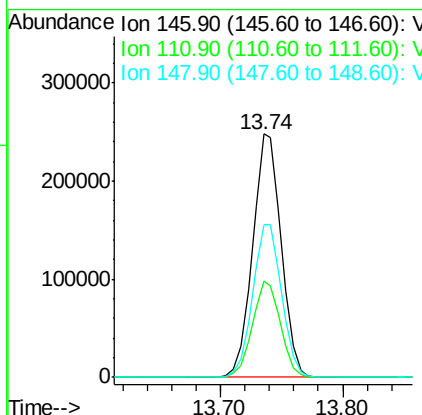
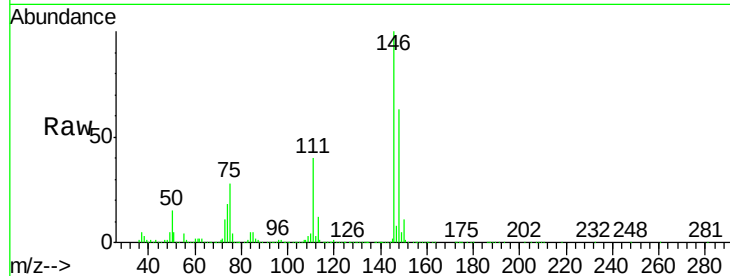




#91
 1,2-Dichlorobenzene
 Concen: 52.185 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY003139.D
 Acq: 08 Jul 2020 16:38

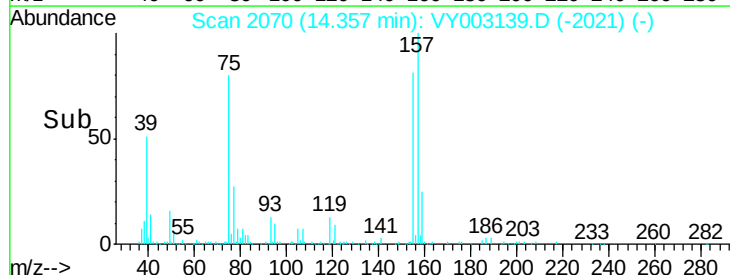
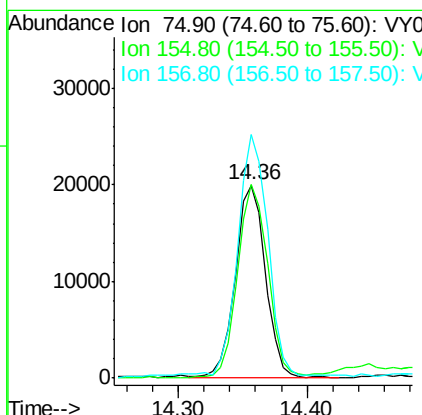
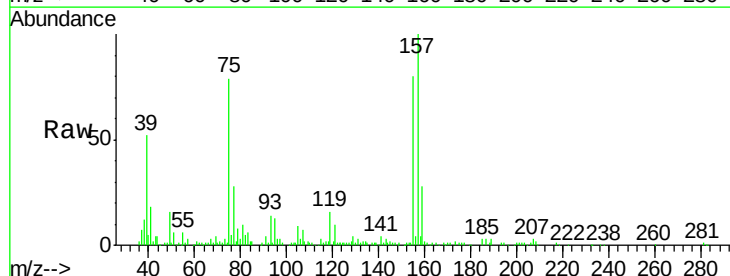
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

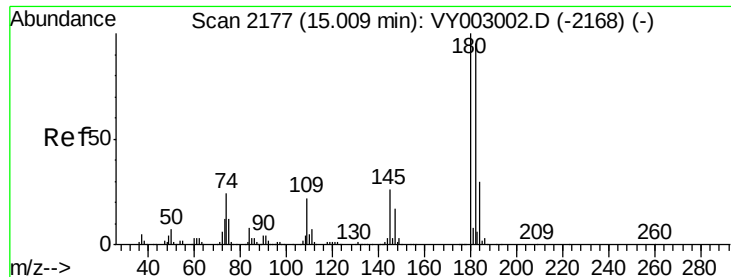
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.5
148	63.9	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.754 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003139.D
 Acq: 08 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.4	46.5	139.3
157	125.8	59.2	177.5

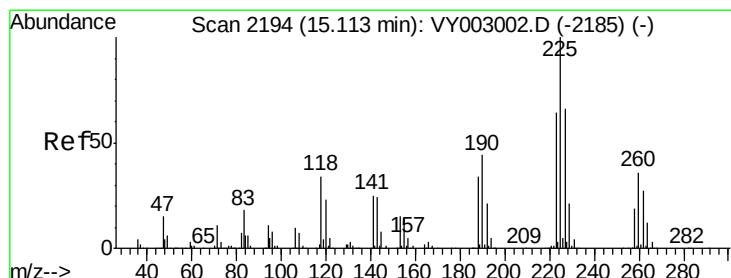
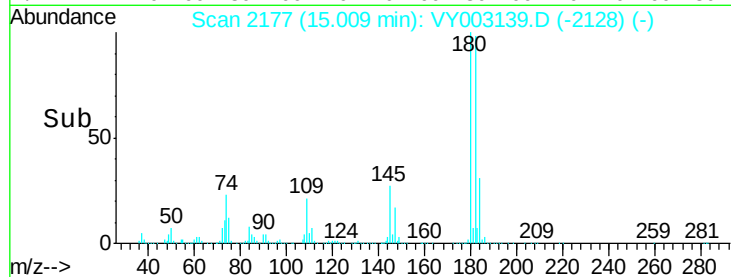
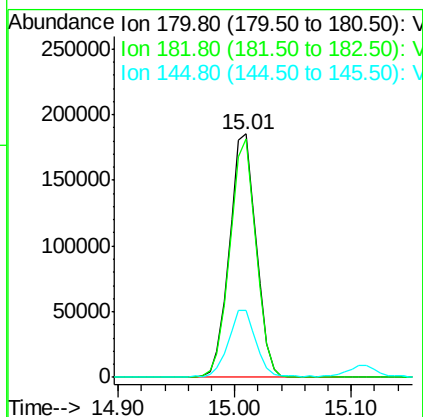
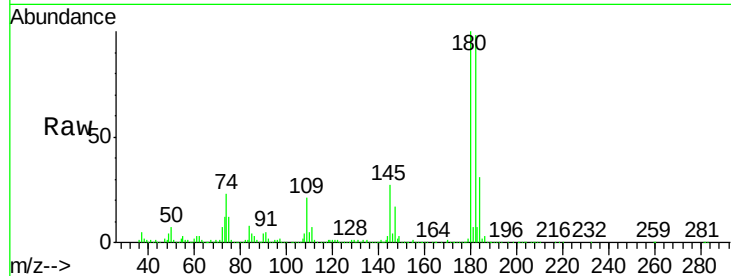




#93
 1,2,4-Trichlorobenzene
 Concen: 51.640 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY003139.D
 Acq: 08 Jul 2020 16:38

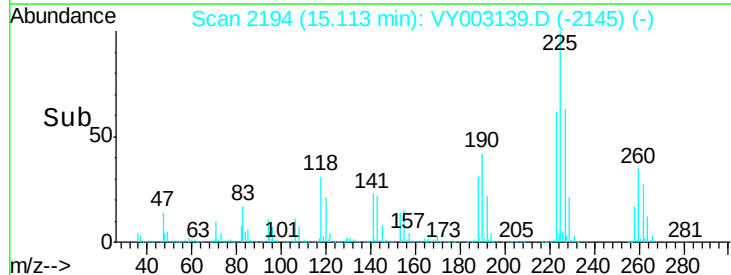
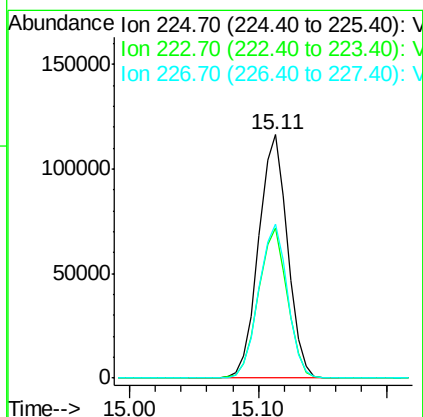
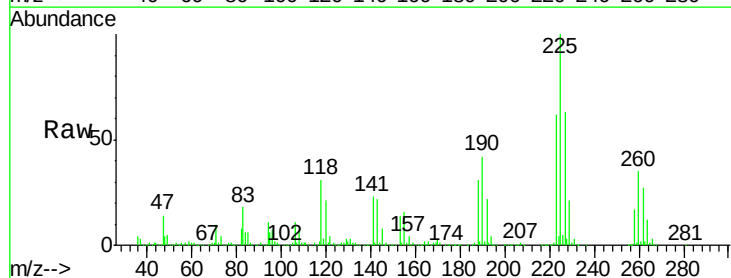
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

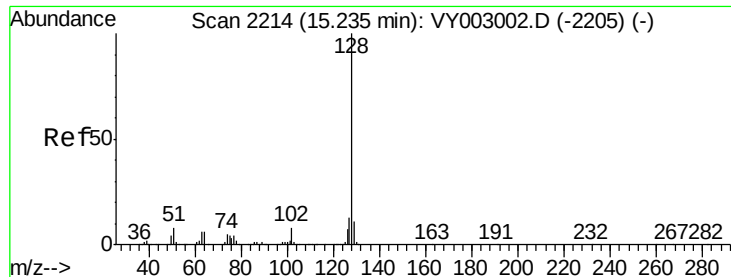
Tot Ion:180 Resp: 295294
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.1 144.3
 145 27.9 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 49.739 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003139.D
 Acq: 08 Jul 2020 16:38

Tgt Ion:225 Resp: 179405
 Ion Ratio Lower Upper
 225 100
 223 61.7 32.4 97.0
 227 63.2 32.4 97.2

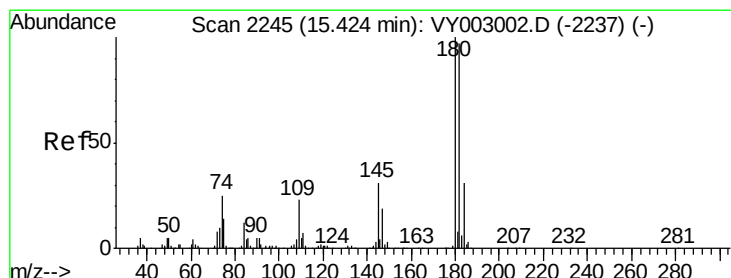
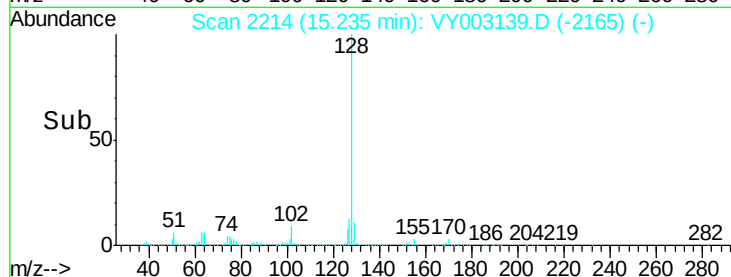
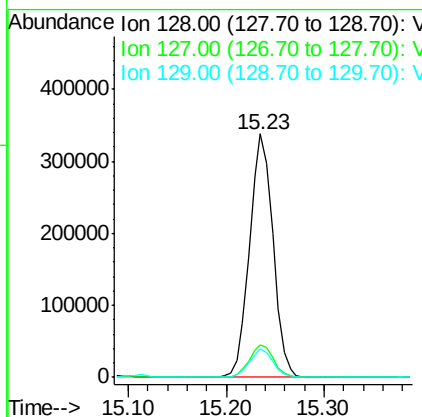
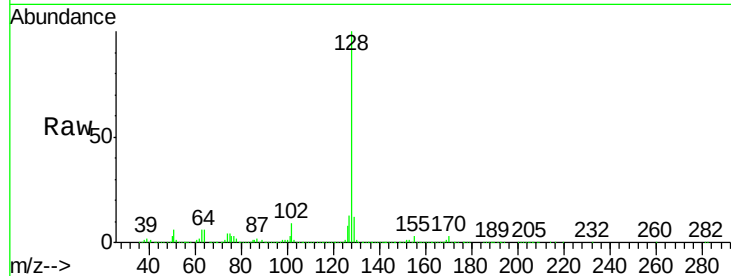




#95
Naphthalene
Concen: 53.652 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 560369
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 11.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.831 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003139.D
Acq: 08 Jul 2020 16:38

Tgt Ion:180 Resp: 252398
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.3
145 28.8 14.7 44.1

