

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003026.D
 Acq On : 30 Jun 2020 10:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 01 05:06:04 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	521092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	750302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	673106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	353154	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	241699	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	7.72	113	236277	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	10.18	98	877465	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.48	95	303452	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	193344	48.993	ug/l 98
3) Chloromethane	2.12	50	245047	42.403	ug/l 99
4) Vinyl Chloride	2.26	62	283986	50.378	ug/l 95
5) Bromomethane	2.65	94	194867	50.914	ug/l 100
6) Chloroethane	2.80	64	180738	50.401	ug/l 99
7) Trichlorofluoromethane	3.13	101	403412	50.703	ug/l 98
8) Diethyl Ether	3.54	74	133464	48.932	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	250302	52.688	ug/l 100
10) Methyl Iodide	4.10	142	316525	53.732	ug/l 99
11) Tert butyl alcohol	4.96	59	120732	228.901	ug/l 100
12) 1,1-Dichloroethene	3.88	96	232770	51.497	ug/l 95
13) Acrolein	3.74	56	100868	212.928	ug/l 100
14) Allyl chloride	4.49	41	375279	47.553	ug/l 98
15) Acrylonitrile	5.17	53	330627	235.199	ug/l 99
16) Acetone	3.96	43	312495	256.012	ug/l 98
17) Carbon Disulfide	4.20	76	728766	50.462	ug/l 99
18) Methyl Acetate	4.48	43	144481	43.934	ug/l 95
19) Methyl tert-butyl Ether	5.23	73	661250	50.187	ug/l 98
20) Methylene Chloride	4.72	84	305743	57.125	ug/l 95
21) trans-1,2-Dichloroethene	5.22	96	264222	51.678	ug/l 91
22) Diisopropyl ether	6.13	45	812236	48.019	ug/l 96
23) Vinyl Acetate	6.07	43	2716407	240.206	ug/l 99
24) 1,1-Dichloroethane	6.02	63	461549	49.952	ug/l 99
25) 2-Butanone	6.99	43	459531	236.997	ug/l 100
26) 2,2-Dichloropropane	6.99	77	432010	51.461	ug/l 100
27) cis-1,2-Dichloroethene	6.99	96	296084	51.630	ug/l 96
28) Bromochloromethane	7.34	49	193917	47.168	ug/l 91
29) Tetrahydrofuran	7.35	42	295120	228.877	ug/l 94
30) Chloroform	7.51	83	464730	50.769	ug/l 98
31) Cyclohexane	7.79	56	430088	47.249	ug/l 97
32) 1,1,1-Trichloroethane	7.71	97	427356	51.147	ug/l 99
36) 1,1-Dichloropropene	7.92	75	375487	51.955	ug/l 98
37) Ethyl Acetate	7.08	43	205489	47.289	ug/l 99
38) Carbon Tetrachloride	7.91	117	393936	52.389	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	472486	52.729	ug/l	98
40) Benzene	8.16	78	1021706	51.637	ug/l	99
41) Methacrylonitrile	7.35	41	280960	121.040	ug/l #	43
42) 1,2-Dichloroethane	8.24	62	314879	50.305	ug/l	99
43) Isopropyl Acetate	8.27	43	395603	47.889	ug/l	97
44) Trichloroethene	8.94	130	301073	52.352	ug/l	97
45) 1,2-Dichloropropane	9.22	63	267262	50.207	ug/l	95
46) Dibromomethane	9.31	93	151038	50.802	ug/l	98
47) Bromodichloromethane	9.50	83	372456	51.162	ug/l	98
48) Methyl methacrylate	9.29	41	178026	47.346	ug/l	95
49) 1,4-Dioxane	9.30	88	39385	1085.208	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	1027736	240.707	ug/l	98
52) Toluene	10.24	92	646660	51.918	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	391702	51.320	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	450755	51.639	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	214056	51.812	ug/l	99
56) Ethyl methacrylate	10.51	69	305562	51.094	ug/l	97
57) 1,3-Dichloropropane	10.79	76	367385	50.655	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	754548	246.007	ug/l	98
59) 2-Hexanone	10.83	43	744231	249.379	ug/l	99
60) Dibromochloromethane	10.99	129	276092	52.220	ug/l	99
61) 1,2-Dibromoethane	11.09	107	206323	50.657	ug/l	100
64) Tetrachloroethene	10.72	164	303714	53.313	ug/l	99
65) Chlorobenzene	11.52	112	706137	53.204	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	279270	53.894	ug/l	99
67) Ethyl Benzene	11.59	91	1289179	53.094	ug/l	99
68) m/p-Xylenes	11.70	106	963037	106.567	ug/l	100
69) o-Xylene	12.03	106	458016	53.785	ug/l	98
70) Styrene	12.04	104	773104	53.141	ug/l	98
71) Bromoform	12.20	173	184253	53.326	ug/l	99
73) Isopropylbenzene	12.33	105	1256629	54.370	ug/l	100
74) N-amyl acetate	12.14	43	378331	50.282	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	244433	52.406	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	340825	97.514	ug/l #	100
77) Bromobenzene	12.61	156	316885	53.474	ug/l	99
78) n-propylbenzene	12.67	91	1483837	53.383	ug/l	100
79) 2-Chlorotoluene	12.75	91	836151	53.893	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	1044113	53.835	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	92919	51.724	ug/l	96
82) 4-Chlorotoluene	12.85	91	870216	53.871	ug/l	100
83) tert-Butylbenzene	13.08	119	921171	54.091	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1043960	53.418	ug/l	99
85) sec-Butylbenzene	13.25	105	1272593	54.215	ug/l	100
86) p-Isopropyltoluene	13.37	119	1188772	54.654	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	595413	53.817	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	585311	53.651	ug/l	100
89) n-Butylbenzene	13.70	91	1136916	54.631	ug/l	100
90) Hexachloroethane	13.96	117	233950	54.167	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	528204	53.212	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	42589	51.581	ug/l	98

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QLast Update : Tue Jun 30 04:11:35 2020
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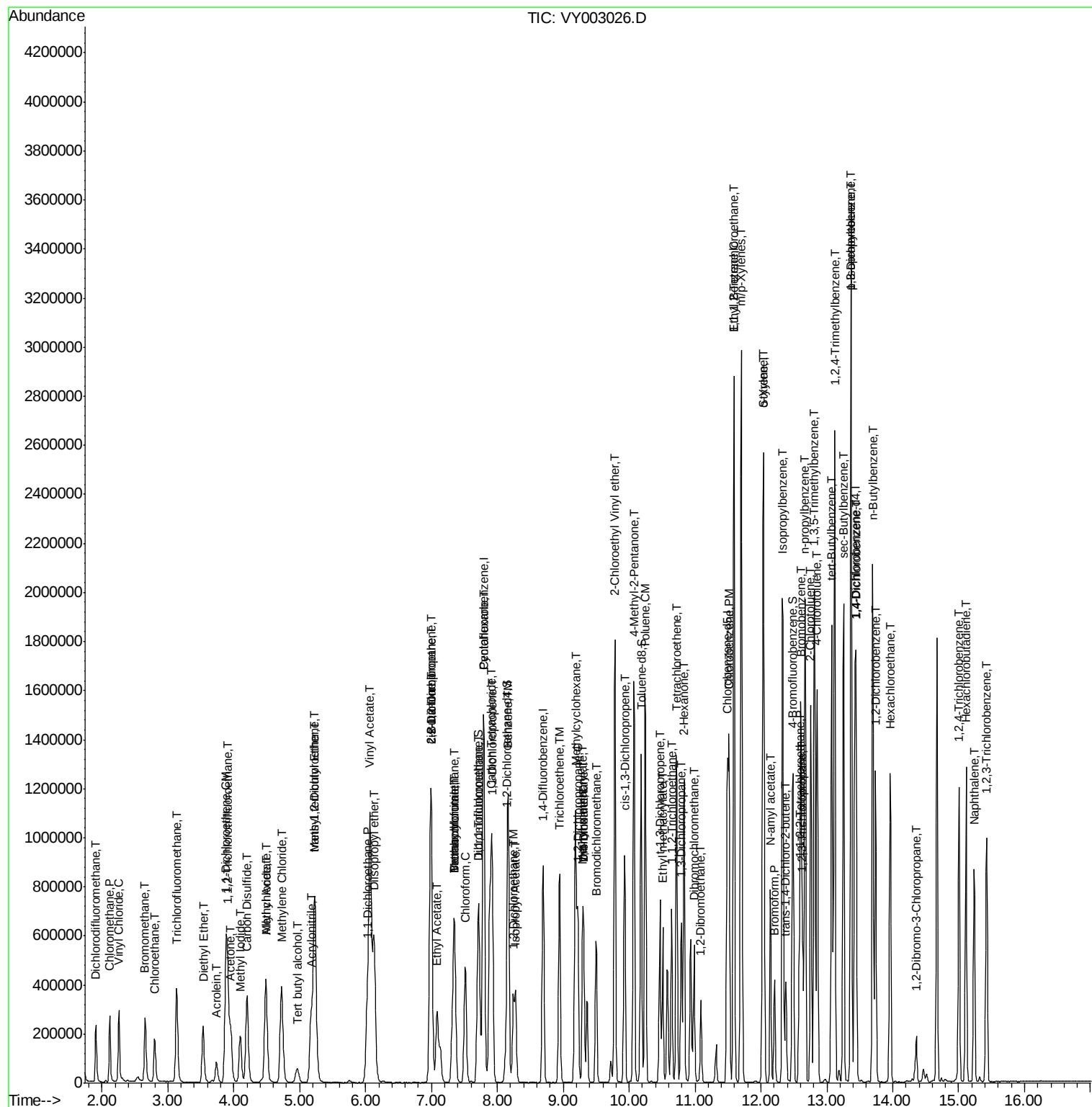
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	395170	53.575	ug/l	99
94) Hexachlorobutadiene	15.11	225	256508	55.133	ug/l	99
95) Naphthalene	15.23	128	708464	52.586	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	337759	52.735	ug/l	99

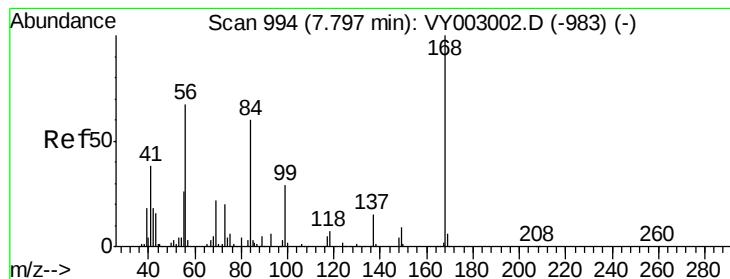
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

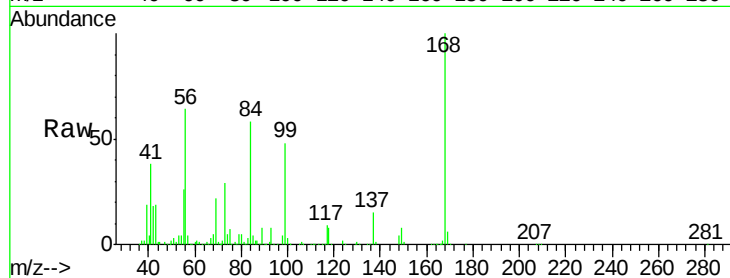
VSTDCCC050

Tot Ion:168 Resp: 521092

Ion Ratio Lower Upper

168 100

99 48.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

250000

200000

150000

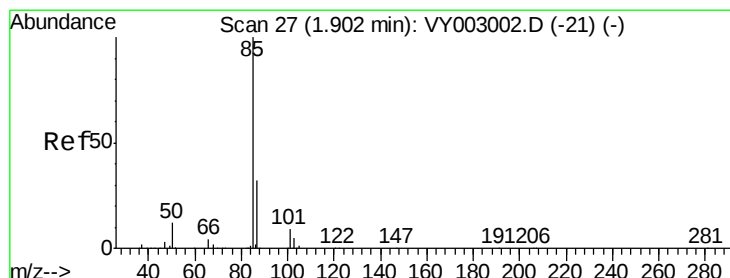
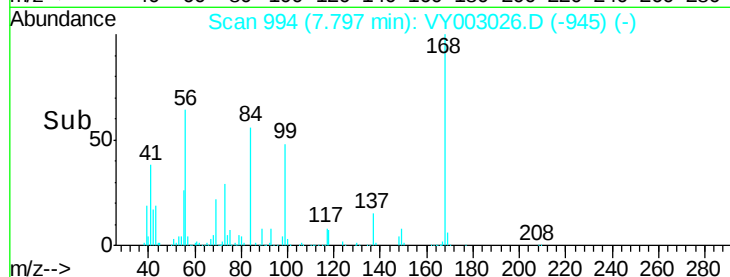
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 48.993 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003026.D

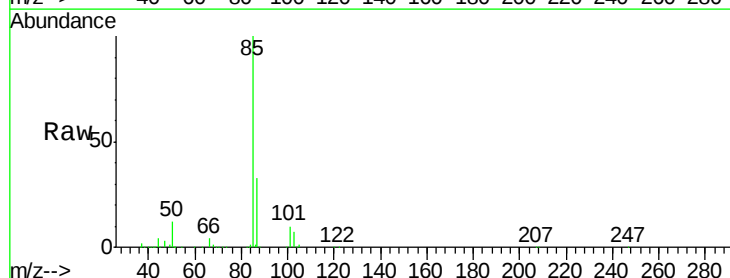
Acq: 30 Jun 2020 10:43

Tgt Ion: 85 Resp: 193344

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003002.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003002.D (-21) (-)

150000

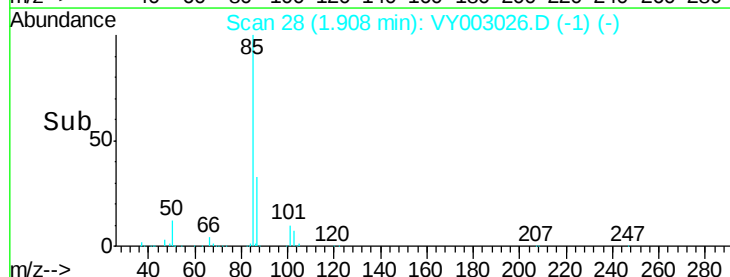
100000

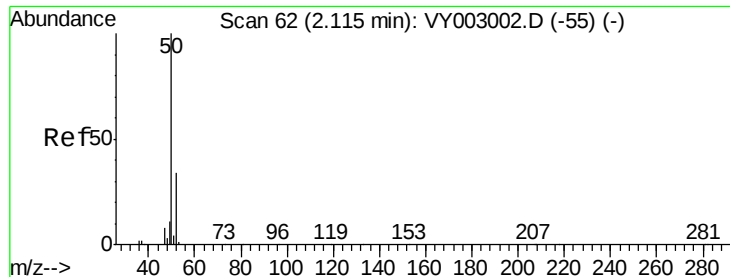
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 42.403 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

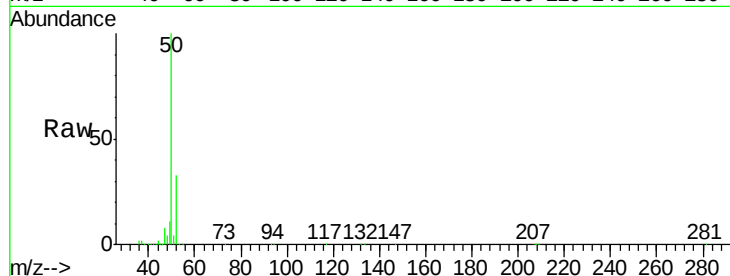
VSTDCCC050

Tot Ion: 50 Resp: 245047

Ion Ratio Lower Upper

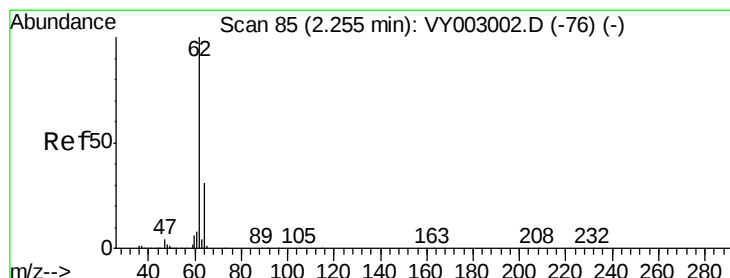
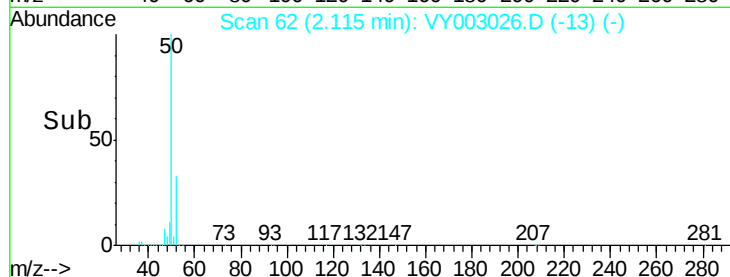
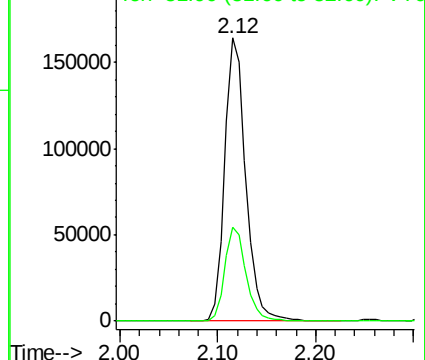
50 100

52 33.3 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 50.378 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003026.D

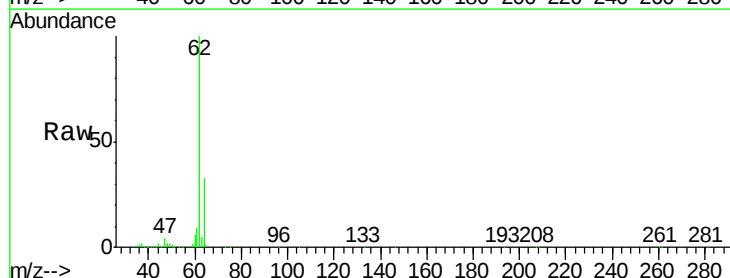
Acq: 30 Jun 2020 10:43

Tgt Ion: 62 Resp: 283986

Ion Ratio Lower Upper

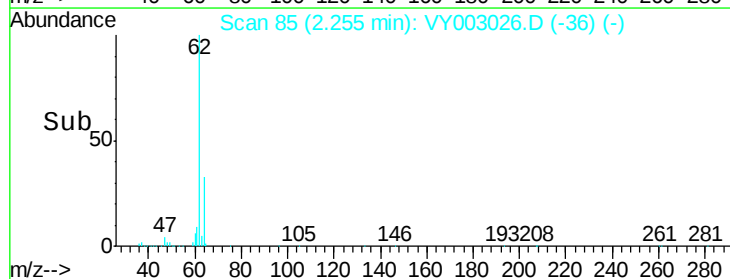
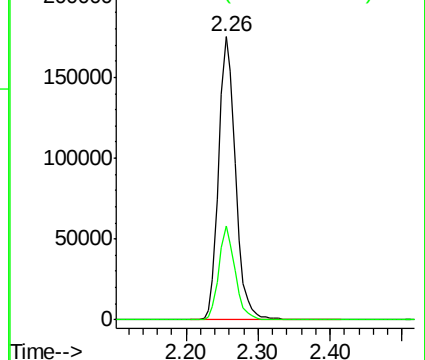
62 100

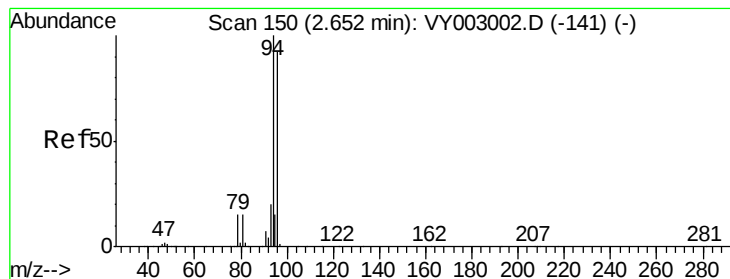
64 33.4 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 50.914 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

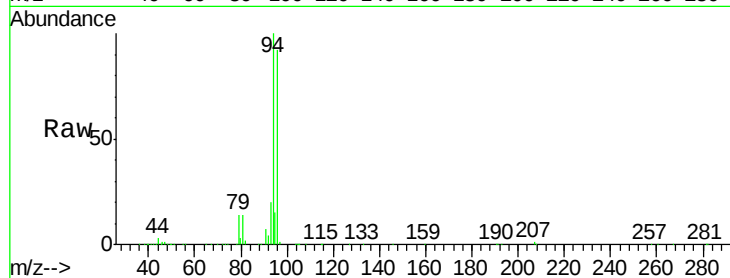
VSTDCCC050

Tot Ion: 94 Resp: 194867

Ion Ratio Lower Upper

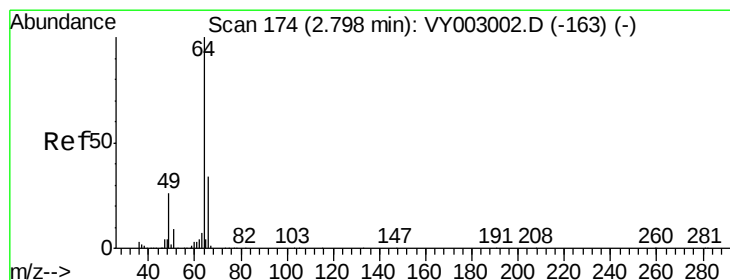
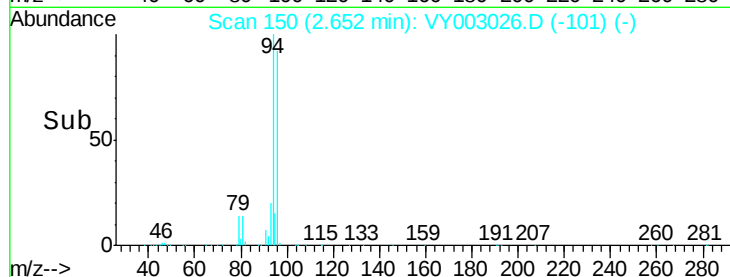
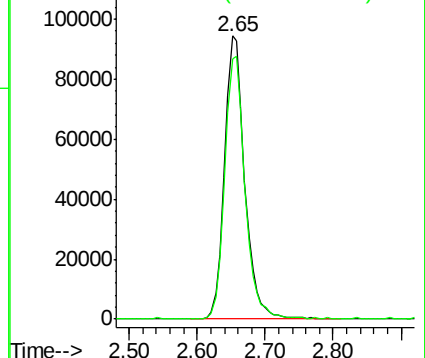
94 100

96 92.0 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: 50.401 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003026.D

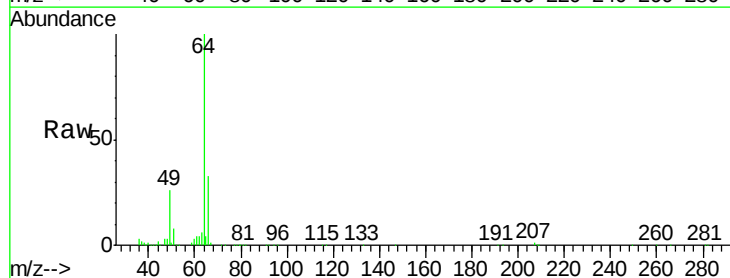
Acq: 30 Jun 2020 10:43

Tgt Ion: 64 Resp: 180738

Ion Ratio Lower Upper

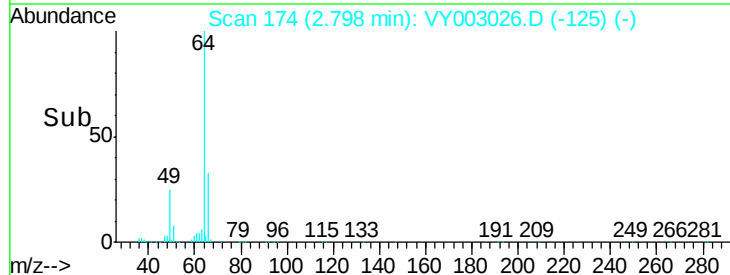
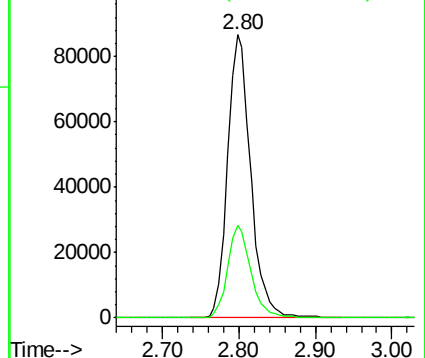
64 100

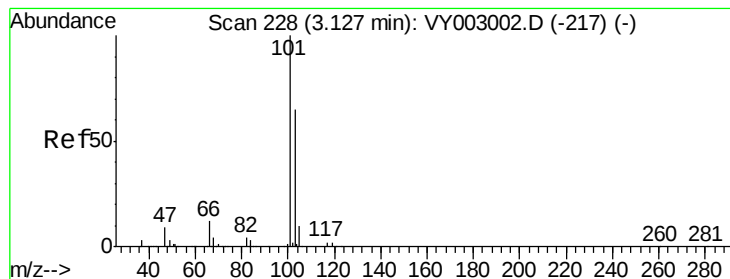
66 32.9 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



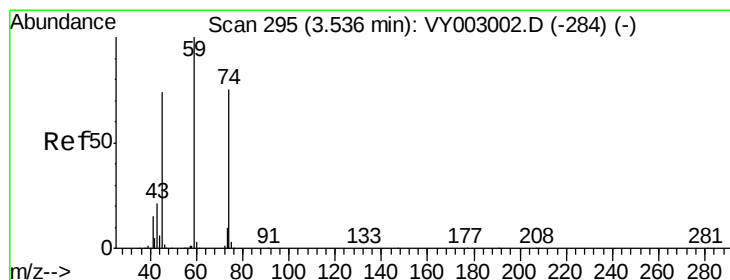
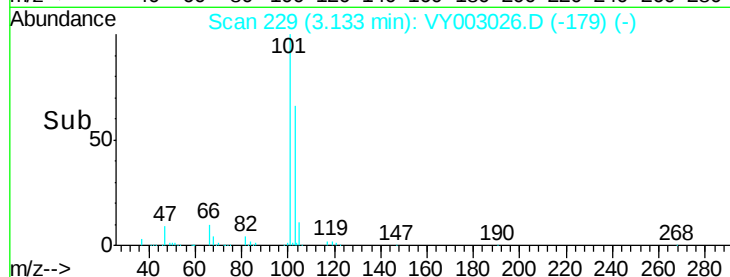
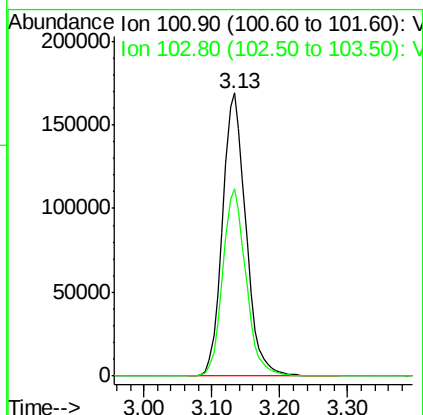
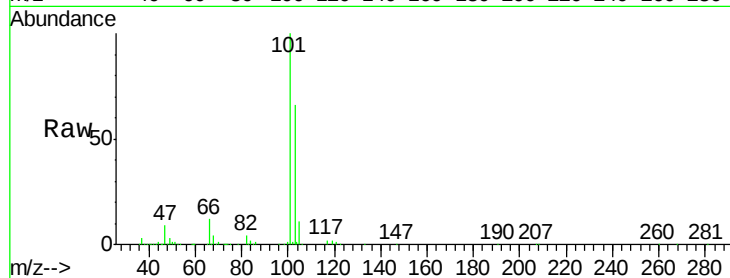


#7

Trichlorofluoromethane
Concen: 50.703 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

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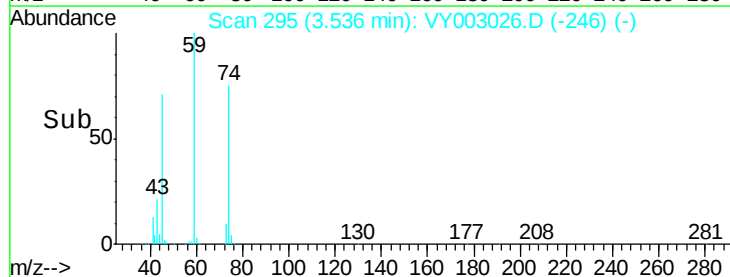
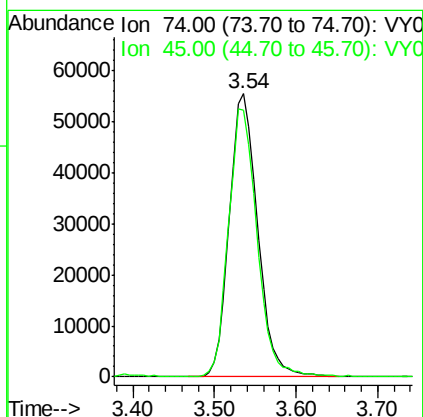
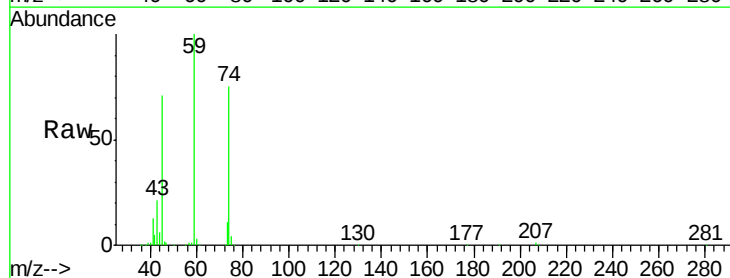
Tot Ion:101 Resp: 403412
Ion Ratio Lower Upper
101 100
103 66.1 51.6 77.4

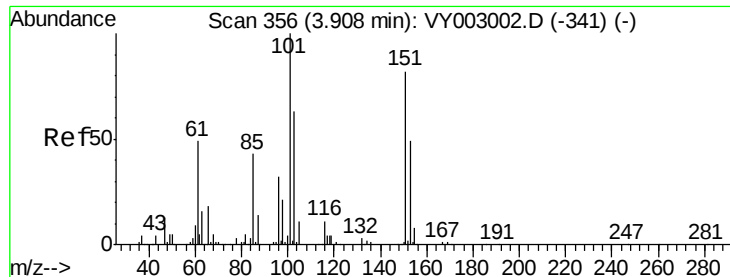


#8

Diethyl Ether
Concen: 48.932 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion: 74 Resp: 133464
Ion Ratio Lower Upper
74 100
45 95.0 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.688 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

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VSTDCCC050

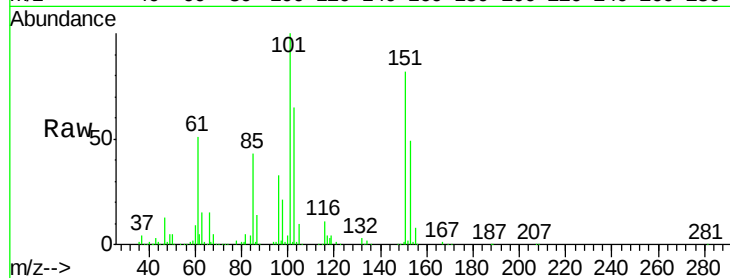
Tot Ion:101 Resp: 250302

Ion Ratio Lower Upper

101 100

85 43.9 35.5 53.3

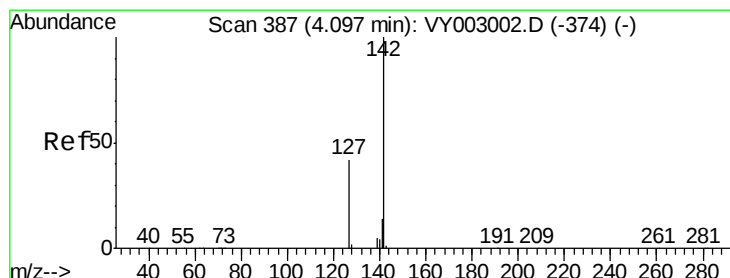
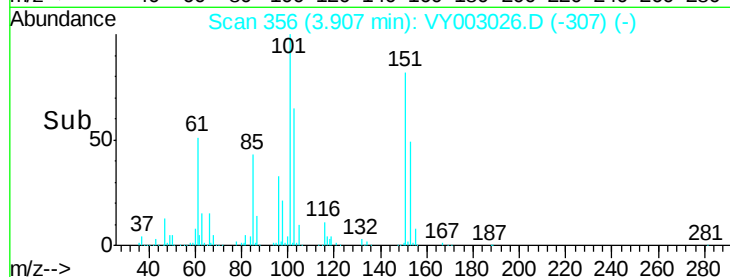
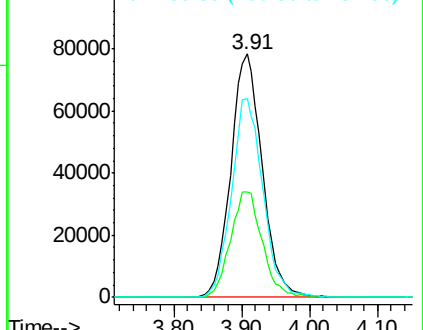
151 81.9 65.5 98.3



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: 53.732 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

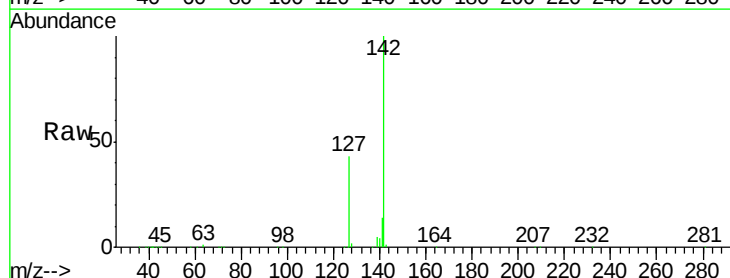
Tgt Ion:142 Resp: 316525

Ion Ratio Lower Upper

142 100

127 41.9 34.2 51.2

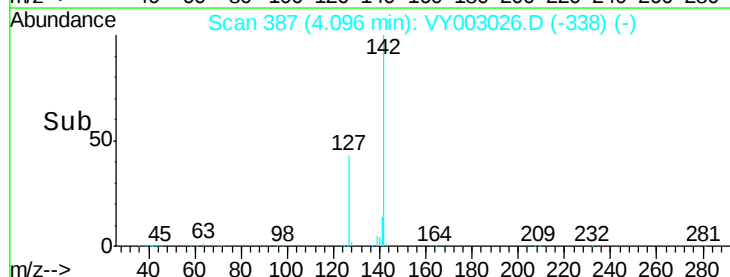
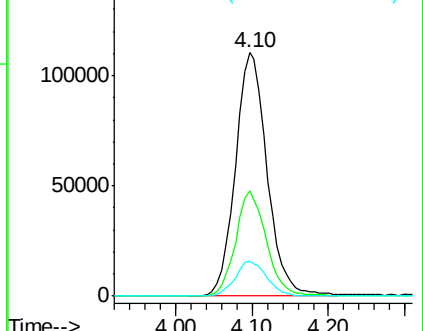
141 14.3 11.7 17.5

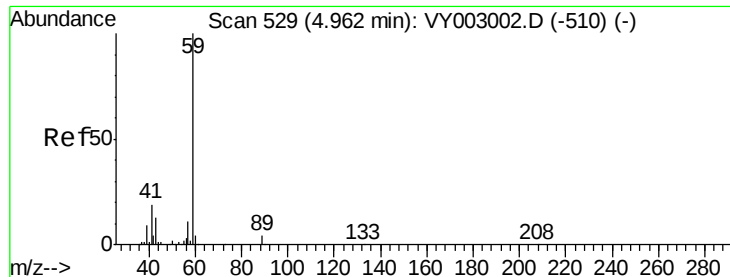


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



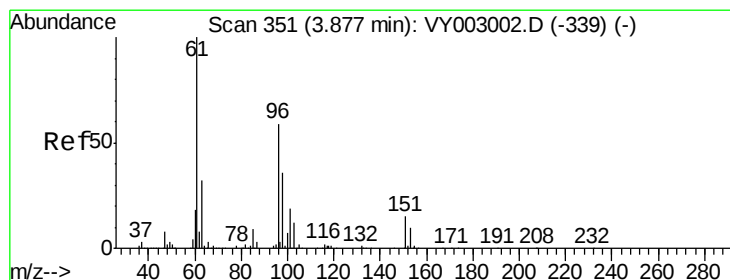
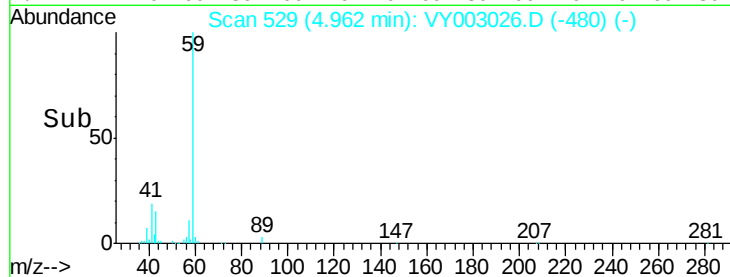
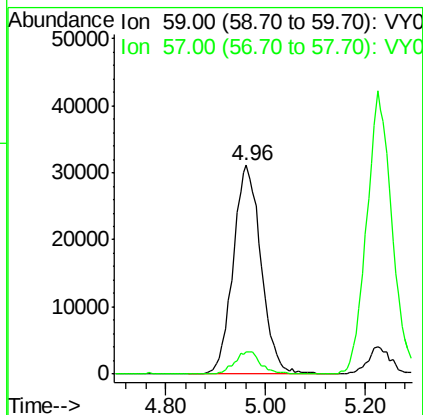
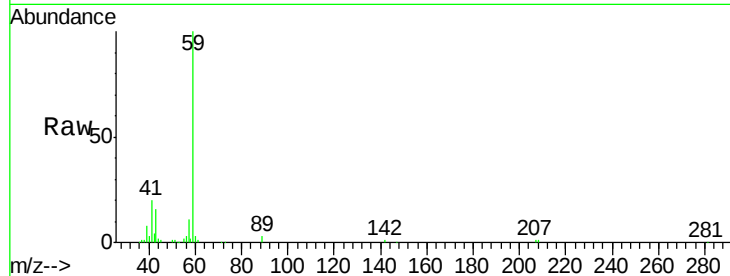


#11

Tert butyl alcohol
 Concen: 228.901 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

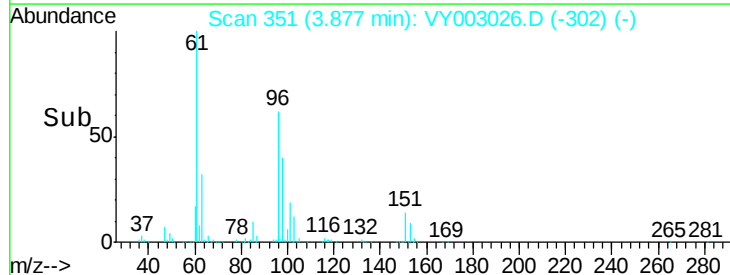
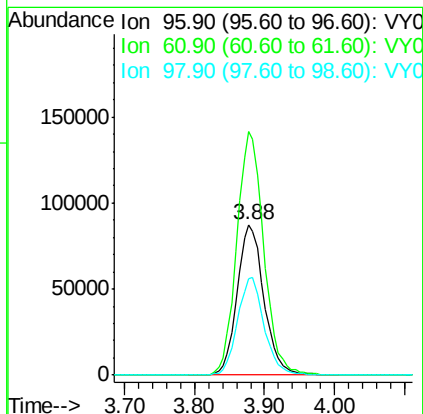
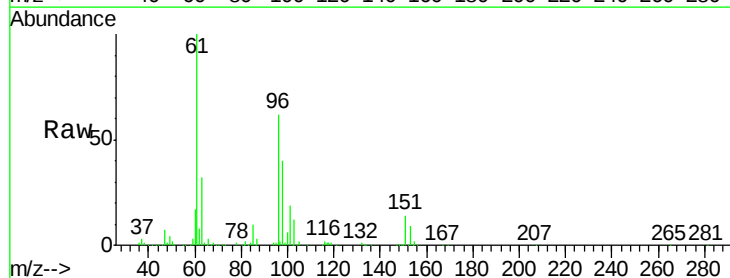
Tot Ion: 59 Resp: 120732
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.0 12.0

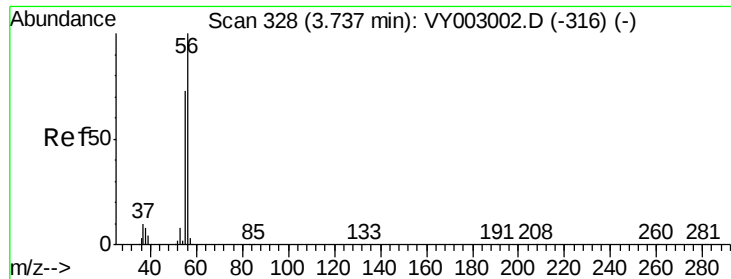


#12

1,1-Dichloroethene
 Concen: 51.497 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion: 96 Resp: 232770
 Ion Ratio Lower Upper
 96 100
 61 162.1 136.7 205.1
 98 64.2 49.7 74.5

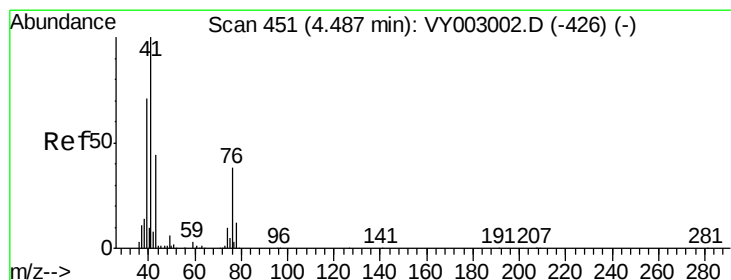
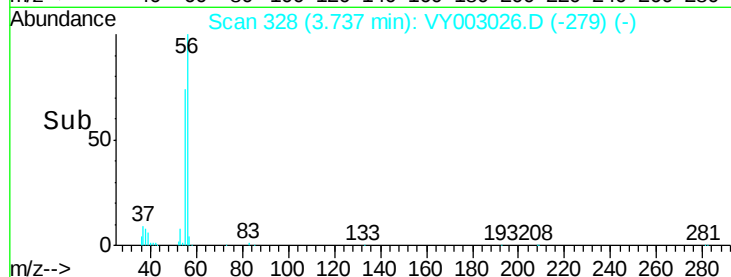
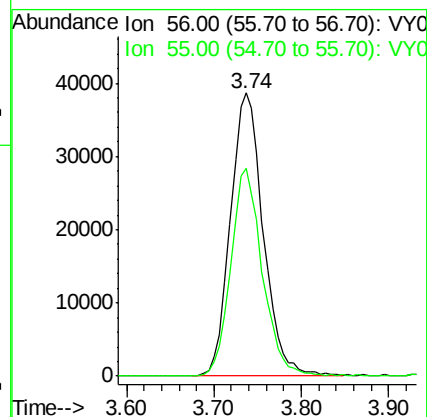
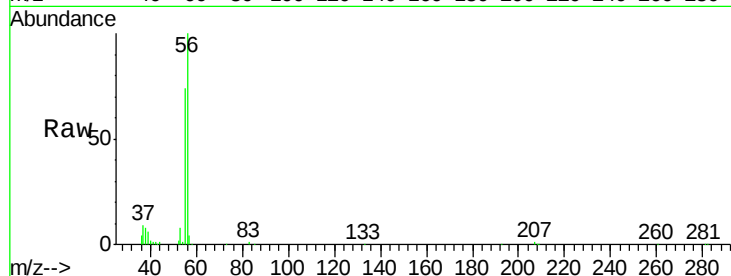




#13
 Acrolein
 Concen: 212.928 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

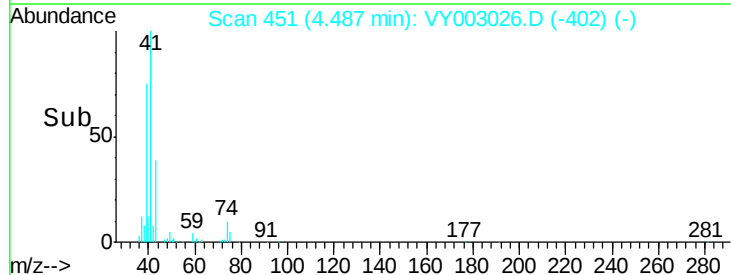
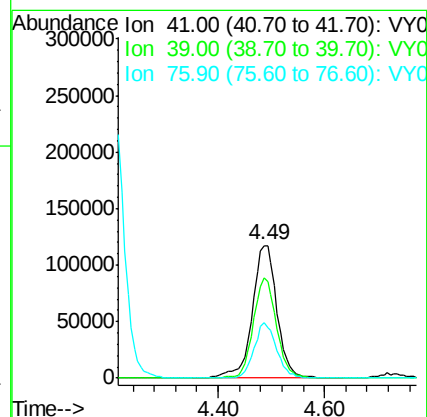
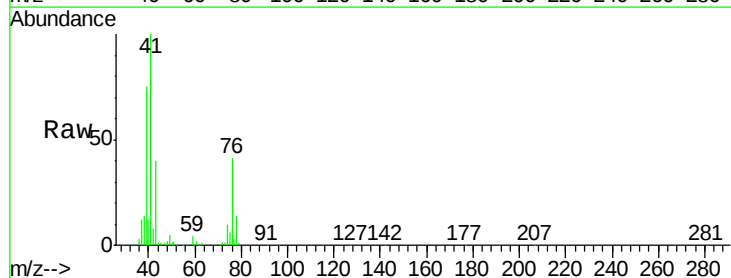
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

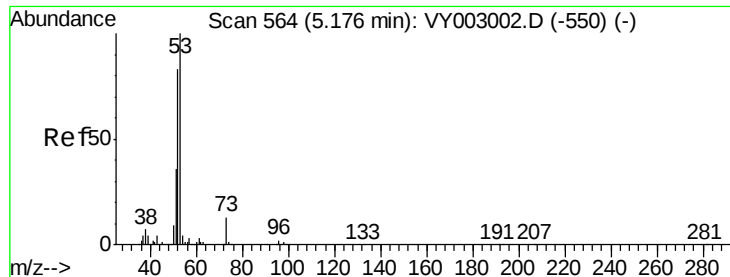
Tot Ion: 56 Resp: 100868
 Ion Ratio Lower Upper
 56 100
 55 70.6 56.4 84.6



#14
 Allyl chloride
 Concen: 47.553 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion: 41 Resp: 375279
 Ion Ratio Lower Upper
 41 100
 39 70.6 55.6 83.4
 76 37.8 28.6 43.0





#15

Acrylonitrile

Concen: 235.199 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

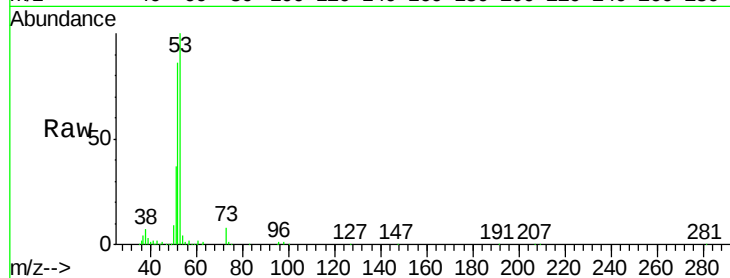
Tot Ion: 53 Resp: 330627

Ion Ratio Lower Upper

53 100

52 84.0 66.2 99.2

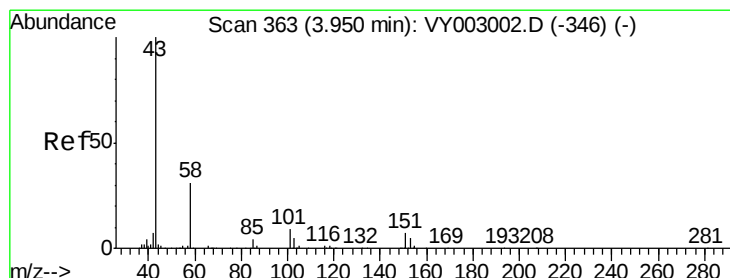
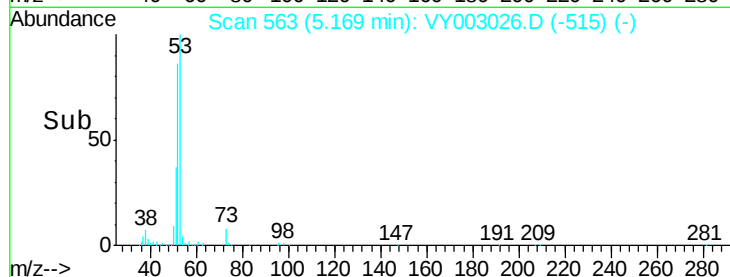
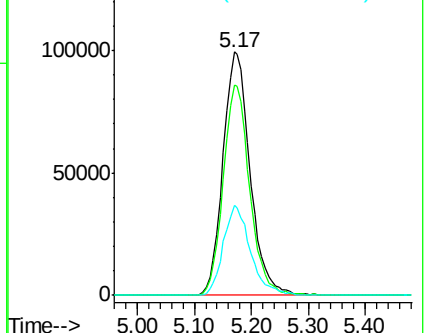
51 37.0 29.5 44.3



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: 256.012 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003026.D

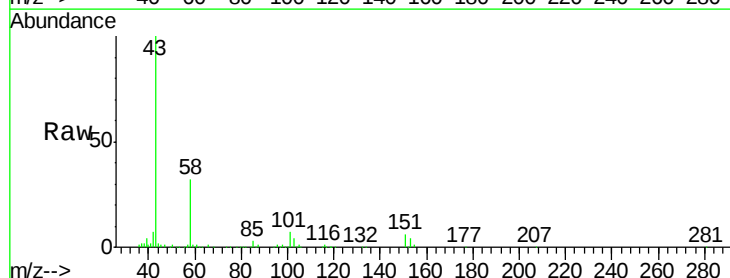
Acq: 30 Jun 2020 10:43

Tgt Ion: 43 Resp: 312495

Ion Ratio Lower Upper

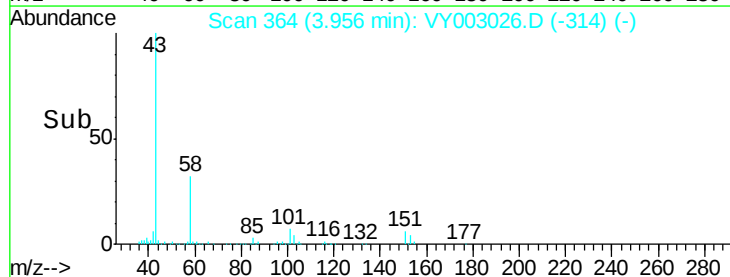
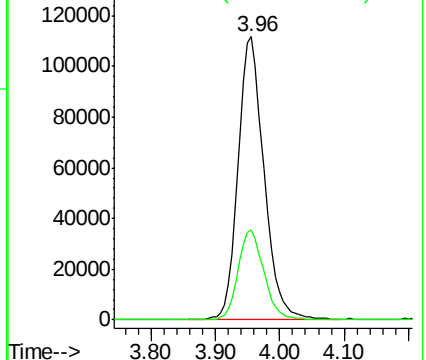
43 100

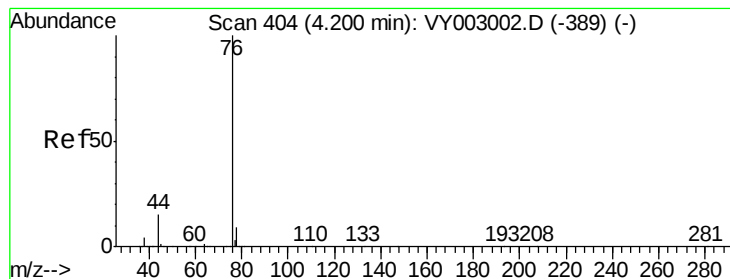
58 32.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 50.462 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

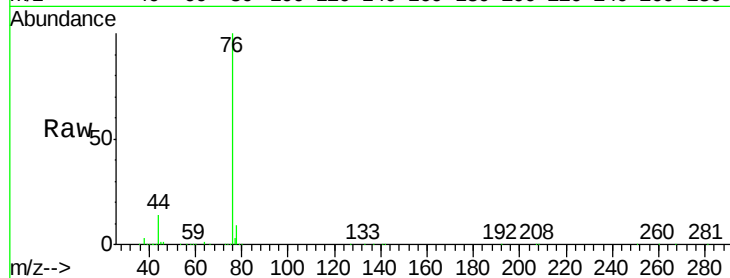
VSTDCCC050

Tot Ion: 76 Resp: 728766

Ion Ratio Lower Upper

76 100

78 9.3 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

250000

200000

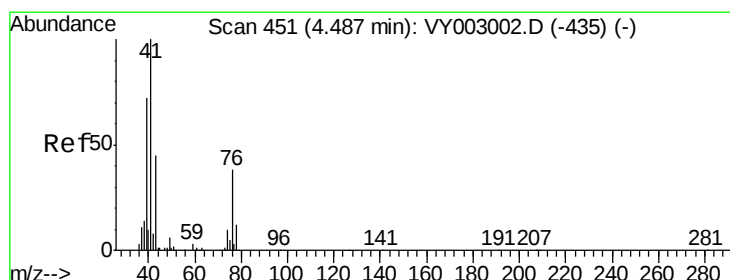
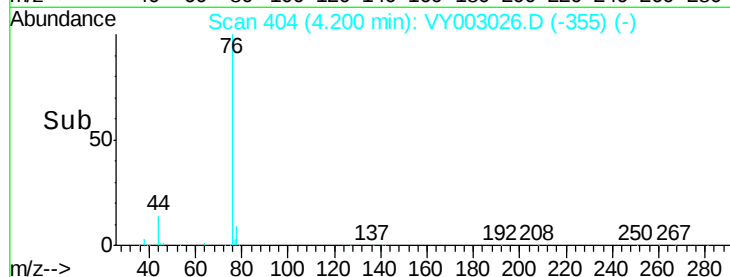
150000

100000

50000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 43.934 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003026.D

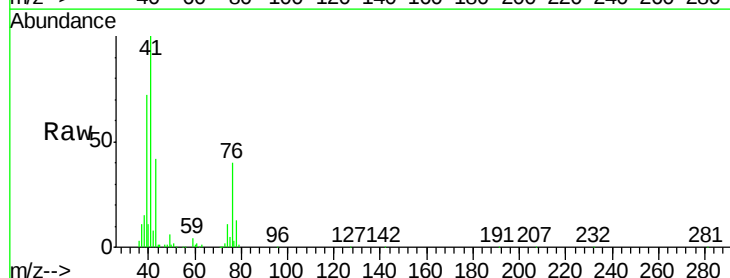
Acq: 30 Jun 2020 10:43

Tgt Ion: 43 Resp: 144481

Ion Ratio Lower Upper

43 100

74 25.3 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.48

50000

40000

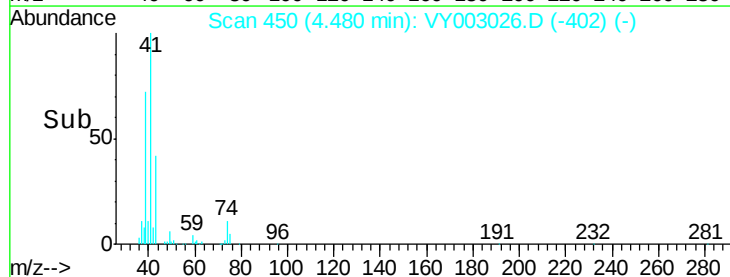
30000

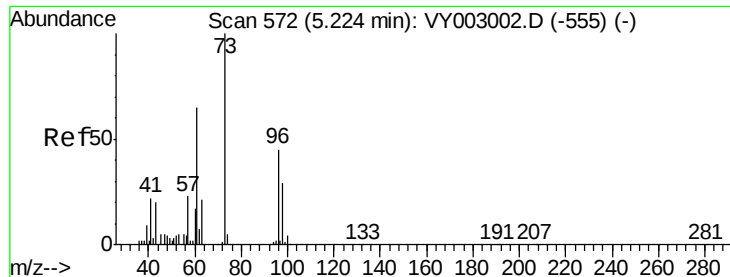
20000

10000

0

Time--> 4.40 4.50 4.60 4.70

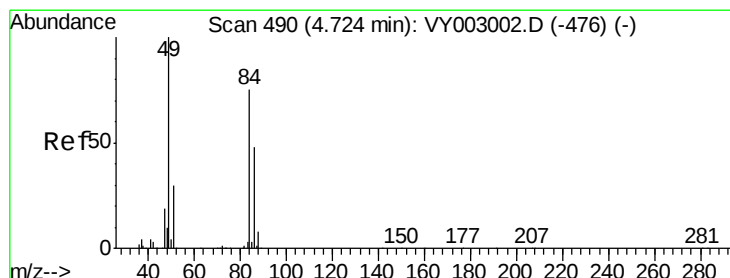
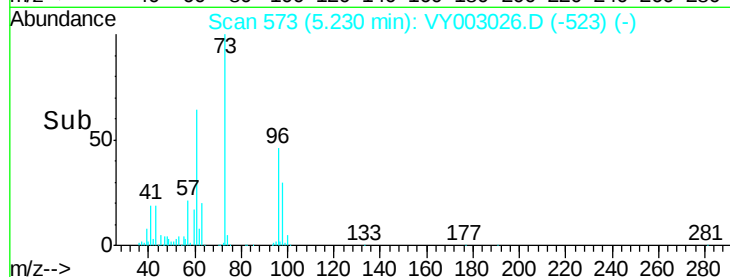
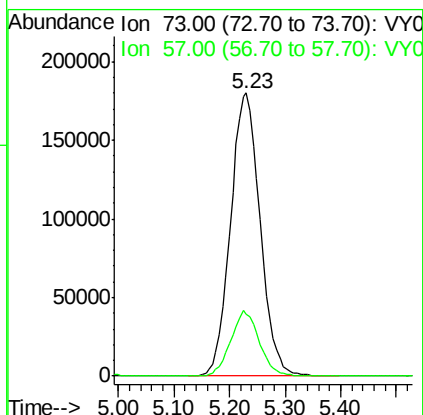
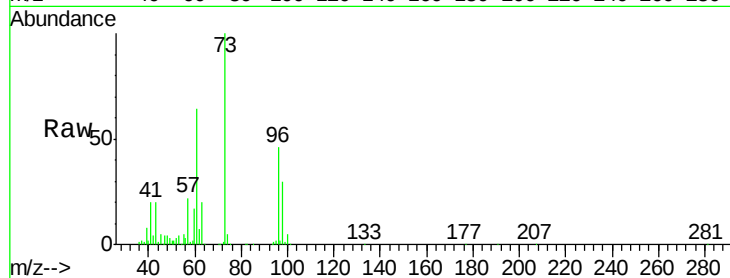




#19
Methvl tert-butvl Ether
Concen: 50.187 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

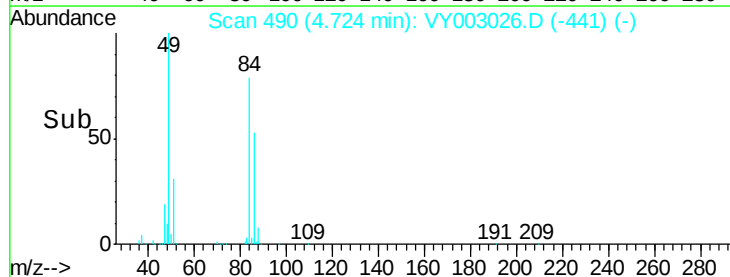
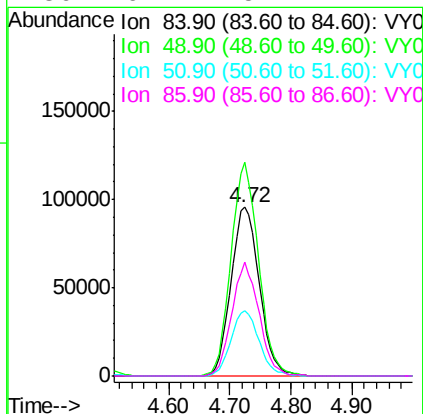
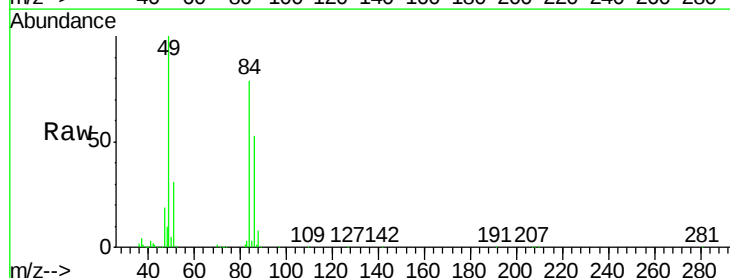
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

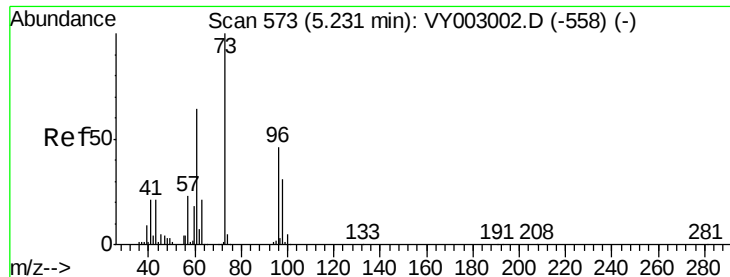
Tot Ion: 73 Resp: 661250
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.2



#20
Methylene Chloride
Concen: 57.125 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion: 84 Resp: 305743
Ion Ratio Lower Upper
84 100
49 126.5 106.8 160.2
51 39.0 32.0 48.0
86 67.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 51.678 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

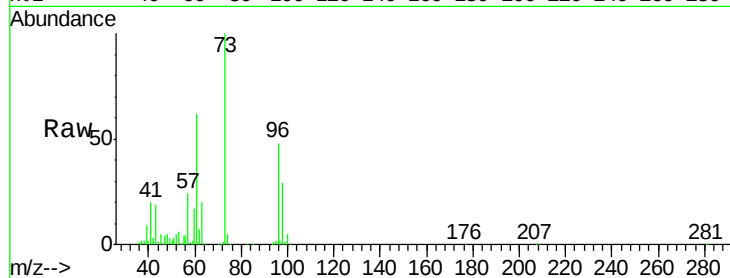
Tot Ion: 96 Resp: 264222

Ion Ratio Lower Upper

96 100

61 129.6 112.3 168.5

98 60.0 53.8 80.8

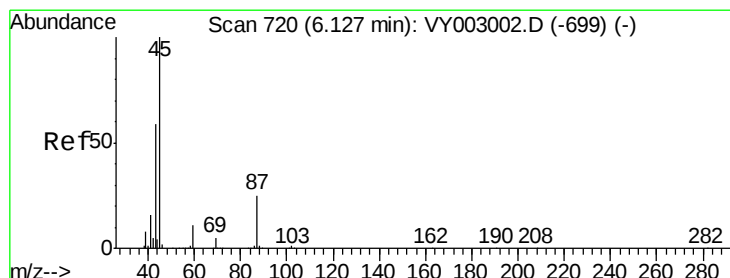
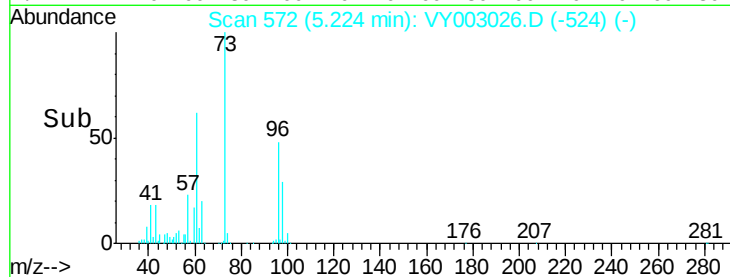
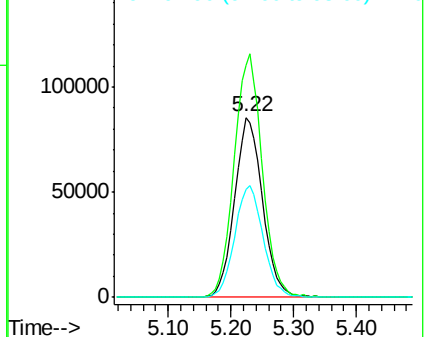


Abundance

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: 48.019 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Tgt Ion: 45 Resp: 812236

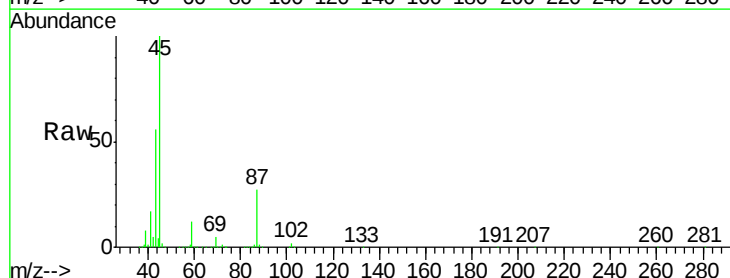
Ion Ratio Lower Upper

45 100

43 55.9 47.4 71.2

87 27.2 20.2 30.2

59 12.1 9.2 13.8



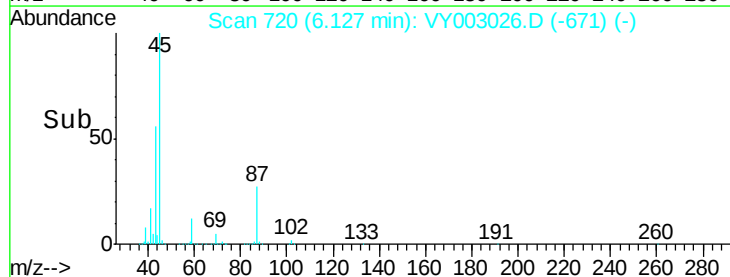
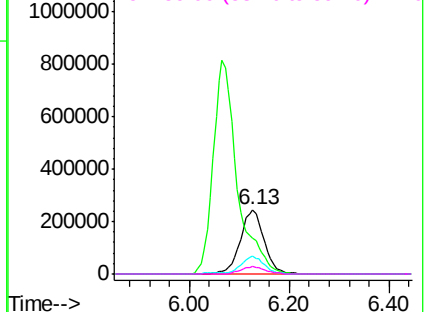
Abundance

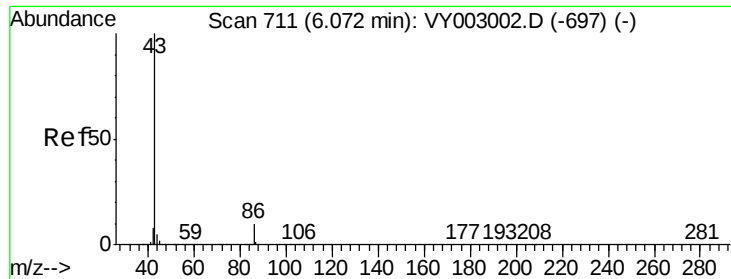
Ion 45.00 (44.70 to 45.70): VY0

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: 240.206 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

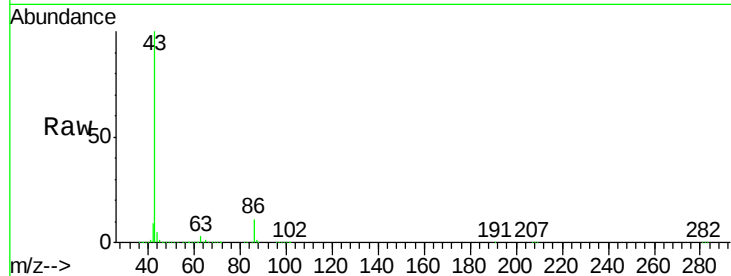
VSTDCCC050

Tot Ion: 43 Resp: 2716407

Ion Ratio Lower Upper

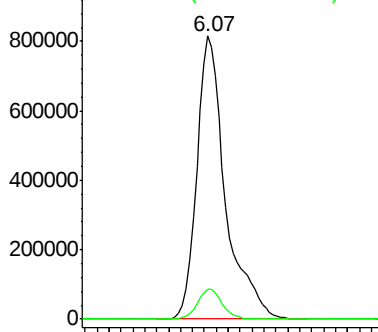
43 100

86 10.5 8.1 12.1

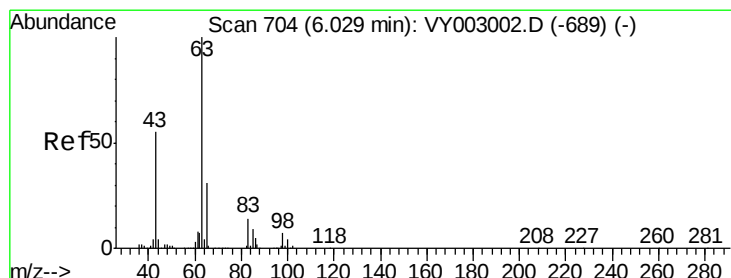
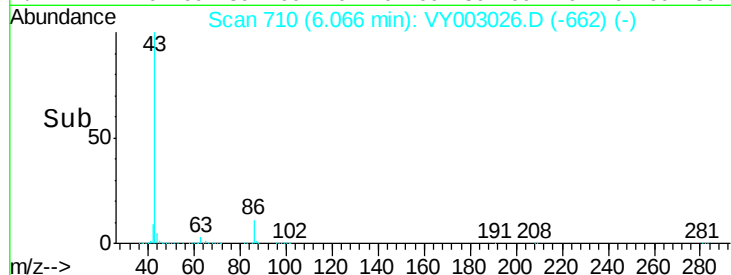


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 49.952 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

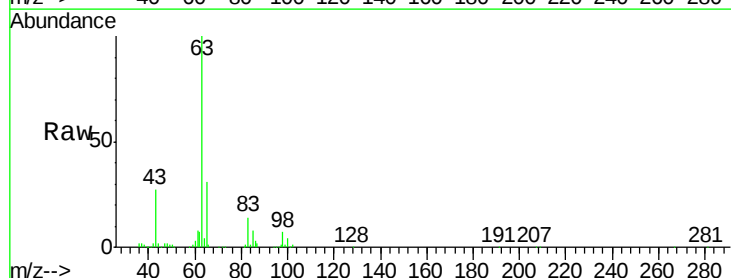
Tgt Ion: 63 Resp: 461549

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

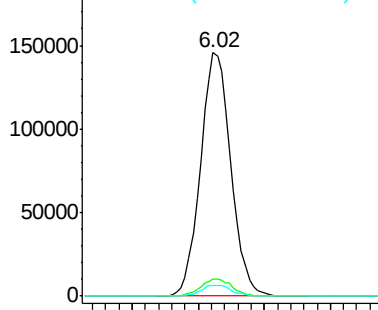
100 4.3 2.3 6.8



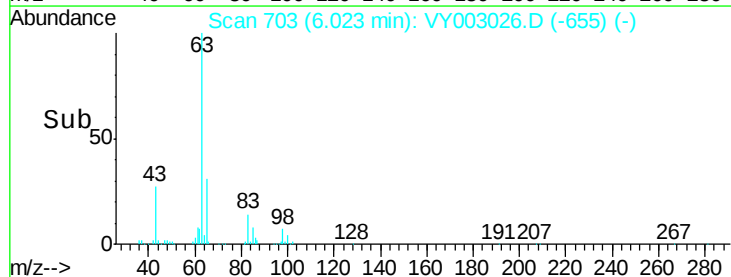
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 236.997 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

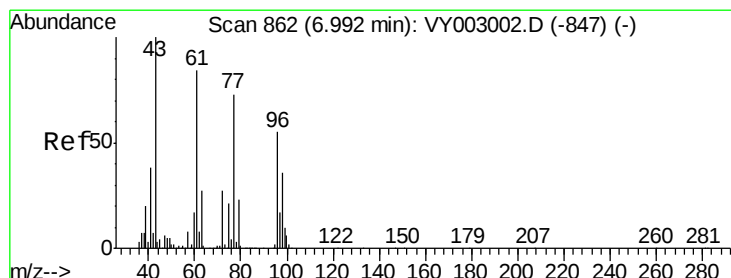
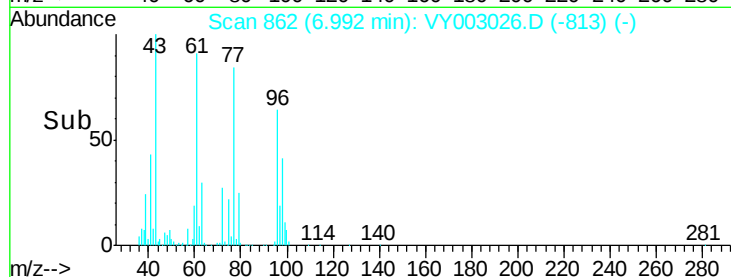
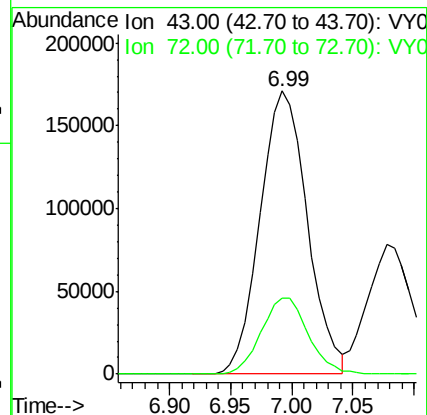
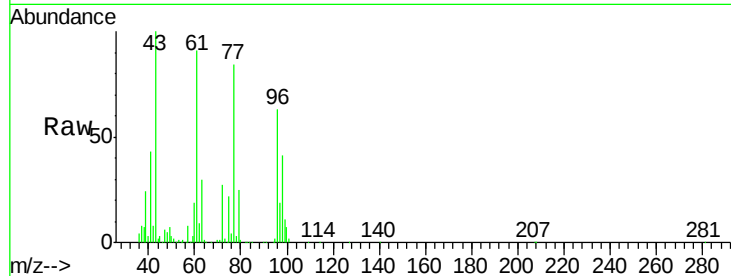
VSTDCCC050

Tot Ion: 43 Resp: 459531

Ion Ratio Lower Upper

43 100

72 26.8 21.4 32.0



#26

2,2-Dichloropropane

Concen: 51.461 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003026.D

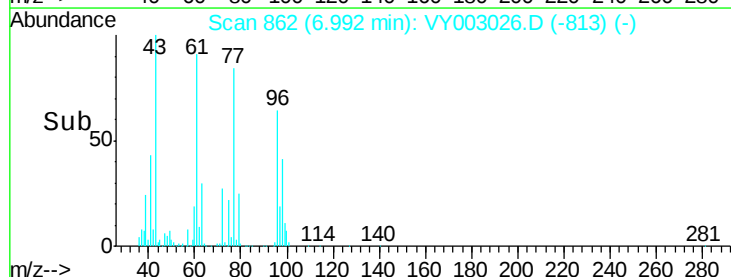
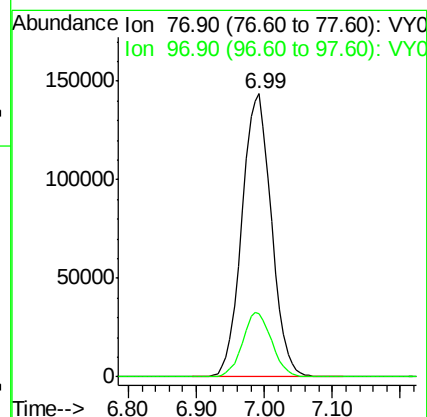
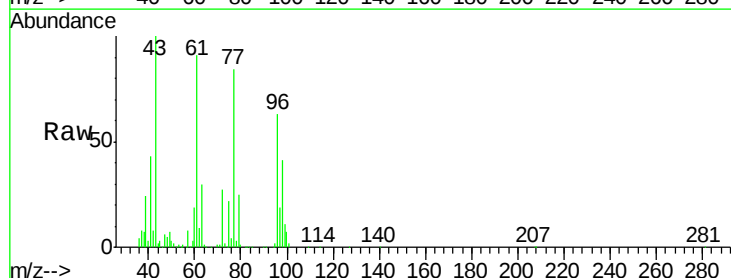
Acq: 30 Jun 2020 10:43

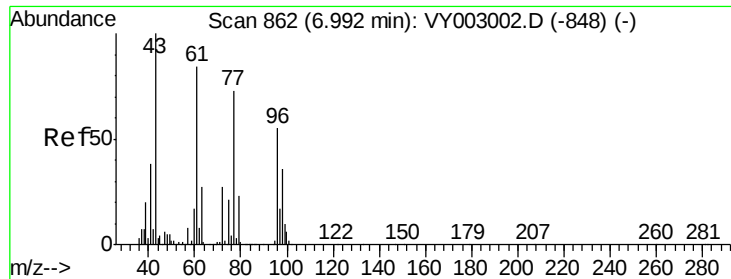
Tgt Ion: 77 Resp: 432010

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.9



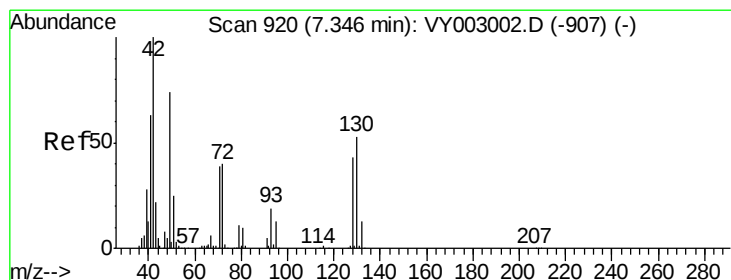
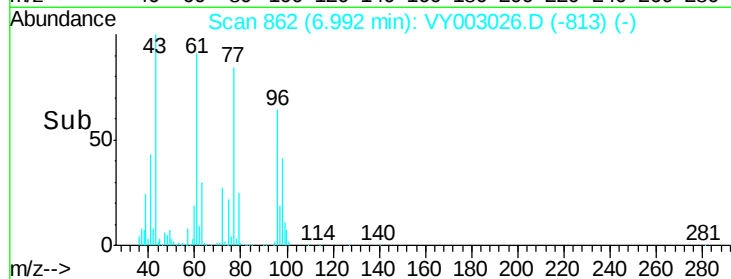
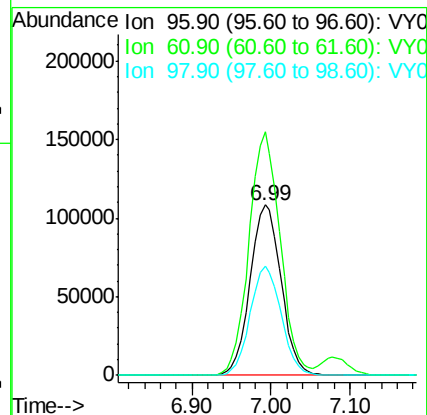
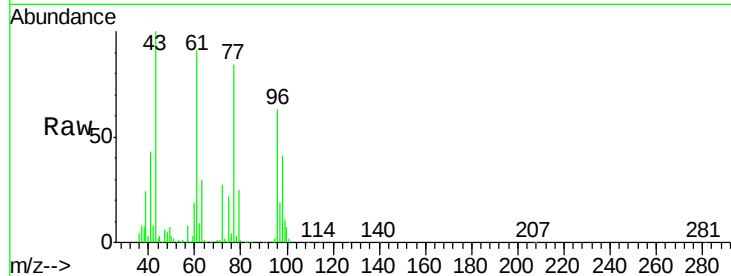


#27

cis-1,2-Dichloroethene
Concen: 51.630 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

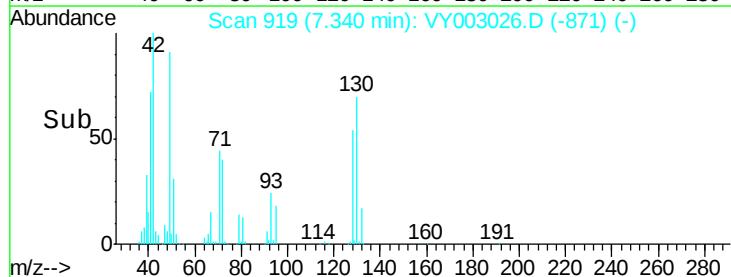
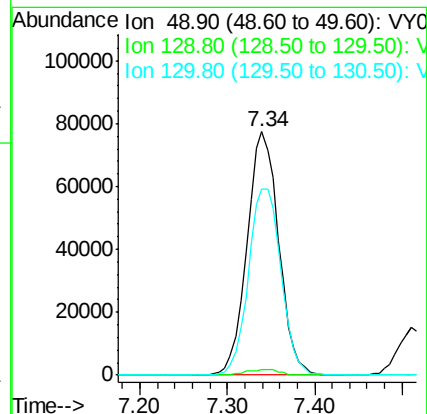
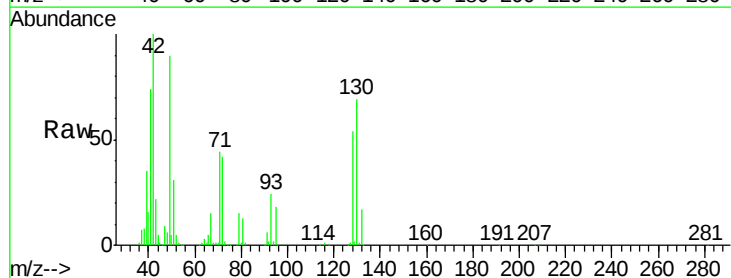
Tot Ion	96	Resp	296084
Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	301.2
98	64.3	0.0	129.0

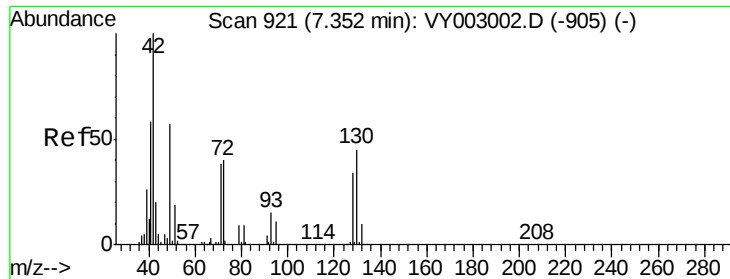


#28

Bromochloromethane
Concen: 47.168 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion	49	Resp	193917
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	79.3	57.0	85.6





#29

Tetrahydrofuran

Concen: 228.877 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

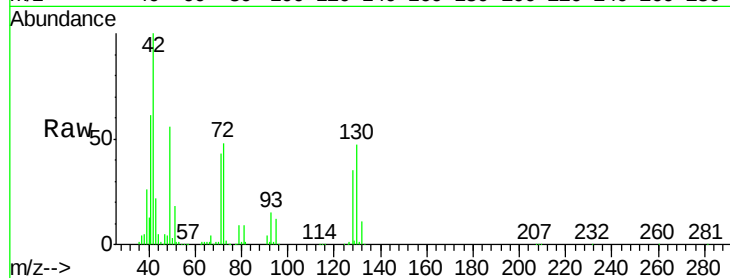
Tot Ion: 42 Resp: 295120

Ion Ratio Lower Upper

42 100

72 44.3 32.9 49.3

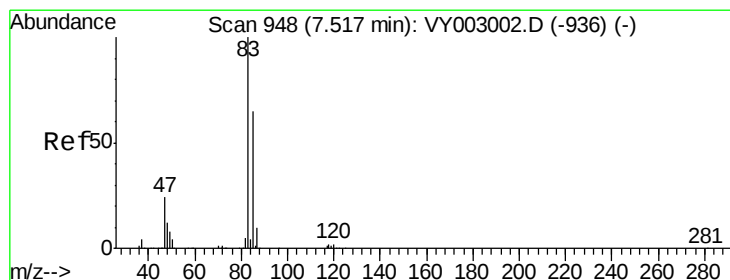
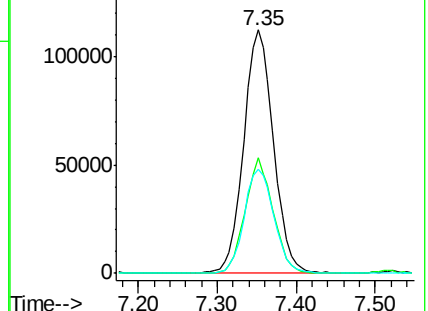
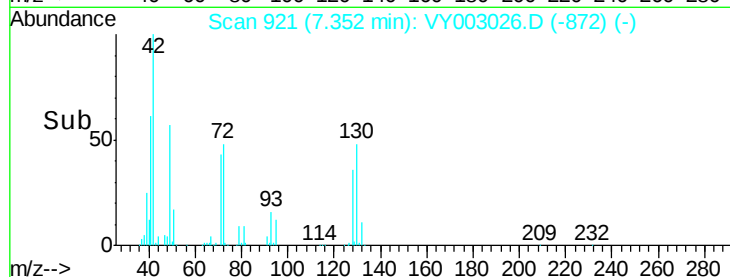
71 42.8 31.2 46.8



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: 50.769 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003026.D

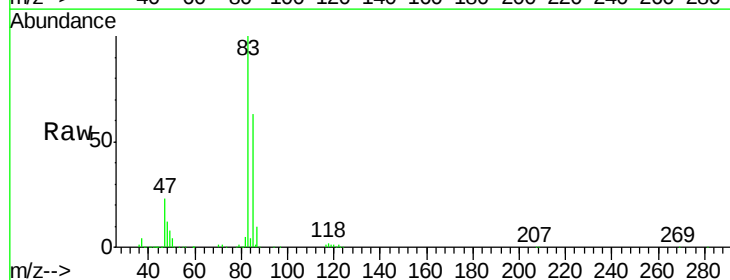
Acq: 30 Jun 2020 10:43

Tgt Ion: 83 Resp: 464730

Ion Ratio Lower Upper

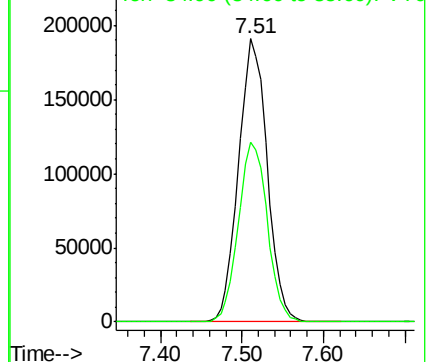
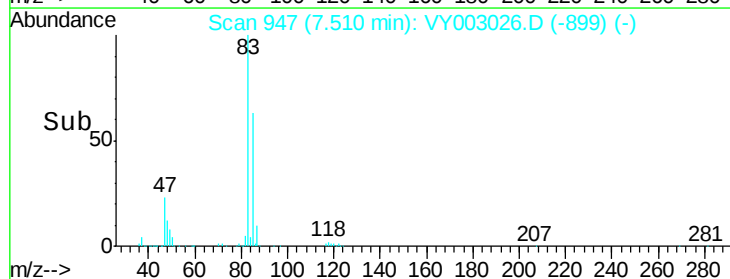
83 100

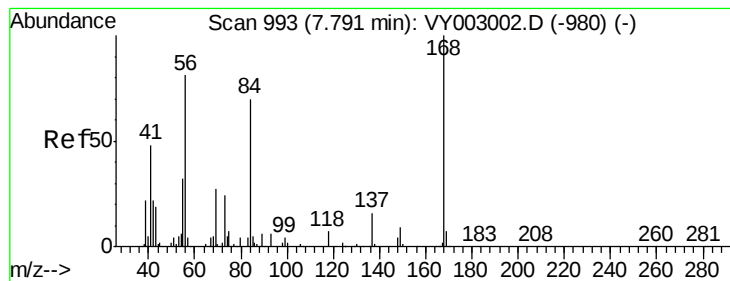
85 63.4 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 47.249 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

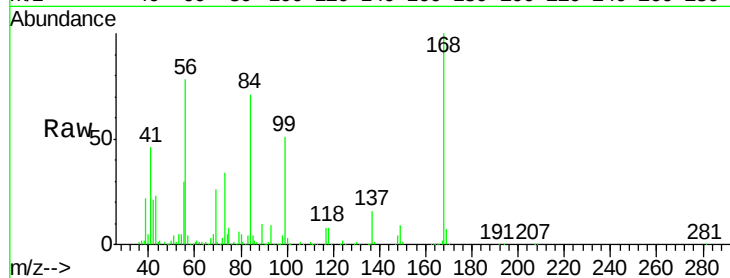
Tot Ion: 56 Resp: 430088

Ion Ratio Lower Upper

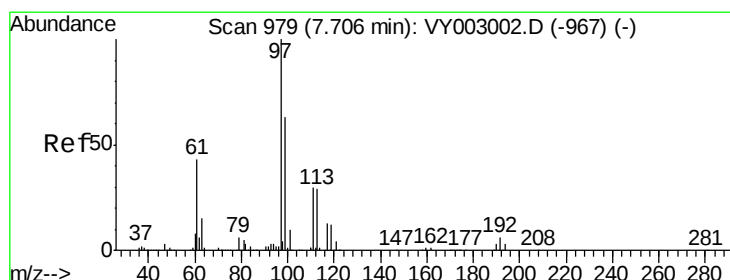
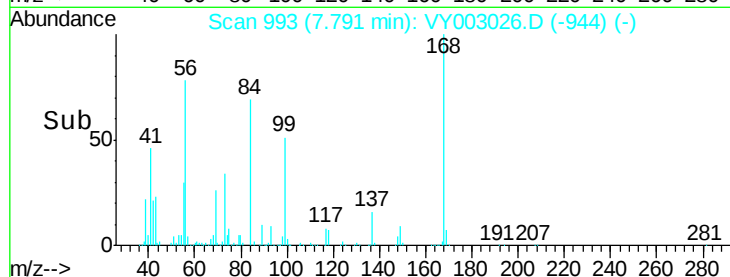
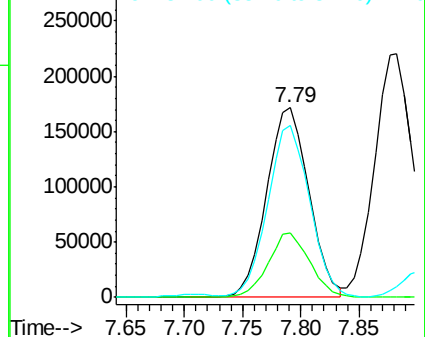
56 100

69 33.8 27.0 40.4

84 88.9 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: 51.147 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

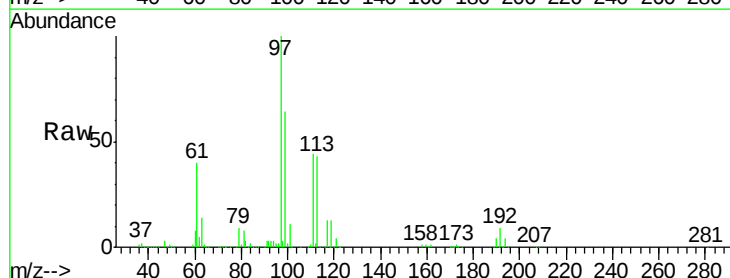
Tgt Ion: 97 Resp: 427356

Ion Ratio Lower Upper

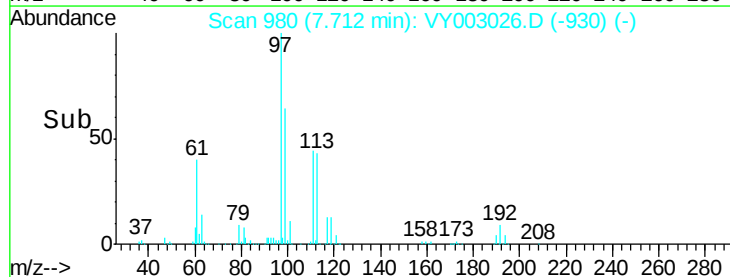
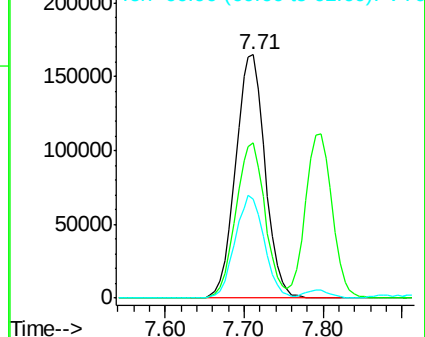
97 100

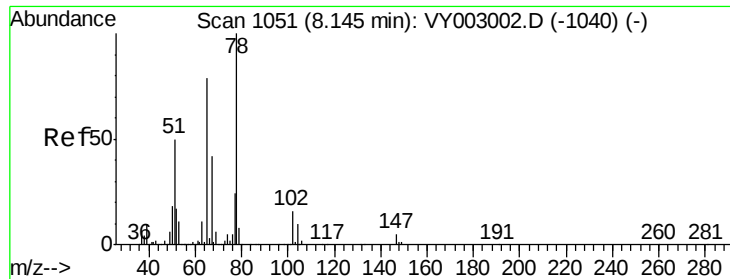
99 63.7 51.4 77.2

61 41.9 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

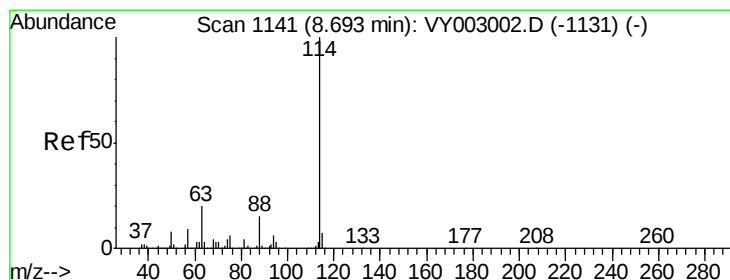
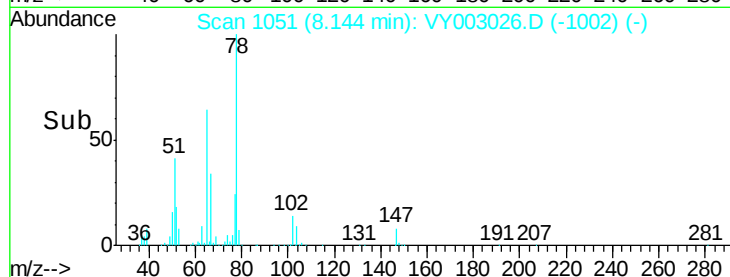
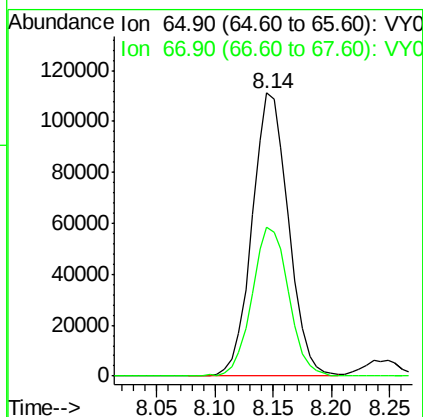
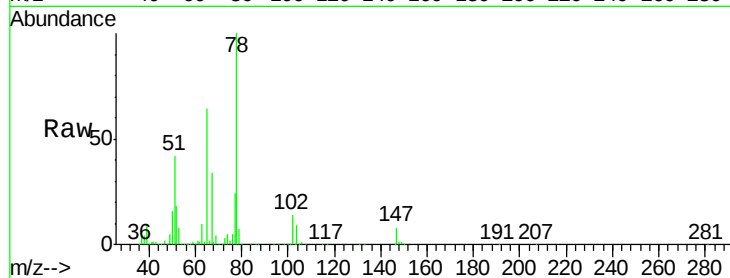




#33
 1,2-Dichloroethane-d4
 Concen: 46.701 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

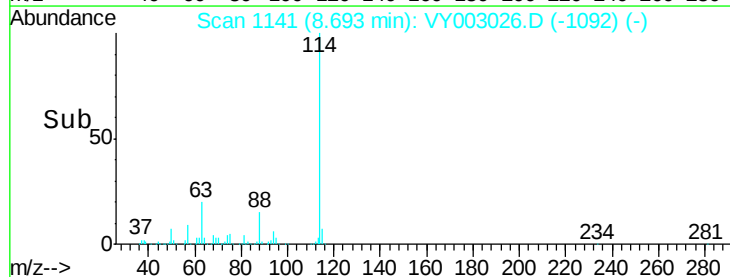
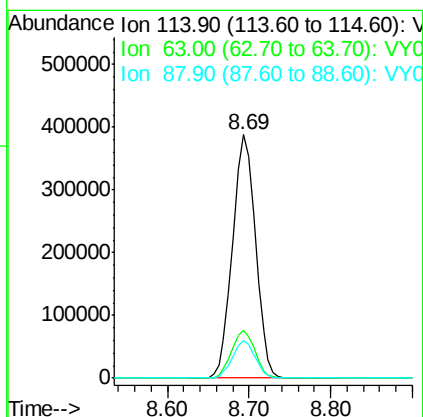
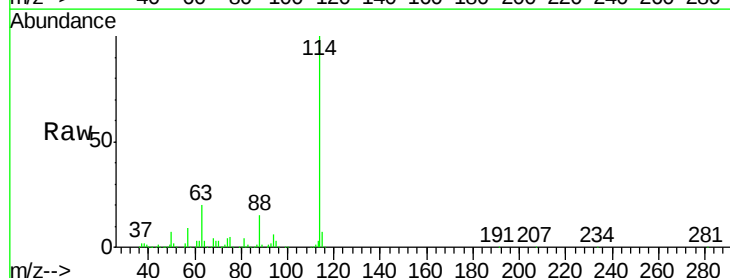
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

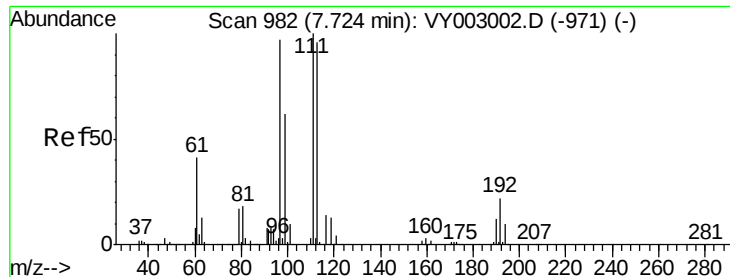
Tot Ion: 65 Resp: 241699
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion: 114 Resp: 750302
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.6
 88 15.5 0.0 30.0

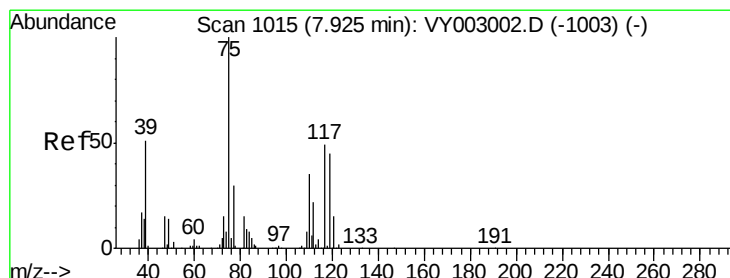
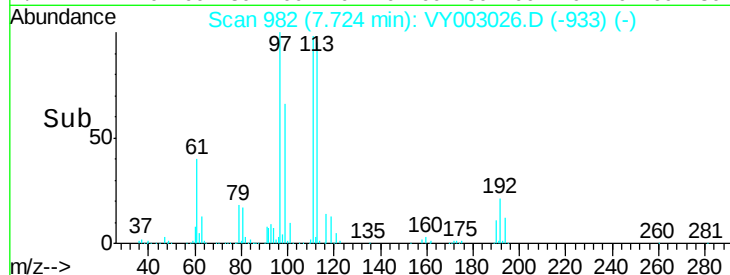
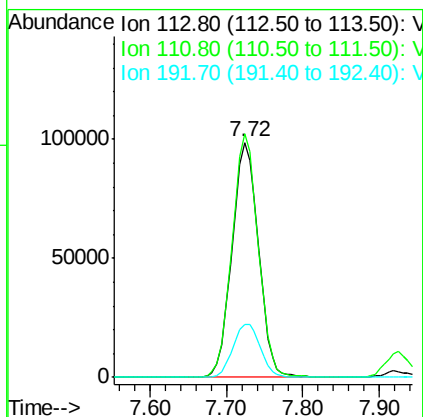
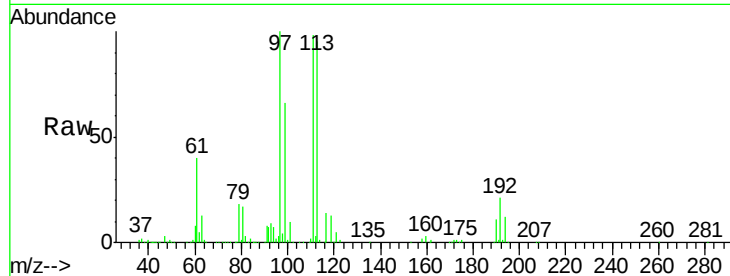




#35
 Dibromofluoromethane
 Concen: 50.481 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

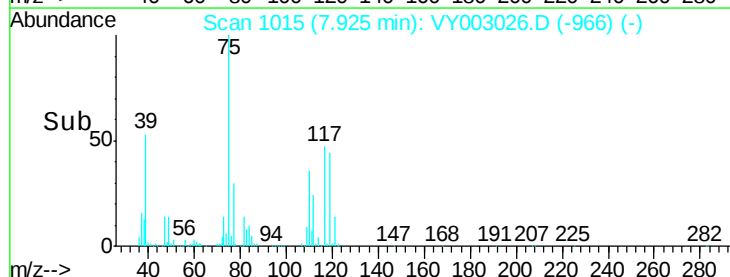
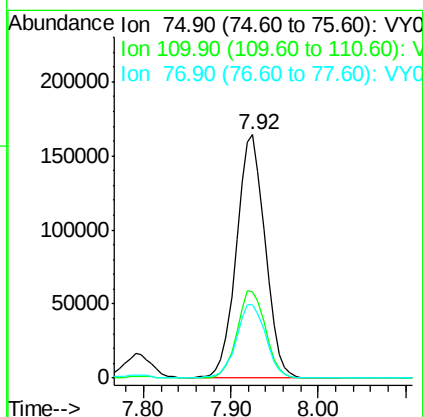
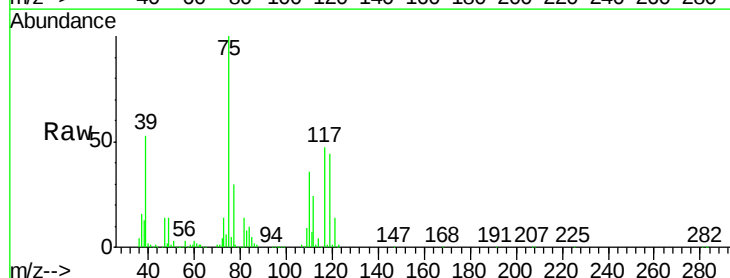
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

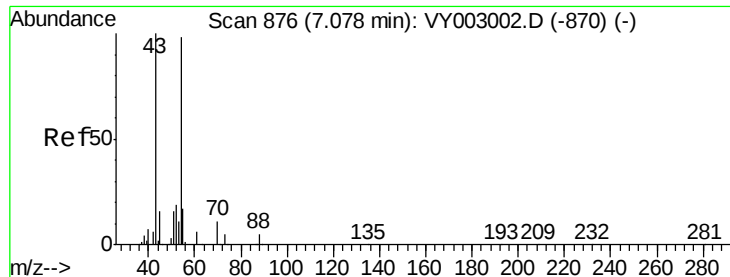
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	23.3	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 51.955 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.1	51.2
77	30.9	24.9	37.3

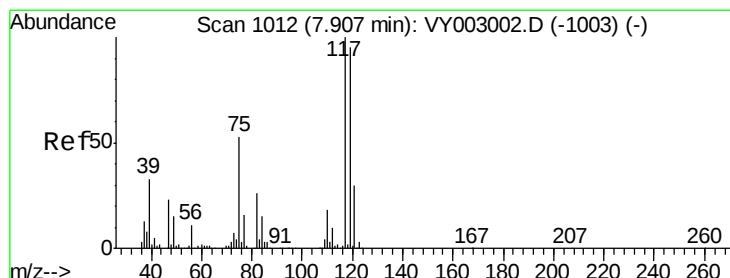
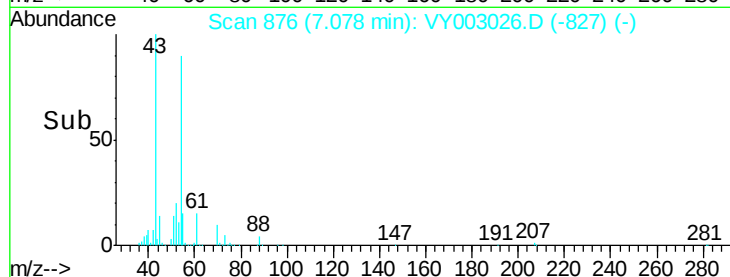
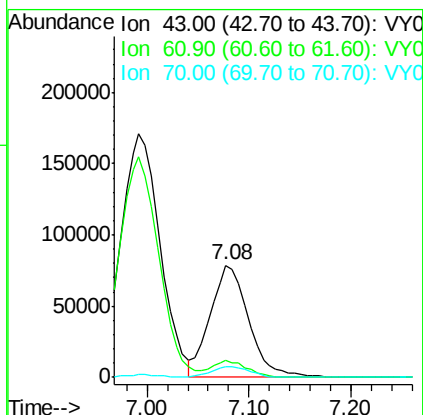
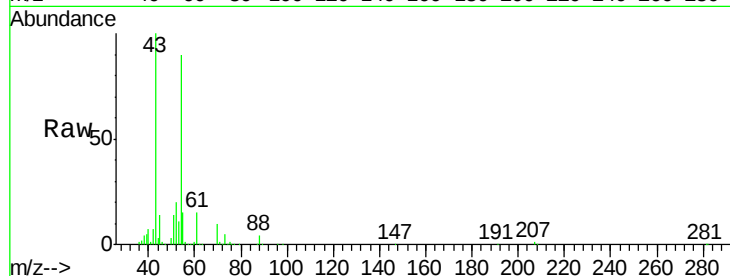




#37
Ethyl Acetate
Concen: 47.289 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

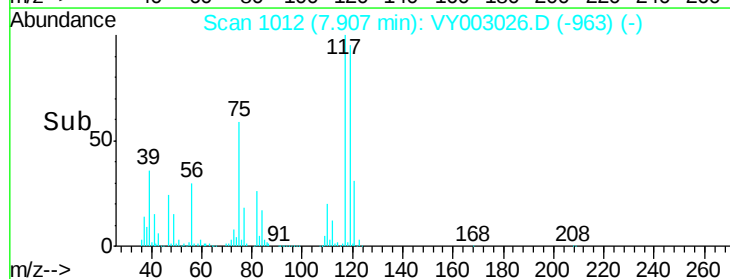
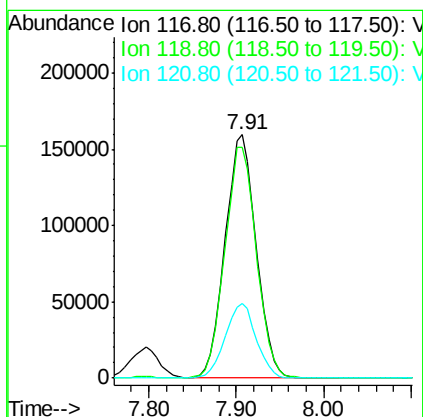
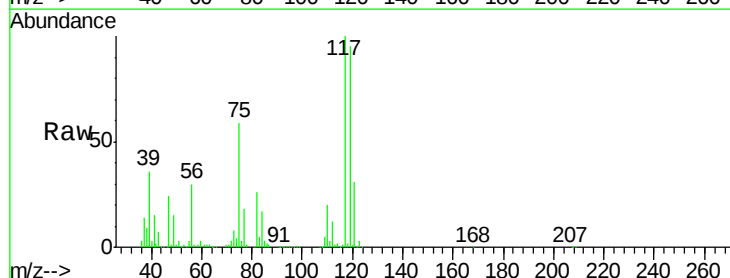
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

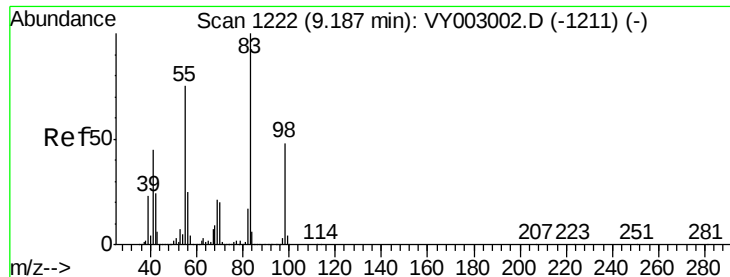
Tot Ion: 43 Resp: 205489
Ion Ratio Lower Upper
43 100
61 13.7 10.4 15.6
70 9.9 7.7 11.5



#38
Carbon Tetrachloride
Concen: 52.389 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion: 117 Resp: 393936
Ion Ratio Lower Upper
117 100
119 94.8 75.7 113.5
121 30.8 23.9 35.9

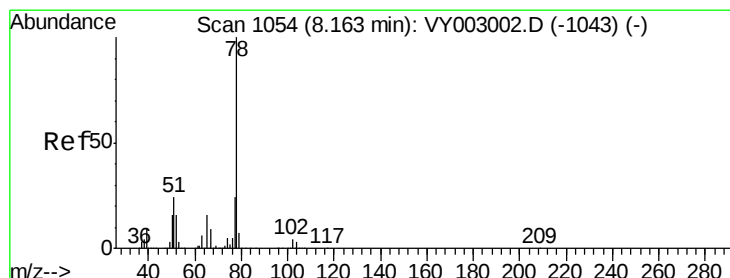
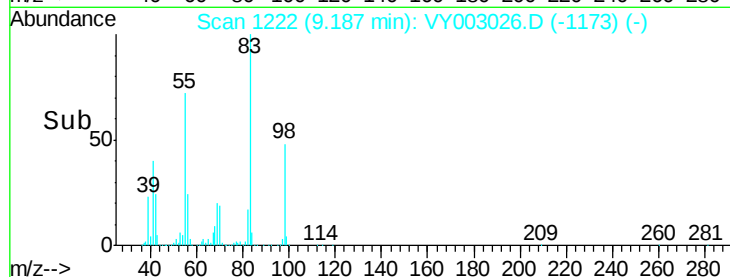
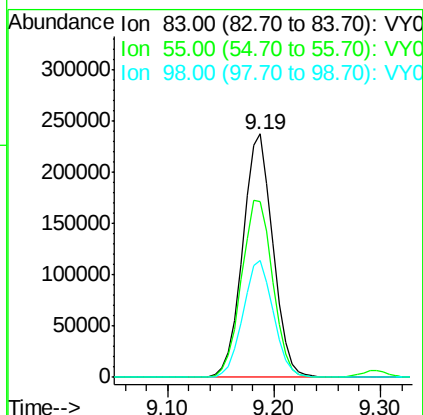
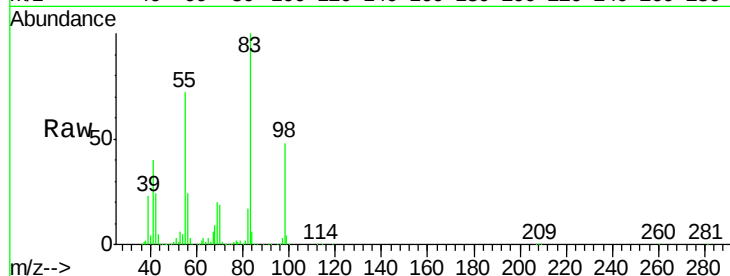




#39
Methvlcvclohexane
Concen: 52.729 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

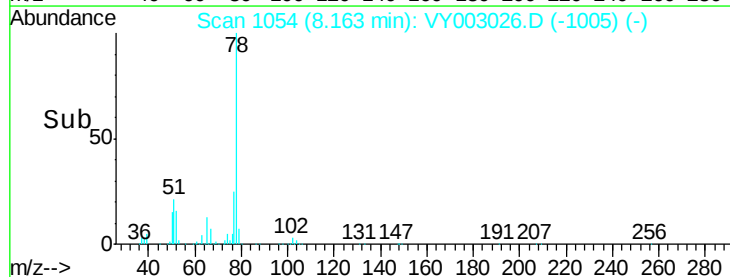
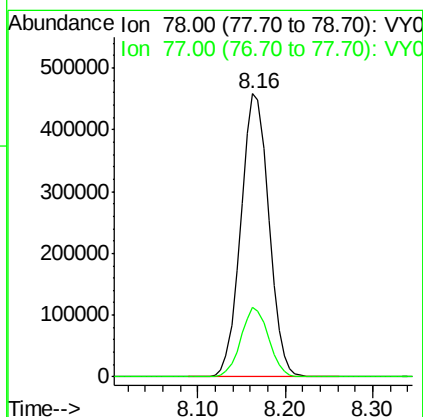
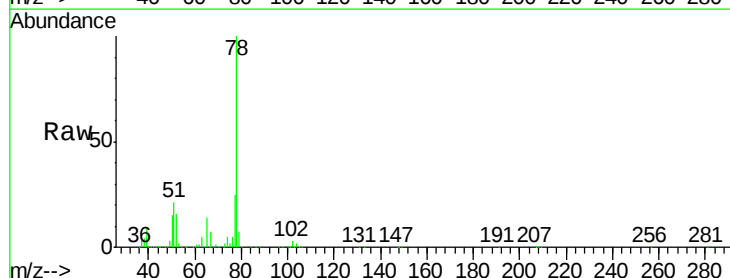
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

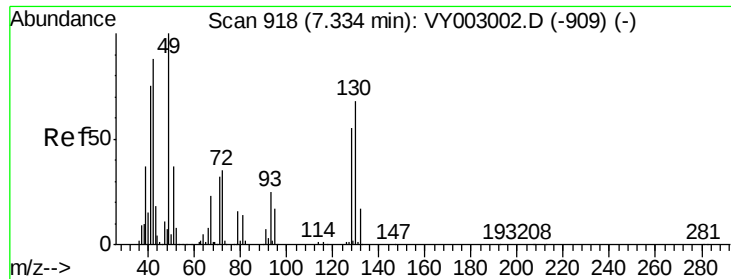
Tot Ion: 83 Resp: 472486
Ion Ratio Lower Upper
83 100
55 72.0 59.9 89.9
98 48.2 38.7 58.1



#40
Benzene
Concen: 51.637 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion: 78 Resp: 1021706
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8

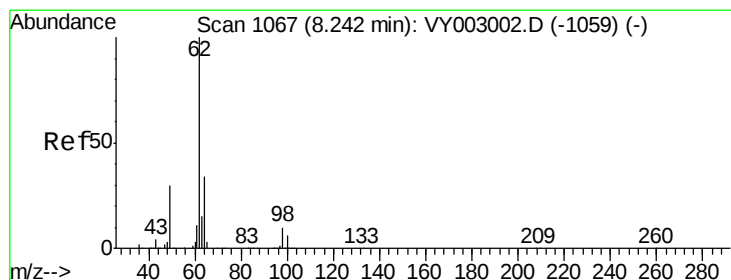
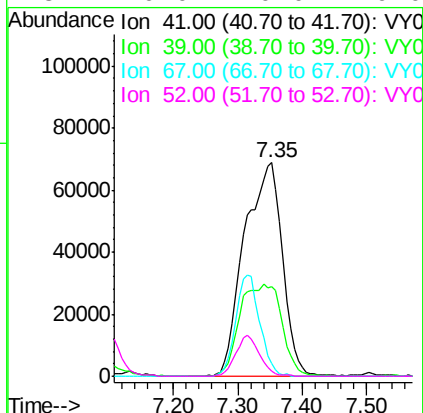
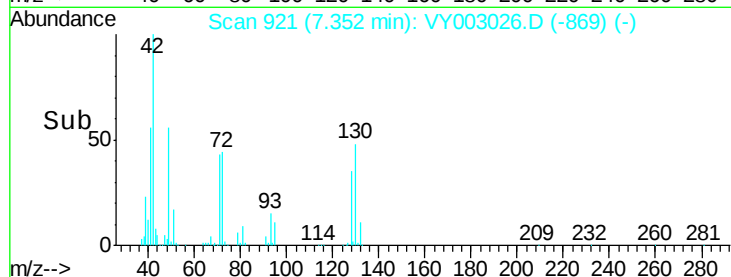
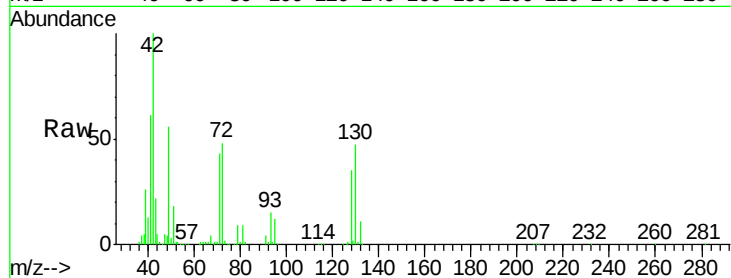




#41
Methacrylonitrile
Concen: 121.040 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

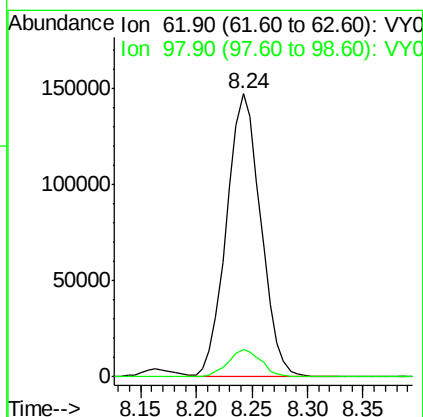
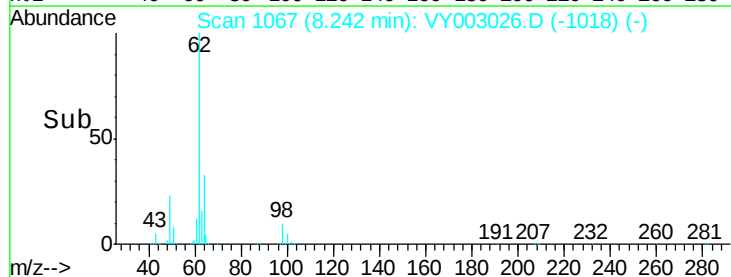
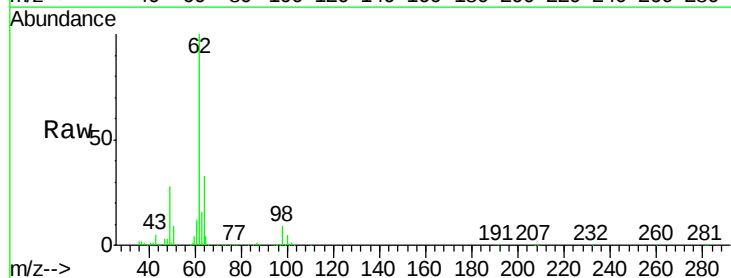
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

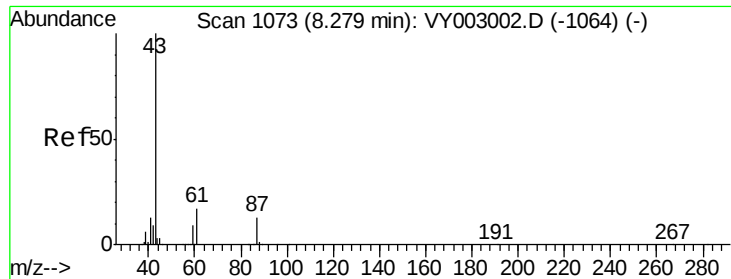
Tot Ion:	41	Resp:	280960
Ion	Ratio	Lower	Upper
41	100		
39	47.5	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.305 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion:	62	Resp:	314879
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2



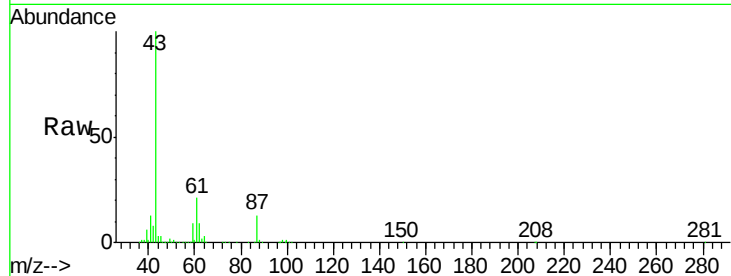


#43

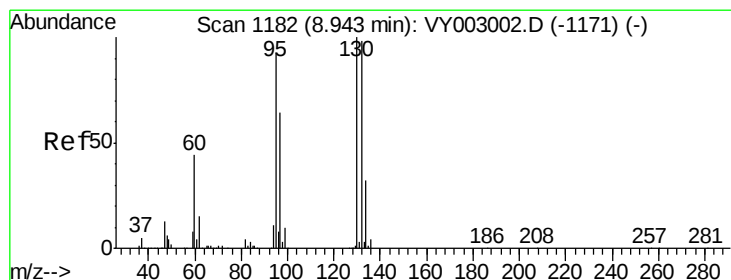
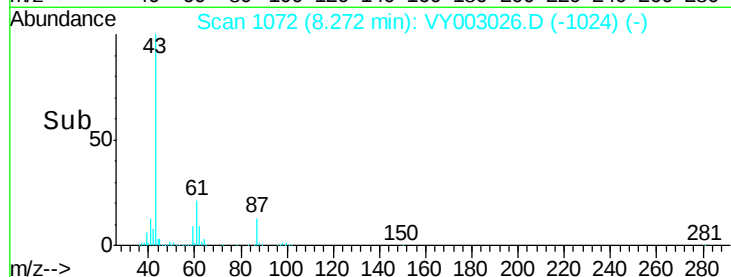
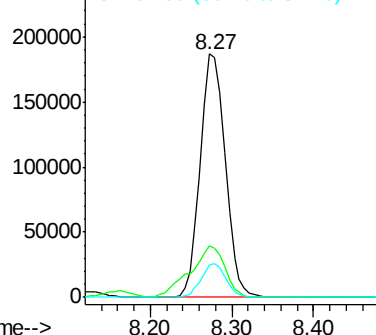
Isopropyl Acetate
 Concen: 47.889 ug/l
 RT: 8.27 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	395603
Ion Ratio	Lower	Upper	
43	100		
61	29.1	21.8	32.6
87	13.6	10.1	15.1



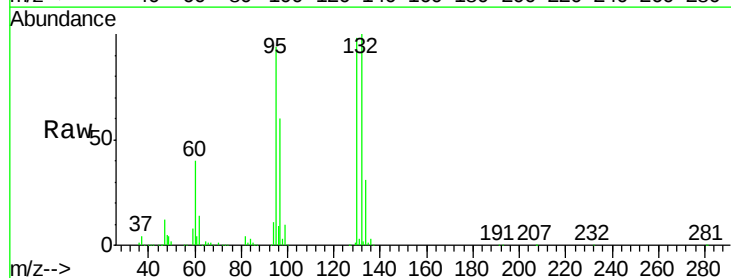
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



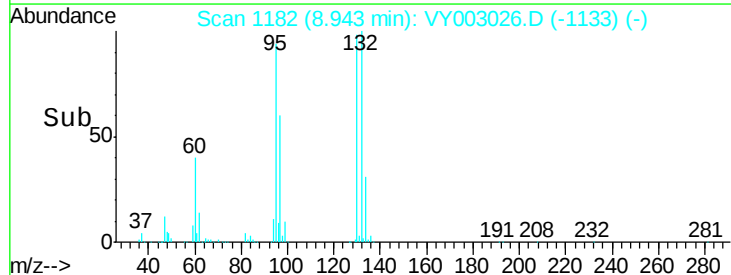
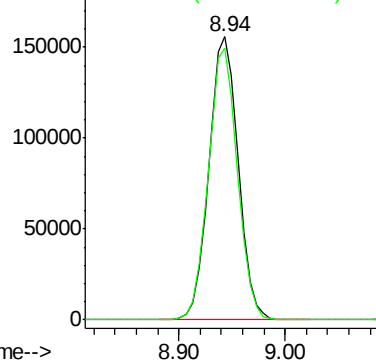
#44

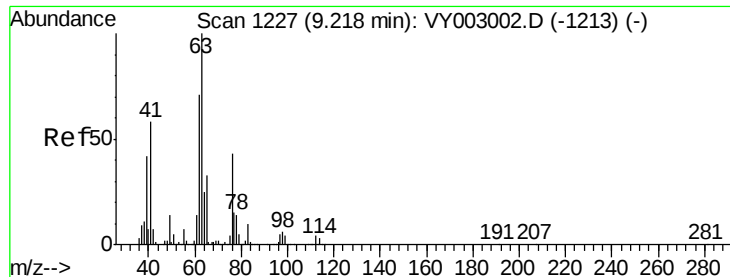
Trichloroethene
 Concen: 52.352 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion	130	Resp	301073
Ion Ratio	Lower	Upper	
130	100		
95	96.0	0.0	186.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 50.207 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

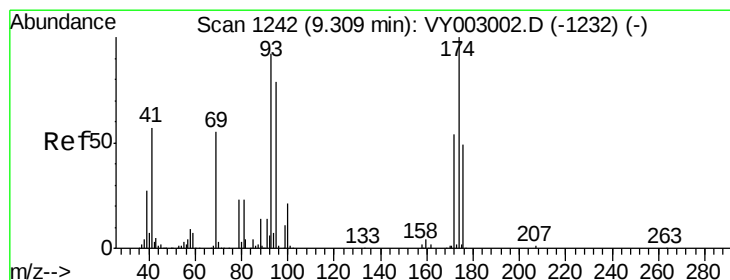
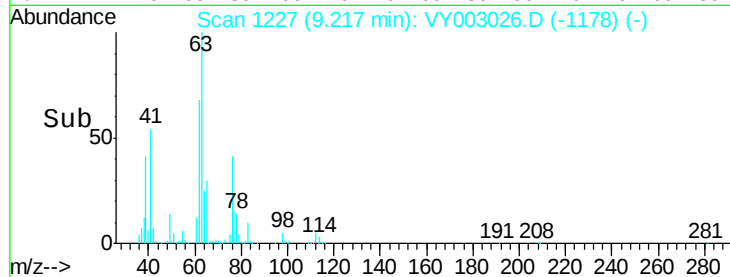
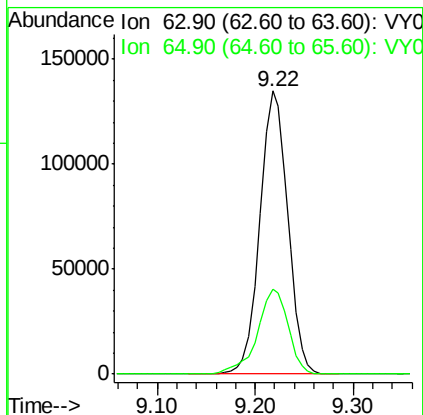
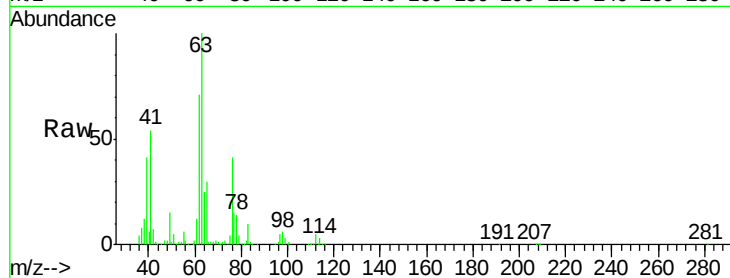
VSTDCCC050

Tot Ion: 63 Resp: 267262

Ion Ratio Lower Upper

63 100

65 30.2 26.2 39.4



#46

Dibromomethane

Concen: 50.802 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

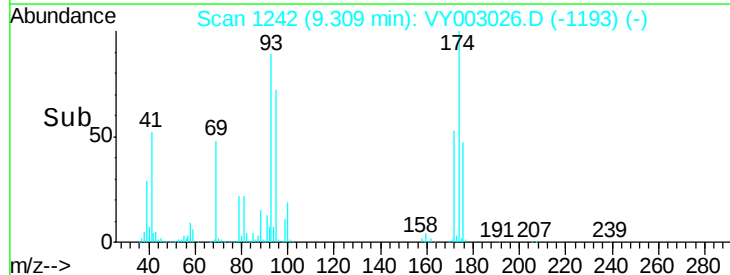
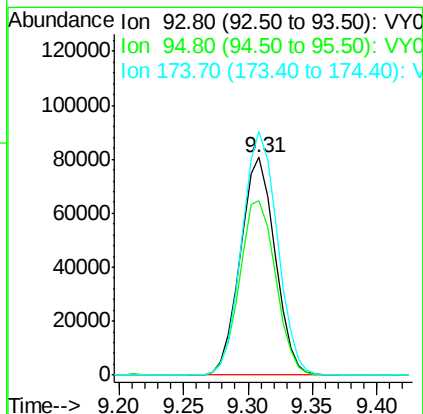
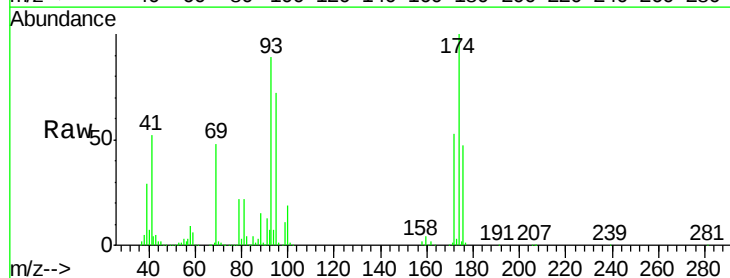
Tgt Ion: 93 Resp: 151038

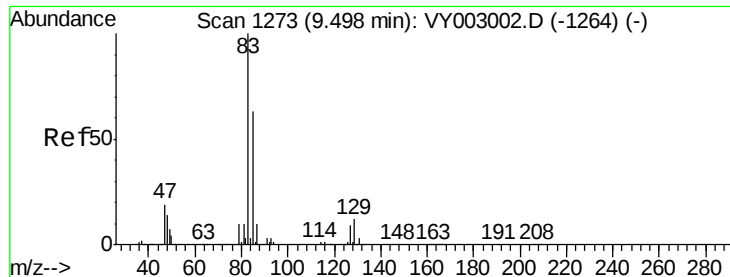
Ion Ratio Lower Upper

93 100

95 83.3 67.6 101.4

174 113.6 88.3 132.5





#47

Bromodichloromethane

Concen: 51.162 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

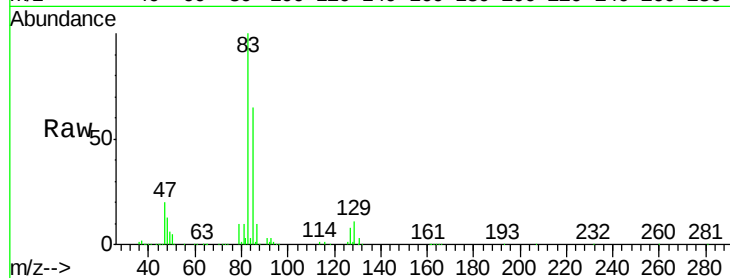
Tot Ion: 83 Resp: 372456

Ion Ratio Lower Upper

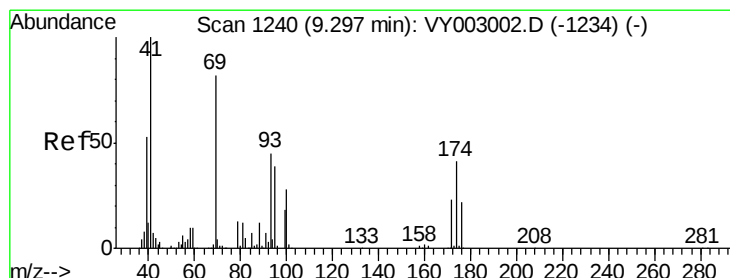
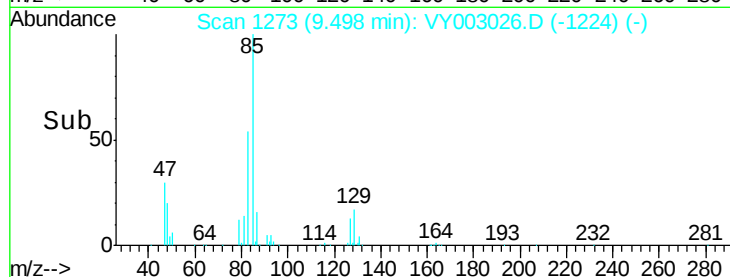
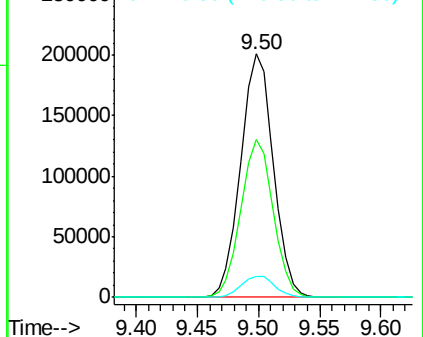
83 100

85 65.0 50.5 75.7

127 8.4 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: 47.346 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

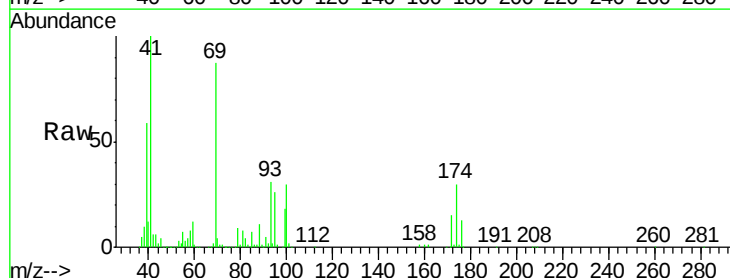
Tgt Ion: 41 Resp: 178026

Ion Ratio Lower Upper

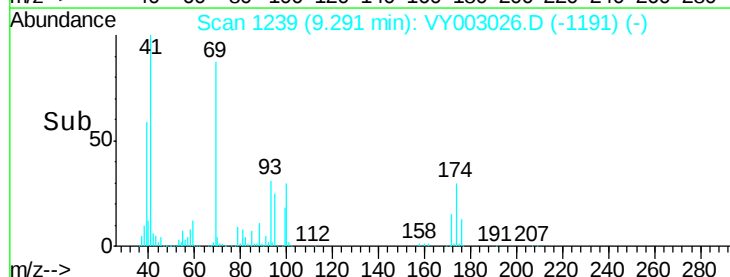
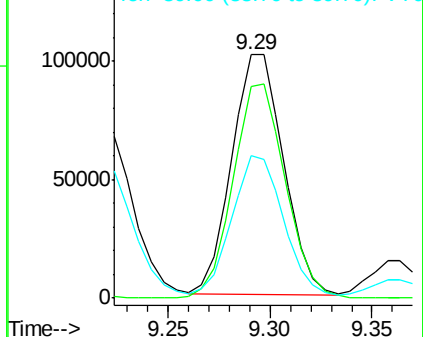
41 100

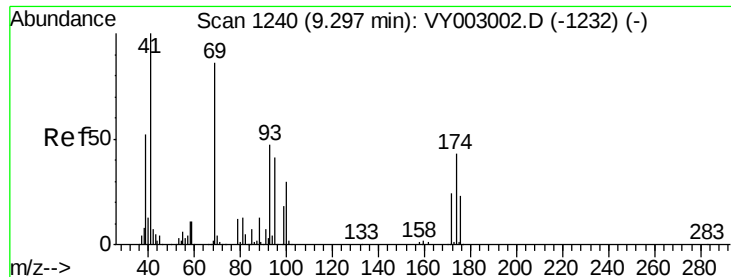
69 90.5 67.7 101.5

39 57.8 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

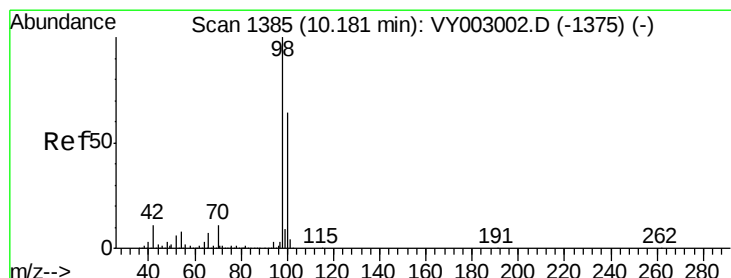
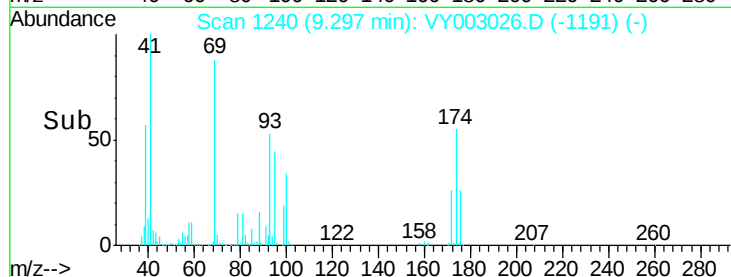
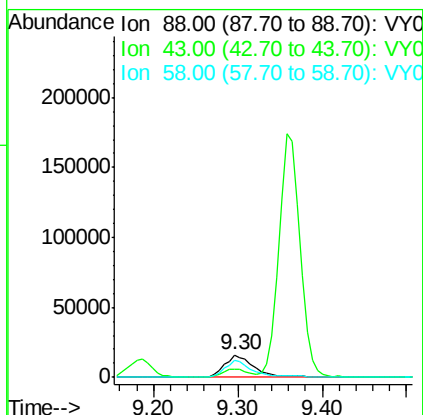
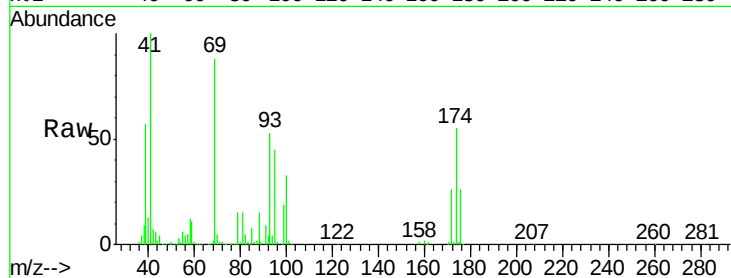




#49
1,4-Dioxane
Concen: 1085.208 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

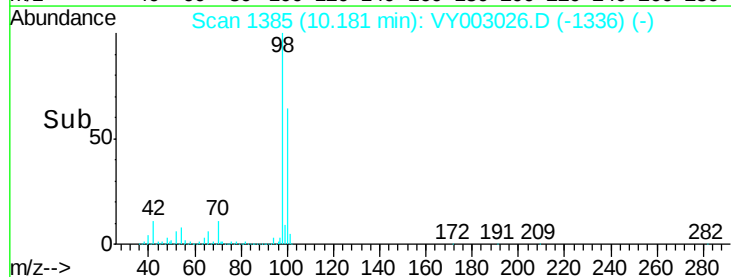
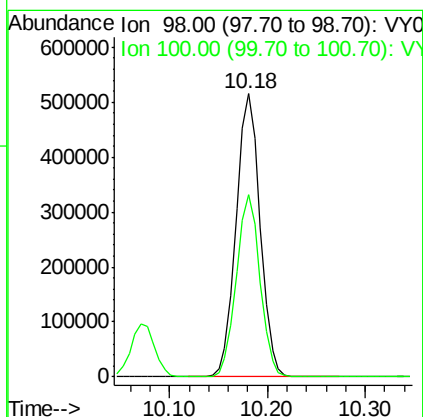
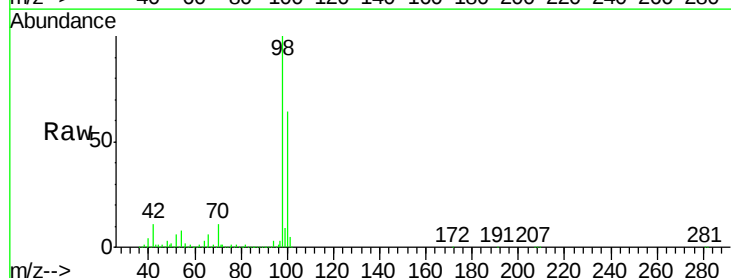
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

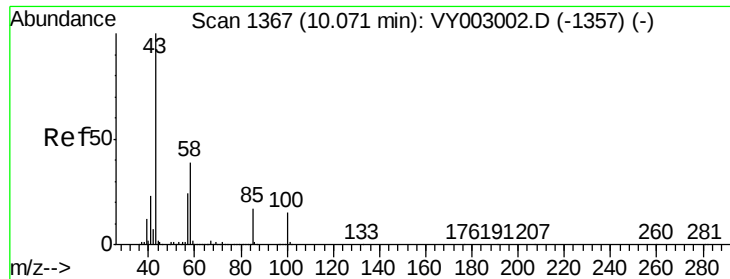
Tot Ion: 88 Resp: 39385
Ion Ratio Lower Upper
88 100
43 32.0 28.6 42.8
58 72.0 56.7 85.1



#50
Toluene-d8
Concen: 50.322 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion: 98 Resp: 877465
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7

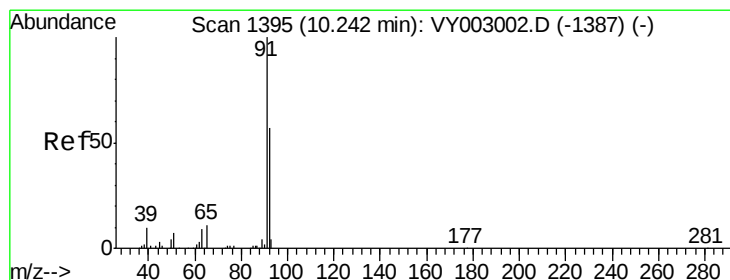
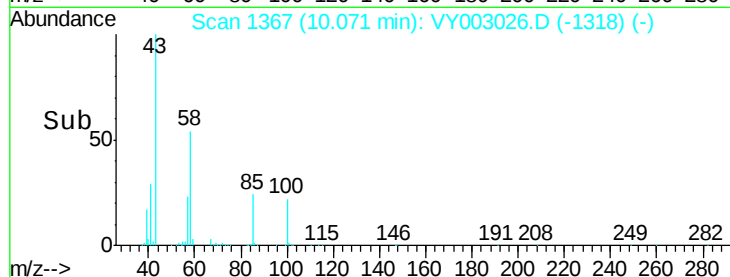
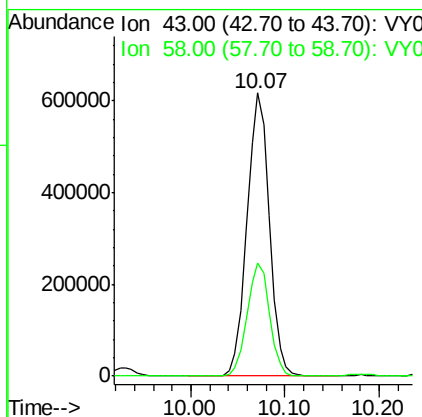
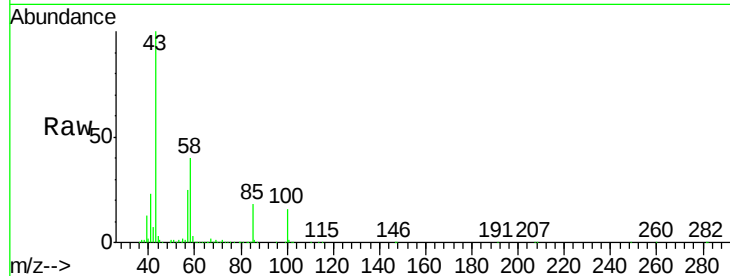




#51
 4-Methyl-2-Pentanone
 Concen: 240.707 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

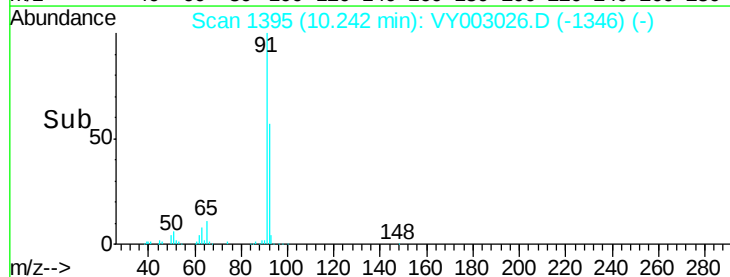
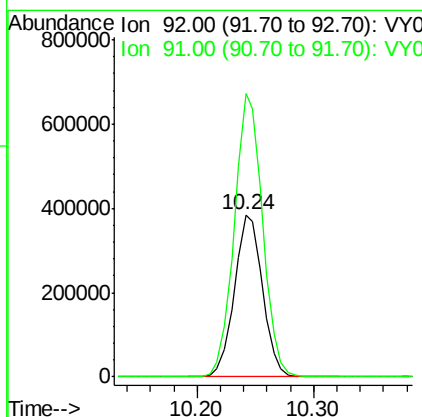
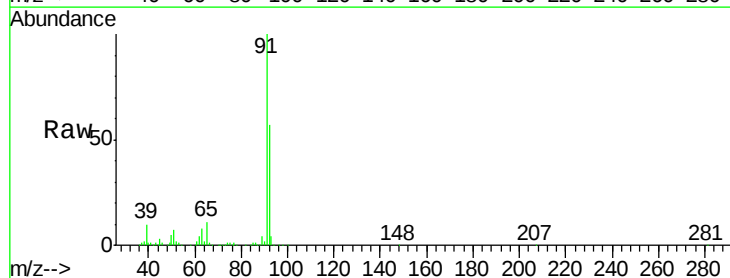
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

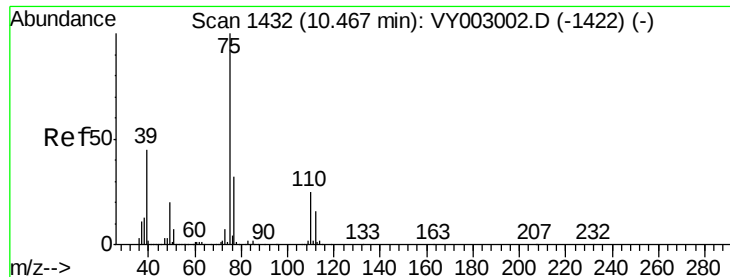
Tot Ion: 43 Resp: 1027736
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.1 46.7



#52
 Toluene
 Concen: 51.918 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion: 92 Resp: 646660
 Ion Ratio Lower Upper
 92 100
 91 175.2 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 51.320 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

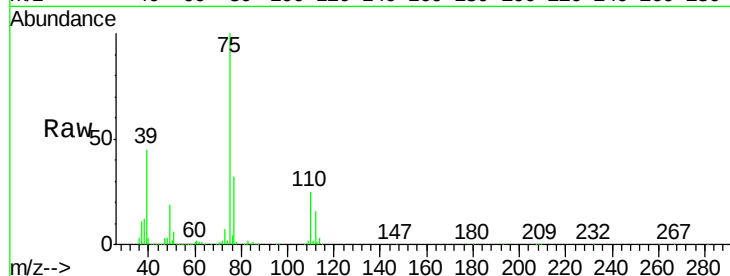
VSTDCCC050

Tot Ion: 75 Resp: 391702

Ion Ratio Lower Upper

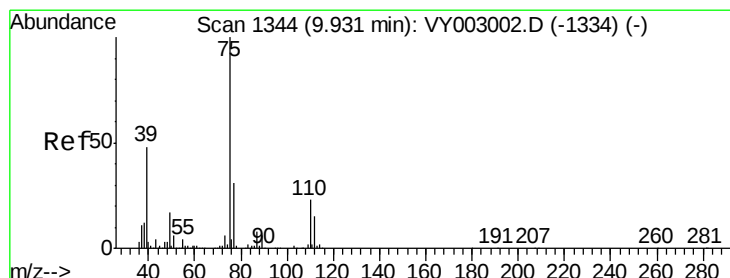
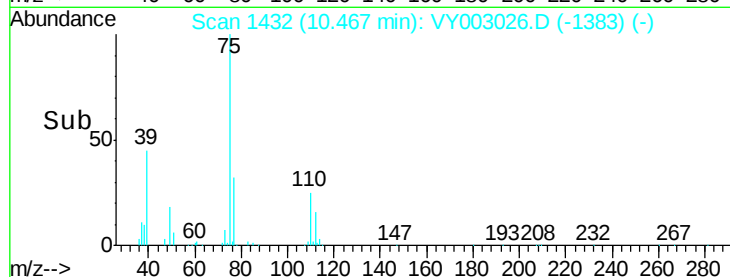
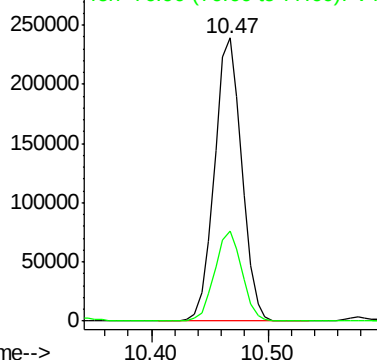
75 100

77 32.0 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 51.639 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

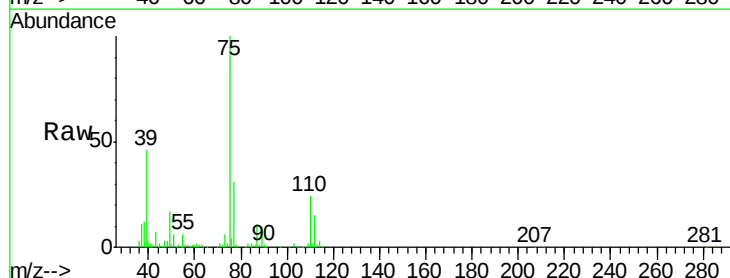
Tgt Ion: 75 Resp: 450755

Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

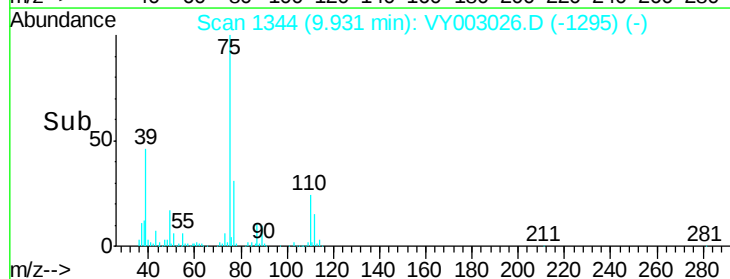
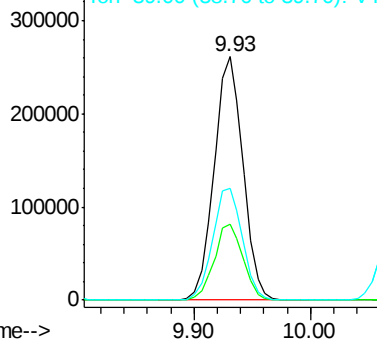
39 46.0 38.3 57.5

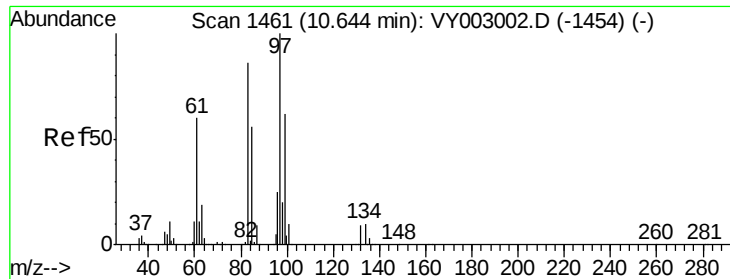


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

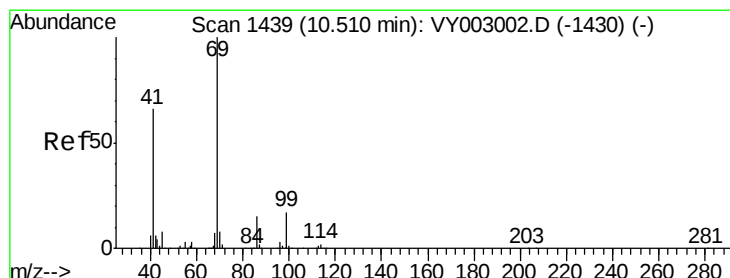
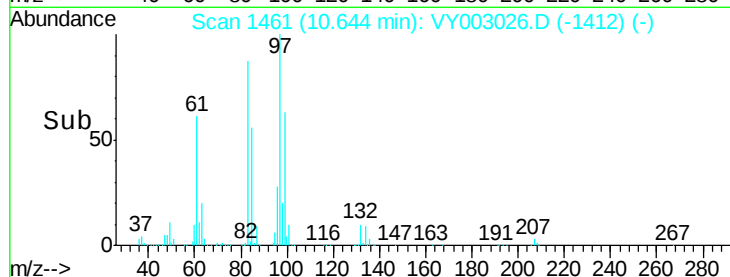
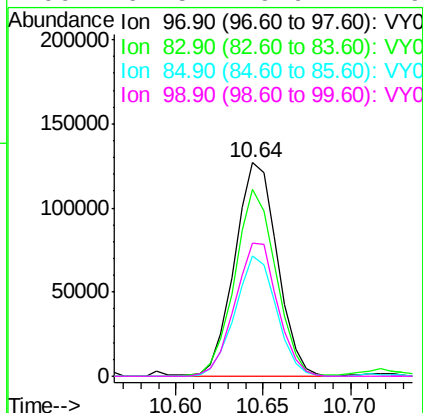
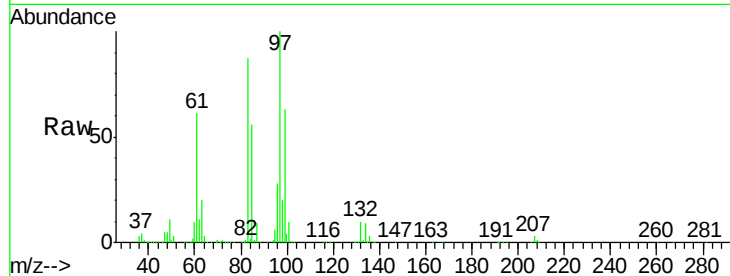




#55
 1,1,2-Trichloroethane
 Concen: 51.812 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

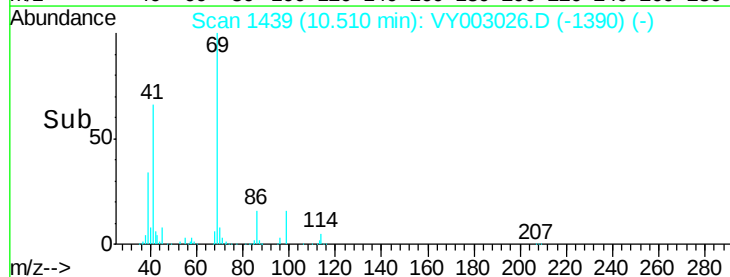
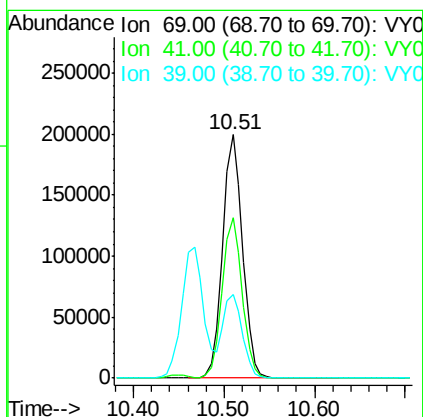
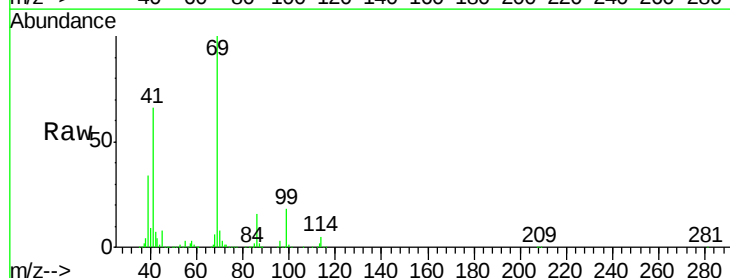
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

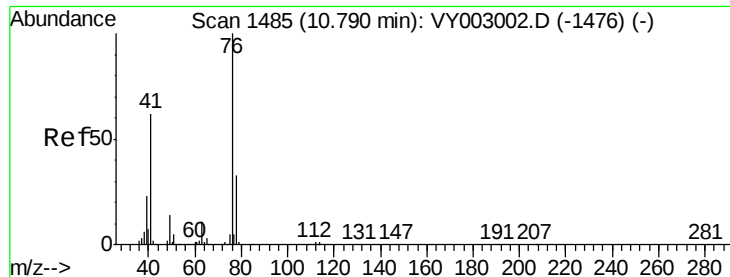
Tot Ion: 97 Resp: 214056
 Ion Ratio Lower Upper
 97 100
 83 87.3 69.0 103.6
 85 56.2 44.8 67.2
 99 62.5 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 51.094 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion: 69 Resp: 305562
 Ion Ratio Lower Upper
 69 100
 41 65.5 53.7 80.5
 39 33.3 28.3 42.5





#57

1,3-Dichloropropane

Concen: 50.655 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

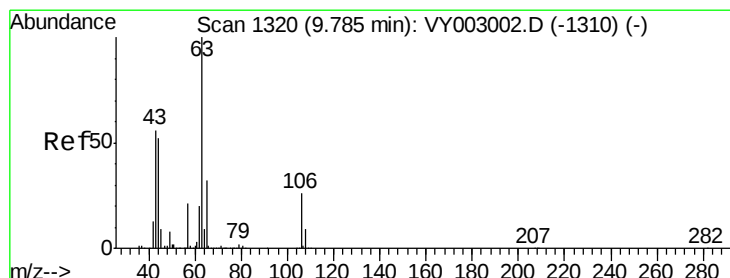
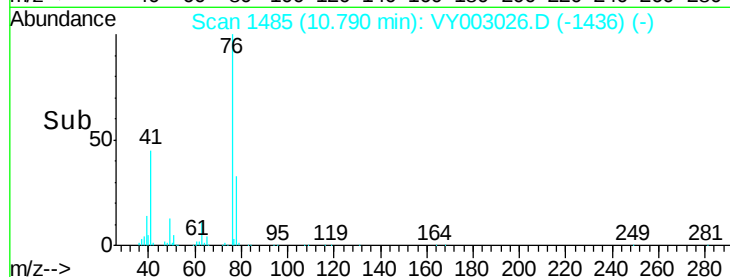
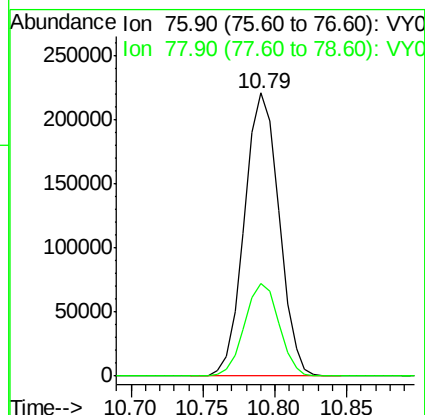
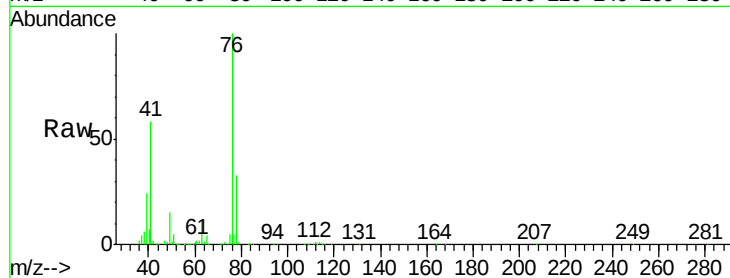
VSTDCCC050

Tot Ion: 76 Resp: 367385

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 246.007 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003026.D

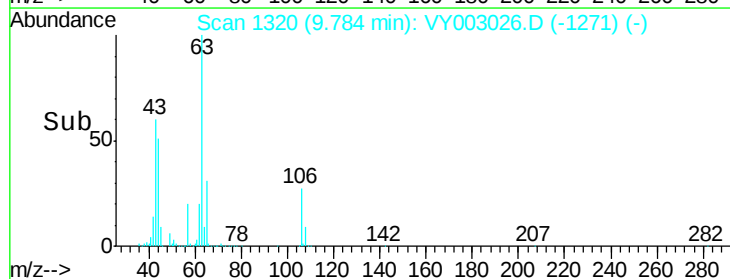
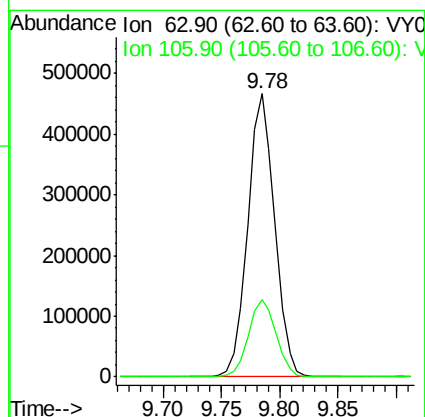
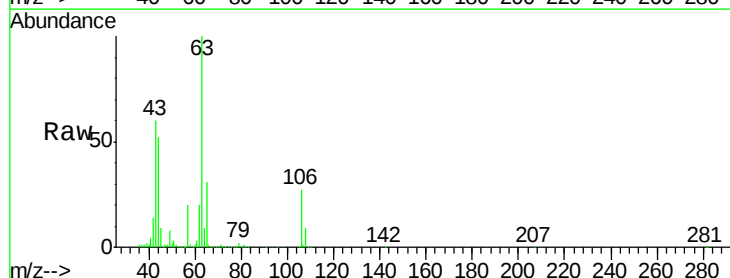
Acq: 30 Jun 2020 10:43

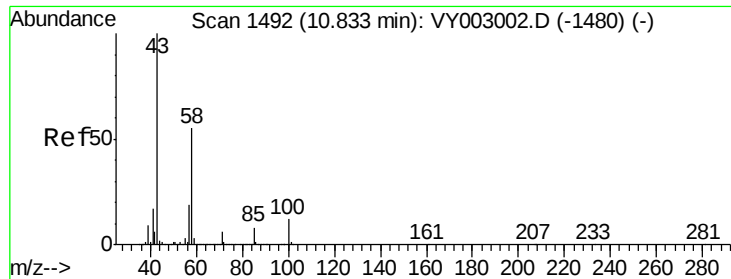
Tgt Ion: 63 Resp: 754548

Ion Ratio Lower Upper

63 100

106 28.0 21.5 32.3

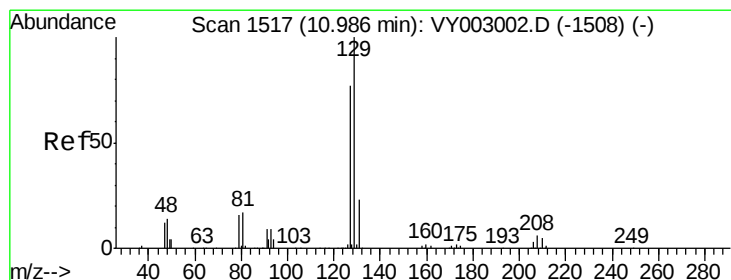
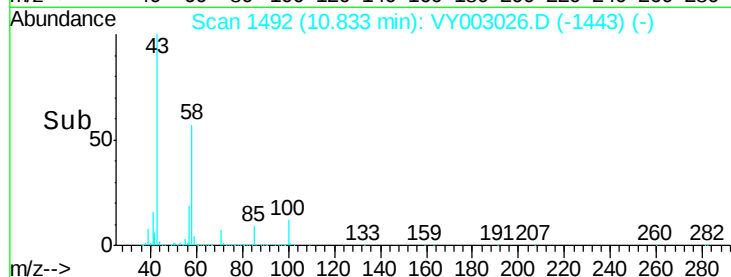
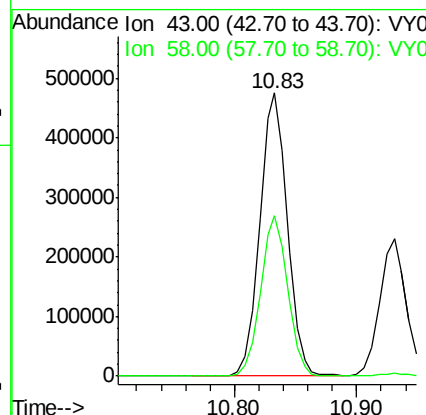
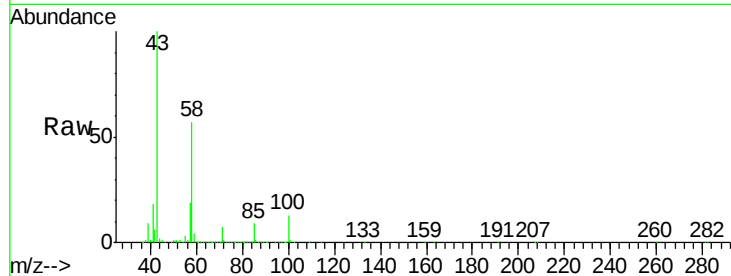




#59
2-Hexanone
Concen: 249.379 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

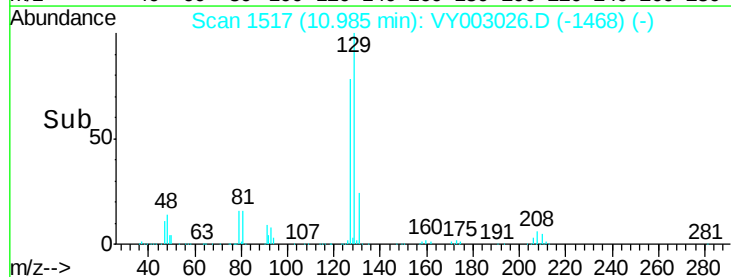
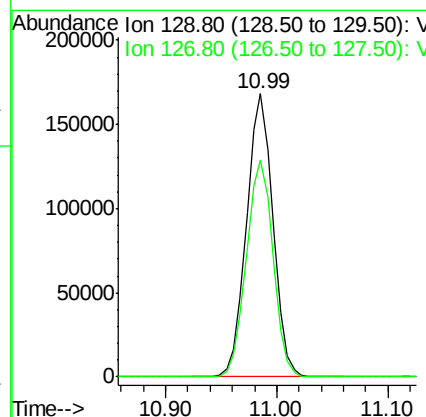
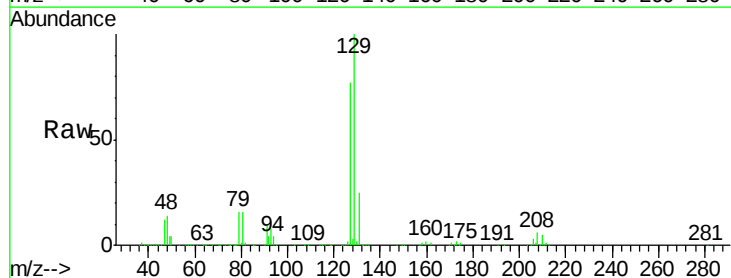
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

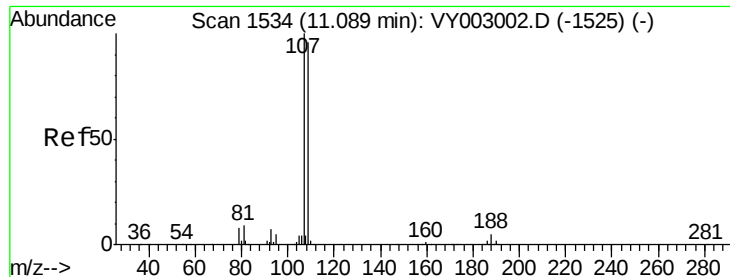
Tot Ion: 43 Resp: 744231
Ion Ratio Lower Upper
43 100
58 56.0 27.5 82.4



#60
Dibromochloromethane
Concen: 52.220 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion: 129 Resp: 276092
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.3

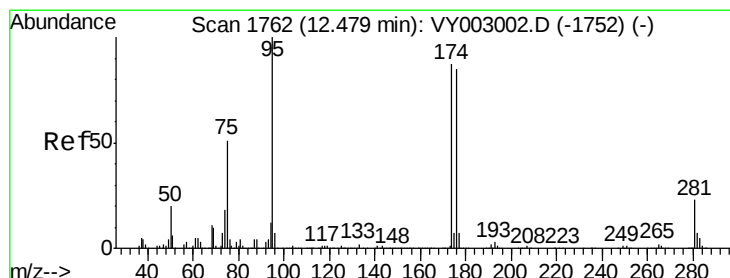
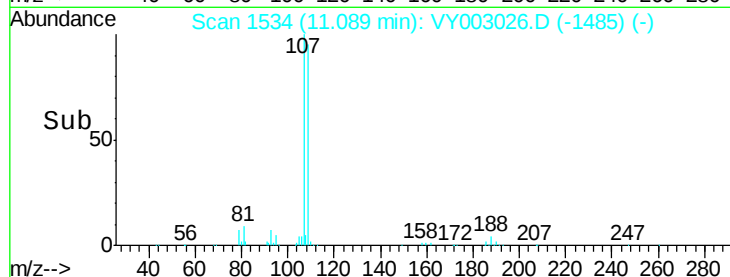
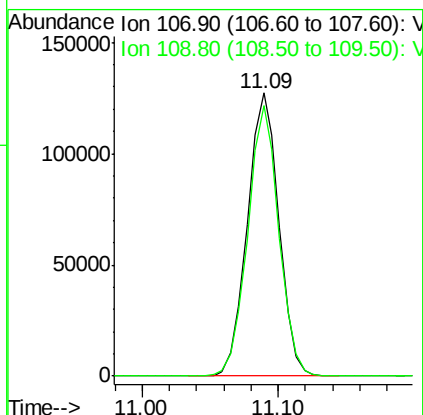
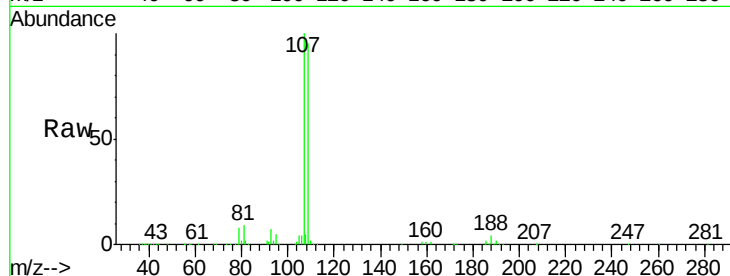




#61
 1,2-Dibromoethane
 Concen: 50.657 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

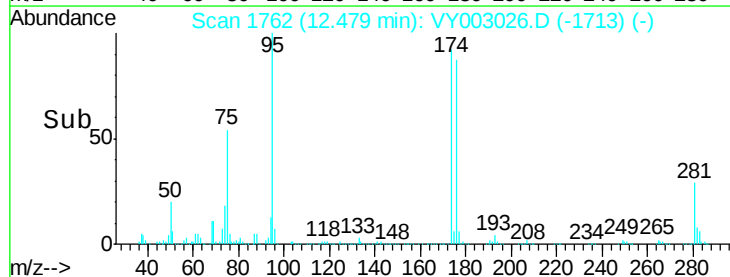
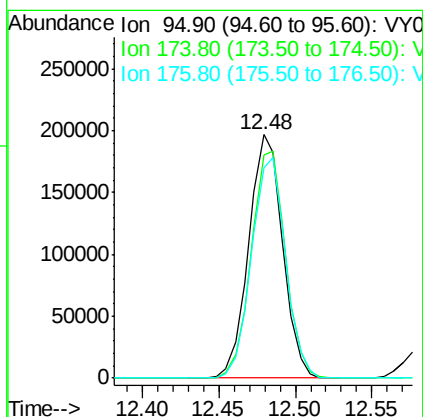
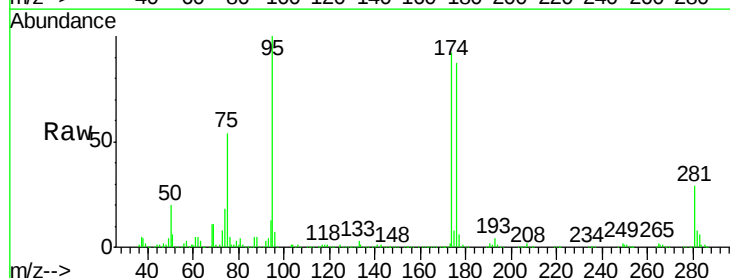
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

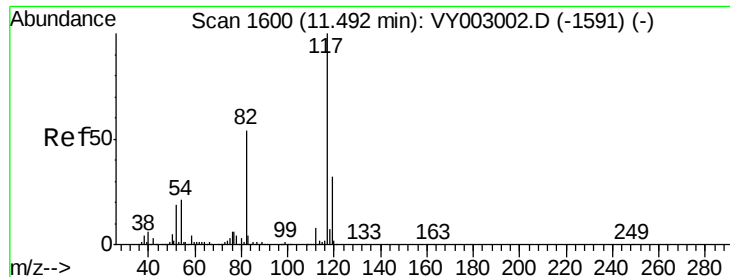
Tot Ion: 107 Resp: 206323
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 49.439 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion: 95 Resp: 303452
 Ion Ratio Lower Upper
 95 100
 174 94.0 0.0 184.8
 176 90.9 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: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

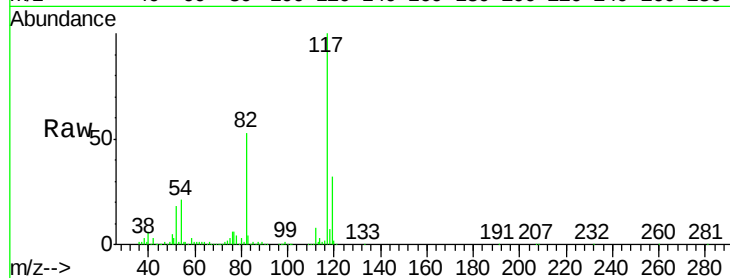
Tot Ion:117 Resp: 673106

Ion Ratio Lower Upper

117 100

82 53.4 43.0 64.6

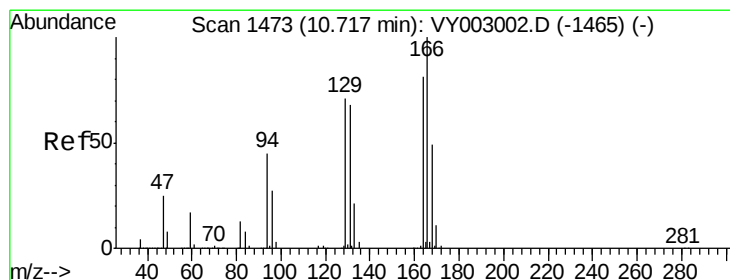
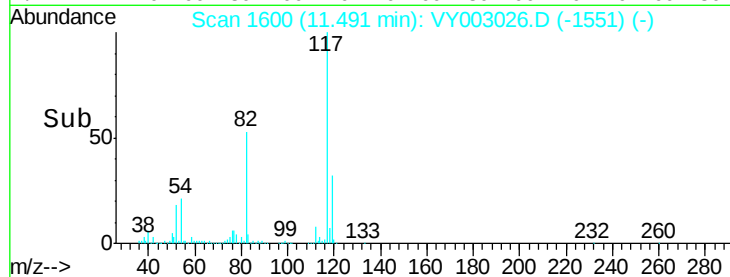
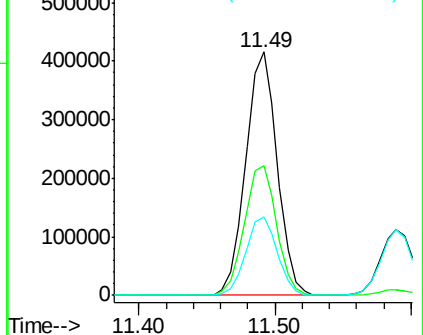
119 32.1 25.8 38.8



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: 53.313 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Tgt Ion:164 Resp: 303714

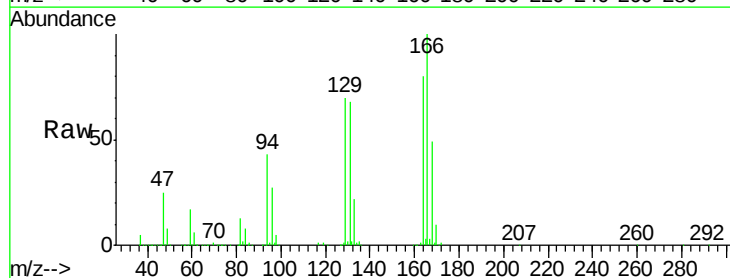
Ion Ratio Lower Upper

164 100

166 125.2 98.5 147.7

129 87.7 69.7 104.5

131 85.2 67.2 100.8

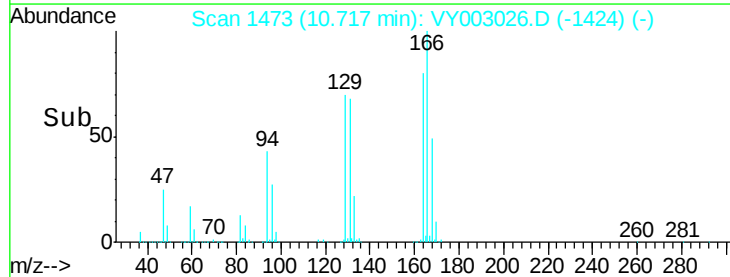
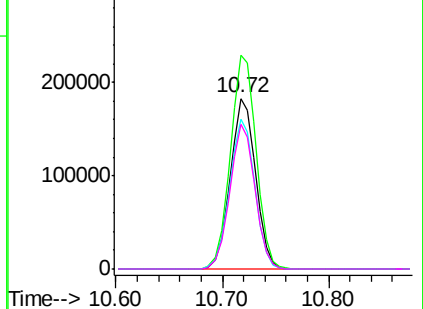


Abundance Ion 163.80 (163.50 to 164.50): V

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

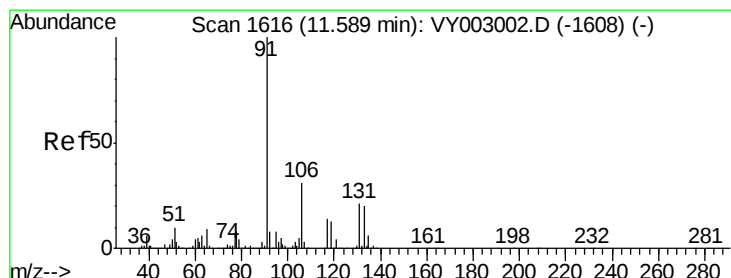
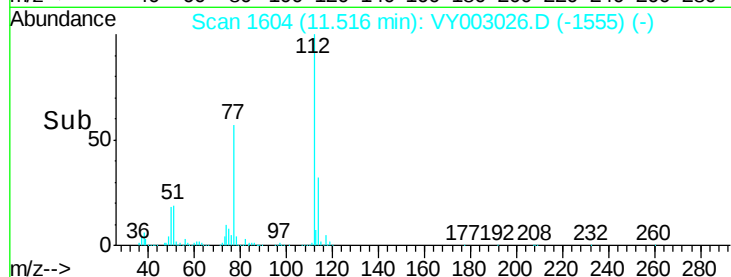
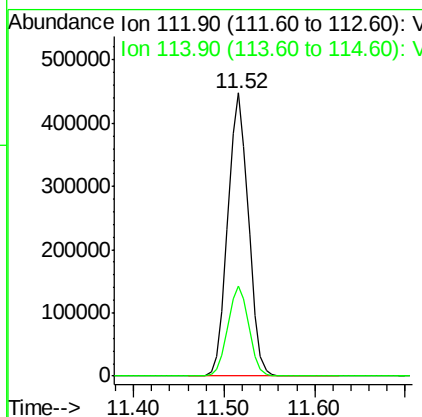
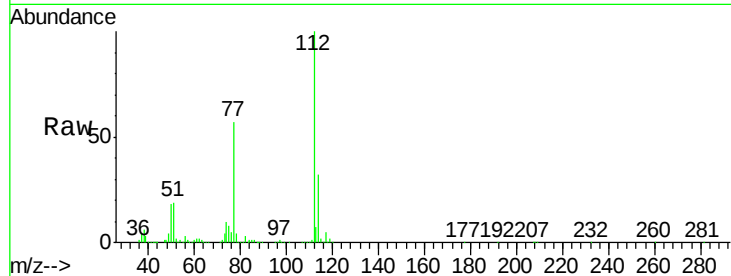




#65
Chlorobenzene
Concen: 53.204 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

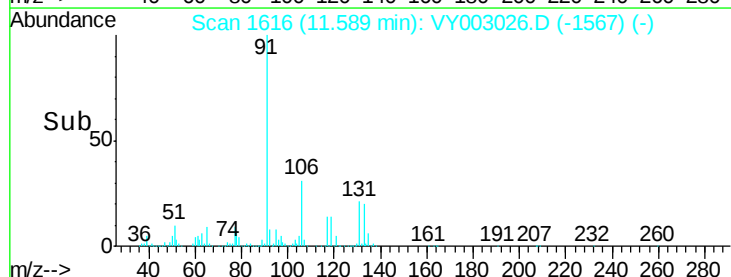
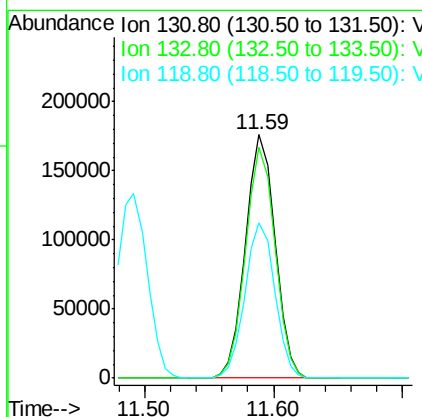
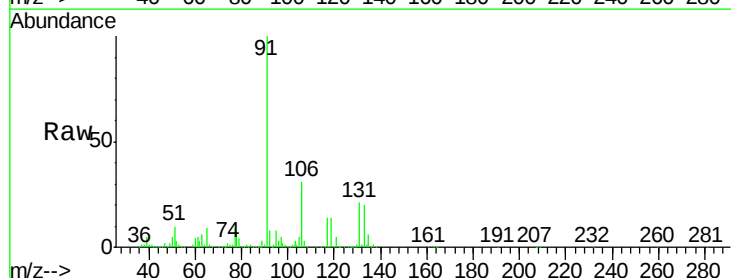
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 706137
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.894 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion:131 Resp: 279270
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.8
119 64.5 31.8 95.3





#67

Ethyl Benzene

Concen: 53.094 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

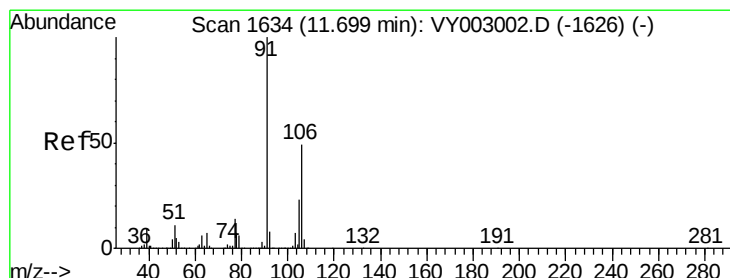
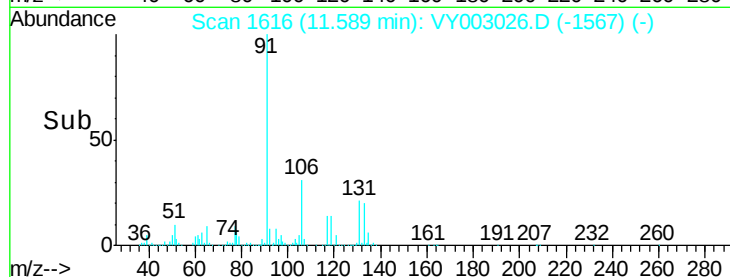
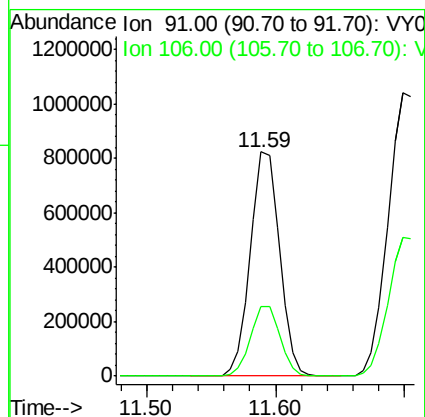
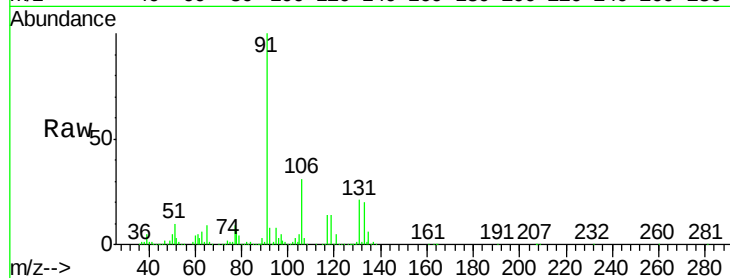
VSTDCCC050

Tot Ion: 91 Resp: 1289179

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.4



#68

m/p-Xylenes

Concen: 106.567 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003026.D

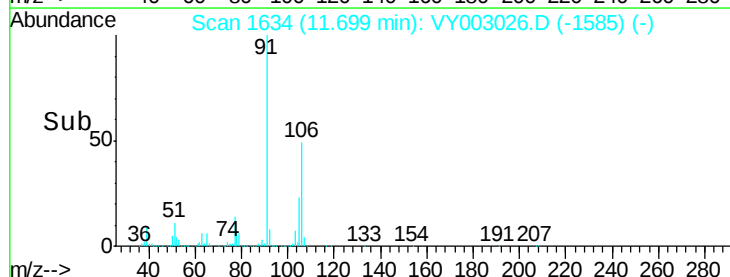
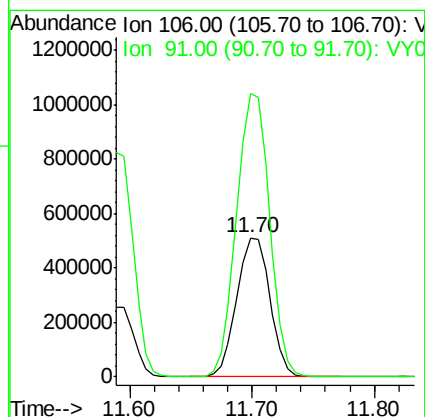
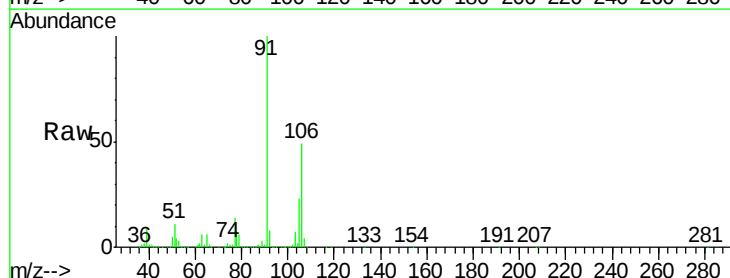
Acq: 30 Jun 2020 10:43

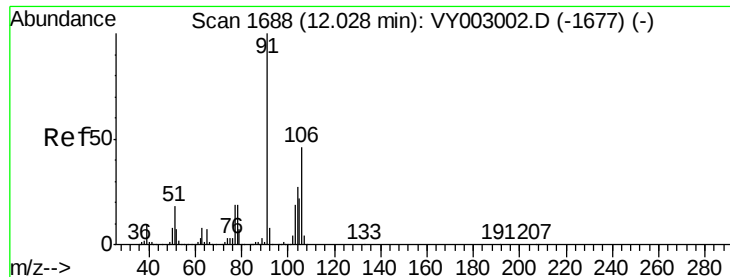
Tgt Ion: 106 Resp: 963037

Ion Ratio Lower Upper

106 100

91 202.9 161.9 242.9

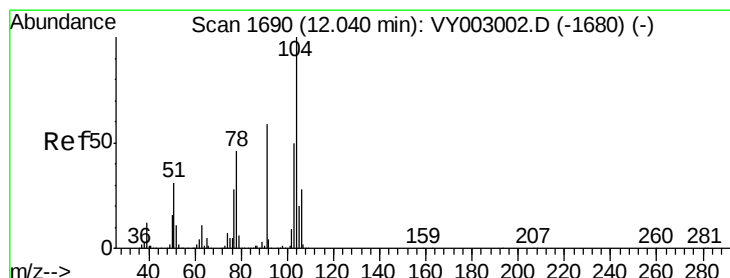
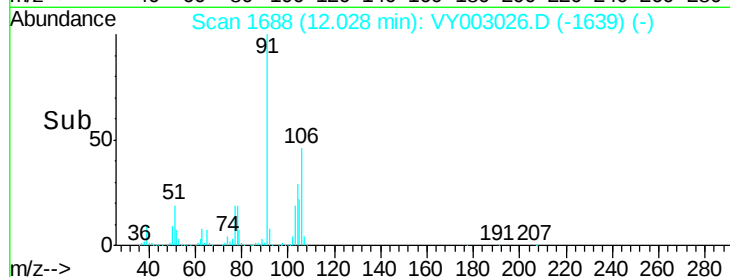
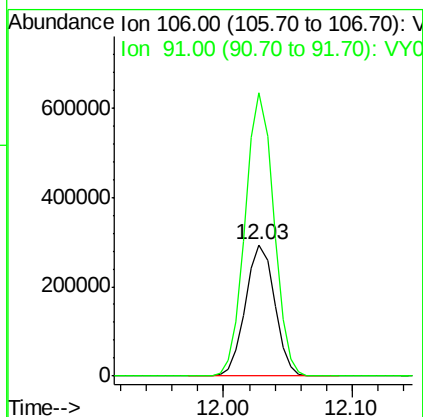
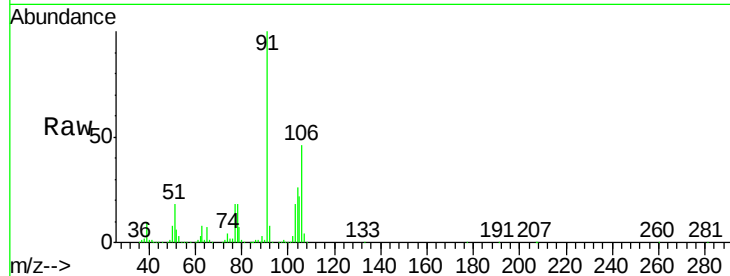




#69
o-Xylene
Concen: 53.785 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

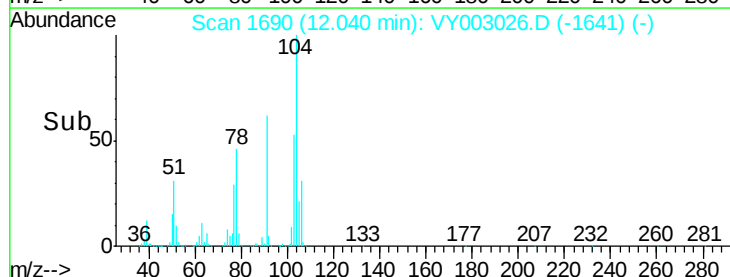
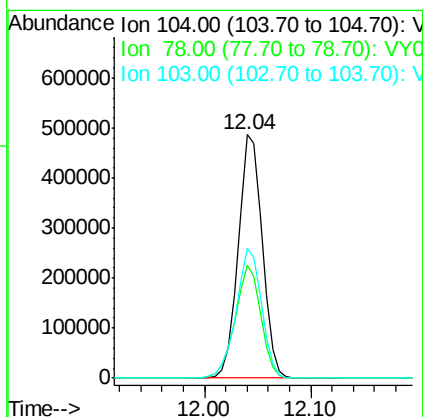
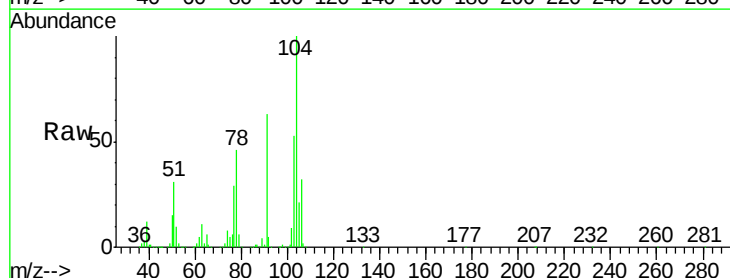
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

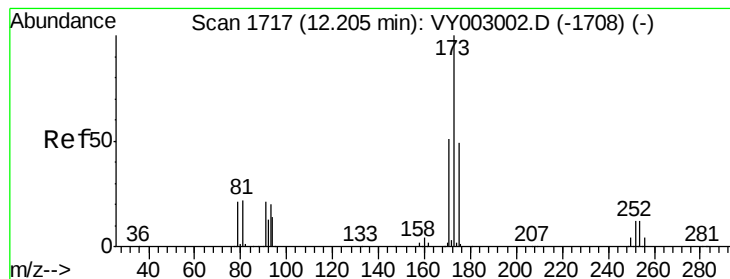
Tot Ion:106 Resp: 458016
Ion Ratio Lower Upper
106 100
91 212.0 107.9 323.8



#70
Styrene
Concen: 53.141 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion:104 Resp: 773104
Ion Ratio Lower Upper
104 100
78 49.4 40.4 60.6
103 56.4 44.1 66.1





#71

Bromoform

Concen: 53.326 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

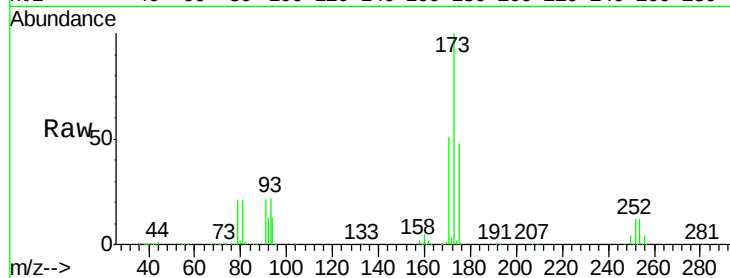
Tot Ion:173 Resp: 184253

Ion Ratio Lower Upper

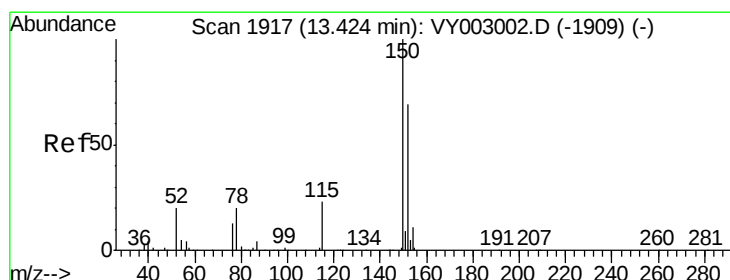
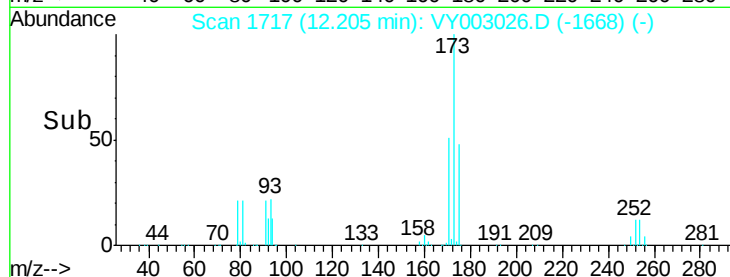
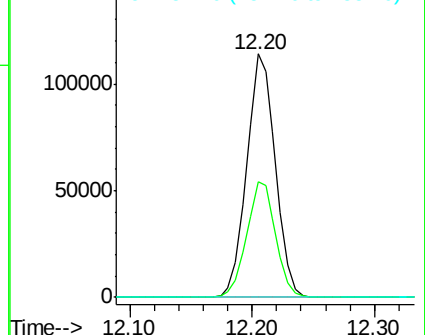
173 100

175 48.1 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: VY003026.D

Acq: 30 Jun 2020 10:43

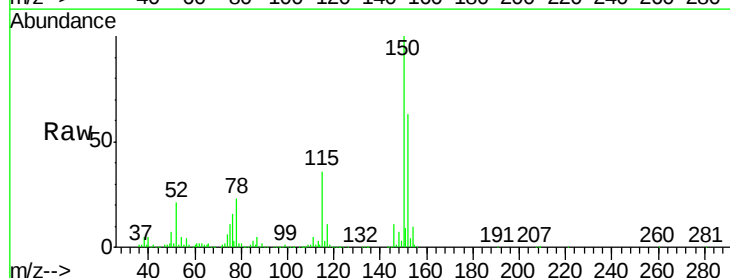
Tgt Ion:152 Resp: 353154

Ion Ratio Lower Upper

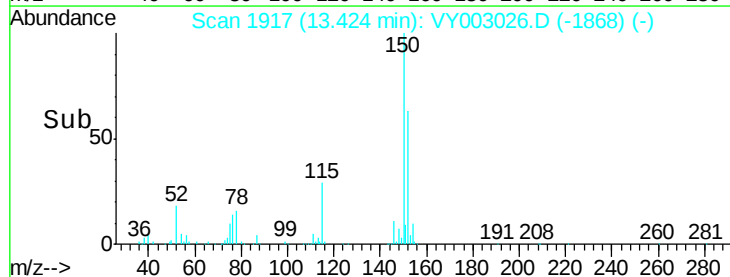
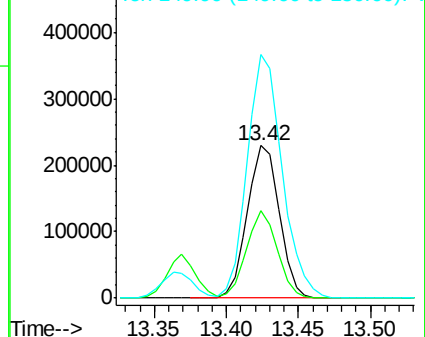
152 100

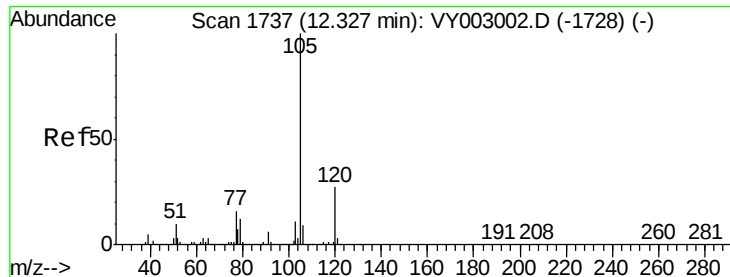
115 54.9 27.3 81.9

150 174.1 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: 54.370 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

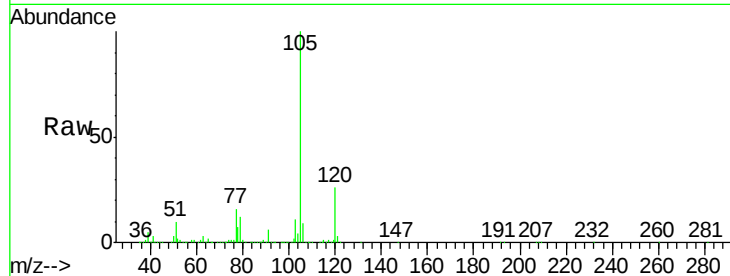
VSTDCCC050

Tot Ion:105 Resp: 1256629

Ion Ratio Lower Upper

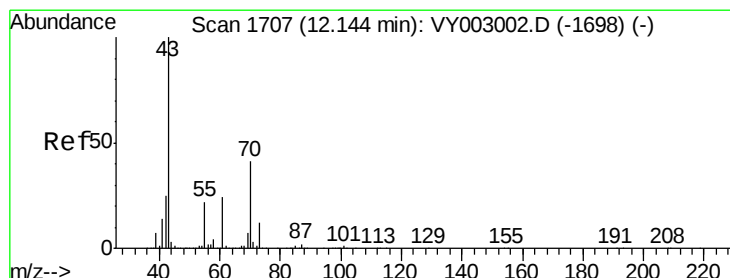
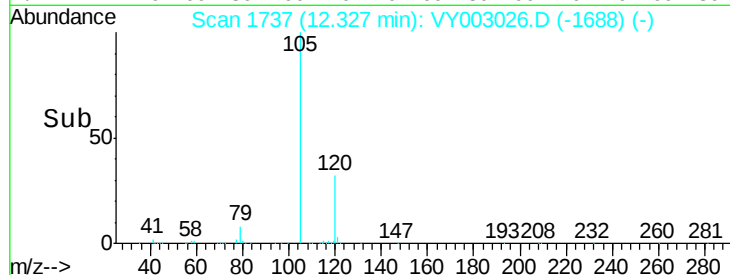
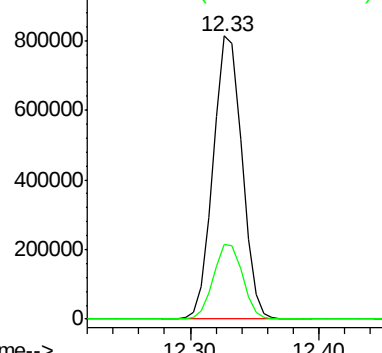
105 100

120 26.8 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: 50.282 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Tgt Ion: 43 Resp: 378331

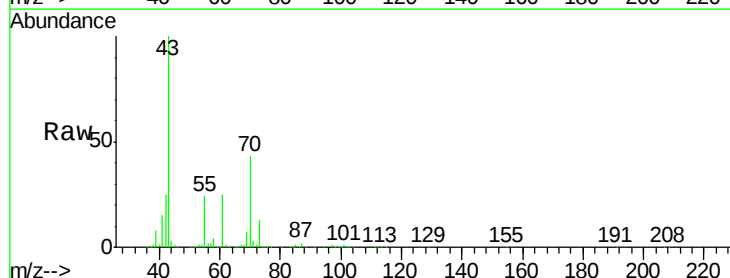
Ion Ratio Lower Upper

43 100

70 42.5 33.0 49.4

55 23.8 18.2 27.2

61 24.9 19.4 29.2

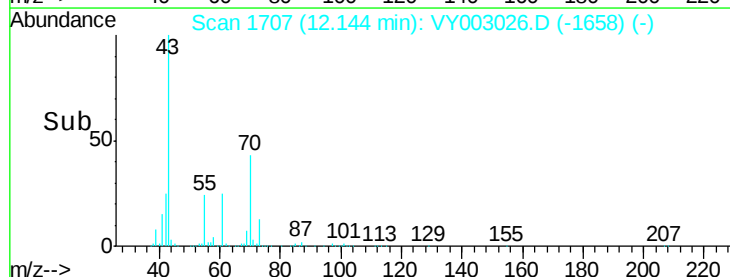
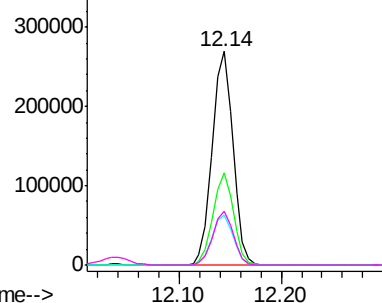


Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 52.406 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

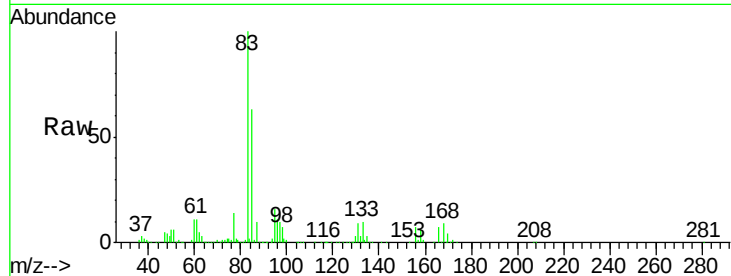
Tot Ion: 83 Resp: 244433

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

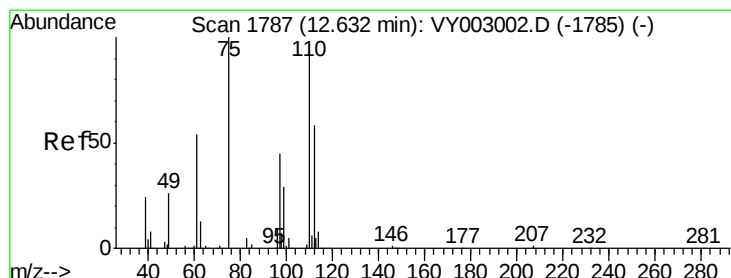
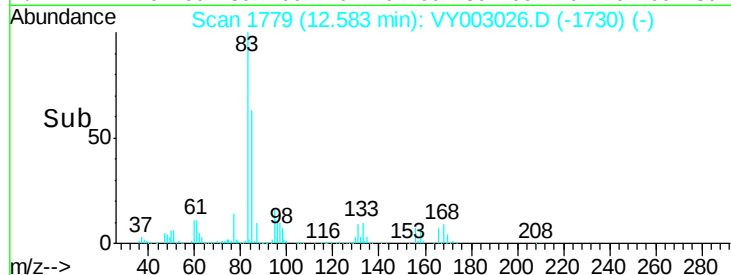
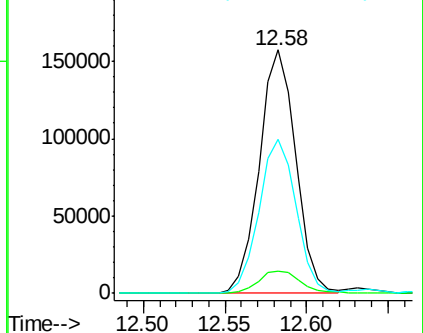
85 64.4 32.1 96.3



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: 97.514 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003026.D

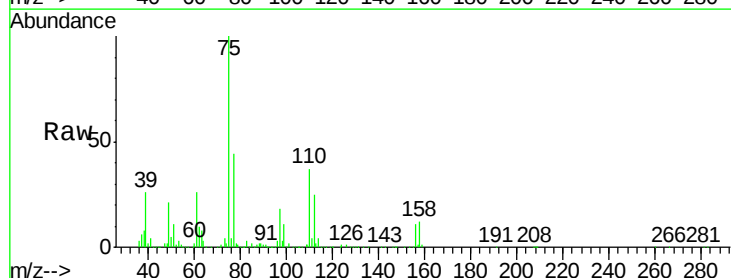
Acq: 30 Jun 2020 10:43

Tgt Ion: 75 Resp: 340825

Ion Ratio Lower Upper

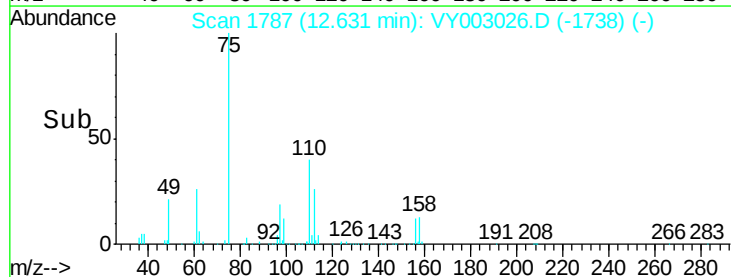
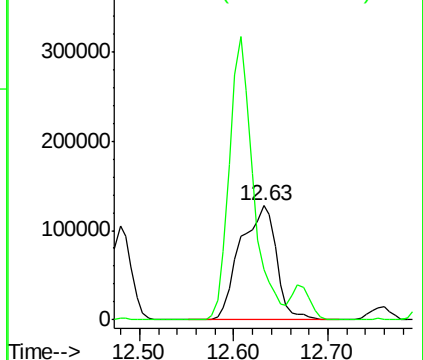
75 100

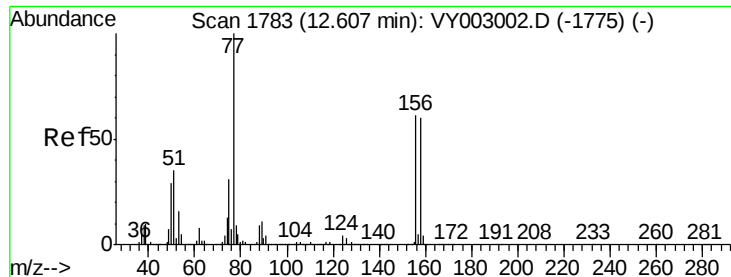
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 53.474 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

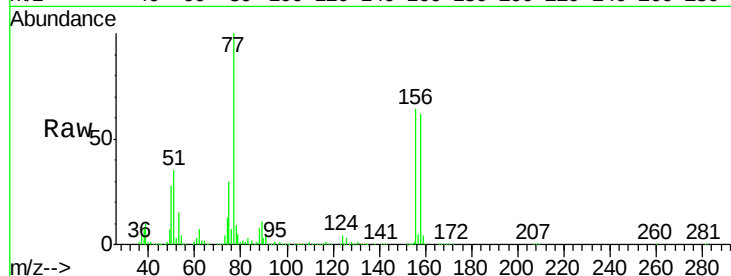
Tot Ion:156 Resp: 316885

Ion Ratio Lower Upper

156 100

77 177.7 90.0 270.0

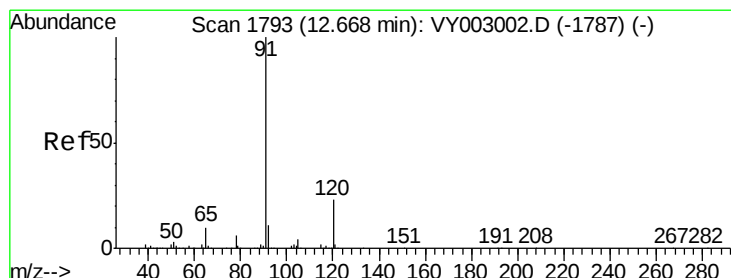
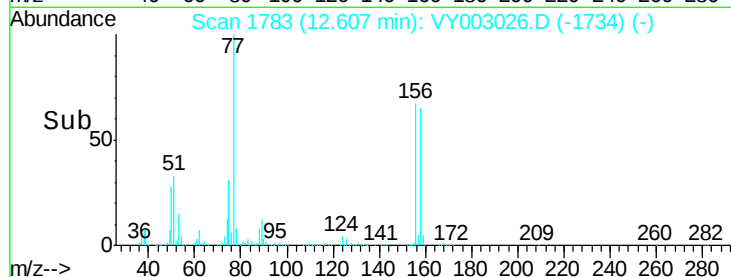
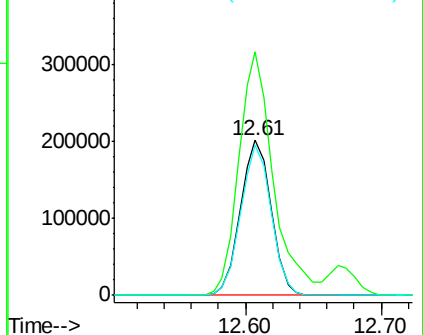
158 96.4 48.5 145.5



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: 53.383 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003026.D

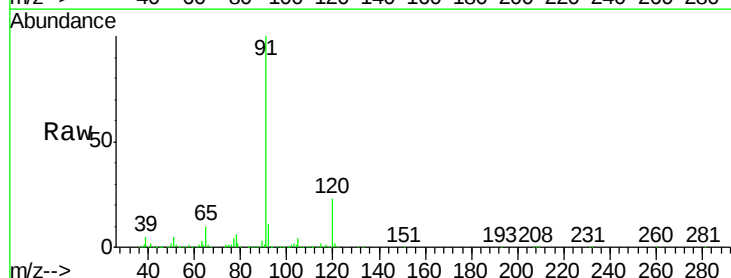
Acq: 30 Jun 2020 10:43

Tgt Ion: 91 Resp: 1483837

Ion Ratio Lower Upper

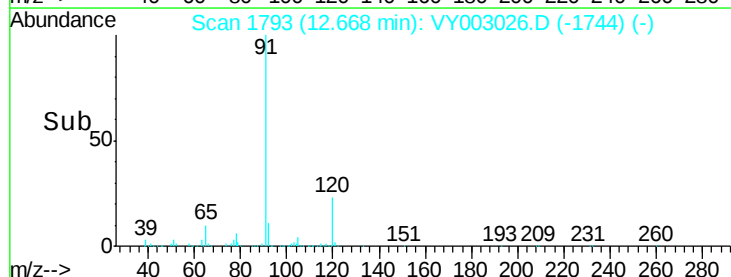
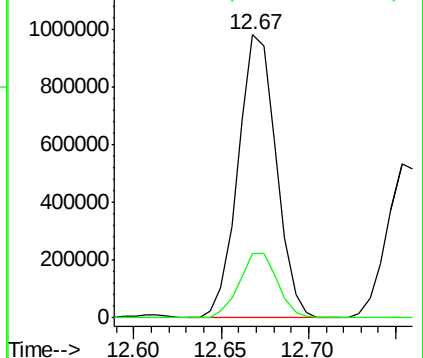
91 100

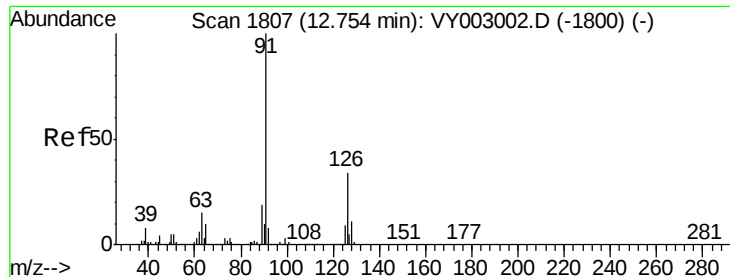
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.893 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

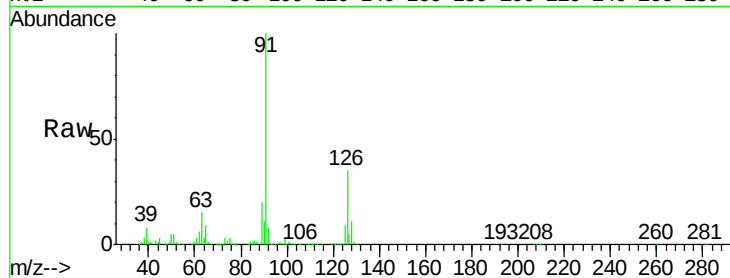
VSTDCCC050

Tot Ion: 91 Resp: 836151

Ion Ratio Lower Upper

91 100

126 34.9 17.1 51.3

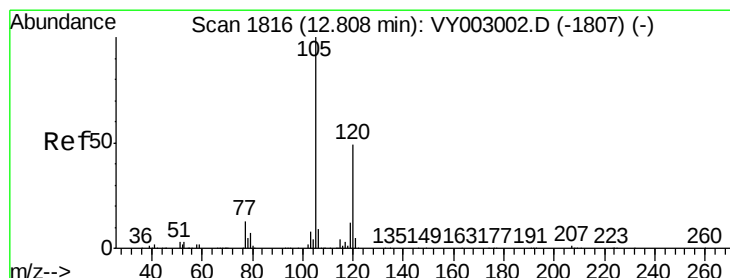
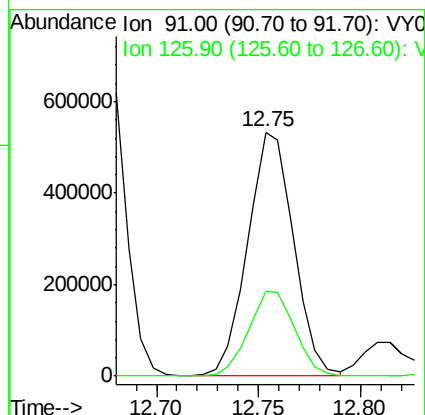
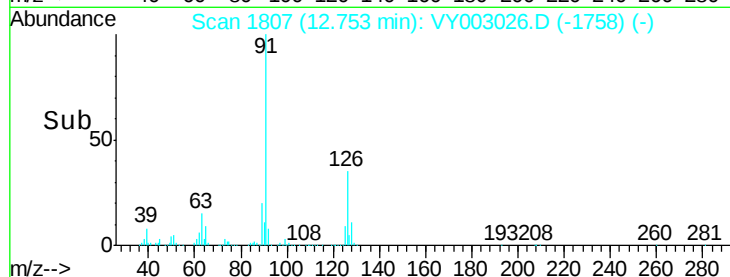


Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY003002.D (-1800) (-)

Time-->

12.75



#80

1,3,5-Trimethylbenzene

Concen: 53.835 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003026.D

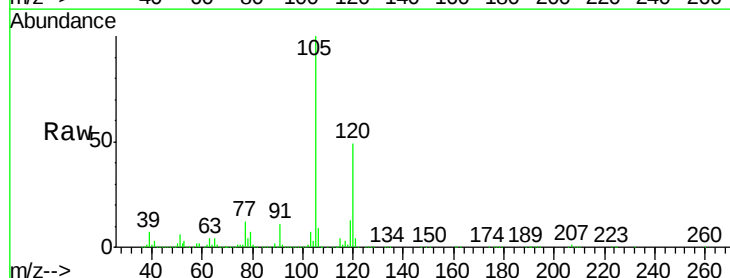
Acq: 30 Jun 2020 10:43

Tgt Ion: 105 Resp: 1044113

Ion Ratio Lower Upper

105 100

120 49.5 24.6 73.6

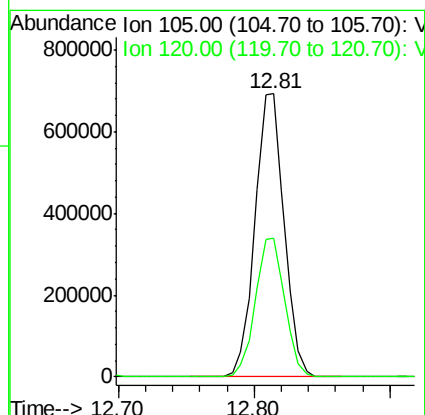
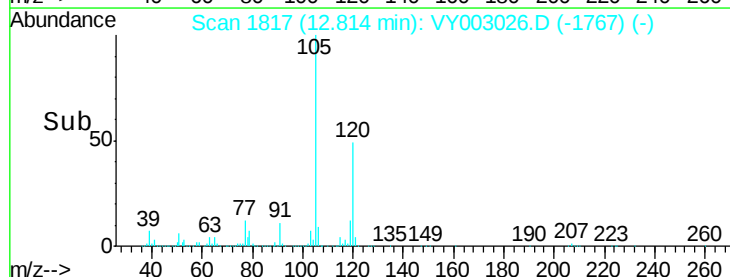


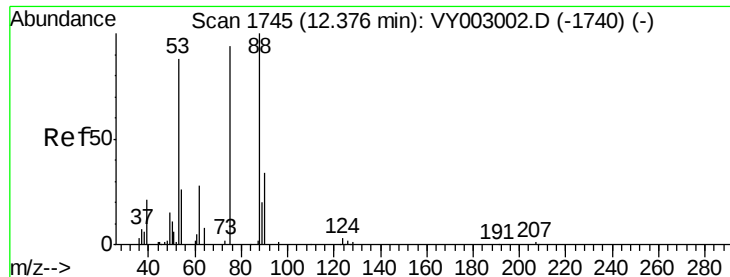
Abundance Ion 105.00 (104.70 to 105.70): VY003002.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY003002.D (-1807) (-)

Time-->

12.81





#81

trans-1,4-Dichloro-2-butene

Concen: 51.724 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

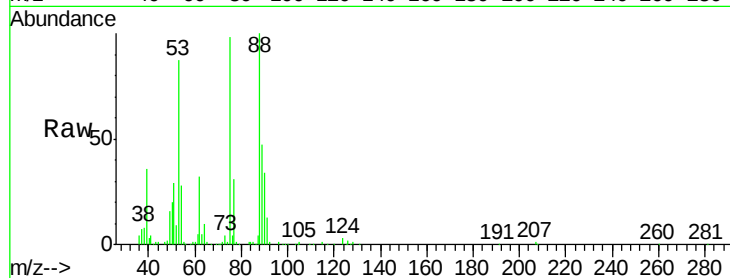
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 92919

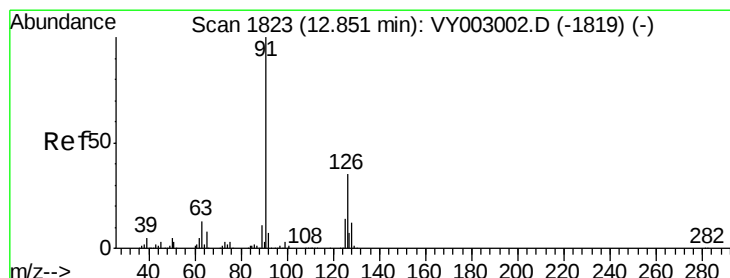
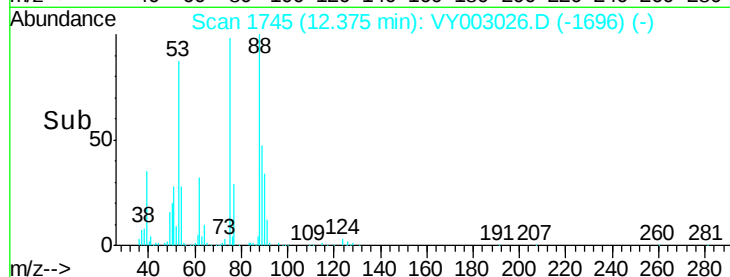
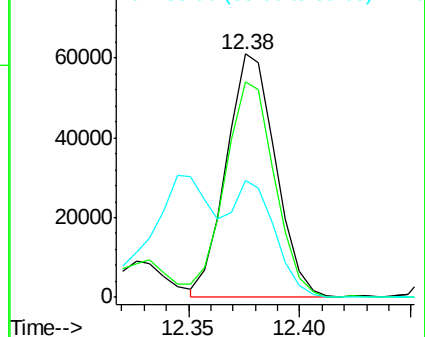
Ion	Ratio	Lower	Upper
75	100		
53	89.0	73.9	110.9
89	43.0	37.5	56.3



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: 53.871 ug/l

RT: 12.85 min Scan# 1823

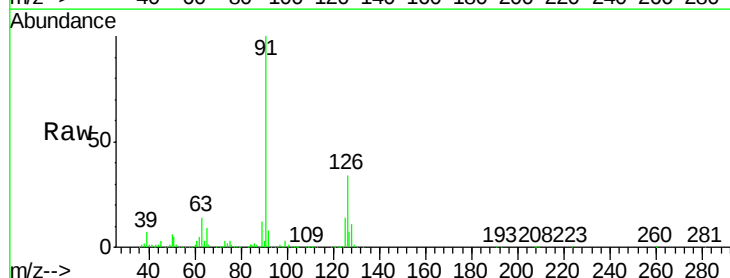
Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

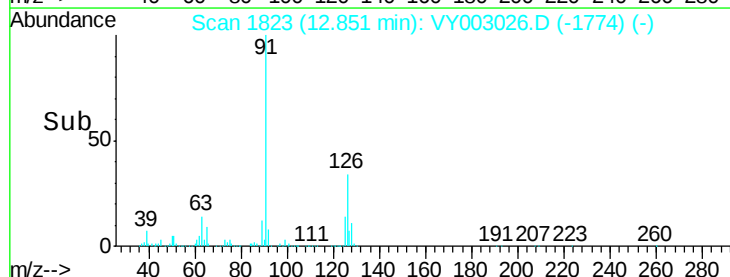
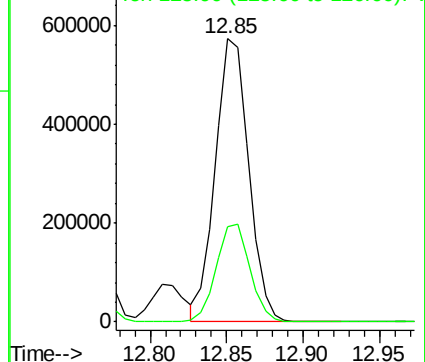
Tgt Ion: 91 Resp: 870216

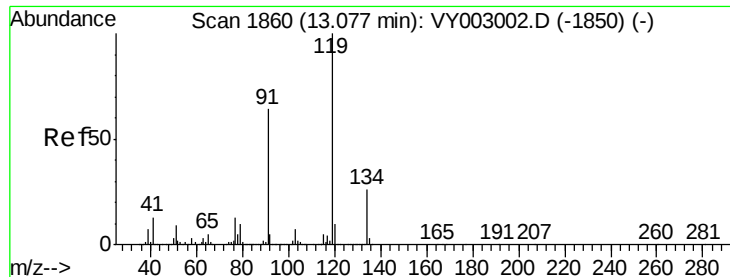
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.4	52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 54.091 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

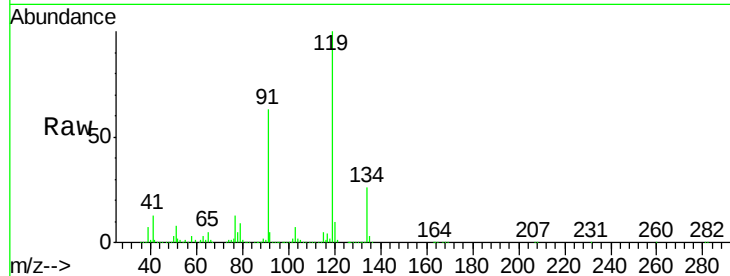
Tot Ion:119 Resp: 921171

Ion Ratio Lower Upper

119 100

91 62.6 31.6 95.0

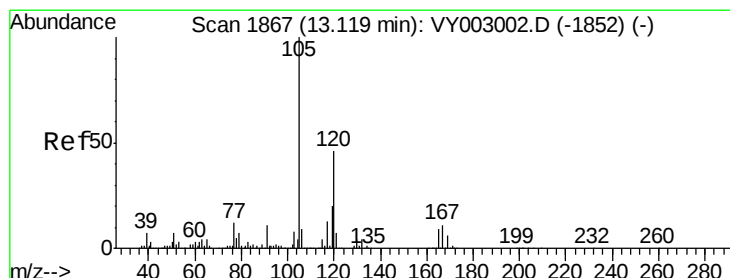
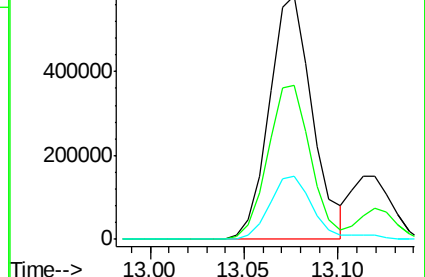
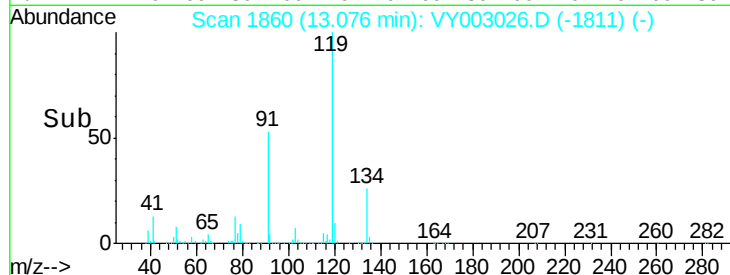
134 26.9 13.2 39.5



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: 53.418 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003026.D

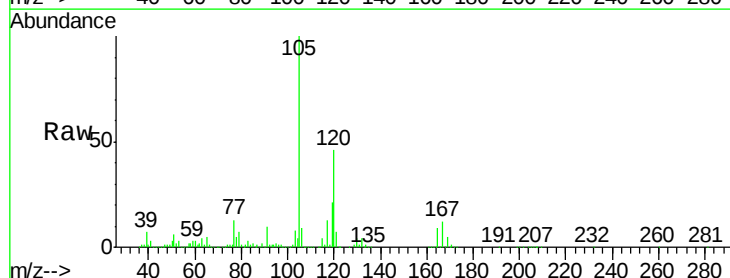
Acq: 30 Jun 2020 10:43

Tgt Ion:105 Resp: 1043960

Ion Ratio Lower Upper

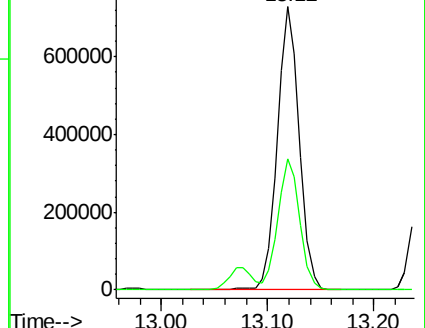
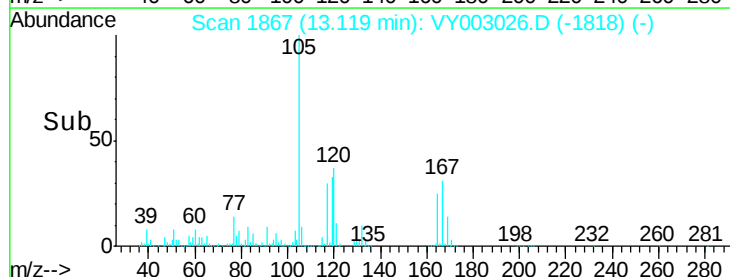
105 100

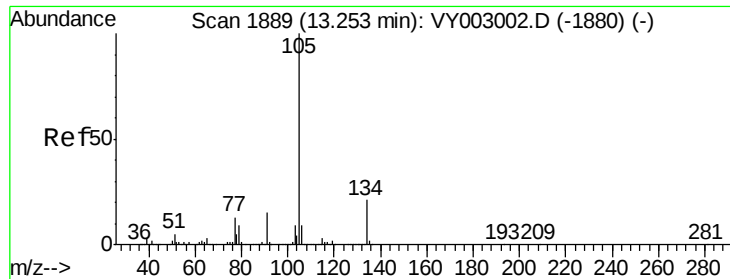
120 45.8 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.215 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

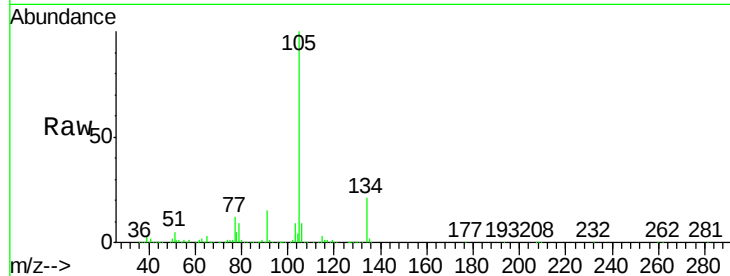
VSTDCCC050

Tot Ion:105 Resp: 1272593

Ion Ratio Lower Upper

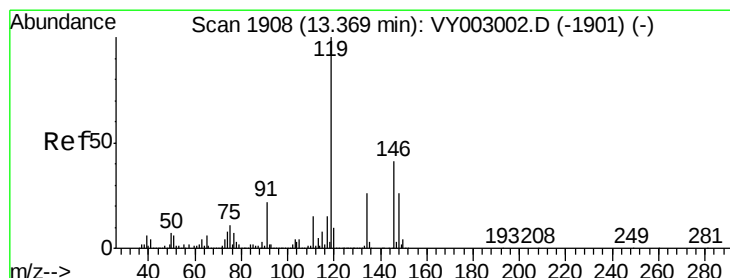
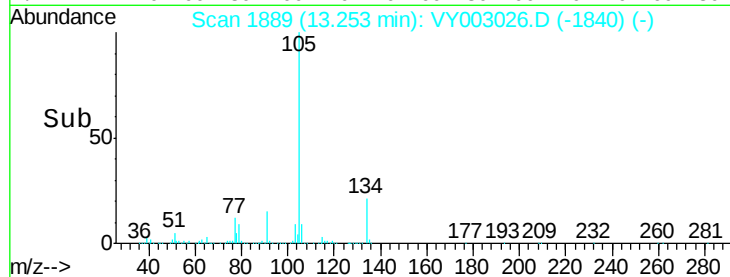
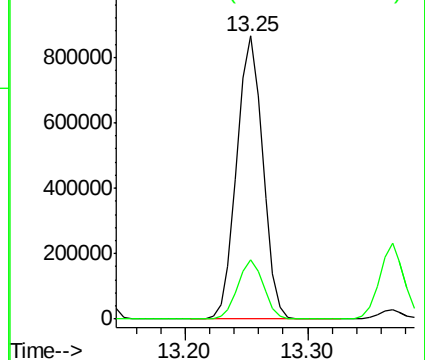
105 100

134 20.7 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: 54.654 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

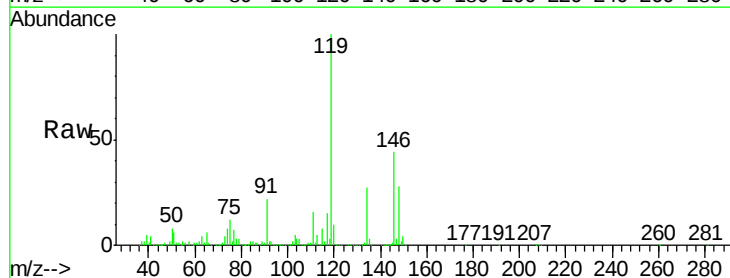
Tgt Ion:119 Resp: 1188772

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

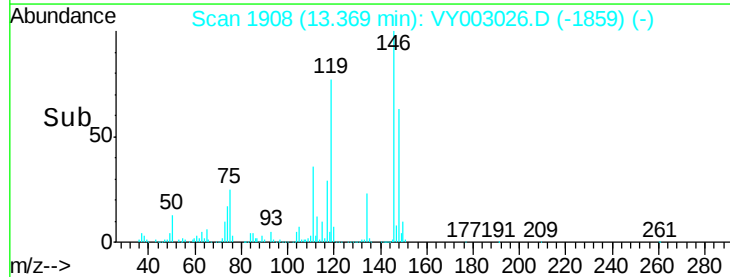
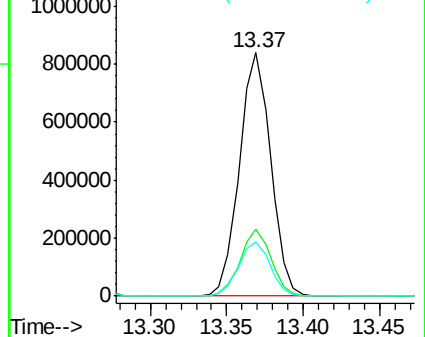
91 22.6 11.5 34.5

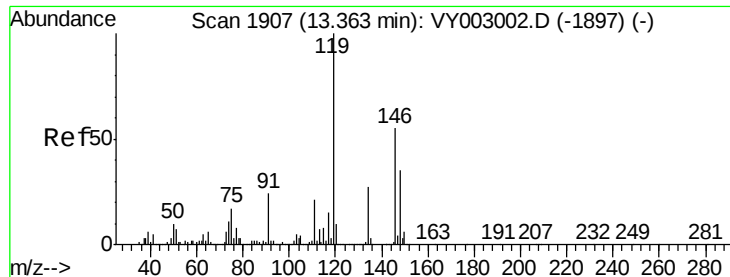


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

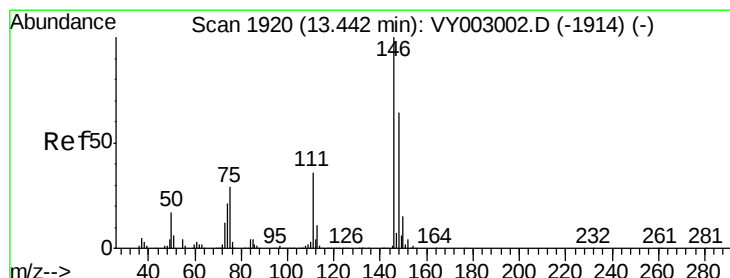
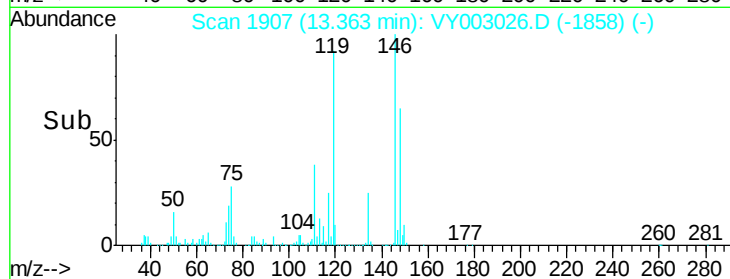
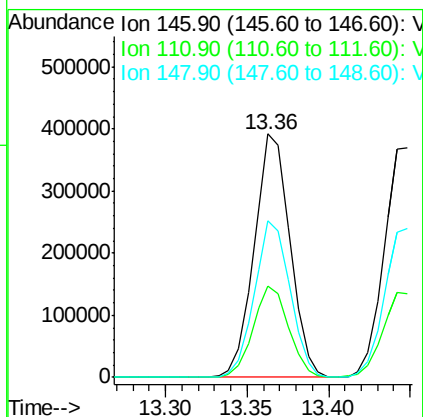
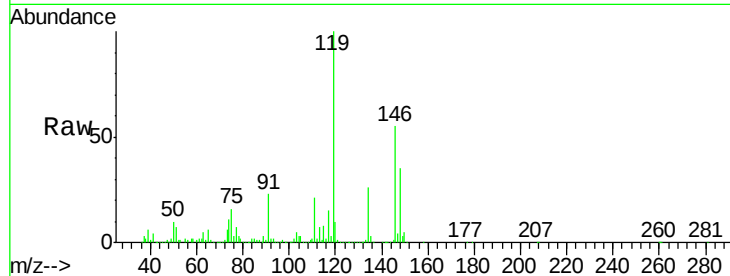




#87
 1,3-Dichlorobenzene
 Concen: 53.817 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

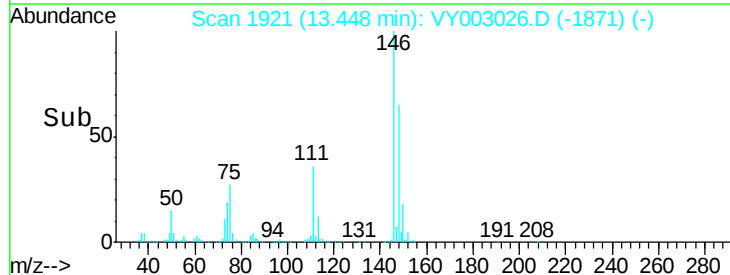
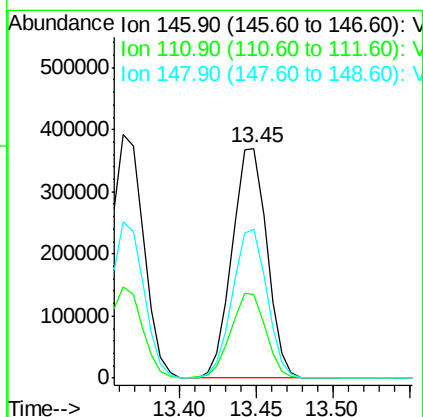
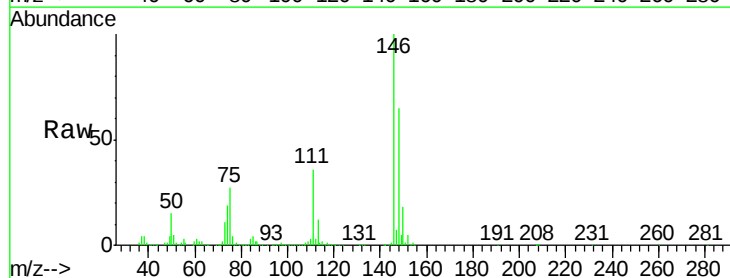
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

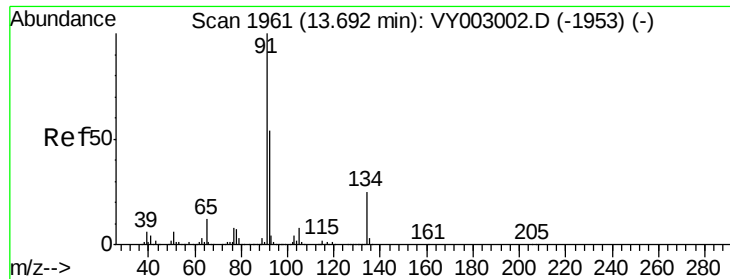
Tot Ion:146 Resp: 595413
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.8 56.3
 148 64.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 53.651 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion:146 Resp: 585311
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.4
 148 64.2 32.3 96.9





#89

n-Butylbenzene

Concen: 54.631 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

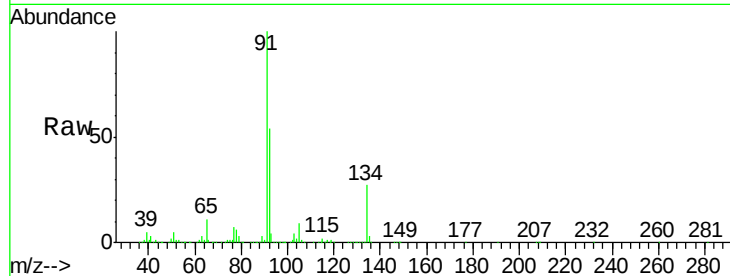
Tot Ion: 91 Resp: 1136916

Ion Ratio Lower Upper

91 100

92 53.7 26.8 80.3

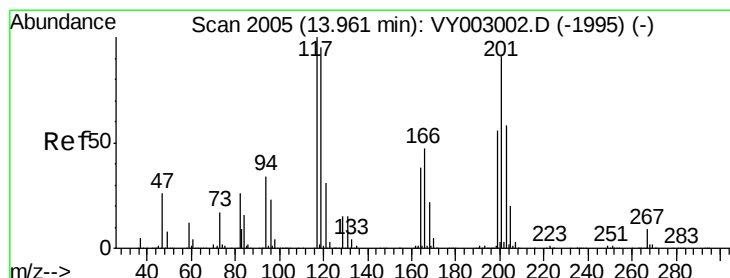
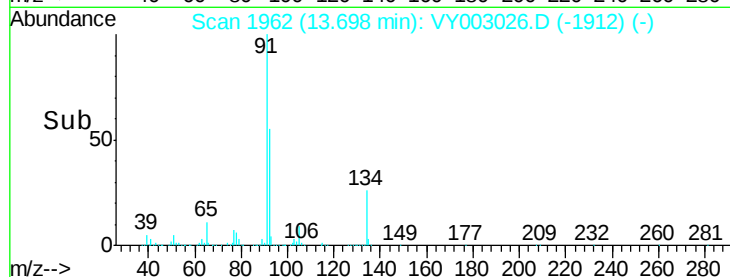
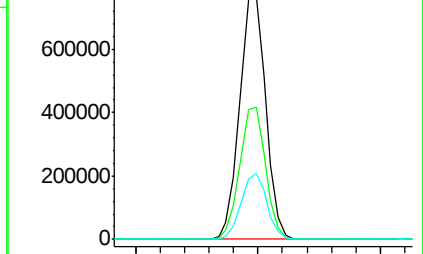
134 26.5 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY003002.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY003002.D (-1953) (-)



#90

Hexachloroethane

Concen: 54.167 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003026.D

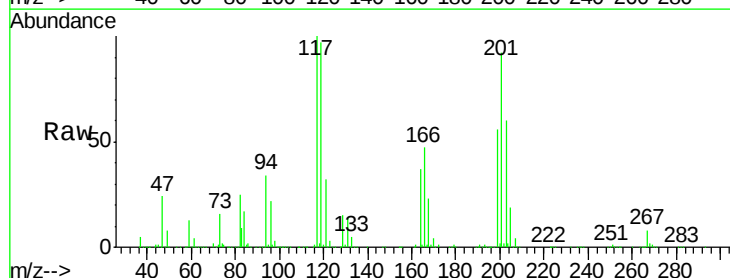
Acq: 30 Jun 2020 10:43

Tgt Ion: 117 Resp: 233950

Ion Ratio Lower Upper

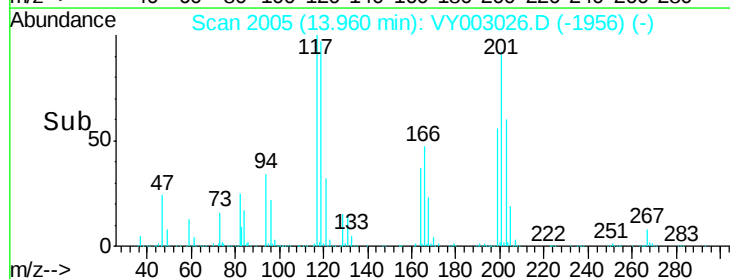
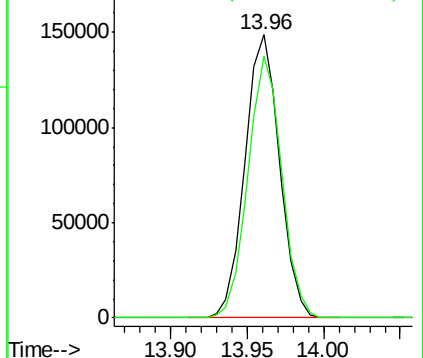
117 100

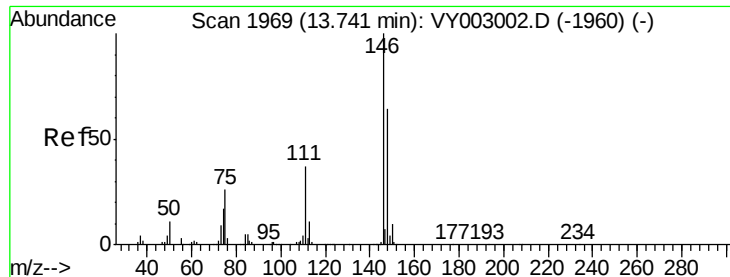
201 90.4 45.5 136.4



Abundance Ion 116.80 (116.50 to 117.50): VY003002.D (-1995) (-)

Ion 200.70 (200.40 to 201.40): VY003002.D (-1995) (-)

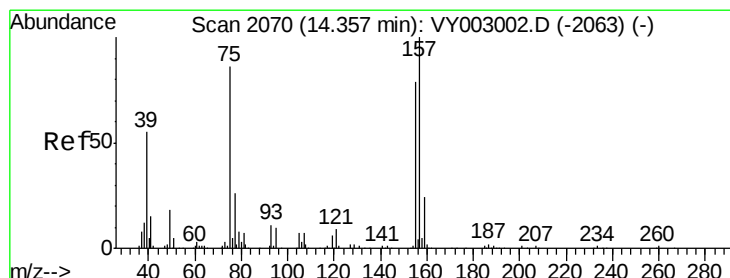
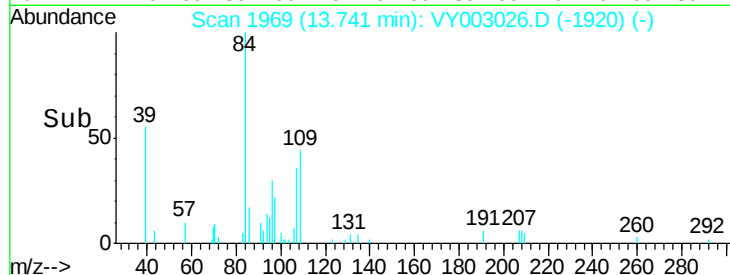
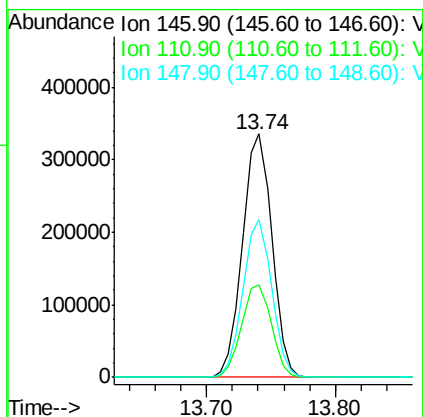
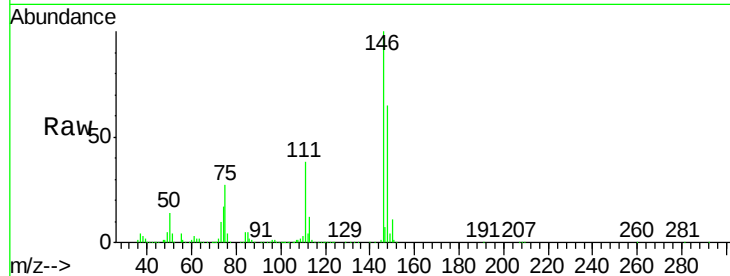




#91
 1,2-Dichlorobenzene
 Concen: 53.212 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

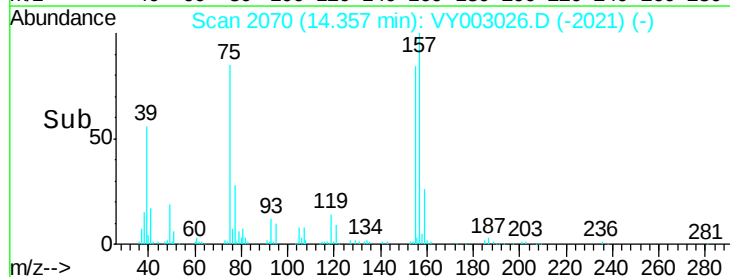
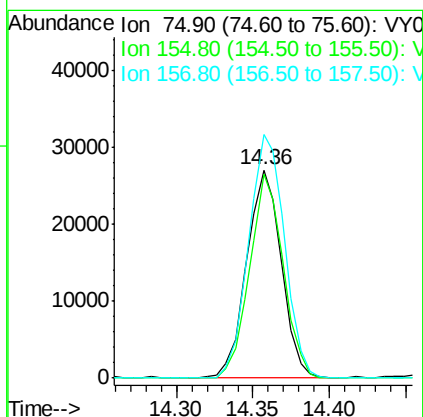
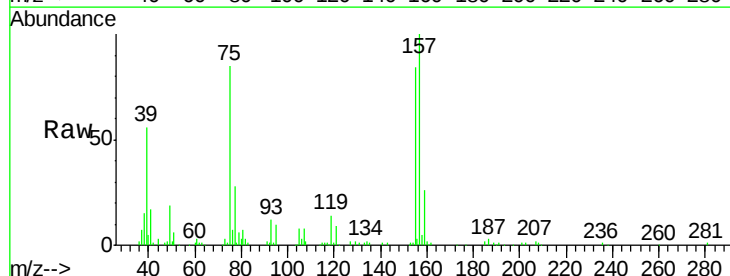
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

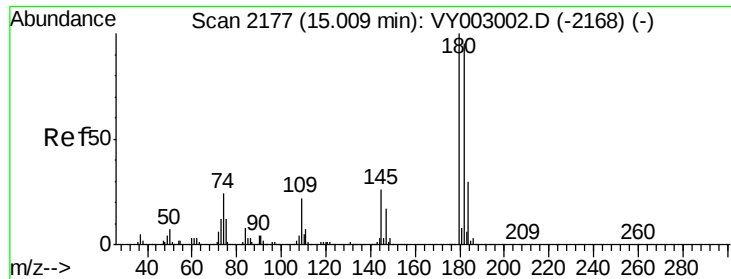
Tot Ion:146 Resp: 528204
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.5
 148 63.7 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.581 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion: 75 Resp: 42589
 Ion Ratio Lower Upper
 75 100
 155 94.5 46.5 139.3
 157 120.8 59.2 177.5

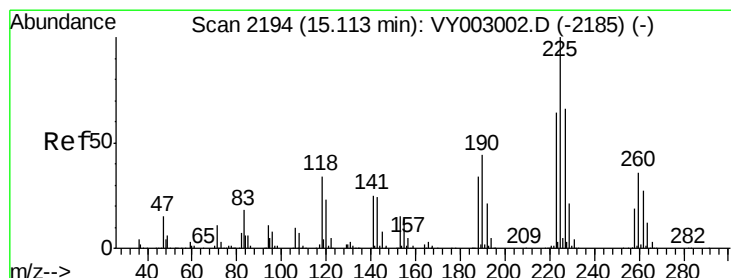
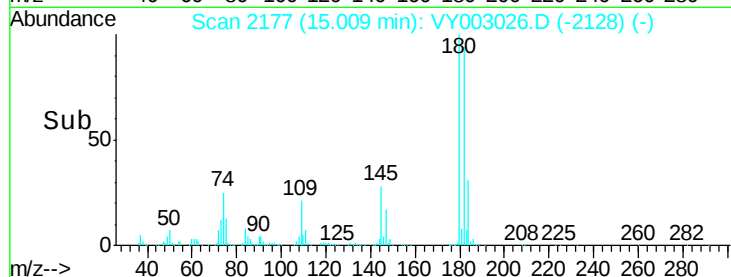
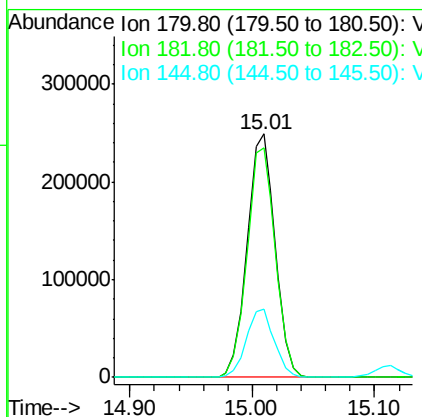
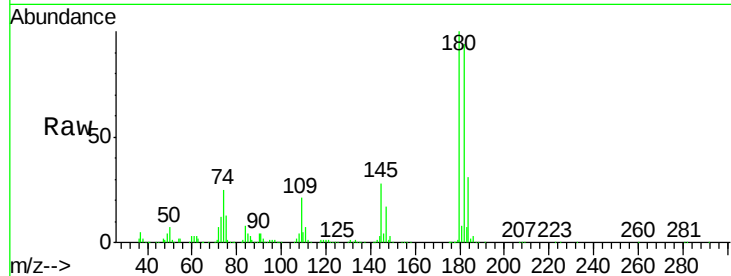




#93
 1,2,4-Trichlorobenzene
 Concen: 53.575 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

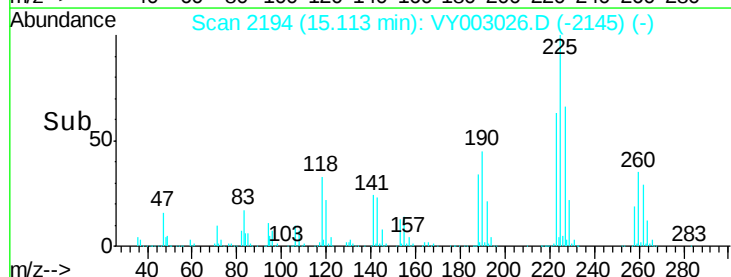
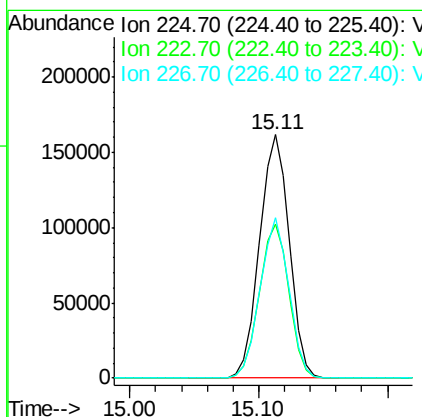
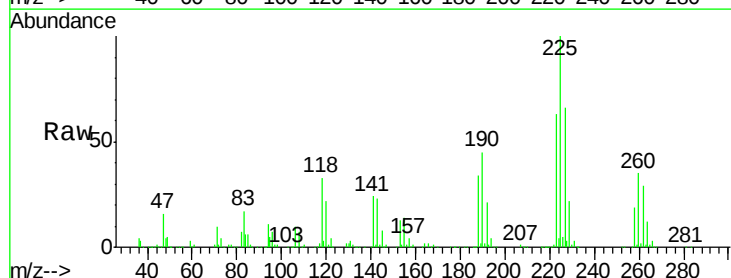
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

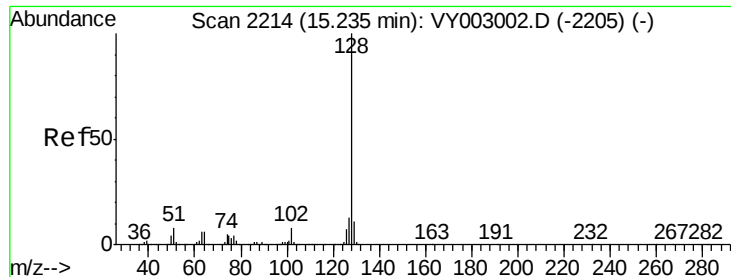
Tot Ion:180 Resp: 395170
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.1 144.3
 145 28.1 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 55.133 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion:225 Resp: 256508
 Ion Ratio Lower Upper
 225 100
 223 63.2 32.4 97.0
 227 64.0 32.4 97.2

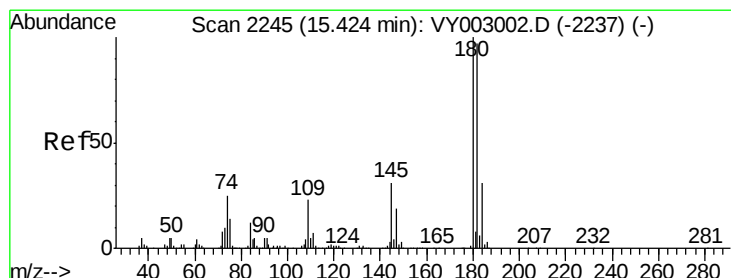
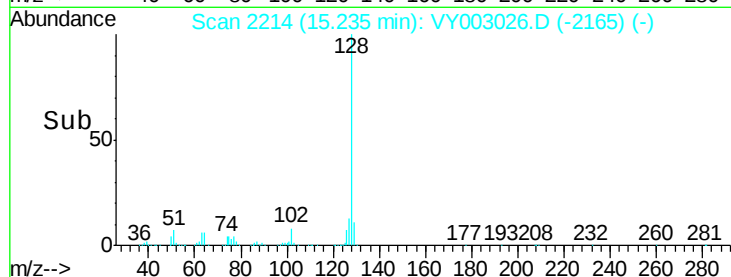
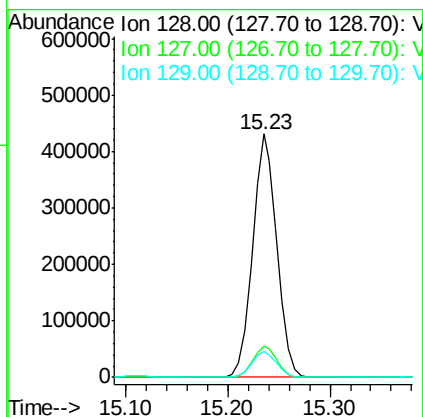
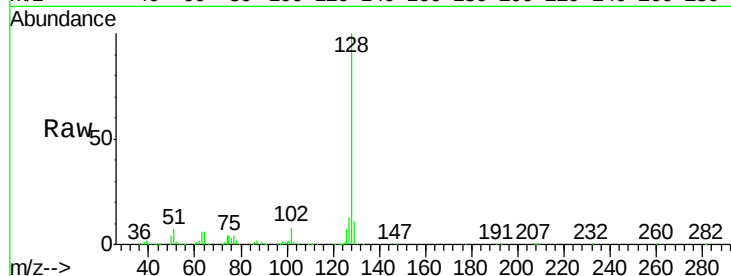




#95
Naphthalene
Concen: 52.586 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 708464
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.735 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion:180 Resp: 337759
Ion Ratio Lower Upper
180 100
182 97.1 47.8 143.3
145 29.1 14.7 44.1

